----- MONOPOLE DATA -----

MATERIAL: STEEL
SHAPE: CIRCULAR
SEGMENTS: 6
SURFACE: GALVANISED
HEIGHT: 30.50 m
ELASTIC MODULUS: 200000 MPa
DENSITY: 7850 kg/m³
TOTAL MASS: 4102 kg (includes base plate)

SHAFT

RL	OD	t	fy	Ag	I	Z	S	λe	Ze	OPENING
30.84 m	280.0 mm	5.0 mm	360 MPa	4320 mm²	40848068 mm⁴	291772 mm³	378167 mm³	80.64	340351 mm³	-
30.23 m	291.9 mm	5.0 mm	360 MPa	4506 mm²	46377034 mm⁴	317772 mm³	411568 mm³	84.06	365924 mm³	-
29.62 m	303.8 mm	5.0 mm	360 MPa	5646 mm²	48077170 mm⁴	316529 mm³	491083 mm³	-	-	01
29.49 m	306.3 mm	5.0 mm	360 MPa	5686 mm²	49190346 mm⁴	321229 mm³	499401 mm³	-	-	01
29.01 m	315.7 mm	5.0 mm	360 MPa	4880 mm²	58887938 mm⁴	373102 mm³	482611 mm³	90.91	418608 mm³	-
28.40 m	327.6 mm	5.0 mm	360 MPa	5067 mm²	65909469 mm⁴	402432 mm³	520252 mm³	94.34	445628 mm³	-
27.78 m	339.4 mm	5.0 mm	360 MPa	5253 mm²	73468116 mm⁴	432873 mm³	559307 mm³	97.76	473043 mm³	-
27.17 m	351.3 mm	5.0 mm	360 MPa	5440 mm²	81583677 mm⁴	464423 mm³	599776 mm³	101.18	500806 mm³	-
26.56 m	363.2 mm	5.0 mm	360 MPa	5627 mm²	90275949 mm⁴	497084 mm³	641657 mm³	104.61	528874 mm³	-
25.95 m	375.1 mm	5.0 mm	360 MPa	5814 mm²	99564728 mm⁴	530855 mm³	684953 mm³	108.03	557201 mm³	-
25.34 m	387.0 mm	5.0 mm	360 MPa	6000 mm²	109469813 mm⁴	565735 mm³	729662 mm³	111.46	585743 mm³	-
< LAP JOINT @ RL 25.34 m / LAP LENGTH: 600 mm / LAP MASS: 32 kg >										
25.34 m	377.0 mm	6.0 mm	360 MPa	6993 mm²	120350096 mm⁴	638462 mm³	825918 mm³	90.48	717515 mm³	-
24.84 m	386.7 mm	6.0 mm	360 MPa	7176 mm²	130037206 mm⁴	672548 mm³	869667 mm³	92.81	749120 mm³	-
24.34 m	396.4 mm	6.0 mm	360 MPa	7359 mm²	140230710 mm⁴	707521 mm³	914545 mm³	95.14	781056 mm³	-
23.84 m	406.1 mm	6.0 mm	360 MPa	7542 mm²	150943511 mm⁴	743381 mm³	960552 mm³	97.46	813298 mm³	-
23.34 m	415.8 mm	6.0 mm	360 MPa	7725 mm²	162188511 mm⁴	780128 mm³	1007688 mm³	99.79	845821 mm³	-
22.84 m	425.5 mm	6.0 mm	360 MPa	7907 mm²	173978613 mm⁴	817761 mm³	1055954 mm³	102.12	878602 mm³	-
22.34 m	435.2 mm	6.0 mm	360 MPa	8090 mm²	186326721 mm⁴	856281 mm³	1105348 mm³	104.45	911617 mm³	-
21.84 m	444.9 mm	6.0 mm	360 MPa	8273 mm²	199245735 mm⁴	895688 mm³	1155871 mm³	106.78	944840 mm³	-
21.34 m	454.6 mm	6.0 mm	360 MPa	8456 mm²	212748559 mm⁴	935981 mm³	1207524 mm³	109.10	978249 mm³	-
20.84 m	464.3 mm	6.0 mm	360 MPa	8639 mm²	226848096 mm⁴	977162 mm³	1260305 mm³	111.43	1011819 mm³	-
20.34 m	474.0 mm	6.0 mm	360 MPa	8822 mm²	241557248 mm⁴	1019229 mm³	1314216 mm³	113.76	1045525 mm³	-
< LAP JOINT @ RL 20.34 m / LAP LENGTH: 700 mm / LAP MASS: 62 kg >										
20.34 m	462.0 mm	8.0 mm	360 MPa	11410 mm²	294071042 mm⁴	1273035 mm³	1649099 mm³	83.16	1470952 mm³	-
19.84 m	471.8 mm	8.0 mm	360 MPa	11657 mm²	313524366 mm⁴	1329056 mm³	1721054 mm³	84.92	1525481 mm³	-
19.34 m	481.6 mm	8.0 mm	360 MPa	11903 mm²	333817312 mm⁴	1386285 mm³	1794546 mm³	86.69	1580571 mm³	-
18.84 m	491.4 mm	8.0 mm	360 MPa	12149 mm²	354967622 mm⁴	1444720 mm³	1869575 mm³	88.45	1636196 mm³	-
18.34 m	501.2 mm	8.0 mm	360 MPa	12395 mm²	376993036 mm⁴	1504362 mm³	1946141 mm³	90.22	1692333 mm³	-
17.84 m	511.0 mm	8.0 mm	360 MPa	12642 mm²	399911296 mm⁴	1565211 mm³	2024243 mm³	91.98	1748955 mm³	-
17.34 m	520.8 mm	8.0 mm	360 MPa	12888 mm²	423740142 mm⁴	1627266 mm³	2103881 mm³	93.74	1806037 mm³	-
16.84 m	530.6 mm	8.0 mm	360 MPa	13134 mm²	448497316 mm⁴	1690529 mm³	2185057 mm³	95.51	1863557 mm³	-
16.34 m	540.4 mm	8.0 mm	360 MPa	13381 mm²	474200559 mm⁴	1754998 mm³	2267769 mm³	97.27	1921487 mm³	-
15.84 m	550.2 mm	8.0 mm	360 MPa	13627 mm²	500867611 mm⁴	1820675 mm³	2352017 mm³	99.04	1979804 mm³	-
15.34 m	560.0 mm	8.0 mm	360 MPa	13873 mm²	528516214 mm⁴	1887558 mm³	2437803 mm³	100.80	2038482 mm³	-
< LAP JOINT @ RL 15.34 m / LAP LENGTH: 800 mm / LAP MASS: 83 kg >										
15.34 m	544.0 mm	8.0 mm	360 MPa	13471 mm²	483883683 mm⁴	1778984 mm³	2298539 mm³	97.92	1942866 mm³	-
14.84 m	553.7 mm	8.0 mm	360 MPa	13715 mm²	510628513 mm⁴	1844423 mm³	2382479 mm³	99.67	2000721 mm³	-
14.34 m	563.4 mm	8.0 mm	360 MPa	13959 mm²	538341172 mm⁴	1911044 mm³	2467924 mm³	101.41	2058920 mm³	-
13.84 m	573.1 mm	8.0 mm	360 MPa	14203 mm²	567038863 mm⁴	1978848 mm³	2554875 mm³	103.16	2117440 mm³	-
13.34 m	582.8 mm	8.0 mm	360 MPa	14446 mm²	596738790 mm⁴	2047834 mm³	2643331 mm³	104.90	2176257 mm³	-
12.84 m	592.5 mm	8.0 mm	360 MPa	14690 mm²	627458156 mm⁴	2118002 mm³	2733293 mm³	106.65	2235347 mm³	-
12.34 m	602.2 mm	8.0 mm	360 MPa	14934 mm²	659214165 mm⁴	2189353 mm³	2824760 mm³	108.40	2294685 mm³	-
11.84 m	611.9 mm	8.0 mm	360 MPa	15178 mm²	692024020 mm⁴	2261886 mm³	2917732 mm³	110.14	2354248 mm³	-
11.34 m	621.6 mm	8.0 mm	360 MPa	15421 mm²	725904924 mm⁴	2335601 mm³	3012210 mm³	111.89	2414010 mm³	-
10.84 m	631.3 mm	8.0 mm	360 MPa	15665 mm²	760874082 mm⁴	2410499 mm³	3108194 mm³	113.63	2473949 mm³	-
10.34 m	641.0 mm	8.0 mm	360 MPa	15909 mm²	796948697 mm⁴	2486579 mm³	3205683 mm³	115.38	2534040 mm³	-
< LAP JOINT @ RL 10.34 m / LAP LENGTH: 900 mm / LAP MASS: 135 kg >										
10.34 m	625.0 mm	10.0 mm	360 MPa	19321 mm²	913692463 mm⁴	2923816 mm³	3782583 mm³	90.00	3291859 mm³	-
9.84 m	634.7 mm	10.0 mm	360 MPa	19626 mm²	957603391 mm⁴	3017499 mm³	3902834 mm³	91.40	3379262 mm³	-
9.34 m	644.4 mm	10.0 mm	360 MPa	19930 mm²	1002899245 mm⁴	3112661 mm³	4024967 mm³	92.79	3467240 mm³	-
8.84 m	654.1 mm	10.0 mm	360 MPa	20235 mm²	1049601527 mm⁴	3209300 mm³	4148981 mm³	94.19	3555768 mm³	-
8.34 m	663.8 mm	10.0 mm	360 MPa	20540 mm²	1097731743 mm⁴	3307417 mm³	4274878 mm³	95.59	3644823 mm³	-
7.84 m	673.5 mm	10.0 mm	360 MPa	20844 mm²	1147311396 mm⁴	3407012 mm³	4402656 mm³	96.98	3734380 mm³	-
7.34 m	683.2 mm	10.0 mm	360 MPa	21149 mm²	1198361991 mm⁴	3508085 mm³	4532316 mm³	98.38	3824414 mm³	-
6.84 m	692.9 mm	10.0 mm	360 MPa	21454 mm²	1250905032 mm⁴	3610637 mm³	4663857 mm³	99.78	3914903 mm³	-
6.34 m	702.6 mm	10.0 mm	360 MPa	21759 mm²	1304962024 mm⁴	3714666 mm³	4797281 mm³	101.17	4005821 mm³	-
5.84 m	712.3 mm	10.0 mm	360 MPa	22063 mm²	1360554471 mm⁴	3820173 mm³	4932586 mm³	102.57	4097145 mm³	-
5.34 m	722.0 mm	10.0 mm	360 MPa	22368 mm²	1417703878 mm⁴	3927158 mm³	5069773 mm³	103.97	4188849 mm³	-
< LAP JOINT @ RL 5.34 m / LAP LENGTH: 1000 mm / LAP MASS: 168 kg >										
5.34 m	702.0 mm	10.0 mm	360 MPa	21740 mm²	1301573963 mm⁴	3708188 mm³	4788973 mm³	101.09	4000185 mm³	-
4.72 m	714.3 mm	10.0 mm	360 MPa	22125 mm²	1371917541 mm⁴	3841561 mm³	4960014 mm³	102.85	4115550 mm³	-
4.09 m	726.5 mm	10.0 mm	360 MPa	22510 mm²	1444751181 mm⁴	3977292 mm³	5134056 mm³	104.62	4231516 mm³	-
3.49 m	738.3 mm	10.0 mm	360 MPa	23456 mm²	1408487517 mm⁴	3815695 mm³	5378107 mm³	-	-	02
3.47 m	738.8 mm	10.0 mm	360 MPa	23472 mm²	1411399073 mm⁴	3821047 mm³	5385246 mm³	-	-	02
2.84 m	751.0 mm	10.0 mm	360 MPa	23279 mm²	1598061899 mm⁴	4255824 mm³	5491143 mm³	108.14	4465052 mm³	-
2.22 m	763.3 mm	10.0 mm	360 MPa	23664 mm²	1678625604 mm⁴	4398626 mm³	5674189 mm³	109.91	4582526 mm³	-
1.59 m	775.5 mm	10.0 mm	360 MPa	24629 mm²	1641426775 mm⁴	4233209 mm³	5934391 mm³	-	-	03
1.24 m	782.4 mm	10.0 mm	360 MPa	24845 mm²	1686966149 mm⁴	4312506 mm³	6039890 mm³	-	-	03
0.97 m	787.8 mm	10.0 mm	360 MPa	25015 mm²	1723333819 mm⁴	4375332 mm³	6123442 mm³	-	-	03
0.34 m	800.0 mm	10.0 mm	360 MPa	24819 mm²	1936469858 mm⁴	4841175 mm³	6241333 mm³	115.20	4937186 mm³	-

< STRUCTURE BASE RL: 0.25 m / GROUT THICKNESS: 40 mm / BASE PLATE THICKNESS (tp): 50.0 mm / BASE PLATE MASS: 283 kg >

CONNECTIONS

ANCHOR BOLTS

CONFIGURATION: CIRCULAR
DIAMETER: M36
QUANTITY: 26
PCD: 1000 mm
EMBEDMENT: 900 mm
YIELD STRESS (fyb): 420 MPa

ULTIMATE STRESS (fub): 520 MPa

BASE PLATE

SHAPE: CIRCULAR
VOID: CIRCULAR
WELD: BW
WIDTH (Wp): 1126 mm
VOID DIAMETER (dv): 550 mm
THICKNESS (tp): 50.0 mm
YIELD STRESS (fyp): 340 MPa (AS/NZS 3678 Table 9)

GUSSETS

CONFIGURATION: NONE

BEARING

TYPE: GROUTED
STRESS (f'c): 40 MPa
THICKNESS (tb): 40 mm
ELASTIC MODULUS: 32800 MPa (AS 3600 Table 3.1.2)

OPENINGS

ID	LOCATION	DOOR	Wd	Hd	Rd	REINFORCEMENT	Lr	tr
01	29.15 m	90°	130 mm	700 mm	65 mm	TYPE 1	50 mm	16.0 mm
02	3.15 m	90°	130 mm	700 mm	65 mm	TYPE 1	50 mm	16.0 mm
03	0.90 m	90°	130 mm	700 mm	65 mm	TYPE 1	50 mm	16.0 mm

----- SITE DATA -----

LOCATION

LATITUDE: -33.834392
LONGITUDE: 151.256418
ELEVATION: 88.99 m

DESIGN

REFERENCE: AS/NZS 1170
IMPORTANCE LEVEL: 2
LIFE: 50 YEARS

WIND

REGION: A2
ULTIMATE ARI: 500 YEARS
ULTIMATE VR: 45 m/s
ICE VR: 34 m/s
SERVICEABILITY VR: 28 m/s

DIRECTION MULTIPLIER (Md)

• Calculated for Region A2 as per AS/NZS 1170.2 Section 3.3.

WIND	Md
N	0.80
NE	0.80
E	0.80
SE	0.95
S	0.90
SW	0.95
W	1.00
NW	0.95

TERRAIN/HEIGHT MULTIPLIER (Mz,cat)

• Calculated using averaging as per AS/NZS 1170.2 Section 4.2.3 and varies with height.

NORTH WIND: Mz,cat = 0.9037 → 1.1518 (TC 2.0790 → TC 1.7105)

ZONE 1: 389.56 m / TC 3
ZONE 2: 876.51 m / TC 2.5
ZONE 3: 1850.40 m / TC 1.5

NORTH EAST WIND: Mz,cat = 0.9121 → 1.1415 (TC 1.9737 → TC 1.8158)

ZONE 1: 486.95 m / TC 2.5
ZONE 2: 681.73 m / TC 1.5
ZONE 3: 1071.28 m / TC 2.5
ZONE 4: 1850.40 m / TC 1.5

EAST WIND: Mz,cat = 0.9332 → 1.1725 (TC 1.7105 → TC 1.5000)

ZONE 1: 389.56 m / TC 2.5
ZONE 2: 1850.40 m / TC 1.5

SOUTH EAST WIND: Mz,cat = 0.9332 → 1.1725 (TC 1.7105 → TC 1.5000)

ZONE 1: 389.56 m / TC 2.5
ZONE 2: 1850.40 m / TC 1.5

SOUTH WIND: Mz,cat = 0.9289 → 1.1725 (TC 1.7632 → TC 1.5000)

ZONE 1: 486.95 m / TC 2.5
ZONE 2: 1850.40 m / TC 1.5

SOUTH WEST WIND: Mz,cat = 0.8532 → 1.0255 (TC 2.7105 → TC 2.8158)

ZONE 1: 681.73 m / TC 2.5
ZONE 2: 1460.84 m / TC 3
ZONE 3: 1850.40 m / TC 2.5

WEST WIND: Mz,cat = 1.0034 (TC 3.0000)

ZONE 1: 1850.40 m / TC 3

NORTH WEST WIND: Mz,cat = 1.0034 (TC 3.0000)

ZONE 1: 1850.40 m / TC 3

SHIELDING MULTIPLIER (Ms)

• Calculated as per AS/NZS 1170.2 Section 4.3 and varies with height.

NORTH WIND: Ms = 0.7000 → 1.0000 (SLOPE: 0.1321)

ID	HEIGHT	LENGTH	WIDTH	AREA	BEARING	BREADTH	LATITUDE	LONGITUDE
001	7.00 m	25.95 m	14.45 m	375 m²	8.75°	27.85 m	-33.830971	151.255509
002	7.00 m	22.74 m	15.29 m	348 m²	83.66°	17.70 m	-33.832251	151.255447
003	7.00 m	42.98 m	7.75 m	333 m²	300.84°	28.69 m	-33.828965	151.257113
004	7.00 m	18.51 m	17.71 m	328 m²	10.31°	21.37 m	-33.831962	151.256443
005	7.00 m	18.30 m	16.76 m	307 m²	278.53°	19.29 m	-33.832120	151.257152
006	7.00 m	19.05 m	16.08 m	306 m²	36.87°	24.89 m	-33.830966	151.256049
007	7.00 m	20.34 m	14.89 m	303 m²	90.00°	14.89 m	-33.832005	151.255619
008	7.00 m	21.05 m	14.34 m	302 m²	277.12°	16.84 m	-33.831844	151.257241
009	7.00 m	18.89 m	15.94 m	301 m²	68.20°	21.81 m	-33.831175	151.257380
010	7.00 m	19.38 m	15.32 m	297 m²	82.65°	17.67 m	-33.831609	151.257273
011	7.00 m	17.86 m	15.99 m	286 m²	279.46°	18.71 m	-33.831309	151.256280
012	7.00 m	20.78 m	13.74 m	285 m²	275.36°	15.62 m	-33.830905	151.255219
013	7.00 m	36.23 m	7.79 m	282 m²	318.96°	32.45 m	-33.829598	151.256843
014	7.00 m	26.98 m	10.41 m	281 m²	342.07°	28.87 m	-33.829306	151.256168
015	7.00 m	17.32 m	16.09 m	279 m²	58.39°	22.78 m	-33.832496	151.255667
016	7.00 m	36.17 m	7.43 m	269 m²	72.65°	17.88 m	-33.829087	151.256320
017	3.50 m	17.22 m	13.96 m	240 m²	4.09°	18.17 m	-33.831638	151.256698
018	3.50 m	17.84 m	12.96 m	231 m²	271.79°	13.51 m	-33.831462	151.255192
019	3.50 m	20.56 m	10.53 m	216 m²	8.13°	21.84 m	-33.831097	151.256436
020	3.50 m	16.42 m	13.10 m	215 m²	17.10°	19.54 m	-33.831985	151.255953

NORTH EAST WIND: Ms = 0.7000 → 1.0000 (SLOPE: 0.1386)

ID	HEIGHT	LENGTH	WIDTH	AREA	BEARING	BREADTH	LATITUDE	LONGITUDE
021	7.00 m	39.36 m	6.48 m	255 m²	343.41°	24.42 m	-33.834222	151.256622
022	7.00 m	20.51 m	12.22 m	251 m²	271.91°	22.93 m	-33.833707	151.257924
023	3.50 m	13.76 m	13.76 m	189 m²	26.57°	17.40 m	-33.831790	151.258368
024	3.50 m	17.60 m	10.43 m	184 m²	307.40°	12.67 m	-33.832557	151.257737
025	3.50 m	13.68 m	13.24 m	181 m²	298.30°	16.61 m	-33.832241	151.258086
026	3.50 m	15.49 m	11.44 m	177 m²	37.88°	16.79 m	-33.832369	151.257940
027	3.50 m	15.29 m	10.00 m	153 m²	58.24°	17.17 m	-33.833551	151.256838
028	3.50 m	12.37 m	11.16 m	138 m²	318.81°	11.95 m	-33.833455	151.257191
029	3.50 m	12.71 m	10.13 m	129 m²	291.80°	14.32 m	-33.833178	151.257428
030	3.50 m	15.83 m	7.50 m	119 m²	32.47°	17.08 m	-33.831918	151.258280
031	3.50 m	12.43 m	6.88 m	85 m²	296.56°	10.46 m	-33.831745	151.257895
032	3.50 m	17.59 m	4.84 m	85 m²	6.71°	16.81 m	-33.833469	151.257847
033	3.50 m	12.17 m	6.64 m	81 m²	300.96°	9.39 m	-33.831922	151.257774
034	3.50 m	11.41 m	5.95 m	68 m²	0.00°	12.28 m	-33.831562	151.257843
035	3.50 m	11.32 m	5.87 m	66 m²	300.96°	8.44 m	-33.832059	151.257666
036	3.50 m	15.94 m	4.11 m	66 m²	289.98°	10.47 m	-33.832890	151.257612
037	3.50 m	11.01 m	5.86 m	65 m²	28.61°	12.21 m	-33.832102	151.258141
038	3.50 m	8.63 m	4.02 m	35 m²	349.38°	8.19 m	-33.833249	151.258335
039	3.50 m	7.82 m	3.01 m	24 m²	284.04°	6.60 m	-33.832824	151.257433
040	3.50 m	4.86 m	4.55 m	22 m²	288.43°	6.24 m	-33.832946	151.257385

EAST WIND: Ms = 0.7000 → 1.0000 (SLOPE: 0.1386)

ID	HEIGHT	LENGTH	WIDTH	AREA	BEARING	BREADTH	LATITUDE	LONGITUDE
041	3.50 m	23.06 m	6.65 m	153 m²	325.30°	18.60 m	-33.834323	151.256760

SOUTH EAST WIND: Ms = 0.7000 → 1.0000 (SLOPE: 0.1386)

ID	HEIGHT	LENGTH	WIDTH	AREA	BEARING	BREADTH	LATITUDE	LONGITUDE
042	7.00 m	73.65 m	12.63 m	930 m²	64.65°	36.66 m	-33.836312	151.260613
043	7.00 m	35.13 m	18.36 m	645 m²	306.87°	37.37 m	-33.835635	151.257243
044	7.00 m	35.03 m	18.26 m	640 m²	306.87°	37.26 m	-33.835487	151.257015
045	7.00 m	26.30 m	12.90 m	339 m²	0.00°	27.72 m	-33.836687	151.258368
046	7.00 m	23.89 m	12.52 m	299 m²	9.21°	24.13 m	-33.836268	151.257383
047	3.50 m	26.30 m	9.13 m	240 m²	1.85°	24.65 m	-33.836797	151.258418
048	3.50 m	15.00 m	8.32 m	125 m²	55.30°	10.86 m	-33.834632	151.256784
049	3.50 m	11.97 m	7.84 m	94 m²	326.31°	13.28 m	-33.834482	151.256557
050	3.50 m	9.54 m	6.12 m	58 m²	279.46°	11.32 m	-33.835862	151.257533

SOUTH WIND: Ms = 0.7000 → 1.0000 (SLOPE: 0.1386)

ID	HEIGHT	LENGTH	WIDTH	AREA	BEARING	BREADTH	LATITUDE	LONGITUDE
051	7.00 m	39.77 m	33.58 m	1335 m²	326.31°	51.71 m	-33.834905	151.256662
052	7.00 m	33.68 m	32.98 m	1111 m²	315.00°	47.13 m	-33.837926	151.255109
053	7.00 m	61.43 m	15.67 m	963 m²	345.12°	63.39 m	-33.837935	151.257789
054	7.00 m	35.28 m	18.50 m	653 m²	327.10°	39.67 m	-33.835285	151.256786
055	7.00 m	31.56 m	10.73 m	339 m²	334.98°	33.14 m	-33.837959	151.256739
056	7.00 m	21.53 m	12.28 m	264 m²	21.25°	24.51 m	-33.836543	151.255449
057	7.00 m	21.02 m	11.92 m	251 m²	18.43°	23.72 m	-33.836549	151.255747
058	3.50 m	17.69 m	14.07 m	249 m²	330.53°	22.32 m	-33.839271	151.255315
059	3.50 m	15.01 m	14.25 m	214 m²	61.39°	19.70 m	-33.838865	151.254923
060	3.50 m	23.94 m	8.39 m	201 m²	56.31°	20.27 m	-33.835004	151.256383
061	3.50 m	18.64 m	10.47 m	195 m²	335.56°	21.30 m	-33.838283	151.256730
062	3.50 m	18.48 m	9.35 m	173 m²	325.71°	20.54 m	-33.835180	151.256065
063	3.50 m	16.22 m	10.40 m	169 m²	335.23°	19.08 m	-33.838193	151.256968
064	3.50 m	23.25 m	6.28 m	146 m²	61.70°	16.56 m	-33.839036	151.255110
065	3.50 m	13.40 m	9.43 m	126 m²	0.00°	13.40 m	-33.836917	151.255873
066	3.50 m	13.18 m	8.79 m	116 m²	18.43°	15.28 m	-33.837938	151.255666
067	3.50 m	12.99 m	8.32 m	108 m²	61.93°	13.45 m	-33.838552	151.254938
068	3.50 m	13.61 m	7.68 m	105 m²	289.18°	11.73 m	-33.836264	151.255681
069	3.50 m	13.18 m	6.36 m	84 m²	335.56°	14.63 m	-33.838127	151.256399
070	3.50 m	10.05 m	8.26 m	83 m²	56.31°	12.44 m	-33.834855	151.256262

SOUTH WEST WIND: Ms = 0.7000 → 1.0000 (SLOPE: 0.1386)

ID	HEIGHT	LENGTH	WIDTH	AREA	BEARING	BREADTH	LATITUDE	LONGITUDE
071	7.00 m	33.33 m	32.98 m	1099 m²	45.00°	33.33 m	-33.837622	151.254496

072	7.00 m	29.27 m	27.82 m	814 m²	22.62°	37.66 m	-33.836473	151.254851
073	7.00 m	29.32 m	27.74 m	813 m²	22.20°	37.78 m	-33.836356	151.254498
074	7.00 m	28.93 m	28.05 m	812 m²	22.62°	37.43 m	-33.836237	151.254151
075	7.00 m	35.64 m	13.51 m	482 m²	58.63°	37.82 m	-33.835313	151.255767
076	7.00 m	26.01 m	14.31 m	372 m²	326.31°	19.13 m	-33.834805	151.255862
077	7.00 m	37.18 m	8.64 m	321 m²	325.49°	15.26 m	-33.834632	151.256273
078	3.50 m	19.40 m	10.55 m	205 m²	280.12°	19.75 m	-33.835031	151.255025
079	3.50 m	15.74 m	9.40 m	148 m²	21.04°	18.21 m	-33.836188	151.255429
080	3.50 m	12.36 m	10.45 m	129 m²	304.99°	12.43 m	-33.835630	151.253050
081	3.50 m	11.88 m	10.52 m	125 m²	299.75°	13.28 m	-33.835671	151.253251
082	3.50 m	6.04 m	5.46 m	33 m²	80.54°	8.09 m	-33.835042	151.255533
083	3.50 m	5.62 m	5.16 m	29 m²	21.80°	7.20 m	-33.838211	151.253646
084	3.50 m	7.08 m	3.50 m	25 m²	72.90°	7.89 m	-33.838223	151.252863

WEST WIND: Ms = 0.7000 → 1.0000 (SLOPE: 0.0284)

ID	HEIGHT	LENGTH	WIDTH	AREA	BEARING	BREADTH	LATITUDE	LONGITUDE
085	10.00 m	33.36 m	20.55 m	686 m²	9.46°	25.76 m	-33.833362	151.251883
086	7.00 m	20.22 m	19.45 m	393 m²	51.34°	27.94 m	-33.834394	151.253340
087	7.00 m	20.07 m	18.27 m	367 m²	279.46°	22.80 m	-33.834284	151.252909
088	7.00 m	18.92 m	17.86 m	338 m²	279.46°	21.60 m	-33.834192	151.252101
089	7.00 m	19.66 m	16.72 m	329 m²	9.46°	19.73 m	-33.834206	151.252355
090	7.00 m	23.33 m	13.62 m	318 m²	9.46°	17.27 m	-33.834082	151.251814
091	7.00 m	26.30 m	11.13 m	293 m²	9.25°	15.21 m	-33.833436	151.253417
092	7.00 m	17.29 m	15.99 m	276 m²	9.46°	18.61 m	-33.834258	151.252588
093	7.00 m	18.11 m	15.01 m	272 m²	279.46°	20.33 m	-33.833391	151.252262
094	3.50 m	17.36 m	13.84 m	240 m²	35.54°	21.35 m	-33.834532	151.251686
095	3.50 m	16.64 m	14.27 m	238 m²	9.46°	16.82 m	-33.833944	151.252560
096	3.50 m	20.45 m	11.61 m	237 m²	12.26°	15.69 m	-33.832720	151.250222
097	3.50 m	15.82 m	14.76 m	234 m²	279.46°	18.04 m	-33.834033	151.253032
098	3.50 m	16.52 m	13.66 m	226 m²	278.75°	18.41 m	-33.833514	151.252847
099	3.50 m	19.01 m	11.75 m	223 m²	9.46°	14.71 m	-33.834308	151.251730
100	3.50 m	24.71 m	8.89 m	220 m²	279.46°	25.84 m	-33.833015	151.250351
101	3.50 m	19.66 m	11.17 m	220 m²	9.46°	14.25 m	-33.833799	151.253948
102	3.50 m	19.35 m	11.35 m	220 m²	278.97°	20.88 m	-33.833560	151.249861
103	3.50 m	15.09 m	14.52 m	219 m²	9.46°	16.80 m	-33.833925	151.252321
104	3.50 m	17.05 m	12.64 m	216 m²	9.46°	15.27 m	-33.833927	151.254905

NORTH WEST WIND: Ms = 0.7000 → 1.0000 (SLOPE: 0.1321)

ID	HEIGHT	LENGTH	WIDTH	AREA	BEARING	BREADTH	LATITUDE	LONGITUDE
105	7.00 m	24.72 m	19.33 m	478 m²	9.46°	30.10 m	-33.831404	151.250985
106	7.00 m	22.10 m	18.92 m	418 m²	279.46°	28.99 m	-33.831781	151.251954
107	7.00 m	28.90 m	13.96 m	403 m²	305.54°	30.80 m	-33.831716	151.253720
108	7.00 m	24.48 m	15.91 m	390 m²	27.90°	22.41 m	-33.831452	151.252156
109	7.00 m	26.43 m	13.78 m	364 m²	9.46°	26.58 m	-33.832803	151.254944
110	7.00 m	22.76 m	15.66 m	356 m²	279.46°	27.62 m	-33.832902	151.253192
111	10.00 m	36.01 m	9.65 m	347 m²	8.97°	28.98 m	-33.831351	151.251608
112	7.00 m	29.12 m	11.42 m	333 m²	279.46°	30.33 m	-33.832193	151.252318
113	7.00 m	25.37 m	13.05 m	331 m²	279.46°	28.23 m	-33.832527	151.251300
114	7.00 m	20.77 m	15.93 m	331 m²	282.53°	26.08 m	-33.831921	151.252189
115	7.00 m	27.98 m	11.26 m	315 m²	279.46°	29.31 m	-33.832640	151.251696
116	7.00 m	27.04 m	11.54 m	312 m²	279.66°	28.73 m	-33.832743	151.252006
117	7.00 m	20.96 m	14.11 m	296 m²	279.46°	25.26 m	-33.831937	151.251400
118	7.00 m	20.52 m	14.17 m	291 m²	48.37°	15.36 m	-33.831641	151.252382
119	7.00 m	21.08 m	13.54 m	285 m²	26.57°	19.51 m	-33.832487	151.254972
120	7.00 m	17.13 m	16.64 m	285 m²	279.46°	23.61 m	-33.832165	151.252515
121	7.00 m	19.55 m	14.53 m	284 m²	9.73°	23.15 m	-33.833255	151.254029
122	7.00 m	25.78 m	10.93 m	282 m²	279.46°	27.33 m	-33.831794	151.251735
123	7.00 m	19.01 m	14.44 m	274 m²	9.46°	22.80 m	-33.831700	151.250935
124	7.00 m	18.19 m	14.87 m	271 m²	296.56°	21.96 m	-33.831545	151.253406

TOPOGRAPHIC MULTIPLIER (Mt)

- Calculated as per AS/NZS 1170.2 Section 4.4 and varies with height.
- Site located outside lee zones as per AS/NZS 1170.2 Section 4.4.3.

WIND	TOPOGRAPHY	H	Lu	x	Mh	Mt
N	RIDGE	85.29 m	250.28 m	-50.06 m	1.2329 → 1.1735	1.2329 → 1.1735
NE	ESCARPMENT	87.53 m	325.36 m	-75.08 m	1.1793 → 1.1419	1.1793 → 1.1419
E	ESCARPMENT	85.95 m	200.22 m	25.03 m	1.3289 → 1.2303	1.3289 → 1.2303
SE	ESCARPMENT	86.10 m	225.25 m	25.03 m	1.2940 → 1.2130	1.2940 → 1.2130
S	RIDGE	86.79 m	275.31 m	50.06 m	1.2186 → 1.1667	1.2186 → 1.1667
SW	RIDGE	69.59 m	225.25 m	75.08 m	1.1884 → 1.1365	1.1884 → 1.1365
W	RIDGE	21.36 m	150.17 m	-25.03 m	1.0998 → 1.0636	1.0998 → 1.0636
NW	RIDGE	85.29 m	250.28 m	-50.06 m	1.2329 → 1.1735	1.2329 → 1.1735

ICE

REGION: N/A

----- SHAFT DRAG -----

- Monopole Shaft Drag Factor (Cd) has been calculated as per AS/NZS 1170.2 Table E3, accounting for variations in wind speed and monopole width with height and the presence of any linear loads as per Note 3. This can be defined in the Settings under the "MONOPOLE" tab.

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.80	1.7144	1.1504	0	-	-	1.0000	1.1739	48.62 m/s	1.4183 kPa	0.8153
29.92 m	297.9 mm	0.1820 m²	0.80	1.7221	1.1475	0	-	-	1.0000	1.1748	48.53 m/s	1.4131 kPa	0.8152
29.55 m	305.0 mm	0.0390 m²	0.80	1.7267	1.1457	0	-	-	1.0000	1.1754	48.48 m/s	1.4102 kPa	0.8151
29.25 m	311.0 mm	0.1503 m²	0.80	1.7304	1.1442	0	-	-	1.0000	1.1758	48.43 m/s	1.4073 kPa	0.8151
28.70 m	321.6 mm	0.1965 m²	0.80	1.7370	1.1414	0	-	-	1.0000	1.1766	48.35 m/s	1.4026 kPa	0.8150
28.09 m	333.5 mm	0.2038 m²	0.80	1.7442	1.1384	0	-	-	1.0000	1.1775	48.26 m/s	1.3974 kPa	0.8148
27.48 m	345.4 mm	0.2111 m²	0.80	1.7513	1.1354	0	-	-	1.0000	1.1785	48.17 m/s	1.3922 kPa	0.8147
26.87 m	357.3 mm	0.2183 m²	0.80	1.7583	1.1324	0	-	-	1.0000	1.1794	48.08 m/s	1.3870 kPa	0.8146
26.26 m	369.2 mm	0.2256 m²	0.80	1.7652	1.1294	0	-	-	1.0000	1.1803	47.99 m/s	1.3818 kPa	0.8145
25.64 m	381.1 mm	0.2329 m²	0.80	1.7719	1.1264	0	-	-	1.0000	1.1813	47.90 m/s	1.3766 kPa	0.8144
25.09 m	381.9 mm	0.1909 m²	0.80	1.7779	1.1237	0	-	-	1.0000	1.1822	47.82 m/s	1.3721 kPa	0.8143

24.59 m	391.6 mm	0.1958 m²	0.80	1.7832	1.1212	0	-	-	1.0000	1.1830	47.75 m/s	1.3680 kPa	0.8142
24.09 m	401.3 mm	0.2006 m²	0.80	1.7884	1.1188	0	-	-	1.0000	1.1838	47.68 m/s	1.3640 kPa	0.8141
23.59 m	411.0 mm	0.2055 m²	0.80	1.7936	1.1163	0	-	-	1.0000	1.1846	47.61 m/s	1.3600 kPa	0.8140
23.09 m	420.7 mm	0.2103 m²	0.80	1.7987	1.1139	0	-	-	1.0000	1.1854	47.54 m/s	1.3560 kPa	0.8139
22.59 m	430.4 mm	0.2152 m²	0.80	1.8037	1.1114	0	-	-	1.0000	1.1862	47.46 m/s	1.3515 kPa	0.8138
22.09 m	440.1 mm	0.2200 m²	0.80	1.8086	1.1090	0	-	-	1.0000	1.1870	47.39 m/s	1.3475 kPa	0.8137
21.59 m	449.8 mm	0.2249 m²	0.80	1.8135	1.1066	0	-	-	1.0000	1.1879	47.32 m/s	1.3435 kPa	0.8136
21.09 m	459.5 mm	0.2297 m²	0.80	1.8183	1.1041	0	-	-	1.0000	1.1887	47.25 m/s	1.3395 kPa	0.8136
20.59 m	469.2 mm	0.2346 m²	0.80	1.8230	1.1017	0	-	-	1.0000	1.1896	47.18 m/s	1.3356 kPa	0.8135
20.09 m	466.9 mm	0.2335 m²	0.80	1.8277	1.0993	0	-	-	1.0000	1.1904	47.11 m/s	1.3316 kPa	0.8134
19.59 m	476.7 mm	0.2384 m²	0.80	1.8323	1.0960	0	-	-	1.0000	1.1913	47.00 m/s	1.3254 kPa	0.8132
19.09 m	486.5 mm	0.2433 m²	0.80	1.8395	1.0922	0	-	-	1.0000	1.1922	46.88 m/s	1.3186 kPa	0.8131
18.59 m	496.3 mm	0.2482 m²	0.80	1.8474	1.0883	0	-	-	1.0000	1.1931	46.74 m/s	1.3108 kPa	0.8129
18.09 m	506.1 mm	0.2531 m²	0.80	1.8551	1.0845	0	-	-	1.0000	1.1940	46.62 m/s	1.3041 kPa	0.8127
17.59 m	515.9 mm	0.2580 m²	0.80	1.8627	1.0806	0	-	-	1.0000	1.1949	46.48 m/s	1.2962 kPa	0.8126
17.09 m	525.7 mm	0.2629 m²	0.80	1.8703	1.0768	0	-	-	1.0000	1.1958	46.35 m/s	1.2890 kPa	0.8124
16.59 m	535.5 mm	0.2678 m²	0.80	1.8777	1.0730	0	-	-	1.0000	1.1967	46.23 m/s	1.2823 kPa	0.8122
16.09 m	545.3 mm	0.2727 m²	0.80	1.8851	1.0692	0	-	-	1.0000	1.1976	46.10 m/s	1.2751 kPa	0.8121
15.59 m	555.1 mm	0.2776 m²	0.80	1.8923	1.0654	0	-	-	1.0000	1.1985	45.97 m/s	1.2679 kPa	0.8119
15.09 m	548.9 mm	0.2744 m²	0.80	1.8995	1.0616	0	-	-	1.0000	1.1995	45.84 m/s	1.2608 kPa	0.8117
14.59 m	558.6 mm	0.2793 m²	0.80	1.9065	1.0563	0	-	-	1.0000	1.2004	45.65 m/s	1.2504 kPa	0.8114
14.09 m	568.3 mm	0.2841 m²	0.80	1.9135	1.0506	0	-	-	1.0000	1.2014	45.44 m/s	1.2389 kPa	0.8112
13.59 m	578.0 mm	0.2890 m²	0.80	1.9204	1.0449	0	-	-	1.0000	1.2024	45.23 m/s	1.2275 kPa	0.8109
13.09 m	587.7 mm	0.2938 m²	0.80	1.9272	1.0392	0	-	-	1.0000	1.2034	45.02 m/s	1.2161 kPa	0.8106
12.59 m	597.4 mm	0.2987 m²	0.80	1.9339	1.0335	0	-	-	1.0000	1.2043	44.81 m/s	1.2048 kPa	0.8103
12.09 m	607.1 mm	0.3035 m²	0.80	1.9405	1.0278	0	-	-	1.0000	1.2053	44.60 m/s	1.1935 kPa	0.8100
11.59 m	616.8 mm	0.3084 m²	0.80	1.9471	1.0221	0	-	-	1.0000	1.2064	44.39 m/s	1.1823 kPa	0.8097
11.09 m	626.5 mm	0.3132 m²	0.80	1.9535	1.0164	0	-	-	1.0000	1.2074	44.18 m/s	1.1711 kPa	0.8094
10.59 m	636.2 mm	0.3181 m²	0.80	1.9599	1.0107	0	-	-	1.0000	1.2084	43.97 m/s	1.1600 kPa	0.8091
10.09 m	629.9 mm	0.3149 m²	0.80	1.9662	1.0049	0	-	-	1.0000	1.2094	43.75 m/s	1.1484 kPa	0.8088
9.59 m	639.6 mm	0.3198 m²	0.80	1.9724	0.9960	0	-	-	1.0000	1.2105	43.40 m/s	1.1301 kPa	0.8083
9.09 m	649.3 mm	0.3246 m²	0.80	1.9786	0.9863	0	-	-	1.0000	1.2116	43.02 m/s	1.1104 kPa	0.8078
8.59 m	659.0 mm	0.3295 m²	0.80	1.9847	0.9765	0	-	-	1.0000	1.2126	42.63 m/s	1.0904 kPa	0.8072
8.09 m	668.7 mm	0.3343 m²	0.80	1.9907	0.9668	0	-	-	1.0000	1.2137	42.24 m/s	1.0705 kPa	0.8067
7.59 m	678.4 mm	0.3392 m²	0.80	1.9966	0.9571	0	-	-	1.0000	1.2148	41.86 m/s	1.0514 kPa	0.8061
7.09 m	688.1 mm	0.3440 m²	0.80	2.0025	0.9473	0	-	-	1.0000	1.2159	41.47 m/s	1.0319 kPa	0.8055
6.59 m	697.8 mm	0.3489 m²	0.80	2.0083	0.9377	16	7.00 m	21.71 m	0.8002	1.2170	32.87 m/s	0.6483 kPa	0.7908
6.09 m	707.5 mm	0.3537 m²	0.80	2.0141	0.9282	16	7.00 m	21.71 m	0.7852	1.2181	31.96 m/s	0.6129 kPa	0.7890
5.59 m	717.2 mm	0.3586 m²	0.80	2.0197	0.9188	16	7.00 m	21.71 m	0.7700	1.2193	31.05 m/s	0.5785 kPa	0.7871
5.03 m	708.1 mm	0.4426 m²	0.80	2.0260	0.9084	16	7.00 m	21.71 m	0.7529	1.2206	30.05 m/s	0.5418 kPa	0.7850
4.40 m	720.4 mm	0.4502 m²	0.80	2.0329	0.9074	16	7.00 m	21.71 m	0.7339	1.2220	30.00 m/s	0.5400 kPa	0.7849
3.79 m	732.4 mm	0.4394 m²	0.80	2.0396	0.9068	16	7.00 m	21.71 m	0.7153	1.2235	30.00 m/s	0.5400 kPa	0.7849
3.48 m	738.5 mm	0.0185 m²	0.80	2.0430	0.9066	20	6.30 m	21.02 m	0.7108	1.2242	30.00 m/s	0.5400 kPa	0.7849
3.15 m	744.9 mm	0.4655 m²	0.80	2.0465	0.9063	20	6.30 m	21.02 m	0.7004	1.2250	30.00 m/s	0.5400 kPa	0.7849
2.53 m	757.1 mm	0.4732 m²	0.80	2.0531	0.9058	20	6.30 m	21.02 m	0.7000	1.2265	30.00 m/s	0.5400 kPa	0.7849
1.90 m	769.4 mm	0.4809 m²	0.80	2.0596	0.9052	20	6.30 m	21.02 m	0.7000	1.2281	30.00 m/s	0.5400 kPa	0.7849
1.41 m	778.9 mm	0.2726 m²	0.80	2.0647	0.9048	20	6.30 m	21.02 m	0.7000	1.2293	30.00 m/s	0.5400 kPa	0.7849
1.10 m	785.1 mm	0.2159 m²	0.80	2.0678	0.9046	20	6.30 m	21.02 m	0.7000	1.2301	30.00 m/s	0.5400 kPa	0.7849
0.65 m	793.9 mm	0.4962 m²	0.80	2.0724	0.9042	20	6.30 m	21.02 m	0.7000	1.2312	30.00 m/s	0.5400 kPa	0.7849

NORTH EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.80	1.8142	1.1405	0	-	-	1.0000	1.1422	46.90 m/s	1.3198 kPa	0.8131
29.92 m	297.9 mm	0.1820 m²	0.80	1.8111	1.1386	0	-	-	1.0000	1.1428	46.84 m/s	1.3164 kPa	0.8130
29.55 m	305.0 mm	0.0390 m²	0.80	1.8093	1.1374	0	-	-	1.0000	1.1432	46.81 m/s	1.3147 kPa	0.8130
29.25 m	311.0 mm	0.1503 m²	0.80	1.8078	1.1364	0	-	-	1.0000	1.1435	46.78 m/s	1.3130 kPa	0.8129
28.70 m	321.6 mm	0.1965 m²	0.80	1.8052	1.1345	0	-	-	1.0000	1.1440	46.72 m/s	1.3097 kPa	0.8129
28.09 m	333.5 mm	0.2038 m²	0.80	1.8023	1.1325	0	-	-	1.0000	1.1446	46.67 m/s	1.3069 kPa	0.8128
27.48 m	345.4 mm	0.2111 m²	0.80	1.7995	1.1305	0	-	-	1.0000	1.1452	46.61 m/s	1.3035 kPa	0.8127
26.87 m	357.3 mm	0.2183 m²	0.80	1.7967	1.1284	0	-	-	1.0000	1.1458	46.55 m/s	1.3001 kPa	0.8126
26.26 m	369.2 mm	0.2256 m²	0.80	1.7939	1.1264	0	-	-	1.0000	1.1465	46.49 m/s	1.2968 kPa	0.8126
25.64 m	381.1 mm	0.2329 m²	0.80	1.7912	1.1244	0	-	-	1.0000	1.1471	46.43 m/s	1.2934 kPa	0.8125
25.09 m	381.9 mm	0.1909 m²	0.80	1.7889	1.1225	0	-	-	1.0000	1.1477	46.38 m/s	1.2907 kPa	0.8124
24.59 m	391.6 mm	0.1958 m²	0.80	1.7867	1.1208	0	-	-	1.0000	1.1482	46.33 m/s	1.2879 kPa	0.8124
24.09 m	401.3 mm	0.2006 m²	0.80	1.7884	1.1188	0	-	-	1.0000	1.1487	46.27 m/s	1.2845 kPa	0.8123
23.59 m	411.0 mm	0.2055 m²	0.80	1.7936	1.1163	0	-	-	1.0000	1.1492	46.18 m/s	1.2796 kPa	0.8122
23.09 m	420.7 mm	0.2103 m²	0.80	1.7987	1.1139	0	-	-	1.0000	1.1498	46.11 m/s	1.2757 kPa	0.8121
22.59 m	430.4 mm	0.2152 m²	0.80	1.8037	1.1114	0	-	-	1.0000	1.1503	46.02 m/s	1.2707 kPa	0.8119
22.09 m	440.1 mm	0.2200 m²	0.80	1.8086	1.1090	0	-	-	1.0000	1.1508	45.94 m/s	1.2663 kPa	0.8118
21.59 m	449.8 mm	0.2249 m²	0.80	1.8135	1.1066	0	-	-	1.0000	1.1514	45.87 m/s	1.2624 kPa	0.8117
21.09 m	459.5 mm	0.2297 m²	0.80	1.8183	1.1041	0	-	-	1.0000	1.1519	45.79 m/s	1.2580 kPa	0.8116
20.59 m	469.2 mm	0.2346 m²	0.80	1.8230	1.1017	0	-	-	1.0000	1.1525	45.71 m/s	1.2536 kPa	0.8115
20.09 m	466.9 mm	0.2335 m²	0.80	1.8277	1.0993	0	-	-	1.0000	1.1530	45.63 m/s	1.2493 kPa	0.8114
19.59 m	476.7 mm	0.2384 m²	0.80	1.8323	1.0960	0	-	-	1.0000	1.1536	45.52 m/s	1.2432 kPa	0.8113
19.09 m	486.5 mm	0.2433 m²	0.80	1.8369	1.0925	0	-	-	1.0000	1.1542	45.39 m/s	1.2362 kPa	0.8111
18.59 m	496.3 mm	0.2482 m²	0.80	1.8413	1.0890	0	-	-	1.0000	1.1547	45.27 m/s	1.2296 kPa	0.8109
18.09 m	506.1 mm	0.2531 m²	0.80	1.8458	1.0855	0	-	-	1.0000	1.1553	45.15 m/s	1.2231 kPa	0.8108
17.59 m	515.9 mm	0.2580 m²	0.80	1.8501	1.0820	0	-	-	1.0000	1.1559	45.02 m/s	1.2161 kPa	0.8106
17.09 m	525.7 mm	0.2629 m²	0.80	1.8544	1.0786	0	-	-	1.0000	1.1565	44.91 m/s	1.2101 kPa	0.8104
16.59 m	535.5 mm	0.2678 m²	0.80	1.8587	1.0751	0	-	-	1.0000	1.1571	44.78 m/s	1.2031 kPa	0.8103
16.09 m	545.3 mm	0.2727 m²	0.80	1.8629	1.0716	0	-	-	1.0000	1.1576	44.66 m/s	1.1967 kPa	0.8101
15.59 m	555.1 mm	0.2776 m²	0.80	1.8670	1.0682	0	-	-	1.0000	1.1582	44.54 m/s	1.1903 kPa	0.8099
15.09 m	548.9 mm	0.2744 m²	0.80	1.8711	1.0647	0	-	-	1.0000	1.1588	44.42 m/s	1.1839 kPa	0.8098
14.59 m	558.6 mm	0.2793 m²	0.80	1.8751	1.0597	0	-	-	1.0000	1.1594	44.23 m/s	1.1738 kPa	0.8095
14.09 m	568.3 mm	0.2841 m²	0.80	1.8791	1.0544	0	-	-	1.0000	1.1600	44.03 m/s	1.1632 kPa	0.8092
13.59 m	578.0 mm	0.2890 m²	0.80	1.8831	1.0491	0	-	-	1.0000	1.1607	43.84 m/s	1.1532 kPa	0.8090
13.09 m	587.7 mm	0.2938 m²	0.80	1.8869	1.0438	0	-	-	1.0000	1.1613	43.64 m/s	1.1427 kPa	0.8087
12.59 m	597.4 mm	0.2987 m²	0.80	1.8908	1.0384	0	-	-	1.0000	1.1619	43.43 m/s	1.1317 kPa	0.8084
12.09 m	607.1 mm	0.3035 m²	0.80	1.8946	1.0331	0	-	-	1.0000	1.1625	43.24 m/s	1.1218 kPa	0.8081
11.59 m	616.8 mm	0.3084 m²	0.80	1.8983	1.0278	0	-	-	1.0000	1.1632	43.04 m/s	1.1115 kPa	0.8078
11.09 m	626.5 mm	0.3132 m²	0.80	1.9020	1.0224	0	-	-	1.0000	1.1638	42.84 m/s	1.1012 kPa	0.8075
10.59 m	636.2 mm	0.3181 m²	0.80	1.9057	1.0171	0	-	-	1.0000	1.1644	42.64 m/s	1.0909 kPa	0.8072
10.09 m	629.9 mm	0.3149 m²	0.80	1.9093	1.0118	0	-	-	1.0000	1.1651	42.44 m/s	1.0807 kPa	0.8070
9.59 m	639.6 mm	0.3198 m²	0.80	1.9128	1.0032	0	-	-	1.0000	1.1657	42.10 m/s	1.0634 kPa	0.8065
9.09 m	649.3 mm	0.3246 m²	0.80	1.9163	0.9940	0	-	-	1.0000	1.1664	41.74 m/s	1.0453 kPa	0.8059
8.59 m	659.0 mm	0.3295 m²	0.80	1.9198	0.9847	0	-	-	1.0000	1.1670	41.37 m/s	1.0269 kPa	0.8054
8.09 m	668.7 mm	0.3343 m²	0.80	1.9233	0.9754	0	-	-	1.0000	1.1677	41.00 m/s	1.0086 kPa	0.8048
7.59 m	678.4 mm	0.3392 m²	0.80	1.9266	0.9661	0	-	-	1.0000	1.1684	40.64 m/s	0.9910 kPa	0.8043
7.09 m	688.1 mm	0.3440 m²	0.80	1.9300	0.9568	0	-	-	1.0000	1.1691	40.27 m/s	0.9730 kPa	0.8037
6.59 m	697.8 mm	0.3489 m²	0.80	1.9333	0.9475	2	7.00 m	23.68 m	0.8706	1.1697	34.74 m/s	0.7241 kPa	0.7943

6.09 m	707.5 mm	0.3537 m²	0.80	1.9366	0.9382	2	7.00 m	23.68 m	0.8577	1.1704	33.91 m/s	0.6899 kPa	0.7928
5.59 m	717.2 mm	0.3586 m²	0.80	1.9398	0.9289	2	7.00 m	23.68 m	0.8447	1.1711	33.08 m/s	0.6566 kPa	0.7912
5.03 m	708.1 mm	0.4426 m²	0.80	1.9434	0.9184	2	7.00 m	23.68 m	0.8301	1.1719	32.16 m/s	0.6206 kPa	0.7894
4.40 m	720.4 mm	0.4502 m²	0.80	1.9474	0.9164	2	7.00 m	23.68 m	0.8140	1.1728	31.49 m/s	0.5950 kPa	0.7880
3.79 m	732.4 mm	0.4394 m²	0.80	1.9512	0.9151	2	7.00 m	23.68 m	0.7962	1.1737	30.79 m/s	0.5688 kPa	0.7866
3.48 m	738.5 mm	0.0185 m²	0.80	1.9531	0.9144	20	3.85 m	13.62 m	0.7761	1.1741	30.00 m/s	0.5400 kPa	0.7849
3.15 m	744.9 mm	0.4655 m²	0.80	1.9551	0.9138	20	3.85 m	13.62 m	0.7596	1.1746	30.00 m/s	0.5400 kPa	0.7849
2.53 m	757.1 mm	0.4732 m²	0.80	1.9589	0.9133	20	3.85 m	13.62 m	0.7279	1.1755	30.00 m/s	0.5400 kPa	0.7849
1.90 m	769.4 mm	0.4809 m²	0.80	1.9626	0.9130	20	3.85 m	13.62 m	0.7000	1.1764	30.00 m/s	0.5400 kPa	0.7849
1.41 m	778.9 mm	0.2726 m²	0.80	1.9655	0.9128	20	3.85 m	13.62 m	0.7000	1.1772	30.00 m/s	0.5400 kPa	0.7849
1.10 m	785.1 mm	0.2159 m²	0.80	1.9673	0.9126	20	3.85 m	13.62 m	0.7000	1.1776	30.00 m/s	0.5400 kPa	0.7849
0.65 m	793.9 mm	0.4962 m²	0.80	1.9699	0.9124	20	3.85 m	13.62 m	0.7000	1.1783	30.00 m/s	0.5400 kPa	0.7849

EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.80	1.5000	1.1716	0	-	-	1.0000	1.2310	51.92 m/s	1.6174 kPa	0.8193
29.92 m	297.9 mm	0.1820 m²	0.80	1.5000	1.1697	0	-	-	1.0000	1.2324	51.90 m/s	1.6162 kPa	0.8192
29.55 m	305.0 mm	0.0390 m²	0.80	1.5000	1.1684	0	-	-	1.0000	1.2332	51.87 m/s	1.6143 kPa	0.8192
29.25 m	311.0 mm	0.1503 m²	0.80	1.5000	1.1674	0	-	-	1.0000	1.2339	51.86 m/s	1.6137 kPa	0.8192
28.70 m	321.6 mm	0.1965 m²	0.80	1.5000	1.1654	0	-	-	1.0000	1.2352	51.82 m/s	1.6112 kPa	0.8191
28.09 m	333.5 mm	0.2038 m²	0.80	1.5000	1.1633	0	-	-	1.0000	1.2366	51.79 m/s	1.6093 kPa	0.8191
27.48 m	345.4 mm	0.2111 m²	0.80	1.5000	1.1612	0	-	-	1.0000	1.2381	51.76 m/s	1.6075 kPa	0.8191
26.87 m	357.3 mm	0.2183 m²	0.80	1.5000	1.1590	0	-	-	1.0000	1.2396	51.72 m/s	1.6050 kPa	0.8190
26.26 m	369.2 mm	0.2256 m²	0.80	1.5000	1.1569	0	-	-	1.0000	1.2411	51.69 m/s	1.6031 kPa	0.8190
25.64 m	381.1 mm	0.2329 m²	0.80	1.5000	1.1548	0	-	-	1.0000	1.2426	51.66 m/s	1.6013 kPa	0.8190
25.09 m	381.9 mm	0.1909 m²	0.80	1.5000	1.1528	0	-	-	1.0000	1.2440	51.63 m/s	1.5994 kPa	0.8189
24.59 m	391.6 mm	0.1958 m²	0.80	1.5000	1.1511	0	-	-	1.0000	1.2452	51.60 m/s	1.5975 kPa	0.8189
24.09 m	401.3 mm	0.2006 m²	0.80	1.5000	1.1493	0	-	-	1.0000	1.2465	51.57 m/s	1.5957 kPa	0.8189
23.59 m	411.0 mm	0.2055 m²	0.80	1.5000	1.1476	0	-	-	1.0000	1.2478	51.55 m/s	1.5944 kPa	0.8188
23.09 m	420.7 mm	0.2103 m²	0.80	1.5000	1.1458	0	-	-	1.0000	1.2491	51.52 m/s	1.5926 kPa	0.8188
22.59 m	430.4 mm	0.2152 m²	0.80	1.5000	1.1441	0	-	-	1.0000	1.2504	51.50 m/s	1.5914 kPa	0.8188
22.09 m	440.1 mm	0.2200 m²	0.80	1.5000	1.1423	0	-	-	1.0000	1.2517	51.47 m/s	1.5895 kPa	0.8187
21.59 m	449.8 mm	0.2249 m²	0.80	1.5000	1.1406	0	-	-	1.0000	1.2531	51.45 m/s	1.5883 kPa	0.8187
21.09 m	459.5 mm	0.2297 m²	0.80	1.5000	1.1388	0	-	-	1.0000	1.2544	51.43 m/s	1.5870 kPa	0.8187
20.59 m	469.2 mm	0.2346 m²	0.80	1.5000	1.1371	0	-	-	1.0000	1.2558	51.41 m/s	1.5858 kPa	0.8187
20.09 m	466.9 mm	0.2335 m²	0.80	1.5000	1.1353	0	-	-	1.0000	1.2572	51.38 m/s	1.5839 kPa	0.8186
19.59 m	476.7 mm	0.2384 m²	0.80	1.5000	1.1325	0	-	-	1.0000	1.2586	51.31 m/s	1.5796 kPa	0.8186
19.09 m	486.5 mm	0.2433 m²	0.80	1.5053	1.1290	0	-	-	1.0000	1.2600	51.21 m/s	1.5735 kPa	0.8184
18.59 m	496.3 mm	0.2482 m²	0.80	1.5120	1.1252	0	-	-	1.0000	1.2614	51.10 m/s	1.5667 kPa	0.8183
18.09 m	506.1 mm	0.2531 m²	0.80	1.5187	1.1215	0	-	-	1.0000	1.2629	50.99 m/s	1.5600 kPa	0.8182
17.59 m	515.9 mm	0.2580 m²	0.80	1.5252	1.1178	0	-	-	1.0000	1.2644	50.88 m/s	1.5533 kPa	0.8180
17.09 m	525.7 mm	0.2629 m²	0.80	1.5317	1.1140	0	-	-	1.0000	1.2658	50.76 m/s	1.5459 kPa	0.8179
16.59 m	535.5 mm	0.2678 m²	0.80	1.5380	1.1104	0	-	-	1.0000	1.2673	50.66 m/s	1.5399 kPa	0.8178
16.09 m	545.3 mm	0.2727 m²	0.80	1.5443	1.1067	0	-	-	1.0000	1.2689	50.55 m/s	1.5332 kPa	0.8177
15.59 m	555.1 mm	0.2776 m²	0.80	1.5505	1.1030	0	-	-	1.0000	1.2704	50.45 m/s	1.5271 kPa	0.8175
15.09 m	548.9 mm	0.2744 m²	0.80	1.5567	1.0993	0	-	-	1.0000	1.2719	50.34 m/s	1.5205 kPa	0.8174
14.59 m	558.6 mm	0.2793 m²	0.80	1.5627	1.0944	0	-	-	1.0000	1.2735	50.17 m/s	1.5102 kPa	0.8172
14.09 m	568.3 mm	0.2841 m²	0.80	1.5687	1.0891	0	-	-	1.0000	1.2751	49.99 m/s	1.4994 kPa	0.8170
13.59 m	578.0 mm	0.2890 m²	0.80	1.5746	1.0839	0	-	-	1.0000	1.2767	49.82 m/s	1.4892 kPa	0.8168
13.09 m	587.7 mm	0.2938 m²	0.80	1.5804	1.0787	0	-	-	1.0000	1.2783	49.64 m/s	1.4785 kPa	0.8166
12.59 m	597.4 mm	0.2987 m²	0.80	1.5862	1.0734	0	-	-	1.0000	1.2800	49.46 m/s	1.4678 kPa	0.8163
12.09 m	607.1 mm	0.3035 m²	0.80	1.5919	1.0682	0	-	-	1.0000	1.2816	49.28 m/s	1.4571 kPa	0.8161
11.59 m	616.8 mm	0.3084 m²	0.80	1.5975	1.0629	0	-	-	1.0000	1.2833	49.10 m/s	1.4465 kPa	0.8159
11.09 m	626.5 mm	0.3132 m²	0.80	1.6030	1.0577	0	-	-	1.0000	1.2850	48.93 m/s	1.4365 kPa	0.8157
10.59 m	636.2 mm	0.3181 m²	0.80	1.6085	1.0524	0	-	-	1.0000	1.2867	48.75 m/s	1.4259 kPa	0.8155
10.09 m	629.9 mm	0.3149 m²	0.80	1.6139	1.0472	0	-	-	1.0000	1.2885	48.58 m/s	1.4160 kPa	0.8152
9.59 m	639.6 mm	0.3198 m²	0.80	1.6192	1.0389	0	-	-	1.0000	1.2903	48.26 m/s	1.3974 kPa	0.8148
9.09 m	649.3 mm	0.3246 m²	0.80	1.6245	1.0300	0	-	-	1.0000	1.2920	47.91 m/s	1.3772 kPa	0.8144
8.59 m	659.0 mm	0.3295 m²	0.80	1.6297	1.0211	0	-	-	1.0000	1.2938	47.56 m/s	1.3572 kPa	0.8140
8.09 m	668.7 mm	0.3343 m²	0.80	1.6349	1.0122	0	-	-	1.0000	1.2957	47.21 m/s	1.3373 kPa	0.8135
7.59 m	678.4 mm	0.3392 m²	0.80	1.6400	1.0033	0	-	-	1.0000	1.2975	46.86 m/s	1.3175 kPa	0.8131
7.09 m	688.1 mm	0.3440 m²	0.80	1.6450	0.9943	0	-	-	1.0000	1.2994	46.51 m/s	1.2979 kPa	0.8126
6.59 m	697.8 mm	0.3489 m²	0.80	1.6500	0.9854	0	-	-	1.0000	1.3013	46.16 m/s	1.2784 kPa	0.8121
6.09 m	707.5 mm	0.3537 m²	0.80	1.6549	0.9764	0	-	-	1.0000	1.3032	45.81 m/s	1.2591 kPa	0.8117
5.59 m	717.2 mm	0.3586 m²	0.80	1.6598	0.9674	0	-	-	1.0000	1.3052	45.46 m/s	1.2400 kPa	0.8112
5.03 m	708.1 mm	0.4426 m²	0.80	1.6652	0.9573	0	-	-	1.0000	1.3074	45.06 m/s	1.2182 kPa	0.8107
4.40 m	720.4 mm	0.4502 m²	0.80	1.6711	0.9501	0	-	-	1.0000	1.3099	44.80 m/s	1.2042 kPa	0.8103
3.79 m	732.4 mm	0.4394 m²	0.80	1.6768	0.9435	0	-	-	1.0000	1.3124	44.58 m/s	1.1924 kPa	0.8100
3.48 m	738.5 mm	0.0185 m²	0.80	1.6797	0.9402	1	3.50 m	18.60 m	0.9078	1.3137	40.37 m/s	0.9778 kPa	0.8038
3.15 m	744.9 mm	0.4655 m²	0.80	1.6827	0.9368	1	3.50 m	18.60 m	0.8953	1.3151	39.71 m/s	0.9461 kPa	0.8028
2.53 m	757.1 mm	0.4732 m²	0.80	1.6884	0.9349	1	3.50 m	18.60 m	0.8566	1.3177	37.99 m/s	0.8659 kPa	0.8000
1.90 m	769.4 mm	0.4809 m²	0.80	1.6940	0.9345	1	3.50 m	18.60 m	0.8178	1.3204	36.33 m/s	0.7919 kPa	0.7972
1.41 m	778.9 mm	0.2726 m²	0.80	1.6983	0.9341	1	3.50 m	18.60 m	0.7753	1.3225	34.48 m/s	0.7133 kPa	0.7939
1.10 m	785.1 mm	0.2159 m²	0.80	1.7010	0.9339	1	3.50 m	18.60 m	0.7366	1.3239	32.79 m/s	0.6451 kPa	0.7906
0.65 m	793.9 mm	0.4962 m²	0.80	1.7049	0.9336	1	3.50 m	18.60 m	0.7000	1.3259	31.19 m/s	0.5837 kPa	0.7874

SOUTH EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	1.5000	1.1716	0	-	-	1.0000	1.2136	60.78 m/s	2.2165 kPa	0.8286
29.92 m	297.9 mm	0.1820 m²	0.95	1.5000	1.1697	0	-	-	1.0000	1.2148	60.75 m/s	2.2143 kPa	0.8286
29.55 m	305.0 mm	0.0390 m²	0.95	1.5000	1.1684	0	-	-	1.0000	1.2155	60.71 m/s	2.2114 kPa	0.8286
29.25 m	311.0 mm	0.1503 m²	0.95	1.5000	1.1674	0	-	-	1.0000	1.2161	60.69 m/s	2.2100 kPa	0.8285
28.70 m	321.6 mm	0.1965 m²	0.95	1.5000	1.1654	0	-	-	1.0000	1.2171	60.64 m/s	2.2063 kPa	0.8285
28.09 m	333.5 mm	0.2038 m²	0.95	1.5000	1.1633	0	-	-	1.0000	1.2184	60.59 m/s	2.2027 kPa	0.8284
27.48 m	345.4 mm	0.2111 m²	0.95	1.5000	1.1612	0	-	-	1.0000	1.2196	60.54 m/s	2.1991 kPa	0.8284
26.87 m	357.3 mm	0.2183 m²	0.95	1.5000	1.1590	0	-	-	1.0000	1.2208	60.49 m/s	2.1954 kPa	0.8283
26.26 m	369.2 mm	0.2256 m²	0.95	1.5000	1.1569	0	-	-	1.0000	1.2221	60.44 m/s	2.1918 kPa	0.8283
25.64 m	381.1 mm	0.2329 m²	0.95	1.5000	1.1548	0	-	-	1.0000	1.2234	60.40 m/s	2.1889 kPa	0.8283
25.09 m	381.9 mm	0.1909 m²	0.95	1.5000	1.1528	0	-	-	1.0000	1.2245	60.35 m/s	2.1853 kPa	0.8282
24.59 m	391.6 mm	0.1958 m²	0.95	1.5000	1.1511	0	-	-	1.0000	1.2256	60.31 m/s	2.1824 kPa	0.8282
24.09 m	401.3 mm	0.2006 m²	0.95	1.5000	1.1493	0	-	-	1.0000	1.2267	60.27 m/s	2.1795 kPa	0.8281
23.59 m	411.0 mm	0.2055 m²	0.95	1.5000	1.1476	0	-	-	1.0000	1.2278	60.24 m/s	2.1773 kPa	0.8281
23.09 m	420.7 mm	0.2103 m²	0.95	1.5000	1.1458	0	-	-	1.0000	1.2288	60.19 m/s	2.1737 kPa	0.8280
22.59 m	430.4 mm	0.2152 m²	0.95	1.5000	1.1441	0	-	-	1.0000	1.2299	60.15 m/s	2.1708 kPa	0.8280
22.09 m	440.1 mm	0.2200 m²	0.95	1.5000	1.1423	0	-	-	1.0000	1.2311	60.12 m/s	2.1686 kPa	0.8280
21.59 m	449.8 mm	0.2249 m²	0.95	1.5000	1.1406	0	-	-	1.0000	1.2322	60.08 m/s	2.1658 kPa	0.8279
21.09 m	459.5 mm	0.2297 m²	0.95	1.5000	1.1388	0	-	-	1.0000	1.2333	60.04 m/s	2.1629 kPa	0.8279
20.59 m	469.2 mm	0.2346 m²	0.95	1.5000	1.1371	0	-	-	1.0000	1.2345	60.01 m/s	2.1607 kPa	0.8279

20.09 m	466.9 mm	0.2335 m²	0.95	1.5000	1.1353	0	-	-	1.0000	1.2356	59.97 m/s	2.1578 kPa	0.8278
19.59 m	476.7 mm	0.2384 m²	0.95	1.5000	1.1325	0	-	-	1.0000	1.2368	59.88 m/s	2.1514 kPa	0.8277
19.09 m	486.5 mm	0.2433 m²	0.95	1.5053	1.1290	0	-	-	1.0000	1.2380	59.75 m/s	2.1420 kPa	0.8276
18.59 m	496.3 mm	0.2482 m²	0.95	1.5120	1.1252	0	-	-	1.0000	1.2392	59.61 m/s	2.1320 kPa	0.8275
18.09 m	506.1 mm	0.2531 m²	0.95	1.5187	1.1215	0	-	-	1.0000	1.2404	59.47 m/s	2.1220 kPa	0.8273
17.59 m	515.9 mm	0.2580 m²	0.95	1.5252	1.1178	0	-	-	1.0000	1.2416	59.33 m/s	2.1120 kPa	0.8272
17.09 m	525.7 mm	0.2629 m²	0.95	1.5317	1.1140	0	-	-	1.0000	1.2428	59.19 m/s	2.1021 kPa	0.8271
16.59 m	535.5 mm	0.2678 m²	0.95	1.5380	1.1104	0	-	-	1.0000	1.2441	59.06 m/s	2.0929 kPa	0.8269
16.09 m	545.3 mm	0.2727 m²	0.95	1.5443	1.1067	0	-	-	1.0000	1.2453	58.92 m/s	2.0829 kPa	0.8268
15.59 m	555.1 mm	0.2776 m²	0.95	1.5505	1.1030	0	-	-	1.0000	1.2466	58.78 m/s	2.0731 kPa	0.8267
15.09 m	548.9 mm	0.2744 m²	0.95	1.5567	1.0993	0	-	-	1.0000	1.2479	58.65 m/s	2.0639 kPa	0.8265
14.59 m	558.6 mm	0.2793 m²	0.95	1.5627	1.0944	0	-	-	1.0000	1.2492	58.44 m/s	2.0491 kPa	0.8263
14.09 m	568.3 mm	0.2841 m²	0.95	1.5687	1.0891	0	-	-	1.0000	1.2505	58.22 m/s	2.0337 kPa	0.8261
13.59 m	578.0 mm	0.2890 m²	0.95	1.5746	1.0839	0	-	-	1.0000	1.2518	58.00 m/s	2.0184 kPa	0.8259
13.09 m	587.7 mm	0.2938 m²	0.95	1.5804	1.0787	0	-	-	1.0000	1.2531	57.79 m/s	2.0038 kPa	0.8257
12.59 m	597.4 mm	0.2987 m²	0.95	1.5862	1.0734	0	-	-	1.0000	1.2545	57.57 m/s	1.9886 kPa	0.8254
12.09 m	607.1 mm	0.3035 m²	0.95	1.5919	1.0682	0	-	-	1.0000	1.2559	57.35 m/s	1.9734 kPa	0.8252
11.59 m	616.8 mm	0.3084 m²	0.95	1.5975	1.0629	0	-	-	1.0000	1.2572	57.13 m/s	1.9583 kPa	0.8250
11.09 m	626.5 mm	0.3132 m²	0.95	1.6030	1.0577	0	-	-	1.0000	1.2586	56.91 m/s	1.9432 kPa	0.8247
10.59 m	636.2 mm	0.3181 m²	0.95	1.6085	1.0524	0	-	-	1.0000	1.2600	56.69 m/s	1.9283 kPa	0.8245
10.09 m	629.9 mm	0.3149 m²	0.95	1.6139	1.0472	0	-	-	1.0000	1.2615	56.47 m/s	1.9133 kPa	0.8243
9.59 m	639.6 mm	0.3198 m²	0.95	1.6192	1.0389	0	-	-	1.0000	1.2629	56.09 m/s	1.8877 kPa	0.8239
9.09 m	649.3 mm	0.3246 m²	0.95	1.6245	1.0300	0	-	-	1.0000	1.2644	55.67 m/s	1.8595 kPa	0.8234
8.59 m	659.0 mm	0.3295 m²	0.95	1.6297	1.0211	0	-	-	1.0000	1.2658	55.25 m/s	1.8315 kPa	0.8230
8.09 m	668.7 mm	0.3343 m²	0.95	1.6349	1.0122	0	-	-	1.0000	1.2673	54.84 m/s	1.8045 kPa	0.8225
7.59 m	678.4 mm	0.3392 m²	0.95	1.6400	1.0033	0	-	-	1.0000	1.2688	54.42 m/s	1.7769 kPa	0.8221
7.09 m	688.1 mm	0.3440 m²	0.95	1.6450	0.9943	0	-	-	1.0000	1.2704	54.00 m/s	1.7496 kPa	0.8216
6.59 m	697.8 mm	0.3489 m²	0.95	1.6500	0.9854	5	7.00 m	32.63 m	0.8017	1.2719	42.95 m/s	1.1068 kPa	0.8077
6.09 m	707.5 mm	0.3537 m²	0.95	1.6549	0.9764	5	7.00 m	32.63 m	0.7880	1.2735	41.89 m/s	1.0529 kPa	0.8061
5.59 m	717.2 mm	0.3586 m²	0.95	1.6598	0.9674	5	7.00 m	32.63 m	0.7726	1.2750	40.74 m/s	0.9958 kPa	0.8044
5.03 m	708.1 mm	0.4426 m²	0.95	1.6652	0.9573	5	7.00 m	32.63 m	0.7552	1.2768	39.46 m/s	0.9343 kPa	0.8024
4.40 m	720.4 mm	0.4502 m²	0.95	1.6711	0.9501	5	7.00 m	32.63 m	0.7359	1.2789	38.23 m/s	0.8769 kPa	0.8004
3.79 m	732.4 mm	0.4394 m²	0.95	1.6768	0.9435	5	7.00 m	32.63 m	0.7170	1.2809	37.04 m/s	0.8232 kPa	0.7984
3.48 m	738.5 mm	0.0185 m²	0.95	1.6797	0.9402	9	5.44 m	24.81 m	0.7220	1.2819	37.20 m/s	0.8303 kPa	0.7987
3.15 m	744.9 mm	0.4655 m²	0.95	1.6827	0.9368	9	5.44 m	24.81 m	0.7105	1.2830	36.51 m/s	0.7998 kPa	0.7975
2.53 m	757.1 mm	0.4732 m²	0.95	1.6884	0.9349	9	5.44 m	24.81 m	0.7000	1.2851	35.95 m/s	0.7754 kPa	0.7965
1.90 m	769.4 mm	0.4809 m²	0.95	1.6940	0.9345	9	5.44 m	24.81 m	0.7000	1.2873	36.00 m/s	0.7776 kPa	0.7966
1.41 m	778.9 mm	0.2726 m²	0.95	1.6983	0.9341	9	5.44 m	24.81 m	0.7000	1.2890	36.03 m/s	0.7789 kPa	0.7967
1.10 m	785.1 mm	0.2159 m²	0.95	1.7010	0.9339	9	5.44 m	24.81 m	0.7000	1.2901	36.05 m/s	0.7798 kPa	0.7967
0.65 m	793.9 mm	0.4962 m²	0.95	1.7049	0.9336	9	5.44 m	24.81 m	0.7000	1.2917	36.09 m/s	0.7815 kPa	0.7968

SOUTH WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.90	1.5000	1.1716	0	-	-	1.0000	1.1671	55.38 m/s	1.8402 kPa	0.8231
29.92 m	297.9 mm	0.1820 m²	0.90	1.5000	1.1697	0	-	-	1.0000	1.1679	55.33 m/s	1.8368 kPa	0.8231
29.55 m	305.0 mm	0.0390 m²	0.90	1.5000	1.1684	0	-	-	1.0000	1.1684	55.29 m/s	1.8342 kPa	0.8230
29.25 m	311.0 mm	0.1503 m²	0.90	1.5000	1.1674	0	-	-	1.0000	1.1688	55.26 m/s	1.8322 kPa	0.8230
28.70 m	321.6 mm	0.1965 m²	0.90	1.5000	1.1654	0	-	-	1.0000	1.1695	55.20 m/s	1.8282 kPa	0.8229
28.09 m	333.5 mm	0.2038 m²	0.90	1.5000	1.1633	0	-	-	1.0000	1.1703	55.14 m/s	1.8243 kPa	0.8229
27.48 m	345.4 mm	0.2111 m²	0.90	1.5000	1.1612	0	-	-	1.0000	1.1712	55.08 m/s	1.8203 kPa	0.8228
26.87 m	357.3 mm	0.2183 m²	0.90	1.5000	1.1590	0	-	-	1.0000	1.1720	55.01 m/s	1.8157 kPa	0.8227
26.26 m	369.2 mm	0.2256 m²	0.90	1.5000	1.1569	0	-	-	1.0000	1.1728	54.95 m/s	1.8117 kPa	0.8227
25.64 m	381.1 mm	0.2329 m²	0.90	1.5000	1.1548	0	-	-	1.0000	1.1737	54.89 m/s	1.8077 kPa	0.8226
25.09 m	381.9 mm	0.1909 m²	0.90	1.5000	1.1528	0	-	-	1.0000	1.1744	54.83 m/s	1.8038 kPa	0.8225
24.59 m	391.6 mm	0.1958 m²	0.90	1.5000	1.1511	0	-	-	1.0000	1.1751	54.78 m/s	1.8005 kPa	0.8225
24.09 m	401.3 mm	0.2006 m²	0.90	1.5038	1.1489	0	-	-	1.0000	1.1759	54.72 m/s	1.7966 kPa	0.8224
23.59 m	411.0 mm	0.2055 m²	0.90	1.5110	1.1464	0	-	-	1.0000	1.1766	54.63 m/s	1.7907 kPa	0.8223
23.09 m	420.7 mm	0.2103 m²	0.90	1.5181	1.1439	0	-	-	1.0000	1.1773	54.54 m/s	1.7848 kPa	0.8222
22.59 m	430.4 mm	0.2152 m²	0.90	1.5251	1.1414	0	-	-	1.0000	1.1780	54.46 m/s	1.7795 kPa	0.8221
22.09 m	440.1 mm	0.2200 m²	0.90	1.5321	1.1388	0	-	-	1.0000	1.1788	54.37 m/s	1.7737 kPa	0.8220
21.59 m	449.8 mm	0.2249 m²	0.90	1.5389	1.1363	0	-	-	1.0000	1.1795	54.28 m/s	1.7678 kPa	0.8219
21.09 m	459.5 mm	0.2297 m²	0.90	1.5456	1.1338	0	-	-	1.0000	1.1802	54.19 m/s	1.7619 kPa	0.8218
20.59 m	469.2 mm	0.2346 m²	0.90	1.5523	1.1313	0	-	-	1.0000	1.1810	54.11 m/s	1.7567 kPa	0.8217
20.09 m	466.9 mm	0.2335 m²	0.90	1.5588	1.1288	0	-	-	1.0000	1.1818	54.03 m/s	1.7515 kPa	0.8217
19.59 m	476.7 mm	0.2384 m²	0.90	1.5652	1.1254	0	-	-	1.0000	1.1825	53.90 m/s	1.7431 kPa	0.8215
19.09 m	486.5 mm	0.2433 m²	0.90	1.5716	1.1217	0	-	-	1.0000	1.1833	53.76 m/s	1.7341 kPa	0.8214
18.59 m	496.3 mm	0.2482 m²	0.90	1.5779	1.1180	0	-	-	1.0000	1.1841	53.61 m/s	1.7244 kPa	0.8212
18.09 m	506.1 mm	0.2531 m²	0.90	1.5841	1.1143	0	-	-	1.0000	1.1849	53.47 m/s	1.7154 kPa	0.8210
17.59 m	515.9 mm	0.2580 m²	0.90	1.5902	1.1106	0	-	-	1.0000	1.1857	53.33 m/s	1.7065 kPa	0.8209
17.09 m	525.7 mm	0.2629 m²	0.90	1.5962	1.1070	0	-	-	1.0000	1.1865	53.19 m/s	1.6975 kPa	0.8207
16.59 m	535.5 mm	0.2678 m²	0.90	1.6022	1.1033	0	-	-	1.0000	1.1873	53.05 m/s	1.6886 kPa	0.8206
16.09 m	545.3 mm	0.2727 m²	0.90	1.6080	1.0997	0	-	-	1.0000	1.1881	52.92 m/s	1.6803 kPa	0.8204
15.59 m	555.1 mm	0.2776 m²	0.90	1.6138	1.0960	0	-	-	1.0000	1.1889	52.77 m/s	1.6708 kPa	0.8202
15.09 m	548.9 mm	0.2744 m²	0.90	1.6196	1.0924	0	-	-	1.0000	1.1897	52.63 m/s	1.6620 kPa	0.8201
14.59 m	558.6 mm	0.2793 m²	0.90	1.6252	1.0874	0	-	-	1.0000	1.1906	52.43 m/s	1.6493 kPa	0.8199
14.09 m	568.3 mm	0.2841 m²	0.90	1.6308	1.0822	0	-	-	1.0000	1.1914	52.22 m/s	1.6362 kPa	0.8196
13.59 m	578.0 mm	0.2890 m²	0.90	1.6363	1.0769	0	-	-	1.0000	1.1922	52.00 m/s	1.6224 kPa	0.8194
13.09 m	587.7 mm	0.2938 m²	0.90	1.6417	1.0717	0	-	-	1.0000	1.1931	51.79 m/s	1.6093 kPa	0.8191
12.59 m	597.4 mm	0.2987 m²	0.90	1.6471	1.0664	0	-	-	1.0000	1.1940	51.57 m/s	1.5957 kPa	0.8189
12.09 m	607.1 mm	0.3035 m²	0.90	1.6524	1.0612	0	-	-	1.0000	1.1948	51.35 m/s	1.5821 kPa	0.8186
11.59 m	616.8 mm	0.3084 m²	0.90	1.6576	1.0559	0	-	-	1.0000	1.1957	51.13 m/s	1.5686 kPa	0.8183
11.09 m	626.5 mm	0.3132 m²	0.90	1.6628	1.0506	0	-	-	1.0000	1.1966	50.91 m/s	1.5551 kPa	0.8181
10.59 m	636.2 mm	0.3181 m²	0.90	1.6679	1.0454	0	-	-	1.0000	1.1975	50.70 m/s	1.5423 kPa	0.8178
10.09 m	629.9 mm	0.3149 m²	0.90	1.6730	1.0401	0	-	-	1.0000	1.1984	50.48 m/s	1.5289 kPa	0.8176
9.59 m	639.6 mm	0.3198 m²	0.90	1.6780	1.0318	0	-	-	1.0000	1.1993	50.12 m/s	1.5072 kPa	0.8171
9.09 m	649.3 mm	0.3246 m²	0.90	1.6829	1.0228	0	-	-	1.0000	1.2002	49.72 m/s	1.4832 kPa	0.8167
8.59 m	659.0 mm	0.3295 m²	0.90	1.6878	1.0138	0	-	-	1.0000	1.2012	49.32 m/s	1.4595 kPa	0.8162
8.09 m	668.7 mm	0.3343 m²	0.90	1.6926	1.0048	0	-	-	1.0000	1.2021	48.92 m/s	1.4359 kPa	0.8157
7.59 m	678.4 mm	0.3392 m²	0.90	1.6973	0.9959	0	-	-	1.0000	1.2031	48.53 m/s	1.4131 kPa	0.8152
7.09 m	688.1 mm	0.3440 m²	0.90	1.7020	0.9868	0	-	-	1.0000	1.2040	48.12 m/s	1.3893 kPa	0.8147
6.59 m	697.8 mm	0.3489 m²	0.90	1.7067	0.9778	7	7.00 m	40.47 m	0.7678	1.2050	36.64 m/s	0.8055 kPa	0.7977
6.09 m	707.5 mm	0.3537 m²	0.90	1.7112	0.9688	7	7.00 m	40.47 m	0.7551	1.2059	35.73 m/s	0.7660 kPa	0.7961
5.59 m	717.2 mm	0.3586 m²	0.90	1.7158	0.9597	7	7.00 m	40.47 m	0.7423	1.2069	34.82 m/s	0.7275 kPa	0.7945
5.03 m	708.1 mm	0.4426 m²	0.90	1.7208	0.9495	7	7.00 m	40.47 m	0.7280	1.2081	33.82 m/s	0.6863 kPa	0.7926
4.40 m	720.4 mm	0.4502 m²	0.90	1.7264	0.9434	7	7.00 m	40.47 m	0.7121	1.2093	32.90 m/s	0.6494 kPa	0.7909
3.79 m	732.4 mm	0.4394 m²	0.90	1.7317	0.9378	7	7.00 m	40.47 m	0.7000	1.2106	32.19 m/s	0.6217 kPa	0.7894
3.48 m	738.5 mm	0.0185 m²	0.90	1.7344	0.9351	20	4.73 m	25.20 m	0.7168	1.2112	32.88 m/s	0.6487 kPa	0.7908
3.15 m	744.9 mm	0.4655 m²	0.90	1.7372	0.9322	20	4.73 m	25.20 m	0.7058	1.2119	32.29 m/s	0.6256 kPa	0.7896
2.53 m	757.1 mm	0.4732 m²	0.90	1.7425	0.9306	20	4.73 m	25.20 m	0.7000	1.2132	32.01 m/s	0.6148 kPa	0.7891
1.90 m	769.4 mm	0.4809 m²	0.90	1.7477	0.9302	20	4.73 m	25.20 m	0.7000	1.2145	32.03 m/s	0.6156 kPa	0.7891

1.41 m	778.9 mm	0.2726 m²	0.90	1.7517	0.9299	20	4.73 m	25.20 m	0.7000	1.2155	32.04 m/s	0.6159 kPa	0.7891
1.10 m	785.1 mm	0.2159 m²	0.90	1.7543	0.9297	20	4.73 m	25.20 m	0.7000	1.2162	32.06 m/s	0.6167 kPa	0.7892
0.65 m	793.9 mm	0.4962 m²	0.90	1.7579	0.9294	20	4.73 m	25.20 m	0.7000	1.2172	32.07 m/s	0.6171 kPa	0.7892

SOUTH WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	2.8142	1.0244	0	-	-	1.0000	1.1369	49.79 m/s	1.4874 kPa	0.8167
29.92 m	297.9 mm	0.1820 m²	0.95	2.8112	1.0222	0	-	-	1.0000	1.1376	49.71 m/s	1.4827 kPa	0.8166
29.55 m	305.0 mm	0.0390 m²	0.95	2.8093	1.0204	0	-	-	1.0000	1.1381	49.65 m/s	1.4791 kPa	0.8166
29.25 m	311.0 mm	0.1503 m²	0.95	2.8078	1.0188	0	-	-	1.0000	1.1385	49.59 m/s	1.4755 kPa	0.8165
28.70 m	321.6 mm	0.1965 m²	0.95	2.8052	1.0161	0	-	-	1.0000	1.1392	49.48 m/s	1.4690 kPa	0.8164
28.09 m	333.5 mm	0.2038 m²	0.95	2.8023	1.0130	0	-	-	1.0000	1.1400	49.37 m/s	1.4624 kPa	0.8162
27.48 m	345.4 mm	0.2111 m²	0.95	2.7995	1.0099	0	-	-	1.0000	1.1407	49.25 m/s	1.4553 kPa	0.8161
26.87 m	357.3 mm	0.2183 m²	0.95	2.7967	1.0069	0	-	-	1.0000	1.1415	49.14 m/s	1.4488 kPa	0.8159
26.26 m	369.2 mm	0.2256 m²	0.95	2.7939	1.0038	0	-	-	1.0000	1.1423	49.02 m/s	1.4418 kPa	0.8158
25.64 m	381.1 mm	0.2329 m²	0.95	2.7913	1.0007	0	-	-	1.0000	1.1432	48.91 m/s	1.4353 kPa	0.8157
25.09 m	381.9 mm	0.1909 m²	0.95	2.7889	0.9979	0	-	-	1.0000	1.1439	48.80 m/s	1.4289 kPa	0.8155
24.59 m	391.6 mm	0.1958 m²	0.95	2.7867	0.9954	0	-	-	1.0000	1.1446	48.71 m/s	1.4236 kPa	0.8154
24.09 m	401.3 mm	0.2006 m²	0.95	2.7846	0.9929	0	-	-	1.0000	1.1453	48.61 m/s	1.4178 kPa	0.8153
23.59 m	411.0 mm	0.2055 m²	0.95	2.7826	0.9904	0	-	-	1.0000	1.1460	48.52 m/s	1.4125 kPa	0.8152
23.09 m	420.7 mm	0.2103 m²	0.95	2.7805	0.9879	0	-	-	1.0000	1.1467	48.43 m/s	1.4073 kPa	0.8151
22.59 m	430.4 mm	0.2152 m²	0.95	2.7785	0.9854	0	-	-	1.0000	1.1474	48.34 m/s	1.4021 kPa	0.8149
22.09 m	440.1 mm	0.2200 m²	0.95	2.7766	0.9829	0	-	-	1.0000	1.1481	48.24 m/s	1.3963 kPa	0.8148
21.59 m	449.8 mm	0.2249 m²	0.95	2.7746	0.9804	0	-	-	1.0000	1.1488	48.15 m/s	1.3911 kPa	0.8147
21.09 m	459.5 mm	0.2297 m²	0.95	2.7727	0.9779	0	-	-	1.0000	1.1495	48.06 m/s	1.3859 kPa	0.8146
20.59 m	469.2 mm	0.2346 m²	0.95	2.7708	0.9754	0	-	-	1.0000	1.1503	47.97 m/s	1.3807 kPa	0.8145
20.09 m	466.9 mm	0.2335 m²	0.95	2.7689	0.9728	0	-	-	1.0000	1.1510	47.87 m/s	1.3749 kPa	0.8144
19.59 m	476.7 mm	0.2384 m²	0.95	2.7671	0.9689	0	-	-	1.0000	1.1518	47.71 m/s	1.3657 kPa	0.8141
19.09 m	486.5 mm	0.2433 m²	0.95	2.7653	0.9646	0	-	-	1.0000	1.1525	47.53 m/s	1.3555 kPa	0.8139
18.59 m	496.3 mm	0.2482 m²	0.95	2.7635	0.9603	0	-	-	1.0000	1.1533	47.35 m/s	1.3452 kPa	0.8137
18.09 m	506.1 mm	0.2531 m²	0.95	2.7617	0.9561	0	-	-	1.0000	1.1541	47.17 m/s	1.3350 kPa	0.8135
17.59 m	515.9 mm	0.2580 m²	0.95	2.7599	0.9518	0	-	-	1.0000	1.1549	46.99 m/s	1.3248 kPa	0.8132
17.09 m	525.7 mm	0.2629 m²	0.95	2.7582	0.9476	0	-	-	1.0000	1.1556	46.81 m/s	1.3147 kPa	0.8130
16.59 m	535.5 mm	0.2678 m²	0.95	2.7565	0.9433	0	-	-	1.0000	1.1564	46.63 m/s	1.3046 kPa	0.8128
16.09 m	545.3 mm	0.2727 m²	0.95	2.7548	0.9391	0	-	-	1.0000	1.1572	46.46 m/s	1.2951 kPa	0.8125
15.59 m	555.1 mm	0.2776 m²	0.95	2.7532	0.9348	0	-	-	1.0000	1.1581	46.28 m/s	1.2851 kPa	0.8123
15.09 m	548.9 mm	0.2744 m²	0.95	2.7516	0.9305	0	-	-	1.0000	1.1589	46.10 m/s	1.2751 kPa	0.8121
14.59 m	558.6 mm	0.2793 m²	0.95	2.7499	0.9253	0	-	-	1.0000	1.1597	45.87 m/s	1.2624 kPa	0.8117
14.09 m	568.3 mm	0.2841 m²	0.95	2.7483	0.9198	0	-	-	1.0000	1.1605	45.63 m/s	1.2493 kPa	0.8114
13.59 m	578.0 mm	0.2890 m²	0.95	2.7468	0.9143	0	-	-	1.0000	1.1614	45.39 m/s	1.2362 kPa	0.8111
13.09 m	587.7 mm	0.2938 m²	0.95	2.7452	0.9088	0	-	-	1.0000	1.1622	45.15 m/s	1.2231 kPa	0.8108
12.59 m	597.4 mm	0.2987 m²	0.95	2.7437	0.9033	0	-	-	1.0000	1.1631	44.91 m/s	1.2101 kPa	0.8104
12.09 m	607.1 mm	0.3035 m²	0.95	2.7422	0.8978	0	-	-	1.0000	1.1640	44.68 m/s	1.1978 kPa	0.8101
11.59 m	616.8 mm	0.3084 m²	0.95	2.7407	0.8923	0	-	-	1.0000	1.1649	44.44 m/s	1.1849 kPa	0.8098
11.09 m	626.5 mm	0.3132 m²	0.95	2.7392	0.8868	0	-	-	1.0000	1.1658	44.20 m/s	1.1722 kPa	0.8095
10.59 m	636.2 mm	0.3181 m²	0.95	2.7377	0.8814	0	-	-	1.0000	1.1667	43.96 m/s	1.1595 kPa	0.8091
10.09 m	629.9 mm	0.3149 m²	0.95	2.7363	0.8759	0	-	-	1.0000	1.1676	43.72 m/s	1.1469 kPa	0.8088
9.59 m	639.6 mm	0.3198 m²	0.95	2.7349	0.8731	0	-	-	1.0000	1.1685	43.61 m/s	1.1411 kPa	0.8086
9.09 m	649.3 mm	0.3246 m²	0.95	2.7335	0.8709	0	-	-	1.0000	1.1694	43.54 m/s	1.1374 kPa	0.8085
8.59 m	659.0 mm	0.3295 m²	0.95	2.7321	0.8687	0	-	-	1.0000	1.1704	43.47 m/s	1.1338 kPa	0.8084
8.09 m	668.7 mm	0.3343 m²	0.95	2.7307	0.8665	0	-	-	1.0000	1.1713	43.39 m/s	1.1296 kPa	0.8083
7.59 m	678.4 mm	0.3392 m²	0.95	2.7293	0.8643	0	-	-	1.0000	1.1723	43.32 m/s	1.1260 kPa	0.8082
7.09 m	688.1 mm	0.3440 m²	0.95	2.7280	0.8620	0	-	-	1.0000	1.1733	43.24 m/s	1.1218 kPa	0.8081
6.59 m	697.8 mm	0.3489 m²	0.95	2.7267	0.8597	7	7.00 m	31.20 m	0.7911	1.1743	34.14 m/s	0.6993 kPa	0.7932
6.09 m	707.5 mm	0.3537 m²	0.95	2.7254	0.8574	7	7.00 m	31.20 m	0.7766	1.1753	33.46 m/s	0.6717 kPa	0.7919
5.59 m	717.2 mm	0.3586 m²	0.95	2.7241	0.8550	7	7.00 m	31.20 m	0.7621	1.1763	32.77 m/s	0.6443 kPa	0.7906
5.03 m	708.1 mm	0.4426 m²	0.95	2.7226	0.8523	7	7.00 m	31.20 m	0.7458	1.1774	31.99 m/s	0.6140 kPa	0.7890
4.40 m	720.4 mm	0.4502 m²	0.95	2.7210	0.8523	7	7.00 m	31.20 m	0.7276	1.1787	31.25 m/s	0.5859 kPa	0.7875
3.79 m	732.4 mm	0.4394 m²	0.95	2.7195	0.8524	7	7.00 m	31.20 m	0.7099	1.1800	30.53 m/s	0.5592 kPa	0.7860
3.48 m	738.5 mm	0.0185 m²	0.95	2.7187	0.8525	14	5.25 m	21.80 m	0.7238	1.1807	31.15 m/s	0.5822 kPa	0.7873
3.15 m	744.9 mm	0.4655 m²	0.95	2.7179	0.8526	14	5.25 m	21.80 m	0.7122	1.1814	30.67 m/s	0.5644 kPa	0.7863
2.53 m	757.1 mm	0.4732 m²	0.95	2.7164	0.8527	14	5.25 m	21.80 m	0.7000	1.1827	30.18 m/s	0.5465 kPa	0.7853
1.90 m	769.4 mm	0.4809 m²	0.95	2.7149	0.8528	14	5.25 m	21.80 m	0.7000	1.1841	30.22 m/s	0.5479 kPa	0.7853
1.41 m	778.9 mm	0.2726 m²	0.95	2.7138	0.8529	14	5.25 m	21.80 m	0.7000	1.1852	30.25 m/s	0.5490 kPa	0.7854
1.10 m	785.1 mm	0.2159 m²	0.95	2.7131	0.8530	14	5.25 m	21.80 m	0.7000	1.1859	30.27 m/s	0.5498 kPa	0.7855
0.65 m	793.9 mm	0.4962 m²	0.95	2.7120	0.8530	14	5.25 m	21.80 m	0.7000	1.1869	30.30 m/s	0.5509 kPa	0.7855

WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	1.00	3.0000	1.0021	0	-	-	1.0000	1.0638	47.97 m/s	1.3807 kPa	0.8145
29.92 m	297.9 mm	0.1820 m²	1.00	3.0000	0.9995	0	-	-	1.0000	1.0643	47.87 m/s	1.3749 kPa	0.8144
29.55 m	305.0 mm	0.0390 m²	1.00	3.0000	0.9973	0	-	-	1.0000	1.0645	47.77 m/s	1.3692 kPa	0.8142
29.25 m	311.0 mm	0.1503 m²	1.00	3.0000	0.9955	0	-	-	1.0000	1.0648	47.70 m/s	1.3652 kPa	0.8141
28.70 m	321.6 mm	0.1965 m²	1.00	3.0000	0.9922	0	-	-	1.0000	1.0652	47.56 m/s	1.3572 kPa	0.8140
28.09 m	333.5 mm	0.2038 m²	1.00	3.0000	0.9885	0	-	-	1.0000	1.0657	47.41 m/s	1.3486 kPa	0.8138
27.48 m	345.4 mm	0.2111 m²	1.00	3.0000	0.9849	0	-	-	1.0000	1.0662	47.25 m/s	1.3395 kPa	0.8136
26.87 m	357.3 mm	0.2183 m²	1.00	3.0000	0.9812	0	-	-	1.0000	1.0667	47.10 m/s	1.3310 kPa	0.8134
26.26 m	369.2 mm	0.2256 m²	1.00	3.0000	0.9775	0	-	-	1.0000	1.0672	46.94 m/s	1.3220 kPa	0.8132
25.64 m	381.1 mm	0.2329 m²	1.00	3.0000	0.9739	0	-	-	1.0000	1.0677	46.79 m/s	1.3136 kPa	0.8130
25.09 m	381.9 mm	0.1909 m²	1.00	3.0000	0.9705	0	-	-	1.0000	1.0682	46.65 m/s	1.3057 kPa	0.8128
24.59 m	391.6 mm	0.1958 m²	1.00	3.0000	0.9675	0	-	-	1.0000	1.0686	46.52 m/s	1.2985 kPa	0.8126
24.09 m	401.3 mm	0.2006 m²	1.00	3.0000	0.9645	0	-	-	1.0000	1.0691	46.40 m/s	1.2918 kPa	0.8124
23.59 m	411.0 mm	0.2055 m²	1.00	3.0000	0.9615	0	-	-	1.0000	1.0695	46.27 m/s	1.2845 kPa	0.8123
23.09 m	420.7 mm	0.2103 m²	1.00	3.0000	0.9585	0	-	-	1.0000	1.0699	46.15 m/s	1.2779 kPa	0.8121
22.59 m	430.4 mm	0.2152 m²	1.00	3.0000	0.9555	0	-	-	1.0000	1.0704	46.02 m/s	1.2707 kPa	0.8119
22.09 m	440.1 mm	0.2200 m²	1.00	3.0000	0.9525	0	-	-	1.0000	1.0709	45.90 m/s	1.2641 kPa	0.8118
21.59 m	449.8 mm	0.2249 m²	1.00	3.0000	0.9495	0	-	-	1.0000	1.0713	45.77 m/s	1.2569 kPa	0.8116
21.09 m	459.5 mm	0.2297 m²	1.00	3.0000	0.9465	0	-	-	1.0000	1.0718	45.65 m/s	1.2504 kPa	0.8114
20.59 m	469.2 mm	0.2346 m²	1.00	3.0000	0.9435	0	-	-	1.0000	1.0723	45.53 m/s	1.2438 kPa	0.8113
20.09 m	466.9 mm	0.2335 m²	1.00	3.0000	0.9405	0	-	-	1.0000	1.0728	45.40 m/s	1.2367 kPa	0.8111
19.59 m	476.7 mm	0.2384 m²	1.00	3.0000	0.9359	0	-	-	1.0000	1.0733	45.20 m/s	1.2258 kPa	0.8108
19.09 m	486.5 mm	0.2433 m²	1.00	3.0000	0.9309	0	-	-	1.0000	1.0738	44.98 m/s	1.2139 kPa	0.8105
18.59 m	496.3 mm	0.2482 m²	1.00	3.0000	0.9259	0	-	-	1.0000	1.0743	44.76 m/s	1.2021 kPa	0.8102
18.09 m	506.1 mm	0.2531 m²	1.00	3.0000	0.9209	0	-	-	1.0000	1.0748	44.54 m/s	1.1903 kPa	0.8099
17.59 m	515.9 mm	0.2580 m²	1.00	3.0000	0.9159	0	-	-	1.0000	1.0753	44.32 m/s	1.1786 kPa	0.8096
17.09 m	525.7 mm	0.2629 m²	1.00	3.0000	0.9109	0	-	-	1.0000	1.0758	44.10 m/s	1.1669 kPa	0.8093
16.59 m	535.5 mm	0.2678 m²	1.00	3.0000	0.9059	0	-	-	1.0000	1.0764	43.88 m/s	1.1553 kPa	0.8090
16.09 m	545.3 mm	0.2727 m²	1.00	3.0000	0.9009	0	-	-	1.0000	1.0769	43.66 m/s	1.1437 kPa	0.8087
15.59 m	555.1 mm	0.2776 m²	1.00	3.0000	0.8959	0	-	-	1.0000	1.0775	43.44 m/s	1.1322 kPa	0.8084

15.09 m	548.9 mm	0.2744 m²	1.00	3.0000	0.8909	0	-	-	1.0000	1.0780	43.22 m/s	1.1208 kPa	0.8081
14.59 m	558.6 mm	0.2793 m²	1.00	3.0000	0.8851	0	-	-	1.0000	1.0786	42.96 m/s	1.1073 kPa	0.8077
14.09 m	568.3 mm	0.2841 m²	1.00	3.0000	0.8791	0	-	-	1.0000	1.0792	42.69 m/s	1.0935 kPa	0.8073
13.59 m	578.0 mm	0.2890 m²	1.00	3.0000	0.8731	0	-	-	1.0000	1.0798	42.42 m/s	1.0797 kPa	0.8069
13.09 m	587.7 mm	0.2938 m²	1.00	3.0000	0.8671	0	-	-	1.0000	1.0804	42.16 m/s	1.0665 kPa	0.8065
12.59 m	597.4 mm	0.2987 m²	1.00	3.0000	0.8611	0	-	-	1.0000	1.0810	41.89 m/s	1.0529 kPa	0.8061
12.09 m	607.1 mm	0.3035 m²	1.00	3.0000	0.8551	0	-	-	1.0000	1.0816	41.62 m/s	1.0393 kPa	0.8057
11.59 m	616.8 mm	0.3084 m²	1.00	3.0000	0.8491	0	-	-	1.0000	1.0822	41.35 m/s	1.0259 kPa	0.8053
11.09 m	626.5 mm	0.3132 m²	1.00	3.0000	0.8431	0	-	-	1.0000	1.0828	41.08 m/s	1.0125 kPa	0.8049
10.59 m	636.2 mm	0.3181 m²	1.00	3.0000	0.8371	0	-	-	1.0000	1.0835	40.81 m/s	0.9993 kPa	0.8045
10.09 m	629.9 mm	0.3149 m²	1.00	3.0000	0.8311	0	-	-	1.0000	1.0841	40.54 m/s	0.9861 kPa	0.8041
9.59 m	639.6 mm	0.3198 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9494	1.0848	38.47 m/s	0.8880 kPa	0.8008
9.09 m	649.3 mm	0.3246 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9416	1.0855	38.18 m/s	0.8746 kPa	0.8003
8.59 m	659.0 mm	0.3295 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9338	1.0861	37.88 m/s	0.8609 kPa	0.7998
8.09 m	668.7 mm	0.3343 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9260	1.0868	37.59 m/s	0.8478 kPa	0.7994
7.59 m	678.4 mm	0.3392 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9182	1.0875	37.30 m/s	0.8348 kPa	0.7989
7.09 m	688.1 mm	0.3440 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9104	1.0882	37.00 m/s	0.8214 kPa	0.7984
6.59 m	697.8 mm	0.3489 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.8081	1.0890	32.87 m/s	0.6483 kPa	0.7908
6.09 m	707.5 mm	0.3537 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7998	1.0897	32.55 m/s	0.6357 kPa	0.7902
5.59 m	717.2 mm	0.3586 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7834	1.0905	31.91 m/s	0.6109 kPa	0.7889
5.03 m	708.1 mm	0.4426 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7649	1.0913	31.18 m/s	0.5833 kPa	0.7874
4.40 m	720.4 mm	0.4502 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7444	1.0923	30.37 m/s	0.5534 kPa	0.7857
3.79 m	732.4 mm	0.4394 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7243	1.0933	30.00 m/s	0.5400 kPa	0.7849
3.48 m	738.5 mm	0.0185 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7267	1.0938	30.00 m/s	0.5400 kPa	0.7849
3.15 m	744.9 mm	0.4655 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7148	1.0943	30.00 m/s	0.5400 kPa	0.7849
2.53 m	757.1 mm	0.4732 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0954	30.00 m/s	0.5400 kPa	0.7849
1.90 m	769.4 mm	0.4809 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0964	30.00 m/s	0.5400 kPa	0.7849
1.41 m	778.9 mm	0.2726 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0973	30.00 m/s	0.5400 kPa	0.7849
1.10 m	785.1 mm	0.2159 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0978	30.00 m/s	0.5400 kPa	0.7849
0.65 m	793.9 mm	0.4962 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0986	30.00 m/s	0.5400 kPa	0.7849

NORTH WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	3.0000	1.0021	0	-	-	1.0000	1.1739	50.29 m/s	1.5175 kPa	0.8173
29.92 m	297.9 mm	0.1820 m²	0.95	3.0000	0.9995	0	-	-	1.0000	1.1748	50.20 m/s	1.5120 kPa	0.8172
29.55 m	305.0 mm	0.0390 m²	0.95	3.0000	0.9973	0	-	-	1.0000	1.1754	50.11 m/s	1.5066 kPa	0.8171
29.25 m	311.0 mm	0.1503 m²	0.95	3.0000	0.9955	0	-	-	1.0000	1.1758	50.04 m/s	1.5024 kPa	0.8170
28.70 m	321.6 mm	0.1965 m²	0.95	3.0000	0.9922	0	-	-	1.0000	1.1766	49.91 m/s	1.4946 kPa	0.8169
28.09 m	333.5 mm	0.2038 m²	0.95	3.0000	0.9885	0	-	-	1.0000	1.1775	49.76 m/s	1.4856 kPa	0.8167
27.48 m	345.4 mm	0.2111 m²	0.95	3.0000	0.9849	0	-	-	1.0000	1.1785	49.62 m/s	1.4773 kPa	0.8165
26.87 m	357.3 mm	0.2183 m²	0.95	3.0000	0.9812	0	-	-	1.0000	1.1794	49.47 m/s	1.4684 kPa	0.8163
26.26 m	369.2 mm	0.2256 m²	0.95	3.0000	0.9775	0	-	-	1.0000	1.1803	49.32 m/s	1.4595 kPa	0.8162
25.64 m	381.1 mm	0.2329 m²	0.95	3.0000	0.9739	0	-	-	1.0000	1.1813	49.18 m/s	1.4512 kPa	0.8160
25.09 m	381.9 mm	0.1909 m²	0.95	3.0000	0.9705	0	-	-	1.0000	1.1822	49.05 m/s	1.4435 kPa	0.8158
24.59 m	391.6 mm	0.1958 m²	0.95	3.0000	0.9675	0	-	-	1.0000	1.1830	48.93 m/s	1.4365 kPa	0.8157
24.09 m	401.3 mm	0.2006 m²	0.95	3.0000	0.9645	0	-	-	1.0000	1.1838	48.81 m/s	1.4294 kPa	0.8155
23.59 m	411.0 mm	0.2055 m²	0.95	3.0000	0.9615	0	-	-	1.0000	1.1846	48.69 m/s	1.4224 kPa	0.8154
23.09 m	420.7 mm	0.2103 m²	0.95	3.0000	0.9585	0	-	-	1.0000	1.1854	48.57 m/s	1.4154 kPa	0.8152
22.59 m	430.4 mm	0.2152 m²	0.95	3.0000	0.9555	0	-	-	1.0000	1.1862	48.45 m/s	1.4084 kPa	0.8151
22.09 m	440.1 mm	0.2200 m²	0.95	3.0000	0.9525	0	-	-	1.0000	1.1870	48.33 m/s	1.4015 kPa	0.8149
21.59 m	449.8 mm	0.2249 m²	0.95	3.0000	0.9495	0	-	-	1.0000	1.1879	48.22 m/s	1.3951 kPa	0.8148
21.09 m	459.5 mm	0.2297 m²	0.95	3.0000	0.9465	0	-	-	1.0000	1.1887	48.10 m/s	1.3882 kPa	0.8146
20.59 m	469.2 mm	0.2346 m²	0.95	3.0000	0.9435	0	-	-	1.0000	1.1896	47.98 m/s	1.3812 kPa	0.8145
20.09 m	466.9 mm	0.2335 m²	0.95	3.0000	0.9405	0	-	-	1.0000	1.1904	47.86 m/s	1.3743 kPa	0.8143
19.59 m	476.7 mm	0.2384 m²	0.95	3.0000	0.9359	0	-	-	1.0000	1.1913	47.66 m/s	1.3629 kPa	0.8141
19.09 m	486.5 mm	0.2433 m²	0.95	3.0000	0.9309	0	-	-	1.0000	1.1922	47.44 m/s	1.3503 kPa	0.8138
18.59 m	496.3 mm	0.2482 m²	0.95	3.0000	0.9259	0	-	-	1.0000	1.1931	47.23 m/s	1.3384 kPa	0.8135
18.09 m	506.1 mm	0.2531 m²	0.95	3.0000	0.9209	0	-	-	1.0000	1.1940	47.01 m/s	1.3260 kPa	0.8132
17.59 m	515.9 mm	0.2580 m²	0.95	3.0000	0.9159	0	-	-	1.0000	1.1949	46.79 m/s	1.3136 kPa	0.8130
17.09 m	525.7 mm	0.2629 m²	0.95	3.0000	0.9109	0	-	-	1.0000	1.1958	46.57 m/s	1.3013 kPa	0.8127
16.59 m	535.5 mm	0.2678 m²	0.95	3.0000	0.9059	0	-	-	1.0000	1.1967	46.34 m/s	1.2884 kPa	0.8124
16.09 m	545.3 mm	0.2727 m²	0.95	3.0000	0.9009	0	-	-	1.0000	1.1976	46.12 m/s	1.2762 kPa	0.8121
15.59 m	555.1 mm	0.2776 m²	0.95	3.0000	0.8959	0	-	-	1.0000	1.1985	45.90 m/s	1.2641 kPa	0.8118
15.09 m	548.9 mm	0.2744 m²	0.95	3.0000	0.8909	0	-	-	1.0000	1.1995	45.68 m/s	1.2520 kPa	0.8115
14.59 m	558.6 mm	0.2793 m²	0.95	3.0000	0.8851	0	-	-	1.0000	1.2004	45.42 m/s	1.2378 kPa	0.8111
14.09 m	568.3 mm	0.2841 m²	0.95	3.0000	0.8791	0	-	-	1.0000	1.2014	45.15 m/s	1.2231 kPa	0.8108
13.59 m	578.0 mm	0.2890 m²	0.95	3.0000	0.8731	0	-	-	1.0000	1.2024	44.88 m/s	1.2085 kPa	0.8104
13.09 m	587.7 mm	0.2938 m²	0.95	3.0000	0.8671	0	-	-	1.0000	1.2034	44.61 m/s	1.1940 kPa	0.8100
12.59 m	597.4 mm	0.2987 m²	0.95	3.0000	0.8611	0	-	-	1.0000	1.2043	44.33 m/s	1.1791 kPa	0.8096
12.09 m	607.1 mm	0.3035 m²	0.95	3.0000	0.8551	0	-	-	1.0000	1.2053	44.06 m/s	1.1648 kPa	0.8093
11.59 m	616.8 mm	0.3084 m²	0.95	3.0000	0.8491	0	-	-	1.0000	1.2064	43.79 m/s	1.1505 kPa	0.8089
11.09 m	626.5 mm	0.3132 m²	0.95	3.0000	0.8431	0	-	-	1.0000	1.2074	43.52 m/s	1.1364 kPa	0.8085
10.59 m	636.2 mm	0.3181 m²	0.95	3.0000	0.8371	0	-	-	1.0000	1.2084	43.24 m/s	1.1218 kPa	0.8081
10.09 m	629.9 mm	0.3149 m²	0.95	3.0000	0.8311	0	-	-	1.0000	1.2094	42.97 m/s	1.1079 kPa	0.8077
9.59 m	639.6 mm	0.3198 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9408	1.2105	40.41 m/s	0.9798 kPa	0.8039
9.09 m	649.3 mm	0.3246 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9335	1.2116	40.13 m/s	0.9663 kPa	0.8035
8.59 m	659.0 mm	0.3295 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9261	1.2126	39.85 m/s	0.9528 kPa	0.8030
8.09 m	668.7 mm	0.3343 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9188	1.2137	39.57 m/s	0.9395 kPa	0.8026
7.59 m	678.4 mm	0.3392 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9115	1.2148	39.29 m/s	0.9262 kPa	0.8021
7.09 m	688.1 mm	0.3440 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9041	1.2159	39.01 m/s	0.9131 kPa	0.8017
6.59 m	697.8 mm	0.3489 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7777	1.2170	33.58 m/s	0.6766 kPa	0.7922
6.09 m	707.5 mm	0.3537 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7642	1.2181	33.03 m/s	0.6546 kPa	0.7911
5.59 m	717.2 mm	0.3586 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7507	1.2193	32.48 m/s	0.6330 kPa	0.7900
5.03 m	708.1 mm	0.4426 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7355	1.2206	31.85 m/s	0.6087 kPa	0.7888
4.40 m	720.4 mm	0.4502 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7187	1.2220	31.16 m/s	0.5826 kPa	0.7873
3.79 m	732.4 mm	0.4394 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7022	1.2235	30.48 m/s	0.5574 kPa	0.7859
3.48 m	738.5 mm	0.0185 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2242	30.41 m/s	0.5549 kPa	0.7858
3.15 m	744.9 mm	0.4655 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2250	30.43 m/s	0.5556 kPa	0.7858
2.53 m	757.1 mm	0.4732 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2265	30.46 m/s	0.5567 kPa	0.7859
1.90 m	769.4 mm	0.4809 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2281	30.50 m/s	0.5582 kPa	0.7859
1.41 m	778.9 mm	0.2726 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2293	30.53 m/s	0.5592 kPa	0.7860
1.10 m	785.1 mm	0.2159 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2301	30.55 m/s	0.5600 kPa	0.7861
0.65 m	793.9 mm	0.4962 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2312	30.58 m/s	0.5611 kPa	0.7861

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd

30.53 m	286.0 mm	0.1747 m²	0.80	1.7144	1.1504	0	-	-	1.0000	1.1739	48.62 m/s	1.4183 kPa	0.8153
29.92 m	297.9 mm	0.1820 m²	0.80	1.7221	1.1475	0	-	-	1.0000	1.1748	48.53 m/s	1.4131 kPa	0.8152
29.55 m	305.0 mm	0.0390 m²	0.80	1.7267	1.1457	0	-	-	1.0000	1.1754	48.48 m/s	1.4102 kPa	0.8151
29.25 m	311.0 mm	0.1503 m²	0.80	1.7304	1.1442	0	-	-	1.0000	1.1758	48.43 m/s	1.4073 kPa	0.8151
28.70 m	321.6 mm	0.1965 m²	0.80	1.7370	1.1414	0	-	-	1.0000	1.1766	48.35 m/s	1.4026 kPa	0.8150
28.09 m	333.5 mm	0.2038 m²	0.80	1.7442	1.1384	0	-	-	1.0000	1.1775	48.26 m/s	1.3974 kPa	0.8148
27.48 m	345.4 mm	0.2111 m²	0.80	1.7513	1.1354	0	-	-	1.0000	1.1785	48.17 m/s	1.3922 kPa	0.8147
26.87 m	357.3 mm	0.2183 m²	0.80	1.7583	1.1324	0	-	-	1.0000	1.1794	48.08 m/s	1.3870 kPa	0.8146
26.26 m	369.2 mm	0.2256 m²	0.80	1.7652	1.1294	0	-	-	1.0000	1.1803	47.99 m/s	1.3818 kPa	0.8145
25.64 m	381.1 mm	0.2329 m²	0.80	1.7719	1.1264	0	-	-	1.0000	1.1813	47.90 m/s	1.3766 kPa	0.8144
25.09 m	381.9 mm	0.1909 m²	0.80	1.7779	1.1237	0	-	-	1.0000	1.1822	47.82 m/s	1.3721 kPa	0.8143
24.59 m	391.6 mm	0.1958 m²	0.80	1.7832	1.1212	0	-	-	1.0000	1.1830	47.75 m/s	1.3680 kPa	0.8142
24.09 m	401.3 mm	0.2006 m²	0.80	1.7884	1.1188	0	-	-	1.0000	1.1838	47.68 m/s	1.3640 kPa	0.8141
23.59 m	411.0 mm	0.2055 m²	0.80	1.7936	1.1163	0	-	-	1.0000	1.1846	47.61 m/s	1.3600 kPa	0.8140
23.09 m	420.7 mm	0.2103 m²	0.80	1.7987	1.1139	0	-	-	1.0000	1.1854	47.54 m/s	1.3560 kPa	0.8139
22.59 m	430.4 mm	0.2152 m²	0.80	1.8037	1.1114	0	-	-	1.0000	1.1862	47.46 m/s	1.3515 kPa	0.8138
22.09 m	440.1 mm	0.2200 m²	0.80	1.8086	1.1090	0	-	-	1.0000	1.1870	47.39 m/s	1.3475 kPa	0.8137
21.59 m	449.8 mm	0.2249 m²	0.80	1.8135	1.1066	0	-	-	1.0000	1.1879	47.32 m/s	1.3435 kPa	0.8136
21.09 m	459.5 mm	0.2297 m²	0.80	1.8183	1.1041	0	-	-	1.0000	1.1887	47.25 m/s	1.3395 kPa	0.8136
20.59 m	469.2 mm	0.2346 m²	0.80	1.8230	1.1017	0	-	-	1.0000	1.1896	47.18 m/s	1.3356 kPa	0.8135
20.09 m	466.9 mm	0.2335 m²	0.80	1.8277	1.0993	0	-	-	1.0000	1.1904	47.11 m/s	1.3316 kPa	0.8134
19.59 m	476.7 mm	0.2384 m²	0.80	1.8323	1.0960	0	-	-	1.0000	1.1913	47.00 m/s	1.3254 kPa	0.8132
19.09 m	486.5 mm	0.2433 m²	0.80	1.8395	1.0922	0	-	-	1.0000	1.1922	46.88 m/s	1.3186 kPa	0.8131
18.59 m	496.3 mm	0.2482 m²	0.80	1.8474	1.0883	0	-	-	1.0000	1.1931	46.74 m/s	1.3108 kPa	0.8129
18.09 m	506.1 mm	0.2531 m²	0.80	1.8551	1.0845	0	-	-	1.0000	1.1940	46.62 m/s	1.3041 kPa	0.8127
17.59 m	515.9 mm	0.2580 m²	0.80	1.8627	1.0806	0	-	-	1.0000	1.1949	46.48 m/s	1.2962 kPa	0.8126
17.09 m	525.7 mm	0.2629 m²	0.80	1.8703	1.0768	0	-	-	1.0000	1.1958	46.35 m/s	1.2890 kPa	0.8124
16.59 m	535.5 mm	0.2678 m²	0.80	1.8777	1.0730	0	-	-	1.0000	1.1967	46.23 m/s	1.2823 kPa	0.8122
16.09 m	545.3 mm	0.2727 m²	0.80	1.8851	1.0692	0	-	-	1.0000	1.1976	46.10 m/s	1.2751 kPa	0.8121
15.59 m	555.1 mm	0.2776 m²	0.80	1.8923	1.0654	0	-	-	1.0000	1.1985	45.97 m/s	1.2679 kPa	0.8119
15.09 m	548.9 mm	0.2744 m²	0.80	1.8995	1.0616	0	-	-	1.0000	1.1995	45.84 m/s	1.2608 kPa	0.8117
14.59 m	558.6 mm	0.2793 m²	0.80	1.9065	1.0563	0	-	-	1.0000	1.2004	45.65 m/s	1.2504 kPa	0.8114
14.09 m	568.3 mm	0.2841 m²	0.80	1.9135	1.0506	0	-	-	1.0000	1.2014	45.44 m/s	1.2389 kPa	0.8112
13.59 m	578.0 mm	0.2890 m²	0.80	1.9204	1.0449	0	-	-	1.0000	1.2024	45.23 m/s	1.2275 kPa	0.8109
13.09 m	587.7 mm	0.2938 m²	0.80	1.9272	1.0392	0	-	-	1.0000	1.2034	45.02 m/s	1.2161 kPa	0.8106
12.59 m	597.4 mm	0.2987 m²	0.80	1.9339	1.0335	0	-	-	1.0000	1.2043	44.81 m/s	1.2048 kPa	0.8103
12.09 m	607.1 mm	0.3035 m²	0.80	1.9405	1.0278	0	-	-	1.0000	1.2053	44.60 m/s	1.1935 kPa	0.8100
11.59 m	616.8 mm	0.3084 m²	0.80	1.9471	1.0221	0	-	-	1.0000	1.2064	44.39 m/s	1.1823 kPa	0.8097
11.09 m	626.5 mm	0.3132 m²	0.80	1.9535	1.0164	0	-	-	1.0000	1.2074	44.18 m/s	1.1711 kPa	0.8094
10.59 m	636.2 mm	0.3181 m²	0.80	1.9599	1.0107	0	-	-	1.0000	1.2084	43.97 m/s	1.1600 kPa	0.8091
10.09 m	629.9 mm	0.3149 m²	0.80	1.9662	1.0049	0	-	-	1.0000	1.2094	43.75 m/s	1.1484 kPa	0.8088
9.59 m	639.6 mm	0.3198 m²	0.80	1.9724	0.9960	0	-	-	1.0000	1.2105	43.40 m/s	1.1301 kPa	0.8083
9.09 m	649.3 mm	0.3246 m²	0.80	1.9786	0.9863	0	-	-	1.0000	1.2116	43.02 m/s	1.1104 kPa	0.8078
8.59 m	659.0 mm	0.3295 m²	0.80	1.9847	0.9765	0	-	-	1.0000	1.2126	42.63 m/s	1.0904 kPa	0.8072
8.09 m	668.7 mm	0.3343 m²	0.80	1.9907	0.9668	0	-	-	1.0000	1.2137	42.24 m/s	1.0705 kPa	0.8067
7.59 m	678.4 mm	0.3392 m²	0.80	1.9966	0.9571	0	-	-	1.0000	1.2148	41.86 m/s	1.0514 kPa	0.8061
7.09 m	688.1 mm	0.3440 m²	0.80	2.0025	0.9473	0	-	-	1.0000	1.2159	41.47 m/s	1.0319 kPa	0.8055
6.59 m	697.8 mm	0.3489 m²	0.80	2.0083	0.9377	16	7.00 m	21.71 m	0.8002	1.2170	32.87 m/s	0.6483 kPa	0.7908
6.09 m	707.5 mm	0.3537 m²	0.80	2.0141	0.9282	16	7.00 m	21.71 m	0.7852	1.2181	31.96 m/s	0.6129 kPa	0.7890
5.59 m	717.2 mm	0.3586 m²	0.80	2.0197	0.9188	16	7.00 m	21.71 m	0.7700	1.2193	31.05 m/s	0.5785 kPa	0.7871
5.03 m	708.1 mm	0.4426 m²	0.80	2.0260	0.9084	16	7.00 m	21.71 m	0.7529	1.2206	30.05 m/s	0.5418 kPa	0.7850
4.40 m	720.4 mm	0.4502 m²	0.80	2.0329	0.9074	16	7.00 m	21.71 m	0.7339	1.2220	30.00 m/s	0.5400 kPa	0.7849
3.79 m	732.4 mm	0.4394 m²	0.80	2.0396	0.9068	16	7.00 m	21.71 m	0.7153	1.2235	30.00 m/s	0.5400 kPa	0.7849
3.48 m	738.5 mm	0.0185 m²	0.80	2.0430	0.9066	20	6.30 m	21.02 m	0.7108	1.2242	30.00 m/s	0.5400 kPa	0.7849
3.15 m	744.9 mm	0.4655 m²	0.80	2.0465	0.9063	20	6.30 m	21.02 m	0.7004	1.2250	30.00 m/s	0.5400 kPa	0.7849
2.53 m	757.1 mm	0.4732 m²	0.80	2.0531	0.9058	20	6.30 m	21.02 m	0.7000	1.2265	30.00 m/s	0.5400 kPa	0.7849
1.90 m	769.4 mm	0.4809 m²	0.80	2.0596	0.9052	20	6.30 m	21.02 m	0.7000	1.2281	30.00 m/s	0.5400 kPa	0.7849
1.41 m	778.9 mm	0.2726 m²	0.80	2.0647	0.9048	20	6.30 m	21.02 m	0.7000	1.2293	30.00 m/s	0.5400 kPa	0.7849
1.10 m	785.1 mm	0.2159 m²	0.80	2.0678	0.9046	20	6.30 m	21.02 m	0.7000	1.2301	30.00 m/s	0.5400 kPa	0.7849
0.65 m	793.9 mm	0.4962 m²	0.80	2.0724	0.9042	20	6.30 m	21.02 m	0.7000	1.2312	30.00 m/s	0.5400 kPa	0.7849

NORTH EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.80	1.8142	1.1405	0	-	-	1.0000	1.1422	46.90 m/s	1.3198 kPa	0.8131
29.92 m	297.9 mm	0.1820 m²	0.80	1.8111	1.1386	0	-	-	1.0000	1.1428	46.84 m/s	1.3164 kPa	0.8130
29.55 m	305.0 mm	0.0390 m²	0.80	1.8093	1.1374	0	-	-	1.0000	1.1432	46.81 m/s	1.3147 kPa	0.8130
29.25 m	311.0 mm	0.1503 m²	0.80	1.8078	1.1364	0	-	-	1.0000	1.1435	46.78 m/s	1.3130 kPa	0.8129
28.70 m	321.6 mm	0.1965 m²	0.80	1.8052	1.1345	0	-	-	1.0000	1.1440	46.72 m/s	1.3097 kPa	0.8129
28.09 m	333.5 mm	0.2038 m²	0.80	1.8023	1.1325	0	-	-	1.0000	1.1446	46.67 m/s	1.3069 kPa	0.8128
27.48 m	345.4 mm	0.2111 m²	0.80	1.7995	1.1305	0	-	-	1.0000	1.1452	46.61 m/s	1.3035 kPa	0.8127
26.87 m	357.3 mm	0.2183 m²	0.80	1.7967	1.1284	0	-	-	1.0000	1.1458	46.55 m/s	1.3001 kPa	0.8126
26.26 m	369.2 mm	0.2256 m²	0.80	1.7939	1.1264	0	-	-	1.0000	1.1465	46.49 m/s	1.2968 kPa	0.8126
25.64 m	381.1 mm	0.2329 m²	0.80	1.7912	1.1244	0	-	-	1.0000	1.1471	46.43 m/s	1.2934 kPa	0.8125
25.09 m	381.9 mm	0.1909 m²	0.80	1.7889	1.1225	0	-	-	1.0000	1.1477	46.38 m/s	1.2907 kPa	0.8124
24.59 m	391.6 mm	0.1958 m²	0.80	1.7867	1.1208	0	-	-	1.0000	1.1482	46.33 m/s	1.2879 kPa	0.8124
24.09 m	401.3 mm	0.2006 m²	0.80	1.7884	1.1188	0	-	-	1.0000	1.1487	46.27 m/s	1.2845 kPa	0.8123
23.59 m	411.0 mm	0.2055 m²	0.80	1.7936	1.1163	0	-	-	1.0000	1.1492	46.18 m/s	1.2796 kPa	0.8122
23.09 m	420.7 mm	0.2103 m²	0.80	1.7987	1.1139	0	-	-	1.0000	1.1498	46.11 m/s	1.2757 kPa	0.8121
22.59 m	430.4 mm	0.2152 m²	0.80	1.8037	1.1114	0	-	-	1.0000	1.1503	46.02 m/s	1.2707 kPa	0.8119
22.09 m	440.1 mm	0.2200 m²	0.80	1.8086	1.1090	0	-	-	1.0000	1.1508	45.94 m/s	1.2663 kPa	0.8118
21.59 m	449.8 mm	0.2249 m²	0.80	1.8135	1.1066	0	-	-	1.0000	1.1514	45.87 m/s	1.2624 kPa	0.8117
21.09 m	459.5 mm	0.2297 m²	0.80	1.8183	1.1041	0	-	-	1.0000	1.1519	45.79 m/s	1.2580 kPa	0.8116
20.59 m	469.2 mm	0.2346 m²	0.80	1.8230	1.1017	0	-	-	1.0000	1.1525	45.71 m/s	1.2536 kPa	0.8115
20.09 m	466.9 mm	0.2335 m²	0.80	1.8277	1.0993	0	-	-	1.0000	1.1530	45.63 m/s	1.2493 kPa	0.8114
19.59 m	476.7 mm	0.2384 m²	0.80	1.8323	1.0960	0	-	-	1.0000	1.1536	45.52 m/s	1.2432 kPa	0.8113
19.09 m	486.5 mm	0.2433 m²	0.80	1.8369	1.0925	0	-	-	1.0000	1.1542	45.39 m/s	1.2362 kPa	0.8111
18.59 m	496.3 mm	0.2482 m²	0.80	1.8413	1.0890	0	-	-	1.0000	1.1547	45.27 m/s	1.2296 kPa	0.8109
18.09 m	506.1 mm	0.2531 m²	0.80	1.8458	1.0855	0	-	-	1.0000	1.1553	45.15 m/s	1.2231 kPa	0.8108
17.59 m	515.9 mm	0.2580 m²	0.80	1.8501	1.0820	0	-	-	1.0000	1.1559	45.02 m/s	1.2161 kPa	0.8106
17.09 m	525.7 mm	0.2629 m²	0.80	1.8544	1.0786	0	-	-	1.0000	1.1565	44.91 m/s	1.2101 kPa	0.8104
16.59 m	535.5 mm	0.2678 m²	0.80	1.8587	1.0751	0	-	-	1.0000	1.1571	44.78 m/s	1.2031 kPa	0.8103
16.09 m	545.3 mm	0.2727 m²	0.80	1.8629	1.0716	0	-	-	1.0000	1.1576	44.66 m/s	1.1967 kPa	0.8101
15.59 m	555.1 mm	0.2776 m²	0.80	1.8670	1.0682	0	-	-	1.0000	1.1582	44.54 m/s	1.1903 kPa	0.8099
15.09 m	548.9 mm	0.2744 m²	0.80	1.8711	1.0647	0	-	-	1.0000	1.1588	44.42 m/s	1.1839 kPa	0.8098
14.59 m	558.6 mm	0.2793 m²	0.80	1.8751	1.0597	0	-	-	1.0000	1.1594	44.23 m/s	1.1738 kPa	0.8095
14.09 m	568.3 mm	0.2841 m²	0.80	1.8791	1.0544	0	-	-	1.0000	1.1600	44.03 m/s	1.1632 kPa	0.8092
13.59 m	578.0 mm	0.2890 m²	0.80	1.8831	1.0491	0	-	-	1.0000	1.1607	43.84 m/s	1.1532 kPa	0.8090
13.09 m	587.7 mm	0.2938 m²	0.80	1.8869	1.0438	0	-	-	1.0000	1.1613	43.64 m/s	1.1427 kPa	0.8087
12.59 m	597.4 mm	0.2987 m²	0.80	1.8908	1.0384	0	-	-	1.0000	1.1619	43.43 m/s	1.1317 kPa	0.8084
12.09 m	607.1 mm	0.3035 m²	0.80	1.8946	1.0331	0	-	-	1.0000	1.1625	43.24 m/s	1.1218 kPa	0.8081

11.59 m	616.8 mm	0.3084 m²	0.80	1.8983	1.0278	0	-	-	1.0000	1.1632	43.04 m/s	1.1115 kPa	0.8078
11.09 m	626.5 mm	0.3132 m²	0.80	1.9020	1.0224	0	-	-	1.0000	1.1638	42.84 m/s	1.1012 kPa	0.8075
10.59 m	636.2 mm	0.3181 m²	0.80	1.9057	1.0171	0	-	-	1.0000	1.1644	42.64 m/s	1.0909 kPa	0.8072
10.09 m	629.9 mm	0.3149 m²	0.80	1.9093	1.0118	0	-	-	1.0000	1.1651	42.44 m/s	1.0807 kPa	0.8070
9.59 m	639.6 mm	0.3198 m²	0.80	1.9128	1.0032	0	-	-	1.0000	1.1657	42.10 m/s	1.0634 kPa	0.8065
9.09 m	649.3 mm	0.3246 m²	0.80	1.9163	0.9940	0	-	-	1.0000	1.1664	41.74 m/s	1.0453 kPa	0.8059
8.59 m	659.0 mm	0.3295 m²	0.80	1.9198	0.9847	0	-	-	1.0000	1.1670	41.37 m/s	1.0269 kPa	0.8054
8.09 m	668.7 mm	0.3343 m²	0.80	1.9233	0.9754	0	-	-	1.0000	1.1677	41.00 m/s	1.0086 kPa	0.8048
7.59 m	678.4 mm	0.3392 m²	0.80	1.9266	0.9661	0	-	-	1.0000	1.1684	40.64 m/s	0.9910 kPa	0.8043
7.09 m	688.1 mm	0.3440 m²	0.80	1.9300	0.9568	0	-	-	1.0000	1.1691	40.27 m/s	0.9730 kPa	0.8037
6.59 m	697.8 mm	0.3489 m²	0.80	1.9333	0.9475	2	7.00 m	23.68 m	0.8706	1.1697	34.74 m/s	0.7241 kPa	0.7943
6.09 m	707.5 mm	0.3537 m²	0.80	1.9366	0.9382	2	7.00 m	23.68 m	0.8577	1.1704	33.91 m/s	0.6899 kPa	0.7928
5.59 m	717.2 mm	0.3586 m²	0.80	1.9398	0.9289	2	7.00 m	23.68 m	0.8447	1.1711	33.08 m/s	0.6566 kPa	0.7912
5.03 m	708.1 mm	0.4426 m²	0.80	1.9434	0.9184	2	7.00 m	23.68 m	0.8301	1.1719	32.16 m/s	0.6206 kPa	0.7894
4.40 m	720.4 mm	0.4502 m²	0.80	1.9474	0.9164	2	7.00 m	23.68 m	0.8140	1.1728	31.49 m/s	0.5950 kPa	0.7880
3.79 m	732.4 mm	0.4394 m²	0.80	1.9512	0.9151	2	7.00 m	23.68 m	0.7962	1.1737	30.79 m/s	0.5688 kPa	0.7866
3.48 m	738.5 mm	0.0185 m²	0.80	1.9531	0.9144	20	3.85 m	13.62 m	0.7761	1.1741	30.00 m/s	0.5400 kPa	0.7849
3.15 m	744.9 mm	0.4655 m²	0.80	1.9551	0.9138	20	3.85 m	13.62 m	0.7596	1.1746	30.00 m/s	0.5400 kPa	0.7849
2.53 m	757.1 mm	0.4732 m²	0.80	1.9589	0.9133	20	3.85 m	13.62 m	0.7279	1.1755	30.00 m/s	0.5400 kPa	0.7849
1.90 m	769.4 mm	0.4809 m²	0.80	1.9626	0.9130	20	3.85 m	13.62 m	0.7000	1.1764	30.00 m/s	0.5400 kPa	0.7849
1.41 m	778.9 mm	0.2726 m²	0.80	1.9655	0.9128	20	3.85 m	13.62 m	0.7000	1.1772	30.00 m/s	0.5400 kPa	0.7849
1.10 m	785.1 mm	0.2159 m²	0.80	1.9673	0.9126	20	3.85 m	13.62 m	0.7000	1.1776	30.00 m/s	0.5400 kPa	0.7849
0.65 m	793.9 mm	0.4962 m²	0.80	1.9699	0.9124	20	3.85 m	13.62 m	0.7000	1.1783	30.00 m/s	0.5400 kPa	0.7849

EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.80	1.5000	1.1716	0	-	-	1.0000	1.2310	51.92 m/s	1.6174 kPa	0.8193
29.92 m	297.9 mm	0.1820 m²	0.80	1.5000	1.1697	0	-	-	1.0000	1.2324	51.90 m/s	1.6162 kPa	0.8192
29.55 m	305.0 mm	0.0390 m²	0.80	1.5000	1.1684	0	-	-	1.0000	1.2332	51.87 m/s	1.6143 kPa	0.8192
29.25 m	311.0 mm	0.1503 m²	0.80	1.5000	1.1674	0	-	-	1.0000	1.2339	51.86 m/s	1.6137 kPa	0.8192
28.70 m	321.6 mm	0.1965 m²	0.80	1.5000	1.1654	0	-	-	1.0000	1.2352	51.82 m/s	1.6112 kPa	0.8191
28.09 m	333.5 mm	0.2038 m²	0.80	1.5000	1.1633	0	-	-	1.0000	1.2366	51.79 m/s	1.6093 kPa	0.8191
27.48 m	345.4 mm	0.2111 m²	0.80	1.5000	1.1612	0	-	-	1.0000	1.2381	51.76 m/s	1.6075 kPa	0.8191
26.87 m	357.3 mm	0.2183 m²	0.80	1.5000	1.1590	0	-	-	1.0000	1.2396	51.72 m/s	1.6050 kPa	0.8190
26.26 m	369.2 mm	0.2256 m²	0.80	1.5000	1.1569	0	-	-	1.0000	1.2411	51.69 m/s	1.6031 kPa	0.8190
25.64 m	381.1 mm	0.2329 m²	0.80	1.5000	1.1548	0	-	-	1.0000	1.2426	51.66 m/s	1.6013 kPa	0.8190
25.09 m	381.9 mm	0.1909 m²	0.80	1.5000	1.1528	0	-	-	1.0000	1.2440	51.63 m/s	1.5994 kPa	0.8189
24.59 m	391.6 mm	0.1958 m²	0.80	1.5000	1.1511	0	-	-	1.0000	1.2452	51.60 m/s	1.5975 kPa	0.8189
24.09 m	401.3 mm	0.2006 m²	0.80	1.5000	1.1493	0	-	-	1.0000	1.2465	51.57 m/s	1.5957 kPa	0.8189
23.59 m	411.0 mm	0.2055 m²	0.80	1.5000	1.1476	0	-	-	1.0000	1.2478	51.55 m/s	1.5944 kPa	0.8188
23.09 m	420.7 mm	0.2103 m²	0.80	1.5000	1.1458	0	-	-	1.0000	1.2491	51.52 m/s	1.5926 kPa	0.8188
22.59 m	430.4 mm	0.2152 m²	0.80	1.5000	1.1441	0	-	-	1.0000	1.2504	51.50 m/s	1.5914 kPa	0.8188
22.09 m	440.1 mm	0.2200 m²	0.80	1.5000	1.1423	0	-	-	1.0000	1.2517	51.47 m/s	1.5895 kPa	0.8187
21.59 m	449.8 mm	0.2249 m²	0.80	1.5000	1.1406	0	-	-	1.0000	1.2531	51.45 m/s	1.5883 kPa	0.8187
21.09 m	459.5 mm	0.2297 m²	0.80	1.5000	1.1388	0	-	-	1.0000	1.2544	51.43 m/s	1.5870 kPa	0.8187
20.59 m	469.2 mm	0.2346 m²	0.80	1.5000	1.1371	0	-	-	1.0000	1.2558	51.41 m/s	1.5858 kPa	0.8187
20.09 m	466.9 mm	0.2335 m²	0.80	1.5000	1.1353	0	-	-	1.0000	1.2572	51.38 m/s	1.5839 kPa	0.8186
19.59 m	476.7 mm	0.2384 m²	0.80	1.5000	1.1325	0	-	-	1.0000	1.2586	51.31 m/s	1.5796 kPa	0.8186
19.09 m	486.5 mm	0.2433 m²	0.80	1.5053	1.1290	0	-	-	1.0000	1.2600	51.21 m/s	1.5735 kPa	0.8184
18.59 m	496.3 mm	0.2482 m²	0.80	1.5120	1.1252	0	-	-	1.0000	1.2614	51.10 m/s	1.5667 kPa	0.8183
18.09 m	506.1 mm	0.2531 m²	0.80	1.5187	1.1215	0	-	-	1.0000	1.2629	50.99 m/s	1.5600 kPa	0.8182
17.59 m	515.9 mm	0.2580 m²	0.80	1.5252	1.1178	0	-	-	1.0000	1.2644	50.88 m/s	1.5533 kPa	0.8180
17.09 m	525.7 mm	0.2629 m²	0.80	1.5317	1.1140	0	-	-	1.0000	1.2658	50.76 m/s	1.5459 kPa	0.8179
16.59 m	535.5 mm	0.2678 m²	0.80	1.5380	1.1104	0	-	-	1.0000	1.2673	50.66 m/s	1.5399 kPa	0.8178
16.09 m	545.3 mm	0.2727 m²	0.80	1.5443	1.1067	0	-	-	1.0000	1.2689	50.55 m/s	1.5332 kPa	0.8177
15.59 m	555.1 mm	0.2776 m²	0.80	1.5505	1.1030	0	-	-	1.0000	1.2704	50.45 m/s	1.5271 kPa	0.8175
15.09 m	548.9 mm	0.2744 m²	0.80	1.5567	1.0993	0	-	-	1.0000	1.2719	50.34 m/s	1.5205 kPa	0.8174
14.59 m	558.6 mm	0.2793 m²	0.80	1.5627	1.0944	0	-	-	1.0000	1.2735	50.17 m/s	1.5102 kPa	0.8172
14.09 m	568.3 mm	0.2841 m²	0.80	1.5687	1.0891	0	-	-	1.0000	1.2751	49.99 m/s	1.4994 kPa	0.8170
13.59 m	578.0 mm	0.2890 m²	0.80	1.5746	1.0839	0	-	-	1.0000	1.2767	49.82 m/s	1.4892 kPa	0.8168
13.09 m	587.7 mm	0.2938 m²	0.80	1.5804	1.0787	0	-	-	1.0000	1.2783	49.64 m/s	1.4785 kPa	0.8166
12.59 m	597.4 mm	0.2987 m²	0.80	1.5862	1.0734	0	-	-	1.0000	1.2800	49.46 m/s	1.4678 kPa	0.8163
12.09 m	607.1 mm	0.3035 m²	0.80	1.5919	1.0682	0	-	-	1.0000	1.2816	49.28 m/s	1.4571 kPa	0.8161
11.59 m	616.8 mm	0.3084 m²	0.80	1.5975	1.0629	0	-	-	1.0000	1.2833	49.10 m/s	1.4465 kPa	0.8159
11.09 m	626.5 mm	0.3132 m²	0.80	1.6030	1.0577	0	-	-	1.0000	1.2850	48.93 m/s	1.4365 kPa	0.8157
10.59 m	636.2 mm	0.3181 m²	0.80	1.6085	1.0524	0	-	-	1.0000	1.2867	48.75 m/s	1.4259 kPa	0.8155
10.09 m	629.9 mm	0.3149 m²	0.80	1.6139	1.0472	0	-	-	1.0000	1.2885	48.58 m/s	1.4160 kPa	0.8152
9.59 m	639.6 mm	0.3198 m²	0.80	1.6192	1.0389	0	-	-	1.0000	1.2903	48.26 m/s	1.3974 kPa	0.8148
9.09 m	649.3 mm	0.3246 m²	0.80	1.6245	1.0300	0	-	-	1.0000	1.2920	47.91 m/s	1.3772 kPa	0.8144
8.59 m	659.0 mm	0.3295 m²	0.80	1.6297	1.0211	0	-	-	1.0000	1.2938	47.56 m/s	1.3572 kPa	0.8140
8.09 m	668.7 mm	0.3343 m²	0.80	1.6349	1.0122	0	-	-	1.0000	1.2957	47.21 m/s	1.3373 kPa	0.8135
7.59 m	678.4 mm	0.3392 m²	0.80	1.6400	1.0033	0	-	-	1.0000	1.2975	46.86 m/s	1.3175 kPa	0.8131
7.09 m	688.1 mm	0.3440 m²	0.80	1.6450	0.9943	0	-	-	1.0000	1.2994	46.51 m/s	1.2979 kPa	0.8126
6.59 m	697.8 mm	0.3489 m²	0.80	1.6500	0.9854	0	-	-	1.0000	1.3013	46.16 m/s	1.2784 kPa	0.8121
6.09 m	707.5 mm	0.3537 m²	0.80	1.6549	0.9764	0	-	-	1.0000	1.3032	45.81 m/s	1.2591 kPa	0.8117
5.59 m	717.2 mm	0.3586 m²	0.80	1.6598	0.9674	0	-	-	1.0000	1.3052	45.46 m/s	1.2400 kPa	0.8112
5.03 m	708.1 mm	0.4426 m²	0.80	1.6652	0.9573	0	-	-	1.0000	1.3074	45.06 m/s	1.2182 kPa	0.8107
4.40 m	720.4 mm	0.4502 m²	0.80	1.6711	0.9501	0	-	-	1.0000	1.3099	44.80 m/s	1.2042 kPa	0.8103
3.79 m	732.4 mm	0.4394 m²	0.80	1.6768	0.9435	0	-	-	1.0000	1.3124	44.58 m/s	1.1924 kPa	0.8100
3.48 m	738.5 mm	0.0185 m²	0.80	1.6797	0.9402	1	3.50 m	18.60 m	0.9078	1.3137	40.37 m/s	0.9778 kPa	0.8038
3.15 m	744.9 mm	0.4655 m²	0.80	1.6827	0.9368	1	3.50 m	18.60 m	0.8953	1.3151	39.71 m/s	0.9461 kPa	0.8028
2.53 m	757.1 mm	0.4732 m²	0.80	1.6884	0.9349	1	3.50 m	18.60 m	0.8566	1.3177	37.99 m/s	0.8659 kPa	0.8000
1.90 m	769.4 mm	0.4809 m²	0.80	1.6940	0.9345	1	3.50 m	18.60 m	0.8178	1.3204	36.33 m/s	0.7919 kPa	0.7972
1.41 m	778.9 mm	0.2726 m²	0.80	1.6983	0.9341	1	3.50 m	18.60 m	0.7753	1.3225	34.48 m/s	0.7133 kPa	0.7939
1.10 m	785.1 mm	0.2159 m²	0.80	1.7010	0.9339	1	3.50 m	18.60 m	0.7366	1.3239	32.79 m/s	0.6451 kPa	0.7906
0.65 m	793.9 mm	0.4962 m²	0.80	1.7049	0.9336	1	3.50 m	18.60 m	0.7000	1.3259	31.19 m/s	0.5837 kPa	0.7874

SOUTH EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	1.5000	1.1716	0	-	-	1.0000	1.2136	60.78 m/s	2.2165 kPa	0.8286
29.92 m	297.9 mm	0.1820 m²	0.95	1.5000	1.1697	0	-	-	1.0000	1.2148	60.75 m/s	2.2143 kPa	0.8286
29.55 m	305.0 mm	0.0390 m²	0.95	1.5000	1.1684	0	-	-	1.0000	1.2155	60.71 m/s	2.2114 kPa	0.8286
29.25 m	311.0 mm	0.1503 m²	0.95	1.5000	1.1674	0	-	-	1.0000	1.2161	60.69 m/s	2.2100 kPa	0.8285
28.70 m	321.6 mm	0.1965 m²	0.95	1.5000	1.1654	0	-	-	1.0000	1.2171	60.64 m/s	2.2063 kPa	0.8285
28.09 m	333.5 mm	0.2038 m²	0.95	1.5000	1.1633	0	-	-	1.0000	1.2184	60.59 m/s	2.2027 kPa	0.8284
27.48 m	345.4 mm	0.2111 m²	0.95	1.5000	1.1612	0	-	-	1.0000	1.2196	60.54 m/s	2.1991 kPa	0.8284
26.87 m	357.3 mm	0.2183 m²	0.95	1.5000	1.1590	0	-	-	1.0000	1.2208	60.49 m/s	2.1954 kPa	0.8283
26.26 m	369.2 mm	0.2256 m²	0.95	1.5000	1.1569	0	-	-	1.0000	1.2221	60.44 m/s	2.1918 kPa	0.8283
25.64 m	381.1 mm	0.2329 m²	0.95	1.5000	1.1548	0	-	-	1.0000	1.2234	60.40 m/s	2.1889 kPa	0.8283

25.09 m	381.9 mm	0.1909 m²	0.95	1.5000	1.1528	0	-	-	1.0000	1.2245	60.35 m/s	2.1853 kPa	0.8282
24.59 m	391.6 mm	0.1958 m²	0.95	1.5000	1.1511	0	-	-	1.0000	1.2256	60.31 m/s	2.1824 kPa	0.8282
24.09 m	401.3 mm	0.2006 m²	0.95	1.5000	1.1493	0	-	-	1.0000	1.2267	60.27 m/s	2.1795 kPa	0.8281
23.59 m	411.0 mm	0.2055 m²	0.95	1.5000	1.1476	0	-	-	1.0000	1.2278	60.24 m/s	2.1773 kPa	0.8281
23.09 m	420.7 mm	0.2103 m²	0.95	1.5000	1.1458	0	-	-	1.0000	1.2288	60.19 m/s	2.1737 kPa	0.8280
22.59 m	430.4 mm	0.2152 m²	0.95	1.5000	1.1441	0	-	-	1.0000	1.2299	60.15 m/s	2.1708 kPa	0.8280
22.09 m	440.1 mm	0.2200 m²	0.95	1.5000	1.1423	0	-	-	1.0000	1.2311	60.12 m/s	2.1686 kPa	0.8280
21.59 m	449.8 mm	0.2249 m²	0.95	1.5000	1.1406	0	-	-	1.0000	1.2322	60.08 m/s	2.1658 kPa	0.8279
21.09 m	459.5 mm	0.2297 m²	0.95	1.5000	1.1388	0	-	-	1.0000	1.2333	60.04 m/s	2.1629 kPa	0.8279
20.59 m	469.2 mm	0.2346 m²	0.95	1.5000	1.1371	0	-	-	1.0000	1.2345	60.01 m/s	2.1607 kPa	0.8279
20.09 m	466.9 mm	0.2335 m²	0.95	1.5000	1.1353	0	-	-	1.0000	1.2356	59.97 m/s	2.1578 kPa	0.8278
19.59 m	476.7 mm	0.2384 m²	0.95	1.5000	1.1325	0	-	-	1.0000	1.2368	59.88 m/s	2.1514 kPa	0.8277
19.09 m	486.5 mm	0.2433 m²	0.95	1.5053	1.1290	0	-	-	1.0000	1.2380	59.75 m/s	2.1420 kPa	0.8276
18.59 m	496.3 mm	0.2482 m²	0.95	1.5120	1.1252	0	-	-	1.0000	1.2392	59.61 m/s	2.1320 kPa	0.8275
18.09 m	506.1 mm	0.2531 m²	0.95	1.5187	1.1215	0	-	-	1.0000	1.2404	59.47 m/s	2.1220 kPa	0.8273
17.59 m	515.9 mm	0.2580 m²	0.95	1.5252	1.1178	0	-	-	1.0000	1.2416	59.33 m/s	2.1120 kPa	0.8272
17.09 m	525.7 mm	0.2629 m²	0.95	1.5317	1.1140	0	-	-	1.0000	1.2428	59.19 m/s	2.1021 kPa	0.8271
16.59 m	535.5 mm	0.2678 m²	0.95	1.5380	1.1104	0	-	-	1.0000	1.2441	59.06 m/s	2.0929 kPa	0.8269
16.09 m	545.3 mm	0.2727 m²	0.95	1.5443	1.1067	0	-	-	1.0000	1.2453	58.92 m/s	2.0829 kPa	0.8268
15.59 m	555.1 mm	0.2776 m²	0.95	1.5505	1.1030	0	-	-	1.0000	1.2466	58.78 m/s	2.0731 kPa	0.8267
15.09 m	548.9 mm	0.2744 m²	0.95	1.5567	1.0993	0	-	-	1.0000	1.2479	58.65 m/s	2.0639 kPa	0.8265
14.59 m	558.6 mm	0.2793 m²	0.95	1.5627	1.0944	0	-	-	1.0000	1.2492	58.44 m/s	2.0491 kPa	0.8263
14.09 m	568.3 mm	0.2841 m²	0.95	1.5687	1.0891	0	-	-	1.0000	1.2505	58.22 m/s	2.0337 kPa	0.8261
13.59 m	578.0 mm	0.2890 m²	0.95	1.5746	1.0839	0	-	-	1.0000	1.2518	58.00 m/s	2.0184 kPa	0.8259
13.09 m	587.7 mm	0.2938 m²	0.95	1.5804	1.0787	0	-	-	1.0000	1.2531	57.79 m/s	2.0038 kPa	0.8257
12.59 m	597.4 mm	0.2987 m²	0.95	1.5862	1.0734	0	-	-	1.0000	1.2545	57.57 m/s	1.9886 kPa	0.8254
12.09 m	607.1 mm	0.3035 m²	0.95	1.5919	1.0682	0	-	-	1.0000	1.2559	57.35 m/s	1.9734 kPa	0.8252
11.59 m	616.8 mm	0.3084 m²	0.95	1.5975	1.0629	0	-	-	1.0000	1.2572	57.13 m/s	1.9583 kPa	0.8250
11.09 m	626.5 mm	0.3132 m²	0.95	1.6030	1.0577	0	-	-	1.0000	1.2586	56.91 m/s	1.9432 kPa	0.8247
10.59 m	636.2 mm	0.3181 m²	0.95	1.6085	1.0524	0	-	-	1.0000	1.2600	56.69 m/s	1.9283 kPa	0.8245
10.09 m	629.9 mm	0.3149 m²	0.95	1.6139	1.0472	0	-	-	1.0000	1.2615	56.47 m/s	1.9133 kPa	0.8243
9.59 m	639.6 mm	0.3198 m²	0.95	1.6192	1.0389	0	-	-	1.0000	1.2629	56.09 m/s	1.8877 kPa	0.8239
9.09 m	649.3 mm	0.3246 m²	0.95	1.6245	1.0300	0	-	-	1.0000	1.2644	55.67 m/s	1.8595 kPa	0.8234
8.59 m	659.0 mm	0.3295 m²	0.95	1.6297	1.0211	0	-	-	1.0000	1.2658	55.25 m/s	1.8315 kPa	0.8230
8.09 m	668.7 mm	0.3343 m²	0.95	1.6349	1.0122	0	-	-	1.0000	1.2673	54.84 m/s	1.8045 kPa	0.8225
7.59 m	678.4 mm	0.3392 m²	0.95	1.6400	1.0033	0	-	-	1.0000	1.2688	54.42 m/s	1.7769 kPa	0.8221
7.09 m	688.1 mm	0.3440 m²	0.95	1.6450	0.9943	0	-	-	1.0000	1.2704	54.00 m/s	1.7496 kPa	0.8216
6.59 m	697.8 mm	0.3489 m²	0.95	1.6500	0.9854	5	7.00 m	32.63 m	0.8017	1.2719	42.95 m/s	1.1068 kPa	0.8077
6.09 m	707.5 mm	0.3537 m²	0.95	1.6549	0.9764	5	7.00 m	32.63 m	0.7880	1.2735	41.89 m/s	1.0529 kPa	0.8061
5.59 m	717.2 mm	0.3586 m²	0.95	1.6598	0.9674	5	7.00 m	32.63 m	0.7726	1.2750	40.74 m/s	0.9958 kPa	0.8044
5.03 m	708.1 mm	0.4426 m²	0.95	1.6652	0.9573	5	7.00 m	32.63 m	0.7552	1.2768	39.46 m/s	0.9343 kPa	0.8024
4.40 m	720.4 mm	0.4502 m²	0.95	1.6711	0.9501	5	7.00 m	32.63 m	0.7359	1.2789	38.23 m/s	0.8769 kPa	0.8004
3.79 m	732.4 mm	0.4394 m²	0.95	1.6768	0.9435	5	7.00 m	32.63 m	0.7170	1.2809	37.04 m/s	0.8232 kPa	0.7984
3.48 m	738.5 mm	0.0185 m²	0.95	1.6797	0.9402	9	5.44 m	24.81 m	0.7220	1.2819	37.20 m/s	0.8303 kPa	0.7987
3.15 m	744.9 mm	0.4655 m²	0.95	1.6827	0.9368	9	5.44 m	24.81 m	0.7105	1.2830	36.51 m/s	0.7998 kPa	0.7975
2.53 m	757.1 mm	0.4732 m²	0.95	1.6884	0.9349	9	5.44 m	24.81 m	0.7000	1.2851	35.95 m/s	0.7754 kPa	0.7965
1.90 m	769.4 mm	0.4809 m²	0.95	1.6940	0.9345	9	5.44 m	24.81 m	0.7000	1.2873	36.00 m/s	0.7776 kPa	0.7966
1.41 m	778.9 mm	0.2726 m²	0.95	1.6983	0.9341	9	5.44 m	24.81 m	0.7000	1.2890	36.03 m/s	0.7789 kPa	0.7967
1.10 m	785.1 mm	0.2159 m²	0.95	1.7010	0.9339	9	5.44 m	24.81 m	0.7000	1.2901	36.05 m/s	0.7798 kPa	0.7967
0.65 m	793.9 mm	0.4962 m²	0.95	1.7049	0.9336	9	5.44 m	24.81 m	0.7000	1.2917	36.09 m/s	0.7815 kPa	0.7968

SOUTH WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.90	1.5000	1.1716	0	-	-	1.0000	1.1671	55.38 m/s	1.8402 kPa	0.8231
29.92 m	297.9 mm	0.1820 m²	0.90	1.5000	1.1697	0	-	-	1.0000	1.1679	55.33 m/s	1.8368 kPa	0.8231
29.55 m	305.0 mm	0.0390 m²	0.90	1.5000	1.1684	0	-	-	1.0000	1.1684	55.29 m/s	1.8342 kPa	0.8230
29.25 m	311.0 mm	0.1503 m²	0.90	1.5000	1.1674	0	-	-	1.0000	1.1688	55.26 m/s	1.8322 kPa	0.8230
28.70 m	321.6 mm	0.1965 m²	0.90	1.5000	1.1654	0	-	-	1.0000	1.1695	55.20 m/s	1.8282 kPa	0.8229
28.09 m	333.5 mm	0.2038 m²	0.90	1.5000	1.1633	0	-	-	1.0000	1.1703	55.14 m/s	1.8243 kPa	0.8229
27.48 m	345.4 mm	0.2111 m²	0.90	1.5000	1.1612	0	-	-	1.0000	1.1712	55.08 m/s	1.8203 kPa	0.8228
26.87 m	357.3 mm	0.2183 m²	0.90	1.5000	1.1590	0	-	-	1.0000	1.1720	55.01 m/s	1.8157 kPa	0.8227
26.26 m	369.2 mm	0.2256 m²	0.90	1.5000	1.1569	0	-	-	1.0000	1.1728	54.95 m/s	1.8117 kPa	0.8227
25.64 m	381.1 mm	0.2329 m²	0.90	1.5000	1.1548	0	-	-	1.0000	1.1737	54.89 m/s	1.8077 kPa	0.8226
25.09 m	381.9 mm	0.1909 m²	0.90	1.5000	1.1528	0	-	-	1.0000	1.1744	54.83 m/s	1.8038 kPa	0.8225
24.59 m	391.6 mm	0.1958 m²	0.90	1.5000	1.1511	0	-	-	1.0000	1.1751	54.78 m/s	1.8005 kPa	0.8225
24.09 m	401.3 mm	0.2006 m²	0.90	1.5038	1.1489	0	-	-	1.0000	1.1759	54.72 m/s	1.7966 kPa	0.8224
23.59 m	411.0 mm	0.2055 m²	0.90	1.5110	1.1464	0	-	-	1.0000	1.1766	54.63 m/s	1.7907 kPa	0.8223
23.09 m	420.7 mm	0.2103 m²	0.90	1.5181	1.1439	0	-	-	1.0000	1.1773	54.54 m/s	1.7848 kPa	0.8222
22.59 m	430.4 mm	0.2152 m²	0.90	1.5251	1.1414	0	-	-	1.0000	1.1780	54.46 m/s	1.7795 kPa	0.8221
22.09 m	440.1 mm	0.2200 m²	0.90	1.5321	1.1388	0	-	-	1.0000	1.1788	54.37 m/s	1.7737 kPa	0.8220
21.59 m	449.8 mm	0.2249 m²	0.90	1.5389	1.1363	0	-	-	1.0000	1.1795	54.28 m/s	1.7678 kPa	0.8219
21.09 m	459.5 mm	0.2297 m²	0.90	1.5456	1.1338	0	-	-	1.0000	1.1802	54.19 m/s	1.7619 kPa	0.8218
20.59 m	469.2 mm	0.2346 m²	0.90	1.5523	1.1313	0	-	-	1.0000	1.1810	54.11 m/s	1.7567 kPa	0.8217
20.09 m	466.9 mm	0.2335 m²	0.90	1.5588	1.1288	0	-	-	1.0000	1.1818	54.03 m/s	1.7515 kPa	0.8217
19.59 m	476.7 mm	0.2384 m²	0.90	1.5652	1.1254	0	-	-	1.0000	1.1825	53.90 m/s	1.7431 kPa	0.8215
19.09 m	486.5 mm	0.2433 m²	0.90	1.5716	1.1217	0	-	-	1.0000	1.1833	53.76 m/s	1.7341 kPa	0.8214
18.59 m	496.3 mm	0.2482 m²	0.90	1.5779	1.1180	0	-	-	1.0000	1.1841	53.61 m/s	1.7244 kPa	0.8212
18.09 m	506.1 mm	0.2531 m²	0.90	1.5841	1.1143	0	-	-	1.0000	1.1849	53.47 m/s	1.7154 kPa	0.8210
17.59 m	515.9 mm	0.2580 m²	0.90	1.5902	1.1106	0	-	-	1.0000	1.1857	53.33 m/s	1.7065 kPa	0.8209
17.09 m	525.7 mm	0.2629 m²	0.90	1.5962	1.1070	0	-	-	1.0000	1.1865	53.19 m/s	1.6975 kPa	0.8207
16.59 m	535.5 mm	0.2678 m²	0.90	1.6022	1.1033	0	-	-	1.0000	1.1873	53.05 m/s	1.6886 kPa	0.8206
16.09 m	545.3 mm	0.2727 m²	0.90	1.6080	1.0997	0	-	-	1.0000	1.1881	52.92 m/s	1.6803 kPa	0.8204
15.59 m	555.1 mm	0.2776 m²	0.90	1.6138	1.0960	0	-	-	1.0000	1.1889	52.77 m/s	1.6708 kPa	0.8202
15.09 m	548.9 mm	0.2744 m²	0.90	1.6196	1.0924	0	-	-	1.0000	1.1897	52.63 m/s	1.6620 kPa	0.8201
14.59 m	558.6 mm	0.2793 m²	0.90	1.6252	1.0874	0	-	-	1.0000	1.1906	52.43 m/s	1.6493 kPa	0.8199
14.09 m	568.3 mm	0.2841 m²	0.90	1.6308	1.0822	0	-	-	1.0000	1.1914	52.22 m/s	1.6362 kPa	0.8196
13.59 m	578.0 mm	0.2890 m²	0.90	1.6363	1.0769	0	-	-	1.0000	1.1922	52.00 m/s	1.6224 kPa	0.8194
13.09 m	587.7 mm	0.2938 m²	0.90	1.6417	1.0717	0	-	-	1.0000	1.1931	51.79 m/s	1.6093 kPa	0.8191
12.59 m	597.4 mm	0.2987 m²	0.90	1.6471	1.0664	0	-	-	1.0000	1.1940	51.57 m/s	1.5957 kPa	0.8189
12.09 m	607.1 mm	0.3035 m²	0.90	1.6524	1.0612	0	-	-	1.0000	1.1948	51.35 m/s	1.5821 kPa	0.8186
11.59 m	616.8 mm	0.3084 m²	0.90	1.6576	1.0559	0	-	-	1.0000	1.1957	51.13 m/s	1.5686 kPa	0.8183
11.09 m	626.5 mm	0.3132 m²	0.90	1.6628	1.0506	0	-	-	1.0000	1.1966	50.91 m/s	1.5551 kPa	0.8181
10.59 m	636.2 mm	0.3181 m²	0.90	1.6679	1.0454	0	-	-	1.0000	1.1975	50.70 m/s	1.5423 kPa	0.8178
10.09 m	629.9 mm	0.3149 m²	0.90	1.6730	1.0401	0	-	-	1.0000	1.1984	50.48 m/s	1.5289 kPa	0.8176
9.59 m	639.6 mm	0.3198 m²	0.90	1.6780	1.0318	0	-	-	1.0000	1.1993	50.12 m/s	1.5072 kPa	0.8171
9.09 m	649.3 mm	0.3246 m²	0.90	1.6829	1.0228	0	-	-	1.0000	1.2002	49.72 m/s	1.4832 kPa	0.8167
8.59 m	659.0 mm	0.3295 m²	0.90	1.6878	1.0138	0	-	-	1.0000	1.2012	49.32 m/s	1.4595 kPa	0.8162
8.09 m	668.7 mm	0.3343 m²	0.90	1.6926	1.0048	0	-	-	1.0000	1.2021	48.92 m/s	1.4359 kPa	0.8157
7.59 m	678.4 mm	0.3392 m²	0.90	1.6973	0.9959	0	-	-	1.0000	1.2031	48.53 m/s	1.4131 kPa	0.8152

7.09 m	688.1 mm	0.3440 m²	0.90	1.7020	0.9868	0	-	-	1.0000	1.2040	48.12 m/s	1.3893 kPa	0.8147
6.59 m	697.8 mm	0.3489 m²	0.90	1.7067	0.9778	7	7.00 m	40.47 m	0.7678	1.2050	36.64 m/s	0.8055 kPa	0.7977
6.09 m	707.5 mm	0.3537 m²	0.90	1.7112	0.9688	7	7.00 m	40.47 m	0.7551	1.2059	35.73 m/s	0.7660 kPa	0.7961
5.59 m	717.2 mm	0.3586 m²	0.90	1.7158	0.9597	7	7.00 m	40.47 m	0.7423	1.2069	34.82 m/s	0.7275 kPa	0.7945
5.03 m	708.1 mm	0.4426 m²	0.90	1.7208	0.9495	7	7.00 m	40.47 m	0.7280	1.2081	33.82 m/s	0.6863 kPa	0.7926
4.40 m	720.4 mm	0.4502 m²	0.90	1.7264	0.9434	7	7.00 m	40.47 m	0.7121	1.2093	32.90 m/s	0.6494 kPa	0.7909
3.79 m	732.4 mm	0.4394 m²	0.90	1.7317	0.9378	7	7.00 m	40.47 m	0.7000	1.2106	32.19 m/s	0.6217 kPa	0.7894
3.48 m	738.5 mm	0.0185 m²	0.90	1.7344	0.9351	20	4.73 m	25.20 m	0.7168	1.2112	32.88 m/s	0.6487 kPa	0.7908
3.15 m	744.9 mm	0.4655 m²	0.90	1.7372	0.9322	20	4.73 m	25.20 m	0.7058	1.2119	32.29 m/s	0.6256 kPa	0.7896
2.53 m	757.1 mm	0.4732 m²	0.90	1.7425	0.9306	20	4.73 m	25.20 m	0.7000	1.2132	32.01 m/s	0.6148 kPa	0.7891
1.90 m	769.4 mm	0.4809 m²	0.90	1.7477	0.9302	20	4.73 m	25.20 m	0.7000	1.2145	32.03 m/s	0.6156 kPa	0.7891
1.41 m	778.9 mm	0.2726 m²	0.90	1.7517	0.9299	20	4.73 m	25.20 m	0.7000	1.2155	32.04 m/s	0.6159 kPa	0.7891
1.10 m	785.1 mm	0.2159 m²	0.90	1.7543	0.9297	20	4.73 m	25.20 m	0.7000	1.2162	32.06 m/s	0.6167 kPa	0.7892
0.65 m	793.9 mm	0.4962 m²	0.90	1.7579	0.9294	20	4.73 m	25.20 m	0.7000	1.2172	32.07 m/s	0.6171 kPa	0.7892

SOUTH WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	2.8142	1.0244	0	-	-	1.0000	1.1369	49.79 m/s	1.4874 kPa	0.8167
29.92 m	297.9 mm	0.1820 m²	0.95	2.8112	1.0222	0	-	-	1.0000	1.1376	49.71 m/s	1.4827 kPa	0.8166
29.55 m	305.0 mm	0.0390 m²	0.95	2.8093	1.0204	0	-	-	1.0000	1.1381	49.65 m/s	1.4791 kPa	0.8166
29.25 m	311.0 mm	0.1503 m²	0.95	2.8078	1.0188	0	-	-	1.0000	1.1385	49.59 m/s	1.4755 kPa	0.8165
28.70 m	321.6 mm	0.1965 m²	0.95	2.8052	1.0161	0	-	-	1.0000	1.1392	49.48 m/s	1.4690 kPa	0.8164
28.09 m	333.5 mm	0.2038 m²	0.95	2.8023	1.0130	0	-	-	1.0000	1.1400	49.37 m/s	1.4624 kPa	0.8162
27.48 m	345.4 mm	0.2111 m²	0.95	2.7995	1.0099	0	-	-	1.0000	1.1407	49.25 m/s	1.4553 kPa	0.8161
26.87 m	357.3 mm	0.2183 m²	0.95	2.7967	1.0069	0	-	-	1.0000	1.1415	49.14 m/s	1.4488 kPa	0.8159
26.26 m	369.2 mm	0.2256 m²	0.95	2.7939	1.0038	0	-	-	1.0000	1.1423	49.02 m/s	1.4418 kPa	0.8158
25.64 m	381.1 mm	0.2329 m²	0.95	2.7913	1.0007	0	-	-	1.0000	1.1432	48.91 m/s	1.4353 kPa	0.8157
25.09 m	381.9 mm	0.1909 m²	0.95	2.7889	0.9979	0	-	-	1.0000	1.1439	48.80 m/s	1.4289 kPa	0.8155
24.59 m	391.6 mm	0.1958 m²	0.95	2.7867	0.9954	0	-	-	1.0000	1.1446	48.71 m/s	1.4236 kPa	0.8154
24.09 m	401.3 mm	0.2006 m²	0.95	2.7846	0.9929	0	-	-	1.0000	1.1453	48.61 m/s	1.4178 kPa	0.8153
23.59 m	411.0 mm	0.2055 m²	0.95	2.7826	0.9904	0	-	-	1.0000	1.1460	48.52 m/s	1.4125 kPa	0.8152
23.09 m	420.7 mm	0.2103 m²	0.95	2.7805	0.9879	0	-	-	1.0000	1.1467	48.43 m/s	1.4073 kPa	0.8151
22.59 m	430.4 mm	0.2152 m²	0.95	2.7785	0.9854	0	-	-	1.0000	1.1474	48.34 m/s	1.4021 kPa	0.8149
22.09 m	440.1 mm	0.2200 m²	0.95	2.7766	0.9829	0	-	-	1.0000	1.1481	48.24 m/s	1.3963 kPa	0.8148
21.59 m	449.8 mm	0.2249 m²	0.95	2.7746	0.9804	0	-	-	1.0000	1.1488	48.15 m/s	1.3911 kPa	0.8147
21.09 m	459.5 mm	0.2297 m²	0.95	2.7727	0.9779	0	-	-	1.0000	1.1495	48.06 m/s	1.3859 kPa	0.8146
20.59 m	469.2 mm	0.2346 m²	0.95	2.7708	0.9754	0	-	-	1.0000	1.1503	47.97 m/s	1.3807 kPa	0.8145
20.09 m	466.9 mm	0.2335 m²	0.95	2.7689	0.9728	0	-	-	1.0000	1.1510	47.87 m/s	1.3749 kPa	0.8144
19.59 m	476.7 mm	0.2384 m²	0.95	2.7671	0.9689	0	-	-	1.0000	1.1518	47.71 m/s	1.3657 kPa	0.8141
19.09 m	486.5 mm	0.2433 m²	0.95	2.7653	0.9646	0	-	-	1.0000	1.1525	47.53 m/s	1.3555 kPa	0.8139
18.59 m	496.3 mm	0.2482 m²	0.95	2.7635	0.9603	0	-	-	1.0000	1.1533	47.35 m/s	1.3452 kPa	0.8137
18.09 m	506.1 mm	0.2531 m²	0.95	2.7617	0.9561	0	-	-	1.0000	1.1541	47.17 m/s	1.3350 kPa	0.8135
17.59 m	515.9 mm	0.2580 m²	0.95	2.7599	0.9518	0	-	-	1.0000	1.1549	46.99 m/s	1.3248 kPa	0.8132
17.09 m	525.7 mm	0.2629 m²	0.95	2.7582	0.9476	0	-	-	1.0000	1.1556	46.81 m/s	1.3147 kPa	0.8130
16.59 m	535.5 mm	0.2678 m²	0.95	2.7565	0.9433	0	-	-	1.0000	1.1564	46.63 m/s	1.3046 kPa	0.8128
16.09 m	545.3 mm	0.2727 m²	0.95	2.7548	0.9391	0	-	-	1.0000	1.1572	46.46 m/s	1.2951 kPa	0.8125
15.59 m	555.1 mm	0.2776 m²	0.95	2.7532	0.9348	0	-	-	1.0000	1.1581	46.28 m/s	1.2851 kPa	0.8123
15.09 m	548.9 mm	0.2744 m²	0.95	2.7516	0.9305	0	-	-	1.0000	1.1589	46.10 m/s	1.2751 kPa	0.8121
14.59 m	558.6 mm	0.2793 m²	0.95	2.7499	0.9253	0	-	-	1.0000	1.1597	45.87 m/s	1.2624 kPa	0.8117
14.09 m	568.3 mm	0.2841 m²	0.95	2.7483	0.9198	0	-	-	1.0000	1.1605	45.63 m/s	1.2493 kPa	0.8114
13.59 m	578.0 mm	0.2890 m²	0.95	2.7468	0.9143	0	-	-	1.0000	1.1614	45.39 m/s	1.2362 kPa	0.8111
13.09 m	587.7 mm	0.2938 m²	0.95	2.7452	0.9088	0	-	-	1.0000	1.1622	45.15 m/s	1.2231 kPa	0.8108
12.59 m	597.4 mm	0.2987 m²	0.95	2.7437	0.9033	0	-	-	1.0000	1.1631	44.91 m/s	1.2101 kPa	0.8104
12.09 m	607.1 mm	0.3035 m²	0.95	2.7422	0.8978	0	-	-	1.0000	1.1640	44.68 m/s	1.1978 kPa	0.8101
11.59 m	616.8 mm	0.3084 m²	0.95	2.7407	0.8923	0	-	-	1.0000	1.1649	44.44 m/s	1.1849 kPa	0.8098
11.09 m	626.5 mm	0.3132 m²	0.95	2.7392	0.8868	0	-	-	1.0000	1.1658	44.20 m/s	1.1722 kPa	0.8095
10.59 m	636.2 mm	0.3181 m²	0.95	2.7377	0.8814	0	-	-	1.0000	1.1667	43.96 m/s	1.1595 kPa	0.8091
10.09 m	629.9 mm	0.3149 m²	0.95	2.7363	0.8759	0	-	-	1.0000	1.1676	43.72 m/s	1.1469 kPa	0.8088
9.59 m	639.6 mm	0.3198 m²	0.95	2.7349	0.8731	0	-	-	1.0000	1.1685	43.61 m/s	1.1411 kPa	0.8086
9.09 m	649.3 mm	0.3246 m²	0.95	2.7335	0.8709	0	-	-	1.0000	1.1694	43.54 m/s	1.1374 kPa	0.8085
8.59 m	659.0 mm	0.3295 m²	0.95	2.7321	0.8687	0	-	-	1.0000	1.1704	43.47 m/s	1.1338 kPa	0.8084
8.09 m	668.7 mm	0.3343 m²	0.95	2.7307	0.8665	0	-	-	1.0000	1.1713	43.39 m/s	1.1296 kPa	0.8083
7.59 m	678.4 mm	0.3392 m²	0.95	2.7293	0.8643	0	-	-	1.0000	1.1723	43.32 m/s	1.1260 kPa	0.8082
7.09 m	688.1 mm	0.3440 m²	0.95	2.7280	0.8620	0	-	-	1.0000	1.1733	43.24 m/s	1.1218 kPa	0.8081
6.59 m	697.8 mm	0.3489 m²	0.95	2.7267	0.8597	7	7.00 m	31.20 m	0.7911	1.1743	34.14 m/s	0.6993 kPa	0.7932
6.09 m	707.5 mm	0.3537 m²	0.95	2.7254	0.8574	7	7.00 m	31.20 m	0.7766	1.1753	33.46 m/s	0.6717 kPa	0.7919
5.59 m	717.2 mm	0.3586 m²	0.95	2.7241	0.8550	7	7.00 m	31.20 m	0.7621	1.1763	32.77 m/s	0.6443 kPa	0.7906
5.03 m	708.1 mm	0.4426 m²	0.95	2.7226	0.8523	7	7.00 m	31.20 m	0.7458	1.1774	31.99 m/s	0.6140 kPa	0.7890
4.40 m	720.4 mm	0.4502 m²	0.95	2.7210	0.8523	7	7.00 m	31.20 m	0.7276	1.1787	31.25 m/s	0.5859 kPa	0.7875
3.79 m	732.4 mm	0.4394 m²	0.95	2.7195	0.8524	7	7.00 m	31.20 m	0.7099	1.1800	30.53 m/s	0.5592 kPa	0.7860
3.48 m	738.5 mm	0.0185 m²	0.95	2.7187	0.8525	14	5.25 m	21.80 m	0.7238	1.1807	31.15 m/s	0.5822 kPa	0.7873
3.15 m	744.9 mm	0.4655 m²	0.95	2.7179	0.8526	14	5.25 m	21.80 m	0.7122	1.1814	30.67 m/s	0.5644 kPa	0.7863
2.53 m	757.1 mm	0.4732 m²	0.95	2.7164	0.8527	14	5.25 m	21.80 m	0.7000	1.1827	30.18 m/s	0.5465 kPa	0.7853
1.90 m	769.4 mm	0.4809 m²	0.95	2.7149	0.8528	14	5.25 m	21.80 m	0.7000	1.1841	30.22 m/s	0.5479 kPa	0.7853
1.41 m	778.9 mm	0.2726 m²	0.95	2.7138	0.8529	14	5.25 m	21.80 m	0.7000	1.1852	30.25 m/s	0.5490 kPa	0.7854
1.10 m	785.1 mm	0.2159 m²	0.95	2.7131	0.8530	14	5.25 m	21.80 m	0.7000	1.1859	30.27 m/s	0.5498 kPa	0.7855
0.65 m	793.9 mm	0.4962 m²	0.95	2.7120	0.8530	14	5.25 m	21.80 m	0.7000	1.1869	30.30 m/s	0.5509 kPa	0.7855

WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	1.00	3.0000	1.0021	0	-	-	1.0000	1.0638	47.97 m/s	1.3807 kPa	0.8145
29.92 m	297.9 mm	0.1820 m²	1.00	3.0000	0.9995	0	-	-	1.0000	1.0643	47.87 m/s	1.3749 kPa	0.8144
29.55 m	305.0 mm	0.0390 m²	1.00	3.0000	0.9973	0	-	-	1.0000	1.0645	47.77 m/s	1.3692 kPa	0.8142
29.25 m	311.0 mm	0.1503 m²	1.00	3.0000	0.9955	0	-	-	1.0000	1.0648	47.70 m/s	1.3652 kPa	0.8141
28.70 m	321.6 mm	0.1965 m²	1.00	3.0000	0.9922	0	-	-	1.0000	1.0652	47.56 m/s	1.3572 kPa	0.8140
28.09 m	333.5 mm	0.2038 m²	1.00	3.0000	0.9885	0	-	-	1.0000	1.0657	47.41 m/s	1.3486 kPa	0.8138
27.48 m	345.4 mm	0.2111 m²	1.00	3.0000	0.9849	0	-	-	1.0000	1.0662	47.25 m/s	1.3395 kPa	0.8136
26.87 m	357.3 mm	0.2183 m²	1.00	3.0000	0.9812	0	-	-	1.0000	1.0667	47.10 m/s	1.3310 kPa	0.8134
26.26 m	369.2 mm	0.2256 m²	1.00	3.0000	0.9775	0	-	-	1.0000	1.0672	46.94 m/s	1.3220 kPa	0.8132
25.64 m	381.1 mm	0.2329 m²	1.00	3.0000	0.9739	0	-	-	1.0000	1.0677	46.79 m/s	1.3136 kPa	0.8130
25.09 m	381.9 mm	0.1909 m²	1.00	3.0000	0.9705	0	-	-	1.0000	1.0682	46.65 m/s	1.3057 kPa	0.8128
24.59 m	391.6 mm	0.1958 m²	1.00	3.0000	0.9675	0	-	-	1.0000	1.0686	46.52 m/s	1.2985 kPa	0.8126
24.09 m	401.3 mm	0.2006 m²	1.00	3.0000	0.9645	0	-	-	1.0000	1.0691	46.40 m/s	1.2918 kPa	0.8124
23.59 m	411.0 mm	0.2055 m²	1.00	3.0000	0.9615	0	-	-	1.0000	1.0695	46.27 m/s	1.2845 kPa	0.8123
23.09 m	420.7 mm	0.2103 m²	1.00	3.0000	0.9585	0	-	-	1.0000	1.0699	46.15 m/s	1.2779 kPa	0.8121
22.59 m	430.4 mm	0.2152 m²	1.00	3.0000	0.9555	0	-	-	1.0000	1.0704	46.02 m/s	1.2707 kPa	0.8119
22.09 m	440.1 mm	0.2200 m²	1.00	3.0000	0.9525	0	-	-	1.0000	1.0709	45.90 m/s	1.2641 kPa	0.8118
21.59 m	449.8 mm	0.2249 m²	1.00	3.0000	0.9495	0	-	-	1.0000	1.0713	45.77 m/s	1.2569 kPa	0.8116
21.09 m	459.5 mm	0.2297 m²	1.00	3.0000	0.9465	0	-	-	1.0000	1.0718	45.65 m/s	1.2504 kPa	0.8114

20.59 m	469.2 mm	0.2346 m²	1.00	3.0000	0.9435	0	-	-	1.0000	1.0723	45.53 m/s	1.2438 kPa	0.8113
20.09 m	466.9 mm	0.2335 m²	1.00	3.0000	0.9405	0	-	-	1.0000	1.0728	45.40 m/s	1.2367 kPa	0.8111
19.59 m	476.7 mm	0.2384 m²	1.00	3.0000	0.9359	0	-	-	1.0000	1.0733	45.20 m/s	1.2258 kPa	0.8108
19.09 m	486.5 mm	0.2433 m²	1.00	3.0000	0.9309	0	-	-	1.0000	1.0738	44.98 m/s	1.2139 kPa	0.8105
18.59 m	496.3 mm	0.2482 m²	1.00	3.0000	0.9259	0	-	-	1.0000	1.0743	44.76 m/s	1.2021 kPa	0.8102
18.09 m	506.1 mm	0.2531 m²	1.00	3.0000	0.9209	0	-	-	1.0000	1.0748	44.54 m/s	1.1903 kPa	0.8099
17.59 m	515.9 mm	0.2580 m²	1.00	3.0000	0.9159	0	-	-	1.0000	1.0753	44.32 m/s	1.1786 kPa	0.8096
17.09 m	525.7 mm	0.2629 m²	1.00	3.0000	0.9109	0	-	-	1.0000	1.0758	44.10 m/s	1.1669 kPa	0.8093
16.59 m	535.5 mm	0.2678 m²	1.00	3.0000	0.9059	0	-	-	1.0000	1.0764	43.88 m/s	1.1553 kPa	0.8090
16.09 m	545.3 mm	0.2727 m²	1.00	3.0000	0.9009	0	-	-	1.0000	1.0769	43.66 m/s	1.1437 kPa	0.8087
15.59 m	555.1 mm	0.2776 m²	1.00	3.0000	0.8959	0	-	-	1.0000	1.0775	43.44 m/s	1.1322 kPa	0.8084
15.09 m	548.9 mm	0.2744 m²	1.00	3.0000	0.8909	0	-	-	1.0000	1.0780	43.22 m/s	1.1208 kPa	0.8081
14.59 m	558.6 mm	0.2793 m²	1.00	3.0000	0.8851	0	-	-	1.0000	1.0786	42.96 m/s	1.1073 kPa	0.8077
14.09 m	568.3 mm	0.2841 m²	1.00	3.0000	0.8791	0	-	-	1.0000	1.0792	42.69 m/s	1.0935 kPa	0.8073
13.59 m	578.0 mm	0.2890 m²	1.00	3.0000	0.8731	0	-	-	1.0000	1.0798	42.42 m/s	1.0797 kPa	0.8069
13.09 m	587.7 mm	0.2938 m²	1.00	3.0000	0.8671	0	-	-	1.0000	1.0804	42.16 m/s	1.0665 kPa	0.8065
12.59 m	597.4 mm	0.2987 m²	1.00	3.0000	0.8611	0	-	-	1.0000	1.0810	41.89 m/s	1.0529 kPa	0.8061
12.09 m	607.1 mm	0.3035 m²	1.00	3.0000	0.8551	0	-	-	1.0000	1.0816	41.62 m/s	1.0393 kPa	0.8057
11.59 m	616.8 mm	0.3084 m²	1.00	3.0000	0.8491	0	-	-	1.0000	1.0822	41.35 m/s	1.0259 kPa	0.8053
11.09 m	626.5 mm	0.3132 m²	1.00	3.0000	0.8431	0	-	-	1.0000	1.0828	41.08 m/s	1.0125 kPa	0.8049
10.59 m	636.2 mm	0.3181 m²	1.00	3.0000	0.8371	0	-	-	1.0000	1.0835	40.81 m/s	0.9993 kPa	0.8045
10.09 m	629.9 mm	0.3149 m²	1.00	3.0000	0.8311	0	-	-	1.0000	1.0841	40.54 m/s	0.9861 kPa	0.8041
9.59 m	639.6 mm	0.3198 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9494	1.0848	38.47 m/s	0.8880 kPa	0.8008
9.09 m	649.3 mm	0.3246 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9416	1.0855	38.18 m/s	0.8746 kPa	0.8003
8.59 m	659.0 mm	0.3295 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9338	1.0861	37.88 m/s	0.8609 kPa	0.7998
8.09 m	668.7 mm	0.3343 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9260	1.0868	37.59 m/s	0.8478 kPa	0.7994
7.59 m	678.4 mm	0.3392 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9182	1.0875	37.30 m/s	0.8348 kPa	0.7989
7.09 m	688.1 mm	0.3440 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9104	1.0882	37.00 m/s	0.8214 kPa	0.7984
6.59 m	697.8 mm	0.3489 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.8081	1.0890	32.87 m/s	0.6483 kPa	0.7908
6.09 m	707.5 mm	0.3537 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7998	1.0897	32.55 m/s	0.6357 kPa	0.7902
5.59 m	717.2 mm	0.3586 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7834	1.0905	31.91 m/s	0.6109 kPa	0.7889
5.03 m	708.1 mm	0.4426 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7649	1.0913	31.18 m/s	0.5833 kPa	0.7874
4.40 m	720.4 mm	0.4502 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7444	1.0923	30.37 m/s	0.5534 kPa	0.7857
3.79 m	732.4 mm	0.4394 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7243	1.0933	30.00 m/s	0.5400 kPa	0.7849
3.48 m	738.5 mm	0.0185 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7267	1.0938	30.00 m/s	0.5400 kPa	0.7849
3.15 m	744.9 mm	0.4655 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7148	1.0943	30.00 m/s	0.5400 kPa	0.7849
2.53 m	757.1 mm	0.4732 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0954	30.00 m/s	0.5400 kPa	0.7849
1.90 m	769.4 mm	0.4809 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0964	30.00 m/s	0.5400 kPa	0.7849
1.41 m	778.9 mm	0.2726 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0973	30.00 m/s	0.5400 kPa	0.7849
1.10 m	785.1 mm	0.2159 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0978	30.00 m/s	0.5400 kPa	0.7849
0.65 m	793.9 mm	0.4962 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0986	30.00 m/s	0.5400 kPa	0.7849

NORTH WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	3.0000	1.0021	0	-	-	1.0000	1.1739	50.29 m/s	1.5175 kPa	0.8173
29.92 m	297.9 mm	0.1820 m²	0.95	3.0000	0.9995	0	-	-	1.0000	1.1748	50.20 m/s	1.5120 kPa	0.8172
29.55 m	305.0 mm	0.0390 m²	0.95	3.0000	0.9973	0	-	-	1.0000	1.1754	50.11 m/s	1.5066 kPa	0.8171
29.25 m	311.0 mm	0.1503 m²	0.95	3.0000	0.9955	0	-	-	1.0000	1.1758	50.04 m/s	1.5024 kPa	0.8170
28.70 m	321.6 mm	0.1965 m²	0.95	3.0000	0.9922	0	-	-	1.0000	1.1766	49.91 m/s	1.4946 kPa	0.8169
28.09 m	333.5 mm	0.2038 m²	0.95	3.0000	0.9885	0	-	-	1.0000	1.1775	49.76 m/s	1.4856 kPa	0.8167
27.48 m	345.4 mm	0.2111 m²	0.95	3.0000	0.9849	0	-	-	1.0000	1.1785	49.62 m/s	1.4773 kPa	0.8165
26.87 m	357.3 mm	0.2183 m²	0.95	3.0000	0.9812	0	-	-	1.0000	1.1794	49.47 m/s	1.4684 kPa	0.8163
26.26 m	369.2 mm	0.2256 m²	0.95	3.0000	0.9775	0	-	-	1.0000	1.1803	49.32 m/s	1.4595 kPa	0.8162
25.64 m	381.1 mm	0.2329 m²	0.95	3.0000	0.9739	0	-	-	1.0000	1.1813	49.18 m/s	1.4512 kPa	0.8160
25.09 m	381.9 mm	0.1909 m²	0.95	3.0000	0.9705	0	-	-	1.0000	1.1822	49.05 m/s	1.4435 kPa	0.8158
24.59 m	391.6 mm	0.1958 m²	0.95	3.0000	0.9675	0	-	-	1.0000	1.1830	48.93 m/s	1.4365 kPa	0.8157
24.09 m	401.3 mm	0.2006 m²	0.95	3.0000	0.9645	0	-	-	1.0000	1.1838	48.81 m/s	1.4294 kPa	0.8155
23.59 m	411.0 mm	0.2055 m²	0.95	3.0000	0.9615	0	-	-	1.0000	1.1846	48.69 m/s	1.4224 kPa	0.8154
23.09 m	420.7 mm	0.2103 m²	0.95	3.0000	0.9585	0	-	-	1.0000	1.1854	48.57 m/s	1.4154 kPa	0.8152
22.59 m	430.4 mm	0.2152 m²	0.95	3.0000	0.9555	0	-	-	1.0000	1.1862	48.45 m/s	1.4084 kPa	0.8151
22.09 m	440.1 mm	0.2200 m²	0.95	3.0000	0.9525	0	-	-	1.0000	1.1870	48.33 m/s	1.4015 kPa	0.8149
21.59 m	449.8 mm	0.2249 m²	0.95	3.0000	0.9495	0	-	-	1.0000	1.1879	48.22 m/s	1.3951 kPa	0.8148
21.09 m	459.5 mm	0.2297 m²	0.95	3.0000	0.9465	0	-	-	1.0000	1.1887	48.10 m/s	1.3882 kPa	0.8146
20.59 m	469.2 mm	0.2346 m²	0.95	3.0000	0.9435	0	-	-	1.0000	1.1896	47.98 m/s	1.3812 kPa	0.8145
20.09 m	466.9 mm	0.2335 m²	0.95	3.0000	0.9405	0	-	-	1.0000	1.1904	47.86 m/s	1.3743 kPa	0.8143
19.59 m	476.7 mm	0.2384 m²	0.95	3.0000	0.9359	0	-	-	1.0000	1.1913	47.66 m/s	1.3629 kPa	0.8141
19.09 m	486.5 mm	0.2433 m²	0.95	3.0000	0.9309	0	-	-	1.0000	1.1922	47.44 m/s	1.3503 kPa	0.8138
18.59 m	496.3 mm	0.2482 m²	0.95	3.0000	0.9259	0	-	-	1.0000	1.1931	47.23 m/s	1.3384 kPa	0.8135
18.09 m	506.1 mm	0.2531 m²	0.95	3.0000	0.9209	0	-	-	1.0000	1.1940	47.01 m/s	1.3260 kPa	0.8132
17.59 m	515.9 mm	0.2580 m²	0.95	3.0000	0.9159	0	-	-	1.0000	1.1949	46.79 m/s	1.3136 kPa	0.8130
17.09 m	525.7 mm	0.2629 m²	0.95	3.0000	0.9109	0	-	-	1.0000	1.1958	46.57 m/s	1.3013 kPa	0.8127
16.59 m	535.5 mm	0.2678 m²	0.95	3.0000	0.9059	0	-	-	1.0000	1.1967	46.34 m/s	1.2884 kPa	0.8124
16.09 m	545.3 mm	0.2727 m²	0.95	3.0000	0.9009	0	-	-	1.0000	1.1976	46.12 m/s	1.2762 kPa	0.8121
15.59 m	555.1 mm	0.2776 m²	0.95	3.0000	0.8959	0	-	-	1.0000	1.1985	45.90 m/s	1.2641 kPa	0.8118
15.09 m	548.9 mm	0.2744 m²	0.95	3.0000	0.8909	0	-	-	1.0000	1.1995	45.68 m/s	1.2520 kPa	0.8115
14.59 m	558.6 mm	0.2793 m²	0.95	3.0000	0.8851	0	-	-	1.0000	1.2004	45.42 m/s	1.2378 kPa	0.8111
14.09 m	568.3 mm	0.2841 m²	0.95	3.0000	0.8791	0	-	-	1.0000	1.2014	45.15 m/s	1.2231 kPa	0.8108
13.59 m	578.0 mm	0.2890 m²	0.95	3.0000	0.8731	0	-	-	1.0000	1.2024	44.88 m/s	1.2085 kPa	0.8104
13.09 m	587.7 mm	0.2938 m²	0.95	3.0000	0.8671	0	-	-	1.0000	1.2034	44.61 m/s	1.1940 kPa	0.8100
12.59 m	597.4 mm	0.2987 m²	0.95	3.0000	0.8611	0	-	-	1.0000	1.2043	44.33 m/s	1.1791 kPa	0.8096
12.09 m	607.1 mm	0.3035 m²	0.95	3.0000	0.8551	0	-	-	1.0000	1.2053	44.06 m/s	1.1648 kPa	0.8093
11.59 m	616.8 mm	0.3084 m²	0.95	3.0000	0.8491	0	-	-	1.0000	1.2064	43.79 m/s	1.1505 kPa	0.8089
11.09 m	626.5 mm	0.3132 m²	0.95	3.0000	0.8431	0	-	-	1.0000	1.2074	43.52 m/s	1.1364 kPa	0.8085
10.59 m	636.2 mm	0.3181 m²	0.95	3.0000	0.8371	0	-	-	1.0000	1.2084	43.24 m/s	1.1218 kPa	0.8081
10.09 m	629.9 mm	0.3149 m²	0.95	3.0000	0.8311	0	-	-	1.0000	1.2094	42.97 m/s	1.1079 kPa	0.8077
9.59 m	639.6 mm	0.3198 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9408	1.2105	40.41 m/s	0.9798 kPa	0.8039
9.09 m	649.3 mm	0.3246 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9335	1.2116	40.13 m/s	0.9663 kPa	0.8035
8.59 m	659.0 mm	0.3295 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9261	1.2126	39.85 m/s	0.9528 kPa	0.8030
8.09 m	668.7 mm	0.3343 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9188	1.2137	39.57 m/s	0.9395 kPa	0.8026
7.59 m	678.4 mm	0.3392 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9115	1.2148	39.29 m/s	0.9262 kPa	0.8021
7.09 m	688.1 mm	0.3440 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9041	1.2159	39.01 m/s	0.9131 kPa	0.8017
6.59 m	697.8 mm	0.3489 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7777	1.2170	33.58 m/s	0.6766 kPa	0.7922
6.09 m	707.5 mm	0.3537 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7642	1.2181	33.03 m/s	0.6546 kPa	0.7911
5.59 m	717.2 mm	0.3586 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7507	1.2193	32.48 m/s	0.6330 kPa	0.7900
5.03 m	708.1 mm	0.4426 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7355	1.2206	31.85 m/s	0.6087 kPa	0.7888
4.40 m	720.4 mm	0.4502 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7187	1.2220	31.16 m/s	0.5826 kPa	0.7873
3.79 m	732.4 mm	0.4394 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7022	1.2235	30.48 m/s	0.5574 kPa	0.7859
3.48 m	738.5 mm	0.0185 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2242	30.41 m/s	0.5549 kPa	0.7858
3.15 m	744.9 mm	0.4655 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2250	30.43 m/s	0.5556 kPa	0.7858

2.53 m	757.1 mm	0.4732 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2265	30.46 m/s	0.5567 kPa	0.7859
1.90 m	769.4 mm	0.4809 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2281	30.50 m/s	0.5582 kPa	0.7859
1.41 m	778.9 mm	0.2726 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2293	30.53 m/s	0.5592 kPa	0.7860
1.10 m	785.1 mm	0.2159 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2301	30.55 m/s	0.5600 kPa	0.7861
0.65 m	793.9 mm	0.4962 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2312	30.58 m/s	0.5611 kPa	0.7861

LOAD CASE 4: G + Ps + Ws

NORTH WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.80	1.7144	1.1504	0	-	-	1.0000	1.1739	30.25 m/s	0.5490 kPa	0.7349
29.92 m	297.9 mm	0.1820 m²	0.80	1.7221	1.1475	0	-	-	1.0000	1.1748	30.20 m/s	0.5472 kPa	0.7003
29.55 m	305.0 mm	0.0390 m²	0.80	1.7267	1.1457	0	-	-	1.0000	1.1754	30.17 m/s	0.5461 kPa	0.6798
29.25 m	311.0 mm	0.1503 m²	0.80	1.7304	1.1442	0	-	-	1.0000	1.1758	30.14 m/s	0.5451 kPa	0.6626
28.70 m	321.6 mm	0.1965 m²	0.80	1.7370	1.1414	0	-	-	1.0000	1.1766	30.08 m/s	0.5429 kPa	0.6326
28.09 m	333.5 mm	0.2038 m²	0.80	1.7442	1.1384	0	-	-	1.0000	1.1775	30.03 m/s	0.5411 kPa	0.7849
27.48 m	345.4 mm	0.2111 m²	0.80	1.7513	1.1354	0	-	-	1.0000	1.1785	29.97 m/s	0.5389 kPa	0.7848
26.87 m	357.3 mm	0.2183 m²	0.80	1.7583	1.1324	0	-	-	1.0000	1.1794	29.92 m/s	0.5371 kPa	0.7847
26.26 m	369.2 mm	0.2256 m²	0.80	1.7652	1.1294	0	-	-	1.0000	1.1803	29.86 m/s	0.5350 kPa	0.7846
25.64 m	381.1 mm	0.2329 m²	0.80	1.7719	1.1264	0	-	-	1.0000	1.1813	29.81 m/s	0.5332 kPa	0.7845
25.09 m	381.9 mm	0.1909 m²	0.80	1.7779	1.1237	0	-	-	1.0000	1.1822	29.76 m/s	0.5314 kPa	0.7843
24.59 m	391.6 mm	0.1958 m²	0.80	1.7832	1.1212	0	-	-	1.0000	1.1830	29.71 m/s	0.5296 kPa	0.7842
24.09 m	401.3 mm	0.2006 m²	0.80	1.7884	1.1188	0	-	-	1.0000	1.1838	29.67 m/s	0.5282 kPa	0.7841
23.59 m	411.0 mm	0.2055 m²	0.80	1.7936	1.1163	0	-	-	1.0000	1.1846	29.62 m/s	0.5264 kPa	0.7840
23.09 m	420.7 mm	0.2103 m²	0.80	1.7987	1.1139	0	-	-	1.0000	1.1854	29.58 m/s	0.5250 kPa	0.7839
22.59 m	430.4 mm	0.2152 m²	0.80	1.8037	1.1114	0	-	-	1.0000	1.1862	29.53 m/s	0.5232 kPa	0.7838
22.09 m	440.1 mm	0.2200 m²	0.80	1.8086	1.1090	0	-	-	1.0000	1.1870	29.49 m/s	0.5218 kPa	0.7837
21.59 m	449.8 mm	0.2249 m²	0.80	1.8135	1.1066	0	-	-	1.0000	1.1879	29.45 m/s	0.5204 kPa	0.7837
21.09 m	459.5 mm	0.2297 m²	0.80	1.8183	1.1041	0	-	-	1.0000	1.1887	29.40 m/s	0.5186 kPa	0.7835
20.59 m	469.2 mm	0.2346 m²	0.80	1.8230	1.1017	0	-	-	1.0000	1.1896	29.36 m/s	0.5172 kPa	0.7835
20.09 m	466.9 mm	0.2335 m²	0.80	1.8277	1.0993	0	-	-	1.0000	1.1904	29.31 m/s	0.5154 kPa	0.7833
19.59 m	476.7 mm	0.2384 m²	0.80	1.8323	1.0960	0	-	-	1.0000	1.1913	29.25 m/s	0.5133 kPa	0.7832
19.09 m	486.5 mm	0.2433 m²	0.80	1.8395	1.0922	0	-	-	1.0000	1.1922	29.17 m/s	0.5105 kPa	0.7830
18.59 m	496.3 mm	0.2482 m²	0.80	1.8474	1.0883	0	-	-	1.0000	1.1931	29.09 m/s	0.5077 kPa	0.7829
18.09 m	506.1 mm	0.2531 m²	0.80	1.8551	1.0845	0	-	-	1.0000	1.1940	29.01 m/s	0.5049 kPa	0.7827
17.59 m	515.9 mm	0.2580 m²	0.80	1.8627	1.0806	0	-	-	1.0000	1.1949	28.92 m/s	0.5018 kPa	0.7825
17.09 m	525.7 mm	0.2629 m²	0.80	1.8703	1.0768	0	-	-	1.0000	1.1958	28.84 m/s	0.4990 kPa	0.7823
16.59 m	535.5 mm	0.2678 m²	0.80	1.8777	1.0730	0	-	-	1.0000	1.1967	28.76 m/s	0.4963 kPa	0.7821
16.09 m	545.3 mm	0.2727 m²	0.80	1.8851	1.0692	0	-	-	1.0000	1.1976	28.68 m/s	0.4935 kPa	0.7819
15.59 m	555.1 mm	0.2776 m²	0.80	1.8923	1.0654	0	-	-	1.0000	1.1985	28.60 m/s	0.4908 kPa	0.7817
15.09 m	548.9 mm	0.2744 m²	0.80	1.8995	1.0616	0	-	-	1.0000	1.1995	28.52 m/s	0.4880 kPa	0.7816
14.59 m	558.6 mm	0.2793 m²	0.80	1.9065	1.0563	0	-	-	1.0000	1.2004	28.40 m/s	0.4839 kPa	0.7813
14.09 m	568.3 mm	0.2841 m²	0.80	1.9135	1.0506	0	-	-	1.0000	1.2014	28.27 m/s	0.4795 kPa	0.7810
13.59 m	578.0 mm	0.2890 m²	0.80	1.9204	1.0449	0	-	-	1.0000	1.2024	28.14 m/s	0.4751 kPa	0.7807
13.09 m	587.7 mm	0.2938 m²	0.80	1.9272	1.0392	0	-	-	1.0000	1.2034	28.01 m/s	0.4707 kPa	0.7804
12.59 m	597.4 mm	0.2987 m²	0.80	1.9339	1.0335	0	-	-	1.0000	1.2043	27.88 m/s	0.4664 kPa	0.7801
12.09 m	607.1 mm	0.3035 m²	0.80	1.9405	1.0278	0	-	-	1.0000	1.2053	27.75 m/s	0.4620 kPa	0.7798
11.59 m	616.8 mm	0.3084 m²	0.80	1.9471	1.0221	0	-	-	1.0000	1.2064	27.62 m/s	0.4577 kPa	0.7794
11.09 m	626.5 mm	0.3132 m²	0.80	1.9535	1.0164	0	-	-	1.0000	1.2074	27.49 m/s	0.4534 kPa	0.7791
10.59 m	636.2 mm	0.3181 m²	0.80	1.9599	1.0107	0	-	-	1.0000	1.2084	27.36 m/s	0.4491 kPa	0.7788
10.09 m	629.9 mm	0.3149 m²	0.80	1.9662	1.0049	0	-	-	1.0000	1.2094	27.22 m/s	0.4446 kPa	0.7785
9.59 m	639.6 mm	0.3198 m²	0.80	1.9724	0.9960	0	-	-	1.0000	1.2105	27.01 m/s	0.4377 kPa	0.7780
9.09 m	649.3 mm	0.3246 m²	0.80	1.9786	0.9863	0	-	-	1.0000	1.2116	26.77 m/s	0.4300 kPa	0.7774
8.59 m	659.0 mm	0.3295 m²	0.80	1.9847	0.9765	0	-	-	1.0000	1.2126	26.52 m/s	0.4220 kPa	0.7767
8.09 m	668.7 mm	0.3343 m²	0.80	1.9907	0.9668	0	-	-	1.0000	1.2137	26.28 m/s	0.4144 kPa	0.7761
7.59 m	678.4 mm	0.3392 m²	0.80	1.9966	0.9571	0	-	-	1.0000	1.2148	26.04 m/s	0.4068 kPa	0.7755
7.09 m	688.1 mm	0.3440 m²	0.80	2.0025	0.9473	0	-	-	1.0000	1.2159	25.80 m/s	0.3994 kPa	0.7749
6.59 m	697.8 mm	0.3489 m²	0.80	2.0083	0.9377	16	7.00 m	21.71 m	0.8002	1.2170	20.46 m/s	0.2512 kPa	0.7592
6.09 m	707.5 mm	0.3537 m²	0.80	2.0141	0.9282	16	7.00 m	21.71 m	0.7852	1.2181	19.89 m/s	0.2374 kPa	0.7572
5.59 m	717.2 mm	0.3586 m²	0.80	2.0197	0.9188	16	7.00 m	21.71 m	0.7700	1.2193	19.32 m/s	0.2240 kPa	0.7552
5.03 m	708.1 mm	0.4426 m²	0.80	2.0260	0.9084	16	7.00 m	21.71 m	0.7529	1.2206	18.70 m/s	0.2098 kPa	0.7530
4.40 m	720.4 mm	0.4502 m²	0.80	2.0329	0.9074	16	7.00 m	21.71 m	0.7339	1.2220	18.23 m/s	0.1994 kPa	0.7512
3.79 m	732.4 mm	0.4394 m²	0.80	2.0396	0.9068	16	7.00 m	21.71 m	0.7153	1.2235	17.78 m/s	0.1897 kPa	0.7494
3.48 m	738.5 mm	0.0185 m²	0.80	2.0430	0.9066	20	6.30 m	21.02 m	0.7108	1.2242	17.67 m/s	0.1873 kPa	0.7490
3.15 m	744.9 mm	0.4655 m²	0.80	2.0465	0.9063	20	6.30 m	21.02 m	0.7004	1.2250	17.42 m/s	0.1821 kPa	0.7480
2.53 m	757.1 mm	0.4732 m²	0.80	2.0531	0.9058	20	6.30 m	21.02 m	0.7000	1.2265	17.42 m/s	0.1821 kPa	0.7480
1.90 m	769.4 mm	0.4809 m²	0.80	2.0596	0.9052	20	6.30 m	21.02 m	0.7000	1.2281	17.43 m/s	0.1823 kPa	0.7480
1.41 m	778.9 mm	0.2726 m²	0.80	2.0647	0.9048	20	6.30 m	21.02 m	0.7000	1.2293	17.44 m/s	0.1825 kPa	0.7481
1.10 m	785.1 mm	0.2159 m²	0.80	2.0678	0.9046	20	6.30 m	21.02 m	0.7000	1.2301	17.45 m/s	0.1827 kPa	0.7481
0.65 m	793.9 mm	0.4962 m²	0.80	2.0724	0.9042	20	6.30 m	21.02 m	0.7000	1.2312	17.46 m/s	0.1829 kPa	0.7481

NORTH EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.80	1.8142	1.1405	0	-	-	1.0000	1.1422	29.18 m/s	0.5109 kPa	0.7655
29.92 m	297.9 mm	0.1820 m²	0.80	1.8111	1.1386	0	-	-	1.0000	1.1428	29.15 m/s	0.5098 kPa	0.7316
29.55 m	305.0 mm	0.0390 m²	0.80	1.8093	1.1374	0	-	-	1.0000	1.1432	29.13 m/s	0.5091 kPa	0.7115
29.25 m	311.0 mm	0.1503 m²	0.80	1.8078	1.1364	0	-	-	1.0000	1.1435	29.11 m/s	0.5084 kPa	0.6947
28.70 m	321.6 mm	0.1965 m²	0.80	1.8052	1.1345	0	-	-	1.0000	1.1440	29.07 m/s	0.5070 kPa	0.6651
28.09 m	333.5 mm	0.2038 m²	0.80	1.8023	1.1325	0	-	-	1.0000	1.1446	29.04 m/s	0.5060 kPa	0.6315
27.48 m	345.4 mm	0.2111 m²	0.80	1.7995	1.1305	0	-	-	1.0000	1.1452	29.00 m/s	0.5046 kPa	0.7827
26.87 m	357.3 mm	0.2183 m²	0.80	1.7967	1.1284	0	-	-	1.0000	1.1458	28.96 m/s	0.5032 kPa	0.7826
26.26 m	369.2 mm	0.2256 m²	0.80	1.7939	1.1264	0	-	-	1.0000	1.1465	28.93 m/s	0.5022 kPa	0.7825
25.64 m	381.1 mm	0.2329 m²	0.80	1.7912	1.1244	0	-	-	1.0000	1.1471	28.89 m/s	0.5008 kPa	0.7824
25.09 m	381.9 mm	0.1909 m²	0.80	1.7889	1.1225	0	-	-	1.0000	1.1477	28.86 m/s	0.4997 kPa	0.7823
24.59 m	391.6 mm	0.1958 m²	0.80	1.7867	1.1208	0	-	-	1.0000	1.1482	28.83 m/s	0.4987 kPa	0.7823
24.09 m	401.3 mm	0.2006 m²	0.80	1.7884	1.1188	0	-	-	1.0000	1.1487	28.79 m/s	0.4973 kPa	0.7822
23.59 m	411.0 mm	0.2055 m²	0.80	1.7936	1.1163	0	-	-	1.0000	1.1492	28.74 m/s	0.4956 kPa	0.7821
23.09 m	420.7 mm	0.2103 m²	0.80	1.7987	1.1139	0	-	-	1.0000	1.1498	28.69 m/s	0.4939 kPa	0.7819
22.59 m	430.4 mm	0.2152 m²	0.80	1.8037	1.1114	0	-	-	1.0000	1.1503	28.64 m/s	0.4921 kPa	0.7818
22.09 m	440.1 mm	0.2200 m²	0.80	1.8086	1.1090	0	-	-	1.0000	1.1508	28.59 m/s	0.4904 kPa	0.7817
21.59 m	449.8 mm	0.2249 m²	0.80	1.8135	1.1066	0	-	-	1.0000	1.1514	28.54 m/s	0.4887 kPa	0.7816
21.09 m	459.5 mm	0.2297 m²	0.80	1.8183	1.1041	0	-	-	1.0000	1.1519	28.49 m/s	0.4870 kPa	0.7815
20.59 m	469.2 mm	0.2346 m²	0.80	1.8230	1.1017	0	-	-	1.0000	1.1525	28.44 m/s	0.4853 kPa	0.7814
20.09 m	466.9 mm	0.2335 m²	0.80	1.8277	1.0993	0	-	-	1.0000	1.1530	28.39 m/s	0.4836 kPa	0.7813
19.59 m	476.7 mm	0.2384 m²	0.80	1.8323	1.0960	0	-	-	1.0000	1.1536	28.32 m/s	0.4812 kPa	0.7811
19.09 m	486.5 mm	0.2433 m²	0.80	1.8369	1.0925	0	-	-	1.0000	1.1542	28.25 m/s	0.4788 kPa	0.7809
18.59 m	496.3 mm	0.2482 m²	0.80	1.8413	1.0890	0	-	-	1.0000	1.1547	28.17 m/s	0.4761 kPa	0.7807
18.09 m	506.1 mm	0.2531 m²	0.80	1.8458	1.0855	0	-	-	1.0000	1.1553	28.09 m/s	0.4734 kPa	0.7806
17.59 m	515.9 mm	0.2580 m²	0.80	1.8501	1.0820	0	-	-	1.0000	1.1559	28.02 m/s	0.4711 kPa	0.7804

17.09 m	525.7 mm	0.2629 m²	0.80	1.8544	1.0786	0	-	-	1.0000	1.1565	27.94 m/s	0.4684 kPa	0.7802
16.59 m	535.5 mm	0.2678 m²	0.80	1.8587	1.0751	0	-	-	1.0000	1.1571	27.87 m/s	0.4660 kPa	0.7800
16.09 m	545.3 mm	0.2727 m²	0.80	1.8629	1.0716	0	-	-	1.0000	1.1576	27.79 m/s	0.4634 kPa	0.7798
15.59 m	555.1 mm	0.2776 m²	0.80	1.8670	1.0682	0	-	-	1.0000	1.1582	27.71 m/s	0.4607 kPa	0.7797
15.09 m	548.9 mm	0.2744 m²	0.80	1.8711	1.0647	0	-	-	1.0000	1.1588	27.64 m/s	0.4584 kPa	0.7795
14.59 m	558.6 mm	0.2793 m²	0.80	1.8751	1.0597	0	-	-	1.0000	1.1594	27.52 m/s	0.4544 kPa	0.7792
14.09 m	568.3 mm	0.2841 m²	0.80	1.8791	1.0544	0	-	-	1.0000	1.1600	27.40 m/s	0.4505 kPa	0.7789
13.59 m	578.0 mm	0.2890 m²	0.80	1.8831	1.0491	0	-	-	1.0000	1.1607	27.28 m/s	0.4465 kPa	0.7786
13.09 m	587.7 mm	0.2938 m²	0.80	1.8869	1.0438	0	-	-	1.0000	1.1613	27.15 m/s	0.4423 kPa	0.7783
12.59 m	597.4 mm	0.2987 m²	0.80	1.8908	1.0384	0	-	-	1.0000	1.1619	27.03 m/s	0.4384 kPa	0.7780
12.09 m	607.1 mm	0.3035 m²	0.80	1.8946	1.0331	0	-	-	1.0000	1.1625	26.90 m/s	0.4342 kPa	0.7777
11.59 m	616.8 mm	0.3084 m²	0.80	1.8983	1.0278	0	-	-	1.0000	1.1632	26.78 m/s	0.4303 kPa	0.7774
11.09 m	626.5 mm	0.3132 m²	0.80	1.9020	1.0224	0	-	-	1.0000	1.1638	26.65 m/s	0.4261 kPa	0.7771
10.59 m	636.2 mm	0.3181 m²	0.80	1.9057	1.0171	0	-	-	1.0000	1.1644	26.53 m/s	0.4223 kPa	0.7768
10.09 m	629.9 mm	0.3149 m²	0.80	1.9093	1.0118	0	-	-	1.0000	1.1651	26.41 m/s	0.4185 kPa	0.7765
9.59 m	639.6 mm	0.3198 m²	0.80	1.9128	1.0032	0	-	-	1.0000	1.1657	26.20 m/s	0.4119 kPa	0.7759
9.09 m	649.3 mm	0.3246 m²	0.80	1.9163	0.9940	0	-	-	1.0000	1.1664	25.97 m/s	0.4047 kPa	0.7754
8.59 m	659.0 mm	0.3295 m²	0.80	1.9198	0.9847	0	-	-	1.0000	1.1670	25.74 m/s	0.3975 kPa	0.7748
8.09 m	668.7 mm	0.3343 m²	0.80	1.9233	0.9754	0	-	-	1.0000	1.1677	25.51 m/s	0.3905 kPa	0.7742
7.59 m	678.4 mm	0.3392 m²	0.80	1.9266	0.9661	0	-	-	1.0000	1.1684	25.28 m/s	0.3834 kPa	0.7736
7.09 m	688.1 mm	0.3440 m²	0.80	1.9300	0.9568	0	-	-	1.0000	1.1691	25.06 m/s	0.3768 kPa	0.7730
6.59 m	697.8 mm	0.3489 m²	0.80	1.9333	0.9475	2	7.00 m	23.68 m	0.8706	1.1697	21.61 m/s	0.2802 kPa	0.7629
6.09 m	707.5 mm	0.3537 m²	0.80	1.9366	0.9382	2	7.00 m	23.68 m	0.8577	1.1704	21.10 m/s	0.2671 kPa	0.7613
5.59 m	717.2 mm	0.3586 m²	0.80	1.9398	0.9289	2	7.00 m	23.68 m	0.8447	1.1711	20.58 m/s	0.2541 kPa	0.7596
5.03 m	708.1 mm	0.4426 m²	0.80	1.9434	0.9184	2	7.00 m	23.68 m	0.8301	1.1719	20.01 m/s	0.2402 kPa	0.7577
4.40 m	720.4 mm	0.4502 m²	0.80	1.9474	0.9164	2	7.00 m	23.68 m	0.8140	1.1728	19.60 m/s	0.2305 kPa	0.7562
3.79 m	732.4 mm	0.4394 m²	0.80	1.9512	0.9151	2	7.00 m	23.68 m	0.7962	1.1737	19.16 m/s	0.2203 kPa	0.7546
3.48 m	738.5 mm	0.0185 m²	0.80	1.9531	0.9144	20	3.85 m	13.62 m	0.7761	1.1741	18.66 m/s	0.2089 kPa	0.7528
3.15 m	744.9 mm	0.4655 m²	0.80	1.9551	0.9138	20	3.85 m	13.62 m	0.7596	1.1746	18.26 m/s	0.2001 kPa	0.7513
2.53 m	757.1 mm	0.4732 m²	0.80	1.9589	0.9133	20	3.85 m	13.62 m	0.7279	1.1755	17.50 m/s	0.1838 kPa	0.7483
1.90 m	769.4 mm	0.4809 m²	0.80	1.9626	0.9130	20	3.85 m	13.62 m	0.7000	1.1764	16.84 m/s	0.1702 kPa	0.7456
1.41 m	778.9 mm	0.2726 m²	0.80	1.9655	0.9128	20	3.85 m	13.62 m	0.7000	1.1772	16.85 m/s	0.1704 kPa	0.7456
1.10 m	785.1 mm	0.2159 m²	0.80	1.9673	0.9126	20	3.85 m	13.62 m	0.7000	1.1776	16.85 m/s	0.1704 kPa	0.7456
0.65 m	793.9 mm	0.4962 m²	0.80	1.9699	0.9124	20	3.85 m	13.62 m	0.7000	1.1783	16.86 m/s	0.1706 kPa	0.7457

EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.80	1.5000	1.1716	0	-	-	1.0000	1.2310	32.31 m/s	0.6264 kPa	0.6759
29.92 m	297.9 mm	0.1820 m²	0.80	1.5000	1.1697	0	-	-	1.0000	1.2324	32.29 m/s	0.6256 kPa	0.6381
29.55 m	305.0 mm	0.0390 m²	0.80	1.5000	1.1684	0	-	-	1.0000	1.2332	32.28 m/s	0.6252 kPa	0.6155
29.25 m	311.0 mm	0.1503 m²	0.80	1.5000	1.1674	0	-	-	1.0000	1.2339	32.27 m/s	0.6248 kPa	0.7896
28.70 m	321.6 mm	0.1965 m²	0.80	1.5000	1.1654	0	-	-	1.0000	1.2352	32.24 m/s	0.6237 kPa	0.7895
28.09 m	333.5 mm	0.2038 m²	0.80	1.5000	1.1633	0	-	-	1.0000	1.2366	32.22 m/s	0.6229 kPa	0.7895
27.48 m	345.4 mm	0.2111 m²	0.80	1.5000	1.1612	0	-	-	1.0000	1.2381	32.20 m/s	0.6221 kPa	0.7895
26.87 m	357.3 mm	0.2183 m²	0.80	1.5000	1.1590	0	-	-	1.0000	1.2396	32.18 m/s	0.6213 kPa	0.7894
26.26 m	369.2 mm	0.2256 m²	0.80	1.5000	1.1569	0	-	-	1.0000	1.2411	32.16 m/s	0.6206 kPa	0.7894
25.64 m	381.1 mm	0.2329 m²	0.80	1.5000	1.1548	0	-	-	1.0000	1.2426	32.14 m/s	0.6198 kPa	0.7893
25.09 m	381.9 mm	0.1909 m²	0.80	1.5000	1.1528	0	-	-	1.0000	1.2440	32.12 m/s	0.6190 kPa	0.7893
24.59 m	391.6 mm	0.1958 m²	0.80	1.5000	1.1511	0	-	-	1.0000	1.2452	32.11 m/s	0.6186 kPa	0.7893
24.09 m	401.3 mm	0.2006 m²	0.80	1.5000	1.1493	0	-	-	1.0000	1.2465	32.09 m/s	0.6179 kPa	0.7892
23.59 m	411.0 mm	0.2055 m²	0.80	1.5000	1.1476	0	-	-	1.0000	1.2478	32.08 m/s	0.6175 kPa	0.7892
23.09 m	420.7 mm	0.2103 m²	0.80	1.5000	1.1458	0	-	-	1.0000	1.2491	32.06 m/s	0.6167 kPa	0.7892
22.59 m	430.4 mm	0.2152 m²	0.80	1.5000	1.1441	0	-	-	1.0000	1.2504	32.05 m/s	0.6163 kPa	0.7892
22.09 m	440.1 mm	0.2200 m²	0.80	1.5000	1.1423	0	-	-	1.0000	1.2517	32.03 m/s	0.6156 kPa	0.7891
21.59 m	449.8 mm	0.2249 m²	0.80	1.5000	1.1406	0	-	-	1.0000	1.2531	32.02 m/s	0.6152 kPa	0.7891
21.09 m	459.5 mm	0.2297 m²	0.80	1.5000	1.1388	0	-	-	1.0000	1.2544	32.00 m/s	0.6144 kPa	0.7891
20.59 m	469.2 mm	0.2346 m²	0.80	1.5000	1.1371	0	-	-	1.0000	1.2558	31.99 m/s	0.6140 kPa	0.7890
20.09 m	466.9 mm	0.2335 m²	0.80	1.5000	1.1353	0	-	-	1.0000	1.2572	31.97 m/s	0.6132 kPa	0.7890
19.59 m	476.7 mm	0.2384 m²	0.80	1.5000	1.1325	0	-	-	1.0000	1.2586	31.93 m/s	0.6117 kPa	0.7889
19.09 m	486.5 mm	0.2433 m²	0.80	1.5053	1.1290	0	-	-	1.0000	1.2600	31.86 m/s	0.6090 kPa	0.7888
18.59 m	496.3 mm	0.2482 m²	0.80	1.5120	1.1252	0	-	-	1.0000	1.2614	31.79 m/s	0.6064 kPa	0.7886
18.09 m	506.1 mm	0.2531 m²	0.80	1.5187	1.1215	0	-	-	1.0000	1.2629	31.73 m/s	0.6041 kPa	0.7885
17.59 m	515.9 mm	0.2580 m²	0.80	1.5252	1.1178	0	-	-	1.0000	1.2644	31.66 m/s	0.6014 kPa	0.7884
17.09 m	525.7 mm	0.2629 m²	0.80	1.5317	1.1140	0	-	-	1.0000	1.2658	31.59 m/s	0.5988 kPa	0.7882
16.59 m	535.5 mm	0.2678 m²	0.80	1.5380	1.1104	0	-	-	1.0000	1.2673	31.52 m/s	0.5961 kPa	0.7881
16.09 m	545.3 mm	0.2727 m²	0.80	1.5443	1.1067	0	-	-	1.0000	1.2689	31.46 m/s	0.5938 kPa	0.7880
15.59 m	555.1 mm	0.2776 m²	0.80	1.5505	1.1030	0	-	-	1.0000	1.2704	31.39 m/s	0.5912 kPa	0.7878
15.09 m	548.9 mm	0.2744 m²	0.80	1.5567	1.0993	0	-	-	1.0000	1.2719	31.32 m/s	0.5886 kPa	0.7877
14.59 m	558.6 mm	0.2793 m²	0.80	1.5627	1.0944	0	-	-	1.0000	1.2735	31.22 m/s	0.5848 kPa	0.7875
14.09 m	568.3 mm	0.2841 m²	0.80	1.5687	1.0891	0	-	-	1.0000	1.2751	31.11 m/s	0.5807 kPa	0.7872
13.59 m	578.0 mm	0.2890 m²	0.80	1.5746	1.0839	0	-	-	1.0000	1.2767	31.00 m/s	0.5766 kPa	0.7870
13.09 m	587.7 mm	0.2938 m²	0.80	1.5804	1.0787	0	-	-	1.0000	1.2783	30.89 m/s	0.5725 kPa	0.7868
12.59 m	597.4 mm	0.2987 m²	0.80	1.5862	1.0734	0	-	-	1.0000	1.2800	30.78 m/s	0.5684 kPa	0.7865
12.09 m	607.1 mm	0.3035 m²	0.80	1.5919	1.0682	0	-	-	1.0000	1.2816	30.67 m/s	0.5644 kPa	0.7863
11.59 m	616.8 mm	0.3084 m²	0.80	1.5975	1.0629	0	-	-	1.0000	1.2833	30.55 m/s	0.5600 kPa	0.7861
11.09 m	626.5 mm	0.3132 m²	0.80	1.6030	1.0577	0	-	-	1.0000	1.2850	30.44 m/s	0.5560 kPa	0.7858
10.59 m	636.2 mm	0.3181 m²	0.80	1.6085	1.0524	0	-	-	1.0000	1.2867	30.33 m/s	0.5519 kPa	0.7856
10.09 m	629.9 mm	0.3149 m²	0.80	1.6139	1.0472	0	-	-	1.0000	1.2885	30.22 m/s	0.5479 kPa	0.7853
9.59 m	639.6 mm	0.3198 m²	0.80	1.6192	1.0389	0	-	-	1.0000	1.2903	30.03 m/s	0.5411 kPa	0.7849
9.09 m	649.3 mm	0.3246 m²	0.80	1.6245	1.0300	0	-	-	1.0000	1.2920	29.81 m/s	0.5332 kPa	0.7845
8.59 m	659.0 mm	0.3295 m²	0.80	1.6297	1.0211	0	-	-	1.0000	1.2938	29.59 m/s	0.5253 kPa	0.7840
8.09 m	668.7 mm	0.3343 m²	0.80	1.6349	1.0122	0	-	-	1.0000	1.2957	29.38 m/s	0.5179 kPa	0.7835
7.59 m	678.4 mm	0.3392 m²	0.80	1.6400	1.0033	0	-	-	1.0000	1.2975	29.16 m/s	0.5102 kPa	0.7830
7.09 m	688.1 mm	0.3440 m²	0.80	1.6450	0.9943	0	-	-	1.0000	1.2994	28.94 m/s	0.5025 kPa	0.7825
6.59 m	697.8 mm	0.3489 m²	0.80	1.6500	0.9854	0	-	-	1.0000	1.3013	28.72 m/s	0.4949 kPa	0.7820
6.09 m	707.5 mm	0.3537 m²	0.80	1.6549	0.9764	0	-	-	1.0000	1.3032	28.50 m/s	0.4874 kPa	0.7815
5.59 m	717.2 mm	0.3586 m²	0.80	1.6598	0.9674	0	-	-	1.0000	1.3052	28.28 m/s	0.4799 kPa	0.7810
5.03 m	708.1 mm	0.4426 m²	0.80	1.6652	0.9573	0	-	-	1.0000	1.3074	28.04 m/s	0.4717 kPa	0.7804
4.40 m	720.4 mm	0.4502 m²	0.80	1.6711	0.9501	0	-	-	1.0000	1.3099	27.88 m/s	0.4664 kPa	0.7801
3.79 m	732.4 mm	0.4394 m²	0.80	1.6768	0.9435	0	-	-	1.0000	1.3124	27.74 m/s	0.4617 kPa	0.7797
3.48 m	738.5 mm	0.0185 m²	0.80	1.6797	0.9402	1	3.50 m	18.60 m	0.9078	1.3137	25.12 m/s	0.3786 kPa	0.7731
3.15 m	744.9 mm	0.4655 m²	0.80	1.6827	0.9368	1	3.50 m	18.60 m	0.8953	1.3151	24.71 m/s	0.3664 kPa	0.7720
2.53 m	757.1 mm	0.4732 m²	0.80	1.6884	0.9349	1	3.50 m	18.60 m	0.8566	1.3177	23.64 m/s	0.3353 kPa	0.7690
1.90 m	769.4 mm	0.4809 m²	0.80	1.6940	0.9345	1	3.50 m	18.60 m	0.8178	1.3204	22.60 m/s	0.3065 kPa	0.7660
1.41 m	778.9 mm	0.2726 m²	0.80	1.6983	0.9341	1	3.50 m	18.60 m	0.7753	1.3225	21.45 m/s	0.2761 kPa	0.7624
1.10 m	785.1 mm	0.2159 m²	0.80	1.7010	0.9339	1	3.50 m	18.60 m	0.7366	1.3239	20.40 m/s	0.2497 kPa	0.7590
0.65 m	793.9 mm	0.4962 m²	0.80	1.7049	0.9336	1	3.50 m	18.60 m	0.7000	1.3259	19.41 m/s	0.2260 kPa	0.7555

SOUTH EAST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	1.5000	1.1716	0	-	-	1.0000	1.2136	37.82 m/s	0.8582 kPa	0.7997
29.92 m	297.9 mm	0.1820 m²	0.95	1.5000	1.1697	0	-	-	1.0000	1.2148	37.80 m/s	0.8573 kPa	0.7997
29.55 m	305.0 mm	0.0390 m²	0.95	1.5000	1.1684	0	-	-	1.0000	1.2155	37.78 m/s	0.8564 kPa	0.7997
29.25 m	311.0 mm	0.1503 m²	0.95	1.5000	1.1674	0	-	-	1.0000	1.2161	37.76 m/s	0.8555 kPa	0.7996
28.70 m	321.6 mm	0.1965 m²	0.95	1.5000	1.1654	0	-	-	1.0000	1.2171	37.73 m/s	0.8541 kPa	0.7996
28.09 m	333.5 mm	0.2038 m²	0.95	1.5000	1.1633	0	-	-	1.0000	1.2184	37.70 m/s	0.8528 kPa	0.7995
27.48 m	345.4 mm	0.2111 m²	0.95	1.5000	1.1612	0	-	-	1.0000	1.2196	37.67 m/s	0.8514 kPa	0.7995
26.87 m	357.3 mm	0.2183 m²	0.95	1.5000	1.1590	0	-	-	1.0000	1.2208	37.64 m/s	0.8501 kPa	0.7994
26.26 m	369.2 mm	0.2256 m²	0.95	1.5000	1.1569	0	-	-	1.0000	1.2221	37.61 m/s	0.8487 kPa	0.7994
25.64 m	381.1 mm	0.2329 m²	0.95	1.5000	1.1548	0	-	-	1.0000	1.2234	37.58 m/s	0.8474 kPa	0.7993
25.09 m	381.9 mm	0.1909 m²	0.95	1.5000	1.1528	0	-	-	1.0000	1.2245	37.55 m/s	0.8460 kPa	0.7993
24.59 m	391.6 mm	0.1958 m²	0.95	1.5000	1.1511	0	-	-	1.0000	1.2256	37.53 m/s	0.8451 kPa	0.7993
24.09 m	401.3 mm	0.2006 m²	0.95	1.5000	1.1493	0	-	-	1.0000	1.2267	37.50 m/s	0.8438 kPa	0.7992
23.59 m	411.0 mm	0.2055 m²	0.95	1.5000	1.1476	0	-	-	1.0000	1.2278	37.48 m/s	0.8429 kPa	0.7992
23.09 m	420.7 mm	0.2103 m²	0.95	1.5000	1.1458	0	-	-	1.0000	1.2288	37.45 m/s	0.8415 kPa	0.7991
22.59 m	430.4 mm	0.2152 m²	0.95	1.5000	1.1441	0	-	-	1.0000	1.2299	37.43 m/s	0.8406 kPa	0.7991
22.09 m	440.1 mm	0.2200 m²	0.95	1.5000	1.1423	0	-	-	1.0000	1.2311	37.41 m/s	0.8397 kPa	0.7991
21.59 m	449.8 mm	0.2249 m²	0.95	1.5000	1.1406	0	-	-	1.0000	1.2322	37.38 m/s	0.8384 kPa	0.7990
21.09 m	459.5 mm	0.2297 m²	0.95	1.5000	1.1388	0	-	-	1.0000	1.2333	37.36 m/s	0.8375 kPa	0.7990
20.59 m	469.2 mm	0.2346 m²	0.95	1.5000	1.1371	0	-	-	1.0000	1.2345	37.34 m/s	0.8366 kPa	0.7989
20.09 m	466.9 mm	0.2335 m²	0.95	1.5000	1.1353	0	-	-	1.0000	1.2356	37.31 m/s	0.8352 kPa	0.7989
19.59 m	476.7 mm	0.2384 m²	0.95	1.5000	1.1325	0	-	-	1.0000	1.2368	37.26 m/s	0.8330 kPa	0.7988
19.09 m	486.5 mm	0.2433 m²	0.95	1.5053	1.1290	0	-	-	1.0000	1.2380	37.18 m/s	0.8294 kPa	0.7987
18.59 m	496.3 mm	0.2482 m²	0.95	1.5120	1.1252	0	-	-	1.0000	1.2392	37.09 m/s	0.8254 kPa	0.7985
18.09 m	506.1 mm	0.2531 m²	0.95	1.5187	1.1215	0	-	-	1.0000	1.2404	37.00 m/s	0.8214 kPa	0.7984
17.59 m	515.9 mm	0.2580 m²	0.95	1.5252	1.1178	0	-	-	1.0000	1.2416	36.92 m/s	0.8179 kPa	0.7982
17.09 m	525.7 mm	0.2629 m²	0.95	1.5317	1.1140	0	-	-	1.0000	1.2428	36.83 m/s	0.8139 kPa	0.7981
16.59 m	535.5 mm	0.2678 m²	0.95	1.5380	1.1104	0	-	-	1.0000	1.2441	36.75 m/s	0.8103 kPa	0.7979
16.09 m	545.3 mm	0.2727 m²	0.95	1.5443	1.1067	0	-	-	1.0000	1.2453	36.66 m/s	0.8064 kPa	0.7978
15.59 m	555.1 mm	0.2776 m²	0.95	1.5505	1.1030	0	-	-	1.0000	1.2466	36.57 m/s	0.8024 kPa	0.7976
15.09 m	548.9 mm	0.2744 m²	0.95	1.5567	1.0993	0	-	-	1.0000	1.2479	36.49 m/s	0.7989 kPa	0.7975
14.59 m	558.6 mm	0.2793 m²	0.95	1.5627	1.0944	0	-	-	1.0000	1.2492	36.37 m/s	0.7937 kPa	0.7973
14.09 m	568.3 mm	0.2841 m²	0.95	1.5687	1.0891	0	-	-	1.0000	1.2505	36.23 m/s	0.7876 kPa	0.7970
13.59 m	578.0 mm	0.2890 m²	0.95	1.5746	1.0839	0	-	-	1.0000	1.2518	36.09 m/s	0.7815 kPa	0.7968
13.09 m	587.7 mm	0.2938 m²	0.95	1.5804	1.0787	0	-	-	1.0000	1.2531	35.96 m/s	0.7759 kPa	0.7965
12.59 m	597.4 mm	0.2987 m²	0.95	1.5862	1.0734	0	-	-	1.0000	1.2545	35.82 m/s	0.7698 kPa	0.7963
12.09 m	607.1 mm	0.3035 m²	0.95	1.5919	1.0682	0	-	-	1.0000	1.2559	35.69 m/s	0.7643 kPa	0.7961
11.59 m	616.8 mm	0.3084 m²	0.95	1.5975	1.0629	0	-	-	1.0000	1.2572	35.54 m/s	0.7579 kPa	0.7958
11.09 m	626.5 mm	0.3132 m²	0.95	1.6030	1.0577	0	-	-	1.0000	1.2586	35.41 m/s	0.7523 kPa	0.7956
10.59 m	636.2 mm	0.3181 m²	0.95	1.6085	1.0524	0	-	-	1.0000	1.2600	35.27 m/s	0.7464 kPa	0.7953
10.09 m	629.9 mm	0.3149 m²	0.95	1.6139	1.0472	0	-	-	1.0000	1.2615	35.14 m/s	0.7409 kPa	0.7951
9.59 m	639.6 mm	0.3198 m²	0.95	1.6192	1.0389	0	-	-	1.0000	1.2629	34.90 m/s	0.7308 kPa	0.7946
9.09 m	649.3 mm	0.3246 m²	0.95	1.6245	1.0300	0	-	-	1.0000	1.2644	34.64 m/s	0.7200 kPa	0.7942
8.59 m	659.0 mm	0.3295 m²	0.95	1.6297	1.0211	0	-	-	1.0000	1.2658	34.38 m/s	0.7092 kPa	0.7937
8.09 m	668.7 mm	0.3343 m²	0.95	1.6349	1.0122	0	-	-	1.0000	1.2673	34.12 m/s	0.6985 kPa	0.7932
7.59 m	678.4 mm	0.3392 m²	0.95	1.6400	1.0033	0	-	-	1.0000	1.2688	33.86 m/s	0.6879 kPa	0.7927
7.09 m	688.1 mm	0.3440 m²	0.95	1.6450	0.9943	0	-	-	1.0000	1.2704	33.60 m/s	0.6774 kPa	0.7922
6.59 m	697.8 mm	0.3489 m²	0.95	1.6500	0.9854	5	7.00 m	32.63 m	0.8017	1.2719	26.73 m/s	0.4287 kPa	0.7773
6.09 m	707.5 mm	0.3537 m²	0.95	1.6549	0.9764	5	7.00 m	32.63 m	0.7880	1.2735	26.06 m/s	0.4075 kPa	0.7756
5.59 m	717.2 mm	0.3586 m²	0.95	1.6598	0.9674	5	7.00 m	32.63 m	0.7726	1.2750	25.35 m/s	0.3856 kPa	0.7737
5.03 m	708.1 mm	0.4426 m²	0.95	1.6652	0.9573	5	7.00 m	32.63 m	0.7552	1.2768	24.55 m/s	0.3616 kPa	0.7716
4.40 m	720.4 mm	0.4502 m²	0.95	1.6711	0.9501	5	7.00 m	32.63 m	0.7359	1.2789	23.79 m/s	0.3396 kPa	0.7695
3.79 m	732.4 mm	0.4394 m²	0.95	1.6768	0.9435	5	7.00 m	32.63 m	0.7170	1.2809	23.05 m/s	0.3188 kPa	0.7673
3.48 m	738.5 mm	0.0185 m²	0.95	1.6797	0.9402	9	5.44 m	24.81 m	0.7220	1.2819	23.15 m/s	0.3216 kPa	0.7676
3.15 m	744.9 mm	0.4655 m²	0.95	1.6827	0.9368	9	5.44 m	24.81 m	0.7105	1.2830	22.72 m/s	0.3097 kPa	0.7664
2.53 m	757.1 mm	0.4732 m²	0.95	1.6884	0.9349	9	5.44 m	24.81 m	0.7000	1.2851	22.37 m/s	0.3003 kPa	0.7653
1.90 m	769.4 mm	0.4809 m²	0.95	1.6940	0.9345	9	5.44 m	24.81 m	0.7000	1.2873	22.40 m/s	0.3011 kPa	0.7654
1.41 m	778.9 mm	0.2726 m²	0.95	1.6983	0.9341	9	5.44 m	24.81 m	0.7000	1.2890	22.42 m/s	0.3016 kPa	0.7655
1.10 m	785.1 mm	0.2159 m²	0.95	1.7010	0.9339	9	5.44 m	24.81 m	0.7000	1.2901	22.43 m/s	0.3019 kPa	0.7655
0.65 m	793.9 mm	0.4962 m²	0.95	1.7049	0.9336	9	5.44 m	24.81 m	0.7000	1.2917	22.45 m/s	0.3024 kPa	0.7655

SOUTH WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.90	1.5000	1.1716	0	-	-	1.0000	1.1671	34.46 m/s	0.7125 kPa	0.6144
29.92 m	297.9 mm	0.1820 m²	0.90	1.5000	1.1697	0	-	-	1.0000	1.1679	34.43 m/s	0.7113 kPa	0.7938
29.55 m	305.0 mm	0.0390 m²	0.90	1.5000	1.1684	0	-	-	1.0000	1.1684	34.40 m/s	0.7100 kPa	0.7937
29.25 m	311.0 mm	0.1503 m²	0.90	1.5000	1.1674	0	-	-	1.0000	1.1688	34.38 m/s	0.7092 kPa	0.7937
28.70 m	321.6 mm	0.1965 m²	0.90	1.5000	1.1654	0	-	-	1.0000	1.1695	34.35 m/s	0.7080 kPa	0.7936
28.09 m	333.5 mm	0.2038 m²	0.90	1.5000	1.1633	0	-	-	1.0000	1.1703	34.31 m/s	0.7063 kPa	0.7936
27.48 m	345.4 mm	0.2111 m²	0.90	1.5000	1.1612	0	-	-	1.0000	1.1712	34.27 m/s	0.7047 kPa	0.7935
26.87 m	357.3 mm	0.2183 m²	0.90	1.5000	1.1590	0	-	-	1.0000	1.1720	34.23 m/s	0.7030 kPa	0.7934
26.26 m	369.2 mm	0.2256 m²	0.90	1.5000	1.1569	0	-	-	1.0000	1.1728	34.19 m/s	0.7014 kPa	0.7933
25.64 m	381.1 mm	0.2329 m²	0.90	1.5000	1.1548	0	-	-	1.0000	1.1737	34.16 m/s	0.7001 kPa	0.7933
25.09 m	381.9 mm	0.1909 m²	0.90	1.5000	1.1528	0	-	-	1.0000	1.1744	34.12 m/s	0.6985 kPa	0.7932
24.59 m	391.6 mm	0.1958 m²	0.90	1.5000	1.1511	0	-	-	1.0000	1.1751	34.09 m/s	0.6973 kPa	0.7931
24.09 m	401.3 mm	0.2006 m²	0.90	1.5038	1.1489	0	-	-	1.0000	1.1759	34.04 m/s	0.6952 kPa	0.7930
23.59 m	411.0 mm	0.2055 m²	0.90	1.5110	1.1464	0	-	-	1.0000	1.1766	33.99 m/s	0.6932 kPa	0.7930
23.09 m	420.7 mm	0.2103 m²	0.90	1.5181	1.1439	0	-	-	1.0000	1.1773	33.94 m/s	0.6912 kPa	0.7929
22.59 m	430.4 mm	0.2152 m²	0.90	1.5251	1.1414	0	-	-	1.0000	1.1780	33.88 m/s	0.6887 kPa	0.7927
22.09 m	440.1 mm	0.2200 m²	0.90	1.5321	1.1388	0	-	-	1.0000	1.1788	33.83 m/s	0.6867 kPa	0.7926
21.59 m	449.8 mm	0.2249 m²	0.90	1.5389	1.1363	0	-	-	1.0000	1.1795	33.77 m/s	0.6842 kPa	0.7925
21.09 m	459.5 mm	0.2297 m²	0.90	1.5456	1.1338	0	-	-	1.0000	1.1802	33.72 m/s	0.6822 kPa	0.7924
20.59 m	469.2 mm	0.2346 m²	0.90	1.5523	1.1313	0	-	-	1.0000	1.1810	33.67 m/s	0.6802 kPa	0.7923
20.09 m	466.9 mm	0.2335 m²	0.90	1.5588	1.1288	0	-	-	1.0000	1.1818	33.62 m/s	0.6782 kPa	0.7922
19.59 m	476.7 mm	0.2384 m²	0.90	1.5652	1.1254	0	-	-	1.0000	1.1825	33.54 m/s	0.6750 kPa	0.7921
19.09 m	486.5 mm	0.2433 m²	0.90	1.5716	1.1217	0	-	-	1.0000	1.1833	33.45 m/s	0.6713 kPa	0.7919
18.59 m	496.3 mm	0.2482 m²	0.90	1.5779	1.1180	0	-	-	1.0000	1.1841	33.36 m/s	0.6677 kPa	0.7917
18.09 m	506.1 mm	0.2531 m²	0.90	1.5841	1.1143	0	-	-	1.0000	1.1849	33.27 m/s	0.6641 kPa	0.7916
17.59 m	515.9 mm	0.2580 m²	0.90	1.5902	1.1106	0	-	-	1.0000	1.1857	33.18 m/s	0.6605 kPa	0.7914
17.09 m	525.7 mm	0.2629 m²	0.90	1.5962	1.1070	0	-	-	1.0000	1.1865	33.10 m/s	0.6574 kPa	0.7912
16.59 m	535.5 mm	0.2678 m²	0.90	1.6022	1.1033	0	-	-	1.0000	1.1873	33.01 m/s	0.6538 kPa	0.7911
16.09 m	545.3 mm	0.2727 m²	0.90	1.6080	1.0997	0	-	-	1.0000	1.1881	32.93 m/s	0.6506 kPa	0.7909
15.59 m	555.1 mm	0.2776 m²	0.90	1.6138	1.0960	0	-	-	1.0000	1.1889	32.84 m/s	0.6471 kPa	0.7907
15.09 m	548.9 mm	0.2744 m²	0.90	1.6196	1.0924	0	-	-	1.0000	1.1897	32.75 m/s	0.6435 kPa	0.7906
14.59 m	558.6 mm	0.2793 m²	0.90	1.6252	1.0874	0	-	-	1.0000	1.1906	32.63 m/s	0.6388 kPa	0.7903
14.09 m	568.3 mm	0.2841 m²	0.90	1.6308	1.0822	0	-	-	1.0000	1.1914	32.49 m/s	0.6334 kPa	0.7900
13.59 m	578.0 mm	0.2890 m²	0.90	1.6363	1.0769	0	-	-	1.0000	1.1922	32.35 m/s	0.6279 kPa	0.7898
13.09 m	587.7 mm	0.2938 m²	0.90	1.6417	1.0717	0	-	-	1.0000	1.1931	32.22 m/s	0.6229 kPa	0.7895

12.59 m	597.4 mm	0.2987 m²	0.90	1.6471	1.0664	0	-	-	1.0000	1.1940	32.09 m/s	0.6179 kPa	0.7892
12.09 m	607.1 mm	0.3035 m²	0.90	1.6524	1.0612	0	-	-	1.0000	1.1948	31.95 m/s	0.6125 kPa	0.7890
11.59 m	616.8 mm	0.3084 m²	0.90	1.6576	1.0559	0	-	-	1.0000	1.1957	31.82 m/s	0.6075 kPa	0.7887
11.09 m	626.5 mm	0.3132 m²	0.90	1.6628	1.0506	0	-	-	1.0000	1.1966	31.68 m/s	0.6022 kPa	0.7884
10.59 m	636.2 mm	0.3181 m²	0.90	1.6679	1.0454	0	-	-	1.0000	1.1975	31.55 m/s	0.5972 kPa	0.7881
10.09 m	629.9 mm	0.3149 m²	0.90	1.6730	1.0401	0	-	-	1.0000	1.1984	31.41 m/s	0.5920 kPa	0.7879
9.59 m	639.6 mm	0.3198 m²	0.90	1.6780	1.0318	0	-	-	1.0000	1.1993	31.18 m/s	0.5833 kPa	0.7874
9.09 m	649.3 mm	0.3246 m²	0.90	1.6829	1.0228	0	-	-	1.0000	1.2002	30.93 m/s	0.5740 kPa	0.7869
8.59 m	659.0 mm	0.3295 m²	0.90	1.6878	1.0138	0	-	-	1.0000	1.2012	30.69 m/s	0.5651 kPa	0.7864
8.09 m	668.7 mm	0.3343 m²	0.90	1.6926	1.0048	0	-	-	1.0000	1.2021	30.44 m/s	0.5560 kPa	0.7858
7.59 m	678.4 mm	0.3392 m²	0.90	1.6973	0.9959	0	-	-	1.0000	1.2031	30.19 m/s	0.5469 kPa	0.7853
7.09 m	688.1 mm	0.3440 m²	0.90	1.7020	0.9868	0	-	-	1.0000	1.2040	29.94 m/s	0.5378 kPa	0.7847
6.59 m	697.8 mm	0.3489 m²	0.90	1.7067	0.9778	7	7.00 m	40.47 m	0.7678	1.2050	22.80 m/s	0.3119 kPa	0.7666
6.09 m	707.5 mm	0.3537 m²	0.90	1.7112	0.9688	7	7.00 m	40.47 m	0.7551	1.2059	22.23 m/s	0.2965 kPa	0.7649
5.59 m	717.2 mm	0.3586 m²	0.90	1.7158	0.9597	7	7.00 m	40.47 m	0.7423	1.2069	21.67 m/s	0.2818 kPa	0.7631
5.03 m	708.1 mm	0.4426 m²	0.90	1.7208	0.9495	7	7.00 m	40.47 m	0.7280	1.2081	21.04 m/s	0.2656 kPa	0.7611
4.40 m	720.4 mm	0.4502 m²	0.90	1.7264	0.9434	7	7.00 m	40.47 m	0.7121	1.2093	20.47 m/s	0.2514 kPa	0.7592
3.79 m	732.4 mm	0.4394 m²	0.90	1.7317	0.9378	7	7.00 m	40.47 m	0.7000	1.2106	20.03 m/s	0.2407 kPa	0.7577
3.48 m	738.5 mm	0.0185 m²	0.90	1.7344	0.9351	20	4.73 m	25.20 m	0.7168	1.2112	20.46 m/s	0.2512 kPa	0.7592
3.15 m	744.9 mm	0.4655 m²	0.90	1.7372	0.9322	20	4.73 m	25.20 m	0.7058	1.2119	20.09 m/s	0.2422 kPa	0.7579
2.53 m	757.1 mm	0.4732 m²	0.90	1.7425	0.9306	20	4.73 m	25.20 m	0.7000	1.2132	19.92 m/s	0.2381 kPa	0.7573
1.90 m	769.4 mm	0.4809 m²	0.90	1.7477	0.9302	20	4.73 m	25.20 m	0.7000	1.2145	19.93 m/s	0.2383 kPa	0.7574
1.41 m	778.9 mm	0.2726 m²	0.90	1.7517	0.9299	20	4.73 m	25.20 m	0.7000	1.2155	19.94 m/s	0.2386 kPa	0.7574
1.10 m	785.1 mm	0.2159 m²	0.90	1.7543	0.9297	20	4.73 m	25.20 m	0.7000	1.2162	19.95 m/s	0.2388 kPa	0.7574
0.65 m	793.9 mm	0.4962 m²	0.90	1.7579	0.9294	20	4.73 m	25.20 m	0.7000	1.2172	19.96 m/s	0.2390 kPa	0.7575

SOUTH WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	2.8142	1.0244	0	-	-	1.0000	1.1369	30.98 m/s	0.5759 kPa	0.7140
29.92 m	297.9 mm	0.1820 m²	0.95	2.8112	1.0222	0	-	-	1.0000	1.1376	30.93 m/s	0.5740 kPa	0.6786
29.55 m	305.0 mm	0.0390 m²	0.95	2.8093	1.0204	0	-	-	1.0000	1.1381	30.89 m/s	0.5725 kPa	0.6579
29.25 m	311.0 mm	0.1503 m²	0.95	2.8078	1.0188	0	-	-	1.0000	1.1385	30.85 m/s	0.5710 kPa	0.6406
28.70 m	321.6 mm	0.1965 m²	0.95	2.8052	1.0161	0	-	-	1.0000	1.1392	30.79 m/s	0.5688 kPa	0.6098
28.09 m	333.5 mm	0.2038 m²	0.95	2.8023	1.0130	0	-	-	1.0000	1.1400	30.72 m/s	0.5662 kPa	0.7864
27.48 m	345.4 mm	0.2111 m²	0.95	2.7995	1.0099	0	-	-	1.0000	1.1407	30.64 m/s	0.5633 kPa	0.7862
26.87 m	357.3 mm	0.2183 m²	0.95	2.7967	1.0069	0	-	-	1.0000	1.1415	30.57 m/s	0.5607 kPa	0.7861
26.26 m	369.2 mm	0.2256 m²	0.95	2.7939	1.0038	0	-	-	1.0000	1.1423	30.50 m/s	0.5582 kPa	0.7859
25.64 m	381.1 mm	0.2329 m²	0.95	2.7913	1.0007	0	-	-	1.0000	1.1432	30.43 m/s	0.5556 kPa	0.7858
25.09 m	381.9 mm	0.1909 m²	0.95	2.7889	0.9979	0	-	-	1.0000	1.1439	30.36 m/s	0.5530 kPa	0.7856
24.59 m	391.6 mm	0.1958 m²	0.95	2.7867	0.9954	0	-	-	1.0000	1.1446	30.31 m/s	0.5512 kPa	0.7855
24.09 m	401.3 mm	0.2006 m²	0.95	2.7846	0.9929	0	-	-	1.0000	1.1453	30.25 m/s	0.5490 kPa	0.7854
23.59 m	411.0 mm	0.2055 m²	0.95	2.7826	0.9904	0	-	-	1.0000	1.1460	30.19 m/s	0.5469 kPa	0.7853
23.09 m	420.7 mm	0.2103 m²	0.95	2.7805	0.9879	0	-	-	1.0000	1.1467	30.13 m/s	0.5447 kPa	0.7852
22.59 m	430.4 mm	0.2152 m²	0.95	2.7785	0.9854	0	-	-	1.0000	1.1474	30.08 m/s	0.5429 kPa	0.7850
22.09 m	440.1 mm	0.2200 m²	0.95	2.7766	0.9829	0	-	-	1.0000	1.1481	30.02 m/s	0.5407 kPa	0.7849
21.59 m	449.8 mm	0.2249 m²	0.95	2.7746	0.9804	0	-	-	1.0000	1.1488	29.96 m/s	0.5386 kPa	0.7848
21.09 m	459.5 mm	0.2297 m²	0.95	2.7727	0.9779	0	-	-	1.0000	1.1495	29.90 m/s	0.5364 kPa	0.7847
20.59 m	469.2 mm	0.2346 m²	0.95	2.7708	0.9754	0	-	-	1.0000	1.1503	29.85 m/s	0.5346 kPa	0.7845
20.09 m	466.9 mm	0.2335 m²	0.95	2.7689	0.9728	0	-	-	1.0000	1.1510	29.78 m/s	0.5321 kPa	0.7844
19.59 m	476.7 mm	0.2384 m²	0.95	2.7671	0.9689	0	-	-	1.0000	1.1518	29.69 m/s	0.5289 kPa	0.7842
19.09 m	486.5 mm	0.2433 m²	0.95	2.7653	0.9646	0	-	-	1.0000	1.1525	29.57 m/s	0.5246 kPa	0.7839
18.59 m	496.3 mm	0.2482 m²	0.95	2.7635	0.9603	0	-	-	1.0000	1.1533	29.46 m/s	0.5207 kPa	0.7837
18.09 m	506.1 mm	0.2531 m²	0.95	2.7617	0.9561	0	-	-	1.0000	1.1541	29.35 m/s	0.5169 kPa	0.7834
17.59 m	515.9 mm	0.2580 m²	0.95	2.7599	0.9518	0	-	-	1.0000	1.1549	29.24 m/s	0.5130 kPa	0.7832
17.09 m	525.7 mm	0.2629 m²	0.95	2.7582	0.9476	0	-	-	1.0000	1.1556	29.13 m/s	0.5091 kPa	0.7829
16.59 m	535.5 mm	0.2678 m²	0.95	2.7565	0.9433	0	-	-	1.0000	1.1564	29.02 m/s	0.5053 kPa	0.7827
16.09 m	545.3 mm	0.2727 m²	0.95	2.7548	0.9391	0	-	-	1.0000	1.1572	28.91 m/s	0.5015 kPa	0.7824
15.59 m	555.1 mm	0.2776 m²	0.95	2.7532	0.9348	0	-	-	1.0000	1.1581	28.80 m/s	0.4977 kPa	0.7822
15.09 m	548.9 mm	0.2744 m²	0.95	2.7516	0.9305	0	-	-	1.0000	1.1589	28.68 m/s	0.4935 kPa	0.7819
14.59 m	558.6 mm	0.2793 m²	0.95	2.7499	0.9253	0	-	-	1.0000	1.1597	28.54 m/s	0.4887 kPa	0.7816
14.09 m	568.3 mm	0.2841 m²	0.95	2.7483	0.9198	0	-	-	1.0000	1.1605	28.39 m/s	0.4836 kPa	0.7813
13.59 m	578.0 mm	0.2890 m²	0.95	2.7468	0.9143	0	-	-	1.0000	1.1614	28.25 m/s	0.4788 kPa	0.7809
13.09 m	587.7 mm	0.2938 m²	0.95	2.7452	0.9088	0	-	-	1.0000	1.1622	28.10 m/s	0.4738 kPa	0.7806
12.59 m	597.4 mm	0.2987 m²	0.95	2.7437	0.9033	0	-	-	1.0000	1.1631	27.95 m/s	0.4687 kPa	0.7802
12.09 m	607.1 mm	0.3035 m²	0.95	2.7422	0.8978	0	-	-	1.0000	1.1640	27.80 m/s	0.4637 kPa	0.7799
11.59 m	616.8 mm	0.3084 m²	0.95	2.7407	0.8923	0	-	-	1.0000	1.1649	27.65 m/s	0.4587 kPa	0.7795
11.09 m	626.5 mm	0.3132 m²	0.95	2.7392	0.8868	0	-	-	1.0000	1.1658	27.50 m/s	0.4538 kPa	0.7792
10.59 m	636.2 mm	0.3181 m²	0.95	2.7377	0.8814	0	-	-	1.0000	1.1667	27.35 m/s	0.4488 kPa	0.7788
10.09 m	629.9 mm	0.3149 m²	0.95	2.7363	0.8759	0	-	-	1.0000	1.1676	27.20 m/s	0.4439 kPa	0.7784
9.59 m	639.6 mm	0.3198 m²	0.95	2.7349	0.8731	0	-	-	1.0000	1.1685	27.14 m/s	0.4419 kPa	0.7783
9.09 m	649.3 mm	0.3246 m²	0.95	2.7335	0.8709	0	-	-	1.0000	1.1694	27.09 m/s	0.4403 kPa	0.7782
8.59 m	659.0 mm	0.3295 m²	0.95	2.7321	0.8687	0	-	-	1.0000	1.1704	27.04 m/s	0.4387 kPa	0.7780
8.09 m	668.7 mm	0.3343 m²	0.95	2.7307	0.8665	0	-	-	1.0000	1.1713	27.00 m/s	0.4374 kPa	0.7779
7.59 m	678.4 mm	0.3392 m²	0.95	2.7293	0.8643	0	-	-	1.0000	1.1723	26.95 m/s	0.4358 kPa	0.7778
7.09 m	688.1 mm	0.3440 m²	0.95	2.7280	0.8620	0	-	-	1.0000	1.1733	26.90 m/s	0.4342 kPa	0.7777
6.59 m	697.8 mm	0.3489 m²	0.95	2.7267	0.8597	7	7.00 m	31.20 m	0.7911	1.1743	21.24 m/s	0.2707 kPa	0.7618
6.09 m	707.5 mm	0.3537 m²	0.95	2.7254	0.8574	7	7.00 m	31.20 m	0.7766	1.1753	20.82 m/s	0.2601 kPa	0.7604
5.59 m	717.2 mm	0.3586 m²	0.95	2.7241	0.8550	7	7.00 m	31.20 m	0.7621	1.1763	20.39 m/s	0.2495 kPa	0.7590
5.03 m	708.1 mm	0.4426 m²	0.95	2.7226	0.8523	7	7.00 m	31.20 m	0.7458	1.1774	19.91 m/s	0.2378 kPa	0.7573
4.40 m	720.4 mm	0.4502 m²	0.95	2.7210	0.8523	7	7.00 m	31.20 m	0.7276	1.1787	19.44 m/s	0.2267 kPa	0.7557
3.79 m	732.4 mm	0.4394 m²	0.95	2.7195	0.8524	7	7.00 m	31.20 m	0.7099	1.1800	18.99 m/s	0.2164 kPa	0.7540
3.48 m	738.5 mm	0.0185 m²	0.95	2.7187	0.8525	14	5.25 m	21.80 m	0.7238	1.1807	19.38 m/s	0.2254 kPa	0.7554
3.15 m	744.9 mm	0.4655 m²	0.95	2.7179	0.8526	14	5.25 m	21.80 m	0.7122	1.1814	19.08 m/s	0.2184 kPa	0.7544
2.53 m	757.1 mm	0.4732 m²	0.95	2.7164	0.8527	14	5.25 m	21.80 m	0.7000	1.1827	18.78 m/s	0.2116 kPa	0.7533
1.90 m	769.4 mm	0.4809 m²	0.95	2.7149	0.8528	14	5.25 m	21.80 m	0.7000	1.1841	18.80 m/s	0.2121 kPa	0.7533
1.41 m	778.9 mm	0.2726 m²	0.95	2.7138	0.8529	14	5.25 m	21.80 m	0.7000	1.1852	18.82 m/s	0.2125 kPa	0.7534
1.10 m	785.1 mm	0.2159 m²	0.95	2.7131	0.8530	14	5.25 m	21.80 m	0.7000	1.1859	18.84 m/s	0.2130 kPa	0.7535
0.65 m	793.9 mm	0.4962 m²	0.95	2.7120	0.8530	14	5.25 m	21.80 m	0.7000	1.1869	18.85 m/s	0.2132 kPa	0.7535

WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	1.00	3.0000	1.0021	0	-	-	1.0000	1.0638	29.85 m/s	0.5346 kPa	0.7463
29.92 m	297.9 mm	0.1820 m²	1.00	3.0000	0.9995	0	-	-	1.0000	1.0643	29.79 m/s	0.5325 kPa	0.7126
29.55 m	305.0 mm	0.0390 m²	1.00	3.0000	0.9973	0	-	-	1.0000	1.0645	29.73 m/s	0.5303 kPa	0.6932
29.25 m	311.0 mm	0.1503 m²	1.00	3.0000	0.9955	0	-	-	1.0000	1.0648	29.68 m/s	0.5285 kPa	0.6770
28.70 m	321.6 mm	0.1965 m²	1.00	3.0000	0.9922	0	-	-	1.0000	1.0652	29.59 m/s	0.5253 kPa	0.6484
28.09 m	333.5 mm	0.2038 m²	1.00	3.0000	0.9885	0	-	-	1.0000	1.0657	29.50 m/s	0.5222 kPa	0.6162
27.48 m	345.4 mm	0.2111 m²	1.00	3.0000	0.9849	0	-	-	1.0000	1.0662	29.40 m/s	0.5186 kPa	0.7835
26.87 m	357.3 mm	0.2183 m²	1.00	3.0000	0.9812	0	-	-	1.0000	1.0667	29.31 m/s	0.5154 kPa	0.7833

26.26 m	369.2 mm	0.2256 m²	1.00	3.0000	0.9775	0	-	-	1.0000	1.0672	29.21 m/s	0.5119 kPa	0.7831
25.64 m	381.1 mm	0.2329 m²	1.00	3.0000	0.9739	0	-	-	1.0000	1.0677	29.12 m/s	0.5088 kPa	0.7829
25.09 m	381.9 mm	0.1909 m²	1.00	3.0000	0.9705	0	-	-	1.0000	1.0682	29.03 m/s	0.5056 kPa	0.7827
24.59 m	391.6 mm	0.1958 m²	1.00	3.0000	0.9675	0	-	-	1.0000	1.0686	28.95 m/s	0.5029 kPa	0.7825
24.09 m	401.3 mm	0.2006 m²	1.00	3.0000	0.9645	0	-	-	1.0000	1.0691	28.87 m/s	0.5001 kPa	0.7824
23.59 m	411.0 mm	0.2055 m²	1.00	3.0000	0.9615	0	-	-	1.0000	1.0695	28.79 m/s	0.4973 kPa	0.7822
23.09 m	420.7 mm	0.2103 m²	1.00	3.0000	0.9585	0	-	-	1.0000	1.0699	28.71 m/s	0.4946 kPa	0.7820
22.59 m	430.4 mm	0.2152 m²	1.00	3.0000	0.9555	0	-	-	1.0000	1.0704	28.64 m/s	0.4921 kPa	0.7818
22.09 m	440.1 mm	0.2200 m²	1.00	3.0000	0.9525	0	-	-	1.0000	1.0709	28.56 m/s	0.4894 kPa	0.7816
21.59 m	449.8 mm	0.2249 m²	1.00	3.0000	0.9495	0	-	-	1.0000	1.0713	28.48 m/s	0.4867 kPa	0.7815
21.09 m	459.5 mm	0.2297 m²	1.00	3.0000	0.9465	0	-	-	1.0000	1.0718	28.40 m/s	0.4839 kPa	0.7813
20.59 m	469.2 mm	0.2346 m²	1.00	3.0000	0.9435	0	-	-	1.0000	1.0723	28.33 m/s	0.4816 kPa	0.7811
20.09 m	466.9 mm	0.2335 m²	1.00	3.0000	0.9405	0	-	-	1.0000	1.0728	28.25 m/s	0.4788 kPa	0.7809
19.59 m	476.7 mm	0.2384 m²	1.00	3.0000	0.9359	0	-	-	1.0000	1.0733	28.13 m/s	0.4748 kPa	0.7806
19.09 m	486.5 mm	0.2433 m²	1.00	3.0000	0.9309	0	-	-	1.0000	1.0738	27.99 m/s	0.4701 kPa	0.7803
18.59 m	496.3 mm	0.2482 m²	1.00	3.0000	0.9259	0	-	-	1.0000	1.0743	27.85 m/s	0.4654 kPa	0.7800
18.09 m	506.1 mm	0.2531 m²	1.00	3.0000	0.9209	0	-	-	1.0000	1.0748	27.71 m/s	0.4607 kPa	0.7797
17.59 m	515.9 mm	0.2580 m²	1.00	3.0000	0.9159	0	-	-	1.0000	1.0753	27.58 m/s	0.4564 kPa	0.7793
17.09 m	525.7 mm	0.2629 m²	1.00	3.0000	0.9109	0	-	-	1.0000	1.0758	27.44 m/s	0.4518 kPa	0.7790
16.59 m	535.5 mm	0.2678 m²	1.00	3.0000	0.9059	0	-	-	1.0000	1.0764	27.30 m/s	0.4472 kPa	0.7787
16.09 m	545.3 mm	0.2727 m²	1.00	3.0000	0.9009	0	-	-	1.0000	1.0769	27.17 m/s	0.4429 kPa	0.7784
15.59 m	555.1 mm	0.2776 m²	1.00	3.0000	0.8959	0	-	-	1.0000	1.0775	27.03 m/s	0.4384 kPa	0.7780
15.09 m	548.9 mm	0.2744 m²	1.00	3.0000	0.8909	0	-	-	1.0000	1.0780	26.89 m/s	0.4338 kPa	0.7777
14.59 m	558.6 mm	0.2793 m²	1.00	3.0000	0.8851	0	-	-	1.0000	1.0786	26.73 m/s	0.4287 kPa	0.7773
14.09 m	568.3 mm	0.2841 m²	1.00	3.0000	0.8791	0	-	-	1.0000	1.0792	26.56 m/s	0.4233 kPa	0.7768
13.59 m	578.0 mm	0.2890 m²	1.00	3.0000	0.8731	0	-	-	1.0000	1.0798	26.40 m/s	0.4182 kPa	0.7764
13.09 m	587.7 mm	0.2938 m²	1.00	3.0000	0.8671	0	-	-	1.0000	1.0804	26.23 m/s	0.4128 kPa	0.7760
12.59 m	597.4 mm	0.2987 m²	1.00	3.0000	0.8611	0	-	-	1.0000	1.0810	26.06 m/s	0.4075 kPa	0.7756
12.09 m	607.1 mm	0.3035 m²	1.00	3.0000	0.8551	0	-	-	1.0000	1.0816	25.90 m/s	0.4025 kPa	0.7752
11.59 m	616.8 mm	0.3084 m²	1.00	3.0000	0.8491	0	-	-	1.0000	1.0822	25.73 m/s	0.3972 kPa	0.7747
11.09 m	626.5 mm	0.3132 m²	1.00	3.0000	0.8431	0	-	-	1.0000	1.0828	25.56 m/s	0.3920 kPa	0.7743
10.59 m	636.2 mm	0.3181 m²	1.00	3.0000	0.8371	0	-	-	1.0000	1.0835	25.40 m/s	0.3871 kPa	0.7739
10.09 m	629.9 mm	0.3149 m²	1.00	3.0000	0.8311	0	-	-	1.0000	1.0841	25.23 m/s	0.3819 kPa	0.7734
9.59 m	639.6 mm	0.3198 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9494	1.0848	23.94 m/s	0.3439 kPa	0.7699
9.09 m	649.3 mm	0.3246 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9416	1.0855	23.75 m/s	0.3384 kPa	0.7694
8.59 m	659.0 mm	0.3295 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9338	1.0861	23.57 m/s	0.3333 kPa	0.7688
8.09 m	668.7 mm	0.3343 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9260	1.0868	23.39 m/s	0.3283 kPa	0.7683
7.59 m	678.4 mm	0.3392 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9182	1.0875	23.21 m/s	0.3232 kPa	0.7678
7.09 m	688.1 mm	0.3440 m²	1.00	3.0000	0.8300	1	10.00 m	25.76 m	0.9104	1.0882	23.02 m/s	0.3180 kPa	0.7672
6.59 m	697.8 mm	0.3489 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.8081	1.0890	20.45 m/s	0.2509 kPa	0.7592
6.09 m	707.5 mm	0.3537 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7998	1.0897	20.25 m/s	0.2460 kPa	0.7585
5.59 m	717.2 mm	0.3586 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7834	1.0905	19.85 m/s	0.2364 kPa	0.7571
5.03 m	708.1 mm	0.4426 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7649	1.0913	19.40 m/s	0.2258 kPa	0.7555
4.40 m	720.4 mm	0.4502 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7444	1.0923	18.90 m/s	0.2143 kPa	0.7537
3.79 m	732.4 mm	0.4394 m²	1.00	3.0000	0.8300	9	7.33 m	21.03 m	0.7243	1.0933	18.40 m/s	0.2031 kPa	0.7518
3.48 m	738.5 mm	0.0185 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7267	1.0938	18.47 m/s	0.2047 kPa	0.7521
3.15 m	744.9 mm	0.4655 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7148	1.0943	18.18 m/s	0.1983 kPa	0.7510
2.53 m	757.1 mm	0.4732 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0954	17.82 m/s	0.1905 kPa	0.7496
1.90 m	769.4 mm	0.4809 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0964	17.84 m/s	0.1910 kPa	0.7497
1.41 m	778.9 mm	0.2726 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0973	17.85 m/s	0.1912 kPa	0.7497
1.10 m	785.1 mm	0.2159 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0978	17.86 m/s	0.1914 kPa	0.7497
0.65 m	793.9 mm	0.4962 m²	1.00	3.0000	0.8300	20	5.23 m	19.37 m	0.7000	1.0986	17.87 m/s	0.1916 kPa	0.7498

NORTH WEST WIND

RL	OD	Ap	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	qsit,β	Cd
30.53 m	286.0 mm	0.1747 m²	0.95	3.0000	1.0021	0	-	-	1.0000	1.1739	31.29 m/s	0.5874 kPa	0.7051
29.92 m	297.9 mm	0.1820 m²	0.95	3.0000	0.9995	0	-	-	1.0000	1.1748	31.23 m/s	0.5852 kPa	0.6697
29.55 m	305.0 mm	0.0390 m²	0.95	3.0000	0.9973	0	-	-	1.0000	1.1754	31.18 m/s	0.5833 kPa	0.6490
29.25 m	311.0 mm	0.1503 m²	0.95	3.0000	0.9955	0	-	-	1.0000	1.1758	31.14 m/s	0.5818 kPa	0.6315
28.70 m	321.6 mm	0.1965 m²	0.95	3.0000	0.9922	0	-	-	1.0000	1.1766	31.05 m/s	0.5785 kPa	0.6014
28.09 m	333.5 mm	0.2038 m²	0.95	3.0000	0.9885	0	-	-	1.0000	1.1775	30.96 m/s	0.5751 kPa	0.7869
27.48 m	345.4 mm	0.2111 m²	0.95	3.0000	0.9849	0	-	-	1.0000	1.1785	30.87 m/s	0.5718 kPa	0.7867
26.87 m	357.3 mm	0.2183 m²	0.95	3.0000	0.9812	0	-	-	1.0000	1.1794	30.78 m/s	0.5684 kPa	0.7865
26.26 m	369.2 mm	0.2256 m²	0.95	3.0000	0.9775	0	-	-	1.0000	1.1803	30.69 m/s	0.5651 kPa	0.7864
25.64 m	381.1 mm	0.2329 m²	0.95	3.0000	0.9739	0	-	-	1.0000	1.1813	30.60 m/s	0.5618 kPa	0.7862
25.09 m	381.9 mm	0.1909 m²	0.95	3.0000	0.9705	0	-	-	1.0000	1.1822	30.52 m/s	0.5589 kPa	0.7860
24.59 m	391.6 mm	0.1958 m²	0.95	3.0000	0.9675	0	-	-	1.0000	1.1830	30.45 m/s	0.5563 kPa	0.7858
24.09 m	401.3 mm	0.2006 m²	0.95	3.0000	0.9645	0	-	-	1.0000	1.1838	30.37 m/s	0.5534 kPa	0.7857
23.59 m	411.0 mm	0.2055 m²	0.95	3.0000	0.9615	0	-	-	1.0000	1.1846	30.30 m/s	0.5509 kPa	0.7855
23.09 m	420.7 mm	0.2103 m²	0.95	3.0000	0.9585	0	-	-	1.0000	1.1854	30.22 m/s	0.5479 kPa	0.7853
22.59 m	430.4 mm	0.2152 m²	0.95	3.0000	0.9555	0	-	-	1.0000	1.1862	30.15 m/s	0.5454 kPa	0.7852
22.09 m	440.1 mm	0.2200 m²	0.95	3.0000	0.9525	0	-	-	1.0000	1.1870	30.07 m/s	0.5425 kPa	0.7850
21.59 m	449.8 mm	0.2249 m²	0.95	3.0000	0.9495	0	-	-	1.0000	1.1879	30.00 m/s	0.5400 kPa	0.7849
21.09 m	459.5 mm	0.2297 m²	0.95	3.0000	0.9465	0	-	-	1.0000	1.1887	29.93 m/s	0.5375 kPa	0.7847
20.59 m	469.2 mm	0.2346 m²	0.95	3.0000	0.9435	0	-	-	1.0000	1.1896	29.86 m/s	0.5350 kPa	0.7846
20.09 m	466.9 mm	0.2335 m²	0.95	3.0000	0.9405	0	-	-	1.0000	1.1904	29.78 m/s	0.5321 kPa	0.7844
19.59 m	476.7 mm	0.2384 m²	0.95	3.0000	0.9359	0	-	-	1.0000	1.1913	29.66 m/s	0.5278 kPa	0.7841
19.09 m	486.5 mm	0.2433 m²	0.95	3.0000	0.9309	0	-	-	1.0000	1.1922	29.52 m/s	0.5229 kPa	0.7838
18.59 m	496.3 mm	0.2482 m²	0.95	3.0000	0.9259	0	-	-	1.0000	1.1931	29.38 m/s	0.5179 kPa	0.7835
18.09 m	506.1 mm	0.2531 m²	0.95	3.0000	0.9209	0	-	-	1.0000	1.1940	29.25 m/s	0.5133 kPa	0.7832
17.59 m	515.9 mm	0.2580 m²	0.95	3.0000	0.9159	0	-	-	1.0000	1.1949	29.11 m/s	0.5084 kPa	0.7829
17.09 m	525.7 mm	0.2629 m²	0.95	3.0000	0.9109	0	-	-	1.0000	1.1958	28.97 m/s	0.5036 kPa	0.7826
16.59 m	535.5 mm	0.2678 m²	0.95	3.0000	0.9059	0	-	-	1.0000	1.1967	28.84 m/s	0.4990 kPa	0.7823
16.09 m	545.3 mm	0.2727 m²	0.95	3.0000	0.9009	0	-	-	1.0000	1.1976	28.70 m/s	0.4942 kPa	0.7820
15.59 m	555.1 mm	0.2776 m²	0.95	3.0000	0.8959	0	-	-	1.0000	1.1985	28.56 m/s	0.4894 kPa	0.7816
15.09 m	548.9 mm	0.2744 m²	0.95	3.0000	0.8909	0	-	-	1.0000	1.1995	28.43 m/s	0.4850 kPa	0.7813
14.59 m	558.6 mm	0.2793 m²	0.95	3.0000	0.8851	0	-	-	1.0000	1.2004	28.26 m/s	0.4792 kPa	0.7810
14.09 m	568.3 mm	0.2841 m²	0.95	3.0000	0.8791	0	-	-	1.0000	1.2014	28.09 m/s	0.4734 kPa	0.7806
13.59 m	578.0 mm	0.2890 m²	0.95	3.0000	0.8731	0	-	-	1.0000	1.2024	27.93 m/s	0.4681 kPa	0.7802
13.09 m	587.7 mm	0.2938 m²	0.95	3.0000	0.8671	0	-	-	1.0000	1.2034	27.76 m/s	0.4624 kPa	0.7798
12.59 m	597.4 mm	0.2987 m²	0.95	3.0000	0.8611	0	-	-	1.0000	1.2043	27.58 m/s	0.4564 kPa	0.7793
12.09 m	607.1 mm	0.3035 m²	0.95	3.0000	0.8551	0	-	-	1.0000	1.2053	27.42 m/s	0.4511 kPa	0.7790
11.59 m	616.8 mm	0.3084 m²	0.95	3.0000	0.8491	0	-	-	1.0000	1.2064	27.25 m/s	0.4455 kPa	0.7785
11.09 m	626.5 mm	0.3132 m²	0.95	3.0000	0.8431	0	-	-	1.0000	1.2074	27.08 m/s	0.4400 kPa	0.7781
10.59 m	636.2 mm	0.3181 m²	0.95	3.0000	0.8371	0	-	-	1.0000	1.2084	26.91 m/s	0.4345 kPa	0.7777
10.09 m	629.9 mm	0.3149 m²	0.95	3.0000	0.8311	0	-	-	1.0000	1.2094	26.74 m/s	0.4290 kPa	0.7773
9.59 m	639.6 mm	0.3198 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9408	1.2105	25.14 m/s	0.3792 kPa	0.7732
9.09 m	649.3 mm	0.3246 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9335	1.2116	24.97 m/s	0.3741 kPa	0.7727
8.59 m	659.0 mm	0.3295 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9261	1.2126	24.79 m/s	0.3687 kPa	0.7722

8.09 m	668.7 mm	0.3343 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9188	1.2137	24.62 m/s	0.3637 kPa	0.7718
7.59 m	678.4 mm	0.3392 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9115	1.2148	24.45 m/s	0.3587 kPa	0.7713
7.09 m	688.1 mm	0.3440 m²	0.95	3.0000	0.8300	1	10.00 m	28.98 m	0.9041	1.2159	24.27 m/s	0.3534 kPa	0.7708
6.59 m	697.8 mm	0.3489 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7777	1.2170	20.90 m/s	0.2621 kPa	0.7607
6.09 m	707.5 mm	0.3537 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7642	1.2181	20.55 m/s	0.2534 kPa	0.7595
5.59 m	717.2 mm	0.3586 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7507	1.2193	20.21 m/s	0.2451 kPa	0.7583
5.03 m	708.1 mm	0.4426 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7355	1.2206	19.82 m/s	0.2357 kPa	0.7570
4.40 m	720.4 mm	0.4502 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7187	1.2220	19.39 m/s	0.2256 kPa	0.7555
3.79 m	732.4 mm	0.4394 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7022	1.2235	18.97 m/s	0.2159 kPa	0.7540
3.48 m	738.5 mm	0.0185 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2242	18.92 m/s	0.2148 kPa	0.7538
3.15 m	744.9 mm	0.4655 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2250	18.93 m/s	0.2150 kPa	0.7538
2.53 m	757.1 mm	0.4732 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2265	18.96 m/s	0.2157 kPa	0.7539
1.90 m	769.4 mm	0.4809 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2281	18.98 m/s	0.2161 kPa	0.7540
1.41 m	778.9 mm	0.2726 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2293	19.00 m/s	0.2166 kPa	0.7541
1.10 m	785.1 mm	0.2159 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2301	19.01 m/s	0.2168 kPa	0.7541
0.65 m	793.9 mm	0.4962 m²	0.95	3.0000	0.8300	20	7.15 m	25.86 m	0.7000	1.2312	19.03 m/s	0.2173 kPa	0.7542

----- AREA LOADS -----

LOAD 01: 6 × Argus RVVPX310B2 Panel Antenna

ANCILLARIES

2 × PANEL ANTENNA RVVPX310B2 PANEL ANTENNA @ 35°

LENGTH: 2533 mm
WIDTH: 353 mm
DEPTH: 209 mm
MASS: 32.0 kg

• ESA has been calculated for each wind direction based on ancillary data from Argus as per TIA-222-G Section 2.6.9.2.

WIND	ORIENTATION	ESA,n	ESA,t	ESA
N	325°	1.15 m²	0.68 m²	0.99 m²
NE	10°	1.15 m²	0.68 m²	1.13 m²
E	55°	1.15 m²	0.68 m²	0.83 m²
SE	100°	1.15 m²	0.68 m²	0.69 m²
S	145°	1.15 m²	0.68 m²	0.99 m²
SW	190°	1.15 m²	0.68 m²	1.13 m²
W	235°	1.15 m²	0.68 m²	0.83 m²
NW	280°	1.15 m²	0.68 m²	0.69 m²

2 × PANEL ANTENNA RVVPX310B2 PANEL ANTENNA @ 170°

LENGTH: 2533 mm
WIDTH: 353 mm
DEPTH: 209 mm
MASS: 32.0 kg

• ESA has been calculated for each wind direction based on ancillary data from Argus as per TIA-222-G Section 2.6.9.2.

WIND	ORIENTATION	ESA,n	ESA,t	ESA
N	190°	1.15 m²	0.68 m²	1.13 m²
NE	235°	1.15 m²	0.68 m²	0.83 m²
E	280°	1.15 m²	0.68 m²	0.69 m²
SE	325°	1.15 m²	0.68 m²	0.99 m²
S	10°	1.15 m²	0.68 m²	1.13 m²
SW	55°	1.15 m²	0.68 m²	0.83 m²
W	100°	1.15 m²	0.68 m²	0.69 m²
NW	145°	1.15 m²	0.68 m²	0.99 m²

2 × PANEL ANTENNA RVVPX310B2 PANEL ANTENNA @ 310°

LENGTH: 2533 mm
WIDTH: 353 mm
DEPTH: 209 mm
MASS: 32.0 kg

• ESA has been calculated for each wind direction based on ancillary data from Argus as per TIA-222-G Section 2.6.9.2.

WIND	ORIENTATION	ESA,n	ESA,t	ESA
N	50°	1.15 m²	0.68 m²	0.87 m²
NE	95°	1.15 m²	0.68 m²	0.68 m²
E	140°	1.15 m²	0.68 m²	0.95 m²
SE	185°	1.15 m²	0.68 m²	1.14 m²
S	230°	1.15 m²	0.68 m²	0.87 m²
SW	275°	1.15 m²	0.68 m²	0.68 m²
W	320°	1.15 m²	0.68 m²	0.95 m²
NW	5°	1.15 m²	0.68 m²	1.14 m²

DESIGN LOADS

CL RL: 30.00 m
MASS: 192.0 kg
OFFSET: 0.00 m

WIND	ESA	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	Wu	Ws
N	5.98 m²	0.80	1.7211	1.1479	0	-	-	1.0000	1.1747	48.54 m/s	8.45 kN	3.27 kN
NE	5.28 m²	0.80	1.8115	1.1389	0	-	-	1.0000	1.1427	46.85 m/s	6.95 kN	2.69 kN
E	4.94 m²	0.80	1.5000	1.1700	0	-	-	1.0000	1.2322	51.90 m/s	7.98 kN	3.09 kN
SE	5.64 m²	0.95	1.5000	1.1700	0	-	-	1.0000	1.2146	60.75 m/s	12.49 kN	4.84 kN
S	5.98 m²	0.90	1.5000	1.1700	0	-	-	1.0000	1.1678	55.34 m/s	10.99 kN	4.25 kN
SW	5.28 m²	0.95	2.8115	1.0226	0	-	-	1.0000	1.1376	49.73 m/s	7.83 kN	3.03 kN
W	4.94 m²	1.00	3.0000	1.0000	0	-	-	1.0000	1.0642	47.89 m/s	6.80 kN	2.63 kN
NW	5.64 m²	0.95	3.0000	1.0000	0	-	-	1.0000	1.1747	50.22 m/s	8.53 kN	3.30 kN

LOAD 02: 6 × Kathrein 80010872 Panel Antenna

ANCILLARIES

2 × PANEL ANTENNA 80010872 PANEL ANTENNA @ 0°

LENGTH: 2693 mm

WIDTH: 377 mm
DEPTH: 169 mm
MASS: 42.0 kg

• ESA has been calculated for each wind direction based on ancillary data from Kathrein as per TIA-222-G Section 2.6.9.2.

WIND	ORIENTATION	ESA,n	ESA,t	ESA
N	0°	1.64 m²	0.54 m²	1.64 m²
NE	45°	1.64 m²	0.54 m²	1.09 m²
E	90°	1.64 m²	0.54 m²	0.54 m²
SE	135°	1.69 m²	0.54 m²	1.11 m²
S	180°	1.69 m²	0.54 m²	1.69 m²
SW	225°	1.69 m²	0.54 m²	1.11 m²
W	270°	1.69 m²	0.54 m²	0.54 m²
NW	315°	1.64 m²	0.54 m²	1.09 m²

2 × PANEL ANTENNA 80010872 PANEL ANTENNA @ 100°

LENGTH: 2693 mm
WIDTH: 377 mm
DEPTH: 169 mm
MASS: 42.0 kg

• ESA has been calculated for each wind direction based on ancillary data from Kathrein as per TIA-222-G Section 2.6.9.2.

WIND	ORIENTATION	ESA,n	ESA,t	ESA
N	260°	1.69 m²	0.54 m²	0.57 m²
NE	305°	1.64 m²	0.54 m²	0.90 m²
E	350°	1.64 m²	0.54 m²	1.61 m²
SE	35°	1.64 m²	0.54 m²	1.28 m²
S	80°	1.64 m²	0.54 m²	0.57 m²
SW	125°	1.69 m²	0.54 m²	0.92 m²
W	170°	1.69 m²	0.54 m²	1.65 m²
NW	215°	1.69 m²	0.54 m²	1.31 m²

2 × PANEL ANTENNA 80010872 PANEL ANTENNA @ 250°

LENGTH: 2693 mm
WIDTH: 377 mm
DEPTH: 169 mm
MASS: 42.0 kg

• ESA has been calculated for each wind direction based on ancillary data from Kathrein as per TIA-222-G Section 2.6.9.2.

WIND	ORIENTATION	ESA,n	ESA,t	ESA
N	110°	1.69 m²	0.54 m²	0.67 m²
NE	155°	1.69 m²	0.54 m²	1.48 m²
E	200°	1.69 m²	0.54 m²	1.55 m²
SE	245°	1.69 m²	0.54 m²	0.74 m²
S	290°	1.64 m²	0.54 m²	0.67 m²
SW	335°	1.64 m²	0.54 m²	1.44 m²
W	20°	1.64 m²	0.54 m²	1.51 m²
NW	65°	1.64 m²	0.54 m²	0.73 m²

DESIGN LOADS

CL RL: 25.00 m
MASS: 252.0 kg
OFFSET: 0.00 m

WIND	ESA	Md	TC	Mz,cat	ns	hs	bs	Ms	Mt	Vsit,β	Wu	Ws
N	5.76 m²	0.80	1.7788	1.1232	0	-	-	1.0000	1.1823	47.81 m/s	7.90 kN	3.06 kN
NE	6.94 m²	0.80	1.7885	1.1222	0	-	-	1.0000	1.1478	46.37 m/s	8.95 kN	3.47 kN
E	7.40 m²	0.80	1.5000	1.1525	0	-	-	1.0000	1.2442	51.62 m/s	11.83 kN	4.58 kN
SE	6.26 m²	0.95	1.5000	1.1525	0	-	-	1.0000	1.2247	60.34 m/s	13.67 kN	5.30 kN
S	5.86 m²	0.90	1.5000	1.1525	0	-	-	1.0000	1.1746	54.83 m/s	10.57 kN	4.09 kN
SW	6.94 m²	0.95	2.7885	0.9975	0	-	-	1.0000	1.1440	48.78 m/s	9.91 kN	3.84 kN
W	7.40 m²	1.00	3.0000	0.9700	0	-	-	1.0000	1.0683	46.63 m/s	9.65 kN	3.74 kN
NW	6.26 m²	0.95	3.0000	0.9700	0	-	-	1.0000	1.1823	49.03 m/s	9.03 kN	3.50 kN

----- ANALYSIS -----

BUCKLING

ELASTIC CRITICAL BUCKLING LOAD (Ncr): 315.13 kN

DYNAMIC

LOAD CASE 1: 1.2 G + Pu + Wu

FIRST MODE NATURAL FREQUENCY (n1): 0.8813 Hz

RL	OD	ī	M	θ	δ	ΣWδ	ΣWδ²
30.84 m	280.0 mm	30.84 m	0.00 kNm	1.7449°	0.5543 m	0.00 kgm	0.00 kgm²
30.23 m	291.9 mm	30.53 m	0.06 kNm	1.7448°	0.5357 m	11.34 kgm	6.08 kgm²
29.62 m	303.8 mm	29.92 m	0.98 kNm	1.7429°	0.5171 m	122.04 kgm	63.32 kgm²
29.49 m	306.3 mm	29.55 m	1.27 kNm	1.7421°	0.5132 m	124.47 kgm	64.56 kgm²
29.01 m	315.7 mm	29.25 m	2.45 kNm	1.7377°	0.4986 m	133.56 kgm	69.10 kgm²
28.40 m	327.6 mm	28.70 m	4.07 kNm	1.7290°	0.4801 m	145.01 kgm	74.60 kgm²
27.78 m	339.4 mm	28.09 m	5.84 kNm	1.7172°	0.4617 m	156.44 kgm	79.87 kgm²
27.17 m	351.3 mm	27.48 m	7.75 kNm	1.7026°	0.4435 m	167.81 kgm	84.92 kgm²
26.56 m	363.2 mm	26.87 m	9.83 kNm	1.6856°	0.4254 m	179.10 kgm	89.72 kgm²
25.95 m	375.1 mm	26.26 m	12.06 kNm	1.6663°	0.4075 m	190.29 kgm	94.28 kgm²
25.34 m	387.0 mm	25.64 m	14.56 kNm	1.6450°	0.3898 m	213.97 kgm	103.51 kgm²
25.34 m	377.0 mm	25.64 m	14.56 kNm	1.6450°	0.3898 m	213.97 kgm	103.51 kgm²
24.84 m	386.7 mm	25.09 m	17.21 kNm	1.6275°	0.3756 m	319.06 kgm	142.98 kgm²
24.34 m	396.4 mm	24.59 m	20.85 kNm	1.6081°	0.3614 m	329.37 kgm	146.70 kgm²
23.84 m	406.1 mm	24.09 m	24.63 kNm	1.5865°	0.3475 m	339.53 kgm	150.23 kgm²
23.34 m	415.8 mm	23.59 m	28.55 kNm	1.5630°	0.3338 m	349.53 kgm	153.57 kgm²
22.84 m	425.5 mm	23.09 m	32.62 kNm	1.5379°	0.3202 m	359.35 kgm	156.72 kgm²
22.34 m	435.2 mm	22.59 m	36.84 kNm	1.5112°	0.3069 m	368.99 kgm	159.68 kgm²
21.84 m	444.9 mm	22.09 m	41.22 kNm	1.4831°	0.2939 m	378.43 kgm	162.45 kgm²

21.34 m	454.6 mm	21.59 m	45.76 kNm	1.4538°	0.2810 m	387.65 kgm	165.04 kgm²
20.84 m	464.3 mm	21.09 m	50.46 kNm	1.4234°	0.2685 m	396.66 kgm	167.46 kgm²
20.34 m	474.0 mm	20.59 m	55.54 kNm	1.3920°	0.2562 m	421.27 kgm	173.76 kgm²
20.34 m	462.0 mm	20.59 m	55.54 kNm	1.3920°	0.2562 m	421.27 kgm	173.76 kgm²
19.84 m	471.8 mm	20.09 m	60.91 kNm	1.3654°	0.2442 m	432.32 kgm	176.46 kgm²
19.34 m	481.6 mm	19.59 m	66.50 kNm	1.3381°	0.2324 m	443.06 kgm	178.96 kgm²
18.84 m	491.4 mm	19.09 m	72.32 kNm	1.3101°	0.2208 m	453.49 kgm	181.26 kgm²
18.34 m	501.2 mm	18.59 m	78.37 kNm	1.2814°	0.2095 m	463.58 kgm	183.38 kgm²
17.84 m	511.0 mm	18.09 m	84.66 kNm	1.2522°	0.1985 m	473.33 kgm	185.31 kgm²
17.34 m	520.8 mm	17.59 m	91.20 kNm	1.2225°	0.1877 m	482.73 kgm	187.08 kgm²
16.84 m	530.6 mm	17.09 m	97.98 kNm	1.1923°	0.1771 m	491.78 kgm	188.68 kgm²
16.34 m	540.4 mm	16.59 m	105.01 kNm	1.1617°	0.1669 m	500.46 kgm	190.13 kgm²
15.84 m	550.2 mm	16.09 m	112.31 kNm	1.1306°	0.1569 m	508.77 kgm	191.43 kgm²
15.34 m	560.0 mm	15.59 m	120.19 kNm	1.0991°	0.1471 m	528.98 kgm	194.40 kgm²
15.34 m	544.0 mm	15.59 m	120.19 kNm	1.0991°	0.1471 m	528.98 kgm	194.40 kgm²
14.84 m	553.7 mm	15.09 m	128.42 kNm	1.0642°	0.1377 m	536.32 kgm	195.41 kgm²
14.34 m	563.4 mm	14.59 m	136.91 kNm	1.0289°	0.1285 m	543.31 kgm	196.31 kgm²
13.84 m	573.1 mm	14.09 m	145.67 kNm	0.9932°	0.1197 m	549.92 kgm	197.10 kgm²
13.34 m	582.8 mm	13.59 m	154.70 kNm	0.9572°	0.1112 m	556.18 kgm	197.80 kgm²
12.84 m	592.5 mm	13.09 m	164.02 kNm	0.9208°	0.1030 m	562.07 kgm	198.41 kgm²
12.34 m	602.2 mm	12.59 m	173.61 kNm	0.8841°	0.0951 m	567.60 kgm	198.93 kgm²
11.84 m	611.9 mm	12.09 m	183.49 kNm	0.8471°	0.0876 m	572.77 kgm	199.39 kgm²
11.34 m	621.6 mm	11.59 m	193.67 kNm	0.8099°	0.0804 m	577.60 kgm	199.77 kgm²
10.84 m	631.3 mm	11.09 m	204.14 kNm	0.7725°	0.0735 m	582.08 kgm	200.10 kgm²
10.34 m	641.0 mm	10.59 m	215.51 kNm	0.7348°	0.0669 m	595.22 kgm	200.98 kgm²
10.34 m	625.0 mm	10.59 m	215.51 kNm	0.7348°	0.0669 m	595.22 kgm	200.98 kgm²
9.84 m	634.7 mm	10.09 m	227.28 kNm	0.7017°	0.0606 m	599.86 kgm	201.26 kgm²
9.34 m	644.4 mm	9.59 m	239.43 kNm	0.6683°	0.0546 m	604.10 kgm	201.49 kgm²
8.84 m	654.1 mm	9.09 m	251.96 kNm	0.6348°	0.0489 m	607.95 kgm	201.68 kgm²
8.34 m	663.8 mm	8.59 m	264.89 kNm	0.6011°	0.0436 m	611.44 kgm	201.84 kgm²
7.84 m	673.5 mm	8.09 m	278.21 kNm	0.5672°	0.0385 m	614.56 kgm	201.96 kgm²
7.34 m	683.2 mm	7.59 m	291.93 kNm	0.5331°	0.0337 m	617.34 kgm	202.05 kgm²
6.84 m	692.9 mm	7.09 m	306.05 kNm	0.4989°	0.0291 m	619.77 kgm	202.12 kgm²
6.34 m	702.6 mm	6.59 m	320.60 kNm	0.4645°	0.0249 m	621.89 kgm	202.17 kgm²
5.84 m	712.3 mm	6.09 m	335.56 kNm	0.4299°	0.0210 m	623.70 kgm	202.21 kgm²
5.34 m	722.0 mm	5.59 m	351.76 kNm	0.3952°	0.0174 m	628.15 kgm	202.29 kgm²
5.34 m	702.0 mm	5.59 m	351.76 kNm	0.3952°	0.0174 m	628.15 kgm	202.29 kgm²
4.72 m	714.3 mm	5.03 m	372.62 kNm	0.3479°	0.0134 m	629.59 kgm	202.31 kgm²
4.09 m	726.5 mm	4.40 m	394.14 kNm	0.3004°	0.0099 m	630.67 kgm	202.32 kgm²
3.49 m	738.3 mm	3.79 m	415.45 kNm	0.2510°	0.0070 m	631.42 kgm	202.32 kgm²
3.47 m	738.8 mm	3.48 m	416.35 kNm	0.2489°	0.0069 m	631.45 kgm	202.32 kgm²
2.84 m	751.0 mm	3.15 m	439.24 kNm	0.2010°	0.0044 m	631.95 kgm	202.33 kgm²
2.22 m	763.3 mm	2.53 m	462.83 kNm	0.1529°	0.0025 m	632.23 kgm	202.33 kgm²
1.59 m	775.5 mm	1.90 m	487.13 kNm	0.1011°	0.0011 m	632.36 kgm	202.33 kgm²
1.24 m	782.4 mm	1.41 m	501.05 kNm	0.0717°	0.0006 m	632.39 kgm	202.33 kgm²
0.97 m	787.8 mm	1.10 m	512.16 kNm	0.0485°	0.0003 m	632.41 kgm	202.33 kgm²
0.34 m	800.0 mm	0.65 m	537.92 kNm	0.0000°	0.0000 m	632.41 kgm	202.33 kgm²

LOAD CASE 2: 0.9 G + Pu + Wu

FIRST MODE NATURAL FREQUENCY (n1): 0.8813 Hz

RL	OD	ī	M	θ	δ	ΣWδ	ΣWδ²
30.84 m	280.0 mm	30.84 m	0.00 kNm	1.7449°	0.5543 m	0.00 kgm	0.00 kgm²
30.23 m	291.9 mm	30.53 m	0.06 kNm	1.7448°	0.5357 m	11.34 kgm	6.08 kgm²
29.62 m	303.8 mm	29.92 m	0.98 kNm	1.7429°	0.5171 m	122.04 kgm	63.32 kgm²
29.49 m	306.3 mm	29.55 m	1.27 kNm	1.7421°	0.5132 m	124.47 kgm	64.56 kgm²
29.01 m	315.7 mm	29.25 m	2.45 kNm	1.7377°	0.4986 m	133.56 kgm	69.10 kgm²
28.40 m	327.6 mm	28.70 m	4.07 kNm	1.7290°	0.4801 m	145.01 kgm	74.60 kgm²
27.78 m	339.4 mm	28.09 m	5.84 kNm	1.7172°	0.4617 m	156.44 kgm	79.87 kgm²
27.17 m	351.3 mm	27.48 m	7.75 kNm	1.7026°	0.4435 m	167.81 kgm	84.92 kgm²
26.56 m	363.2 mm	26.87 m	9.83 kNm	1.6856°	0.4254 m	179.10 kgm	89.72 kgm²
25.95 m	375.1 mm	26.26 m	12.06 kNm	1.6663°	0.4075 m	190.29 kgm	94.28 kgm²
25.34 m	387.0 mm	25.64 m	14.56 kNm	1.6450°	0.3898 m	213.97 kgm	103.51 kgm²
25.34 m	377.0 mm	25.64 m	14.56 kNm	1.6450°	0.3898 m	213.97 kgm	103.51 kgm²
24.84 m	386.7 mm	25.09 m	17.21 kNm	1.6275°	0.3756 m	319.06 kgm	142.98 kgm²
24.34 m	396.4 mm	24.59 m	20.85 kNm	1.6081°	0.3614 m	329.37 kgm	146.70 kgm²
23.84 m	406.1 mm	24.09 m	24.63 kNm	1.5865°	0.3475 m	339.53 kgm	150.23 kgm²
23.34 m	415.8 mm	23.59 m	28.55 kNm	1.5630°	0.3338 m	349.53 kgm	153.57 kgm²
22.84 m	425.5 mm	23.09 m	32.62 kNm	1.5379°	0.3202 m	359.35 kgm	156.72 kgm²
22.34 m	435.2 mm	22.59 m	36.84 kNm	1.5112°	0.3069 m	368.99 kgm	159.68 kgm²
21.84 m	444.9 mm	22.09 m	41.22 kNm	1.4831°	0.2939 m	378.43 kgm	162.45 kgm²
21.34 m	454.6 mm	21.59 m	45.76 kNm	1.4538°	0.2810 m	387.65 kgm	165.04 kgm²
20.84 m	464.3 mm	21.09 m	50.46 kNm	1.4234°	0.2685 m	396.66 kgm	167.46 kgm²
20.34 m	474.0 mm	20.59 m	55.54 kNm	1.3920°	0.2562 m	421.27 kgm	173.76 kgm²
20.34 m	462.0 mm	20.59 m	55.54 kNm	1.3920°	0.2562 m	421.27 kgm	173.76 kgm²
19.84 m	471.8 mm	20.09 m	60.91 kNm	1.3654°	0.2442 m	432.32 kgm	176.46 kgm²
19.34 m	481.6 mm	19.59 m	66.50 kNm	1.3381°	0.2324 m	443.06 kgm	178.96 kgm²
18.84 m	491.4 mm	19.09 m	72.32 kNm	1.3101°	0.2208 m	453.49 kgm	181.26 kgm²
18.34 m	501.2 mm	18.59 m	78.37 kNm	1.2814°	0.2095 m	463.58 kgm	183.38 kgm²
17.84 m	511.0 mm	18.09 m	84.66 kNm	1.2522°	0.1985 m	473.33 kgm	185.31 kgm²
17.34 m	520.8 mm	17.59 m	91.20 kNm	1.2225°	0.1877 m	482.73 kgm	187.08 kgm²
16.84 m	530.6 mm	17.09 m	97.98 kNm	1.1923°	0.1771 m	491.78 kgm	188.68 kgm²
16.34 m	540.4 mm	16.59 m	105.01 kNm	1.1617°	0.1669 m	500.46 kgm	190.13 kgm²
15.84 m	550.2 mm	16.09 m	112.31 kNm	1.1306°	0.1569 m	508.77 kgm	191.43 kgm²
15.34 m	560.0 mm	15.59 m	120.19 kNm	1.0991°	0.1471 m	528.98 kgm	194.40 kgm²
15.34 m	544.0 mm	15.59 m	120.19 kNm	1.0991°	0.1471 m	528.98 kgm	194.40 kgm²
14.84 m	553.7 mm	15.09 m	128.42 kNm	1.0642°	0.1377 m	536.32 kgm	195.41 kgm²
14.34 m	563.4 mm	14.59 m	136.91 kNm	1.0289°	0.1285 m	543.31 kgm	196.31 kgm²
13.84 m	573.1 mm	14.09 m	145.67 kNm	0.9932°	0.1197 m	549.92 kgm	197.10 kgm²
13.34 m	582.8 mm	13.59 m	154.70 kNm	0.9572°	0.1112 m	556.18 kgm	197.80 kgm²
12.84 m	592.5 mm	13.09 m	164.02 kNm	0.9208°	0.1030 m	562.07 kgm	198.41 kgm²
12.34 m	602.2 mm	12.59 m	173.61 kNm	0.8841°	0.0951 m	567.60 kgm	198.93 kgm²
11.84 m	611.9 mm	12.09 m	183.49 kNm	0.8471°	0.0876 m	572.77 kgm	199.39 kgm²
11.34 m	621.6 mm	11.59 m	193.67 kNm	0.8099°	0.0804 m	577.60 kgm	199.77 kgm²
10.84 m	631.3 mm	11.09 m	204.14 kNm	0.7725°	0.0735 m	582.08 kgm	200.10 kgm²
10.34 m	641.0 mm	10.59 m	215.51 kNm	0.7348°	0.0669 m	595.22 kgm	200.98 kgm²
10.34 m	625.0 mm	10.59 m	215.51 kNm	0.7348°	0.0669 m	595.22 kgm	200.98 kgm²
9.84 m	634.7 mm	10.09 m	227.28 kNm	0.7017°	0.0606 m	599.86 kgm	201.26 kgm²
9.34 m	644.4 mm	9.59 m	239.43 kNm	0.6683°	0.0546 m	604.10 kgm	201.49 kgm²
8.84 m	654.1 mm	9.09 m	251.96 kNm	0.6348°	0.0489 m	607.95 kgm	201.68 kgm²

8.34 m	663.8 mm	8.59 m	264.89 kNm	0.6011°	0.0436 m	611.44 kgm	201.84 kgm²
7.84 m	673.5 mm	8.09 m	278.21 kNm	0.5672°	0.0385 m	614.56 kgm	201.96 kgm²
7.34 m	683.2 mm	7.59 m	291.93 kNm	0.5331°	0.0337 m	617.34 kgm	202.05 kgm²
6.84 m	692.9 mm	7.09 m	306.05 kNm	0.4989°	0.0291 m	619.77 kgm	202.12 kgm²
6.34 m	702.6 mm	6.59 m	320.60 kNm	0.4645°	0.0249 m	621.89 kgm	202.17 kgm²
5.84 m	712.3 mm	6.09 m	335.56 kNm	0.4299°	0.0210 m	623.70 kgm	202.21 kgm²
5.34 m	722.0 mm	5.59 m	351.76 kNm	0.3952°	0.0174 m	628.15 kgm	202.29 kgm²
5.34 m	702.0 mm	5.59 m	351.76 kNm	0.3952°	0.0174 m	628.15 kgm	202.29 kgm²
4.72 m	714.3 mm	5.03 m	372.62 kNm	0.3479°	0.0134 m	629.59 kgm	202.31 kgm²
4.09 m	726.5 mm	4.40 m	394.14 kNm	0.3004°	0.0099 m	630.67 kgm	202.32 kgm²
3.49 m	738.3 mm	3.79 m	415.45 kNm	0.2510°	0.0070 m	631.42 kgm	202.32 kgm²
3.47 m	738.8 mm	3.48 m	416.35 kNm	0.2489°	0.0069 m	631.45 kgm	202.32 kgm²
2.84 m	751.0 mm	3.15 m	439.24 kNm	0.2010°	0.0044 m	631.95 kgm	202.33 kgm²
2.22 m	763.3 mm	2.53 m	462.83 kNm	0.1529°	0.0025 m	632.23 kgm	202.33 kgm²
1.59 m	775.5 mm	1.90 m	487.13 kNm	0.1011°	0.0011 m	632.36 kgm	202.33 kgm²
1.24 m	782.4 mm	1.41 m	501.05 kNm	0.0717°	0.0006 m	632.39 kgm	202.33 kgm²
0.97 m	787.8 mm	1.10 m	512.16 kNm	0.0485°	0.0003 m	632.41 kgm	202.33 kgm²
0.34 m	800.0 mm	0.65 m	537.92 kNm	0.0000°	0.0000 m	632.41 kgm	202.33 kgm²

LOAD CASE 4: G + Ps + Ws

FIRST MODE NATURAL FREQUENCY (n1): 0.8813 Hz

RL	OD	ī	M	θ	δ	ΣWδ	ΣWδ²
30.84 m	280.0 mm	30.84 m	0.00 kNm	1.7449°	0.5543 m	0.00 kgm	0.00 kgm²
30.23 m	291.9 mm	30.53 m	0.06 kNm	1.7448°	0.5357 m	11.34 kgm	6.08 kgm²
29.62 m	303.8 mm	29.92 m	0.98 kNm	1.7429°	0.5171 m	122.04 kgm	63.32 kgm²
29.49 m	306.3 mm	29.55 m	1.27 kNm	1.7421°	0.5132 m	124.47 kgm	64.56 kgm²
29.01 m	315.7 mm	29.25 m	2.45 kNm	1.7377°	0.4986 m	133.56 kgm	69.10 kgm²
28.40 m	327.6 mm	28.70 m	4.07 kNm	1.7290°	0.4801 m	145.01 kgm	74.60 kgm²
27.78 m	339.4 mm	28.09 m	5.84 kNm	1.7172°	0.4617 m	156.44 kgm	79.87 kgm²
27.17 m	351.3 mm	27.48 m	7.75 kNm	1.7026°	0.4435 m	167.81 kgm	84.92 kgm²
26.56 m	363.2 mm	26.87 m	9.83 kNm	1.6856°	0.4254 m	179.10 kgm	89.72 kgm²
25.95 m	375.1 mm	26.26 m	12.06 kNm	1.6663°	0.4075 m	190.29 kgm	94.28 kgm²
25.34 m	387.0 mm	25.64 m	14.56 kNm	1.6450°	0.3898 m	213.97 kgm	103.51 kgm²
25.34 m	377.0 mm	25.64 m	14.56 kNm	1.6450°	0.3898 m	213.97 kgm	103.51 kgm²
24.84 m	386.7 mm	25.09 m	17.21 kNm	1.6275°	0.3756 m	319.06 kgm	142.98 kgm²
24.34 m	396.4 mm	24.59 m	20.85 kNm	1.6081°	0.3614 m	329.37 kgm	146.70 kgm²
23.84 m	406.1 mm	24.09 m	24.63 kNm	1.5865°	0.3475 m	339.53 kgm	150.23 kgm²
23.34 m	415.8 mm	23.59 m	28.55 kNm	1.5630°	0.3338 m	349.53 kgm	153.57 kgm²
22.84 m	425.5 mm	23.09 m	32.62 kNm	1.5379°	0.3202 m	359.35 kgm	156.72 kgm²
22.34 m	435.2 mm	22.59 m	36.84 kNm	1.5112°	0.3069 m	368.99 kgm	159.68 kgm²
21.84 m	444.9 mm	22.09 m	41.22 kNm	1.4831°	0.2939 m	378.43 kgm	162.45 kgm²
21.34 m	454.6 mm	21.59 m	45.76 kNm	1.4538°	0.2810 m	387.65 kgm	165.04 kgm²
20.84 m	464.3 mm	21.09 m	50.46 kNm	1.4234°	0.2685 m	396.66 kgm	167.46 kgm²
20.34 m	474.0 mm	20.59 m	55.54 kNm	1.3920°	0.2562 m	421.27 kgm	173.76 kgm²
20.34 m	462.0 mm	20.59 m	55.54 kNm	1.3920°	0.2562 m	421.27 kgm	173.76 kgm²
19.84 m	471.8 mm	20.09 m	60.91 kNm	1.3654°	0.2442 m	432.32 kgm	176.46 kgm²
19.34 m	481.6 mm	19.59 m	66.50 kNm	1.3381°	0.2324 m	443.06 kgm	178.96 kgm²
18.84 m	491.4 mm	19.09 m	72.32 kNm	1.3101°	0.2208 m	453.49 kgm	181.26 kgm²
18.34 m	501.2 mm	18.59 m	78.37 kNm	1.2814°	0.2095 m	463.58 kgm	183.38 kgm²
17.84 m	511.0 mm	18.09 m	84.66 kNm	1.2522°	0.1985 m	473.33 kgm	185.31 kgm²
17.34 m	520.8 mm	17.59 m	91.20 kNm	1.2225°	0.1877 m	482.73 kgm	187.08 kgm²
16.84 m	530.6 mm	17.09 m	97.98 kNm	1.1923°	0.1771 m	491.78 kgm	188.68 kgm²
16.34 m	540.4 mm	16.59 m	105.01 kNm	1.1617°	0.1669 m	500.46 kgm	190.13 kgm²
15.84 m	550.2 mm	16.09 m	112.31 kNm	1.1306°	0.1569 m	508.77 kgm	191.43 kgm²
15.34 m	560.0 mm	15.59 m	120.19 kNm	1.0991°	0.1471 m	528.98 kgm	194.40 kgm²
15.34 m	544.0 mm	15.59 m	120.19 kNm	1.0991°	0.1471 m	528.98 kgm	194.40 kgm²
14.84 m	553.7 mm	15.09 m	128.42 kNm	1.0642°	0.1377 m	536.32 kgm	195.41 kgm²
14.34 m	563.4 mm	14.59 m	136.91 kNm	1.0289°	0.1285 m	543.31 kgm	196.31 kgm²
13.84 m	573.1 mm	14.09 m	145.67 kNm	0.9932°	0.1197 m	549.92 kgm	197.10 kgm²
13.34 m	582.8 mm	13.59 m	154.70 kNm	0.9572°	0.1112 m	556.18 kgm	197.80 kgm²
12.84 m	592.5 mm	13.09 m	164.02 kNm	0.9208°	0.1030 m	562.07 kgm	198.41 kgm²
12.34 m	602.2 mm	12.59 m	173.61 kNm	0.8841°	0.0951 m	567.60 kgm	198.93 kgm²
11.84 m	611.9 mm	12.09 m	183.49 kNm	0.8471°	0.0876 m	572.77 kgm	199.39 kgm²
11.34 m	621.6 mm	11.59 m	193.67 kNm	0.8099°	0.0804 m	577.60 kgm	199.77 kgm²
10.84 m	631.3 mm	11.09 m	204.14 kNm	0.7725°	0.0735 m	582.08 kgm	200.10 kgm²
10.34 m	641.0 mm	10.59 m	215.51 kNm	0.7348°	0.0669 m	595.22 kgm	200.98 kgm²
10.34 m	625.0 mm	10.59 m	215.51 kNm	0.7348°	0.0669 m	595.22 kgm	200.98 kgm²
9.84 m	634.7 mm	10.09 m	227.28 kNm	0.7017°	0.0606 m	599.86 kgm	201.26 kgm²
9.34 m	644.4 mm	9.59 m	239.43 kNm	0.6683°	0.0546 m	604.10 kgm	201.49 kgm²
8.84 m	654.1 mm	9.09 m	251.96 kNm	0.6348°	0.0489 m	607.95 kgm	201.68 kgm²
8.34 m	663.8 mm	8.59 m	264.89 kNm	0.6011°	0.0436 m	611.44 kgm	201.84 kgm²
7.84 m	673.5 mm	8.09 m	278.21 kNm	0.5672°	0.0385 m	614.56 kgm	201.96 kgm²
7.34 m	683.2 mm	7.59 m	291.93 kNm	0.5331°	0.0337 m	617.34 kgm	202.05 kgm²
6.84 m	692.9 mm	7.09 m	306.05 kNm	0.4989°	0.0291 m	619.77 kgm	202.12 kgm²
6.34 m	702.6 mm	6.59 m	320.60 kNm	0.4645°	0.0249 m	621.89 kgm	202.17 kgm²
5.84 m	712.3 mm	6.09 m	335.56 kNm	0.4299°	0.0210 m	623.70 kgm	202.21 kgm²
5.34 m	722.0 mm	5.59 m	351.76 kNm	0.3952°	0.0174 m	628.15 kgm	202.29 kgm²
5.34 m	702.0 mm	5.59 m	351.76 kNm	0.3952°	0.0174 m	628.15 kgm	202.29 kgm²
4.72 m	714.3 mm	5.03 m	372.62 kNm	0.3479°	0.0134 m	629.59 kgm	202.31 kgm²
4.09 m	726.5 mm	4.40 m	394.14 kNm	0.3004°	0.0099 m	630.67 kgm	202.32 kgm²
3.49 m	738.3 mm	3.79 m	415.45 kNm	0.2510°	0.0070 m	631.42 kgm	202.32 kgm²
3.47 m	738.8 mm	3.48 m	416.35 kNm	0.2489°	0.0069 m	631.45 kgm	202.32 kgm²
2.84 m	751.0 mm	3.15 m	439.24 kNm	0.2010°	0.0044 m	631.95 kgm	202.33 kgm²
2.22 m	763.3 mm	2.53 m	462.83 kNm	0.1529°	0.0025 m	632.23 kgm	202.33 kgm²
1.59 m	775.5 mm	1.90 m	487.13 kNm	0.1011°	0.0011 m	632.36 kgm	202.33 kgm²
1.24 m	782.4 mm	1.41 m	501.05 kNm	0.0717°	0.0006 m	632.39 kgm	202.33 kgm²
0.97 m	787.8 mm	1.10 m	512.16 kNm	0.0485°	0.0003 m	632.41 kgm	202.33 kgm²
0.34 m	800.0 mm	0.65 m	537.92 kNm	0.0000°	0.0000 m	632.41 kgm	202.33 kgm²

ALONG-WIND RESPONSE

ULS DAMPING RATIO: 0.05
SLS DAMPING RATIO: 0.012

LOAD CASE 1: 1.2 G + Pu + Wu

• As first mode natural frequency (n1) < 1.0 Hz, calculate Dynamic Response Factor (Cdyn) for all wind directions as per AS/NZS 1170.2 Section 6.2.

RL	N	NE	E	SE	S	SW	W	NW
30.84 m	1.1098	1.1046	1.1196	1.1465	1.1302	1.1122	1.1062	1.1133

30.23 m	1.1075	1.1024	1.1172	1.1437	1.1276	1.1098	1.1038	1.1109
29.62 m	1.1050	1.1000	1.1146	1.1407	1.1248	1.1072	1.1013	1.1082
29.49 m	1.1045	1.0995	1.1140	1.1400	1.1242	1.1067	1.1008	1.1077
29.01 m	1.1026	1.0976	1.1120	1.1376	1.1220	1.1046	1.0988	1.1056
28.40 m	1.1001	1.0952	1.1094	1.1347	1.1193	1.1020	1.0963	1.1030
27.78 m	1.0977	1.0928	1.1068	1.1317	1.1166	1.0995	1.0938	1.1004
27.17 m	1.0953	1.0905	1.1043	1.1288	1.1139	1.0970	1.0914	1.0979
26.56 m	1.0930	1.0882	1.1018	1.1260	1.1113	1.0945	1.0890	1.0954
25.95 m	1.0906	1.0860	1.0994	1.1232	1.1087	1.0921	1.0866	1.0929
25.34 m	1.0883	1.0838	1.0970	1.1204	1.1061	1.0897	1.0843	1.0905
25.34 m	1.0883	1.0838	1.0970	1.1204	1.1061	1.0897	1.0843	1.0905
24.84 m	1.0865	1.0820	1.0950	1.1182	1.1041	1.0877	1.0824	1.0885
24.34 m	1.0847	1.0802	1.0931	1.1160	1.1020	1.0858	1.0805	1.0866
23.84 m	1.0829	1.0785	1.0912	1.1138	1.1000	1.0839	1.0787	1.0846
23.34 m	1.0811	1.0767	1.0893	1.1116	1.0980	1.0820	1.0769	1.0827
22.84 m	1.0794	1.0750	1.0875	1.1095	1.0961	1.0802	1.0751	1.0809
22.34 m	1.0776	1.0734	1.0857	1.1074	1.0942	1.0784	1.0733	1.0790
21.84 m	1.0759	1.0717	1.0839	1.1054	1.0923	1.0766	1.0716	1.0772
21.34 m	1.0743	1.0701	1.0821	1.1034	1.0904	1.0748	1.0699	1.0754
20.84 m	1.0726	1.0685	1.0804	1.1014	1.0886	1.0731	1.0682	1.0737
20.34 m	1.0710	1.0669	1.0787	1.0994	1.0868	1.0714	1.0665	1.0720
20.34 m	1.0710	1.0669	1.0787	1.0994	1.0868	1.0714	1.0665	1.0720
19.84 m	1.0694	1.0653	1.0770	1.0975	1.0850	1.0697	1.0649	1.0703
19.34 m	1.0678	1.0638	1.0754	1.0956	1.0833	1.0680	1.0633	1.0686
18.84 m	1.0663	1.0623	1.0737	1.0938	1.0816	1.0664	1.0617	1.0669
18.34 m	1.0647	1.0608	1.0721	1.0919	1.0799	1.0648	1.0601	1.0653
17.84 m	1.0633	1.0594	1.0706	1.0901	1.0782	1.0632	1.0586	1.0637
17.34 m	1.0618	1.0579	1.0690	1.0884	1.0766	1.0617	1.0571	1.0621
16.84 m	1.0603	1.0565	1.0675	1.0867	1.0750	1.0602	1.0556	1.0606
16.34 m	1.0589	1.0552	1.0660	1.0850	1.0734	1.0587	1.0541	1.0591
15.84 m	1.0575	1.0538	1.0646	1.0833	1.0719	1.0572	1.0527	1.0576
15.34 m	1.0562	1.0525	1.0632	1.0817	1.0704	1.0558	1.0513	1.0562
15.34 m	1.0562	1.0525	1.0632	1.0817	1.0704	1.0558	1.0513	1.0562
14.84 m	1.0549	1.0512	1.0618	1.0801	1.0689	1.0544	1.0499	1.0547
14.34 m	1.0536	1.0499	1.0604	1.0786	1.0675	1.0530	1.0486	1.0533
13.84 m	1.0523	1.0487	1.0591	1.0771	1.0661	1.0516	1.0473	1.0520
13.34 m	1.0510	1.0475	1.0578	1.0756	1.0647	1.0503	1.0460	1.0506
12.84 m	1.0498	1.0463	1.0565	1.0742	1.0634	1.0490	1.0447	1.0493
12.34 m	1.0486	1.0451	1.0553	1.0728	1.0621	1.0478	1.0435	1.0480
11.84 m	1.0475	1.0440	1.0541	1.0714	1.0608	1.0465	1.0423	1.0468
11.34 m	1.0463	1.0429	1.0529	1.0701	1.0596	1.0453	1.0411	1.0456
10.84 m	1.0452	1.0418	1.0518	1.0688	1.0584	1.0441	1.0399	1.0444
10.34 m	1.0442	1.0407	1.0506	1.0676	1.0572	1.0430	1.0388	1.0432
10.34 m	1.0442	1.0407	1.0506	1.0676	1.0572	1.0430	1.0388	1.0432
9.84 m	1.0431	1.0397	1.0496	1.0664	1.0561	1.0419	1.0377	1.0421
9.34 m	1.0421	1.0387	1.0485	1.0652	1.0550	1.0408	1.0367	1.0410
8.84 m	1.0411	1.0378	1.0475	1.0640	1.0539	1.0398	1.0356	1.0399
8.34 m	1.0402	1.0368	1.0465	1.0630	1.0529	1.0387	1.0346	1.0389
7.84 m	1.0392	1.0359	1.0455	1.0619	1.0519	1.0377	1.0337	1.0379
7.34 m	1.0383	1.0350	1.0446	1.0609	1.0510	1.0368	1.0327	1.0369
6.84 m	1.0375	1.0342	1.0437	1.0599	1.0500	1.0359	1.0318	1.0360
6.34 m	1.0366	1.0334	1.0429	1.0590	1.0491	1.0350	1.0309	1.0351
5.84 m	1.0358	1.0326	1.0421	1.0581	1.0483	1.0341	1.0300	1.0342
5.34 m	1.0351	1.0318	1.0413	1.0572	1.0475	1.0333	1.0292	1.0334
5.34 m	1.0351	1.0318	1.0413	1.0572	1.0475	1.0333	1.0292	1.0334
4.72 m	1.0341	1.0309	1.0403	1.0562	1.0465	1.0323	1.0282	1.0324
4.09 m	1.0333	1.0300	1.0394	1.0552	1.0456	1.0313	1.0273	1.0314
3.49 m	1.0325	1.0292	1.0386	1.0544	1.0448	1.0305	1.0264	1.0305
3.47 m	1.0324	1.0292	1.0386	1.0544	1.0447	1.0304	1.0264	1.0305
2.84 m	1.0317	1.0284	1.0378	1.0535	1.0439	1.0296	1.0255	1.0296
2.22 m	1.0309	1.0277	1.0371	1.0528	1.0432	1.0288	1.0247	1.0288
1.59 m	1.0303	1.0270	1.0364	1.0521	1.0425	1.0280	1.0240	1.0280
1.24 m	1.0299	1.0267	1.0360	1.0517	1.0422	1.0276	1.0236	1.0276
0.97 m	1.0296	1.0264	1.0358	1.0514	1.0419	1.0273	1.0233	1.0273
0.34 m	1.0290	1.0258	1.0352	1.0509	1.0413	1.0267	1.0226	1.0267

LOAD CASE 2: 0.9 G + Pu + Wu

• As first mode natural frequency (n1) < 1.0 Hz, calculate Dynamic Response Factor (Cdyn) for all wind directions as per AS/NZS 1170.2 Section 6.2.

RL	N	NE	E	SE	S	SW	W	NW
30.84 m	1.1098	1.1046	1.1196	1.1465	1.1302	1.1122	1.1062	1.1133
30.23 m	1.1075	1.1024	1.1172	1.1437	1.1276	1.1098	1.1038	1.1109
29.62 m	1.1050	1.1000	1.1146	1.1407	1.1248	1.1072	1.1013	1.1082
29.49 m	1.1045	1.0995	1.1140	1.1400	1.1242	1.1067	1.1008	1.1077
29.01 m	1.1026	1.0976	1.1120	1.1376	1.1220	1.1046	1.0988	1.1056
28.40 m	1.1001	1.0952	1.1094	1.1347	1.1193	1.1020	1.0963	1.1030
27.78 m	1.0977	1.0928	1.1068	1.1317	1.1166	1.0995	1.0938	1.1004
27.17 m	1.0953	1.0905	1.1043	1.1288	1.1139	1.0970	1.0914	1.0979
26.56 m	1.0930	1.0882	1.1018	1.1260	1.1113	1.0945	1.0890	1.0954
25.95 m	1.0906	1.0860	1.0994	1.1232	1.1087	1.0921	1.0866	1.0929
25.34 m	1.0883	1.0838	1.0970	1.1204	1.1061	1.0897	1.0843	1.0905
25.34 m	1.0883	1.0838	1.0970	1.1204	1.1061	1.0897	1.0843	1.0905
24.84 m	1.0865	1.0820	1.0950	1.1182	1.1041	1.0877	1.0824	1.0885
24.34 m	1.0847	1.0802	1.0931	1.1160	1.1020	1.0858	1.0805	1.0866
23.84 m	1.0829	1.0785	1.0912	1.1138	1.1000	1.0839	1.0787	1.0846
23.34 m	1.0811	1.0767	1.0893	1.1116	1.0980	1.0820	1.0769	1.0827
22.84 m	1.0794	1.0750	1.0875	1.1095	1.0961	1.0802	1.0751	1.0809
22.34 m	1.0776	1.0734	1.0857	1.1074	1.0942	1.0784	1.0733	1.0790
21.84 m	1.0759	1.0717	1.0839	1.1054	1.0923	1.0766	1.0716	1.0772
21.34 m	1.0743	1.0701	1.0821	1.1034	1.0904	1.0748	1.0699	1.0754
20.84 m	1.0726	1.0685	1.0804	1.1014	1.0886	1.0731	1.0682	1.0737
20.34 m	1.0710	1.0669	1.0787	1.0994	1.0868	1.0714	1.0665	1.0720
20.34 m	1.0710	1.0669	1.0787	1.0994	1.0868	1.0714	1.0665	1.0720
19.84 m	1.0694	1.0653	1.0770	1.0975	1.0850	1.0697	1.0649	1.0703
19.34 m	1.0678	1.0638	1.0754	1.0956	1.0833	1.0680	1.0633	1.0686
18.84 m	1.0663	1.0623	1.0737	1.0938	1.0816	1.0664	1.0617	1.0669
18.34 m	1.0647	1.0608	1.0721	1.0919	1.0799	1.0648	1.0601	1.0653
17.84 m	1.0633	1.0594	1.0706	1.0901	1.0782	1.0632	1.0586	1.0637
17.34 m	1.0618	1.0579	1.0690	1.0884	1.0766	1.0617	1.0571	1.0621
16.84 m	1.0603	1.0565	1.0675	1.0867	1.0750	1.0602	1.0556	1.0606
16.34 m	1.0589	1.0552	1.0660	1.0850	1.0734	1.0587	1.0541	1.0591

15.84 m	1.0575	1.0538	1.0646	1.0833	1.0719	1.0572	1.0527	1.0576
15.34 m	1.0562	1.0525	1.0632	1.0817	1.0704	1.0558	1.0513	1.0562
15.34 m	1.0562	1.0525	1.0632	1.0817	1.0704	1.0558	1.0513	1.0562
14.84 m	1.0549	1.0512	1.0618	1.0801	1.0689	1.0544	1.0499	1.0547
14.34 m	1.0536	1.0499	1.0604	1.0786	1.0675	1.0530	1.0486	1.0533
13.84 m	1.0523	1.0487	1.0591	1.0771	1.0661	1.0516	1.0473	1.0520
13.34 m	1.0510	1.0475	1.0578	1.0756	1.0647	1.0503	1.0460	1.0506
12.84 m	1.0498	1.0463	1.0565	1.0742	1.0634	1.0490	1.0447	1.0493
12.34 m	1.0486	1.0451	1.0553	1.0728	1.0621	1.0478	1.0435	1.0480
11.84 m	1.0475	1.0440	1.0541	1.0714	1.0608	1.0465	1.0423	1.0468
11.34 m	1.0463	1.0429	1.0529	1.0701	1.0596	1.0453	1.0411	1.0456
10.84 m	1.0452	1.0418	1.0518	1.0688	1.0584	1.0441	1.0399	1.0444
10.34 m	1.0442	1.0407	1.0506	1.0676	1.0572	1.0430	1.0388	1.0432
10.34 m	1.0442	1.0407	1.0506	1.0676	1.0572	1.0430	1.0388	1.0432
9.84 m	1.0431	1.0397	1.0496	1.0664	1.0561	1.0419	1.0377	1.0421
9.34 m	1.0421	1.0387	1.0485	1.0652	1.0550	1.0408	1.0367	1.0410
8.84 m	1.0411	1.0378	1.0475	1.0640	1.0539	1.0398	1.0356	1.0399
8.34 m	1.0402	1.0368	1.0465	1.0630	1.0529	1.0387	1.0346	1.0389
7.84 m	1.0392	1.0359	1.0455	1.0619	1.0519	1.0377	1.0337	1.0379
7.34 m	1.0383	1.0350	1.0446	1.0609	1.0510	1.0368	1.0327	1.0369
6.84 m	1.0375	1.0342	1.0437	1.0599	1.0500	1.0359	1.0318	1.0360
6.34 m	1.0366	1.0334	1.0429	1.0590	1.0491	1.0350	1.0309	1.0351
5.84 m	1.0358	1.0326	1.0421	1.0581	1.0483	1.0341	1.0300	1.0342
5.34 m	1.0351	1.0318	1.0413	1.0572	1.0475	1.0333	1.0292	1.0334
5.34 m	1.0351	1.0318	1.0413	1.0572	1.0475	1.0333	1.0292	1.0334
4.72 m	1.0341	1.0309	1.0403	1.0562	1.0465	1.0323	1.0282	1.0324
4.09 m	1.0333	1.0300	1.0394	1.0552	1.0456	1.0313	1.0273	1.0314
3.49 m	1.0325	1.0292	1.0386	1.0544	1.0448	1.0305	1.0264	1.0305
3.47 m	1.0324	1.0292	1.0386	1.0544	1.0447	1.0304	1.0264	1.0305
2.84 m	1.0317	1.0284	1.0378	1.0535	1.0439	1.0296	1.0255	1.0296
2.22 m	1.0309	1.0277	1.0371	1.0528	1.0432	1.0288	1.0247	1.0288
1.59 m	1.0303	1.0270	1.0364	1.0521	1.0425	1.0280	1.0240	1.0280
1.24 m	1.0299	1.0267	1.0360	1.0517	1.0422	1.0276	1.0236	1.0276
0.97 m	1.0296	1.0264	1.0358	1.0514	1.0419	1.0273	1.0233	1.0273
0.34 m	1.0290	1.0258	1.0352	1.0509	1.0413	1.0267	1.0226	1.0267

LOAD CASE 4: G + Ps + Ws

- As first mode natural frequency (n1) < 1.0 Hz, calculate Dynamic Response Factor (Cdyn) for all wind directions as per AS/NZS 1170.2 Section 6.2.

RL	N	NE	E	SE	S	SW	W	NW
30.84 m	1.2050	1.1951	1.2235	1.2741	1.2433	1.2093	1.1978	1.2112
30.23 m	1.2013	1.1915	1.2195	1.2694	1.2390	1.2054	1.1941	1.2073
29.62 m	1.1974	1.1878	1.2154	1.2646	1.2346	1.2014	1.1902	1.2032
29.49 m	1.1966	1.1870	1.2145	1.2636	1.2337	1.2005	1.1894	1.2024
29.01 m	1.1936	1.1841	1.2113	1.2598	1.2303	1.1973	1.1863	1.1991
28.40 m	1.1898	1.1804	1.2072	1.2551	1.2260	1.1934	1.1825	1.1951
27.78 m	1.1860	1.1768	1.2032	1.2504	1.2217	1.1894	1.1787	1.1912
27.17 m	1.1823	1.1732	1.1993	1.2459	1.2175	1.1856	1.1749	1.1872
26.56 m	1.1786	1.1696	1.1954	1.2413	1.2134	1.1818	1.1713	1.1834
25.95 m	1.1750	1.1662	1.1916	1.2369	1.2093	1.1780	1.1676	1.1796
25.34 m	1.1715	1.1627	1.1879	1.2325	1.2053	1.1743	1.1641	1.1758
25.34 m	1.1715	1.1627	1.1879	1.2325	1.2053	1.1743	1.1641	1.1758
24.84 m	1.1686	1.1600	1.1848	1.2290	1.2021	1.1713	1.1612	1.1728
24.34 m	1.1658	1.1573	1.1818	1.2255	1.1989	1.1684	1.1584	1.1699
23.84 m	1.1630	1.1546	1.1789	1.2221	1.1958	1.1655	1.1556	1.1669
23.34 m	1.1603	1.1519	1.1760	1.2187	1.1927	1.1626	1.1528	1.1640
22.84 m	1.1576	1.1493	1.1731	1.2153	1.1896	1.1598	1.1501	1.1612
22.34 m	1.1550	1.1468	1.1703	1.2121	1.1866	1.1570	1.1474	1.1584
21.84 m	1.1523	1.1442	1.1675	1.2088	1.1837	1.1543	1.1448	1.1556
21.34 m	1.1498	1.1417	1.1648	1.2056	1.1808	1.1516	1.1422	1.1529
20.84 m	1.1472	1.1393	1.1621	1.2025	1.1779	1.1490	1.1396	1.1502
20.34 m	1.1447	1.1369	1.1595	1.1994	1.1751	1.1464	1.1371	1.1476
20.34 m	1.1447	1.1369	1.1595	1.1994	1.1751	1.1464	1.1371	1.1476
19.84 m	1.1423	1.1345	1.1569	1.1964	1.1723	1.1438	1.1347	1.1450
19.34 m	1.1399	1.1322	1.1543	1.1935	1.1696	1.1413	1.1322	1.1425
18.84 m	1.1375	1.1299	1.1518	1.1905	1.1669	1.1388	1.1299	1.1400
18.34 m	1.1352	1.1277	1.1494	1.1877	1.1643	1.1364	1.1275	1.1375
17.84 m	1.1330	1.1255	1.1470	1.1849	1.1618	1.1340	1.1252	1.1351
17.34 m	1.1307	1.1233	1.1446	1.1822	1.1593	1.1317	1.1230	1.1328
16.84 m	1.1285	1.1212	1.1423	1.1795	1.1568	1.1294	1.1208	1.1305
16.34 m	1.1264	1.1192	1.1400	1.1768	1.1544	1.1272	1.1186	1.1282
15.84 m	1.1243	1.1171	1.1378	1.1743	1.1521	1.1250	1.1165	1.1260
15.34 m	1.1223	1.1152	1.1357	1.1718	1.1498	1.1229	1.1144	1.1238
15.34 m	1.1223	1.1152	1.1357	1.1718	1.1498	1.1229	1.1144	1.1238
14.84 m	1.1203	1.1132	1.1336	1.1693	1.1475	1.1208	1.1124	1.1217
14.34 m	1.1184	1.1114	1.1315	1.1670	1.1453	1.1188	1.1105	1.1197
13.84 m	1.1165	1.1095	1.1295	1.1646	1.1432	1.1168	1.1085	1.1177
13.34 m	1.1146	1.1077	1.1276	1.1624	1.1411	1.1148	1.1067	1.1157
12.84 m	1.1128	1.1060	1.1257	1.1602	1.1391	1.1130	1.1048	1.1138
12.34 m	1.1111	1.1043	1.1238	1.1581	1.1372	1.1111	1.1031	1.1120
11.84 m	1.1094	1.1027	1.1220	1.1560	1.1353	1.1093	1.1013	1.1102
11.34 m	1.1077	1.1011	1.1203	1.1540	1.1334	1.1076	1.0997	1.1084
10.84 m	1.1061	1.0995	1.1186	1.1521	1.1317	1.1059	1.0980	1.1067
10.34 m	1.1046	1.0980	1.1170	1.1502	1.1300	1.1043	1.0965	1.1051
10.34 m	1.1046	1.0980	1.1170	1.1502	1.1300	1.1043	1.0965	1.1051
9.84 m	1.1031	1.0966	1.1154	1.1484	1.1283	1.1027	1.0949	1.1035
9.34 m	1.1017	1.0952	1.1139	1.1467	1.1267	1.1012	1.0935	1.1019
8.84 m	1.1003	1.0938	1.1125	1.1450	1.1252	1.0998	1.0920	1.1005
8.34 m	1.0990	1.0925	1.1111	1.1434	1.1237	1.0984	1.0907	1.0990
7.84 m	1.0977	1.0913	1.1097	1.1419	1.1223	1.0970	1.0893	1.0977
7.34 m	1.0964	1.0901	1.1084	1.1405	1.1209	1.0957	1.0881	1.0963
6.84 m	1.0953	1.0889	1.1072	1.1391	1.1196	1.0945	1.0869	1.0951
6.34 m	1.0942	1.0878	1.1061	1.1378	1.1184	1.0933	1.0857	1.0939
5.84 m	1.0931	1.0868	1.1049	1.1365	1.1173	1.0921	1.0846	1.0927
5.34 m	1.0921	1.0858	1.1039	1.1353	1.1162	1.0911	1.0835	1.0917
5.34 m	1.0921	1.0858	1.1039	1.1353	1.1162	1.0911	1.0835	1.0917
4.72 m	1.0909	1.0846	1.1027	1.1340	1.1149	1.0898	1.0823	1.0904
4.09 m	1.0898	1.0836	1.1015	1.1327	1.1137	1.0886	1.0811	1.0892
3.49 m	1.0888	1.0826	1.1005	1.1316	1.1127	1.0876	1.0801	1.0881
3.47 m	1.0888	1.0826	1.1005	1.1316	1.1126	1.0875	1.0800	1.0881

2.84 m	1.0879	1.0817	1.0996	1.1306	1.1116	1.0865	1.0790	1.0871
2.22 m	1.0870	1.0808	1.0987	1.1297	1.1108	1.0856	1.0781	1.0861
1.59 m	1.0863	1.0801	1.0980	1.1289	1.1100	1.0848	1.0773	1.0853
1.24 m	1.0859	1.0797	1.0976	1.1285	1.1096	1.0844	1.0769	1.0849
0.97 m	1.0856	1.0794	1.0973	1.1282	1.1093	1.0841	1.0766	1.0846
0.34 m	1.0850	1.0788	1.0967	1.1276	1.1088	1.0834	1.0759	1.0839

CROSSWIND RESPONSE

STROUHAL NUMBER (St): 0.20 (AWES 2012 Section 5.6.1)
DAMPING RATIO (ζ): 0.002 (CICIND Table 7.4)

- Calculate the critical wind velocity (Vcr) and Scruton Number (Sc) for vortex shedding based on the average diameter and mass over the top-third of the structure for tapered monopoles as per CICIND Section 7.2.4.1.

LOAD CASE 1: 1.2 G + Pu + Wu

WIND	Vcr	AVERAGE OD	AVERAGE MASS	Sc
N	1.23 m/s	380.5 mm	95.9 kg/m	13.88
NE	1.23 m/s	380.5 mm	95.9 kg/m	13.88
E	1.23 m/s	380.5 mm	95.9 kg/m	13.88
SE	1.23 m/s	380.5 mm	95.9 kg/m	13.88
S	1.23 m/s	380.5 mm	95.9 kg/m	13.88
SW	1.23 m/s	380.5 mm	95.9 kg/m	13.88
W	1.23 m/s	380.5 mm	95.9 kg/m	13.88
NW	1.23 m/s	380.5 mm	95.9 kg/m	13.88

LOAD CASE 2: 0.9 G + Pu + Wu

WIND	Vcr	AVERAGE OD	AVERAGE MASS	Sc
N	1.23 m/s	380.5 mm	95.9 kg/m	13.88
NE	1.23 m/s	380.5 mm	95.9 kg/m	13.88
E	1.23 m/s	380.5 mm	95.9 kg/m	13.88
SE	1.23 m/s	380.5 mm	95.9 kg/m	13.88
S	1.23 m/s	380.5 mm	95.9 kg/m	13.88
SW	1.23 m/s	380.5 mm	95.9 kg/m	13.88
W	1.23 m/s	380.5 mm	95.9 kg/m	13.88
NW	1.23 m/s	380.5 mm	95.9 kg/m	13.88

LOAD CASE 4: G + Ps + Ws

WIND	Vcr	AVERAGE OD	AVERAGE MASS	Sc
N	1.23 m/s	380.5 mm	95.9 kg/m	13.88
NE	1.23 m/s	380.5 mm	95.9 kg/m	13.88
E	1.23 m/s	380.5 mm	95.9 kg/m	13.88
SE	1.23 m/s	380.5 mm	95.9 kg/m	13.88
S	1.23 m/s	380.5 mm	95.9 kg/m	13.88
SW	1.23 m/s	380.5 mm	95.9 kg/m	13.88
W	1.23 m/s	380.5 mm	95.9 kg/m	13.88
NW	1.23 m/s	380.5 mm	95.9 kg/m	13.88

- Structures with a critical velocity (Vcr) outside the design range (10 m/s to 40 m/s) are unlikely to be prone to cross-wind excitation as per Holmes 2015 Section 11.5.

----- MOMENT (M) -----

- Analysis includes second-order (P-Δ) effects.

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.08 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.08 kNm
29.62 m	0.29 kNm	3.59 kNm	0.00 kNm	0.00 kNm	3.88 kNm
29.49 m	0.37 kNm	4.86 kNm	0.00 kNm	0.00 kNm	5.23 kNm
29.01 m	0.69 kNm	9.45 kNm	0.00 kNm	0.00 kNm	10.14 kNm
28.40 m	1.23 kNm	15.20 kNm	0.00 kNm	0.00 kNm	16.43 kNm
27.78 m	1.93 kNm	20.93 kNm	0.00 kNm	0.00 kNm	22.86 kNm
27.17 m	2.80 kNm	26.63 kNm	0.00 kNm	0.00 kNm	29.43 kNm
26.56 m	3.83 kNm	32.31 kNm	0.00 kNm	0.00 kNm	36.14 kNm
25.95 m	5.04 kNm	37.96 kNm	0.00 kNm	0.00 kNm	43.00 kNm
25.34 m	6.42 kNm	43.57 kNm	0.00 kNm	0.00 kNm	49.99 kNm
25.34 m	6.42 kNm	43.57 kNm	0.00 kNm	0.00 kNm	49.99 kNm
24.84 m	7.70 kNm	49.61 kNm	0.00 kNm	0.00 kNm	57.32 kNm
24.34 m	9.10 kNm	58.55 kNm	0.00 kNm	0.00 kNm	67.65 kNm
23.84 m	10.62 kNm	67.46 kNm	0.00 kNm	0.00 kNm	78.08 kNm
23.34 m	12.27 kNm	76.33 kNm	0.00 kNm	0.00 kNm	88.60 kNm
22.84 m	14.04 kNm	85.17 kNm	0.00 kNm	0.00 kNm	99.21 kNm
22.34 m	15.94 kNm	93.98 kNm	0.00 kNm	0.00 kNm	109.92 kNm
21.84 m	17.97 kNm	102.77 kNm	0.00 kNm	0.00 kNm	120.73 kNm
21.34 m	20.12 kNm	111.52 kNm	0.00 kNm	0.00 kNm	131.64 kNm
20.84 m	22.41 kNm	120.24 kNm	0.00 kNm	0.00 kNm	142.65 kNm
20.34 m	24.85 kNm	128.94 kNm	0.00 kNm	0.00 kNm	153.79 kNm
20.34 m	24.85 kNm	128.94 kNm	0.00 kNm	0.00 kNm	153.79 kNm
19.84 m	27.43 kNm	137.60 kNm	0.00 kNm	0.00 kNm	165.03 kNm
19.34 m	30.14 kNm	146.25 kNm	0.00 kNm	0.00 kNm	176.38 kNm
18.84 m	32.98 kNm	154.86 kNm	0.00 kNm	0.00 kNm	187.85 kNm
18.34 m	35.97 kNm	163.45 kNm	0.00 kNm	0.00 kNm	199.42 kNm
17.84 m	39.09 kNm	172.02 kNm	0.00 kNm	0.00 kNm	211.12 kNm
17.34 m	42.36 kNm	180.57 kNm	0.00 kNm	0.00 kNm	222.92 kNm
16.84 m	45.77 kNm	189.09 kNm	0.00 kNm	0.00 kNm	234.85 kNm
16.34 m	49.31 kNm	197.59 kNm	0.00 kNm	0.00 kNm	246.90 kNm
15.84 m	53.00 kNm	206.06 kNm	0.00 kNm	0.00 kNm	259.07 kNm
15.34 m	56.86 kNm	214.52 kNm	0.00 kNm	0.00 kNm	271.38 kNm
15.34 m	56.86 kNm	214.52 kNm	0.00 kNm	0.00 kNm	271.38 kNm
14.84 m	60.85 kNm	222.96 kNm	0.00 kNm	0.00 kNm	283.80 kNm
14.34 m	64.98 kNm	231.37 kNm	0.00 kNm	0.00 kNm	296.35 kNm
13.84 m	69.25 kNm	239.77 kNm	0.00 kNm	0.00 kNm	309.02 kNm
13.34 m	73.66 kNm	248.15 kNm	0.00 kNm	0.00 kNm	321.82 kNm

12.84 m	78.22 kNm	256.52 kNm	0.00 kNm	0.00 kNm	334.73 kNm
12.34 m	82.91 kNm	264.87 kNm	0.00 kNm	0.00 kNm	347.78 kNm
11.84 m	87.75 kNm	273.20 kNm	0.00 kNm	0.00 kNm	360.94 kNm
11.34 m	92.72 kNm	281.52 kNm	0.00 kNm	0.00 kNm	374.24 kNm
10.84 m	97.84 kNm	289.82 kNm	0.00 kNm	0.00 kNm	387.66 kNm
10.34 m	103.12 kNm	298.11 kNm	0.00 kNm	0.00 kNm	401.23 kNm
10.34 m	103.12 kNm	298.11 kNm	0.00 kNm	0.00 kNm	401.23 kNm
9.84 m	108.54 kNm	306.39 kNm	0.00 kNm	0.00 kNm	414.93 kNm
9.34 m	114.10 kNm	314.66 kNm	0.00 kNm	0.00 kNm	428.75 kNm
8.84 m	119.79 kNm	322.92 kNm	0.00 kNm	0.00 kNm	442.71 kNm
8.34 m	125.63 kNm	331.17 kNm	0.00 kNm	0.00 kNm	456.79 kNm
7.84 m	131.60 kNm	339.41 kNm	0.00 kNm	0.00 kNm	471.01 kNm
7.34 m	137.71 kNm	347.64 kNm	0.00 kNm	0.00 kNm	485.35 kNm
6.84 m	143.95 kNm	355.86 kNm	0.00 kNm	0.00 kNm	499.82 kNm
6.34 m	150.30 kNm	364.08 kNm	0.00 kNm	0.00 kNm	514.39 kNm
5.84 m	156.73 kNm	372.30 kNm	0.00 kNm	0.00 kNm	529.03 kNm
5.34 m	163.27 kNm	380.51 kNm	0.00 kNm	0.00 kNm	543.78 kNm
5.34 m	163.27 kNm	380.51 kNm	0.00 kNm	0.00 kNm	543.78 kNm
4.72 m	171.48 kNm	390.77 kNm	0.00 kNm	0.00 kNm	562.25 kNm
4.09 m	179.78 kNm	401.02 kNm	0.00 kNm	0.00 kNm	580.81 kNm
3.49 m	187.73 kNm	410.85 kNm	0.00 kNm	0.00 kNm	598.58 kNm
3.47 m	188.19 kNm	411.27 kNm	0.00 kNm	0.00 kNm	599.46 kNm
2.84 m	196.69 kNm	421.52 kNm	0.00 kNm	0.00 kNm	618.21 kNm
2.22 m	205.29 kNm	431.77 kNm	0.00 kNm	0.00 kNm	637.06 kNm
1.59 m	213.97 kNm	442.02 kNm	0.00 kNm	0.00 kNm	655.98 kNm
1.24 m	218.88 kNm	447.76 kNm	0.00 kNm	0.00 kNm	666.64 kNm
0.97 m	222.78 kNm	452.28 kNm	0.00 kNm	0.00 kNm	675.05 kNm
0.34 m	231.69 kNm	462.54 kNm	0.00 kNm	0.00 kNm	694.23 kNm

NORTH EAST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.07 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.07 kNm
29.62 m	0.27 kNm	2.94 kNm	0.00 kNm	0.00 kNm	3.21 kNm
29.49 m	0.34 kNm	3.99 kNm	0.00 kNm	0.00 kNm	4.33 kNm
29.01 m	0.64 kNm	7.75 kNm	0.00 kNm	0.00 kNm	8.39 kNm
28.40 m	1.14 kNm	12.47 kNm	0.00 kNm	0.00 kNm	13.61 kNm
27.78 m	1.79 kNm	17.18 kNm	0.00 kNm	0.00 kNm	18.96 kNm
27.17 m	2.59 kNm	21.86 kNm	0.00 kNm	0.00 kNm	24.44 kNm
26.56 m	3.55 kNm	26.51 kNm	0.00 kNm	0.00 kNm	30.06 kNm
25.95 m	4.67 kNm	31.15 kNm	0.00 kNm	0.00 kNm	35.83 kNm
25.34 m	5.96 kNm	35.76 kNm	0.00 kNm	0.00 kNm	41.71 kNm
25.34 m	5.96 kNm	35.76 kNm	0.00 kNm	0.00 kNm	41.71 kNm
24.84 m	7.14 kNm	41.15 kNm	0.00 kNm	0.00 kNm	48.30 kNm
24.34 m	8.45 kNm	49.82 kNm	0.00 kNm	0.00 kNm	58.27 kNm
23.84 m	9.86 kNm	58.45 kNm	0.00 kNm	0.00 kNm	68.32 kNm
23.34 m	11.40 kNm	67.06 kNm	0.00 kNm	0.00 kNm	78.45 kNm
22.84 m	13.05 kNm	75.63 kNm	0.00 kNm	0.00 kNm	88.68 kNm
22.34 m	14.81 kNm	84.18 kNm	0.00 kNm	0.00 kNm	99.00 kNm
21.84 m	16.70 kNm	92.70 kNm	0.00 kNm	0.00 kNm	109.40 kNm
21.34 m	18.72 kNm	101.19 kNm	0.00 kNm	0.00 kNm	119.91 kNm
20.84 m	20.85 kNm	109.65 kNm	0.00 kNm	0.00 kNm	130.50 kNm
20.34 m	23.13 kNm	118.09 kNm	0.00 kNm	0.00 kNm	141.21 kNm
20.34 m	23.13 kNm	118.09 kNm	0.00 kNm	0.00 kNm	141.21 kNm
19.84 m	25.53 kNm	126.50 kNm	0.00 kNm	0.00 kNm	152.03 kNm
19.34 m	28.06 kNm	134.88 kNm	0.00 kNm	0.00 kNm	162.94 kNm
18.84 m	30.72 kNm	143.25 kNm	0.00 kNm	0.00 kNm	173.96 kNm
18.34 m	33.50 kNm	151.58 kNm	0.00 kNm	0.00 kNm	185.09 kNm
17.84 m	36.42 kNm	159.90 kNm	0.00 kNm	0.00 kNm	196.32 kNm
17.34 m	39.47 kNm	168.19 kNm	0.00 kNm	0.00 kNm	207.66 kNm
16.84 m	42.64 kNm	176.46 kNm	0.00 kNm	0.00 kNm	219.11 kNm
16.34 m	45.96 kNm	184.71 kNm	0.00 kNm	0.00 kNm	230.67 kNm
15.84 m	49.40 kNm	192.94 kNm	0.00 kNm	0.00 kNm	242.34 kNm
15.34 m	53.00 kNm	201.15 kNm	0.00 kNm	0.00 kNm	254.15 kNm
15.34 m	53.00 kNm	201.15 kNm	0.00 kNm	0.00 kNm	254.15 kNm
14.84 m	56.72 kNm	209.34 kNm	0.00 kNm	0.00 kNm	266.06 kNm
14.34 m	60.58 kNm	217.51 kNm	0.00 kNm	0.00 kNm	278.09 kNm
13.84 m	64.57 kNm	225.66 kNm	0.00 kNm	0.00 kNm	290.23 kNm
13.34 m	68.69 kNm	233.80 kNm	0.00 kNm	0.00 kNm	302.49 kNm
12.84 m	72.94 kNm	241.92 kNm	0.00 kNm	0.00 kNm	314.86 kNm
12.34 m	77.32 kNm	250.02 kNm	0.00 kNm	0.00 kNm	327.35 kNm
11.84 m	81.84 kNm	258.11 kNm	0.00 kNm	0.00 kNm	339.95 kNm
11.34 m	86.49 kNm	266.19 kNm	0.00 kNm	0.00 kNm	352.67 kNm
10.84 m	91.27 kNm	274.25 kNm	0.00 kNm	0.00 kNm	365.52 kNm
10.34 m	96.20 kNm	282.30 kNm	0.00 kNm	0.00 kNm	378.49 kNm
10.34 m	96.20 kNm	282.30 kNm	0.00 kNm	0.00 kNm	378.49 kNm
9.84 m	101.26 kNm	290.33 kNm	0.00 kNm	0.00 kNm	391.59 kNm
9.34 m	106.45 kNm	298.36 kNm	0.00 kNm	0.00 kNm	404.81 kNm
8.84 m	111.77 kNm	306.38 kNm	0.00 kNm	0.00 kNm	418.15 kNm
8.34 m	117.23 kNm	314.38 kNm	0.00 kNm	0.00 kNm	431.61 kNm
7.84 m	122.81 kNm	322.38 kNm	0.00 kNm	0.00 kNm	445.19 kNm
7.34 m	128.51 kNm	330.37 kNm	0.00 kNm	0.00 kNm	458.89 kNm
6.84 m	134.35 kNm	338.36 kNm	0.00 kNm	0.00 kNm	472.71 kNm
6.34 m	140.29 kNm	346.34 kNm	0.00 kNm	0.00 kNm	486.62 kNm
5.84 m	146.32 kNm	354.31 kNm	0.00 kNm	0.00 kNm	500.63 kNm
5.34 m	152.47 kNm	362.28 kNm	0.00 kNm	0.00 kNm	514.75 kNm
5.34 m	152.47 kNm	362.28 kNm	0.00 kNm	0.00 kNm	514.75 kNm
4.72 m	160.22 kNm	372.23 kNm	0.00 kNm	0.00 kNm	532.46 kNm
4.09 m	168.08 kNm	382.18 kNm	0.00 kNm	0.00 kNm	550.26 kNm
3.49 m	175.62 kNm	391.71 kNm	0.00 kNm	0.00 kNm	567.33 kNm
3.47 m	176.05 kNm	392.13 kNm	0.00 kNm	0.00 kNm	568.18 kNm
2.84 m	184.12 kNm	402.07 kNm	0.00 kNm	0.00 kNm	586.19 kNm
2.22 m	192.29 kNm	412.01 kNm	0.00 kNm	0.00 kNm	604.30 kNm
1.59 m	200.54 kNm	421.95 kNm	0.00 kNm	0.00 kNm	622.49 kNm
1.24 m	205.21 kNm	427.52 kNm	0.00 kNm	0.00 kNm	632.73 kNm
0.97 m	208.92 kNm	431.90 kNm	0.00 kNm	0.00 kNm	640.82 kNm
0.34 m	217.40 kNm	441.85 kNm	0.00 kNm	0.00 kNm	659.26 kNm

EAST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*

30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.09 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.09 kNm
29.62 m	0.33 kNm	3.42 kNm	0.00 kNm	0.00 kNm	3.76 kNm
29.49 m	0.43 kNm	4.64 kNm	0.00 kNm	0.00 kNm	5.07 kNm
29.01 m	0.80 kNm	9.03 kNm	0.00 kNm	0.00 kNm	9.83 kNm
28.40 m	1.42 kNm	14.53 kNm	0.00 kNm	0.00 kNm	15.95 kNm
27.78 m	2.24 kNm	20.00 kNm	0.00 kNm	0.00 kNm	22.23 kNm
27.17 m	3.24 kNm	25.44 kNm	0.00 kNm	0.00 kNm	28.69 kNm
26.56 m	4.45 kNm	30.86 kNm	0.00 kNm	0.00 kNm	35.31 kNm
25.95 m	5.86 kNm	36.26 kNm	0.00 kNm	0.00 kNm	42.11 kNm
25.34 m	7.46 kNm	41.61 kNm	0.00 kNm	0.00 kNm	49.07 kNm
25.34 m	7.46 kNm	41.61 kNm	0.00 kNm	0.00 kNm	49.07 kNm
24.84 m	8.96 kNm	48.16 kNm	0.00 kNm	0.00 kNm	57.11 kNm
24.34 m	10.59 kNm	59.08 kNm	0.00 kNm	0.00 kNm	69.67 kNm
23.84 m	12.37 kNm	69.96 kNm	0.00 kNm	0.00 kNm	82.33 kNm
23.34 m	14.30 kNm	80.80 kNm	0.00 kNm	0.00 kNm	95.10 kNm
22.84 m	16.38 kNm	91.60 kNm	0.00 kNm	0.00 kNm	107.98 kNm
22.34 m	18.60 kNm	102.36 kNm	0.00 kNm	0.00 kNm	120.97 kNm
21.84 m	20.99 kNm	113.09 kNm	0.00 kNm	0.00 kNm	134.08 kNm
21.34 m	23.52 kNm	123.78 kNm	0.00 kNm	0.00 kNm	147.30 kNm
20.84 m	26.22 kNm	134.43 kNm	0.00 kNm	0.00 kNm	160.65 kNm
20.34 m	29.09 kNm	145.05 kNm	0.00 kNm	0.00 kNm	174.14 kNm
20.34 m	29.09 kNm	145.05 kNm	0.00 kNm	0.00 kNm	174.14 kNm
19.84 m	32.13 kNm	155.63 kNm	0.00 kNm	0.00 kNm	187.76 kNm
19.34 m	35.33 kNm	166.18 kNm	0.00 kNm	0.00 kNm	201.51 kNm
18.84 m	38.70 kNm	176.69 kNm	0.00 kNm	0.00 kNm	215.39 kNm
18.34 m	42.24 kNm	187.18 kNm	0.00 kNm	0.00 kNm	229.41 kNm
17.84 m	45.94 kNm	197.63 kNm	0.00 kNm	0.00 kNm	243.57 kNm
17.34 m	49.81 kNm	208.06 kNm	0.00 kNm	0.00 kNm	257.87 kNm
16.84 m	53.86 kNm	218.45 kNm	0.00 kNm	0.00 kNm	272.31 kNm
16.34 m	58.07 kNm	228.82 kNm	0.00 kNm	0.00 kNm	286.89 kNm
15.84 m	62.47 kNm	239.16 kNm	0.00 kNm	0.00 kNm	301.63 kNm
15.34 m	67.05 kNm	249.48 kNm	0.00 kNm	0.00 kNm	316.53 kNm
15.34 m	67.05 kNm	249.48 kNm	0.00 kNm	0.00 kNm	316.53 kNm
14.84 m	71.81 kNm	259.77 kNm	0.00 kNm	0.00 kNm	331.58 kNm
14.34 m	76.74 kNm	270.03 kNm	0.00 kNm	0.00 kNm	346.77 kNm
13.84 m	81.84 kNm	280.27 kNm	0.00 kNm	0.00 kNm	362.11 kNm
13.34 m	87.11 kNm	290.49 kNm	0.00 kNm	0.00 kNm	377.61 kNm
12.84 m	92.56 kNm	300.69 kNm	0.00 kNm	0.00 kNm	393.25 kNm
12.34 m	98.18 kNm	310.87 kNm	0.00 kNm	0.00 kNm	409.05 kNm
11.84 m	103.98 kNm	321.03 kNm	0.00 kNm	0.00 kNm	425.01 kNm
11.34 m	109.95 kNm	331.17 kNm	0.00 kNm	0.00 kNm	441.12 kNm
10.84 m	116.10 kNm	341.30 kNm	0.00 kNm	0.00 kNm	457.39 kNm
10.34 m	122.44 kNm	351.40 kNm	0.00 kNm	0.00 kNm	473.85 kNm
10.34 m	122.44 kNm	351.40 kNm	0.00 kNm	0.00 kNm	473.85 kNm
9.84 m	128.96 kNm	361.50 kNm	0.00 kNm	0.00 kNm	490.46 kNm
9.34 m	135.66 kNm	371.58 kNm	0.00 kNm	0.00 kNm	507.24 kNm
8.84 m	142.54 kNm	381.64 kNm	0.00 kNm	0.00 kNm	524.18 kNm
8.34 m	149.59 kNm	391.70 kNm	0.00 kNm	0.00 kNm	541.29 kNm
7.84 m	156.81 kNm	401.75 kNm	0.00 kNm	0.00 kNm	558.56 kNm
7.34 m	164.21 kNm	411.78 kNm	0.00 kNm	0.00 kNm	575.99 kNm
6.84 m	171.78 kNm	421.81 kNm	0.00 kNm	0.00 kNm	593.59 kNm
6.34 m	179.52 kNm	431.83 kNm	0.00 kNm	0.00 kNm	611.35 kNm
5.84 m	187.43 kNm	441.85 kNm	0.00 kNm	0.00 kNm	629.28 kNm
5.34 m	195.56 kNm	451.87 kNm	0.00 kNm	0.00 kNm	647.43 kNm
5.34 m	195.56 kNm	451.87 kNm	0.00 kNm	0.00 kNm	647.43 kNm
4.72 m	205.90 kNm	464.37 kNm	0.00 kNm	0.00 kNm	670.27 kNm
4.09 m	216.48 kNm	476.87 kNm	0.00 kNm	0.00 kNm	693.35 kNm
3.49 m	226.74 kNm	488.85 kNm	0.00 kNm	0.00 kNm	715.59 kNm
3.47 m	227.32 kNm	489.37 kNm	0.00 kNm	0.00 kNm	716.70 kNm
2.84 m	238.38 kNm	501.87 kNm	0.00 kNm	0.00 kNm	740.25 kNm
2.22 m	249.62 kNm	514.37 kNm	0.00 kNm	0.00 kNm	764.00 kNm
1.59 m	261.01 kNm	526.88 kNm	0.00 kNm	0.00 kNm	787.89 kNm
1.24 m	267.47 kNm	533.88 kNm	0.00 kNm	0.00 kNm	801.36 kNm
0.97 m	272.59 kNm	539.39 kNm	0.00 kNm	0.00 kNm	811.98 kNm
0.34 m	284.28 kNm	551.92 kNm	0.00 kNm	0.00 kNm	836.20 kNm

SOUTH EAST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.13 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.13 kNm
29.62 m	0.47 kNm	5.48 kNm	0.00 kNm	0.00 kNm	5.95 kNm
29.49 m	0.60 kNm	7.41 kNm	0.00 kNm	0.00 kNm	8.02 kNm
29.01 m	1.13 kNm	14.42 kNm	0.00 kNm	0.00 kNm	15.55 kNm
28.40 m	2.02 kNm	23.19 kNm	0.00 kNm	0.00 kNm	25.20 kNm
27.78 m	3.17 kNm	31.91 kNm	0.00 kNm	0.00 kNm	35.08 kNm
27.17 m	4.59 kNm	40.59 kNm	0.00 kNm	0.00 kNm	45.18 kNm
26.56 m	6.30 kNm	49.22 kNm	0.00 kNm	0.00 kNm	55.51 kNm
25.95 m	8.28 kNm	57.81 kNm	0.00 kNm	0.00 kNm	66.09 kNm
25.34 m	10.56 kNm	66.33 kNm	0.00 kNm	0.00 kNm	76.88 kNm
25.34 m	10.56 kNm	66.33 kNm	0.00 kNm	0.00 kNm	76.88 kNm
24.84 m	12.66 kNm	75.87 kNm	0.00 kNm	0.00 kNm	88.54 kNm
24.34 m	14.97 kNm	90.57 kNm	0.00 kNm	0.00 kNm	105.54 kNm
23.84 m	17.48 kNm	105.20 kNm	0.00 kNm	0.00 kNm	122.68 kNm
23.34 m	20.19 kNm	119.78 kNm	0.00 kNm	0.00 kNm	139.97 kNm
22.84 m	23.12 kNm	134.29 kNm	0.00 kNm	0.00 kNm	157.41 kNm
22.34 m	26.25 kNm	148.75 kNm	0.00 kNm	0.00 kNm	175.00 kNm
21.84 m	29.60 kNm	163.15 kNm	0.00 kNm	0.00 kNm	192.75 kNm
21.34 m	33.17 kNm	177.49 kNm	0.00 kNm	0.00 kNm	210.66 kNm
20.84 m	36.95 kNm	191.79 kNm	0.00 kNm	0.00 kNm	228.74 kNm
20.34 m	40.99 kNm	206.02 kNm	0.00 kNm	0.00 kNm	247.02 kNm
20.34 m	40.99 kNm	206.02 kNm	0.00 kNm	0.00 kNm	247.02 kNm
19.84 m	45.26 kNm	220.21 kNm	0.00 kNm	0.00 kNm	265.47 kNm
19.34 m	49.75 kNm	234.35 kNm	0.00 kNm	0.00 kNm	284.10 kNm
18.84 m	54.48 kNm	248.44 kNm	0.00 kNm	0.00 kNm	302.92 kNm
18.34 m	59.43 kNm	262.48 kNm	0.00 kNm	0.00 kNm	321.92 kNm
17.84 m	64.62 kNm	276.48 kNm	0.00 kNm	0.00 kNm	341.10 kNm
17.34 m	70.05 kNm	290.44 kNm	0.00 kNm	0.00 kNm	360.49 kNm
16.84 m	75.72 kNm	304.35 kNm	0.00 kNm	0.00 kNm	380.06 kNm
16.34 m	81.62 kNm	318.22 kNm	0.00 kNm	0.00 kNm	399.84 kNm

15.84 m	87.77 kNm	332.05 kNm	0.00 kNm	0.00 kNm	419.82 kNm
15.34 m	94.18 kNm	345.85 kNm	0.00 kNm	0.00 kNm	440.03 kNm
15.34 m	94.18 kNm	345.85 kNm	0.00 kNm	0.00 kNm	440.03 kNm
14.84 m	100.84 kNm	359.60 kNm	0.00 kNm	0.00 kNm	460.44 kNm
14.34 m	107.73 kNm	373.33 kNm	0.00 kNm	0.00 kNm	481.06 kNm
13.84 m	114.86 kNm	387.02 kNm	0.00 kNm	0.00 kNm	501.88 kNm
13.34 m	122.23 kNm	400.68 kNm	0.00 kNm	0.00 kNm	522.90 kNm
12.84 m	129.83 kNm	414.30 kNm	0.00 kNm	0.00 kNm	544.14 kNm
12.34 m	137.68 kNm	427.90 kNm	0.00 kNm	0.00 kNm	565.59 kNm
11.84 m	145.78 kNm	441.47 kNm	0.00 kNm	0.00 kNm	587.25 kNm
11.34 m	154.11 kNm	455.02 kNm	0.00 kNm	0.00 kNm	609.13 kNm
10.84 m	162.69 kNm	468.54 kNm	0.00 kNm	0.00 kNm	631.24 kNm
10.34 m	171.54 kNm	482.05 kNm	0.00 kNm	0.00 kNm	653.59 kNm
10.34 m	171.54 kNm	482.05 kNm	0.00 kNm	0.00 kNm	653.59 kNm
9.84 m	180.64 kNm	495.53 kNm	0.00 kNm	0.00 kNm	676.17 kNm
9.34 m	189.98 kNm	508.99 kNm	0.00 kNm	0.00 kNm	698.97 kNm
8.84 m	199.57 kNm	522.44 kNm	0.00 kNm	0.00 kNm	722.00 kNm
8.34 m	209.39 kNm	535.87 kNm	0.00 kNm	0.00 kNm	745.26 kNm
7.84 m	219.46 kNm	549.29 kNm	0.00 kNm	0.00 kNm	768.75 kNm
7.34 m	229.76 kNm	562.70 kNm	0.00 kNm	0.00 kNm	792.46 kNm
6.84 m	240.31 kNm	576.10 kNm	0.00 kNm	0.00 kNm	816.41 kNm
6.34 m	251.04 kNm	589.49 kNm	0.00 kNm	0.00 kNm	840.53 kNm
5.84 m	261.91 kNm	602.88 kNm	0.00 kNm	0.00 kNm	864.79 kNm
5.34 m	272.98 kNm	616.27 kNm	0.00 kNm	0.00 kNm	889.25 kNm
5.34 m	272.98 kNm	616.27 kNm	0.00 kNm	0.00 kNm	889.25 kNm
4.72 m	286.91 kNm	632.99 kNm	0.00 kNm	0.00 kNm	919.90 kNm
4.09 m	300.99 kNm	649.71 kNm	0.00 kNm	0.00 kNm	950.70 kNm
3.49 m	314.48 kNm	665.74 kNm	0.00 kNm	0.00 kNm	980.21 kNm
3.47 m	315.25 kNm	666.43 kNm	0.00 kNm	0.00 kNm	981.68 kNm
2.84 m	329.65 kNm	683.16 kNm	0.00 kNm	0.00 kNm	1012.81 kNm
2.22 m	344.20 kNm	699.90 kNm	0.00 kNm	0.00 kNm	1044.10 kNm
1.59 m	358.86 kNm	716.64 kNm	0.00 kNm	0.00 kNm	1075.51 kNm
1.24 m	367.17 kNm	726.03 kNm	0.00 kNm	0.00 kNm	1093.20 kNm
0.97 m	373.74 kNm	733.41 kNm	0.00 kNm	0.00 kNm	1107.15 kNm
0.34 m	388.76 kNm	750.20 kNm	0.00 kNm	0.00 kNm	1138.96 kNm

SOUTH WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.10 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.10 kNm
29.62 m	0.39 kNm	4.75 kNm	0.00 kNm	0.00 kNm	5.14 kNm
29.49 m	0.49 kNm	6.43 kNm	0.00 kNm	0.00 kNm	6.92 kNm
29.01 m	0.92 kNm	12.50 kNm	0.00 kNm	0.00 kNm	13.42 kNm
28.40 m	1.64 kNm	20.10 kNm	0.00 kNm	0.00 kNm	21.75 kNm
27.78 m	2.58 kNm	27.67 kNm	0.00 kNm	0.00 kNm	30.25 kNm
27.17 m	3.74 kNm	35.21 kNm	0.00 kNm	0.00 kNm	38.94 kNm
26.56 m	5.12 kNm	42.70 kNm	0.00 kNm	0.00 kNm	47.82 kNm
25.95 m	6.74 kNm	50.16 kNm	0.00 kNm	0.00 kNm	56.90 kNm
25.34 m	8.59 kNm	57.56 kNm	0.00 kNm	0.00 kNm	66.15 kNm
25.34 m	8.59 kNm	57.56 kNm	0.00 kNm	0.00 kNm	66.15 kNm
24.84 m	10.30 kNm	65.60 kNm	0.00 kNm	0.00 kNm	75.90 kNm
24.34 m	12.18 kNm	77.56 kNm	0.00 kNm	0.00 kNm	89.73 kNm
23.84 m	14.22 kNm	89.47 kNm	0.00 kNm	0.00 kNm	103.69 kNm
23.34 m	16.42 kNm	101.34 kNm	0.00 kNm	0.00 kNm	117.76 kNm
22.84 m	18.80 kNm	113.16 kNm	0.00 kNm	0.00 kNm	131.96 kNm
22.34 m	21.34 kNm	124.94 kNm	0.00 kNm	0.00 kNm	146.28 kNm
21.84 m	24.06 kNm	136.67 kNm	0.00 kNm	0.00 kNm	160.74 kNm
21.34 m	26.96 kNm	148.37 kNm	0.00 kNm	0.00 kNm	175.32 kNm
20.84 m	30.03 kNm	160.02 kNm	0.00 kNm	0.00 kNm	190.04 kNm
20.34 m	33.30 kNm	171.63 kNm	0.00 kNm	0.00 kNm	204.93 kNm
20.34 m	33.30 kNm	171.63 kNm	0.00 kNm	0.00 kNm	204.93 kNm
19.84 m	36.75 kNm	183.20 kNm	0.00 kNm	0.00 kNm	219.95 kNm
19.34 m	40.39 kNm	194.73 kNm	0.00 kNm	0.00 kNm	235.12 kNm
18.84 m	44.21 kNm	206.23 kNm	0.00 kNm	0.00 kNm	250.44 kNm
18.34 m	48.22 kNm	217.69 kNm	0.00 kNm	0.00 kNm	265.90 kNm
17.84 m	52.41 kNm	229.11 kNm	0.00 kNm	0.00 kNm	281.52 kNm
17.34 m	56.79 kNm	240.51 kNm	0.00 kNm	0.00 kNm	297.29 kNm
16.84 m	61.36 kNm	251.87 kNm	0.00 kNm	0.00 kNm	313.22 kNm
16.34 m	66.12 kNm	263.19 kNm	0.00 kNm	0.00 kNm	329.31 kNm
15.84 m	71.07 kNm	274.49 kNm	0.00 kNm	0.00 kNm	345.56 kNm
15.34 m	76.24 kNm	285.76 kNm	0.00 kNm	0.00 kNm	362.00 kNm
15.34 m	76.24 kNm	285.76 kNm	0.00 kNm	0.00 kNm	362.00 kNm
14.84 m	81.59 kNm	297.00 kNm	0.00 kNm	0.00 kNm	378.59 kNm
14.34 m	87.14 kNm	308.21 kNm	0.00 kNm	0.00 kNm	395.35 kNm
13.84 m	92.87 kNm	319.40 kNm	0.00 kNm	0.00 kNm	412.27 kNm
13.34 m	98.79 kNm	330.56 kNm	0.00 kNm	0.00 kNm	429.35 kNm
12.84 m	104.90 kNm	341.70 kNm	0.00 kNm	0.00 kNm	446.60 kNm
12.34 m	111.20 kNm	352.82 kNm	0.00 kNm	0.00 kNm	464.02 kNm
11.84 m	117.70 kNm	363.91 kNm	0.00 kNm	0.00 kNm	481.61 kNm
11.34 m	124.38 kNm	374.98 kNm	0.00 kNm	0.00 kNm	499.36 kNm
10.84 m	131.26 kNm	386.04 kNm	0.00 kNm	0.00 kNm	517.30 kNm
10.34 m	138.35 kNm	397.08 kNm	0.00 kNm	0.00 kNm	535.43 kNm
10.34 m	138.35 kNm	397.08 kNm	0.00 kNm	0.00 kNm	535.43 kNm
9.84 m	145.63 kNm	408.10 kNm	0.00 kNm	0.00 kNm	553.73 kNm
9.34 m	153.11 kNm	419.11 kNm	0.00 kNm	0.00 kNm	572.22 kNm
8.84 m	160.77 kNm	430.10 kNm	0.00 kNm	0.00 kNm	590.88 kNm
8.34 m	168.63 kNm	441.09 kNm	0.00 kNm	0.00 kNm	609.71 kNm
7.84 m	176.67 kNm	452.06 kNm	0.00 kNm	0.00 kNm	628.73 kNm
7.34 m	184.90 kNm	463.02 kNm	0.00 kNm	0.00 kNm	647.92 kNm
6.84 m	193.31 kNm	473.97 kNm	0.00 kNm	0.00 kNm	667.29 kNm
6.34 m	201.87 kNm	484.92 kNm	0.00 kNm	0.00 kNm	686.79 kNm
5.84 m	210.52 kNm	495.86 kNm	0.00 kNm	0.00 kNm	706.38 kNm
5.34 m	219.32 kNm	506.81 kNm	0.00 kNm	0.00 kNm	726.13 kNm
5.34 m	219.32 kNm	506.81 kNm	0.00 kNm	0.00 kNm	726.13 kNm
4.72 m	230.37 kNm	520.47 kNm	0.00 kNm	0.00 kNm	750.85 kNm
4.09 m	241.53 kNm	534.14 kNm	0.00 kNm	0.00 kNm	775.67 kNm
3.49 m	252.20 kNm	547.23 kNm	0.00 kNm	0.00 kNm	799.43 kNm
3.47 m	252.81 kNm	547.80 kNm	0.00 kNm	0.00 kNm	800.61 kNm
2.84 m	264.20 kNm	561.46 kNm	0.00 kNm	0.00 kNm	825.66 kNm
2.22 m	275.70 kNm	575.13 kNm	0.00 kNm	0.00 kNm	850.83 kNm

1.59 m	287.28 kNm	588.81 kNm	0.00 kNm	0.00 kNm	876.09 kNm
1.24 m	293.84 kNm	596.47 kNm	0.00 kNm	0.00 kNm	890.31 kNm
0.97 m	299.03 kNm	602.50 kNm	0.00 kNm	0.00 kNm	901.52 kNm
0.34 m	310.89 kNm	616.20 kNm	0.00 kNm	0.00 kNm	927.09 kNm

SOUTH WEST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.08 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.08 kNm
29.62 m	0.30 kNm	3.34 kNm	0.00 kNm	0.00 kNm	3.64 kNm
29.49 m	0.39 kNm	4.52 kNm	0.00 kNm	0.00 kNm	4.91 kNm
29.01 m	0.72 kNm	8.79 kNm	0.00 kNm	0.00 kNm	9.51 kNm
28.40 m	1.29 kNm	14.14 kNm	0.00 kNm	0.00 kNm	15.43 kNm
27.78 m	2.03 kNm	19.47 kNm	0.00 kNm	0.00 kNm	21.49 kNm
27.17 m	2.94 kNm	24.76 kNm	0.00 kNm	0.00 kNm	27.70 kNm
26.56 m	4.03 kNm	30.04 kNm	0.00 kNm	0.00 kNm	34.07 kNm
25.95 m	5.30 kNm	35.29 kNm	0.00 kNm	0.00 kNm	40.58 kNm
25.34 m	6.74 kNm	40.50 kNm	0.00 kNm	0.00 kNm	47.24 kNm
25.34 m	6.74 kNm	40.50 kNm	0.00 kNm	0.00 kNm	47.24 kNm
24.84 m	8.08 kNm	46.57 kNm	0.00 kNm	0.00 kNm	54.66 kNm
24.34 m	9.55 kNm	56.28 kNm	0.00 kNm	0.00 kNm	65.83 kNm
23.84 m	11.14 kNm	65.95 kNm	0.00 kNm	0.00 kNm	77.10 kNm
23.34 m	12.86 kNm	75.59 kNm	0.00 kNm	0.00 kNm	88.46 kNm
22.84 m	14.72 kNm	85.19 kNm	0.00 kNm	0.00 kNm	99.91 kNm
22.34 m	16.70 kNm	94.76 kNm	0.00 kNm	0.00 kNm	111.46 kNm
21.84 m	18.82 kNm	104.29 kNm	0.00 kNm	0.00 kNm	123.11 kNm
21.34 m	21.07 kNm	113.79 kNm	0.00 kNm	0.00 kNm	134.86 kNm
20.84 m	23.46 kNm	123.26 kNm	0.00 kNm	0.00 kNm	146.72 kNm
20.34 m	26.01 kNm	132.69 kNm	0.00 kNm	0.00 kNm	158.70 kNm
20.34 m	26.01 kNm	132.69 kNm	0.00 kNm	0.00 kNm	158.70 kNm
19.84 m	28.69 kNm	142.09 kNm	0.00 kNm	0.00 kNm	170.79 kNm
19.34 m	31.52 kNm	151.47 kNm	0.00 kNm	0.00 kNm	182.99 kNm
18.84 m	34.48 kNm	160.81 kNm	0.00 kNm	0.00 kNm	195.30 kNm
18.34 m	37.59 kNm	170.13 kNm	0.00 kNm	0.00 kNm	207.72 kNm
17.84 m	40.84 kNm	179.42 kNm	0.00 kNm	0.00 kNm	220.26 kNm
17.34 m	44.24 kNm	188.68 kNm	0.00 kNm	0.00 kNm	232.91 kNm
16.84 m	47.77 kNm	197.91 kNm	0.00 kNm	0.00 kNm	245.69 kNm
16.34 m	51.45 kNm	207.12 kNm	0.00 kNm	0.00 kNm	258.58 kNm
15.84 m	55.28 kNm	216.31 kNm	0.00 kNm	0.00 kNm	271.59 kNm
15.34 m	59.27 kNm	225.47 kNm	0.00 kNm	0.00 kNm	284.74 kNm
15.34 m	59.27 kNm	225.47 kNm	0.00 kNm	0.00 kNm	284.74 kNm
14.84 m	63.40 kNm	234.61 kNm	0.00 kNm	0.00 kNm	298.01 kNm
14.34 m	67.67 kNm	243.73 kNm	0.00 kNm	0.00 kNm	311.40 kNm
13.84 m	72.08 kNm	252.82 kNm	0.00 kNm	0.00 kNm	324.90 kNm
13.34 m	76.63 kNm	261.90 kNm	0.00 kNm	0.00 kNm	338.53 kNm
12.84 m	81.33 kNm	270.95 kNm	0.00 kNm	0.00 kNm	352.28 kNm
12.34 m	86.16 kNm	279.99 kNm	0.00 kNm	0.00 kNm	366.15 kNm
11.84 m	91.13 kNm	289.01 kNm	0.00 kNm	0.00 kNm	380.14 kNm
11.34 m	96.25 kNm	298.01 kNm	0.00 kNm	0.00 kNm	394.26 kNm
10.84 m	101.50 kNm	306.99 kNm	0.00 kNm	0.00 kNm	408.50 kNm
10.34 m	106.92 kNm	315.96 kNm	0.00 kNm	0.00 kNm	422.88 kNm
10.34 m	106.92 kNm	315.96 kNm	0.00 kNm	0.00 kNm	422.88 kNm
9.84 m	112.47 kNm	324.92 kNm	0.00 kNm	0.00 kNm	437.39 kNm
9.34 m	118.16 kNm	333.86 kNm	0.00 kNm	0.00 kNm	452.03 kNm
8.84 m	124.00 kNm	342.80 kNm	0.00 kNm	0.00 kNm	466.80 kNm
8.34 m	129.98 kNm	351.72 kNm	0.00 kNm	0.00 kNm	481.69 kNm
7.84 m	136.09 kNm	360.63 kNm	0.00 kNm	0.00 kNm	496.72 kNm
7.34 m	142.36 kNm	369.53 kNm	0.00 kNm	0.00 kNm	511.88 kNm
6.84 m	148.76 kNm	378.42 kNm	0.00 kNm	0.00 kNm	527.18 kNm
6.34 m	155.29 kNm	387.30 kNm	0.00 kNm	0.00 kNm	542.59 kNm
5.84 m	161.89 kNm	396.18 kNm	0.00 kNm	0.00 kNm	558.08 kNm
5.34 m	168.63 kNm	405.06 kNm	0.00 kNm	0.00 kNm	573.69 kNm
5.34 m	168.63 kNm	405.06 kNm	0.00 kNm	0.00 kNm	573.69 kNm
4.72 m	177.09 kNm	416.14 kNm	0.00 kNm	0.00 kNm	593.23 kNm
4.09 m	185.65 kNm	427.22 kNm	0.00 kNm	0.00 kNm	612.87 kNm
3.49 m	193.84 kNm	437.83 kNm	0.00 kNm	0.00 kNm	631.68 kNm
3.47 m	194.32 kNm	438.29 kNm	0.00 kNm	0.00 kNm	632.62 kNm
2.84 m	203.09 kNm	449.37 kNm	0.00 kNm	0.00 kNm	652.45 kNm
2.22 m	211.95 kNm	460.44 kNm	0.00 kNm	0.00 kNm	672.39 kNm
1.59 m	220.90 kNm	471.50 kNm	0.00 kNm	0.00 kNm	692.40 kNm
1.24 m	225.96 kNm	477.71 kNm	0.00 kNm	0.00 kNm	703.67 kNm
0.97 m	229.98 kNm	482.58 kNm	0.00 kNm	0.00 kNm	712.56 kNm
0.34 m	239.16 kNm	493.66 kNm	0.00 kNm	0.00 kNm	732.82 kNm

WEST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.08 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.08 kNm
29.62 m	0.28 kNm	2.88 kNm	0.00 kNm	0.00 kNm	3.16 kNm
29.49 m	0.36 kNm	3.90 kNm	0.00 kNm	0.00 kNm	4.26 kNm
29.01 m	0.67 kNm	7.59 kNm	0.00 kNm	0.00 kNm	8.26 kNm
28.40 m	1.19 kNm	12.22 kNm	0.00 kNm	0.00 kNm	13.40 kNm
27.78 m	1.86 kNm	16.82 kNm	0.00 kNm	0.00 kNm	18.68 kNm
27.17 m	2.70 kNm	21.40 kNm	0.00 kNm	0.00 kNm	24.09 kNm
26.56 m	3.69 kNm	25.96 kNm	0.00 kNm	0.00 kNm	29.65 kNm
25.95 m	4.85 kNm	30.49 kNm	0.00 kNm	0.00 kNm	35.35 kNm
25.34 m	6.18 kNm	35.00 kNm	0.00 kNm	0.00 kNm	41.17 kNm
25.34 m	6.18 kNm	35.00 kNm	0.00 kNm	0.00 kNm	41.17 kNm
24.84 m	7.40 kNm	40.43 kNm	0.00 kNm	0.00 kNm	47.84 kNm
24.34 m	8.74 kNm	49.40 kNm	0.00 kNm	0.00 kNm	58.14 kNm
23.84 m	10.19 kNm	58.33 kNm	0.00 kNm	0.00 kNm	68.52 kNm
23.34 m	11.76 kNm	67.22 kNm	0.00 kNm	0.00 kNm	78.99 kNm
22.84 m	13.45 kNm	76.09 kNm	0.00 kNm	0.00 kNm	89.54 kNm
22.34 m	15.26 kNm	84.92 kNm	0.00 kNm	0.00 kNm	100.18 kNm
21.84 m	17.19 kNm	93.73 kNm	0.00 kNm	0.00 kNm	110.91 kNm
21.34 m	19.23 kNm	102.50 kNm	0.00 kNm	0.00 kNm	121.73 kNm
20.84 m	21.40 kNm	111.24 kNm	0.00 kNm	0.00 kNm	132.65 kNm
20.34 m	23.71 kNm	119.96 kNm	0.00 kNm	0.00 kNm	143.67 kNm
20.34 m	23.71 kNm	119.96 kNm	0.00 kNm	0.00 kNm	143.67 kNm

19.84 m	26.15 kNm	128.64 kNm	0.00 kNm	0.00 kNm	154.79 kNm
19.34 m	28.71 kNm	137.30 kNm	0.00 kNm	0.00 kNm	166.01 kNm
18.84 m	31.40 kNm	145.94 kNm	0.00 kNm	0.00 kNm	177.33 kNm
18.34 m	34.21 kNm	154.55 kNm	0.00 kNm	0.00 kNm	188.75 kNm
17.84 m	37.14 kNm	163.13 kNm	0.00 kNm	0.00 kNm	200.27 kNm
17.34 m	40.21 kNm	171.69 kNm	0.00 kNm	0.00 kNm	211.89 kNm
16.84 m	43.40 kNm	180.22 kNm	0.00 kNm	0.00 kNm	223.62 kNm
16.34 m	46.72 kNm	188.73 kNm	0.00 kNm	0.00 kNm	235.45 kNm
15.84 m	50.16 kNm	197.22 kNm	0.00 kNm	0.00 kNm	247.38 kNm
15.34 m	53.75 kNm	205.69 kNm	0.00 kNm	0.00 kNm	259.44 kNm
15.34 m	53.75 kNm	205.69 kNm	0.00 kNm	0.00 kNm	259.44 kNm
14.84 m	57.46 kNm	214.13 kNm	0.00 kNm	0.00 kNm	271.59 kNm
14.34 m	61.29 kNm	222.56 kNm	0.00 kNm	0.00 kNm	283.85 kNm
13.84 m	65.25 kNm	230.97 kNm	0.00 kNm	0.00 kNm	296.21 kNm
13.34 m	69.32 kNm	239.35 kNm	0.00 kNm	0.00 kNm	308.68 kNm
12.84 m	73.52 kNm	247.72 kNm	0.00 kNm	0.00 kNm	321.24 kNm
12.34 m	77.84 kNm	256.08 kNm	0.00 kNm	0.00 kNm	333.91 kNm
11.84 m	82.28 kNm	264.41 kNm	0.00 kNm	0.00 kNm	346.69 kNm
11.34 m	86.84 kNm	272.73 kNm	0.00 kNm	0.00 kNm	359.57 kNm
10.84 m	91.52 kNm	281.04 kNm	0.00 kNm	0.00 kNm	372.55 kNm
10.34 m	96.33 kNm	289.33 kNm	0.00 kNm	0.00 kNm	385.66 kNm
10.34 m	96.33 kNm	289.33 kNm	0.00 kNm	0.00 kNm	385.66 kNm
9.84 m	101.26 kNm	297.60 kNm	0.00 kNm	0.00 kNm	398.87 kNm
9.34 m	106.31 kNm	305.87 kNm	0.00 kNm	0.00 kNm	412.18 kNm
8.84 m	111.46 kNm	314.13 kNm	0.00 kNm	0.00 kNm	425.59 kNm
8.34 m	116.72 kNm	322.37 kNm	0.00 kNm	0.00 kNm	439.09 kNm
7.84 m	122.08 kNm	330.60 kNm	0.00 kNm	0.00 kNm	452.68 kNm
7.34 m	127.54 kNm	338.83 kNm	0.00 kNm	0.00 kNm	466.37 kNm
6.84 m	133.11 kNm	347.05 kNm	0.00 kNm	0.00 kNm	480.16 kNm
6.34 m	138.77 kNm	355.26 kNm	0.00 kNm	0.00 kNm	494.02 kNm
5.84 m	144.50 kNm	363.46 kNm	0.00 kNm	0.00 kNm	507.96 kNm
5.34 m	150.35 kNm	371.66 kNm	0.00 kNm	0.00 kNm	522.01 kNm
5.34 m	150.35 kNm	371.66 kNm	0.00 kNm	0.00 kNm	522.01 kNm
4.72 m	157.72 kNm	381.90 kNm	0.00 kNm	0.00 kNm	539.62 kNm
4.09 m	165.17 kNm	392.13 kNm	0.00 kNm	0.00 kNm	557.31 kNm
3.49 m	172.31 kNm	401.94 kNm	0.00 kNm	0.00 kNm	574.25 kNm
3.47 m	172.74 kNm	402.36 kNm	0.00 kNm	0.00 kNm	575.10 kNm
2.84 m	180.39 kNm	412.59 kNm	0.00 kNm	0.00 kNm	592.98 kNm
2.22 m	188.14 kNm	422.81 kNm	0.00 kNm	0.00 kNm	610.95 kNm
1.59 m	195.98 kNm	433.03 kNm	0.00 kNm	0.00 kNm	629.01 kNm
1.24 m	200.42 kNm	438.76 kNm	0.00 kNm	0.00 kNm	639.18 kNm
0.97 m	203.94 kNm	443.26 kNm	0.00 kNm	0.00 kNm	647.20 kNm
0.34 m	212.01 kNm	453.49 kNm	0.00 kNm	0.00 kNm	665.50 kNm

NORTH WEST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.08 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.08 kNm
29.62 m	0.31 kNm	3.64 kNm	0.00 kNm	0.00 kNm	3.95 kNm
29.49 m	0.40 kNm	4.92 kNm	0.00 kNm	0.00 kNm	5.32 kNm
29.01 m	0.74 kNm	9.57 kNm	0.00 kNm	0.00 kNm	10.31 kNm
28.40 m	1.32 kNm	15.40 kNm	0.00 kNm	0.00 kNm	16.71 kNm
27.78 m	2.07 kNm	21.19 kNm	0.00 kNm	0.00 kNm	23.26 kNm
27.17 m	3.00 kNm	26.97 kNm	0.00 kNm	0.00 kNm	29.96 kNm
26.56 m	4.11 kNm	32.71 kNm	0.00 kNm	0.00 kNm	36.81 kNm
25.95 m	5.40 kNm	38.42 kNm	0.00 kNm	0.00 kNm	43.82 kNm
25.34 m	6.87 kNm	44.10 kNm	0.00 kNm	0.00 kNm	50.97 kNm
25.34 m	6.87 kNm	44.10 kNm	0.00 kNm	0.00 kNm	50.97 kNm
24.84 m	8.23 kNm	50.40 kNm	0.00 kNm	0.00 kNm	58.63 kNm
24.34 m	9.72 kNm	60.01 kNm	0.00 kNm	0.00 kNm	69.73 kNm
23.84 m	11.34 kNm	69.59 kNm	0.00 kNm	0.00 kNm	80.92 kNm
23.34 m	13.08 kNm	79.13 kNm	0.00 kNm	0.00 kNm	92.21 kNm
22.84 m	14.96 kNm	88.63 kNm	0.00 kNm	0.00 kNm	103.59 kNm
22.34 m	16.97 kNm	98.10 kNm	0.00 kNm	0.00 kNm	115.07 kNm
21.84 m	19.12 kNm	107.53 kNm	0.00 kNm	0.00 kNm	126.65 kNm
21.34 m	21.40 kNm	116.94 kNm	0.00 kNm	0.00 kNm	138.33 kNm
20.84 m	23.81 kNm	126.30 kNm	0.00 kNm	0.00 kNm	150.12 kNm
20.34 m	26.39 kNm	135.64 kNm	0.00 kNm	0.00 kNm	162.03 kNm
20.34 m	26.39 kNm	135.64 kNm	0.00 kNm	0.00 kNm	162.03 kNm
19.84 m	29.10 kNm	144.95 kNm	0.00 kNm	0.00 kNm	174.05 kNm
19.34 m	31.95 kNm	154.22 kNm	0.00 kNm	0.00 kNm	186.18 kNm
18.84 m	34.94 kNm	163.47 kNm	0.00 kNm	0.00 kNm	198.42 kNm
18.34 m	38.08 kNm	172.69 kNm	0.00 kNm	0.00 kNm	210.77 kNm
17.84 m	41.35 kNm	181.88 kNm	0.00 kNm	0.00 kNm	223.23 kNm
17.34 m	44.77 kNm	191.05 kNm	0.00 kNm	0.00 kNm	235.81 kNm
16.84 m	48.33 kNm	200.18 kNm	0.00 kNm	0.00 kNm	248.51 kNm
16.34 m	52.03 kNm	209.30 kNm	0.00 kNm	0.00 kNm	261.33 kNm
15.84 m	55.87 kNm	218.39 kNm	0.00 kNm	0.00 kNm	274.26 kNm
15.34 m	59.87 kNm	227.45 kNm	0.00 kNm	0.00 kNm	287.33 kNm
15.34 m	59.87 kNm	227.45 kNm	0.00 kNm	0.00 kNm	287.33 kNm
14.84 m	64.02 kNm	236.49 kNm	0.00 kNm	0.00 kNm	300.51 kNm
14.34 m	68.30 kNm	245.51 kNm	0.00 kNm	0.00 kNm	313.81 kNm
13.84 m	72.71 kNm	254.51 kNm	0.00 kNm	0.00 kNm	327.22 kNm
13.34 m	77.27 kNm	263.49 kNm	0.00 kNm	0.00 kNm	340.76 kNm
12.84 m	81.96 kNm	272.45 kNm	0.00 kNm	0.00 kNm	354.41 kNm
12.34 m	86.79 kNm	281.39 kNm	0.00 kNm	0.00 kNm	368.17 kNm
11.84 m	91.75 kNm	290.31 kNm	0.00 kNm	0.00 kNm	382.06 kNm
11.34 m	96.85 kNm	299.21 kNm	0.00 kNm	0.00 kNm	396.06 kNm
10.84 m	102.09 kNm	308.10 kNm	0.00 kNm	0.00 kNm	410.19 kNm
10.34 m	107.47 kNm	316.97 kNm	0.00 kNm	0.00 kNm	424.45 kNm
10.34 m	107.47 kNm	316.97 kNm	0.00 kNm	0.00 kNm	424.45 kNm
9.84 m	113.00 kNm	325.83 kNm	0.00 kNm	0.00 kNm	438.83 kNm
9.34 m	118.65 kNm	334.68 kNm	0.00 kNm	0.00 kNm	453.33 kNm
8.84 m	124.41 kNm	343.52 kNm	0.00 kNm	0.00 kNm	467.93 kNm
8.34 m	130.30 kNm	352.34 kNm	0.00 kNm	0.00 kNm	482.64 kNm
7.84 m	136.30 kNm	361.15 kNm	0.00 kNm	0.00 kNm	497.45 kNm
7.34 m	142.41 kNm	369.96 kNm	0.00 kNm	0.00 kNm	512.37 kNm
6.84 m	148.64 kNm	378.75 kNm	0.00 kNm	0.00 kNm	527.40 kNm
6.34 m	154.97 kNm	387.54 kNm	0.00 kNm	0.00 kNm	542.51 kNm
5.84 m	161.38 kNm	396.32 kNm	0.00 kNm	0.00 kNm	557.70 kNm
5.34 m	167.91 kNm	405.11 kNm	0.00 kNm	0.00 kNm	573.02 kNm

5.34 m	167.91 kNm	405.11 kNm	0.00 kNm	0.00 kNm	573.02 kNm
4.72 m	176.12 kNm	416.07 kNm	0.00 kNm	0.00 kNm	592.19 kNm
4.09 m	184.43 kNm	427.03 kNm	0.00 kNm	0.00 kNm	611.46 kNm
3.49 m	192.39 kNm	437.52 kNm	0.00 kNm	0.00 kNm	629.91 kNm
3.47 m	192.85 kNm	437.98 kNm	0.00 kNm	0.00 kNm	630.83 kNm
2.84 m	201.37 kNm	448.93 kNm	0.00 kNm	0.00 kNm	650.30 kNm
2.22 m	209.98 kNm	459.88 kNm	0.00 kNm	0.00 kNm	669.86 kNm
1.59 m	218.67 kNm	470.83 kNm	0.00 kNm	0.00 kNm	689.51 kNm
1.24 m	223.60 kNm	476.97 kNm	0.00 kNm	0.00 kNm	700.57 kNm
0.97 m	227.51 kNm	481.79 kNm	0.00 kNm	0.00 kNm	709.30 kNm
0.34 m	236.45 kNm	492.75 kNm	0.00 kNm	0.00 kNm	729.20 kNm

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.08 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.08 kNm
29.62 m	0.29 kNm	3.59 kNm	0.00 kNm	0.00 kNm	3.87 kNm
29.49 m	0.36 kNm	4.83 kNm	0.00 kNm	0.00 kNm	5.19 kNm
29.01 m	0.67 kNm	9.40 kNm	0.00 kNm	0.00 kNm	10.07 kNm
28.40 m	1.20 kNm	15.13 kNm	0.00 kNm	0.00 kNm	16.33 kNm
27.78 m	1.89 kNm	20.83 kNm	0.00 kNm	0.00 kNm	22.72 kNm
27.17 m	2.74 kNm	26.51 kNm	0.00 kNm	0.00 kNm	29.25 kNm
26.56 m	3.76 kNm	32.17 kNm	0.00 kNm	0.00 kNm	35.93 kNm
25.95 m	4.94 kNm	37.80 kNm	0.00 kNm	0.00 kNm	42.74 kNm
25.34 m	6.30 kNm	43.39 kNm	0.00 kNm	0.00 kNm	49.69 kNm
25.34 m	6.30 kNm	43.39 kNm	0.00 kNm	0.00 kNm	49.69 kNm
24.84 m	7.56 kNm	49.40 kNm	0.00 kNm	0.00 kNm	56.96 kNm
24.34 m	8.93 kNm	58.30 kNm	0.00 kNm	0.00 kNm	67.23 kNm
23.84 m	10.42 kNm	67.17 kNm	0.00 kNm	0.00 kNm	77.59 kNm
23.34 m	12.04 kNm	76.00 kNm	0.00 kNm	0.00 kNm	88.04 kNm
22.84 m	13.78 kNm	84.81 kNm	0.00 kNm	0.00 kNm	98.59 kNm
22.34 m	15.64 kNm	93.59 kNm	0.00 kNm	0.00 kNm	109.23 kNm
21.84 m	17.63 kNm	102.34 kNm	0.00 kNm	0.00 kNm	119.97 kNm
21.34 m	19.76 kNm	111.06 kNm	0.00 kNm	0.00 kNm	130.81 kNm
20.84 m	22.01 kNm	119.75 kNm	0.00 kNm	0.00 kNm	141.76 kNm
20.34 m	24.40 kNm	128.41 kNm	0.00 kNm	0.00 kNm	152.82 kNm
20.34 m	24.40 kNm	128.41 kNm	0.00 kNm	0.00 kNm	152.82 kNm
19.84 m	26.93 kNm	137.05 kNm	0.00 kNm	0.00 kNm	163.99 kNm
19.34 m	29.60 kNm	145.67 kNm	0.00 kNm	0.00 kNm	175.27 kNm
18.84 m	32.40 kNm	154.26 kNm	0.00 kNm	0.00 kNm	186.66 kNm
18.34 m	35.34 kNm	162.82 kNm	0.00 kNm	0.00 kNm	198.16 kNm
17.84 m	38.41 kNm	171.37 kNm	0.00 kNm	0.00 kNm	209.78 kNm
17.34 m	41.63 kNm	179.88 kNm	0.00 kNm	0.00 kNm	221.51 kNm
16.84 m	44.98 kNm	188.38 kNm	0.00 kNm	0.00 kNm	233.36 kNm
16.34 m	48.48 kNm	196.86 kNm	0.00 kNm	0.00 kNm	245.33 kNm
15.84 m	52.11 kNm	205.31 kNm	0.00 kNm	0.00 kNm	257.43 kNm
15.34 m	55.91 kNm	213.75 kNm	0.00 kNm	0.00 kNm	269.66 kNm
15.34 m	55.91 kNm	213.75 kNm	0.00 kNm	0.00 kNm	269.66 kNm
14.84 m	59.84 kNm	222.17 kNm	0.00 kNm	0.00 kNm	282.01 kNm
14.34 m	63.92 kNm	230.57 kNm	0.00 kNm	0.00 kNm	294.48 kNm
13.84 m	68.13 kNm	238.95 kNm	0.00 kNm	0.00 kNm	307.08 kNm
13.34 m	72.49 kNm	247.31 kNm	0.00 kNm	0.00 kNm	319.80 kNm
12.84 m	76.98 kNm	255.66 kNm	0.00 kNm	0.00 kNm	332.64 kNm
12.34 m	81.62 kNm	263.99 kNm	0.00 kNm	0.00 kNm	345.61 kNm
11.84 m	86.40 kNm	272.31 kNm	0.00 kNm	0.00 kNm	358.71 kNm
11.34 m	91.33 kNm	280.61 kNm	0.00 kNm	0.00 kNm	371.94 kNm
10.84 m	96.39 kNm	288.91 kNm	0.00 kNm	0.00 kNm	385.30 kNm
10.34 m	101.62 kNm	297.18 kNm	0.00 kNm	0.00 kNm	398.80 kNm
10.34 m	101.62 kNm	297.18 kNm	0.00 kNm	0.00 kNm	398.80 kNm
9.84 m	106.98 kNm	305.45 kNm	0.00 kNm	0.00 kNm	412.44 kNm
9.34 m	112.49 kNm	313.71 kNm	0.00 kNm	0.00 kNm	426.20 kNm
8.84 m	118.14 kNm	321.96 kNm	0.00 kNm	0.00 kNm	440.10 kNm
8.34 m	123.92 kNm	330.20 kNm	0.00 kNm	0.00 kNm	454.12 kNm
7.84 m	129.85 kNm	338.43 kNm	0.00 kNm	0.00 kNm	468.28 kNm
7.34 m	135.91 kNm	346.66 kNm	0.00 kNm	0.00 kNm	482.57 kNm
6.84 m	142.11 kNm	354.87 kNm	0.00 kNm	0.00 kNm	496.99 kNm
6.34 m	148.42 kNm	363.09 kNm	0.00 kNm	0.00 kNm	511.51 kNm
5.84 m	154.81 kNm	371.30 kNm	0.00 kNm	0.00 kNm	526.10 kNm
5.34 m	161.30 kNm	379.50 kNm	0.00 kNm	0.00 kNm	540.80 kNm
5.34 m	161.30 kNm	379.50 kNm	0.00 kNm	0.00 kNm	540.80 kNm
4.72 m	169.47 kNm	389.75 kNm	0.00 kNm	0.00 kNm	559.23 kNm
4.09 m	177.74 kNm	400.00 kNm	0.00 kNm	0.00 kNm	577.74 kNm
3.49 m	185.68 kNm	409.83 kNm	0.00 kNm	0.00 kNm	595.51 kNm
3.47 m	186.11 kNm	410.25 kNm	0.00 kNm	0.00 kNm	596.36 kNm
2.84 m	194.59 kNm	420.49 kNm	0.00 kNm	0.00 kNm	615.08 kNm
2.22 m	203.16 kNm	430.74 kNm	0.00 kNm	0.00 kNm	633.91 kNm
1.59 m	211.84 kNm	440.99 kNm	0.00 kNm	0.00 kNm	652.83 kNm
1.24 m	216.75 kNm	446.73 kNm	0.00 kNm	0.00 kNm	663.49 kNm
0.97 m	220.64 kNm	451.25 kNm	0.00 kNm	0.00 kNm	671.89 kNm
0.34 m	229.56 kNm	461.51 kNm	0.00 kNm	0.00 kNm	691.07 kNm

NORTH EAST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.07 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.07 kNm
29.62 m	0.26 kNm	2.94 kNm	0.00 kNm	0.00 kNm	3.20 kNm
29.49 m	0.33 kNm	3.96 kNm	0.00 kNm	0.00 kNm	4.30 kNm
29.01 m	0.62 kNm	7.71 kNm	0.00 kNm	0.00 kNm	8.33 kNm
28.40 m	1.11 kNm	12.41 kNm	0.00 kNm	0.00 kNm	13.52 kNm
27.78 m	1.75 kNm	17.09 kNm	0.00 kNm	0.00 kNm	18.84 kNm
27.17 m	2.54 kNm	21.75 kNm	0.00 kNm	0.00 kNm	24.28 kNm
26.56 m	3.48 kNm	26.39 kNm	0.00 kNm	0.00 kNm	29.87 kNm
25.95 m	4.58 kNm	31.01 kNm	0.00 kNm	0.00 kNm	35.59 kNm
25.34 m	5.84 kNm	35.60 kNm	0.00 kNm	0.00 kNm	41.44 kNm
25.34 m	5.84 kNm	35.60 kNm	0.00 kNm	0.00 kNm	41.44 kNm
24.84 m	7.01 kNm	40.96 kNm	0.00 kNm	0.00 kNm	47.96 kNm
24.34 m	8.29 kNm	49.58 kNm	0.00 kNm	0.00 kNm	57.87 kNm

23.84 m	9.68 kNm	58.18 kNm	0.00 kNm	0.00 kNm	67.86 kNm
23.34 m	11.18 kNm	66.76 kNm	0.00 kNm	0.00 kNm	77.94 kNm
22.84 m	12.80 kNm	75.30 kNm	0.00 kNm	0.00 kNm	88.10 kNm
22.34 m	14.54 kNm	83.81 kNm	0.00 kNm	0.00 kNm	98.35 kNm
21.84 m	16.40 kNm	92.30 kNm	0.00 kNm	0.00 kNm	108.70 kNm
21.34 m	18.37 kNm	100.76 kNm	0.00 kNm	0.00 kNm	119.13 kNm
20.84 m	20.47 kNm	109.19 kNm	0.00 kNm	0.00 kNm	129.67 kNm
20.34 m	22.71 kNm	117.60 kNm	0.00 kNm	0.00 kNm	140.31 kNm
20.34 m	22.71 kNm	117.60 kNm	0.00 kNm	0.00 kNm	140.31 kNm
19.84 m	25.07 kNm	125.99 kNm	0.00 kNm	0.00 kNm	151.06 kNm
19.34 m	27.56 kNm	134.35 kNm	0.00 kNm	0.00 kNm	161.90 kNm
18.84 m	30.17 kNm	142.68 kNm	0.00 kNm	0.00 kNm	172.85 kNm
18.34 m	32.91 kNm	150.99 kNm	0.00 kNm	0.00 kNm	183.90 kNm
17.84 m	35.78 kNm	159.29 kNm	0.00 kNm	0.00 kNm	195.06 kNm
17.34 m	38.78 kNm	167.55 kNm	0.00 kNm	0.00 kNm	206.33 kNm
16.84 m	41.91 kNm	175.80 kNm	0.00 kNm	0.00 kNm	217.71 kNm
16.34 m	45.17 kNm	184.03 kNm	0.00 kNm	0.00 kNm	229.20 kNm
15.84 m	48.57 kNm	192.24 kNm	0.00 kNm	0.00 kNm	240.81 kNm
15.34 m	52.11 kNm	200.43 kNm	0.00 kNm	0.00 kNm	252.54 kNm
15.34 m	52.11 kNm	200.43 kNm	0.00 kNm	0.00 kNm	252.54 kNm
14.84 m	55.78 kNm	208.60 kNm	0.00 kNm	0.00 kNm	264.38 kNm
14.34 m	59.58 kNm	216.75 kNm	0.00 kNm	0.00 kNm	276.34 kNm
13.84 m	63.52 kNm	224.89 kNm	0.00 kNm	0.00 kNm	288.41 kNm
13.34 m	67.58 kNm	233.01 kNm	0.00 kNm	0.00 kNm	300.59 kNm
12.84 m	71.78 kNm	241.11 kNm	0.00 kNm	0.00 kNm	312.90 kNm
12.34 m	76.11 kNm	249.20 kNm	0.00 kNm	0.00 kNm	325.32 kNm
11.84 m	80.58 kNm	257.28 kNm	0.00 kNm	0.00 kNm	337.86 kNm
11.34 m	85.18 kNm	265.34 kNm	0.00 kNm	0.00 kNm	350.52 kNm
10.84 m	89.91 kNm	273.39 kNm	0.00 kNm	0.00 kNm	363.30 kNm
10.34 m	94.78 kNm	281.43 kNm	0.00 kNm	0.00 kNm	376.21 kNm
10.34 m	94.78 kNm	281.43 kNm	0.00 kNm	0.00 kNm	376.21 kNm
9.84 m	99.80 kNm	289.46 kNm	0.00 kNm	0.00 kNm	389.25 kNm
9.34 m	104.94 kNm	297.47 kNm	0.00 kNm	0.00 kNm	402.41 kNm
8.84 m	110.21 kNm	305.48 kNm	0.00 kNm	0.00 kNm	415.69 kNm
8.34 m	115.62 kNm	313.48 kNm	0.00 kNm	0.00 kNm	429.10 kNm
7.84 m	121.16 kNm	321.47 kNm	0.00 kNm	0.00 kNm	442.62 kNm
7.34 m	126.82 kNm	329.45 kNm	0.00 kNm	0.00 kNm	456.27 kNm
6.84 m	132.61 kNm	337.43 kNm	0.00 kNm	0.00 kNm	470.04 kNm
6.34 m	138.51 kNm	345.40 kNm	0.00 kNm	0.00 kNm	483.91 kNm
5.84 m	144.51 kNm	353.37 kNm	0.00 kNm	0.00 kNm	497.87 kNm
5.34 m	150.62 kNm	361.33 kNm	0.00 kNm	0.00 kNm	511.95 kNm
5.34 m	150.62 kNm	361.33 kNm	0.00 kNm	0.00 kNm	511.95 kNm
4.72 m	158.33 kNm	371.28 kNm	0.00 kNm	0.00 kNm	529.61 kNm
4.09 m	166.15 kNm	381.22 kNm	0.00 kNm	0.00 kNm	547.37 kNm
3.49 m	173.68 kNm	390.76 kNm	0.00 kNm	0.00 kNm	564.44 kNm
3.47 m	174.09 kNm	391.17 kNm	0.00 kNm	0.00 kNm	565.26 kNm
2.84 m	182.14 kNm	401.11 kNm	0.00 kNm	0.00 kNm	583.24 kNm
2.22 m	190.28 kNm	411.05 kNm	0.00 kNm	0.00 kNm	601.33 kNm
1.59 m	198.53 kNm	420.99 kNm	0.00 kNm	0.00 kNm	619.52 kNm
1.24 m	203.20 kNm	426.56 kNm	0.00 kNm	0.00 kNm	629.76 kNm
0.97 m	206.90 kNm	430.93 kNm	0.00 kNm	0.00 kNm	637.84 kNm
0.34 m	215.39 kNm	440.89 kNm	0.00 kNm	0.00 kNm	656.28 kNm

EAST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.09 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.09 kNm
29.62 m	0.33 kNm	3.42 kNm	0.00 kNm	0.00 kNm	3.75 kNm
29.49 m	0.42 kNm	4.62 kNm	0.00 kNm	0.00 kNm	5.03 kNm
29.01 m	0.78 kNm	8.98 kNm	0.00 kNm	0.00 kNm	9.76 kNm
28.40 m	1.39 kNm	14.45 kNm	0.00 kNm	0.00 kNm	15.84 kNm
27.78 m	2.19 kNm	19.89 kNm	0.00 kNm	0.00 kNm	22.08 kNm
27.17 m	3.18 kNm	25.31 kNm	0.00 kNm	0.00 kNm	28.49 kNm
26.56 m	4.36 kNm	30.70 kNm	0.00 kNm	0.00 kNm	35.06 kNm
25.95 m	5.74 kNm	36.07 kNm	0.00 kNm	0.00 kNm	41.82 kNm
25.34 m	7.33 kNm	41.40 kNm	0.00 kNm	0.00 kNm	48.73 kNm
25.34 m	7.33 kNm	41.40 kNm	0.00 kNm	0.00 kNm	48.73 kNm
24.84 m	8.79 kNm	47.91 kNm	0.00 kNm	0.00 kNm	56.70 kNm
24.34 m	10.39 kNm	58.79 kNm	0.00 kNm	0.00 kNm	69.18 kNm
23.84 m	12.14 kNm	69.62 kNm	0.00 kNm	0.00 kNm	81.76 kNm
23.34 m	14.03 kNm	80.42 kNm	0.00 kNm	0.00 kNm	94.45 kNm
22.84 m	16.07 kNm	91.18 kNm	0.00 kNm	0.00 kNm	107.25 kNm
22.34 m	18.26 kNm	101.91 kNm	0.00 kNm	0.00 kNm	120.17 kNm
21.84 m	20.60 kNm	112.59 kNm	0.00 kNm	0.00 kNm	133.19 kNm
21.34 m	23.10 kNm	123.24 kNm	0.00 kNm	0.00 kNm	146.34 kNm
20.84 m	25.75 kNm	133.86 kNm	0.00 kNm	0.00 kNm	159.61 kNm
20.34 m	28.57 kNm	144.44 kNm	0.00 kNm	0.00 kNm	173.01 kNm
20.34 m	28.57 kNm	144.44 kNm	0.00 kNm	0.00 kNm	173.01 kNm
19.84 m	31.56 kNm	154.99 kNm	0.00 kNm	0.00 kNm	186.55 kNm
19.34 m	34.71 kNm	165.50 kNm	0.00 kNm	0.00 kNm	200.21 kNm
18.84 m	38.02 kNm	175.99 kNm	0.00 kNm	0.00 kNm	214.01 kNm
18.34 m	41.50 kNm	186.44 kNm	0.00 kNm	0.00 kNm	227.94 kNm
17.84 m	45.14 kNm	196.87 kNm	0.00 kNm	0.00 kNm	242.01 kNm
17.34 m	48.95 kNm	207.26 kNm	0.00 kNm	0.00 kNm	256.22 kNm
16.84 m	52.94 kNm	217.63 kNm	0.00 kNm	0.00 kNm	270.57 kNm
16.34 m	57.09 kNm	227.97 kNm	0.00 kNm	0.00 kNm	285.06 kNm
15.84 m	61.42 kNm	238.29 kNm	0.00 kNm	0.00 kNm	299.71 kNm
15.34 m	65.94 kNm	248.58 kNm	0.00 kNm	0.00 kNm	314.52 kNm
15.34 m	65.94 kNm	248.58 kNm	0.00 kNm	0.00 kNm	314.52 kNm
14.84 m	70.63 kNm	258.85 kNm	0.00 kNm	0.00 kNm	329.47 kNm
14.34 m	75.49 kNm	269.09 kNm	0.00 kNm	0.00 kNm	344.58 kNm
13.84 m	80.52 kNm	279.31 kNm	0.00 kNm	0.00 kNm	359.83 kNm
13.34 m	85.73 kNm	289.51 kNm	0.00 kNm	0.00 kNm	375.24 kNm
12.84 m	91.11 kNm	299.69 kNm	0.00 kNm	0.00 kNm	390.80 kNm
12.34 m	96.66 kNm	309.85 kNm	0.00 kNm	0.00 kNm	406.51 kNm
11.84 m	102.40 kNm	319.99 kNm	0.00 kNm	0.00 kNm	422.39 kNm
11.34 m	108.31 kNm	330.12 kNm	0.00 kNm	0.00 kNm	438.42 kNm
10.84 m	114.39 kNm	340.23 kNm	0.00 kNm	0.00 kNm	454.62 kNm
10.34 m	120.67 kNm	350.32 kNm	0.00 kNm	0.00 kNm	470.99 kNm
10.34 m	120.67 kNm	350.32 kNm	0.00 kNm	0.00 kNm	470.99 kNm

9.84 m	127.13 kNm	360.40 kNm	0.00 kNm	0.00 kNm	487.53 kNm
9.34 m	133.77 kNm	370.47 kNm	0.00 kNm	0.00 kNm	504.24 kNm
8.84 m	140.58 kNm	380.52 kNm	0.00 kNm	0.00 kNm	521.11 kNm
8.34 m	147.58 kNm	390.57 kNm	0.00 kNm	0.00 kNm	538.14 kNm
7.84 m	154.74 kNm	400.60 kNm	0.00 kNm	0.00 kNm	555.35 kNm
7.34 m	162.08 kNm	410.63 kNm	0.00 kNm	0.00 kNm	572.71 kNm
6.84 m	169.60 kNm	420.65 kNm	0.00 kNm	0.00 kNm	590.25 kNm
6.34 m	177.29 kNm	430.66 kNm	0.00 kNm	0.00 kNm	607.96 kNm
5.84 m	185.16 kNm	440.67 kNm	0.00 kNm	0.00 kNm	625.83 kNm
5.34 m	193.23 kNm	450.68 kNm	0.00 kNm	0.00 kNm	643.91 kNm
5.34 m	193.23 kNm	450.68 kNm	0.00 kNm	0.00 kNm	643.91 kNm
4.72 m	203.52 kNm	463.18 kNm	0.00 kNm	0.00 kNm	666.70 kNm
4.09 m	214.06 kNm	475.68 kNm	0.00 kNm	0.00 kNm	689.73 kNm
3.49 m	224.32 kNm	487.66 kNm	0.00 kNm	0.00 kNm	711.97 kNm
3.47 m	224.86 kNm	488.17 kNm	0.00 kNm	0.00 kNm	713.03 kNm
2.84 m	235.89 kNm	500.67 kNm	0.00 kNm	0.00 kNm	736.56 kNm
2.22 m	247.11 kNm	513.17 kNm	0.00 kNm	0.00 kNm	760.28 kNm
1.59 m	258.49 kNm	525.67 kNm	0.00 kNm	0.00 kNm	784.16 kNm
1.24 m	264.95 kNm	532.68 kNm	0.00 kNm	0.00 kNm	797.62 kNm
0.97 m	270.06 kNm	538.19 kNm	0.00 kNm	0.00 kNm	808.24 kNm
0.34 m	281.76 kNm	550.71 kNm	0.00 kNm	0.00 kNm	832.47 kNm

SOUTH EAST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.12 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.12 kNm
29.62 m	0.47 kNm	5.47 kNm	0.00 kNm	0.00 kNm	5.94 kNm
29.49 m	0.59 kNm	7.37 kNm	0.00 kNm	0.00 kNm	7.97 kNm
29.01 m	1.10 kNm	14.34 kNm	0.00 kNm	0.00 kNm	15.44 kNm
28.40 m	1.97 kNm	23.07 kNm	0.00 kNm	0.00 kNm	25.04 kNm
27.78 m	3.10 kNm	31.76 kNm	0.00 kNm	0.00 kNm	34.86 kNm
27.17 m	4.50 kNm	40.40 kNm	0.00 kNm	0.00 kNm	44.90 kNm
26.56 m	6.17 kNm	49.00 kNm	0.00 kNm	0.00 kNm	55.17 kNm
25.95 m	8.12 kNm	57.55 kNm	0.00 kNm	0.00 kNm	65.67 kNm
25.34 m	10.36 kNm	66.04 kNm	0.00 kNm	0.00 kNm	76.40 kNm
25.34 m	10.36 kNm	66.04 kNm	0.00 kNm	0.00 kNm	76.40 kNm
24.84 m	12.43 kNm	75.52 kNm	0.00 kNm	0.00 kNm	87.95 kNm
24.34 m	14.69 kNm	90.16 kNm	0.00 kNm	0.00 kNm	104.85 kNm
23.84 m	17.15 kNm	104.73 kNm	0.00 kNm	0.00 kNm	121.88 kNm
23.34 m	19.82 kNm	119.25 kNm	0.00 kNm	0.00 kNm	139.06 kNm
22.84 m	22.69 kNm	133.70 kNm	0.00 kNm	0.00 kNm	156.39 kNm
22.34 m	25.77 kNm	148.11 kNm	0.00 kNm	0.00 kNm	173.87 kNm
21.84 m	29.06 kNm	162.45 kNm	0.00 kNm	0.00 kNm	191.51 kNm
21.34 m	32.57 kNm	176.75 kNm	0.00 kNm	0.00 kNm	209.32 kNm
20.84 m	36.30 kNm	190.99 kNm	0.00 kNm	0.00 kNm	227.28 kNm
20.34 m	40.27 kNm	205.18 kNm	0.00 kNm	0.00 kNm	245.44 kNm
20.34 m	40.27 kNm	205.18 kNm	0.00 kNm	0.00 kNm	245.44 kNm
19.84 m	44.46 kNm	219.32 kNm	0.00 kNm	0.00 kNm	263.78 kNm
19.34 m	48.88 kNm	233.41 kNm	0.00 kNm	0.00 kNm	282.29 kNm
18.84 m	53.53 kNm	247.46 kNm	0.00 kNm	0.00 kNm	300.98 kNm
18.34 m	58.40 kNm	261.46 kNm	0.00 kNm	0.00 kNm	319.86 kNm
17.84 m	63.51 kNm	275.41 kNm	0.00 kNm	0.00 kNm	338.93 kNm
17.34 m	68.86 kNm	289.33 kNm	0.00 kNm	0.00 kNm	358.19 kNm
16.84 m	74.44 kNm	303.20 kNm	0.00 kNm	0.00 kNm	377.64 kNm
16.34 m	80.26 kNm	317.04 kNm	0.00 kNm	0.00 kNm	397.30 kNm
15.84 m	86.32 kNm	330.84 kNm	0.00 kNm	0.00 kNm	417.15 kNm
15.34 m	92.64 kNm	344.60 kNm	0.00 kNm	0.00 kNm	437.24 kNm
15.34 m	92.64 kNm	344.60 kNm	0.00 kNm	0.00 kNm	437.24 kNm
14.84 m	99.20 kNm	358.32 kNm	0.00 kNm	0.00 kNm	457.52 kNm
14.34 m	106.00 kNm	372.02 kNm	0.00 kNm	0.00 kNm	478.01 kNm
13.84 m	113.03 kNm	385.68 kNm	0.00 kNm	0.00 kNm	498.71 kNm
13.34 m	120.31 kNm	399.31 kNm	0.00 kNm	0.00 kNm	519.62 kNm
12.84 m	127.83 kNm	412.91 kNm	0.00 kNm	0.00 kNm	540.74 kNm
12.34 m	135.59 kNm	426.48 kNm	0.00 kNm	0.00 kNm	562.07 kNm
11.84 m	143.59 kNm	440.03 kNm	0.00 kNm	0.00 kNm	583.62 kNm
11.34 m	151.84 kNm	453.56 kNm	0.00 kNm	0.00 kNm	605.40 kNm
10.84 m	160.34 kNm	467.06 kNm	0.00 kNm	0.00 kNm	627.40 kNm
10.34 m	169.10 kNm	480.54 kNm	0.00 kNm	0.00 kNm	649.64 kNm
10.34 m	169.10 kNm	480.54 kNm	0.00 kNm	0.00 kNm	649.64 kNm
9.84 m	178.11 kNm	494.01 kNm	0.00 kNm	0.00 kNm	672.12 kNm
9.34 m	187.37 kNm	507.45 kNm	0.00 kNm	0.00 kNm	694.82 kNm
8.84 m	196.87 kNm	520.88 kNm	0.00 kNm	0.00 kNm	717.75 kNm
8.34 m	206.61 kNm	534.30 kNm	0.00 kNm	0.00 kNm	740.92 kNm
7.84 m	216.60 kNm	547.71 kNm	0.00 kNm	0.00 kNm	764.31 kNm
7.34 m	226.83 kNm	561.10 kNm	0.00 kNm	0.00 kNm	787.94 kNm
6.84 m	237.31 kNm	574.49 kNm	0.00 kNm	0.00 kNm	811.80 kNm
6.34 m	247.97 kNm	587.87 kNm	0.00 kNm	0.00 kNm	835.84 kNm
5.84 m	258.78 kNm	601.25 kNm	0.00 kNm	0.00 kNm	860.03 kNm
5.34 m	269.77 kNm	614.63 kNm	0.00 kNm	0.00 kNm	884.40 kNm
5.34 m	269.77 kNm	614.63 kNm	0.00 kNm	0.00 kNm	884.40 kNm
4.72 m	283.63 kNm	631.34 kNm	0.00 kNm	0.00 kNm	914.97 kNm
4.09 m	297.66 kNm	648.05 kNm	0.00 kNm	0.00 kNm	945.71 kNm
3.49 m	311.14 kNm	664.08 kNm	0.00 kNm	0.00 kNm	975.22 kNm
3.47 m	311.86 kNm	664.77 kNm	0.00 kNm	0.00 kNm	976.63 kNm
2.84 m	326.22 kNm	681.49 kNm	0.00 kNm	0.00 kNm	1007.71 kNm
2.22 m	340.74 kNm	698.23 kNm	0.00 kNm	0.00 kNm	1038.97 kNm
1.59 m	355.40 kNm	714.97 kNm	0.00 kNm	0.00 kNm	1070.37 kNm
1.24 m	363.69 kNm	724.36 kNm	0.00 kNm	0.00 kNm	1088.05 kNm
0.97 m	370.26 kNm	731.74 kNm	0.00 kNm	0.00 kNm	1102.00 kNm
0.34 m	385.29 kNm	748.53 kNm	0.00 kNm	0.00 kNm	1133.82 kNm

SOUTH WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.10 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.10 kNm
29.62 m	0.38 kNm	4.74 kNm	0.00 kNm	0.00 kNm	5.12 kNm
29.49 m	0.48 kNm	6.39 kNm	0.00 kNm	0.00 kNm	6.87 kNm
29.01 m	0.90 kNm	12.43 kNm	0.00 kNm	0.00 kNm	13.33 kNm
28.40 m	1.60 kNm	20.01 kNm	0.00 kNm	0.00 kNm	21.61 kNm
27.78 m	2.52 kNm	27.55 kNm	0.00 kNm	0.00 kNm	30.07 kNm

27.17 m	3.66 kNm	35.05 kNm	0.00 kNm	0.00 kNm	38.71 kNm
26.56 m	5.02 kNm	42.52 kNm	0.00 kNm	0.00 kNm	47.54 kNm
25.95 m	6.61 kNm	49.95 kNm	0.00 kNm	0.00 kNm	56.56 kNm
25.34 m	8.43 kNm	57.33 kNm	0.00 kNm	0.00 kNm	65.76 kNm
25.34 m	8.43 kNm	57.33 kNm	0.00 kNm	0.00 kNm	65.76 kNm
24.84 m	10.11 kNm	65.31 kNm	0.00 kNm	0.00 kNm	75.42 kNm
24.34 m	11.95 kNm	77.22 kNm	0.00 kNm	0.00 kNm	89.16 kNm
23.84 m	13.95 kNm	89.08 kNm	0.00 kNm	0.00 kNm	103.03 kNm
23.34 m	16.11 kNm	100.90 kNm	0.00 kNm	0.00 kNm	117.01 kNm
22.84 m	18.44 kNm	112.68 kNm	0.00 kNm	0.00 kNm	131.12 kNm
22.34 m	20.95 kNm	124.41 kNm	0.00 kNm	0.00 kNm	145.36 kNm
21.84 m	23.62 kNm	136.10 kNm	0.00 kNm	0.00 kNm	159.72 kNm
21.34 m	26.46 kNm	147.75 kNm	0.00 kNm	0.00 kNm	174.22 kNm
20.84 m	29.49 kNm	159.36 kNm	0.00 kNm	0.00 kNm	188.85 kNm
20.34 m	32.70 kNm	170.93 kNm	0.00 kNm	0.00 kNm	203.63 kNm
20.34 m	32.70 kNm	170.93 kNm	0.00 kNm	0.00 kNm	203.63 kNm
19.84 m	36.10 kNm	182.46 kNm	0.00 kNm	0.00 kNm	218.56 kNm
19.34 m	39.67 kNm	193.96 kNm	0.00 kNm	0.00 kNm	233.63 kNm
18.84 m	43.43 kNm	205.42 kNm	0.00 kNm	0.00 kNm	248.85 kNm
18.34 m	47.37 kNm	216.85 kNm	0.00 kNm	0.00 kNm	264.22 kNm
17.84 m	51.50 kNm	228.24 kNm	0.00 kNm	0.00 kNm	279.73 kNm
17.34 m	55.81 kNm	239.60 kNm	0.00 kNm	0.00 kNm	295.40 kNm
16.84 m	60.31 kNm	250.93 kNm	0.00 kNm	0.00 kNm	311.23 kNm
16.34 m	65.00 kNm	262.22 kNm	0.00 kNm	0.00 kNm	327.22 kNm
15.84 m	69.88 kNm	273.49 kNm	0.00 kNm	0.00 kNm	343.37 kNm
15.34 m	74.97 kNm	284.73 kNm	0.00 kNm	0.00 kNm	359.70 kNm
15.34 m	74.97 kNm	284.73 kNm	0.00 kNm	0.00 kNm	359.70 kNm
14.84 m	80.25 kNm	295.95 kNm	0.00 kNm	0.00 kNm	376.20 kNm
14.34 m	85.72 kNm	307.14 kNm	0.00 kNm	0.00 kNm	392.85 kNm
13.84 m	91.37 kNm	318.30 kNm	0.00 kNm	0.00 kNm	409.67 kNm
13.34 m	97.22 kNm	329.44 kNm	0.00 kNm	0.00 kNm	426.66 kNm
12.84 m	103.26 kNm	340.55 kNm	0.00 kNm	0.00 kNm	443.81 kNm
12.34 m	109.48 kNm	351.65 kNm	0.00 kNm	0.00 kNm	461.13 kNm
11.84 m	115.91 kNm	362.73 kNm	0.00 kNm	0.00 kNm	478.63 kNm
11.34 m	122.52 kNm	373.78 kNm	0.00 kNm	0.00 kNm	496.30 kNm
10.84 m	129.33 kNm	384.82 kNm	0.00 kNm	0.00 kNm	514.15 kNm
10.34 m	136.35 kNm	395.84 kNm	0.00 kNm	0.00 kNm	532.19 kNm
10.34 m	136.35 kNm	395.84 kNm	0.00 kNm	0.00 kNm	532.19 kNm
9.84 m	143.56 kNm	406.85 kNm	0.00 kNm	0.00 kNm	550.41 kNm
9.34 m	150.97 kNm	417.84 kNm	0.00 kNm	0.00 kNm	568.81 kNm
8.84 m	158.56 kNm	428.83 kNm	0.00 kNm	0.00 kNm	587.39 kNm
8.34 m	166.35 kNm	439.80 kNm	0.00 kNm	0.00 kNm	606.15 kNm
7.84 m	174.33 kNm	450.76 kNm	0.00 kNm	0.00 kNm	625.09 kNm
7.34 m	182.50 kNm	461.71 kNm	0.00 kNm	0.00 kNm	644.21 kNm
6.84 m	190.86 kNm	472.65 kNm	0.00 kNm	0.00 kNm	663.51 kNm
6.34 m	199.36 kNm	483.59 kNm	0.00 kNm	0.00 kNm	682.95 kNm
5.84 m	207.96 kNm	494.53 kNm	0.00 kNm	0.00 kNm	702.48 kNm
5.34 m	216.70 kNm	505.46 kNm	0.00 kNm	0.00 kNm	722.16 kNm
5.34 m	216.70 kNm	505.46 kNm	0.00 kNm	0.00 kNm	722.16 kNm
4.72 m	227.69 kNm	519.12 kNm	0.00 kNm	0.00 kNm	746.81 kNm
4.09 m	238.80 kNm	532.78 kNm	0.00 kNm	0.00 kNm	771.57 kNm
3.49 m	249.47 kNm	545.87 kNm	0.00 kNm	0.00 kNm	795.34 kNm
3.47 m	250.04 kNm	546.43 kNm	0.00 kNm	0.00 kNm	796.47 kNm
2.84 m	261.39 kNm	560.10 kNm	0.00 kNm	0.00 kNm	821.49 kNm
2.22 m	272.87 kNm	573.76 kNm	0.00 kNm	0.00 kNm	846.63 kNm
1.59 m	284.45 kNm	587.44 kNm	0.00 kNm	0.00 kNm	871.88 kNm
1.24 m	291.00 kNm	595.10 kNm	0.00 kNm	0.00 kNm	886.10 kNm
0.97 m	296.18 kNm	601.12 kNm	0.00 kNm	0.00 kNm	897.31 kNm
0.34 m	308.04 kNm	614.83 kNm	0.00 kNm	0.00 kNm	922.87 kNm

SOUTH WEST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.08 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.08 kNm
29.62 m	0.30 kNm	3.33 kNm	0.00 kNm	0.00 kNm	3.63 kNm
29.49 m	0.38 kNm	4.49 kNm	0.00 kNm	0.00 kNm	4.87 kNm
29.01 m	0.71 kNm	8.74 kNm	0.00 kNm	0.00 kNm	9.45 kNm
28.40 m	1.26 kNm	14.07 kNm	0.00 kNm	0.00 kNm	15.33 kNm
27.78 m	1.99 kNm	19.37 kNm	0.00 kNm	0.00 kNm	21.35 kNm
27.17 m	2.88 kNm	24.64 kNm	0.00 kNm	0.00 kNm	27.52 kNm
26.56 m	3.95 kNm	29.90 kNm	0.00 kNm	0.00 kNm	33.84 kNm
25.95 m	5.19 kNm	35.12 kNm	0.00 kNm	0.00 kNm	40.32 kNm
25.34 m	6.62 kNm	40.32 kNm	0.00 kNm	0.00 kNm	46.93 kNm
25.34 m	6.62 kNm	40.32 kNm	0.00 kNm	0.00 kNm	46.93 kNm
24.84 m	7.93 kNm	46.35 kNm	0.00 kNm	0.00 kNm	54.28 kNm
24.34 m	9.37 kNm	56.02 kNm	0.00 kNm	0.00 kNm	65.39 kNm
23.84 m	10.93 kNm	65.65 kNm	0.00 kNm	0.00 kNm	76.58 kNm
23.34 m	12.62 kNm	75.25 kNm	0.00 kNm	0.00 kNm	87.87 kNm
22.84 m	14.44 kNm	84.82 kNm	0.00 kNm	0.00 kNm	99.26 kNm
22.34 m	16.39 kNm	94.35 kNm	0.00 kNm	0.00 kNm	110.74 kNm
21.84 m	18.47 kNm	103.84 kNm	0.00 kNm	0.00 kNm	122.32 kNm
21.34 m	20.69 kNm	113.31 kNm	0.00 kNm	0.00 kNm	134.00 kNm
20.84 m	23.04 kNm	122.74 kNm	0.00 kNm	0.00 kNm	145.78 kNm
20.34 m	25.54 kNm	132.15 kNm	0.00 kNm	0.00 kNm	157.69 kNm
20.34 m	25.54 kNm	132.15 kNm	0.00 kNm	0.00 kNm	157.69 kNm
19.84 m	28.18 kNm	141.52 kNm	0.00 kNm	0.00 kNm	169.70 kNm
19.34 m	30.96 kNm	150.86 kNm	0.00 kNm	0.00 kNm	181.82 kNm
18.84 m	33.87 kNm	160.18 kNm	0.00 kNm	0.00 kNm	194.05 kNm
18.34 m	36.93 kNm	169.47 kNm	0.00 kNm	0.00 kNm	206.40 kNm
17.84 m	40.13 kNm	178.73 kNm	0.00 kNm	0.00 kNm	218.86 kNm
17.34 m	43.47 kNm	187.97 kNm	0.00 kNm	0.00 kNm	231.43 kNm
16.84 m	46.95 kNm	197.18 kNm	0.00 kNm	0.00 kNm	244.13 kNm
16.34 m	50.57 kNm	206.36 kNm	0.00 kNm	0.00 kNm	256.94 kNm
15.84 m	54.34 kNm	215.53 kNm	0.00 kNm	0.00 kNm	269.87 kNm
15.34 m	58.27 kNm	224.67 kNm	0.00 kNm	0.00 kNm	282.94 kNm
15.34 m	58.27 kNm	224.67 kNm	0.00 kNm	0.00 kNm	282.94 kNm
14.84 m	62.34 kNm	233.78 kNm	0.00 kNm	0.00 kNm	296.13 kNm
14.34 m	66.55 kNm	242.88 kNm	0.00 kNm	0.00 kNm	309.43 kNm
13.84 m	70.90 kNm	251.96 kNm	0.00 kNm	0.00 kNm	322.86 kNm
13.34 m	75.40 kNm	261.02 kNm	0.00 kNm	0.00 kNm	336.41 kNm

12.84 m	80.03 kNm	270.05 kNm	0.00 kNm	0.00 kNm	350.08 kNm
12.34 m	84.81 kNm	279.07 kNm	0.00 kNm	0.00 kNm	363.88 kNm
11.84 m	89.72 kNm	288.08 kNm	0.00 kNm	0.00 kNm	377.80 kNm
11.34 m	94.78 kNm	297.06 kNm	0.00 kNm	0.00 kNm	391.85 kNm
10.84 m	99.98 kNm	306.04 kNm	0.00 kNm	0.00 kNm	406.02 kNm
10.34 m	105.34 kNm	314.99 kNm	0.00 kNm	0.00 kNm	420.33 kNm
10.34 m	105.34 kNm	314.99 kNm	0.00 kNm	0.00 kNm	420.33 kNm
9.84 m	110.84 kNm	323.94 kNm	0.00 kNm	0.00 kNm	434.78 kNm
9.34 m	116.48 kNm	332.87 kNm	0.00 kNm	0.00 kNm	449.35 kNm
8.84 m	122.26 kNm	341.79 kNm	0.00 kNm	0.00 kNm	464.05 kNm
8.34 m	128.18 kNm	350.70 kNm	0.00 kNm	0.00 kNm	478.89 kNm
7.84 m	134.25 kNm	359.60 kNm	0.00 kNm	0.00 kNm	493.86 kNm
7.34 m	140.47 kNm	368.50 kNm	0.00 kNm	0.00 kNm	508.96 kNm
6.84 m	146.83 kNm	377.38 kNm	0.00 kNm	0.00 kNm	524.21 kNm
6.34 m	153.31 kNm	386.26 kNm	0.00 kNm	0.00 kNm	539.57 kNm
5.84 m	159.87 kNm	395.13 kNm	0.00 kNm	0.00 kNm	555.00 kNm
5.34 m	166.55 kNm	404.00 kNm	0.00 kNm	0.00 kNm	570.56 kNm
5.34 m	166.55 kNm	404.00 kNm	0.00 kNm	0.00 kNm	570.56 kNm
4.72 m	174.97 kNm	415.08 kNm	0.00 kNm	0.00 kNm	590.05 kNm
4.09 m	183.50 kNm	426.15 kNm	0.00 kNm	0.00 kNm	609.65 kNm
3.49 m	191.69 kNm	436.77 kNm	0.00 kNm	0.00 kNm	628.46 kNm
3.47 m	192.13 kNm	437.22 kNm	0.00 kNm	0.00 kNm	629.36 kNm
2.84 m	200.87 kNm	448.29 kNm	0.00 kNm	0.00 kNm	649.16 kNm
2.22 m	209.72 kNm	459.36 kNm	0.00 kNm	0.00 kNm	669.08 kNm
1.59 m	218.66 kNm	470.43 kNm	0.00 kNm	0.00 kNm	689.09 kNm
1.24 m	223.72 kNm	476.63 kNm	0.00 kNm	0.00 kNm	700.35 kNm
0.97 m	227.73 kNm	481.50 kNm	0.00 kNm	0.00 kNm	709.24 kNm
0.34 m	236.92 kNm	492.59 kNm	0.00 kNm	0.00 kNm	729.50 kNm

WEST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.07 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.07 kNm
29.62 m	0.28 kNm	2.88 kNm	0.00 kNm	0.00 kNm	3.15 kNm
29.49 m	0.35 kNm	3.88 kNm	0.00 kNm	0.00 kNm	4.23 kNm
29.01 m	0.65 kNm	7.55 kNm	0.00 kNm	0.00 kNm	8.20 kNm
28.40 m	1.16 kNm	12.15 kNm	0.00 kNm	0.00 kNm	13.31 kNm
27.78 m	1.82 kNm	16.73 kNm	0.00 kNm	0.00 kNm	18.55 kNm
27.17 m	2.64 kNm	21.29 kNm	0.00 kNm	0.00 kNm	23.93 kNm
26.56 m	3.62 kNm	25.83 kNm	0.00 kNm	0.00 kNm	29.45 kNm
25.95 m	4.76 kNm	30.35 kNm	0.00 kNm	0.00 kNm	35.11 kNm
25.34 m	6.06 kNm	34.83 kNm	0.00 kNm	0.00 kNm	40.90 kNm
25.34 m	6.06 kNm	34.83 kNm	0.00 kNm	0.00 kNm	40.90 kNm
24.84 m	7.26 kNm	40.23 kNm	0.00 kNm	0.00 kNm	47.50 kNm
24.34 m	8.58 kNm	49.16 kNm	0.00 kNm	0.00 kNm	57.73 kNm
23.84 m	10.00 kNm	58.05 kNm	0.00 kNm	0.00 kNm	68.06 kNm
23.34 m	11.54 kNm	66.92 kNm	0.00 kNm	0.00 kNm	78.46 kNm
22.84 m	13.20 kNm	75.75 kNm	0.00 kNm	0.00 kNm	88.95 kNm
22.34 m	14.98 kNm	84.55 kNm	0.00 kNm	0.00 kNm	99.53 kNm
21.84 m	16.87 kNm	93.32 kNm	0.00 kNm	0.00 kNm	110.19 kNm
21.34 m	18.89 kNm	102.06 kNm	0.00 kNm	0.00 kNm	120.95 kNm
20.84 m	21.02 kNm	110.78 kNm	0.00 kNm	0.00 kNm	131.80 kNm
20.34 m	23.29 kNm	119.46 kNm	0.00 kNm	0.00 kNm	142.75 kNm
20.34 m	23.29 kNm	119.46 kNm	0.00 kNm	0.00 kNm	142.75 kNm
19.84 m	25.68 kNm	128.12 kNm	0.00 kNm	0.00 kNm	153.81 kNm
19.34 m	28.20 kNm	136.76 kNm	0.00 kNm	0.00 kNm	164.96 kNm
18.84 m	30.84 kNm	145.36 kNm	0.00 kNm	0.00 kNm	176.20 kNm
18.34 m	33.60 kNm	153.95 kNm	0.00 kNm	0.00 kNm	187.55 kNm
17.84 m	36.49 kNm	162.50 kNm	0.00 kNm	0.00 kNm	199.00 kNm
17.34 m	39.51 kNm	171.04 kNm	0.00 kNm	0.00 kNm	210.55 kNm
16.84 m	42.65 kNm	179.55 kNm	0.00 kNm	0.00 kNm	222.20 kNm
16.34 m	45.92 kNm	188.04 kNm	0.00 kNm	0.00 kNm	233.96 kNm
15.84 m	49.31 kNm	196.51 kNm	0.00 kNm	0.00 kNm	245.82 kNm
15.34 m	52.84 kNm	204.96 kNm	0.00 kNm	0.00 kNm	257.80 kNm
15.34 m	52.84 kNm	204.96 kNm	0.00 kNm	0.00 kNm	257.80 kNm
14.84 m	56.50 kNm	213.38 kNm	0.00 kNm	0.00 kNm	269.88 kNm
14.34 m	60.27 kNm	221.79 kNm	0.00 kNm	0.00 kNm	282.07 kNm
13.84 m	64.17 kNm	230.18 kNm	0.00 kNm	0.00 kNm	294.36 kNm
13.34 m	68.20 kNm	238.55 kNm	0.00 kNm	0.00 kNm	306.75 kNm
12.84 m	72.34 kNm	246.91 kNm	0.00 kNm	0.00 kNm	319.25 kNm
12.34 m	76.61 kNm	255.24 kNm	0.00 kNm	0.00 kNm	331.85 kNm
11.84 m	80.99 kNm	263.57 kNm	0.00 kNm	0.00 kNm	344.56 kNm
11.34 m	85.50 kNm	271.87 kNm	0.00 kNm	0.00 kNm	357.37 kNm
10.84 m	90.13 kNm	280.17 kNm	0.00 kNm	0.00 kNm	370.30 kNm
10.34 m	94.90 kNm	288.44 kNm	0.00 kNm	0.00 kNm	383.34 kNm
10.34 m	94.90 kNm	288.44 kNm	0.00 kNm	0.00 kNm	383.34 kNm
9.84 m	99.78 kNm	296.71 kNm	0.00 kNm	0.00 kNm	396.49 kNm
9.34 m	104.78 kNm	304.97 kNm	0.00 kNm	0.00 kNm	409.74 kNm
8.84 m	109.88 kNm	313.21 kNm	0.00 kNm	0.00 kNm	423.09 kNm
8.34 m	115.09 kNm	321.45 kNm	0.00 kNm	0.00 kNm	436.54 kNm
7.84 m	120.40 kNm	329.67 kNm	0.00 kNm	0.00 kNm	450.08 kNm
7.34 m	125.82 kNm	337.89 kNm	0.00 kNm	0.00 kNm	463.71 kNm
6.84 m	131.35 kNm	346.10 kNm	0.00 kNm	0.00 kNm	477.45 kNm
6.34 m	136.96 kNm	354.31 kNm	0.00 kNm	0.00 kNm	491.27 kNm
5.84 m	142.66 kNm	362.50 kNm	0.00 kNm	0.00 kNm	505.16 kNm
5.34 m	148.47 kNm	370.70 kNm	0.00 kNm	0.00 kNm	519.17 kNm
5.34 m	148.47 kNm	370.70 kNm	0.00 kNm	0.00 kNm	519.17 kNm
4.72 m	155.79 kNm	380.93 kNm	0.00 kNm	0.00 kNm	536.72 kNm
4.09 m	163.21 kNm	391.16 kNm	0.00 kNm	0.00 kNm	554.37 kNm
3.49 m	170.36 kNm	400.97 kNm	0.00 kNm	0.00 kNm	571.32 kNm
3.47 m	170.75 kNm	401.39 kNm	0.00 kNm	0.00 kNm	572.13 kNm
2.84 m	178.38 kNm	411.61 kNm	0.00 kNm	0.00 kNm	589.99 kNm
2.22 m	186.11 kNm	421.83 kNm	0.00 kNm	0.00 kNm	607.94 kNm
1.59 m	193.94 kNm	432.05 kNm	0.00 kNm	0.00 kNm	625.99 kNm
1.24 m	198.38 kNm	437.78 kNm	0.00 kNm	0.00 kNm	636.16 kNm
0.97 m	201.90 kNm	442.28 kNm	0.00 kNm	0.00 kNm	644.18 kNm
0.34 m	209.97 kNm	452.51 kNm	0.00 kNm	0.00 kNm	662.48 kNm

NORTH WEST WIND

RL	SHAFT M*	AREA M*	POINT M*	LINEAR M*	COMBINED M*

30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.08 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.08 kNm
29.62 m	0.31 kNm	3.63 kNm	0.00 kNm	0.00 kNm	3.94 kNm
29.49 m	0.39 kNm	4.89 kNm	0.00 kNm	0.00 kNm	5.28 kNm
29.01 m	0.72 kNm	9.52 kNm	0.00 kNm	0.00 kNm	10.24 kNm
28.40 m	1.29 kNm	15.32 kNm	0.00 kNm	0.00 kNm	16.61 kNm
27.78 m	2.03 kNm	21.10 kNm	0.00 kNm	0.00 kNm	23.12 kNm
27.17 m	2.94 kNm	26.84 kNm	0.00 kNm	0.00 kNm	29.78 kNm
26.56 m	4.02 kNm	32.56 kNm	0.00 kNm	0.00 kNm	36.59 kNm
25.95 m	5.29 kNm	38.26 kNm	0.00 kNm	0.00 kNm	43.55 kNm
25.34 m	6.74 kNm	43.91 kNm	0.00 kNm	0.00 kNm	50.65 kNm
25.34 m	6.74 kNm	43.91 kNm	0.00 kNm	0.00 kNm	50.65 kNm
24.84 m	8.08 kNm	50.17 kNm	0.00 kNm	0.00 kNm	58.25 kNm
24.34 m	9.54 kNm	59.74 kNm	0.00 kNm	0.00 kNm	69.28 kNm
23.84 m	11.12 kNm	69.28 kNm	0.00 kNm	0.00 kNm	80.40 kNm
23.34 m	12.84 kNm	78.78 kNm	0.00 kNm	0.00 kNm	91.62 kNm
22.84 m	14.68 kNm	88.25 kNm	0.00 kNm	0.00 kNm	102.93 kNm
22.34 m	16.66 kNm	97.68 kNm	0.00 kNm	0.00 kNm	114.34 kNm
21.84 m	18.77 kNm	107.08 kNm	0.00 kNm	0.00 kNm	125.85 kNm
21.34 m	21.01 kNm	116.45 kNm	0.00 kNm	0.00 kNm	137.46 kNm
20.84 m	23.39 kNm	125.79 kNm	0.00 kNm	0.00 kNm	149.17 kNm
20.34 m	25.91 kNm	135.09 kNm	0.00 kNm	0.00 kNm	161.01 kNm
20.34 m	25.91 kNm	135.09 kNm	0.00 kNm	0.00 kNm	161.01 kNm
19.84 m	28.58 kNm	144.37 kNm	0.00 kNm	0.00 kNm	172.95 kNm
19.34 m	31.38 kNm	153.61 kNm	0.00 kNm	0.00 kNm	185.00 kNm
18.84 m	34.33 kNm	162.83 kNm	0.00 kNm	0.00 kNm	197.16 kNm
18.34 m	37.41 kNm	172.02 kNm	0.00 kNm	0.00 kNm	209.43 kNm
17.84 m	40.63 kNm	181.19 kNm	0.00 kNm	0.00 kNm	221.82 kNm
17.34 m	43.99 kNm	190.33 kNm	0.00 kNm	0.00 kNm	234.32 kNm
16.84 m	47.50 kNm	199.44 kNm	0.00 kNm	0.00 kNm	246.94 kNm
16.34 m	51.14 kNm	208.53 kNm	0.00 kNm	0.00 kNm	259.67 kNm
15.84 m	54.93 kNm	217.60 kNm	0.00 kNm	0.00 kNm	272.53 kNm
15.34 m	58.87 kNm	226.64 kNm	0.00 kNm	0.00 kNm	285.51 kNm
15.34 m	58.87 kNm	226.64 kNm	0.00 kNm	0.00 kNm	285.51 kNm
14.84 m	62.95 kNm	235.66 kNm	0.00 kNm	0.00 kNm	298.62 kNm
14.34 m	67.17 kNm	244.66 kNm	0.00 kNm	0.00 kNm	311.83 kNm
13.84 m	71.53 kNm	253.64 kNm	0.00 kNm	0.00 kNm	325.17 kNm
13.34 m	76.03 kNm	262.60 kNm	0.00 kNm	0.00 kNm	338.62 kNm
12.84 m	80.66 kNm	271.54 kNm	0.00 kNm	0.00 kNm	352.20 kNm
12.34 m	85.43 kNm	280.46 kNm	0.00 kNm	0.00 kNm	365.89 kNm
11.84 m	90.33 kNm	289.37 kNm	0.00 kNm	0.00 kNm	379.70 kNm
11.34 m	95.38 kNm	298.26 kNm	0.00 kNm	0.00 kNm	393.64 kNm
10.84 m	100.56 kNm	307.14 kNm	0.00 kNm	0.00 kNm	407.70 kNm
10.34 m	105.89 kNm	316.00 kNm	0.00 kNm	0.00 kNm	421.89 kNm
10.34 m	105.89 kNm	316.00 kNm	0.00 kNm	0.00 kNm	421.89 kNm
9.84 m	111.36 kNm	324.85 kNm	0.00 kNm	0.00 kNm	436.20 kNm
9.34 m	116.95 kNm	333.68 kNm	0.00 kNm	0.00 kNm	450.64 kNm
8.84 m	122.67 kNm	342.51 kNm	0.00 kNm	0.00 kNm	465.17 kNm
8.34 m	128.50 kNm	351.32 kNm	0.00 kNm	0.00 kNm	479.82 kNm
7.84 m	134.45 kNm	360.13 kNm	0.00 kNm	0.00 kNm	494.57 kNm
7.34 m	140.52 kNm	368.92 kNm	0.00 kNm	0.00 kNm	509.44 kNm
6.84 m	146.70 kNm	377.71 kNm	0.00 kNm	0.00 kNm	524.41 kNm
6.34 m	152.99 kNm	386.49 kNm	0.00 kNm	0.00 kNm	539.48 kNm
5.84 m	159.35 kNm	395.27 kNm	0.00 kNm	0.00 kNm	554.62 kNm
5.34 m	165.83 kNm	404.04 kNm	0.00 kNm	0.00 kNm	569.88 kNm
5.34 m	165.83 kNm	404.04 kNm	0.00 kNm	0.00 kNm	569.88 kNm
4.72 m	174.00 kNm	415.00 kNm	0.00 kNm	0.00 kNm	589.00 kNm
4.09 m	182.27 kNm	425.95 kNm	0.00 kNm	0.00 kNm	608.23 kNm
3.49 m	190.23 kNm	436.45 kNm	0.00 kNm	0.00 kNm	626.68 kNm
3.47 m	190.66 kNm	436.90 kNm	0.00 kNm	0.00 kNm	627.56 kNm
2.84 m	199.15 kNm	447.85 kNm	0.00 kNm	0.00 kNm	647.00 kNm
2.22 m	207.74 kNm	458.80 kNm	0.00 kNm	0.00 kNm	666.54 kNm
1.59 m	216.43 kNm	469.75 kNm	0.00 kNm	0.00 kNm	686.18 kNm
1.24 m	221.36 kNm	475.88 kNm	0.00 kNm	0.00 kNm	697.24 kNm
0.97 m	225.26 kNm	480.71 kNm	0.00 kNm	0.00 kNm	705.96 kNm
0.34 m	234.20 kNm	491.67 kNm	0.00 kNm	0.00 kNm	725.87 kNm

LOAD CASE 4: G + Ps + Ws

NORTH WIND

RL	SHAFT M	AREA M	POINT M	LINEAR M	COMBINED M
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.03 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.03 kNm
29.62 m	0.11 kNm	1.51 kNm	0.00 kNm	0.00 kNm	1.61 kNm
29.49 m	0.14 kNm	2.03 kNm	0.00 kNm	0.00 kNm	2.17 kNm
29.01 m	0.25 kNm	3.95 kNm	0.00 kNm	0.00 kNm	4.20 kNm
28.40 m	0.44 kNm	6.35 kNm	0.00 kNm	0.00 kNm	6.79 kNm
27.78 m	0.69 kNm	8.73 kNm	0.00 kNm	0.00 kNm	9.42 kNm
27.17 m	1.01 kNm	11.10 kNm	0.00 kNm	0.00 kNm	12.10 kNm
26.56 m	1.39 kNm	13.45 kNm	0.00 kNm	0.00 kNm	14.84 kNm
25.95 m	1.84 kNm	15.79 kNm	0.00 kNm	0.00 kNm	17.63 kNm
25.34 m	2.35 kNm	18.11 kNm	0.00 kNm	0.00 kNm	20.47 kNm
25.34 m	2.35 kNm	18.11 kNm	0.00 kNm	0.00 kNm	20.47 kNm
24.84 m	2.84 kNm	20.61 kNm	0.00 kNm	0.00 kNm	23.44 kNm
24.34 m	3.36 kNm	24.30 kNm	0.00 kNm	0.00 kNm	27.66 kNm
23.84 m	3.94 kNm	27.98 kNm	0.00 kNm	0.00 kNm	31.92 kNm
23.34 m	4.57 kNm	31.63 kNm	0.00 kNm	0.00 kNm	36.20 kNm
22.84 m	5.24 kNm	35.27 kNm	0.00 kNm	0.00 kNm	40.51 kNm
22.34 m	5.96 kNm	38.90 kNm	0.00 kNm	0.00 kNm	44.86 kNm
21.84 m	6.74 kNm	42.50 kNm	0.00 kNm	0.00 kNm	49.24 kNm
21.34 m	7.56 kNm	46.09 kNm	0.00 kNm	0.00 kNm	53.65 kNm
20.84 m	8.44 kNm	49.66 kNm	0.00 kNm	0.00 kNm	58.10 kNm
20.34 m	9.37 kNm	53.22 kNm	0.00 kNm	0.00 kNm	62.59 kNm
20.34 m	9.37 kNm	53.22 kNm	0.00 kNm	0.00 kNm	62.59 kNm
19.84 m	10.36 kNm	56.76 kNm	0.00 kNm	0.00 kNm	67.12 kNm
19.34 m	11.40 kNm	60.29 kNm	0.00 kNm	0.00 kNm	71.69 kNm
18.84 m	12.49 kNm	63.81 kNm	0.00 kNm	0.00 kNm	76.29 kNm
18.34 m	13.63 kNm	67.31 kNm	0.00 kNm	0.00 kNm	80.94 kNm
17.84 m	14.83 kNm	70.80 kNm	0.00 kNm	0.00 kNm	85.63 kNm
17.34 m	16.08 kNm	74.27 kNm	0.00 kNm	0.00 kNm	90.35 kNm

16.84 m	17.39 kNm	77.73 kNm	0.00 kNm	0.00 kNm	95.12 kNm
16.34 m	18.75 kNm	81.18 kNm	0.00 kNm	0.00 kNm	99.94 kNm
15.84 m	20.17 kNm	84.62 kNm	0.00 kNm	0.00 kNm	104.80 kNm
15.34 m	21.65 kNm	88.05 kNm	0.00 kNm	0.00 kNm	109.70 kNm
15.34 m	21.65 kNm	88.05 kNm	0.00 kNm	0.00 kNm	109.70 kNm
14.84 m	23.18 kNm	91.47 kNm	0.00 kNm	0.00 kNm	114.66 kNm
14.34 m	24.77 kNm	94.88 kNm	0.00 kNm	0.00 kNm	119.65 kNm
13.84 m	26.41 kNm	98.28 kNm	0.00 kNm	0.00 kNm	124.70 kNm
13.34 m	28.11 kNm	101.67 kNm	0.00 kNm	0.00 kNm	129.78 kNm
12.84 m	29.86 kNm	105.05 kNm	0.00 kNm	0.00 kNm	134.92 kNm
12.34 m	31.67 kNm	108.43 kNm	0.00 kNm	0.00 kNm	140.10 kNm
11.84 m	33.53 kNm	111.80 kNm	0.00 kNm	0.00 kNm	145.33 kNm
11.34 m	35.45 kNm	115.16 kNm	0.00 kNm	0.00 kNm	150.60 kNm
10.84 m	37.42 kNm	118.51 kNm	0.00 kNm	0.00 kNm	155.93 kNm
10.34 m	39.45 kNm	121.86 kNm	0.00 kNm	0.00 kNm	161.31 kNm
10.34 m	39.45 kNm	121.86 kNm	0.00 kNm	0.00 kNm	161.31 kNm
9.84 m	41.54 kNm	125.21 kNm	0.00 kNm	0.00 kNm	166.74 kNm
9.34 m	43.68 kNm	128.55 kNm	0.00 kNm	0.00 kNm	172.23 kNm
8.84 m	45.88 kNm	131.88 kNm	0.00 kNm	0.00 kNm	177.76 kNm
8.34 m	48.13 kNm	135.22 kNm	0.00 kNm	0.00 kNm	183.35 kNm
7.84 m	50.43 kNm	138.55 kNm	0.00 kNm	0.00 kNm	188.98 kNm
7.34 m	52.79 kNm	141.88 kNm	0.00 kNm	0.00 kNm	194.67 kNm
6.84 m	55.21 kNm	145.20 kNm	0.00 kNm	0.00 kNm	200.41 kNm
6.34 m	57.66 kNm	148.53 kNm	0.00 kNm	0.00 kNm	206.19 kNm
5.84 m	60.14 kNm	151.86 kNm	0.00 kNm	0.00 kNm	212.00 kNm
5.34 m	62.67 kNm	155.18 kNm	0.00 kNm	0.00 kNm	217.86 kNm
5.34 m	62.67 kNm	155.18 kNm	0.00 kNm	0.00 kNm	217.86 kNm
4.72 m	65.85 kNm	159.34 kNm	0.00 kNm	0.00 kNm	225.19 kNm
4.09 m	69.07 kNm	163.50 kNm	0.00 kNm	0.00 kNm	232.57 kNm
3.49 m	72.15 kNm	167.49 kNm	0.00 kNm	0.00 kNm	239.65 kNm
3.47 m	72.32 kNm	167.67 kNm	0.00 kNm	0.00 kNm	239.99 kNm
2.84 m	75.61 kNm	171.83 kNm	0.00 kNm	0.00 kNm	247.45 kNm
2.22 m	78.94 kNm	176.01 kNm	0.00 kNm	0.00 kNm	254.94 kNm
1.59 m	82.29 kNm	180.19 kNm	0.00 kNm	0.00 kNm	262.48 kNm
1.24 m	84.19 kNm	182.53 kNm	0.00 kNm	0.00 kNm	266.72 kNm
0.97 m	85.69 kNm	184.38 kNm	0.00 kNm	0.00 kNm	270.07 kNm
0.34 m	89.13 kNm	188.57 kNm	0.00 kNm	0.00 kNm	277.71 kNm

NORTH EAST WIND

RL	SHAFT M	AREA M	POINT M	LINEAR M	COMBINED M
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.03 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.03 kNm
29.62 m	0.10 kNm	1.23 kNm	0.00 kNm	0.00 kNm	1.33 kNm
29.49 m	0.13 kNm	1.66 kNm	0.00 kNm	0.00 kNm	1.79 kNm
29.01 m	0.24 kNm	3.22 kNm	0.00 kNm	0.00 kNm	3.47 kNm
28.40 m	0.43 kNm	5.19 kNm	0.00 kNm	0.00 kNm	5.61 kNm
27.78 m	0.66 kNm	7.13 kNm	0.00 kNm	0.00 kNm	7.79 kNm
27.17 m	0.95 kNm	9.07 kNm	0.00 kNm	0.00 kNm	10.02 kNm
26.56 m	1.30 kNm	10.99 kNm	0.00 kNm	0.00 kNm	12.29 kNm
25.95 m	1.71 kNm	12.91 kNm	0.00 kNm	0.00 kNm	14.62 kNm
25.34 m	2.19 kNm	14.80 kNm	0.00 kNm	0.00 kNm	16.99 kNm
25.34 m	2.19 kNm	14.80 kNm	0.00 kNm	0.00 kNm	16.99 kNm
24.84 m	2.63 kNm	17.02 kNm	0.00 kNm	0.00 kNm	19.65 kNm
24.34 m	3.12 kNm	20.59 kNm	0.00 kNm	0.00 kNm	23.71 kNm
23.84 m	3.65 kNm	24.14 kNm	0.00 kNm	0.00 kNm	27.80 kNm
23.34 m	4.23 kNm	27.68 kNm	0.00 kNm	0.00 kNm	31.91 kNm
22.84 m	4.86 kNm	31.20 kNm	0.00 kNm	0.00 kNm	36.06 kNm
22.34 m	5.53 kNm	34.71 kNm	0.00 kNm	0.00 kNm	40.23 kNm
21.84 m	6.24 kNm	38.19 kNm	0.00 kNm	0.00 kNm	44.44 kNm
21.34 m	7.01 kNm	41.67 kNm	0.00 kNm	0.00 kNm	48.68 kNm
20.84 m	7.82 kNm	45.12 kNm	0.00 kNm	0.00 kNm	52.95 kNm
20.34 m	8.69 kNm	48.57 kNm	0.00 kNm	0.00 kNm	57.26 kNm
20.34 m	8.69 kNm	48.57 kNm	0.00 kNm	0.00 kNm	57.26 kNm
19.84 m	9.60 kNm	52.00 kNm	0.00 kNm	0.00 kNm	61.60 kNm
19.34 m	10.57 kNm	55.41 kNm	0.00 kNm	0.00 kNm	65.98 kNm
18.84 m	11.58 kNm	58.81 kNm	0.00 kNm	0.00 kNm	70.40 kNm
18.34 m	12.65 kNm	62.20 kNm	0.00 kNm	0.00 kNm	74.85 kNm
17.84 m	13.76 kNm	65.58 kNm	0.00 kNm	0.00 kNm	79.34 kNm
17.34 m	14.92 kNm	68.94 kNm	0.00 kNm	0.00 kNm	83.87 kNm
16.84 m	16.14 kNm	72.30 kNm	0.00 kNm	0.00 kNm	88.44 kNm
16.34 m	17.41 kNm	75.64 kNm	0.00 kNm	0.00 kNm	93.04 kNm
15.84 m	18.72 kNm	78.97 kNm	0.00 kNm	0.00 kNm	97.69 kNm
15.34 m	20.10 kNm	82.29 kNm	0.00 kNm	0.00 kNm	102.39 kNm
15.34 m	20.10 kNm	82.29 kNm	0.00 kNm	0.00 kNm	102.39 kNm
14.84 m	21.53 kNm	85.60 kNm	0.00 kNm	0.00 kNm	107.13 kNm
14.34 m	23.00 kNm	88.90 kNm	0.00 kNm	0.00 kNm	111.90 kNm
13.84 m	24.53 kNm	92.19 kNm	0.00 kNm	0.00 kNm	116.72 kNm
13.34 m	26.11 kNm	95.48 kNm	0.00 kNm	0.00 kNm	121.59 kNm
12.84 m	27.74 kNm	98.76 kNm	0.00 kNm	0.00 kNm	126.49 kNm
12.34 m	29.42 kNm	102.02 kNm	0.00 kNm	0.00 kNm	131.44 kNm
11.84 m	31.15 kNm	105.29 kNm	0.00 kNm	0.00 kNm	136.44 kNm
11.34 m	32.93 kNm	108.54 kNm	0.00 kNm	0.00 kNm	141.47 kNm
10.84 m	34.77 kNm	111.79 kNm	0.00 kNm	0.00 kNm	146.56 kNm
10.34 m	36.66 kNm	115.04 kNm	0.00 kNm	0.00 kNm	151.69 kNm
10.34 m	36.66 kNm	115.04 kNm	0.00 kNm	0.00 kNm	151.69 kNm
9.84 m	38.60 kNm	118.27 kNm	0.00 kNm	0.00 kNm	156.88 kNm
9.34 m	40.60 kNm	121.51 kNm	0.00 kNm	0.00 kNm	162.11 kNm
8.84 m	42.64 kNm	124.74 kNm	0.00 kNm	0.00 kNm	167.38 kNm
8.34 m	44.74 kNm	127.97 kNm	0.00 kNm	0.00 kNm	172.71 kNm
7.84 m	46.89 kNm	131.19 kNm	0.00 kNm	0.00 kNm	178.08 kNm
7.34 m	49.08 kNm	134.42 kNm	0.00 kNm	0.00 kNm	183.50 kNm
6.84 m	51.33 kNm	137.64 kNm	0.00 kNm	0.00 kNm	188.97 kNm
6.34 m	53.62 kNm	140.86 kNm	0.00 kNm	0.00 kNm	194.48 kNm
5.84 m	55.94 kNm	144.08 kNm	0.00 kNm	0.00 kNm	200.02 kNm
5.34 m	58.31 kNm	147.30 kNm	0.00 kNm	0.00 kNm	205.61 kNm
5.34 m	58.31 kNm	147.30 kNm	0.00 kNm	0.00 kNm	205.61 kNm
4.72 m	61.30 kNm	151.33 kNm	0.00 kNm	0.00 kNm	212.63 kNm
4.09 m	64.34 kNm	155.35 kNm	0.00 kNm	0.00 kNm	219.69 kNm
3.49 m	67.26 kNm	159.21 kNm	0.00 kNm	0.00 kNm	226.47 kNm
3.47 m	67.42 kNm	159.38 kNm	0.00 kNm	0.00 kNm	226.80 kNm

2.84 m	70.54 kNm	163.41 kNm	0.00 kNm	0.00 kNm	233.96 kNm
2.22 m	73.70 kNm	167.45 kNm	0.00 kNm	0.00 kNm	241.15 kNm
1.59 m	76.89 kNm	171.49 kNm	0.00 kNm	0.00 kNm	248.38 kNm
1.24 m	78.69 kNm	173.76 kNm	0.00 kNm	0.00 kNm	252.45 kNm
0.97 m	80.12 kNm	175.54 kNm	0.00 kNm	0.00 kNm	255.66 kNm
0.34 m	83.39 kNm	179.60 kNm	0.00 kNm	0.00 kNm	262.99 kNm

EAST WIND

RL	SHAFT M	AREA M	POINT M	LINEAR M	COMBINED M
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.03 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.03 kNm
29.62 m	0.11 kNm	1.44 kNm	0.00 kNm	0.00 kNm	1.56 kNm
29.49 m	0.15 kNm	1.95 kNm	0.00 kNm	0.00 kNm	2.10 kNm
29.01 m	0.27 kNm	3.79 kNm	0.00 kNm	0.00 kNm	4.07 kNm
28.40 m	0.50 kNm	6.10 kNm	0.00 kNm	0.00 kNm	6.60 kNm
27.78 m	0.80 kNm	8.38 kNm	0.00 kNm	0.00 kNm	9.18 kNm
27.17 m	1.18 kNm	10.66 kNm	0.00 kNm	0.00 kNm	11.84 kNm
26.56 m	1.64 kNm	12.91 kNm	0.00 kNm	0.00 kNm	14.55 kNm
25.95 m	2.17 kNm	15.16 kNm	0.00 kNm	0.00 kNm	17.33 kNm
25.34 m	2.79 kNm	17.38 kNm	0.00 kNm	0.00 kNm	20.17 kNm
25.34 m	2.79 kNm	17.38 kNm	0.00 kNm	0.00 kNm	20.17 kNm
24.84 m	3.37 kNm	20.10 kNm	0.00 kNm	0.00 kNm	23.46 kNm
24.34 m	3.99 kNm	24.64 kNm	0.00 kNm	0.00 kNm	28.63 kNm
23.84 m	4.68 kNm	29.16 kNm	0.00 kNm	0.00 kNm	33.84 kNm
23.34 m	5.43 kNm	33.65 kNm	0.00 kNm	0.00 kNm	39.08 kNm
22.84 m	6.23 kNm	38.13 kNm	0.00 kNm	0.00 kNm	44.36 kNm
22.34 m	7.09 kNm	42.58 kNm	0.00 kNm	0.00 kNm	49.67 kNm
21.84 m	8.02 kNm	47.01 kNm	0.00 kNm	0.00 kNm	55.03 kNm
21.34 m	9.00 kNm	51.42 kNm	0.00 kNm	0.00 kNm	60.42 kNm
20.84 m	10.05 kNm	55.81 kNm	0.00 kNm	0.00 kNm	65.85 kNm
20.34 m	11.16 kNm	60.18 kNm	0.00 kNm	0.00 kNm	71.34 kNm
20.34 m	11.16 kNm	60.18 kNm	0.00 kNm	0.00 kNm	71.34 kNm
19.84 m	12.34 kNm	64.52 kNm	0.00 kNm	0.00 kNm	76.86 kNm
19.34 m	13.58 kNm	68.86 kNm	0.00 kNm	0.00 kNm	82.44 kNm
18.84 m	14.89 kNm	73.17 kNm	0.00 kNm	0.00 kNm	88.06 kNm
18.34 m	16.26 kNm	77.46 kNm	0.00 kNm	0.00 kNm	93.73 kNm
17.84 m	17.70 kNm	81.74 kNm	0.00 kNm	0.00 kNm	99.44 kNm
17.34 m	19.20 kNm	86.00 kNm	0.00 kNm	0.00 kNm	105.21 kNm
16.84 m	20.77 kNm	90.25 kNm	0.00 kNm	0.00 kNm	111.02 kNm
16.34 m	22.41 kNm	94.48 kNm	0.00 kNm	0.00 kNm	116.89 kNm
15.84 m	24.12 kNm	98.70 kNm	0.00 kNm	0.00 kNm	122.81 kNm
15.34 m	25.90 kNm	102.90 kNm	0.00 kNm	0.00 kNm	128.80 kNm
15.34 m	25.90 kNm	102.90 kNm	0.00 kNm	0.00 kNm	128.80 kNm
14.84 m	27.74 kNm	107.09 kNm	0.00 kNm	0.00 kNm	134.83 kNm
14.34 m	29.66 kNm	111.27 kNm	0.00 kNm	0.00 kNm	140.92 kNm
13.84 m	31.64 kNm	115.43 kNm	0.00 kNm	0.00 kNm	147.07 kNm
13.34 m	33.68 kNm	119.59 kNm	0.00 kNm	0.00 kNm	153.27 kNm
12.84 m	35.80 kNm	123.73 kNm	0.00 kNm	0.00 kNm	159.53 kNm
12.34 m	37.98 kNm	127.86 kNm	0.00 kNm	0.00 kNm	165.85 kNm
11.84 m	40.23 kNm	131.99 kNm	0.00 kNm	0.00 kNm	172.22 kNm
11.34 m	42.56 kNm	136.10 kNm	0.00 kNm	0.00 kNm	178.66 kNm
10.84 m	44.95 kNm	140.21 kNm	0.00 kNm	0.00 kNm	185.16 kNm
10.34 m	47.41 kNm	144.31 kNm	0.00 kNm	0.00 kNm	191.72 kNm
10.34 m	47.41 kNm	144.31 kNm	0.00 kNm	0.00 kNm	191.72 kNm
9.84 m	49.95 kNm	148.41 kNm	0.00 kNm	0.00 kNm	198.35 kNm
9.34 m	52.55 kNm	152.50 kNm	0.00 kNm	0.00 kNm	205.05 kNm
8.84 m	55.23 kNm	156.58 kNm	0.00 kNm	0.00 kNm	211.81 kNm
8.34 m	57.97 kNm	160.66 kNm	0.00 kNm	0.00 kNm	218.63 kNm
7.84 m	60.78 kNm	164.74 kNm	0.00 kNm	0.00 kNm	225.52 kNm
7.34 m	63.66 kNm	168.81 kNm	0.00 kNm	0.00 kNm	232.48 kNm
6.84 m	66.61 kNm	172.89 kNm	0.00 kNm	0.00 kNm	239.50 kNm
6.34 m	69.63 kNm	176.96 kNm	0.00 kNm	0.00 kNm	246.59 kNm
5.84 m	72.72 kNm	181.03 kNm	0.00 kNm	0.00 kNm	253.75 kNm
5.34 m	75.89 kNm	185.11 kNm	0.00 kNm	0.00 kNm	260.99 kNm
5.34 m	75.89 kNm	185.11 kNm	0.00 kNm	0.00 kNm	260.99 kNm
4.72 m	79.92 kNm	190.20 kNm	0.00 kNm	0.00 kNm	270.12 kNm
4.09 m	84.06 kNm	195.29 kNm	0.00 kNm	0.00 kNm	279.35 kNm
3.49 m	88.08 kNm	200.18 kNm	0.00 kNm	0.00 kNm	288.26 kNm
3.47 m	88.30 kNm	200.39 kNm	0.00 kNm	0.00 kNm	288.69 kNm
2.84 m	92.63 kNm	205.50 kNm	0.00 kNm	0.00 kNm	298.13 kNm
2.22 m	97.04 kNm	210.61 kNm	0.00 kNm	0.00 kNm	307.65 kNm
1.59 m	101.52 kNm	215.73 kNm	0.00 kNm	0.00 kNm	317.25 kNm
1.24 m	104.05 kNm	218.60 kNm	0.00 kNm	0.00 kNm	322.66 kNm
0.97 m	106.07 kNm	220.86 kNm	0.00 kNm	0.00 kNm	326.93 kNm
0.34 m	110.67 kNm	226.01 kNm	0.00 kNm	0.00 kNm	336.68 kNm

SOUTH EAST WIND

RL	SHAFT M	AREA M	POINT M	LINEAR M	COMBINED M
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.05 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.05 kNm
29.62 m	0.20 kNm	2.35 kNm	0.00 kNm	0.00 kNm	2.54 kNm
29.49 m	0.25 kNm	3.17 kNm	0.00 kNm	0.00 kNm	3.42 kNm
29.01 m	0.46 kNm	6.16 kNm	0.00 kNm	0.00 kNm	6.62 kNm
28.40 m	0.82 kNm	9.90 kNm	0.00 kNm	0.00 kNm	10.72 kNm
27.78 m	1.29 kNm	13.61 kNm	0.00 kNm	0.00 kNm	14.90 kNm
27.17 m	1.87 kNm	17.29 kNm	0.00 kNm	0.00 kNm	19.16 kNm
26.56 m	2.56 kNm	20.94 kNm	0.00 kNm	0.00 kNm	23.51 kNm
25.95 m	3.37 kNm	24.57 kNm	0.00 kNm	0.00 kNm	27.94 kNm
25.34 m	4.29 kNm	28.16 kNm	0.00 kNm	0.00 kNm	32.46 kNm
25.34 m	4.29 kNm	28.16 kNm	0.00 kNm	0.00 kNm	32.46 kNm
24.84 m	5.14 kNm	32.18 kNm	0.00 kNm	0.00 kNm	37.33 kNm
24.34 m	6.08 kNm	38.39 kNm	0.00 kNm	0.00 kNm	44.46 kNm
23.84 m	7.09 kNm	44.55 kNm	0.00 kNm	0.00 kNm	51.64 kNm
23.34 m	8.18 kNm	50.69 kNm	0.00 kNm	0.00 kNm	58.87 kNm
22.84 m	9.36 kNm	56.78 kNm	0.00 kNm	0.00 kNm	66.14 kNm
22.34 m	10.62 kNm	62.85 kNm	0.00 kNm	0.00 kNm	73.47 kNm
21.84 m	11.97 kNm	68.88 kNm	0.00 kNm	0.00 kNm	80.85 kNm
21.34 m	13.40 kNm	74.88 kNm	0.00 kNm	0.00 kNm	88.28 kNm
20.84 m	14.92 kNm	80.84 kNm	0.00 kNm	0.00 kNm	95.77 kNm
20.34 m	16.54 kNm	86.78 kNm	0.00 kNm	0.00 kNm	103.32 kNm

20.34 m	16.54 kNm	86.78 kNm	0.00 kNm	0.00 kNm	103.32 kNm
19.84 m	18.25 kNm	92.69 kNm	0.00 kNm	0.00 kNm	110.94 kNm
19.34 m	20.05 kNm	98.57 kNm	0.00 kNm	0.00 kNm	118.61 kNm
18.84 m	21.93 kNm	104.42 kNm	0.00 kNm	0.00 kNm	126.36 kNm
18.34 m	23.91 kNm	110.25 kNm	0.00 kNm	0.00 kNm	134.16 kNm
17.84 m	25.98 kNm	116.05 kNm	0.00 kNm	0.00 kNm	142.03 kNm
17.34 m	28.15 kNm	121.82 kNm	0.00 kNm	0.00 kNm	149.97 kNm
16.84 m	30.41 kNm	127.58 kNm	0.00 kNm	0.00 kNm	157.98 kNm
16.34 m	32.76 kNm	133.31 kNm	0.00 kNm	0.00 kNm	166.07 kNm
15.84 m	35.21 kNm	139.01 kNm	0.00 kNm	0.00 kNm	174.22 kNm
15.34 m	37.76 kNm	144.70 kNm	0.00 kNm	0.00 kNm	182.46 kNm
15.34 m	37.76 kNm	144.70 kNm	0.00 kNm	0.00 kNm	182.46 kNm
14.84 m	40.41 kNm	150.37 kNm	0.00 kNm	0.00 kNm	190.77 kNm
14.34 m	43.14 kNm	156.02 kNm	0.00 kNm	0.00 kNm	199.16 kNm
13.84 m	45.98 kNm	161.65 kNm	0.00 kNm	0.00 kNm	207.63 kNm
13.34 m	48.90 kNm	167.26 kNm	0.00 kNm	0.00 kNm	216.17 kNm
12.84 m	51.93 kNm	172.86 kNm	0.00 kNm	0.00 kNm	224.79 kNm
12.34 m	55.04 kNm	178.45 kNm	0.00 kNm	0.00 kNm	233.49 kNm
11.84 m	58.26 kNm	184.02 kNm	0.00 kNm	0.00 kNm	242.28 kNm
11.34 m	61.57 kNm	189.58 kNm	0.00 kNm	0.00 kNm	251.15 kNm
10.84 m	64.97 kNm	195.13 kNm	0.00 kNm	0.00 kNm	260.10 kNm
10.34 m	68.49 kNm	200.67 kNm	0.00 kNm	0.00 kNm	269.15 kNm
10.34 m	68.49 kNm	200.67 kNm	0.00 kNm	0.00 kNm	269.15 kNm
9.84 m	72.10 kNm	206.20 kNm	0.00 kNm	0.00 kNm	278.30 kNm
9.34 m	75.80 kNm	211.72 kNm	0.00 kNm	0.00 kNm	287.53 kNm
8.84 m	79.61 kNm	217.24 kNm	0.00 kNm	0.00 kNm	296.85 kNm
8.34 m	83.51 kNm	222.75 kNm	0.00 kNm	0.00 kNm	306.26 kNm
7.84 m	87.51 kNm	228.26 kNm	0.00 kNm	0.00 kNm	315.77 kNm
7.34 m	91.60 kNm	233.77 kNm	0.00 kNm	0.00 kNm	325.36 kNm
6.84 m	95.79 kNm	239.27 kNm	0.00 kNm	0.00 kNm	335.06 kNm
6.34 m	100.05 kNm	244.77 kNm	0.00 kNm	0.00 kNm	344.83 kNm
5.84 m	104.38 kNm	250.28 kNm	0.00 kNm	0.00 kNm	354.65 kNm
5.34 m	108.78 kNm	255.79 kNm	0.00 kNm	0.00 kNm	364.57 kNm
5.34 m	108.78 kNm	255.79 kNm	0.00 kNm	0.00 kNm	364.57 kNm
4.72 m	114.32 kNm	262.68 kNm	0.00 kNm	0.00 kNm	376.99 kNm
4.09 m	119.93 kNm	269.57 kNm	0.00 kNm	0.00 kNm	389.50 kNm
3.49 m	125.31 kNm	276.19 kNm	0.00 kNm	0.00 kNm	401.50 kNm
3.47 m	125.61 kNm	276.48 kNm	0.00 kNm	0.00 kNm	402.09 kNm
2.84 m	131.36 kNm	283.39 kNm	0.00 kNm	0.00 kNm	414.75 kNm
2.22 m	137.17 kNm	290.32 kNm	0.00 kNm	0.00 kNm	427.49 kNm
1.59 m	143.04 kNm	297.27 kNm	0.00 kNm	0.00 kNm	440.31 kNm
1.24 m	146.36 kNm	301.17 kNm	0.00 kNm	0.00 kNm	447.53 kNm
0.97 m	148.99 kNm	304.24 kNm	0.00 kNm	0.00 kNm	453.23 kNm
0.34 m	155.02 kNm	311.22 kNm	0.00 kNm	0.00 kNm	466.25 kNm

SOUTH WIND

RL	SHAFT M	AREA M	POINT M	LINEAR M	COMBINED M
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.03 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.03 kNm
29.62 m	0.13 kNm	2.02 kNm	0.00 kNm	0.00 kNm	2.15 kNm
29.49 m	0.17 kNm	2.72 kNm	0.00 kNm	0.00 kNm	2.89 kNm
29.01 m	0.33 kNm	5.29 kNm	0.00 kNm	0.00 kNm	5.61 kNm
28.40 m	0.60 kNm	8.50 kNm	0.00 kNm	0.00 kNm	9.10 kNm
27.78 m	0.96 kNm	11.68 kNm	0.00 kNm	0.00 kNm	12.65 kNm
27.17 m	1.42 kNm	14.85 kNm	0.00 kNm	0.00 kNm	16.27 kNm
26.56 m	1.96 kNm	17.99 kNm	0.00 kNm	0.00 kNm	19.95 kNm
25.95 m	2.59 kNm	21.12 kNm	0.00 kNm	0.00 kNm	23.71 kNm
25.34 m	3.32 kNm	24.21 kNm	0.00 kNm	0.00 kNm	27.53 kNm
25.34 m	3.32 kNm	24.21 kNm	0.00 kNm	0.00 kNm	27.53 kNm
24.84 m	3.99 kNm	27.56 kNm	0.00 kNm	0.00 kNm	31.55 kNm
24.34 m	4.73 kNm	32.56 kNm	0.00 kNm	0.00 kNm	37.29 kNm
23.84 m	5.53 kNm	37.53 kNm	0.00 kNm	0.00 kNm	43.06 kNm
23.34 m	6.40 kNm	42.48 kNm	0.00 kNm	0.00 kNm	48.87 kNm
22.84 m	7.33 kNm	47.40 kNm	0.00 kNm	0.00 kNm	54.73 kNm
22.34 m	8.33 kNm	52.29 kNm	0.00 kNm	0.00 kNm	60.62 kNm
21.84 m	9.40 kNm	57.16 kNm	0.00 kNm	0.00 kNm	66.56 kNm
21.34 m	10.54 kNm	62.01 kNm	0.00 kNm	0.00 kNm	72.55 kNm
20.84 m	11.75 kNm	66.83 kNm	0.00 kNm	0.00 kNm	78.57 kNm
20.34 m	13.03 kNm	71.63 kNm	0.00 kNm	0.00 kNm	84.66 kNm
20.34 m	13.03 kNm	71.63 kNm	0.00 kNm	0.00 kNm	84.66 kNm
19.84 m	14.39 kNm	76.40 kNm	0.00 kNm	0.00 kNm	90.79 kNm
19.34 m	15.82 kNm	81.16 kNm	0.00 kNm	0.00 kNm	96.98 kNm
18.84 m	17.32 kNm	85.89 kNm	0.00 kNm	0.00 kNm	103.21 kNm
18.34 m	18.89 kNm	90.60 kNm	0.00 kNm	0.00 kNm	109.50 kNm
17.84 m	20.54 kNm	95.30 kNm	0.00 kNm	0.00 kNm	115.84 kNm
17.34 m	22.26 kNm	99.98 kNm	0.00 kNm	0.00 kNm	122.23 kNm
16.84 m	24.05 kNm	104.63 kNm	0.00 kNm	0.00 kNm	128.68 kNm
16.34 m	25.92 kNm	109.27 kNm	0.00 kNm	0.00 kNm	135.19 kNm
15.84 m	27.86 kNm	113.90 kNm	0.00 kNm	0.00 kNm	141.76 kNm
15.34 m	29.89 kNm	118.51 kNm	0.00 kNm	0.00 kNm	148.39 kNm
15.34 m	29.89 kNm	118.51 kNm	0.00 kNm	0.00 kNm	148.39 kNm
14.84 m	31.98 kNm	123.10 kNm	0.00 kNm	0.00 kNm	155.09 kNm
14.34 m	34.16 kNm	127.68 kNm	0.00 kNm	0.00 kNm	161.84 kNm
13.84 m	36.40 kNm	132.25 kNm	0.00 kNm	0.00 kNm	168.65 kNm
13.34 m	38.72 kNm	136.80 kNm	0.00 kNm	0.00 kNm	175.53 kNm
12.84 m	41.12 kNm	141.34 kNm	0.00 kNm	0.00 kNm	182.46 kNm
12.34 m	43.59 kNm	145.88 kNm	0.00 kNm	0.00 kNm	189.46 kNm
11.84 m	46.13 kNm	150.40 kNm	0.00 kNm	0.00 kNm	196.53 kNm
11.34 m	48.75 kNm	154.91 kNm	0.00 kNm	0.00 kNm	203.66 kNm
10.84 m	51.45 kNm	159.41 kNm	0.00 kNm	0.00 kNm	210.86 kNm
10.34 m	54.22 kNm	163.91 kNm	0.00 kNm	0.00 kNm	218.13 kNm
10.34 m	54.22 kNm	163.91 kNm	0.00 kNm	0.00 kNm	218.13 kNm
9.84 m	57.08 kNm	168.39 kNm	0.00 kNm	0.00 kNm	225.47 kNm
9.34 m	60.01 kNm	172.88 kNm	0.00 kNm	0.00 kNm	232.89 kNm
8.84 m	63.01 kNm	177.36 kNm	0.00 kNm	0.00 kNm	240.37 kNm
8.34 m	66.09 kNm	181.83 kNm	0.00 kNm	0.00 kNm	247.92 kNm
7.84 m	69.25 kNm	186.30 kNm	0.00 kNm	0.00 kNm	255.55 kNm
7.34 m	72.48 kNm	190.77 kNm	0.00 kNm	0.00 kNm	263.25 kNm
6.84 m	75.78 kNm	195.23 kNm	0.00 kNm	0.00 kNm	271.02 kNm
6.34 m	79.14 kNm	199.70 kNm	0.00 kNm	0.00 kNm	278.84 kNm

5.84 m	82.54 kNm	204.17 kNm	0.00 kNm	0.00 kNm	286.71 kNm
5.34 m	86.00 kNm	208.64 kNm	0.00 kNm	0.00 kNm	294.64 kNm
5.34 m	86.00 kNm	208.64 kNm	0.00 kNm	0.00 kNm	294.64 kNm
4.72 m	90.34 kNm	214.22 kNm	0.00 kNm	0.00 kNm	304.57 kNm
4.09 m	94.74 kNm	219.82 kNm	0.00 kNm	0.00 kNm	314.55 kNm
3.49 m	98.95 kNm	225.18 kNm	0.00 kNm	0.00 kNm	324.13 kNm
3.47 m	99.18 kNm	225.41 kNm	0.00 kNm	0.00 kNm	324.59 kNm
2.84 m	103.67 kNm	231.02 kNm	0.00 kNm	0.00 kNm	334.69 kNm
2.22 m	108.21 kNm	236.64 kNm	0.00 kNm	0.00 kNm	344.85 kNm
1.59 m	112.79 kNm	242.26 kNm	0.00 kNm	0.00 kNm	355.05 kNm
1.24 m	115.39 kNm	245.42 kNm	0.00 kNm	0.00 kNm	360.81 kNm
0.97 m	117.44 kNm	247.90 kNm	0.00 kNm	0.00 kNm	365.34 kNm
0.34 m	122.14 kNm	253.56 kNm	0.00 kNm	0.00 kNm	375.70 kNm

SOUTH WEST WIND

RL	SHAFT M	AREA M	POINT M	LINEAR M	COMBINED M
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.03 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.03 kNm
29.62 m	0.11 kNm	1.40 kNm	0.00 kNm	0.00 kNm	1.51 kNm
29.49 m	0.14 kNm	1.89 kNm	0.00 kNm	0.00 kNm	2.03 kNm
29.01 m	0.26 kNm	3.67 kNm	0.00 kNm	0.00 kNm	3.93 kNm
28.40 m	0.45 kNm	5.91 kNm	0.00 kNm	0.00 kNm	6.36 kNm
27.78 m	0.71 kNm	8.12 kNm	0.00 kNm	0.00 kNm	8.83 kNm
27.17 m	1.03 kNm	10.32 kNm	0.00 kNm	0.00 kNm	11.35 kNm
26.56 m	1.42 kNm	12.51 kNm	0.00 kNm	0.00 kNm	13.94 kNm
25.95 m	1.89 kNm	14.69 kNm	0.00 kNm	0.00 kNm	16.58 kNm
25.34 m	2.42 kNm	16.84 kNm	0.00 kNm	0.00 kNm	19.27 kNm
25.34 m	2.42 kNm	16.84 kNm	0.00 kNm	0.00 kNm	19.27 kNm
24.84 m	2.92 kNm	19.35 kNm	0.00 kNm	0.00 kNm	22.27 kNm
24.34 m	3.47 kNm	23.37 kNm	0.00 kNm	0.00 kNm	26.84 kNm
23.84 m	4.07 kNm	27.36 kNm	0.00 kNm	0.00 kNm	31.43 kNm
23.34 m	4.72 kNm	31.34 kNm	0.00 kNm	0.00 kNm	36.06 kNm
22.84 m	5.42 kNm	35.30 kNm	0.00 kNm	0.00 kNm	40.72 kNm
22.34 m	6.17 kNm	39.23 kNm	0.00 kNm	0.00 kNm	45.41 kNm
21.84 m	6.97 kNm	43.15 kNm	0.00 kNm	0.00 kNm	50.13 kNm
21.34 m	7.83 kNm	47.05 kNm	0.00 kNm	0.00 kNm	54.88 kNm
20.84 m	8.74 kNm	50.94 kNm	0.00 kNm	0.00 kNm	59.68 kNm
20.34 m	9.71 kNm	54.80 kNm	0.00 kNm	0.00 kNm	64.51 kNm
20.34 m	9.71 kNm	54.80 kNm	0.00 kNm	0.00 kNm	64.51 kNm
19.84 m	10.73 kNm	58.65 kNm	0.00 kNm	0.00 kNm	69.38 kNm
19.34 m	11.81 kNm	62.48 kNm	0.00 kNm	0.00 kNm	74.29 kNm
18.84 m	12.94 kNm	66.29 kNm	0.00 kNm	0.00 kNm	79.24 kNm
18.34 m	14.13 kNm	70.09 kNm	0.00 kNm	0.00 kNm	84.22 kNm
17.84 m	15.37 kNm	73.88 kNm	0.00 kNm	0.00 kNm	89.25 kNm
17.34 m	16.67 kNm	77.65 kNm	0.00 kNm	0.00 kNm	94.32 kNm
16.84 m	18.02 kNm	81.40 kNm	0.00 kNm	0.00 kNm	99.43 kNm
16.34 m	19.43 kNm	85.15 kNm	0.00 kNm	0.00 kNm	104.58 kNm
15.84 m	20.90 kNm	88.88 kNm	0.00 kNm	0.00 kNm	109.77 kNm
15.34 m	22.42 kNm	92.59 kNm	0.00 kNm	0.00 kNm	115.02 kNm
15.34 m	22.42 kNm	92.59 kNm	0.00 kNm	0.00 kNm	115.02 kNm
14.84 m	24.01 kNm	96.30 kNm	0.00 kNm	0.00 kNm	120.31 kNm
14.34 m	25.64 kNm	100.00 kNm	0.00 kNm	0.00 kNm	125.64 kNm
13.84 m	27.33 kNm	103.68 kNm	0.00 kNm	0.00 kNm	131.01 kNm
13.34 m	29.08 kNm	107.35 kNm	0.00 kNm	0.00 kNm	136.43 kNm
12.84 m	30.88 kNm	111.02 kNm	0.00 kNm	0.00 kNm	141.90 kNm
12.34 m	32.74 kNm	114.67 kNm	0.00 kNm	0.00 kNm	147.41 kNm
11.84 m	34.65 kNm	118.32 kNm	0.00 kNm	0.00 kNm	152.97 kNm
11.34 m	36.61 kNm	121.96 kNm	0.00 kNm	0.00 kNm	158.57 kNm
10.84 m	38.63 kNm	125.59 kNm	0.00 kNm	0.00 kNm	164.22 kNm
10.34 m	40.71 kNm	129.22 kNm	0.00 kNm	0.00 kNm	169.93 kNm
10.34 m	40.71 kNm	129.22 kNm	0.00 kNm	0.00 kNm	169.93 kNm
9.84 m	42.85 kNm	132.84 kNm	0.00 kNm	0.00 kNm	175.69 kNm
9.34 m	45.04 kNm	136.46 kNm	0.00 kNm	0.00 kNm	181.49 kNm
8.84 m	47.28 kNm	140.07 kNm	0.00 kNm	0.00 kNm	187.35 kNm
8.34 m	49.59 kNm	143.67 kNm	0.00 kNm	0.00 kNm	193.26 kNm
7.84 m	51.94 kNm	147.28 kNm	0.00 kNm	0.00 kNm	199.22 kNm
7.34 m	54.36 kNm	150.88 kNm	0.00 kNm	0.00 kNm	205.23 kNm
6.84 m	56.83 kNm	154.48 kNm	0.00 kNm	0.00 kNm	211.30 kNm
6.34 m	59.35 kNm	158.07 kNm	0.00 kNm	0.00 kNm	217.42 kNm
5.84 m	61.90 kNm	161.67 kNm	0.00 kNm	0.00 kNm	223.57 kNm
5.34 m	64.50 kNm	165.27 kNm	0.00 kNm	0.00 kNm	229.76 kNm
5.34 m	64.50 kNm	165.27 kNm	0.00 kNm	0.00 kNm	229.76 kNm
4.72 m	67.77 kNm	169.76 kNm	0.00 kNm	0.00 kNm	237.53 kNm
4.09 m	71.08 kNm	174.26 kNm	0.00 kNm	0.00 kNm	245.34 kNm
3.49 m	74.26 kNm	178.58 kNm	0.00 kNm	0.00 kNm	252.84 kNm
3.47 m	74.44 kNm	178.76 kNm	0.00 kNm	0.00 kNm	253.20 kNm
2.84 m	77.84 kNm	183.27 kNm	0.00 kNm	0.00 kNm	261.11 kNm
2.22 m	81.28 kNm	187.78 kNm	0.00 kNm	0.00 kNm	269.06 kNm
1.59 m	84.76 kNm	192.29 kNm	0.00 kNm	0.00 kNm	277.05 kNm
1.24 m	86.73 kNm	194.83 kNm	0.00 kNm	0.00 kNm	281.56 kNm
0.97 m	88.29 kNm	196.82 kNm	0.00 kNm	0.00 kNm	285.11 kNm
0.34 m	91.87 kNm	201.36 kNm	0.00 kNm	0.00 kNm	293.23 kNm

WEST WIND

RL	SHAFT M	AREA M	POINT M	LINEAR M	COMBINED M
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.03 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.03 kNm
29.62 m	0.11 kNm	1.20 kNm	0.00 kNm	0.00 kNm	1.31 kNm
29.49 m	0.13 kNm	1.63 kNm	0.00 kNm	0.00 kNm	1.76 kNm
29.01 m	0.25 kNm	3.16 kNm	0.00 kNm	0.00 kNm	3.41 kNm
28.40 m	0.43 kNm	5.08 kNm	0.00 kNm	0.00 kNm	5.52 kNm
27.78 m	0.67 kNm	6.99 kNm	0.00 kNm	0.00 kNm	7.66 kNm
27.17 m	0.96 kNm	8.89 kNm	0.00 kNm	0.00 kNm	9.85 kNm
26.56 m	1.32 kNm	10.77 kNm	0.00 kNm	0.00 kNm	12.09 kNm
25.95 m	1.74 kNm	12.64 kNm	0.00 kNm	0.00 kNm	14.38 kNm
25.34 m	2.23 kNm	14.50 kNm	0.00 kNm	0.00 kNm	16.73 kNm
25.34 m	2.23 kNm	14.50 kNm	0.00 kNm	0.00 kNm	16.73 kNm
24.84 m	2.68 kNm	16.74 kNm	0.00 kNm	0.00 kNm	19.41 kNm
24.34 m	3.18 kNm	20.43 kNm	0.00 kNm	0.00 kNm	23.61 kNm

23.84 m	3.72 kNm	24.11 kNm	0.00 kNm	0.00 kNm	27.83 kNm
23.34 m	4.31 kNm	27.77 kNm	0.00 kNm	0.00 kNm	32.08 kNm
22.84 m	4.94 kNm	31.42 kNm	0.00 kNm	0.00 kNm	36.36 kNm
22.34 m	5.62 kNm	35.04 kNm	0.00 kNm	0.00 kNm	40.66 kNm
21.84 m	6.35 kNm	38.65 kNm	0.00 kNm	0.00 kNm	45.00 kNm
21.34 m	7.12 kNm	42.24 kNm	0.00 kNm	0.00 kNm	49.36 kNm
20.84 m	7.94 kNm	45.82 kNm	0.00 kNm	0.00 kNm	53.76 kNm
20.34 m	8.81 kNm	49.38 kNm	0.00 kNm	0.00 kNm	58.20 kNm
20.34 m	8.81 kNm	49.38 kNm	0.00 kNm	0.00 kNm	58.20 kNm
19.84 m	9.74 kNm	52.93 kNm	0.00 kNm	0.00 kNm	62.66 kNm
19.34 m	10.71 kNm	56.46 kNm	0.00 kNm	0.00 kNm	67.16 kNm
18.84 m	11.73 kNm	59.97 kNm	0.00 kNm	0.00 kNm	71.70 kNm
18.34 m	12.80 kNm	63.47 kNm	0.00 kNm	0.00 kNm	76.27 kNm
17.84 m	13.91 kNm	66.96 kNm	0.00 kNm	0.00 kNm	80.88 kNm
17.34 m	15.08 kNm	70.44 kNm	0.00 kNm	0.00 kNm	85.52 kNm
16.84 m	16.29 kNm	73.90 kNm	0.00 kNm	0.00 kNm	90.19 kNm
16.34 m	17.56 kNm	77.35 kNm	0.00 kNm	0.00 kNm	94.91 kNm
15.84 m	18.87 kNm	80.79 kNm	0.00 kNm	0.00 kNm	99.66 kNm
15.34 m	20.23 kNm	84.22 kNm	0.00 kNm	0.00 kNm	104.45 kNm
15.34 m	20.23 kNm	84.22 kNm	0.00 kNm	0.00 kNm	104.45 kNm
14.84 m	21.65 kNm	87.64 kNm	0.00 kNm	0.00 kNm	109.29 kNm
14.34 m	23.11 kNm	91.04 kNm	0.00 kNm	0.00 kNm	114.15 kNm
13.84 m	24.62 kNm	94.44 kNm	0.00 kNm	0.00 kNm	119.06 kNm
13.34 m	26.17 kNm	97.83 kNm	0.00 kNm	0.00 kNm	124.00 kNm
12.84 m	27.78 kNm	101.21 kNm	0.00 kNm	0.00 kNm	128.99 kNm
12.34 m	29.42 kNm	104.58 kNm	0.00 kNm	0.00 kNm	134.01 kNm
11.84 m	31.12 kNm	107.95 kNm	0.00 kNm	0.00 kNm	139.07 kNm
11.34 m	32.86 kNm	111.30 kNm	0.00 kNm	0.00 kNm	144.17 kNm
10.84 m	34.65 kNm	114.65 kNm	0.00 kNm	0.00 kNm	149.31 kNm
10.34 m	36.50 kNm	118.00 kNm	0.00 kNm	0.00 kNm	154.49 kNm
10.34 m	36.50 kNm	118.00 kNm	0.00 kNm	0.00 kNm	154.49 kNm
9.84 m	38.38 kNm	121.34 kNm	0.00 kNm	0.00 kNm	159.72 kNm
9.34 m	40.32 kNm	124.67 kNm	0.00 kNm	0.00 kNm	164.99 kNm
8.84 m	42.29 kNm	128.00 kNm	0.00 kNm	0.00 kNm	170.29 kNm
8.34 m	44.30 kNm	131.33 kNm	0.00 kNm	0.00 kNm	175.63 kNm
7.84 m	46.36 kNm	134.65 kNm	0.00 kNm	0.00 kNm	181.01 kNm
7.34 m	48.45 kNm	137.97 kNm	0.00 kNm	0.00 kNm	186.43 kNm
6.84 m	50.59 kNm	141.29 kNm	0.00 kNm	0.00 kNm	191.88 kNm
6.34 m	52.76 kNm	144.61 kNm	0.00 kNm	0.00 kNm	197.37 kNm
5.84 m	54.97 kNm	147.92 kNm	0.00 kNm	0.00 kNm	202.89 kNm
5.34 m	57.21 kNm	151.24 kNm	0.00 kNm	0.00 kNm	208.45 kNm
5.34 m	57.21 kNm	151.24 kNm	0.00 kNm	0.00 kNm	208.45 kNm
4.72 m	60.05 kNm	155.38 kNm	0.00 kNm	0.00 kNm	215.43 kNm
4.09 m	62.92 kNm	159.53 kNm	0.00 kNm	0.00 kNm	222.45 kNm
3.49 m	65.68 kNm	163.51 kNm	0.00 kNm	0.00 kNm	229.18 kNm
3.47 m	65.83 kNm	163.68 kNm	0.00 kNm	0.00 kNm	229.51 kNm
2.84 m	68.79 kNm	167.83 kNm	0.00 kNm	0.00 kNm	236.61 kNm
2.22 m	71.78 kNm	171.98 kNm	0.00 kNm	0.00 kNm	243.76 kNm
1.59 m	74.80 kNm	176.14 kNm	0.00 kNm	0.00 kNm	250.94 kNm
1.24 m	76.51 kNm	178.48 kNm	0.00 kNm	0.00 kNm	254.99 kNm
0.97 m	77.87 kNm	180.31 kNm	0.00 kNm	0.00 kNm	258.18 kNm
0.34 m	80.98 kNm	184.49 kNm	0.00 kNm	0.00 kNm	265.47 kNm

NORTH WEST WIND

RL	SHAFT M	AREA M	POINT M	LINEAR M	COMBINED M
30.84 m	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.00 kNm
30.23 m	0.03 kNm	0.00 kNm	0.00 kNm	0.00 kNm	0.03 kNm
29.62 m	0.11 kNm	1.53 kNm	0.00 kNm	0.00 kNm	1.64 kNm
29.49 m	0.14 kNm	2.06 kNm	0.00 kNm	0.00 kNm	2.20 kNm
29.01 m	0.26 kNm	4.00 kNm	0.00 kNm	0.00 kNm	4.26 kNm
28.40 m	0.46 kNm	6.44 kNm	0.00 kNm	0.00 kNm	6.89 kNm
27.78 m	0.71 kNm	8.85 kNm	0.00 kNm	0.00 kNm	9.57 kNm
27.17 m	1.04 kNm	11.25 kNm	0.00 kNm	0.00 kNm	12.29 kNm
26.56 m	1.44 kNm	13.64 kNm	0.00 kNm	0.00 kNm	15.08 kNm
25.95 m	1.91 kNm	16.01 kNm	0.00 kNm	0.00 kNm	17.92 kNm
25.34 m	2.45 kNm	18.36 kNm	0.00 kNm	0.00 kNm	20.81 kNm
25.34 m	2.45 kNm	18.36 kNm	0.00 kNm	0.00 kNm	20.81 kNm
24.84 m	2.96 kNm	20.96 kNm	0.00 kNm	0.00 kNm	23.91 kNm
24.34 m	3.51 kNm	24.94 kNm	0.00 kNm	0.00 kNm	28.45 kNm
23.84 m	4.12 kNm	28.90 kNm	0.00 kNm	0.00 kNm	33.01 kNm
23.34 m	4.77 kNm	32.83 kNm	0.00 kNm	0.00 kNm	37.61 kNm
22.84 m	5.48 kNm	36.75 kNm	0.00 kNm	0.00 kNm	42.23 kNm
22.34 m	6.24 kNm	40.65 kNm	0.00 kNm	0.00 kNm	46.89 kNm
21.84 m	7.05 kNm	44.53 kNm	0.00 kNm	0.00 kNm	51.58 kNm
21.34 m	7.92 kNm	48.39 kNm	0.00 kNm	0.00 kNm	56.31 kNm
20.84 m	8.83 kNm	52.24 kNm	0.00 kNm	0.00 kNm	61.07 kNm
20.34 m	9.81 kNm	56.06 kNm	0.00 kNm	0.00 kNm	65.87 kNm
20.34 m	9.81 kNm	56.06 kNm	0.00 kNm	0.00 kNm	65.87 kNm
19.84 m	10.84 kNm	59.87 kNm	0.00 kNm	0.00 kNm	70.71 kNm
19.34 m	11.93 kNm	63.66 kNm	0.00 kNm	0.00 kNm	75.59 kNm
18.84 m	13.07 kNm	67.44 kNm	0.00 kNm	0.00 kNm	80.51 kNm
18.34 m	14.27 kNm	71.20 kNm	0.00 kNm	0.00 kNm	85.47 kNm
17.84 m	15.52 kNm	74.95 kNm	0.00 kNm	0.00 kNm	90.46 kNm
17.34 m	16.82 kNm	78.68 kNm	0.00 kNm	0.00 kNm	95.50 kNm
16.84 m	18.18 kNm	82.40 kNm	0.00 kNm	0.00 kNm	100.58 kNm
16.34 m	19.59 kNm	86.10 kNm	0.00 kNm	0.00 kNm	105.69 kNm
15.84 m	21.06 kNm	89.79 kNm	0.00 kNm	0.00 kNm	110.86 kNm
15.34 m	22.59 kNm	93.47 kNm	0.00 kNm	0.00 kNm	116.07 kNm
15.34 m	22.59 kNm	93.47 kNm	0.00 kNm	0.00 kNm	116.07 kNm
14.84 m	24.18 kNm	97.14 kNm	0.00 kNm	0.00 kNm	121.32 kNm
14.34 m	25.82 kNm	100.80 kNm	0.00 kNm	0.00 kNm	126.61 kNm
13.84 m	27.51 kNm	104.44 kNm	0.00 kNm	0.00 kNm	131.95 kNm
13.34 m	29.25 kNm	108.08 kNm	0.00 kNm	0.00 kNm	137.33 kNm
12.84 m	31.05 kNm	111.70 kNm	0.00 kNm	0.00 kNm	142.76 kNm
12.34 m	32.90 kNm	115.32 kNm	0.00 kNm	0.00 kNm	148.22 kNm
11.84 m	34.81 kNm	118.93 kNm	0.00 kNm	0.00 kNm	153.74 kNm
11.34 m	36.76 kNm	122.53 kNm	0.00 kNm	0.00 kNm	159.30 kNm
10.84 m	38.77 kNm	126.13 kNm	0.00 kNm	0.00 kNm	164.90 kNm
10.34 m	40.84 kNm	129.72 kNm	0.00 kNm	0.00 kNm	170.56 kNm
10.34 m	40.84 kNm	129.72 kNm	0.00 kNm	0.00 kNm	170.56 kNm

9.84 m	42.96 kNm	133.30 kNm	0.00 kNm	0.00 kNm	176.26 kNm
9.34 m	45.14 kNm	136.88 kNm	0.00 kNm	0.00 kNm	182.01 kNm
8.84 m	47.35 kNm	140.45 kNm	0.00 kNm	0.00 kNm	187.80 kNm
8.34 m	49.62 kNm	144.02 kNm	0.00 kNm	0.00 kNm	193.64 kNm
7.84 m	51.93 kNm	147.58 kNm	0.00 kNm	0.00 kNm	199.51 kNm
7.34 m	54.28 kNm	151.15 kNm	0.00 kNm	0.00 kNm	205.43 kNm
6.84 m	56.68 kNm	154.71 kNm	0.00 kNm	0.00 kNm	211.39 kNm
6.34 m	59.12 kNm	158.27 kNm	0.00 kNm	0.00 kNm	217.39 kNm
5.84 m	61.59 kNm	161.83 kNm	0.00 kNm	0.00 kNm	223.42 kNm
5.34 m	64.11 kNm	165.39 kNm	0.00 kNm	0.00 kNm	229.50 kNm
5.34 m	64.11 kNm	165.39 kNm	0.00 kNm	0.00 kNm	229.50 kNm
4.72 m	67.28 kNm	169.84 kNm	0.00 kNm	0.00 kNm	237.12 kNm
4.09 m	70.49 kNm	174.29 kNm	0.00 kNm	0.00 kNm	244.78 kNm
3.49 m	73.58 kNm	178.56 kNm	0.00 kNm	0.00 kNm	252.14 kNm
3.47 m	73.75 kNm	178.74 kNm	0.00 kNm	0.00 kNm	252.50 kNm
2.84 m	77.05 kNm	183.20 kNm	0.00 kNm	0.00 kNm	260.25 kNm
2.22 m	80.39 kNm	187.67 kNm	0.00 kNm	0.00 kNm	268.06 kNm
1.59 m	83.77 kNm	192.14 kNm	0.00 kNm	0.00 kNm	275.91 kNm
1.24 m	85.68 kNm	194.65 kNm	0.00 kNm	0.00 kNm	280.33 kNm
0.97 m	87.20 kNm	196.62 kNm	0.00 kNm	0.00 kNm	283.82 kNm
0.34 m	90.69 kNm	201.11 kNm	0.00 kNm	0.00 kNm	291.79 kNm

----- SHEAR (V) -----

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.22 kN	0.00 kN	0.00 kN	0.00 kN	0.22 kN
29.62 m	0.45 kN	9.34 kN	0.00 kN	0.00 kN	9.80 kN
29.49 m	0.50 kN	9.34 kN	0.00 kN	0.00 kN	9.84 kN
29.01 m	0.69 kN	9.32 kN	0.00 kN	0.00 kN	10.01 kN
28.40 m	0.94 kN	9.30 kN	0.00 kN	0.00 kN	10.24 kN
27.78 m	1.19 kN	9.28 kN	0.00 kN	0.00 kN	10.47 kN
27.17 m	1.45 kN	9.26 kN	0.00 kN	0.00 kN	10.71 kN
26.56 m	1.72 kN	9.24 kN	0.00 kN	0.00 kN	10.96 kN
25.95 m	1.99 kN	9.22 kN	0.00 kN	0.00 kN	11.21 kN
25.34 m	2.27 kN	9.20 kN	0.00 kN	0.00 kN	11.47 kN
25.34 m	2.27 kN	9.20 kN	0.00 kN	0.00 kN	11.47 kN
24.84 m	2.50 kN	17.77 kN	0.00 kN	0.00 kN	20.27 kN
24.34 m	2.73 kN	17.74 kN	0.00 kN	0.00 kN	20.47 kN
23.84 m	2.97 kN	17.71 kN	0.00 kN	0.00 kN	20.68 kN
23.34 m	3.21 kN	17.68 kN	0.00 kN	0.00 kN	20.89 kN
22.84 m	3.45 kN	17.65 kN	0.00 kN	0.00 kN	21.11 kN
22.34 m	3.70 kN	17.62 kN	0.00 kN	0.00 kN	21.33 kN
21.84 m	3.96 kN	17.60 kN	0.00 kN	0.00 kN	21.55 kN
21.34 m	4.22 kN	17.57 kN	0.00 kN	0.00 kN	21.78 kN
20.84 m	4.48 kN	17.54 kN	0.00 kN	0.00 kN	22.02 kN
20.34 m	4.74 kN	17.51 kN	0.00 kN	0.00 kN	22.26 kN
20.34 m	4.74 kN	17.51 kN	0.00 kN	0.00 kN	22.26 kN
19.84 m	5.01 kN	17.49 kN	0.00 kN	0.00 kN	22.50 kN
19.34 m	5.27 kN	17.46 kN	0.00 kN	0.00 kN	22.74 kN
18.84 m	5.54 kN	17.44 kN	0.00 kN	0.00 kN	22.98 kN
18.34 m	5.82 kN	17.41 kN	0.00 kN	0.00 kN	23.23 kN
17.84 m	6.10 kN	17.39 kN	0.00 kN	0.00 kN	23.48 kN
17.34 m	6.38 kN	17.36 kN	0.00 kN	0.00 kN	23.74 kN
16.84 m	6.66 kN	17.34 kN	0.00 kN	0.00 kN	24.00 kN
16.34 m	6.94 kN	17.32 kN	0.00 kN	0.00 kN	24.26 kN
15.84 m	7.23 kN	17.29 kN	0.00 kN	0.00 kN	24.53 kN
15.34 m	7.53 kN	17.27 kN	0.00 kN	0.00 kN	24.80 kN
15.34 m	7.53 kN	17.27 kN	0.00 kN	0.00 kN	24.80 kN
14.84 m	7.81 kN	17.25 kN	0.00 kN	0.00 kN	25.06 kN
14.34 m	8.10 kN	17.23 kN	0.00 kN	0.00 kN	25.33 kN
13.84 m	8.39 kN	17.21 kN	0.00 kN	0.00 kN	25.60 kN
13.34 m	8.69 kN	17.19 kN	0.00 kN	0.00 kN	25.87 kN
12.84 m	8.98 kN	17.17 kN	0.00 kN	0.00 kN	26.15 kN
12.34 m	9.28 kN	17.15 kN	0.00 kN	0.00 kN	26.42 kN
11.84 m	9.57 kN	17.13 kN	0.00 kN	0.00 kN	26.70 kN
11.34 m	9.87 kN	17.11 kN	0.00 kN	0.00 kN	26.98 kN
10.84 m	10.17 kN	17.09 kN	0.00 kN	0.00 kN	27.26 kN
10.34 m	10.47 kN	17.08 kN	0.00 kN	0.00 kN	27.55 kN
10.34 m	10.47 kN	17.08 kN	0.00 kN	0.00 kN	27.55 kN
9.84 m	10.77 kN	17.06 kN	0.00 kN	0.00 kN	27.83 kN
9.34 m	11.06 kN	17.04 kN	0.00 kN	0.00 kN	28.10 kN
8.84 m	11.35 kN	17.03 kN	0.00 kN	0.00 kN	28.38 kN
8.34 m	11.64 kN	17.01 kN	0.00 kN	0.00 kN	28.66 kN
7.84 m	11.93 kN	17.00 kN	0.00 kN	0.00 kN	28.93 kN
7.34 m	12.22 kN	16.98 kN	0.00 kN	0.00 kN	29.20 kN
6.84 m	12.51 kN	16.97 kN	0.00 kN	0.00 kN	29.48 kN
6.34 m	12.68 kN	16.95 kN	0.00 kN	0.00 kN	29.64 kN
5.84 m	12.85 kN	16.94 kN	0.00 kN	0.00 kN	29.79 kN
5.34 m	13.01 kN	16.93 kN	0.00 kN	0.00 kN	29.94 kN
5.34 m	13.01 kN	16.93 kN	0.00 kN	0.00 kN	29.94 kN
4.72 m	13.19 kN	16.91 kN	0.00 kN	0.00 kN	30.11 kN
4.09 m	13.38 kN	16.90 kN	0.00 kN	0.00 kN	30.28 kN
3.49 m	13.56 kN	16.88 kN	0.00 kN	0.00 kN	30.45 kN
3.47 m	13.57 kN	16.88 kN	0.00 kN	0.00 kN	30.45 kN
2.84 m	13.76 kN	16.87 kN	0.00 kN	0.00 kN	30.63 kN
2.22 m	13.96 kN	16.86 kN	0.00 kN	0.00 kN	30.82 kN
1.59 m	14.16 kN	16.85 kN	0.00 kN	0.00 kN	31.01 kN
1.24 m	14.28 kN	16.84 kN	0.00 kN	0.00 kN	31.12 kN
0.97 m	14.37 kN	16.84 kN	0.00 kN	0.00 kN	31.20 kN
0.34 m	14.57 kN	16.83 kN	0.00 kN	0.00 kN	31.40 kN

NORTH EAST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN

30.23 m	0.21 kN	0.00 kN	0.00 kN	0.00 kN	0.21 kN
29.62 m	0.42 kN	7.65 kN	0.00 kN	0.00 kN	8.07 kN
29.49 m	0.47 kN	7.65 kN	0.00 kN	0.00 kN	8.11 kN
29.01 m	0.64 kN	7.63 kN	0.00 kN	0.00 kN	8.27 kN
28.40 m	0.87 kN	7.62 kN	0.00 kN	0.00 kN	8.48 kN
27.78 m	1.10 kN	7.60 kN	0.00 kN	0.00 kN	8.70 kN
27.17 m	1.35 kN	7.58 kN	0.00 kN	0.00 kN	8.93 kN
26.56 m	1.59 kN	7.57 kN	0.00 kN	0.00 kN	9.16 kN
25.95 m	1.85 kN	7.55 kN	0.00 kN	0.00 kN	9.40 kN
25.34 m	2.11 kN	7.54 kN	0.00 kN	0.00 kN	9.65 kN
25.34 m	2.11 kN	7.54 kN	0.00 kN	0.00 kN	9.65 kN
24.84 m	2.32 kN	17.21 kN	0.00 kN	0.00 kN	19.53 kN
24.34 m	2.54 kN	17.18 kN	0.00 kN	0.00 kN	19.72 kN
23.84 m	2.76 kN	17.15 kN	0.00 kN	0.00 kN	19.92 kN
23.34 m	2.99 kN	17.13 kN	0.00 kN	0.00 kN	20.12 kN
22.84 m	3.22 kN	17.10 kN	0.00 kN	0.00 kN	20.32 kN
22.34 m	3.45 kN	17.07 kN	0.00 kN	0.00 kN	20.52 kN
21.84 m	3.69 kN	17.05 kN	0.00 kN	0.00 kN	20.74 kN
21.34 m	3.93 kN	17.02 kN	0.00 kN	0.00 kN	20.95 kN
20.84 m	4.17 kN	17.00 kN	0.00 kN	0.00 kN	21.17 kN
20.34 m	4.42 kN	16.97 kN	0.00 kN	0.00 kN	21.39 kN
20.34 m	4.42 kN	16.97 kN	0.00 kN	0.00 kN	21.39 kN
19.84 m	4.67 kN	16.95 kN	0.00 kN	0.00 kN	21.61 kN
19.34 m	4.92 kN	16.92 kN	0.00 kN	0.00 kN	21.84 kN
18.84 m	5.17 kN	16.90 kN	0.00 kN	0.00 kN	22.07 kN
18.34 m	5.42 kN	16.87 kN	0.00 kN	0.00 kN	22.30 kN
17.84 m	5.68 kN	16.85 kN	0.00 kN	0.00 kN	22.53 kN
17.34 m	5.94 kN	16.83 kN	0.00 kN	0.00 kN	22.77 kN
16.84 m	6.21 kN	16.81 kN	0.00 kN	0.00 kN	23.01 kN
16.34 m	6.48 kN	16.78 kN	0.00 kN	0.00 kN	23.26 kN
15.84 m	6.75 kN	16.76 kN	0.00 kN	0.00 kN	23.51 kN
15.34 m	7.02 kN	16.74 kN	0.00 kN	0.00 kN	23.76 kN
15.34 m	7.02 kN	16.74 kN	0.00 kN	0.00 kN	23.76 kN
14.84 m	7.29 kN	16.72 kN	0.00 kN	0.00 kN	24.01 kN
14.34 m	7.56 kN	16.70 kN	0.00 kN	0.00 kN	24.26 kN
13.84 m	7.83 kN	16.68 kN	0.00 kN	0.00 kN	24.51 kN
13.34 m	8.10 kN	16.66 kN	0.00 kN	0.00 kN	24.76 kN
12.84 m	8.38 kN	16.64 kN	0.00 kN	0.00 kN	25.02 kN
12.34 m	8.65 kN	16.62 kN	0.00 kN	0.00 kN	25.28 kN
11.84 m	8.93 kN	16.61 kN	0.00 kN	0.00 kN	25.54 kN
11.34 m	9.21 kN	16.59 kN	0.00 kN	0.00 kN	25.80 kN
10.84 m	9.49 kN	16.57 kN	0.00 kN	0.00 kN	26.06 kN
10.34 m	9.77 kN	16.56 kN	0.00 kN	0.00 kN	26.33 kN
10.34 m	9.77 kN	16.56 kN	0.00 kN	0.00 kN	26.33 kN
9.84 m	10.05 kN	16.54 kN	0.00 kN	0.00 kN	26.59 kN
9.34 m	10.32 kN	16.52 kN	0.00 kN	0.00 kN	26.85 kN
8.84 m	10.60 kN	16.51 kN	0.00 kN	0.00 kN	27.11 kN
8.34 m	10.87 kN	16.49 kN	0.00 kN	0.00 kN	27.36 kN
7.84 m	11.14 kN	16.48 kN	0.00 kN	0.00 kN	27.62 kN
7.34 m	11.41 kN	16.46 kN	0.00 kN	0.00 kN	27.88 kN
6.84 m	11.68 kN	16.45 kN	0.00 kN	0.00 kN	28.13 kN
6.34 m	11.88 kN	16.44 kN	0.00 kN	0.00 kN	28.32 kN
5.84 m	12.07 kN	16.43 kN	0.00 kN	0.00 kN	28.50 kN
5.34 m	12.25 kN	16.41 kN	0.00 kN	0.00 kN	28.67 kN
5.34 m	12.25 kN	16.41 kN	0.00 kN	0.00 kN	28.67 kN
4.72 m	12.47 kN	16.40 kN	0.00 kN	0.00 kN	28.86 kN
4.09 m	12.67 kN	16.38 kN	0.00 kN	0.00 kN	29.06 kN
3.49 m	12.87 kN	16.37 kN	0.00 kN	0.00 kN	29.24 kN
3.47 m	12.87 kN	16.37 kN	0.00 kN	0.00 kN	29.24 kN
2.84 m	13.07 kN	16.36 kN	0.00 kN	0.00 kN	29.43 kN
2.22 m	13.26 kN	16.35 kN	0.00 kN	0.00 kN	29.61 kN
1.59 m	13.46 kN	16.34 kN	0.00 kN	0.00 kN	29.80 kN
1.24 m	13.58 kN	16.33 kN	0.00 kN	0.00 kN	29.91 kN
0.97 m	13.67 kN	16.33 kN	0.00 kN	0.00 kN	30.00 kN
0.34 m	13.88 kN	16.32 kN	0.00 kN	0.00 kN	30.19 kN

EAST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.26 kN	0.00 kN	0.00 kN	0.00 kN	0.26 kN
29.62 m	0.53 kN	8.90 kN	0.00 kN	0.00 kN	9.43 kN
29.49 m	0.58 kN	8.89 kN	0.00 kN	0.00 kN	9.48 kN
29.01 m	0.80 kN	8.88 kN	0.00 kN	0.00 kN	9.68 kN
28.40 m	1.09 kN	8.86 kN	0.00 kN	0.00 kN	9.95 kN
27.78 m	1.38 kN	8.84 kN	0.00 kN	0.00 kN	10.22 kN
27.17 m	1.69 kN	8.82 kN	0.00 kN	0.00 kN	10.50 kN
26.56 m	2.00 kN	8.80 kN	0.00 kN	0.00 kN	10.80 kN
25.95 m	2.32 kN	8.78 kN	0.00 kN	0.00 kN	11.10 kN
25.34 m	2.65 kN	8.76 kN	0.00 kN	0.00 kN	11.41 kN
25.34 m	2.65 kN	8.76 kN	0.00 kN	0.00 kN	11.41 kN
24.84 m	2.92 kN	21.70 kN	0.00 kN	0.00 kN	24.62 kN
24.34 m	3.20 kN	21.66 kN	0.00 kN	0.00 kN	24.86 kN
23.84 m	3.48 kN	21.62 kN	0.00 kN	0.00 kN	25.10 kN
23.34 m	3.76 kN	21.59 kN	0.00 kN	0.00 kN	25.35 kN
22.84 m	4.05 kN	21.55 kN	0.00 kN	0.00 kN	25.60 kN
22.34 m	4.35 kN	21.51 kN	0.00 kN	0.00 kN	25.86 kN
21.84 m	4.66 kN	21.48 kN	0.00 kN	0.00 kN	26.13 kN
21.34 m	4.96 kN	21.44 kN	0.00 kN	0.00 kN	26.41 kN
20.84 m	5.28 kN	21.41 kN	0.00 kN	0.00 kN	26.69 kN
20.34 m	5.60 kN	21.37 kN	0.00 kN	0.00 kN	26.97 kN
20.34 m	5.60 kN	21.37 kN	0.00 kN	0.00 kN	26.97 kN
19.84 m	5.92 kN	21.34 kN	0.00 kN	0.00 kN	27.26 kN
19.34 m	6.24 kN	21.31 kN	0.00 kN	0.00 kN	27.55 kN
18.84 m	6.57 kN	21.28 kN	0.00 kN	0.00 kN	27.84 kN
18.34 m	6.90 kN	21.24 kN	0.00 kN	0.00 kN	28.14 kN
17.84 m	7.23 kN	21.21 kN	0.00 kN	0.00 kN	28.45 kN
17.34 m	7.57 kN	21.18 kN	0.00 kN	0.00 kN	28.76 kN
16.84 m	7.92 kN	21.15 kN	0.00 kN	0.00 kN	29.07 kN
16.34 m	8.26 kN	21.12 kN	0.00 kN	0.00 kN	29.39 kN
15.84 m	8.62 kN	21.10 kN	0.00 kN	0.00 kN	29.71 kN
15.34 m	8.97 kN	21.07 kN	0.00 kN	0.00 kN	30.04 kN

15.34 m	8.97 kN	21.07 kN	0.00 kN	0.00 kN	30.04 kN
14.84 m	9.32 kN	21.04 kN	0.00 kN	0.00 kN	30.36 kN
14.34 m	9.68 kN	21.01 kN	0.00 kN	0.00 kN	30.69 kN
13.84 m	10.03 kN	20.99 kN	0.00 kN	0.00 kN	31.02 kN
13.34 m	10.39 kN	20.96 kN	0.00 kN	0.00 kN	31.35 kN
12.84 m	10.76 kN	20.94 kN	0.00 kN	0.00 kN	31.69 kN
12.34 m	11.12 kN	20.91 kN	0.00 kN	0.00 kN	32.03 kN
11.84 m	11.49 kN	20.89 kN	0.00 kN	0.00 kN	32.38 kN
11.34 m	11.86 kN	20.86 kN	0.00 kN	0.00 kN	32.72 kN
10.84 m	12.23 kN	20.84 kN	0.00 kN	0.00 kN	33.07 kN
10.34 m	12.61 kN	20.82 kN	0.00 kN	0.00 kN	33.43 kN
10.34 m	12.61 kN	20.82 kN	0.00 kN	0.00 kN	33.43 kN
9.84 m	12.98 kN	20.80 kN	0.00 kN	0.00 kN	33.77 kN
9.34 m	13.35 kN	20.78 kN	0.00 kN	0.00 kN	34.12 kN
8.84 m	13.71 kN	20.76 kN	0.00 kN	0.00 kN	34.47 kN
8.34 m	14.08 kN	20.74 kN	0.00 kN	0.00 kN	34.82 kN
7.84 m	14.45 kN	20.72 kN	0.00 kN	0.00 kN	35.17 kN
7.34 m	14.82 kN	20.70 kN	0.00 kN	0.00 kN	35.52 kN
6.84 m	15.18 kN	20.68 kN	0.00 kN	0.00 kN	35.86 kN
6.34 m	15.55 kN	20.66 kN	0.00 kN	0.00 kN	36.21 kN
5.84 m	15.91 kN	20.65 kN	0.00 kN	0.00 kN	36.56 kN
5.34 m	16.28 kN	20.63 kN	0.00 kN	0.00 kN	36.91 kN
5.34 m	16.28 kN	20.63 kN	0.00 kN	0.00 kN	36.91 kN
4.72 m	16.72 kN	20.61 kN	0.00 kN	0.00 kN	37.33 kN
4.09 m	17.16 kN	20.60 kN	0.00 kN	0.00 kN	37.75 kN
3.49 m	17.59 kN	20.58 kN	0.00 kN	0.00 kN	38.17 kN
3.47 m	17.60 kN	20.58 kN	0.00 kN	0.00 kN	38.18 kN
2.84 m	17.95 kN	20.56 kN	0.00 kN	0.00 kN	38.52 kN
2.22 m	18.28 kN	20.55 kN	0.00 kN	0.00 kN	38.83 kN
1.59 m	18.58 kN	20.54 kN	0.00 kN	0.00 kN	39.12 kN
1.24 m	18.74 kN	20.53 kN	0.00 kN	0.00 kN	39.27 kN
0.97 m	18.85 kN	20.52 kN	0.00 kN	0.00 kN	39.37 kN
0.34 m	19.07 kN	20.51 kN	0.00 kN	0.00 kN	39.59 kN

SOUTH EAST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.37 kN	0.00 kN	0.00 kN	0.00 kN	0.37 kN
29.62 m	0.75 kN	14.25 kN	0.00 kN	0.00 kN	14.99 kN
29.49 m	0.83 kN	14.24 kN	0.00 kN	0.00 kN	15.07 kN
29.01 m	1.14 kN	14.21 kN	0.00 kN	0.00 kN	15.35 kN
28.40 m	1.54 kN	14.17 kN	0.00 kN	0.00 kN	15.71 kN
27.78 m	1.96 kN	14.13 kN	0.00 kN	0.00 kN	16.09 kN
27.17 m	2.39 kN	14.10 kN	0.00 kN	0.00 kN	16.49 kN
26.56 m	2.83 kN	14.06 kN	0.00 kN	0.00 kN	16.89 kN
25.95 m	3.28 kN	14.03 kN	0.00 kN	0.00 kN	17.31 kN
25.34 m	3.75 kN	13.99 kN	0.00 kN	0.00 kN	17.74 kN
25.34 m	3.75 kN	13.99 kN	0.00 kN	0.00 kN	17.74 kN
24.84 m	4.13 kN	29.25 kN	0.00 kN	0.00 kN	33.38 kN
24.34 m	4.51 kN	29.20 kN	0.00 kN	0.00 kN	33.71 kN
23.84 m	4.91 kN	29.14 kN	0.00 kN	0.00 kN	34.05 kN
23.34 m	5.31 kN	29.08 kN	0.00 kN	0.00 kN	34.40 kN
22.84 m	5.72 kN	29.03 kN	0.00 kN	0.00 kN	34.75 kN
22.34 m	6.14 kN	28.97 kN	0.00 kN	0.00 kN	35.11 kN
21.84 m	6.56 kN	28.92 kN	0.00 kN	0.00 kN	35.49 kN
21.34 m	7.00 kN	28.87 kN	0.00 kN	0.00 kN	35.87 kN
20.84 m	7.44 kN	28.82 kN	0.00 kN	0.00 kN	36.25 kN
20.34 m	7.89 kN	28.76 kN	0.00 kN	0.00 kN	36.65 kN
20.34 m	7.89 kN	28.76 kN	0.00 kN	0.00 kN	36.65 kN
19.84 m	8.33 kN	28.71 kN	0.00 kN	0.00 kN	37.04 kN
19.34 m	8.78 kN	28.67 kN	0.00 kN	0.00 kN	37.45 kN
18.84 m	9.24 kN	28.62 kN	0.00 kN	0.00 kN	37.85 kN
18.34 m	9.70 kN	28.57 kN	0.00 kN	0.00 kN	38.27 kN
17.84 m	10.17 kN	28.52 kN	0.00 kN	0.00 kN	38.69 kN
17.34 m	10.64 kN	28.48 kN	0.00 kN	0.00 kN	39.12 kN
16.84 m	11.12 kN	28.43 kN	0.00 kN	0.00 kN	39.55 kN
16.34 m	11.61 kN	28.39 kN	0.00 kN	0.00 kN	39.99 kN
15.84 m	12.10 kN	28.34 kN	0.00 kN	0.00 kN	40.44 kN
15.34 m	12.59 kN	28.30 kN	0.00 kN	0.00 kN	40.90 kN
15.34 m	12.59 kN	28.30 kN	0.00 kN	0.00 kN	40.90 kN
14.84 m	13.08 kN	28.26 kN	0.00 kN	0.00 kN	41.34 kN
14.34 m	13.57 kN	28.22 kN	0.00 kN	0.00 kN	41.79 kN
13.84 m	14.07 kN	28.18 kN	0.00 kN	0.00 kN	42.25 kN
13.34 m	14.57 kN	28.14 kN	0.00 kN	0.00 kN	42.71 kN
12.84 m	15.07 kN	28.10 kN	0.00 kN	0.00 kN	43.17 kN
12.34 m	15.58 kN	28.07 kN	0.00 kN	0.00 kN	43.64 kN
11.84 m	16.09 kN	28.03 kN	0.00 kN	0.00 kN	44.12 kN
11.34 m	16.60 kN	28.00 kN	0.00 kN	0.00 kN	44.60 kN
10.84 m	17.12 kN	27.96 kN	0.00 kN	0.00 kN	45.08 kN
10.34 m	17.64 kN	27.93 kN	0.00 kN	0.00 kN	45.57 kN
10.34 m	17.64 kN	27.93 kN	0.00 kN	0.00 kN	45.57 kN
9.84 m	18.15 kN	27.90 kN	0.00 kN	0.00 kN	46.05 kN
9.34 m	18.66 kN	27.87 kN	0.00 kN	0.00 kN	46.52 kN
8.84 m	19.16 kN	27.84 kN	0.00 kN	0.00 kN	47.00 kN
8.34 m	19.67 kN	27.81 kN	0.00 kN	0.00 kN	47.48 kN
7.84 m	20.18 kN	27.78 kN	0.00 kN	0.00 kN	47.96 kN
7.34 m	20.69 kN	27.76 kN	0.00 kN	0.00 kN	48.44 kN
6.84 m	21.19 kN	27.73 kN	0.00 kN	0.00 kN	48.92 kN
6.34 m	21.50 kN	27.71 kN	0.00 kN	0.00 kN	49.21 kN
5.84 m	21.80 kN	27.68 kN	0.00 kN	0.00 kN	49.49 kN
5.34 m	22.09 kN	27.66 kN	0.00 kN	0.00 kN	49.75 kN
5.34 m	22.09 kN	27.66 kN	0.00 kN	0.00 kN	49.75 kN
4.72 m	22.42 kN	27.63 kN	0.00 kN	0.00 kN	50.05 kN
4.09 m	22.73 kN	27.61 kN	0.00 kN	0.00 kN	50.34 kN
3.49 m	23.02 kN	27.59 kN	0.00 kN	0.00 kN	50.60 kN
3.47 m	23.03 kN	27.59 kN	0.00 kN	0.00 kN	50.62 kN
2.84 m	23.32 kN	27.56 kN	0.00 kN	0.00 kN	50.89 kN
2.22 m	23.62 kN	27.54 kN	0.00 kN	0.00 kN	51.16 kN
1.59 m	23.91 kN	27.53 kN	0.00 kN	0.00 kN	51.44 kN
1.24 m	24.08 kN	27.52 kN	0.00 kN	0.00 kN	51.60 kN

0.97 m	24.22 kN	27.51 kN	0.00 kN	0.00 kN	51.73 kN
0.34 m	24.53 kN	27.49 kN	0.00 kN	0.00 kN	52.02 kN

SOUTH WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.30 kN	0.00 kN	0.00 kN	0.00 kN	0.30 kN
29.62 m	0.61 kN	12.36 kN	0.00 kN	0.00 kN	12.97 kN
29.49 m	0.67 kN	12.35 kN	0.00 kN	0.00 kN	13.03 kN
29.01 m	0.93 kN	12.33 kN	0.00 kN	0.00 kN	13.25 kN
28.40 m	1.25 kN	12.30 kN	0.00 kN	0.00 kN	13.55 kN
27.78 m	1.59 kN	12.27 kN	0.00 kN	0.00 kN	13.86 kN
27.17 m	1.94 kN	12.24 kN	0.00 kN	0.00 kN	14.18 kN
26.56 m	2.30 kN	12.21 kN	0.00 kN	0.00 kN	14.51 kN
25.95 m	2.67 kN	12.18 kN	0.00 kN	0.00 kN	14.85 kN
25.34 m	3.04 kN	12.15 kN	0.00 kN	0.00 kN	15.20 kN
25.34 m	3.04 kN	12.15 kN	0.00 kN	0.00 kN	15.20 kN
24.84 m	3.35 kN	23.80 kN	0.00 kN	0.00 kN	27.15 kN
24.34 m	3.66 kN	23.76 kN	0.00 kN	0.00 kN	27.42 kN
23.84 m	3.98 kN	23.71 kN	0.00 kN	0.00 kN	27.70 kN
23.34 m	4.31 kN	23.67 kN	0.00 kN	0.00 kN	27.98 kN
22.84 m	4.64 kN	23.63 kN	0.00 kN	0.00 kN	28.27 kN
22.34 m	4.98 kN	23.59 kN	0.00 kN	0.00 kN	28.56 kN
21.84 m	5.32 kN	23.55 kN	0.00 kN	0.00 kN	28.87 kN
21.34 m	5.66 kN	23.51 kN	0.00 kN	0.00 kN	29.17 kN
20.84 m	6.02 kN	23.47 kN	0.00 kN	0.00 kN	29.49 kN
20.34 m	6.38 kN	23.43 kN	0.00 kN	0.00 kN	29.80 kN
20.34 m	6.38 kN	23.43 kN	0.00 kN	0.00 kN	29.80 kN
19.84 m	6.73 kN	23.39 kN	0.00 kN	0.00 kN	30.12 kN
19.34 m	7.09 kN	23.35 kN	0.00 kN	0.00 kN	30.44 kN
18.84 m	7.45 kN	23.32 kN	0.00 kN	0.00 kN	30.77 kN
18.34 m	7.82 kN	23.28 kN	0.00 kN	0.00 kN	31.10 kN
17.84 m	8.19 kN	23.24 kN	0.00 kN	0.00 kN	31.44 kN
17.34 m	8.57 kN	23.21 kN	0.00 kN	0.00 kN	31.78 kN
16.84 m	8.95 kN	23.18 kN	0.00 kN	0.00 kN	32.13 kN
16.34 m	9.33 kN	23.14 kN	0.00 kN	0.00 kN	32.48 kN
15.84 m	9.72 kN	23.11 kN	0.00 kN	0.00 kN	32.83 kN
15.34 m	10.12 kN	23.08 kN	0.00 kN	0.00 kN	33.19 kN
15.34 m	10.12 kN	23.08 kN	0.00 kN	0.00 kN	33.19 kN
14.84 m	10.50 kN	23.04 kN	0.00 kN	0.00 kN	33.55 kN
14.34 m	10.89 kN	23.01 kN	0.00 kN	0.00 kN	33.91 kN
13.84 m	11.28 kN	22.98 kN	0.00 kN	0.00 kN	34.27 kN
13.34 m	11.68 kN	22.95 kN	0.00 kN	0.00 kN	34.63 kN
12.84 m	12.08 kN	22.93 kN	0.00 kN	0.00 kN	35.00 kN
12.34 m	12.48 kN	22.90 kN	0.00 kN	0.00 kN	35.37 kN
11.84 m	12.88 kN	22.87 kN	0.00 kN	0.00 kN	35.75 kN
11.34 m	13.28 kN	22.84 kN	0.00 kN	0.00 kN	36.13 kN
10.84 m	13.69 kN	22.82 kN	0.00 kN	0.00 kN	36.51 kN
10.34 m	14.10 kN	22.79 kN	0.00 kN	0.00 kN	36.89 kN
10.34 m	14.10 kN	22.79 kN	0.00 kN	0.00 kN	36.89 kN
9.84 m	14.50 kN	22.77 kN	0.00 kN	0.00 kN	37.27 kN
9.34 m	14.90 kN	22.74 kN	0.00 kN	0.00 kN	37.64 kN
8.84 m	15.30 kN	22.72 kN	0.00 kN	0.00 kN	38.02 kN
8.34 m	15.70 kN	22.70 kN	0.00 kN	0.00 kN	38.40 kN
7.84 m	16.09 kN	22.68 kN	0.00 kN	0.00 kN	38.77 kN
7.34 m	16.49 kN	22.66 kN	0.00 kN	0.00 kN	39.15 kN
6.84 m	16.88 kN	22.64 kN	0.00 kN	0.00 kN	39.52 kN
6.34 m	17.11 kN	22.62 kN	0.00 kN	0.00 kN	39.72 kN
5.84 m	17.32 kN	22.60 kN	0.00 kN	0.00 kN	39.92 kN
5.34 m	17.52 kN	22.58 kN	0.00 kN	0.00 kN	40.10 kN
5.34 m	17.52 kN	22.58 kN	0.00 kN	0.00 kN	40.10 kN
4.72 m	17.76 kN	22.56 kN	0.00 kN	0.00 kN	40.32 kN
4.09 m	17.98 kN	22.54 kN	0.00 kN	0.00 kN	40.53 kN
3.49 m	18.19 kN	22.52 kN	0.00 kN	0.00 kN	40.72 kN
3.47 m	18.20 kN	22.52 kN	0.00 kN	0.00 kN	40.73 kN
2.84 m	18.43 kN	22.51 kN	0.00 kN	0.00 kN	40.94 kN
2.22 m	18.66 kN	22.49 kN	0.00 kN	0.00 kN	41.15 kN
1.59 m	18.89 kN	22.47 kN	0.00 kN	0.00 kN	41.36 kN
1.24 m	19.02 kN	22.47 kN	0.00 kN	0.00 kN	41.49 kN
0.97 m	19.12 kN	22.46 kN	0.00 kN	0.00 kN	41.59 kN
0.34 m	19.37 kN	22.45 kN	0.00 kN	0.00 kN	41.81 kN

SOUTH WEST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.24 kN	0.00 kN	0.00 kN	0.00 kN	0.24 kN
29.62 m	0.48 kN	8.67 kN	0.00 kN	0.00 kN	9.15 kN
29.49 m	0.53 kN	8.67 kN	0.00 kN	0.00 kN	9.20 kN
29.01 m	0.73 kN	8.65 kN	0.00 kN	0.00 kN	9.38 kN
28.40 m	0.99 kN	8.63 kN	0.00 kN	0.00 kN	9.62 kN
27.78 m	1.25 kN	8.61 kN	0.00 kN	0.00 kN	9.87 kN
27.17 m	1.53 kN	8.59 kN	0.00 kN	0.00 kN	10.12 kN
26.56 m	1.80 kN	8.57 kN	0.00 kN	0.00 kN	10.38 kN
25.95 m	2.09 kN	8.56 kN	0.00 kN	0.00 kN	10.65 kN
25.34 m	2.38 kN	8.54 kN	0.00 kN	0.00 kN	10.92 kN
25.34 m	2.38 kN	8.54 kN	0.00 kN	0.00 kN	10.92 kN
24.84 m	2.62 kN	19.30 kN	0.00 kN	0.00 kN	21.92 kN
24.34 m	2.86 kN	19.26 kN	0.00 kN	0.00 kN	22.13 kN
23.84 m	3.11 kN	19.23 kN	0.00 kN	0.00 kN	22.34 kN
23.34 m	3.36 kN	19.20 kN	0.00 kN	0.00 kN	22.56 kN
22.84 m	3.61 kN	19.17 kN	0.00 kN	0.00 kN	22.78 kN
22.34 m	3.87 kN	19.13 kN	0.00 kN	0.00 kN	23.01 kN
21.84 m	4.14 kN	19.10 kN	0.00 kN	0.00 kN	23.24 kN
21.34 m	4.40 kN	19.07 kN	0.00 kN	0.00 kN	23.47 kN
20.84 m	4.67 kN	19.04 kN	0.00 kN	0.00 kN	23.71 kN
20.34 m	4.95 kN	19.01 kN	0.00 kN	0.00 kN	23.96 kN
20.34 m	4.95 kN	19.01 kN	0.00 kN	0.00 kN	23.96 kN
19.84 m	5.22 kN	18.98 kN	0.00 kN	0.00 kN	24.20 kN
19.34 m	5.50 kN	18.95 kN	0.00 kN	0.00 kN	24.45 kN

18.84 m	5.77 kN	18.92 kN	0.00 kN	0.00 kN	24.70 kN
18.34 m	6.06 kN	18.89 kN	0.00 kN	0.00 kN	24.95 kN
17.84 m	6.34 kN	18.86 kN	0.00 kN	0.00 kN	25.20 kN
17.34 m	6.62 kN	18.84 kN	0.00 kN	0.00 kN	25.46 kN
16.84 m	6.91 kN	18.81 kN	0.00 kN	0.00 kN	25.72 kN
16.34 m	7.20 kN	18.78 kN	0.00 kN	0.00 kN	25.99 kN
15.84 m	7.50 kN	18.76 kN	0.00 kN	0.00 kN	26.25 kN
15.34 m	7.79 kN	18.73 kN	0.00 kN	0.00 kN	26.52 kN
15.34 m	7.79 kN	18.73 kN	0.00 kN	0.00 kN	26.52 kN
14.84 m	8.08 kN	18.71 kN	0.00 kN	0.00 kN	26.79 kN
14.34 m	8.37 kN	18.68 kN	0.00 kN	0.00 kN	27.06 kN
13.84 m	8.66 kN	18.66 kN	0.00 kN	0.00 kN	27.32 kN
13.34 m	8.96 kN	18.64 kN	0.00 kN	0.00 kN	27.59 kN
12.84 m	9.25 kN	18.61 kN	0.00 kN	0.00 kN	27.87 kN
12.34 m	9.55 kN	18.59 kN	0.00 kN	0.00 kN	28.14 kN
11.84 m	9.85 kN	18.57 kN	0.00 kN	0.00 kN	28.41 kN
11.34 m	10.14 kN	18.55 kN	0.00 kN	0.00 kN	28.69 kN
10.84 m	10.44 kN	18.53 kN	0.00 kN	0.00 kN	28.97 kN
10.34 m	10.74 kN	18.51 kN	0.00 kN	0.00 kN	29.25 kN
10.34 m	10.74 kN	18.51 kN	0.00 kN	0.00 kN	29.25 kN
9.84 m	11.04 kN	18.49 kN	0.00 kN	0.00 kN	29.52 kN
9.34 m	11.33 kN	18.47 kN	0.00 kN	0.00 kN	29.80 kN
8.84 m	11.63 kN	18.45 kN	0.00 kN	0.00 kN	30.08 kN
8.34 m	11.93 kN	18.43 kN	0.00 kN	0.00 kN	30.36 kN
7.84 m	12.24 kN	18.41 kN	0.00 kN	0.00 kN	30.65 kN
7.34 m	12.55 kN	18.40 kN	0.00 kN	0.00 kN	30.94 kN
6.84 m	12.86 kN	18.38 kN	0.00 kN	0.00 kN	31.24 kN
6.34 m	13.05 kN	18.36 kN	0.00 kN	0.00 kN	31.41 kN
5.84 m	13.23 kN	18.35 kN	0.00 kN	0.00 kN	31.58 kN
5.34 m	13.41 kN	18.33 kN	0.00 kN	0.00 kN	31.74 kN
5.34 m	13.41 kN	18.33 kN	0.00 kN	0.00 kN	31.74 kN
4.72 m	13.62 kN	18.32 kN	0.00 kN	0.00 kN	31.93 kN
4.09 m	13.82 kN	18.30 kN	0.00 kN	0.00 kN	32.12 kN
3.49 m	14.01 kN	18.28 kN	0.00 kN	0.00 kN	32.29 kN
3.47 m	14.01 kN	18.28 kN	0.00 kN	0.00 kN	32.30 kN
2.84 m	14.22 kN	18.27 kN	0.00 kN	0.00 kN	32.48 kN
2.22 m	14.41 kN	18.25 kN	0.00 kN	0.00 kN	32.67 kN
1.59 m	14.62 kN	18.24 kN	0.00 kN	0.00 kN	32.86 kN
1.24 m	14.73 kN	18.23 kN	0.00 kN	0.00 kN	32.96 kN
0.97 m	14.82 kN	18.23 kN	0.00 kN	0.00 kN	33.05 kN
0.34 m	15.03 kN	18.22 kN	0.00 kN	0.00 kN	33.25 kN

WEST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.22 kN	0.00 kN	0.00 kN	0.00 kN	0.22 kN
29.62 m	0.44 kN	7.49 kN	0.00 kN	0.00 kN	7.93 kN
29.49 m	0.49 kN	7.48 kN	0.00 kN	0.00 kN	7.97 kN
29.01 m	0.67 kN	7.47 kN	0.00 kN	0.00 kN	8.14 kN
28.40 m	0.91 kN	7.45 kN	0.00 kN	0.00 kN	8.36 kN
27.78 m	1.15 kN	7.44 kN	0.00 kN	0.00 kN	8.59 kN
27.17 m	1.40 kN	7.42 kN	0.00 kN	0.00 kN	8.82 kN
26.56 m	1.65 kN	7.40 kN	0.00 kN	0.00 kN	9.06 kN
25.95 m	1.91 kN	7.39 kN	0.00 kN	0.00 kN	9.30 kN
25.34 m	2.18 kN	7.37 kN	0.00 kN	0.00 kN	9.55 kN
25.34 m	2.18 kN	7.37 kN	0.00 kN	0.00 kN	9.55 kN
24.84 m	2.39 kN	17.81 kN	0.00 kN	0.00 kN	20.20 kN
24.34 m	2.61 kN	17.78 kN	0.00 kN	0.00 kN	20.39 kN
23.84 m	2.84 kN	17.75 kN	0.00 kN	0.00 kN	20.58 kN
23.34 m	3.06 kN	17.72 kN	0.00 kN	0.00 kN	20.78 kN
22.84 m	3.29 kN	17.69 kN	0.00 kN	0.00 kN	20.98 kN
22.34 m	3.52 kN	17.66 kN	0.00 kN	0.00 kN	21.18 kN
21.84 m	3.76 kN	17.63 kN	0.00 kN	0.00 kN	21.39 kN
21.34 m	4.00 kN	17.60 kN	0.00 kN	0.00 kN	21.60 kN
20.84 m	4.24 kN	17.57 kN	0.00 kN	0.00 kN	21.82 kN
20.34 m	4.49 kN	17.55 kN	0.00 kN	0.00 kN	22.03 kN
20.34 m	4.49 kN	17.55 kN	0.00 kN	0.00 kN	22.03 kN
19.84 m	4.73 kN	17.52 kN	0.00 kN	0.00 kN	22.25 kN
19.34 m	4.98 kN	17.49 kN	0.00 kN	0.00 kN	22.47 kN
18.84 m	5.22 kN	17.47 kN	0.00 kN	0.00 kN	22.69 kN
18.34 m	5.47 kN	17.44 kN	0.00 kN	0.00 kN	22.91 kN
17.84 m	5.72 kN	17.42 kN	0.00 kN	0.00 kN	23.14 kN
17.34 m	5.97 kN	17.39 kN	0.00 kN	0.00 kN	23.36 kN
16.84 m	6.23 kN	17.37 kN	0.00 kN	0.00 kN	23.59 kN
16.34 m	6.48 kN	17.34 kN	0.00 kN	0.00 kN	23.82 kN
15.84 m	6.74 kN	17.32 kN	0.00 kN	0.00 kN	24.06 kN
15.34 m	7.00 kN	17.30 kN	0.00 kN	0.00 kN	24.29 kN
15.34 m	7.00 kN	17.30 kN	0.00 kN	0.00 kN	24.29 kN
14.84 m	7.25 kN	17.27 kN	0.00 kN	0.00 kN	24.52 kN
14.34 m	7.50 kN	17.25 kN	0.00 kN	0.00 kN	24.75 kN
13.84 m	7.75 kN	17.23 kN	0.00 kN	0.00 kN	24.98 kN
13.34 m	8.01 kN	17.21 kN	0.00 kN	0.00 kN	25.22 kN
12.84 m	8.26 kN	17.19 kN	0.00 kN	0.00 kN	25.45 kN
12.34 m	8.52 kN	17.17 kN	0.00 kN	0.00 kN	25.68 kN
11.84 m	8.77 kN	17.15 kN	0.00 kN	0.00 kN	25.92 kN
11.34 m	9.03 kN	17.13 kN	0.00 kN	0.00 kN	26.16 kN
10.84 m	9.28 kN	17.11 kN	0.00 kN	0.00 kN	26.39 kN
10.34 m	9.54 kN	17.09 kN	0.00 kN	0.00 kN	26.63 kN
10.34 m	9.54 kN	17.09 kN	0.00 kN	0.00 kN	26.63 kN
9.84 m	9.79 kN	17.07 kN	0.00 kN	0.00 kN	26.86 kN
9.34 m	10.01 kN	17.06 kN	0.00 kN	0.00 kN	27.07 kN
8.84 m	10.24 kN	17.04 kN	0.00 kN	0.00 kN	27.28 kN
8.34 m	10.46 kN	17.02 kN	0.00 kN	0.00 kN	27.49 kN
7.84 m	10.69 kN	17.01 kN	0.00 kN	0.00 kN	27.69 kN
7.34 m	10.91 kN	16.99 kN	0.00 kN	0.00 kN	27.90 kN
6.84 m	11.14 kN	16.97 kN	0.00 kN	0.00 kN	28.11 kN
6.34 m	11.31 kN	16.96 kN	0.00 kN	0.00 kN	28.27 kN
5.84 m	11.48 kN	16.95 kN	0.00 kN	0.00 kN	28.43 kN
5.34 m	11.65 kN	16.93 kN	0.00 kN	0.00 kN	28.58 kN
5.34 m	11.65 kN	16.93 kN	0.00 kN	0.00 kN	28.58 kN

4.72 m	11.85 kN	16.92 kN	0.00 kN	0.00 kN	28.77 kN
4.09 m	12.04 kN	16.90 kN	0.00 kN	0.00 kN	28.94 kN
3.49 m	12.22 kN	16.89 kN	0.00 kN	0.00 kN	29.11 kN
3.47 m	12.23 kN	16.89 kN	0.00 kN	0.00 kN	29.11 kN
2.84 m	12.42 kN	16.87 kN	0.00 kN	0.00 kN	29.29 kN
2.22 m	12.62 kN	16.86 kN	0.00 kN	0.00 kN	29.48 kN
1.59 m	12.82 kN	16.85 kN	0.00 kN	0.00 kN	29.66 kN
1.24 m	12.93 kN	16.84 kN	0.00 kN	0.00 kN	29.77 kN
0.97 m	13.02 kN	16.83 kN	0.00 kN	0.00 kN	29.85 kN
0.34 m	13.23 kN	16.82 kN	0.00 kN	0.00 kN	30.05 kN

NORTH WEST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.24 kN	0.00 kN	0.00 kN	0.00 kN	0.24 kN
29.62 m	0.49 kN	9.46 kN	0.00 kN	0.00 kN	9.95 kN
29.49 m	0.54 kN	9.45 kN	0.00 kN	0.00 kN	10.00 kN
29.01 m	0.75 kN	9.44 kN	0.00 kN	0.00 kN	10.18 kN
28.40 m	1.01 kN	9.41 kN	0.00 kN	0.00 kN	10.42 kN
27.78 m	1.28 kN	9.39 kN	0.00 kN	0.00 kN	10.67 kN
27.17 m	1.55 kN	9.37 kN	0.00 kN	0.00 kN	10.92 kN
26.56 m	1.84 kN	9.35 kN	0.00 kN	0.00 kN	11.19 kN
25.95 m	2.13 kN	9.33 kN	0.00 kN	0.00 kN	11.45 kN
25.34 m	2.42 kN	9.31 kN	0.00 kN	0.00 kN	11.73 kN
25.34 m	2.42 kN	9.31 kN	0.00 kN	0.00 kN	11.73 kN
24.84 m	2.66 kN	19.12 kN	0.00 kN	0.00 kN	21.78 kN
24.34 m	2.91 kN	19.08 kN	0.00 kN	0.00 kN	21.99 kN
23.84 m	3.16 kN	19.05 kN	0.00 kN	0.00 kN	22.21 kN
23.34 m	3.41 kN	19.02 kN	0.00 kN	0.00 kN	22.43 kN
22.84 m	3.67 kN	18.98 kN	0.00 kN	0.00 kN	22.65 kN
22.34 m	3.93 kN	18.95 kN	0.00 kN	0.00 kN	22.88 kN
21.84 m	4.19 kN	18.92 kN	0.00 kN	0.00 kN	23.11 kN
21.34 m	4.46 kN	18.89 kN	0.00 kN	0.00 kN	23.35 kN
20.84 m	4.73 kN	18.86 kN	0.00 kN	0.00 kN	23.59 kN
20.34 m	5.00 kN	18.83 kN	0.00 kN	0.00 kN	23.83 kN
20.34 m	5.00 kN	18.83 kN	0.00 kN	0.00 kN	23.83 kN
19.84 m	5.28 kN	18.80 kN	0.00 kN	0.00 kN	24.07 kN
19.34 m	5.55 kN	18.77 kN	0.00 kN	0.00 kN	24.32 kN
18.84 m	5.83 kN	18.74 kN	0.00 kN	0.00 kN	24.57 kN
18.34 m	6.11 kN	18.71 kN	0.00 kN	0.00 kN	24.82 kN
17.84 m	6.39 kN	18.68 kN	0.00 kN	0.00 kN	25.07 kN
17.34 m	6.67 kN	18.66 kN	0.00 kN	0.00 kN	25.33 kN
16.84 m	6.96 kN	18.63 kN	0.00 kN	0.00 kN	25.58 kN
16.34 m	7.24 kN	18.60 kN	0.00 kN	0.00 kN	25.84 kN
15.84 m	7.53 kN	18.58 kN	0.00 kN	0.00 kN	26.11 kN
15.34 m	7.82 kN	18.55 kN	0.00 kN	0.00 kN	26.37 kN
15.34 m	7.82 kN	18.55 kN	0.00 kN	0.00 kN	26.37 kN
14.84 m	8.11 kN	18.53 kN	0.00 kN	0.00 kN	26.63 kN
14.34 m	8.39 kN	18.50 kN	0.00 kN	0.00 kN	26.89 kN
13.84 m	8.68 kN	18.48 kN	0.00 kN	0.00 kN	27.15 kN
13.34 m	8.96 kN	18.45 kN	0.00 kN	0.00 kN	27.42 kN
12.84 m	9.25 kN	18.43 kN	0.00 kN	0.00 kN	27.68 kN
12.34 m	9.54 kN	18.41 kN	0.00 kN	0.00 kN	27.94 kN
11.84 m	9.82 kN	18.39 kN	0.00 kN	0.00 kN	28.21 kN
11.34 m	10.11 kN	18.36 kN	0.00 kN	0.00 kN	28.48 kN
10.84 m	10.40 kN	18.34 kN	0.00 kN	0.00 kN	28.75 kN
10.34 m	10.69 kN	18.32 kN	0.00 kN	0.00 kN	29.01 kN
10.34 m	10.69 kN	18.32 kN	0.00 kN	0.00 kN	29.01 kN
9.84 m	10.97 kN	18.30 kN	0.00 kN	0.00 kN	29.28 kN
9.34 m	11.22 kN	18.28 kN	0.00 kN	0.00 kN	29.51 kN
8.84 m	11.48 kN	18.27 kN	0.00 kN	0.00 kN	29.74 kN
8.34 m	11.73 kN	18.25 kN	0.00 kN	0.00 kN	29.97 kN
7.84 m	11.98 kN	18.23 kN	0.00 kN	0.00 kN	30.21 kN
7.34 m	12.23 kN	18.21 kN	0.00 kN	0.00 kN	30.44 kN
6.84 m	12.48 kN	18.20 kN	0.00 kN	0.00 kN	30.67 kN
6.34 m	12.66 kN	18.18 kN	0.00 kN	0.00 kN	30.84 kN
5.84 m	12.84 kN	18.16 kN	0.00 kN	0.00 kN	31.00 kN
5.34 m	13.01 kN	18.15 kN	0.00 kN	0.00 kN	31.16 kN
5.34 m	13.01 kN	18.15 kN	0.00 kN	0.00 kN	31.16 kN
4.72 m	13.22 kN	18.13 kN	0.00 kN	0.00 kN	31.35 kN
4.09 m	13.42 kN	18.12 kN	0.00 kN	0.00 kN	31.53 kN
3.49 m	13.61 kN	18.10 kN	0.00 kN	0.00 kN	31.71 kN
3.47 m	13.61 kN	18.10 kN	0.00 kN	0.00 kN	31.71 kN
2.84 m	13.81 kN	18.08 kN	0.00 kN	0.00 kN	31.90 kN
2.22 m	14.01 kN	18.07 kN	0.00 kN	0.00 kN	32.08 kN
1.59 m	14.22 kN	18.06 kN	0.00 kN	0.00 kN	32.28 kN
1.24 m	14.34 kN	18.05 kN	0.00 kN	0.00 kN	32.39 kN
0.97 m	14.43 kN	18.04 kN	0.00 kN	0.00 kN	32.48 kN
0.34 m	14.65 kN	18.03 kN	0.00 kN	0.00 kN	32.68 kN

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.22 kN	0.00 kN	0.00 kN	0.00 kN	0.22 kN
29.62 m	0.45 kN	9.34 kN	0.00 kN	0.00 kN	9.80 kN
29.49 m	0.50 kN	9.34 kN	0.00 kN	0.00 kN	9.84 kN
29.01 m	0.69 kN	9.32 kN	0.00 kN	0.00 kN	10.01 kN
28.40 m	0.94 kN	9.30 kN	0.00 kN	0.00 kN	10.24 kN
27.78 m	1.19 kN	9.28 kN	0.00 kN	0.00 kN	10.47 kN
27.17 m	1.45 kN	9.26 kN	0.00 kN	0.00 kN	10.71 kN
26.56 m	1.72 kN	9.24 kN	0.00 kN	0.00 kN	10.96 kN
25.95 m	1.99 kN	9.22 kN	0.00 kN	0.00 kN	11.21 kN
25.34 m	2.27 kN	9.20 kN	0.00 kN	0.00 kN	11.47 kN
25.34 m	2.27 kN	9.20 kN	0.00 kN	0.00 kN	11.47 kN
24.84 m	2.50 kN	17.77 kN	0.00 kN	0.00 kN	20.27 kN
24.34 m	2.73 kN	17.74 kN	0.00 kN	0.00 kN	20.47 kN
23.84 m	2.97 kN	17.71 kN	0.00 kN	0.00 kN	20.68 kN
23.34 m	3.21 kN	17.68 kN	0.00 kN	0.00 kN	20.89 kN

22.84 m	3.45 kN	17.65 kN	0.00 kN	0.00 kN	21.11 kN
22.34 m	3.70 kN	17.62 kN	0.00 kN	0.00 kN	21.33 kN
21.84 m	3.96 kN	17.60 kN	0.00 kN	0.00 kN	21.55 kN
21.34 m	4.22 kN	17.57 kN	0.00 kN	0.00 kN	21.78 kN
20.84 m	4.48 kN	17.54 kN	0.00 kN	0.00 kN	22.02 kN
20.34 m	4.74 kN	17.51 kN	0.00 kN	0.00 kN	22.26 kN
20.34 m	4.74 kN	17.51 kN	0.00 kN	0.00 kN	22.26 kN
19.84 m	5.01 kN	17.49 kN	0.00 kN	0.00 kN	22.50 kN
19.34 m	5.27 kN	17.46 kN	0.00 kN	0.00 kN	22.74 kN
18.84 m	5.54 kN	17.44 kN	0.00 kN	0.00 kN	22.98 kN
18.34 m	5.82 kN	17.41 kN	0.00 kN	0.00 kN	23.23 kN
17.84 m	6.10 kN	17.39 kN	0.00 kN	0.00 kN	23.48 kN
17.34 m	6.38 kN	17.36 kN	0.00 kN	0.00 kN	23.74 kN
16.84 m	6.66 kN	17.34 kN	0.00 kN	0.00 kN	24.00 kN
16.34 m	6.94 kN	17.32 kN	0.00 kN	0.00 kN	24.26 kN
15.84 m	7.23 kN	17.29 kN	0.00 kN	0.00 kN	24.53 kN
15.34 m	7.53 kN	17.27 kN	0.00 kN	0.00 kN	24.80 kN
15.34 m	7.53 kN	17.27 kN	0.00 kN	0.00 kN	24.80 kN
14.84 m	7.81 kN	17.25 kN	0.00 kN	0.00 kN	25.06 kN
14.34 m	8.10 kN	17.23 kN	0.00 kN	0.00 kN	25.33 kN
13.84 m	8.39 kN	17.21 kN	0.00 kN	0.00 kN	25.60 kN
13.34 m	8.69 kN	17.19 kN	0.00 kN	0.00 kN	25.87 kN
12.84 m	8.98 kN	17.17 kN	0.00 kN	0.00 kN	26.15 kN
12.34 m	9.28 kN	17.15 kN	0.00 kN	0.00 kN	26.42 kN
11.84 m	9.57 kN	17.13 kN	0.00 kN	0.00 kN	26.70 kN
11.34 m	9.87 kN	17.11 kN	0.00 kN	0.00 kN	26.98 kN
10.84 m	10.17 kN	17.09 kN	0.00 kN	0.00 kN	27.26 kN
10.34 m	10.47 kN	17.08 kN	0.00 kN	0.00 kN	27.55 kN
10.34 m	10.47 kN	17.08 kN	0.00 kN	0.00 kN	27.55 kN
9.84 m	10.77 kN	17.06 kN	0.00 kN	0.00 kN	27.83 kN
9.34 m	11.06 kN	17.04 kN	0.00 kN	0.00 kN	28.10 kN
8.84 m	11.35 kN	17.03 kN	0.00 kN	0.00 kN	28.38 kN
8.34 m	11.64 kN	17.01 kN	0.00 kN	0.00 kN	28.66 kN
7.84 m	11.93 kN	17.00 kN	0.00 kN	0.00 kN	28.93 kN
7.34 m	12.22 kN	16.98 kN	0.00 kN	0.00 kN	29.20 kN
6.84 m	12.51 kN	16.97 kN	0.00 kN	0.00 kN	29.48 kN
6.34 m	12.68 kN	16.95 kN	0.00 kN	0.00 kN	29.64 kN
5.84 m	12.85 kN	16.94 kN	0.00 kN	0.00 kN	29.79 kN
5.34 m	13.01 kN	16.93 kN	0.00 kN	0.00 kN	29.94 kN
5.34 m	13.01 kN	16.93 kN	0.00 kN	0.00 kN	29.94 kN
4.72 m	13.19 kN	16.91 kN	0.00 kN	0.00 kN	30.11 kN
4.09 m	13.38 kN	16.90 kN	0.00 kN	0.00 kN	30.28 kN
3.49 m	13.56 kN	16.88 kN	0.00 kN	0.00 kN	30.45 kN
3.47 m	13.57 kN	16.88 kN	0.00 kN	0.00 kN	30.45 kN
2.84 m	13.76 kN	16.87 kN	0.00 kN	0.00 kN	30.63 kN
2.22 m	13.96 kN	16.86 kN	0.00 kN	0.00 kN	30.82 kN
1.59 m	14.16 kN	16.85 kN	0.00 kN	0.00 kN	31.01 kN
1.24 m	14.28 kN	16.84 kN	0.00 kN	0.00 kN	31.12 kN
0.97 m	14.37 kN	16.84 kN	0.00 kN	0.00 kN	31.20 kN
0.34 m	14.57 kN	16.83 kN	0.00 kN	0.00 kN	31.40 kN

NORTH EAST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.21 kN	0.00 kN	0.00 kN	0.00 kN	0.21 kN
29.62 m	0.42 kN	7.65 kN	0.00 kN	0.00 kN	8.07 kN
29.49 m	0.47 kN	7.65 kN	0.00 kN	0.00 kN	8.11 kN
29.01 m	0.64 kN	7.63 kN	0.00 kN	0.00 kN	8.27 kN
28.40 m	0.87 kN	7.62 kN	0.00 kN	0.00 kN	8.48 kN
27.78 m	1.10 kN	7.60 kN	0.00 kN	0.00 kN	8.70 kN
27.17 m	1.35 kN	7.58 kN	0.00 kN	0.00 kN	8.93 kN
26.56 m	1.59 kN	7.57 kN	0.00 kN	0.00 kN	9.16 kN
25.95 m	1.85 kN	7.55 kN	0.00 kN	0.00 kN	9.40 kN
25.34 m	2.11 kN	7.54 kN	0.00 kN	0.00 kN	9.65 kN
25.34 m	2.11 kN	7.54 kN	0.00 kN	0.00 kN	9.65 kN
24.84 m	2.32 kN	17.21 kN	0.00 kN	0.00 kN	19.53 kN
24.34 m	2.54 kN	17.18 kN	0.00 kN	0.00 kN	19.72 kN
23.84 m	2.76 kN	17.15 kN	0.00 kN	0.00 kN	19.92 kN
23.34 m	2.99 kN	17.13 kN	0.00 kN	0.00 kN	20.12 kN
22.84 m	3.22 kN	17.10 kN	0.00 kN	0.00 kN	20.32 kN
22.34 m	3.45 kN	17.07 kN	0.00 kN	0.00 kN	20.52 kN
21.84 m	3.69 kN	17.05 kN	0.00 kN	0.00 kN	20.74 kN
21.34 m	3.93 kN	17.02 kN	0.00 kN	0.00 kN	20.95 kN
20.84 m	4.17 kN	17.00 kN	0.00 kN	0.00 kN	21.17 kN
20.34 m	4.42 kN	16.97 kN	0.00 kN	0.00 kN	21.39 kN
20.34 m	4.42 kN	16.97 kN	0.00 kN	0.00 kN	21.39 kN
19.84 m	4.67 kN	16.95 kN	0.00 kN	0.00 kN	21.61 kN
19.34 m	4.92 kN	16.92 kN	0.00 kN	0.00 kN	21.84 kN
18.84 m	5.17 kN	16.90 kN	0.00 kN	0.00 kN	22.07 kN
18.34 m	5.42 kN	16.87 kN	0.00 kN	0.00 kN	22.30 kN
17.84 m	5.68 kN	16.85 kN	0.00 kN	0.00 kN	22.53 kN
17.34 m	5.94 kN	16.83 kN	0.00 kN	0.00 kN	22.77 kN
16.84 m	6.21 kN	16.81 kN	0.00 kN	0.00 kN	23.01 kN
16.34 m	6.48 kN	16.78 kN	0.00 kN	0.00 kN	23.26 kN
15.84 m	6.75 kN	16.76 kN	0.00 kN	0.00 kN	23.51 kN
15.34 m	7.02 kN	16.74 kN	0.00 kN	0.00 kN	23.76 kN
15.34 m	7.02 kN	16.74 kN	0.00 kN	0.00 kN	23.76 kN
14.84 m	7.29 kN	16.72 kN	0.00 kN	0.00 kN	24.01 kN
14.34 m	7.56 kN	16.70 kN	0.00 kN	0.00 kN	24.26 kN
13.84 m	7.83 kN	16.68 kN	0.00 kN	0.00 kN	24.51 kN
13.34 m	8.10 kN	16.66 kN	0.00 kN	0.00 kN	24.76 kN
12.84 m	8.38 kN	16.64 kN	0.00 kN	0.00 kN	25.02 kN
12.34 m	8.65 kN	16.62 kN	0.00 kN	0.00 kN	25.28 kN
11.84 m	8.93 kN	16.61 kN	0.00 kN	0.00 kN	25.54 kN
11.34 m	9.21 kN	16.59 kN	0.00 kN	0.00 kN	25.80 kN
10.84 m	9.49 kN	16.57 kN	0.00 kN	0.00 kN	26.06 kN
10.34 m	9.77 kN	16.56 kN	0.00 kN	0.00 kN	26.33 kN
10.34 m	9.77 kN	16.56 kN	0.00 kN	0.00 kN	26.33 kN
9.84 m	10.05 kN	16.54 kN	0.00 kN	0.00 kN	26.59 kN
9.34 m	10.32 kN	16.52 kN	0.00 kN	0.00 kN	26.85 kN

8.84 m	10.60 kN	16.51 kN	0.00 kN	0.00 kN	27.11 kN
8.34 m	10.87 kN	16.49 kN	0.00 kN	0.00 kN	27.36 kN
7.84 m	11.14 kN	16.48 kN	0.00 kN	0.00 kN	27.62 kN
7.34 m	11.41 kN	16.46 kN	0.00 kN	0.00 kN	27.88 kN
6.84 m	11.68 kN	16.45 kN	0.00 kN	0.00 kN	28.13 kN
6.34 m	11.88 kN	16.44 kN	0.00 kN	0.00 kN	28.32 kN
5.84 m	12.07 kN	16.43 kN	0.00 kN	0.00 kN	28.50 kN
5.34 m	12.25 kN	16.41 kN	0.00 kN	0.00 kN	28.67 kN
5.34 m	12.25 kN	16.41 kN	0.00 kN	0.00 kN	28.67 kN
4.72 m	12.47 kN	16.40 kN	0.00 kN	0.00 kN	28.86 kN
4.09 m	12.67 kN	16.38 kN	0.00 kN	0.00 kN	29.06 kN
3.49 m	12.87 kN	16.37 kN	0.00 kN	0.00 kN	29.24 kN
3.47 m	12.87 kN	16.37 kN	0.00 kN	0.00 kN	29.24 kN
2.84 m	13.07 kN	16.36 kN	0.00 kN	0.00 kN	29.43 kN
2.22 m	13.26 kN	16.35 kN	0.00 kN	0.00 kN	29.61 kN
1.59 m	13.46 kN	16.34 kN	0.00 kN	0.00 kN	29.80 kN
1.24 m	13.58 kN	16.33 kN	0.00 kN	0.00 kN	29.91 kN
0.97 m	13.67 kN	16.33 kN	0.00 kN	0.00 kN	30.00 kN
0.34 m	13.88 kN	16.32 kN	0.00 kN	0.00 kN	30.19 kN

EAST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.26 kN	0.00 kN	0.00 kN	0.00 kN	0.26 kN
29.62 m	0.53 kN	8.90 kN	0.00 kN	0.00 kN	9.43 kN
29.49 m	0.58 kN	8.89 kN	0.00 kN	0.00 kN	9.48 kN
29.01 m	0.80 kN	8.88 kN	0.00 kN	0.00 kN	9.68 kN
28.40 m	1.09 kN	8.86 kN	0.00 kN	0.00 kN	9.95 kN
27.78 m	1.38 kN	8.84 kN	0.00 kN	0.00 kN	10.22 kN
27.17 m	1.69 kN	8.82 kN	0.00 kN	0.00 kN	10.50 kN
26.56 m	2.00 kN	8.80 kN	0.00 kN	0.00 kN	10.80 kN
25.95 m	2.32 kN	8.78 kN	0.00 kN	0.00 kN	11.10 kN
25.34 m	2.65 kN	8.76 kN	0.00 kN	0.00 kN	11.41 kN
25.34 m	2.65 kN	8.76 kN	0.00 kN	0.00 kN	11.41 kN
24.84 m	2.92 kN	21.70 kN	0.00 kN	0.00 kN	24.62 kN
24.34 m	3.20 kN	21.66 kN	0.00 kN	0.00 kN	24.86 kN
23.84 m	3.48 kN	21.62 kN	0.00 kN	0.00 kN	25.10 kN
23.34 m	3.76 kN	21.59 kN	0.00 kN	0.00 kN	25.35 kN
22.84 m	4.05 kN	21.55 kN	0.00 kN	0.00 kN	25.60 kN
22.34 m	4.35 kN	21.51 kN	0.00 kN	0.00 kN	25.86 kN
21.84 m	4.66 kN	21.48 kN	0.00 kN	0.00 kN	26.13 kN
21.34 m	4.96 kN	21.44 kN	0.00 kN	0.00 kN	26.41 kN
20.84 m	5.28 kN	21.41 kN	0.00 kN	0.00 kN	26.69 kN
20.34 m	5.60 kN	21.37 kN	0.00 kN	0.00 kN	26.97 kN
20.34 m	5.60 kN	21.37 kN	0.00 kN	0.00 kN	26.97 kN
19.84 m	5.92 kN	21.34 kN	0.00 kN	0.00 kN	27.26 kN
19.34 m	6.24 kN	21.31 kN	0.00 kN	0.00 kN	27.55 kN
18.84 m	6.57 kN	21.28 kN	0.00 kN	0.00 kN	27.84 kN
18.34 m	6.90 kN	21.24 kN	0.00 kN	0.00 kN	28.14 kN
17.84 m	7.23 kN	21.21 kN	0.00 kN	0.00 kN	28.45 kN
17.34 m	7.57 kN	21.18 kN	0.00 kN	0.00 kN	28.76 kN
16.84 m	7.92 kN	21.15 kN	0.00 kN	0.00 kN	29.07 kN
16.34 m	8.26 kN	21.12 kN	0.00 kN	0.00 kN	29.39 kN
15.84 m	8.62 kN	21.10 kN	0.00 kN	0.00 kN	29.71 kN
15.34 m	8.97 kN	21.07 kN	0.00 kN	0.00 kN	30.04 kN
15.34 m	8.97 kN	21.07 kN	0.00 kN	0.00 kN	30.04 kN
14.84 m	9.32 kN	21.04 kN	0.00 kN	0.00 kN	30.36 kN
14.34 m	9.68 kN	21.01 kN	0.00 kN	0.00 kN	30.69 kN
13.84 m	10.03 kN	20.99 kN	0.00 kN	0.00 kN	31.02 kN
13.34 m	10.39 kN	20.96 kN	0.00 kN	0.00 kN	31.35 kN
12.84 m	10.76 kN	20.94 kN	0.00 kN	0.00 kN	31.69 kN
12.34 m	11.12 kN	20.91 kN	0.00 kN	0.00 kN	32.03 kN
11.84 m	11.49 kN	20.89 kN	0.00 kN	0.00 kN	32.38 kN
11.34 m	11.86 kN	20.86 kN	0.00 kN	0.00 kN	32.72 kN
10.84 m	12.23 kN	20.84 kN	0.00 kN	0.00 kN	33.07 kN
10.34 m	12.61 kN	20.82 kN	0.00 kN	0.00 kN	33.43 kN
10.34 m	12.61 kN	20.82 kN	0.00 kN	0.00 kN	33.43 kN
9.84 m	12.98 kN	20.80 kN	0.00 kN	0.00 kN	33.77 kN
9.34 m	13.35 kN	20.78 kN	0.00 kN	0.00 kN	34.12 kN
8.84 m	13.71 kN	20.76 kN	0.00 kN	0.00 kN	34.47 kN
8.34 m	14.08 kN	20.74 kN	0.00 kN	0.00 kN	34.82 kN
7.84 m	14.45 kN	20.72 kN	0.00 kN	0.00 kN	35.17 kN
7.34 m	14.82 kN	20.70 kN	0.00 kN	0.00 kN	35.52 kN
6.84 m	15.18 kN	20.68 kN	0.00 kN	0.00 kN	35.86 kN
6.34 m	15.55 kN	20.66 kN	0.00 kN	0.00 kN	36.21 kN
5.84 m	15.91 kN	20.65 kN	0.00 kN	0.00 kN	36.56 kN
5.34 m	16.28 kN	20.63 kN	0.00 kN	0.00 kN	36.91 kN
5.34 m	16.28 kN	20.63 kN	0.00 kN	0.00 kN	36.91 kN
4.72 m	16.72 kN	20.61 kN	0.00 kN	0.00 kN	37.33 kN
4.09 m	17.16 kN	20.60 kN	0.00 kN	0.00 kN	37.75 kN
3.49 m	17.59 kN	20.58 kN	0.00 kN	0.00 kN	38.17 kN
3.47 m	17.60 kN	20.58 kN	0.00 kN	0.00 kN	38.18 kN
2.84 m	17.95 kN	20.56 kN	0.00 kN	0.00 kN	38.52 kN
2.22 m	18.28 kN	20.55 kN	0.00 kN	0.00 kN	38.83 kN
1.59 m	18.58 kN	20.54 kN	0.00 kN	0.00 kN	39.12 kN
1.24 m	18.74 kN	20.53 kN	0.00 kN	0.00 kN	39.27 kN
0.97 m	18.85 kN	20.52 kN	0.00 kN	0.00 kN	39.37 kN
0.34 m	19.07 kN	20.51 kN	0.00 kN	0.00 kN	39.59 kN

SOUTH EAST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.37 kN	0.00 kN	0.00 kN	0.00 kN	0.37 kN
29.62 m	0.75 kN	14.25 kN	0.00 kN	0.00 kN	14.99 kN
29.49 m	0.83 kN	14.24 kN	0.00 kN	0.00 kN	15.07 kN
29.01 m	1.14 kN	14.21 kN	0.00 kN	0.00 kN	15.35 kN
28.40 m	1.54 kN	14.17 kN	0.00 kN	0.00 kN	15.71 kN
27.78 m	1.96 kN	14.13 kN	0.00 kN	0.00 kN	16.09 kN
27.17 m	2.39 kN	14.10 kN	0.00 kN	0.00 kN	16.49 kN
26.56 m	2.83 kN	14.06 kN	0.00 kN	0.00 kN	16.89 kN

25.95 m	3.28 kN	14.03 kN	0.00 kN	0.00 kN	17.31 kN
25.34 m	3.75 kN	13.99 kN	0.00 kN	0.00 kN	17.74 kN
25.34 m	3.75 kN	13.99 kN	0.00 kN	0.00 kN	17.74 kN
24.84 m	4.13 kN	29.25 kN	0.00 kN	0.00 kN	33.38 kN
24.34 m	4.51 kN	29.20 kN	0.00 kN	0.00 kN	33.71 kN
23.84 m	4.91 kN	29.14 kN	0.00 kN	0.00 kN	34.05 kN
23.34 m	5.31 kN	29.08 kN	0.00 kN	0.00 kN	34.40 kN
22.84 m	5.72 kN	29.03 kN	0.00 kN	0.00 kN	34.75 kN
22.34 m	6.14 kN	28.97 kN	0.00 kN	0.00 kN	35.11 kN
21.84 m	6.56 kN	28.92 kN	0.00 kN	0.00 kN	35.49 kN
21.34 m	7.00 kN	28.87 kN	0.00 kN	0.00 kN	35.87 kN
20.84 m	7.44 kN	28.82 kN	0.00 kN	0.00 kN	36.25 kN
20.34 m	7.89 kN	28.76 kN	0.00 kN	0.00 kN	36.65 kN
20.34 m	7.89 kN	28.76 kN	0.00 kN	0.00 kN	36.65 kN
19.84 m	8.33 kN	28.71 kN	0.00 kN	0.00 kN	37.04 kN
19.34 m	8.78 kN	28.67 kN	0.00 kN	0.00 kN	37.45 kN
18.84 m	9.24 kN	28.62 kN	0.00 kN	0.00 kN	37.85 kN
18.34 m	9.70 kN	28.57 kN	0.00 kN	0.00 kN	38.27 kN
17.84 m	10.17 kN	28.52 kN	0.00 kN	0.00 kN	38.69 kN
17.34 m	10.64 kN	28.48 kN	0.00 kN	0.00 kN	39.12 kN
16.84 m	11.12 kN	28.43 kN	0.00 kN	0.00 kN	39.55 kN
16.34 m	11.61 kN	28.39 kN	0.00 kN	0.00 kN	39.99 kN
15.84 m	12.10 kN	28.34 kN	0.00 kN	0.00 kN	40.44 kN
15.34 m	12.59 kN	28.30 kN	0.00 kN	0.00 kN	40.90 kN
15.34 m	12.59 kN	28.30 kN	0.00 kN	0.00 kN	40.90 kN
14.84 m	13.08 kN	28.26 kN	0.00 kN	0.00 kN	41.34 kN
14.34 m	13.57 kN	28.22 kN	0.00 kN	0.00 kN	41.79 kN
13.84 m	14.07 kN	28.18 kN	0.00 kN	0.00 kN	42.25 kN
13.34 m	14.57 kN	28.14 kN	0.00 kN	0.00 kN	42.71 kN
12.84 m	15.07 kN	28.10 kN	0.00 kN	0.00 kN	43.17 kN
12.34 m	15.58 kN	28.07 kN	0.00 kN	0.00 kN	43.64 kN
11.84 m	16.09 kN	28.03 kN	0.00 kN	0.00 kN	44.12 kN
11.34 m	16.60 kN	28.00 kN	0.00 kN	0.00 kN	44.60 kN
10.84 m	17.12 kN	27.96 kN	0.00 kN	0.00 kN	45.08 kN
10.34 m	17.64 kN	27.93 kN	0.00 kN	0.00 kN	45.57 kN
10.34 m	17.64 kN	27.93 kN	0.00 kN	0.00 kN	45.57 kN
9.84 m	18.15 kN	27.90 kN	0.00 kN	0.00 kN	46.05 kN
9.34 m	18.66 kN	27.87 kN	0.00 kN	0.00 kN	46.52 kN
8.84 m	19.16 kN	27.84 kN	0.00 kN	0.00 kN	47.00 kN
8.34 m	19.67 kN	27.81 kN	0.00 kN	0.00 kN	47.48 kN
7.84 m	20.18 kN	27.78 kN	0.00 kN	0.00 kN	47.96 kN
7.34 m	20.69 kN	27.76 kN	0.00 kN	0.00 kN	48.44 kN
6.84 m	21.19 kN	27.73 kN	0.00 kN	0.00 kN	48.92 kN
6.34 m	21.50 kN	27.71 kN	0.00 kN	0.00 kN	49.21 kN
5.84 m	21.80 kN	27.68 kN	0.00 kN	0.00 kN	49.49 kN
5.34 m	22.09 kN	27.66 kN	0.00 kN	0.00 kN	49.75 kN
5.34 m	22.09 kN	27.66 kN	0.00 kN	0.00 kN	49.75 kN
4.72 m	22.42 kN	27.63 kN	0.00 kN	0.00 kN	50.05 kN
4.09 m	22.73 kN	27.61 kN	0.00 kN	0.00 kN	50.34 kN
3.49 m	23.02 kN	27.59 kN	0.00 kN	0.00 kN	50.60 kN
3.47 m	23.03 kN	27.59 kN	0.00 kN	0.00 kN	50.62 kN
2.84 m	23.32 kN	27.56 kN	0.00 kN	0.00 kN	50.89 kN
2.22 m	23.62 kN	27.54 kN	0.00 kN	0.00 kN	51.16 kN
1.59 m	23.91 kN	27.53 kN	0.00 kN	0.00 kN	51.44 kN
1.24 m	24.08 kN	27.52 kN	0.00 kN	0.00 kN	51.60 kN
0.97 m	24.22 kN	27.51 kN	0.00 kN	0.00 kN	51.73 kN
0.34 m	24.53 kN	27.49 kN	0.00 kN	0.00 kN	52.02 kN

SOUTH WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.30 kN	0.00 kN	0.00 kN	0.00 kN	0.30 kN
29.62 m	0.61 kN	12.36 kN	0.00 kN	0.00 kN	12.97 kN
29.49 m	0.67 kN	12.35 kN	0.00 kN	0.00 kN	13.03 kN
29.01 m	0.93 kN	12.33 kN	0.00 kN	0.00 kN	13.25 kN
28.40 m	1.25 kN	12.30 kN	0.00 kN	0.00 kN	13.55 kN
27.78 m	1.59 kN	12.27 kN	0.00 kN	0.00 kN	13.86 kN
27.17 m	1.94 kN	12.24 kN	0.00 kN	0.00 kN	14.18 kN
26.56 m	2.30 kN	12.21 kN	0.00 kN	0.00 kN	14.51 kN
25.95 m	2.67 kN	12.18 kN	0.00 kN	0.00 kN	14.85 kN
25.34 m	3.04 kN	12.15 kN	0.00 kN	0.00 kN	15.20 kN
25.34 m	3.04 kN	12.15 kN	0.00 kN	0.00 kN	15.20 kN
24.84 m	3.35 kN	23.80 kN	0.00 kN	0.00 kN	27.15 kN
24.34 m	3.66 kN	23.76 kN	0.00 kN	0.00 kN	27.42 kN
23.84 m	3.98 kN	23.71 kN	0.00 kN	0.00 kN	27.70 kN
23.34 m	4.31 kN	23.67 kN	0.00 kN	0.00 kN	27.98 kN
22.84 m	4.64 kN	23.63 kN	0.00 kN	0.00 kN	28.27 kN
22.34 m	4.98 kN	23.59 kN	0.00 kN	0.00 kN	28.56 kN
21.84 m	5.32 kN	23.55 kN	0.00 kN	0.00 kN	28.87 kN
21.34 m	5.66 kN	23.51 kN	0.00 kN	0.00 kN	29.17 kN
20.84 m	6.02 kN	23.47 kN	0.00 kN	0.00 kN	29.49 kN
20.34 m	6.38 kN	23.43 kN	0.00 kN	0.00 kN	29.80 kN
20.34 m	6.38 kN	23.43 kN	0.00 kN	0.00 kN	29.80 kN
19.84 m	6.73 kN	23.39 kN	0.00 kN	0.00 kN	30.12 kN
19.34 m	7.09 kN	23.35 kN	0.00 kN	0.00 kN	30.44 kN
18.84 m	7.45 kN	23.32 kN	0.00 kN	0.00 kN	30.77 kN
18.34 m	7.82 kN	23.28 kN	0.00 kN	0.00 kN	31.10 kN
17.84 m	8.19 kN	23.24 kN	0.00 kN	0.00 kN	31.44 kN
17.34 m	8.57 kN	23.21 kN	0.00 kN	0.00 kN	31.78 kN
16.84 m	8.95 kN	23.18 kN	0.00 kN	0.00 kN	32.13 kN
16.34 m	9.33 kN	23.14 kN	0.00 kN	0.00 kN	32.48 kN
15.84 m	9.72 kN	23.11 kN	0.00 kN	0.00 kN	32.83 kN
15.34 m	10.12 kN	23.08 kN	0.00 kN	0.00 kN	33.19 kN
15.34 m	10.12 kN	23.08 kN	0.00 kN	0.00 kN	33.19 kN
14.84 m	10.50 kN	23.04 kN	0.00 kN	0.00 kN	33.55 kN
14.34 m	10.89 kN	23.01 kN	0.00 kN	0.00 kN	33.91 kN
13.84 m	11.28 kN	22.98 kN	0.00 kN	0.00 kN	34.27 kN
13.34 m	11.68 kN	22.95 kN	0.00 kN	0.00 kN	34.63 kN
12.84 m	12.08 kN	22.93 kN	0.00 kN	0.00 kN	35.00 kN
12.34 m	12.48 kN	22.90 kN	0.00 kN	0.00 kN	35.37 kN

11.84 m	12.88 kN	22.87 kN	0.00 kN	0.00 kN	35.75 kN
11.34 m	13.28 kN	22.84 kN	0.00 kN	0.00 kN	36.13 kN
10.84 m	13.69 kN	22.82 kN	0.00 kN	0.00 kN	36.51 kN
10.34 m	14.10 kN	22.79 kN	0.00 kN	0.00 kN	36.89 kN
10.34 m	14.10 kN	22.79 kN	0.00 kN	0.00 kN	36.89 kN
9.84 m	14.50 kN	22.77 kN	0.00 kN	0.00 kN	37.27 kN
9.34 m	14.90 kN	22.74 kN	0.00 kN	0.00 kN	37.64 kN
8.84 m	15.30 kN	22.72 kN	0.00 kN	0.00 kN	38.02 kN
8.34 m	15.70 kN	22.70 kN	0.00 kN	0.00 kN	38.40 kN
7.84 m	16.09 kN	22.68 kN	0.00 kN	0.00 kN	38.77 kN
7.34 m	16.49 kN	22.66 kN	0.00 kN	0.00 kN	39.15 kN
6.84 m	16.88 kN	22.64 kN	0.00 kN	0.00 kN	39.52 kN
6.34 m	17.11 kN	22.62 kN	0.00 kN	0.00 kN	39.72 kN
5.84 m	17.32 kN	22.60 kN	0.00 kN	0.00 kN	39.92 kN
5.34 m	17.52 kN	22.58 kN	0.00 kN	0.00 kN	40.10 kN
5.34 m	17.52 kN	22.58 kN	0.00 kN	0.00 kN	40.10 kN
4.72 m	17.76 kN	22.56 kN	0.00 kN	0.00 kN	40.32 kN
4.09 m	17.98 kN	22.54 kN	0.00 kN	0.00 kN	40.53 kN
3.49 m	18.19 kN	22.52 kN	0.00 kN	0.00 kN	40.72 kN
3.47 m	18.20 kN	22.52 kN	0.00 kN	0.00 kN	40.73 kN
2.84 m	18.43 kN	22.51 kN	0.00 kN	0.00 kN	40.94 kN
2.22 m	18.66 kN	22.49 kN	0.00 kN	0.00 kN	41.15 kN
1.59 m	18.89 kN	22.47 kN	0.00 kN	0.00 kN	41.36 kN
1.24 m	19.02 kN	22.47 kN	0.00 kN	0.00 kN	41.49 kN
0.97 m	19.12 kN	22.46 kN	0.00 kN	0.00 kN	41.59 kN
0.34 m	19.37 kN	22.45 kN	0.00 kN	0.00 kN	41.81 kN

SOUTH WEST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.24 kN	0.00 kN	0.00 kN	0.00 kN	0.24 kN
29.62 m	0.48 kN	8.67 kN	0.00 kN	0.00 kN	9.15 kN
29.49 m	0.53 kN	8.67 kN	0.00 kN	0.00 kN	9.20 kN
29.01 m	0.73 kN	8.65 kN	0.00 kN	0.00 kN	9.38 kN
28.40 m	0.99 kN	8.63 kN	0.00 kN	0.00 kN	9.62 kN
27.78 m	1.25 kN	8.61 kN	0.00 kN	0.00 kN	9.87 kN
27.17 m	1.53 kN	8.59 kN	0.00 kN	0.00 kN	10.12 kN
26.56 m	1.80 kN	8.57 kN	0.00 kN	0.00 kN	10.38 kN
25.95 m	2.09 kN	8.56 kN	0.00 kN	0.00 kN	10.65 kN
25.34 m	2.38 kN	8.54 kN	0.00 kN	0.00 kN	10.92 kN
25.34 m	2.38 kN	8.54 kN	0.00 kN	0.00 kN	10.92 kN
24.84 m	2.62 kN	19.30 kN	0.00 kN	0.00 kN	21.92 kN
24.34 m	2.86 kN	19.26 kN	0.00 kN	0.00 kN	22.13 kN
23.84 m	3.11 kN	19.23 kN	0.00 kN	0.00 kN	22.34 kN
23.34 m	3.36 kN	19.20 kN	0.00 kN	0.00 kN	22.56 kN
22.84 m	3.61 kN	19.17 kN	0.00 kN	0.00 kN	22.78 kN
22.34 m	3.87 kN	19.13 kN	0.00 kN	0.00 kN	23.01 kN
21.84 m	4.14 kN	19.10 kN	0.00 kN	0.00 kN	23.24 kN
21.34 m	4.40 kN	19.07 kN	0.00 kN	0.00 kN	23.47 kN
20.84 m	4.67 kN	19.04 kN	0.00 kN	0.00 kN	23.71 kN
20.34 m	4.95 kN	19.01 kN	0.00 kN	0.00 kN	23.96 kN
20.34 m	4.95 kN	19.01 kN	0.00 kN	0.00 kN	23.96 kN
19.84 m	5.22 kN	18.98 kN	0.00 kN	0.00 kN	24.20 kN
19.34 m	5.50 kN	18.95 kN	0.00 kN	0.00 kN	24.45 kN
18.84 m	5.77 kN	18.92 kN	0.00 kN	0.00 kN	24.70 kN
18.34 m	6.06 kN	18.89 kN	0.00 kN	0.00 kN	24.95 kN
17.84 m	6.34 kN	18.86 kN	0.00 kN	0.00 kN	25.20 kN
17.34 m	6.62 kN	18.84 kN	0.00 kN	0.00 kN	25.46 kN
16.84 m	6.91 kN	18.81 kN	0.00 kN	0.00 kN	25.72 kN
16.34 m	7.20 kN	18.78 kN	0.00 kN	0.00 kN	25.99 kN
15.84 m	7.50 kN	18.76 kN	0.00 kN	0.00 kN	26.25 kN
15.34 m	7.79 kN	18.73 kN	0.00 kN	0.00 kN	26.52 kN
15.34 m	7.79 kN	18.73 kN	0.00 kN	0.00 kN	26.52 kN
14.84 m	8.08 kN	18.71 kN	0.00 kN	0.00 kN	26.79 kN
14.34 m	8.37 kN	18.68 kN	0.00 kN	0.00 kN	27.06 kN
13.84 m	8.66 kN	18.66 kN	0.00 kN	0.00 kN	27.32 kN
13.34 m	8.96 kN	18.64 kN	0.00 kN	0.00 kN	27.59 kN
12.84 m	9.25 kN	18.61 kN	0.00 kN	0.00 kN	27.87 kN
12.34 m	9.55 kN	18.59 kN	0.00 kN	0.00 kN	28.14 kN
11.84 m	9.85 kN	18.57 kN	0.00 kN	0.00 kN	28.41 kN
11.34 m	10.14 kN	18.55 kN	0.00 kN	0.00 kN	28.69 kN
10.84 m	10.44 kN	18.53 kN	0.00 kN	0.00 kN	28.97 kN
10.34 m	10.74 kN	18.51 kN	0.00 kN	0.00 kN	29.25 kN
10.34 m	10.74 kN	18.51 kN	0.00 kN	0.00 kN	29.25 kN
9.84 m	11.04 kN	18.49 kN	0.00 kN	0.00 kN	29.52 kN
9.34 m	11.33 kN	18.47 kN	0.00 kN	0.00 kN	29.80 kN
8.84 m	11.63 kN	18.45 kN	0.00 kN	0.00 kN	30.08 kN
8.34 m	11.93 kN	18.43 kN	0.00 kN	0.00 kN	30.36 kN
7.84 m	12.24 kN	18.41 kN	0.00 kN	0.00 kN	30.65 kN
7.34 m	12.55 kN	18.40 kN	0.00 kN	0.00 kN	30.94 kN
6.84 m	12.86 kN	18.38 kN	0.00 kN	0.00 kN	31.24 kN
6.34 m	13.05 kN	18.36 kN	0.00 kN	0.00 kN	31.41 kN
5.84 m	13.23 kN	18.35 kN	0.00 kN	0.00 kN	31.58 kN
5.34 m	13.41 kN	18.33 kN	0.00 kN	0.00 kN	31.74 kN
5.34 m	13.41 kN	18.33 kN	0.00 kN	0.00 kN	31.74 kN
4.72 m	13.62 kN	18.32 kN	0.00 kN	0.00 kN	31.93 kN
4.09 m	13.82 kN	18.30 kN	0.00 kN	0.00 kN	32.12 kN
3.49 m	14.01 kN	18.28 kN	0.00 kN	0.00 kN	32.29 kN
3.47 m	14.01 kN	18.28 kN	0.00 kN	0.00 kN	32.30 kN
2.84 m	14.22 kN	18.27 kN	0.00 kN	0.00 kN	32.48 kN
2.22 m	14.41 kN	18.25 kN	0.00 kN	0.00 kN	32.67 kN
1.59 m	14.62 kN	18.24 kN	0.00 kN	0.00 kN	32.86 kN
1.24 m	14.73 kN	18.23 kN	0.00 kN	0.00 kN	32.96 kN
0.97 m	14.82 kN	18.23 kN	0.00 kN	0.00 kN	33.05 kN
0.34 m	15.03 kN	18.22 kN	0.00 kN	0.00 kN	33.25 kN

WEST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN

30.23 m	0.22 kN	0.00 kN	0.00 kN	0.00 kN	0.22 kN
29.62 m	0.44 kN	7.49 kN	0.00 kN	0.00 kN	7.93 kN
29.49 m	0.49 kN	7.48 kN	0.00 kN	0.00 kN	7.97 kN
29.01 m	0.67 kN	7.47 kN	0.00 kN	0.00 kN	8.14 kN
28.40 m	0.91 kN	7.45 kN	0.00 kN	0.00 kN	8.36 kN
27.78 m	1.15 kN	7.44 kN	0.00 kN	0.00 kN	8.59 kN
27.17 m	1.40 kN	7.42 kN	0.00 kN	0.00 kN	8.82 kN
26.56 m	1.65 kN	7.40 kN	0.00 kN	0.00 kN	9.06 kN
25.95 m	1.91 kN	7.39 kN	0.00 kN	0.00 kN	9.30 kN
25.34 m	2.18 kN	7.37 kN	0.00 kN	0.00 kN	9.55 kN
25.34 m	2.18 kN	7.37 kN	0.00 kN	0.00 kN	9.55 kN
24.84 m	2.39 kN	17.81 kN	0.00 kN	0.00 kN	20.20 kN
24.34 m	2.61 kN	17.78 kN	0.00 kN	0.00 kN	20.39 kN
23.84 m	2.84 kN	17.75 kN	0.00 kN	0.00 kN	20.58 kN
23.34 m	3.06 kN	17.72 kN	0.00 kN	0.00 kN	20.78 kN
22.84 m	3.29 kN	17.69 kN	0.00 kN	0.00 kN	20.98 kN
22.34 m	3.52 kN	17.66 kN	0.00 kN	0.00 kN	21.18 kN
21.84 m	3.76 kN	17.63 kN	0.00 kN	0.00 kN	21.39 kN
21.34 m	4.00 kN	17.60 kN	0.00 kN	0.00 kN	21.60 kN
20.84 m	4.24 kN	17.57 kN	0.00 kN	0.00 kN	21.82 kN
20.34 m	4.49 kN	17.55 kN	0.00 kN	0.00 kN	22.03 kN
20.34 m	4.49 kN	17.55 kN	0.00 kN	0.00 kN	22.03 kN
19.84 m	4.73 kN	17.52 kN	0.00 kN	0.00 kN	22.25 kN
19.34 m	4.98 kN	17.49 kN	0.00 kN	0.00 kN	22.47 kN
18.84 m	5.22 kN	17.47 kN	0.00 kN	0.00 kN	22.69 kN
18.34 m	5.47 kN	17.44 kN	0.00 kN	0.00 kN	22.91 kN
17.84 m	5.72 kN	17.42 kN	0.00 kN	0.00 kN	23.14 kN
17.34 m	5.97 kN	17.39 kN	0.00 kN	0.00 kN	23.36 kN
16.84 m	6.23 kN	17.37 kN	0.00 kN	0.00 kN	23.59 kN
16.34 m	6.48 kN	17.34 kN	0.00 kN	0.00 kN	23.82 kN
15.84 m	6.74 kN	17.32 kN	0.00 kN	0.00 kN	24.06 kN
15.34 m	7.00 kN	17.30 kN	0.00 kN	0.00 kN	24.29 kN
15.34 m	7.00 kN	17.30 kN	0.00 kN	0.00 kN	24.29 kN
14.84 m	7.25 kN	17.27 kN	0.00 kN	0.00 kN	24.52 kN
14.34 m	7.50 kN	17.25 kN	0.00 kN	0.00 kN	24.75 kN
13.84 m	7.75 kN	17.23 kN	0.00 kN	0.00 kN	24.98 kN
13.34 m	8.01 kN	17.21 kN	0.00 kN	0.00 kN	25.22 kN
12.84 m	8.26 kN	17.19 kN	0.00 kN	0.00 kN	25.45 kN
12.34 m	8.52 kN	17.17 kN	0.00 kN	0.00 kN	25.68 kN
11.84 m	8.77 kN	17.15 kN	0.00 kN	0.00 kN	25.92 kN
11.34 m	9.03 kN	17.13 kN	0.00 kN	0.00 kN	26.16 kN
10.84 m	9.28 kN	17.11 kN	0.00 kN	0.00 kN	26.39 kN
10.34 m	9.54 kN	17.09 kN	0.00 kN	0.00 kN	26.63 kN
10.34 m	9.54 kN	17.09 kN	0.00 kN	0.00 kN	26.63 kN
9.84 m	9.79 kN	17.07 kN	0.00 kN	0.00 kN	26.86 kN
9.34 m	10.01 kN	17.06 kN	0.00 kN	0.00 kN	27.07 kN
8.84 m	10.24 kN	17.04 kN	0.00 kN	0.00 kN	27.28 kN
8.34 m	10.46 kN	17.02 kN	0.00 kN	0.00 kN	27.49 kN
7.84 m	10.69 kN	17.01 kN	0.00 kN	0.00 kN	27.69 kN
7.34 m	10.91 kN	16.99 kN	0.00 kN	0.00 kN	27.90 kN
6.84 m	11.14 kN	16.97 kN	0.00 kN	0.00 kN	28.11 kN
6.34 m	11.31 kN	16.96 kN	0.00 kN	0.00 kN	28.27 kN
5.84 m	11.48 kN	16.95 kN	0.00 kN	0.00 kN	28.43 kN
5.34 m	11.65 kN	16.93 kN	0.00 kN	0.00 kN	28.58 kN
5.34 m	11.65 kN	16.93 kN	0.00 kN	0.00 kN	28.58 kN
4.72 m	11.85 kN	16.92 kN	0.00 kN	0.00 kN	28.77 kN
4.09 m	12.04 kN	16.90 kN	0.00 kN	0.00 kN	28.94 kN
3.49 m	12.22 kN	16.89 kN	0.00 kN	0.00 kN	29.11 kN
3.47 m	12.23 kN	16.89 kN	0.00 kN	0.00 kN	29.11 kN
2.84 m	12.42 kN	16.87 kN	0.00 kN	0.00 kN	29.29 kN
2.22 m	12.62 kN	16.86 kN	0.00 kN	0.00 kN	29.48 kN
1.59 m	12.82 kN	16.85 kN	0.00 kN	0.00 kN	29.66 kN
1.24 m	12.93 kN	16.84 kN	0.00 kN	0.00 kN	29.77 kN
0.97 m	13.02 kN	16.83 kN	0.00 kN	0.00 kN	29.85 kN
0.34 m	13.23 kN	16.82 kN	0.00 kN	0.00 kN	30.05 kN

NORTH WEST WIND

RL	SHAFT V*	AREA V*	POINT V*	LINEAR V*	COMBINED V*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.24 kN	0.00 kN	0.00 kN	0.00 kN	0.24 kN
29.62 m	0.49 kN	9.46 kN	0.00 kN	0.00 kN	9.95 kN
29.49 m	0.54 kN	9.45 kN	0.00 kN	0.00 kN	10.00 kN
29.01 m	0.75 kN	9.44 kN	0.00 kN	0.00 kN	10.18 kN
28.40 m	1.01 kN	9.41 kN	0.00 kN	0.00 kN	10.42 kN
27.78 m	1.28 kN	9.39 kN	0.00 kN	0.00 kN	10.67 kN
27.17 m	1.55 kN	9.37 kN	0.00 kN	0.00 kN	10.92 kN
26.56 m	1.84 kN	9.35 kN	0.00 kN	0.00 kN	11.19 kN
25.95 m	2.13 kN	9.33 kN	0.00 kN	0.00 kN	11.45 kN
25.34 m	2.42 kN	9.31 kN	0.00 kN	0.00 kN	11.73 kN
25.34 m	2.42 kN	9.31 kN	0.00 kN	0.00 kN	11.73 kN
24.84 m	2.66 kN	19.12 kN	0.00 kN	0.00 kN	21.78 kN
24.34 m	2.91 kN	19.08 kN	0.00 kN	0.00 kN	21.99 kN
23.84 m	3.16 kN	19.05 kN	0.00 kN	0.00 kN	22.21 kN
23.34 m	3.41 kN	19.02 kN	0.00 kN	0.00 kN	22.43 kN
22.84 m	3.67 kN	18.98 kN	0.00 kN	0.00 kN	22.65 kN
22.34 m	3.93 kN	18.95 kN	0.00 kN	0.00 kN	22.88 kN
21.84 m	4.19 kN	18.92 kN	0.00 kN	0.00 kN	23.11 kN
21.34 m	4.46 kN	18.89 kN	0.00 kN	0.00 kN	23.35 kN
20.84 m	4.73 kN	18.86 kN	0.00 kN	0.00 kN	23.59 kN
20.34 m	5.00 kN	18.83 kN	0.00 kN	0.00 kN	23.83 kN
20.34 m	5.00 kN	18.83 kN	0.00 kN	0.00 kN	23.83 kN
19.84 m	5.28 kN	18.80 kN	0.00 kN	0.00 kN	24.07 kN
19.34 m	5.55 kN	18.77 kN	0.00 kN	0.00 kN	24.32 kN
18.84 m	5.83 kN	18.74 kN	0.00 kN	0.00 kN	24.57 kN
18.34 m	6.11 kN	18.71 kN	0.00 kN	0.00 kN	24.82 kN
17.84 m	6.39 kN	18.68 kN	0.00 kN	0.00 kN	25.07 kN
17.34 m	6.67 kN	18.66 kN	0.00 kN	0.00 kN	25.33 kN
16.84 m	6.96 kN	18.63 kN	0.00 kN	0.00 kN	25.58 kN
16.34 m	7.24 kN	18.60 kN	0.00 kN	0.00 kN	25.84 kN
15.84 m	7.53 kN	18.58 kN	0.00 kN	0.00 kN	26.11 kN
15.34 m	7.82 kN	18.55 kN	0.00 kN	0.00 kN	26.37 kN

15.34 m	7.82 kN	18.55 kN	0.00 kN	0.00 kN	26.37 kN
14.84 m	8.11 kN	18.53 kN	0.00 kN	0.00 kN	26.63 kN
14.34 m	8.39 kN	18.50 kN	0.00 kN	0.00 kN	26.89 kN
13.84 m	8.68 kN	18.48 kN	0.00 kN	0.00 kN	27.15 kN
13.34 m	8.96 kN	18.45 kN	0.00 kN	0.00 kN	27.42 kN
12.84 m	9.25 kN	18.43 kN	0.00 kN	0.00 kN	27.68 kN
12.34 m	9.54 kN	18.41 kN	0.00 kN	0.00 kN	27.94 kN
11.84 m	9.82 kN	18.39 kN	0.00 kN	0.00 kN	28.21 kN
11.34 m	10.11 kN	18.36 kN	0.00 kN	0.00 kN	28.48 kN
10.84 m	10.40 kN	18.34 kN	0.00 kN	0.00 kN	28.75 kN
10.34 m	10.69 kN	18.32 kN	0.00 kN	0.00 kN	29.01 kN
10.34 m	10.69 kN	18.32 kN	0.00 kN	0.00 kN	29.01 kN
9.84 m	10.97 kN	18.30 kN	0.00 kN	0.00 kN	29.28 kN
9.34 m	11.22 kN	18.28 kN	0.00 kN	0.00 kN	29.51 kN
8.84 m	11.48 kN	18.27 kN	0.00 kN	0.00 kN	29.74 kN
8.34 m	11.73 kN	18.25 kN	0.00 kN	0.00 kN	29.97 kN
7.84 m	11.98 kN	18.23 kN	0.00 kN	0.00 kN	30.21 kN
7.34 m	12.23 kN	18.21 kN	0.00 kN	0.00 kN	30.44 kN
6.84 m	12.48 kN	18.20 kN	0.00 kN	0.00 kN	30.67 kN
6.34 m	12.66 kN	18.18 kN	0.00 kN	0.00 kN	30.84 kN
5.84 m	12.84 kN	18.16 kN	0.00 kN	0.00 kN	31.00 kN
5.34 m	13.01 kN	18.15 kN	0.00 kN	0.00 kN	31.16 kN
5.34 m	13.01 kN	18.15 kN	0.00 kN	0.00 kN	31.16 kN
4.72 m	13.22 kN	18.13 kN	0.00 kN	0.00 kN	31.35 kN
4.09 m	13.42 kN	18.12 kN	0.00 kN	0.00 kN	31.53 kN
3.49 m	13.61 kN	18.10 kN	0.00 kN	0.00 kN	31.71 kN
3.47 m	13.61 kN	18.10 kN	0.00 kN	0.00 kN	31.71 kN
2.84 m	13.81 kN	18.08 kN	0.00 kN	0.00 kN	31.90 kN
2.22 m	14.01 kN	18.07 kN	0.00 kN	0.00 kN	32.08 kN
1.59 m	14.22 kN	18.06 kN	0.00 kN	0.00 kN	32.28 kN
1.24 m	14.34 kN	18.05 kN	0.00 kN	0.00 kN	32.39 kN
0.97 m	14.43 kN	18.04 kN	0.00 kN	0.00 kN	32.48 kN
0.34 m	14.65 kN	18.03 kN	0.00 kN	0.00 kN	32.68 kN

LOAD CASE 4: G + Ps + Ws

NORTH WIND

RL	SHAFT V	AREA V	POINT V	LINEAR V	COMBINED V
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.08 kN	0.00 kN	0.00 kN	0.00 kN	0.08 kN
29.62 m	0.17 kN	3.92 kN	0.00 kN	0.00 kN	4.09 kN
29.49 m	0.19 kN	3.92 kN	0.00 kN	0.00 kN	4.10 kN
29.01 m	0.25 kN	3.91 kN	0.00 kN	0.00 kN	4.16 kN
28.40 m	0.33 kN	3.90 kN	0.00 kN	0.00 kN	4.22 kN
27.78 m	0.43 kN	3.88 kN	0.00 kN	0.00 kN	4.31 kN
27.17 m	0.53 kN	3.87 kN	0.00 kN	0.00 kN	4.41 kN
26.56 m	0.64 kN	3.86 kN	0.00 kN	0.00 kN	4.50 kN
25.95 m	0.75 kN	3.85 kN	0.00 kN	0.00 kN	4.60 kN
25.34 m	0.86 kN	3.84 kN	0.00 kN	0.00 kN	4.70 kN
25.34 m	0.86 kN	3.84 kN	0.00 kN	0.00 kN	4.70 kN
24.84 m	0.95 kN	7.40 kN	0.00 kN	0.00 kN	8.35 kN
24.34 m	1.05 kN	7.38 kN	0.00 kN	0.00 kN	8.43 kN
23.84 m	1.14 kN	7.37 kN	0.00 kN	0.00 kN	8.51 kN
23.34 m	1.24 kN	7.35 kN	0.00 kN	0.00 kN	8.58 kN
22.84 m	1.33 kN	7.33 kN	0.00 kN	0.00 kN	8.66 kN
22.34 m	1.43 kN	7.31 kN	0.00 kN	0.00 kN	8.75 kN
21.84 m	1.53 kN	7.30 kN	0.00 kN	0.00 kN	8.83 kN
21.34 m	1.63 kN	7.28 kN	0.00 kN	0.00 kN	8.92 kN
20.84 m	1.74 kN	7.27 kN	0.00 kN	0.00 kN	9.00 kN
20.34 m	1.84 kN	7.25 kN	0.00 kN	0.00 kN	9.09 kN
20.34 m	1.84 kN	7.25 kN	0.00 kN	0.00 kN	9.09 kN
19.84 m	1.95 kN	7.23 kN	0.00 kN	0.00 kN	9.18 kN
19.34 m	2.05 kN	7.22 kN	0.00 kN	0.00 kN	9.27 kN
18.84 m	2.16 kN	7.20 kN	0.00 kN	0.00 kN	9.36 kN
18.34 m	2.27 kN	7.19 kN	0.00 kN	0.00 kN	9.46 kN
17.84 m	2.37 kN	7.18 kN	0.00 kN	0.00 kN	9.55 kN
17.34 m	2.48 kN	7.16 kN	0.00 kN	0.00 kN	9.65 kN
16.84 m	2.60 kN	7.15 kN	0.00 kN	0.00 kN	9.74 kN
16.34 m	2.71 kN	7.13 kN	0.00 kN	0.00 kN	9.84 kN
15.84 m	2.82 kN	7.12 kN	0.00 kN	0.00 kN	9.94 kN
15.34 m	2.94 kN	7.11 kN	0.00 kN	0.00 kN	10.04 kN
15.34 m	2.94 kN	7.11 kN	0.00 kN	0.00 kN	10.04 kN
14.84 m	3.05 kN	7.10 kN	0.00 kN	0.00 kN	10.14 kN
14.34 m	3.16 kN	7.08 kN	0.00 kN	0.00 kN	10.24 kN
13.84 m	3.27 kN	7.07 kN	0.00 kN	0.00 kN	10.34 kN
13.34 m	3.39 kN	7.06 kN	0.00 kN	0.00 kN	10.45 kN
12.84 m	3.50 kN	7.05 kN	0.00 kN	0.00 kN	10.55 kN
12.34 m	3.62 kN	7.04 kN	0.00 kN	0.00 kN	10.65 kN
11.84 m	3.73 kN	7.03 kN	0.00 kN	0.00 kN	10.76 kN
11.34 m	3.85 kN	7.02 kN	0.00 kN	0.00 kN	10.87 kN
10.84 m	3.97 kN	7.01 kN	0.00 kN	0.00 kN	10.97 kN
10.34 m	4.08 kN	7.00 kN	0.00 kN	0.00 kN	11.08 kN
10.34 m	4.08 kN	7.00 kN	0.00 kN	0.00 kN	11.08 kN
9.84 m	4.20 kN	6.99 kN	0.00 kN	0.00 kN	11.18 kN
9.34 m	4.31 kN	6.98 kN	0.00 kN	0.00 kN	11.29 kN
8.84 m	4.43 kN	6.97 kN	0.00 kN	0.00 kN	11.40 kN
8.34 m	4.54 kN	6.96 kN	0.00 kN	0.00 kN	11.50 kN
7.84 m	4.65 kN	6.95 kN	0.00 kN	0.00 kN	11.61 kN
7.34 m	4.77 kN	6.94 kN	0.00 kN	0.00 kN	11.71 kN
6.84 m	4.88 kN	6.94 kN	0.00 kN	0.00 kN	11.81 kN
6.34 m	4.94 kN	6.93 kN	0.00 kN	0.00 kN	11.87 kN
5.84 m	5.01 kN	6.92 kN	0.00 kN	0.00 kN	11.93 kN
5.34 m	5.07 kN	6.92 kN	0.00 kN	0.00 kN	11.99 kN
5.34 m	5.07 kN	6.92 kN	0.00 kN	0.00 kN	11.99 kN
4.72 m	5.14 kN	6.91 kN	0.00 kN	0.00 kN	12.05 kN
4.09 m	5.21 kN	6.90 kN	0.00 kN	0.00 kN	12.11 kN
3.49 m	5.27 kN	6.90 kN	0.00 kN	0.00 kN	12.17 kN
3.47 m	5.28 kN	6.90 kN	0.00 kN	0.00 kN	12.17 kN
2.84 m	5.34 kN	6.89 kN	0.00 kN	0.00 kN	12.23 kN
2.22 m	5.41 kN	6.88 kN	0.00 kN	0.00 kN	12.29 kN

1.59 m	5.47 kN	6.88 kN	0.00 kN	0.00 kN	12.35 kN
1.24 m	5.51 kN	6.88 kN	0.00 kN	0.00 kN	12.39 kN
0.97 m	5.54 kN	6.88 kN	0.00 kN	0.00 kN	12.42 kN
0.34 m	5.61 kN	6.87 kN	0.00 kN	0.00 kN	12.49 kN

NORTH EAST WIND

RL	SHAFT V	AREA V	POINT V	LINEAR V	COMBINED V
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.08 kN	0.00 kN	0.00 kN	0.00 kN	0.08 kN
29.62 m	0.16 kN	3.20 kN	0.00 kN	0.00 kN	3.36 kN
29.49 m	0.18 kN	3.20 kN	0.00 kN	0.00 kN	3.37 kN
29.01 m	0.24 kN	3.19 kN	0.00 kN	0.00 kN	3.43 kN
28.40 m	0.32 kN	3.18 kN	0.00 kN	0.00 kN	3.50 kN
27.78 m	0.39 kN	3.17 kN	0.00 kN	0.00 kN	3.56 kN
27.17 m	0.49 kN	3.16 kN	0.00 kN	0.00 kN	3.65 kN
26.56 m	0.59 kN	3.15 kN	0.00 kN	0.00 kN	3.74 kN
25.95 m	0.69 kN	3.14 kN	0.00 kN	0.00 kN	3.83 kN
25.34 m	0.80 kN	3.13 kN	0.00 kN	0.00 kN	3.93 kN
25.34 m	0.80 kN	3.13 kN	0.00 kN	0.00 kN	3.93 kN
24.84 m	0.88 kN	7.14 kN	0.00 kN	0.00 kN	8.02 kN
24.34 m	0.97 kN	7.13 kN	0.00 kN	0.00 kN	8.09 kN
23.84 m	1.05 kN	7.11 kN	0.00 kN	0.00 kN	8.16 kN
23.34 m	1.14 kN	7.09 kN	0.00 kN	0.00 kN	8.24 kN
22.84 m	1.23 kN	7.08 kN	0.00 kN	0.00 kN	8.31 kN
22.34 m	1.33 kN	7.06 kN	0.00 kN	0.00 kN	8.39 kN
21.84 m	1.42 kN	7.05 kN	0.00 kN	0.00 kN	8.47 kN
21.34 m	1.52 kN	7.03 kN	0.00 kN	0.00 kN	8.55 kN
20.84 m	1.61 kN	7.02 kN	0.00 kN	0.00 kN	8.63 kN
20.34 m	1.71 kN	7.00 kN	0.00 kN	0.00 kN	8.71 kN
20.34 m	1.71 kN	7.00 kN	0.00 kN	0.00 kN	8.71 kN
19.84 m	1.81 kN	6.99 kN	0.00 kN	0.00 kN	8.79 kN
19.34 m	1.90 kN	6.97 kN	0.00 kN	0.00 kN	8.88 kN
18.84 m	2.00 kN	6.96 kN	0.00 kN	0.00 kN	8.96 kN
18.34 m	2.10 kN	6.94 kN	0.00 kN	0.00 kN	9.05 kN
17.84 m	2.20 kN	6.93 kN	0.00 kN	0.00 kN	9.13 kN
17.34 m	2.31 kN	6.92 kN	0.00 kN	0.00 kN	9.22 kN
16.84 m	2.41 kN	6.90 kN	0.00 kN	0.00 kN	9.31 kN
16.34 m	2.51 kN	6.89 kN	0.00 kN	0.00 kN	9.41 kN
15.84 m	2.62 kN	6.88 kN	0.00 kN	0.00 kN	9.50 kN
15.34 m	2.73 kN	6.87 kN	0.00 kN	0.00 kN	9.59 kN
15.34 m	2.73 kN	6.87 kN	0.00 kN	0.00 kN	9.59 kN
14.84 m	2.83 kN	6.85 kN	0.00 kN	0.00 kN	9.69 kN
14.34 m	2.94 kN	6.84 kN	0.00 kN	0.00 kN	9.78 kN
13.84 m	3.04 kN	6.83 kN	0.00 kN	0.00 kN	9.87 kN
13.34 m	3.15 kN	6.82 kN	0.00 kN	0.00 kN	9.97 kN
12.84 m	3.25 kN	6.81 kN	0.00 kN	0.00 kN	10.06 kN
12.34 m	3.36 kN	6.80 kN	0.00 kN	0.00 kN	10.16 kN
11.84 m	3.47 kN	6.79 kN	0.00 kN	0.00 kN	10.26 kN
11.34 m	3.58 kN	6.78 kN	0.00 kN	0.00 kN	10.36 kN
10.84 m	3.69 kN	6.77 kN	0.00 kN	0.00 kN	10.46 kN
10.34 m	3.80 kN	6.76 kN	0.00 kN	0.00 kN	10.56 kN
10.34 m	3.80 kN	6.76 kN	0.00 kN	0.00 kN	10.56 kN
9.84 m	3.90 kN	6.75 kN	0.00 kN	0.00 kN	10.66 kN
9.34 m	4.01 kN	6.74 kN	0.00 kN	0.00 kN	10.75 kN
8.84 m	4.12 kN	6.74 kN	0.00 kN	0.00 kN	10.85 kN
8.34 m	4.22 kN	6.73 kN	0.00 kN	0.00 kN	10.95 kN
7.84 m	4.33 kN	6.72 kN	0.00 kN	0.00 kN	11.05 kN
7.34 m	4.43 kN	6.71 kN	0.00 kN	0.00 kN	11.15 kN
6.84 m	4.54 kN	6.71 kN	0.00 kN	0.00 kN	11.24 kN
6.34 m	4.62 kN	6.70 kN	0.00 kN	0.00 kN	11.31 kN
5.84 m	4.69 kN	6.69 kN	0.00 kN	0.00 kN	11.38 kN
5.34 m	4.76 kN	6.69 kN	0.00 kN	0.00 kN	11.45 kN
5.34 m	4.76 kN	6.69 kN	0.00 kN	0.00 kN	11.45 kN
4.72 m	4.84 kN	6.68 kN	0.00 kN	0.00 kN	11.52 kN
4.09 m	4.92 kN	6.67 kN	0.00 kN	0.00 kN	11.59 kN
3.49 m	5.00 kN	6.67 kN	0.00 kN	0.00 kN	11.66 kN
3.47 m	5.00 kN	6.67 kN	0.00 kN	0.00 kN	11.67 kN
2.84 m	5.07 kN	6.66 kN	0.00 kN	0.00 kN	11.73 kN
2.22 m	5.14 kN	6.66 kN	0.00 kN	0.00 kN	11.79 kN
1.59 m	5.20 kN	6.65 kN	0.00 kN	0.00 kN	11.85 kN
1.24 m	5.24 kN	6.65 kN	0.00 kN	0.00 kN	11.88 kN
0.97 m	5.26 kN	6.65 kN	0.00 kN	0.00 kN	11.91 kN
0.34 m	5.33 kN	6.64 kN	0.00 kN	0.00 kN	11.97 kN

EAST WIND

RL	SHAFT V	AREA V	POINT V	LINEAR V	COMBINED V
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.09 kN	0.00 kN	0.00 kN	0.00 kN	0.09 kN
29.62 m	0.18 kN	3.76 kN	0.00 kN	0.00 kN	3.93 kN
29.49 m	0.20 kN	3.75 kN	0.00 kN	0.00 kN	3.95 kN
29.01 m	0.29 kN	3.74 kN	0.00 kN	0.00 kN	4.03 kN
28.40 m	0.40 kN	3.73 kN	0.00 kN	0.00 kN	4.13 kN
27.78 m	0.52 kN	3.72 kN	0.00 kN	0.00 kN	4.24 kN
27.17 m	0.64 kN	3.71 kN	0.00 kN	0.00 kN	4.35 kN
26.56 m	0.77 kN	3.69 kN	0.00 kN	0.00 kN	4.46 kN
25.95 m	0.90 kN	3.68 kN	0.00 kN	0.00 kN	4.58 kN
25.34 m	1.03 kN	3.67 kN	0.00 kN	0.00 kN	4.70 kN
25.34 m	1.03 kN	3.67 kN	0.00 kN	0.00 kN	4.70 kN
24.84 m	1.14 kN	9.09 kN	0.00 kN	0.00 kN	10.23 kN
24.34 m	1.25 kN	9.07 kN	0.00 kN	0.00 kN	10.31 kN
23.84 m	1.36 kN	9.04 kN	0.00 kN	0.00 kN	10.40 kN
23.34 m	1.48 kN	9.02 kN	0.00 kN	0.00 kN	10.50 kN
22.84 m	1.59 kN	9.00 kN	0.00 kN	0.00 kN	10.59 kN
22.34 m	1.71 kN	8.98 kN	0.00 kN	0.00 kN	10.69 kN
21.84 m	1.83 kN	8.96 kN	0.00 kN	0.00 kN	10.79 kN
21.34 m	1.95 kN	8.94 kN	0.00 kN	0.00 kN	10.89 kN
20.84 m	2.08 kN	8.91 kN	0.00 kN	0.00 kN	10.99 kN
20.34 m	2.21 kN	8.89 kN	0.00 kN	0.00 kN	11.10 kN
20.34 m	2.21 kN	8.89 kN	0.00 kN	0.00 kN	11.10 kN

19.84 m	2.33 kN	8.87 kN	0.00 kN	0.00 kN	11.21 kN
19.34 m	2.46 kN	8.85 kN	0.00 kN	0.00 kN	11.31 kN
18.84 m	2.59 kN	8.84 kN	0.00 kN	0.00 kN	11.42 kN
18.34 m	2.72 kN	8.82 kN	0.00 kN	0.00 kN	11.54 kN
17.84 m	2.85 kN	8.80 kN	0.00 kN	0.00 kN	11.65 kN
17.34 m	2.99 kN	8.78 kN	0.00 kN	0.00 kN	11.77 kN
16.84 m	3.12 kN	8.76 kN	0.00 kN	0.00 kN	11.88 kN
16.34 m	3.26 kN	8.75 kN	0.00 kN	0.00 kN	12.00 kN
15.84 m	3.40 kN	8.73 kN	0.00 kN	0.00 kN	12.13 kN
15.34 m	3.54 kN	8.71 kN	0.00 kN	0.00 kN	12.25 kN
15.34 m	3.54 kN	8.71 kN	0.00 kN	0.00 kN	12.25 kN
14.84 m	3.68 kN	8.70 kN	0.00 kN	0.00 kN	12.37 kN
14.34 m	3.82 kN	8.68 kN	0.00 kN	0.00 kN	12.50 kN
13.84 m	3.96 kN	8.66 kN	0.00 kN	0.00 kN	12.62 kN
13.34 m	4.10 kN	8.65 kN	0.00 kN	0.00 kN	12.75 kN
12.84 m	4.24 kN	8.64 kN	0.00 kN	0.00 kN	12.87 kN
12.34 m	4.38 kN	8.62 kN	0.00 kN	0.00 kN	13.00 kN
11.84 m	4.53 kN	8.61 kN	0.00 kN	0.00 kN	13.13 kN
11.34 m	4.67 kN	8.59 kN	0.00 kN	0.00 kN	13.26 kN
10.84 m	4.82 kN	8.58 kN	0.00 kN	0.00 kN	13.40 kN
10.34 m	4.96 kN	8.57 kN	0.00 kN	0.00 kN	13.53 kN
10.34 m	4.96 kN	8.57 kN	0.00 kN	0.00 kN	13.53 kN
9.84 m	5.11 kN	8.56 kN	0.00 kN	0.00 kN	13.66 kN
9.34 m	5.25 kN	8.54 kN	0.00 kN	0.00 kN	13.80 kN
8.84 m	5.40 kN	8.53 kN	0.00 kN	0.00 kN	13.93 kN
8.34 m	5.54 kN	8.52 kN	0.00 kN	0.00 kN	14.06 kN
7.84 m	5.68 kN	8.51 kN	0.00 kN	0.00 kN	14.20 kN
7.34 m	5.83 kN	8.50 kN	0.00 kN	0.00 kN	14.33 kN
6.84 m	5.97 kN	8.49 kN	0.00 kN	0.00 kN	14.46 kN
6.34 m	6.11 kN	8.48 kN	0.00 kN	0.00 kN	14.60 kN
5.84 m	6.26 kN	8.48 kN	0.00 kN	0.00 kN	14.73 kN
5.34 m	6.40 kN	8.47 kN	0.00 kN	0.00 kN	14.87 kN
5.34 m	6.40 kN	8.47 kN	0.00 kN	0.00 kN	14.87 kN
4.72 m	6.57 kN	8.46 kN	0.00 kN	0.00 kN	15.03 kN
4.09 m	6.75 kN	8.45 kN	0.00 kN	0.00 kN	15.20 kN
3.49 m	6.91 kN	8.44 kN	0.00 kN	0.00 kN	15.36 kN
3.47 m	6.92 kN	8.44 kN	0.00 kN	0.00 kN	15.36 kN
2.84 m	7.06 kN	8.43 kN	0.00 kN	0.00 kN	15.49 kN
2.22 m	7.19 kN	8.43 kN	0.00 kN	0.00 kN	15.62 kN
1.59 m	7.31 kN	8.42 kN	0.00 kN	0.00 kN	15.73 kN
1.24 m	7.37 kN	8.42 kN	0.00 kN	0.00 kN	15.79 kN
0.97 m	7.41 kN	8.42 kN	0.00 kN	0.00 kN	15.83 kN
0.34 m	7.50 kN	8.41 kN	0.00 kN	0.00 kN	15.91 kN

SOUTH EAST WIND

RL	SHAFT V	AREA V	POINT V	LINEAR V	COMBINED V
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.15 kN	0.00 kN	0.00 kN	0.00 kN	0.15 kN
29.62 m	0.31 kN	6.11 kN	0.00 kN	0.00 kN	6.42 kN
29.49 m	0.34 kN	6.11 kN	0.00 kN	0.00 kN	6.45 kN
29.01 m	0.47 kN	6.09 kN	0.00 kN	0.00 kN	6.56 kN
28.40 m	0.64 kN	6.07 kN	0.00 kN	0.00 kN	6.71 kN
27.78 m	0.81 kN	6.05 kN	0.00 kN	0.00 kN	6.86 kN
27.17 m	0.99 kN	6.02 kN	0.00 kN	0.00 kN	7.01 kN
26.56 m	1.17 kN	6.00 kN	0.00 kN	0.00 kN	7.17 kN
25.95 m	1.35 kN	5.98 kN	0.00 kN	0.00 kN	7.33 kN
25.34 m	1.54 kN	5.96 kN	0.00 kN	0.00 kN	7.50 kN
25.34 m	1.54 kN	5.96 kN	0.00 kN	0.00 kN	7.50 kN
24.84 m	1.70 kN	12.45 kN	0.00 kN	0.00 kN	14.15 kN
24.34 m	1.85 kN	12.42 kN	0.00 kN	0.00 kN	14.27 kN
23.84 m	2.01 kN	12.38 kN	0.00 kN	0.00 kN	14.39 kN
23.34 m	2.18 kN	12.35 kN	0.00 kN	0.00 kN	14.52 kN
22.84 m	2.34 kN	12.31 kN	0.00 kN	0.00 kN	14.65 kN
22.34 m	2.51 kN	12.28 kN	0.00 kN	0.00 kN	14.79 kN
21.84 m	2.68 kN	12.25 kN	0.00 kN	0.00 kN	14.93 kN
21.34 m	2.86 kN	12.21 kN	0.00 kN	0.00 kN	15.07 kN
20.84 m	3.03 kN	12.18 kN	0.00 kN	0.00 kN	15.22 kN
20.34 m	3.21 kN	12.15 kN	0.00 kN	0.00 kN	15.37 kN
20.34 m	3.21 kN	12.15 kN	0.00 kN	0.00 kN	15.37 kN
19.84 m	3.39 kN	12.12 kN	0.00 kN	0.00 kN	15.51 kN
19.34 m	3.57 kN	12.09 kN	0.00 kN	0.00 kN	15.66 kN
18.84 m	3.76 kN	12.06 kN	0.00 kN	0.00 kN	15.82 kN
18.34 m	3.94 kN	12.03 kN	0.00 kN	0.00 kN	15.97 kN
17.84 m	4.13 kN	12.00 kN	0.00 kN	0.00 kN	16.13 kN
17.34 m	4.32 kN	11.98 kN	0.00 kN	0.00 kN	16.30 kN
16.84 m	4.51 kN	11.95 kN	0.00 kN	0.00 kN	16.46 kN
16.34 m	4.70 kN	11.92 kN	0.00 kN	0.00 kN	16.63 kN
15.84 m	4.90 kN	11.90 kN	0.00 kN	0.00 kN	16.80 kN
15.34 m	5.10 kN	11.87 kN	0.00 kN	0.00 kN	16.97 kN
15.34 m	5.10 kN	11.87 kN	0.00 kN	0.00 kN	16.97 kN
14.84 m	5.29 kN	11.85 kN	0.00 kN	0.00 kN	17.14 kN
14.34 m	5.49 kN	11.82 kN	0.00 kN	0.00 kN	17.31 kN
13.84 m	5.68 kN	11.80 kN	0.00 kN	0.00 kN	17.48 kN
13.34 m	5.88 kN	11.78 kN	0.00 kN	0.00 kN	17.66 kN
12.84 m	6.08 kN	11.75 kN	0.00 kN	0.00 kN	17.84 kN
12.34 m	6.28 kN	11.73 kN	0.00 kN	0.00 kN	18.01 kN
11.84 m	6.48 kN	11.71 kN	0.00 kN	0.00 kN	18.20 kN
11.34 m	6.69 kN	11.69 kN	0.00 kN	0.00 kN	18.38 kN
10.84 m	6.89 kN	11.67 kN	0.00 kN	0.00 kN	18.56 kN
10.34 m	7.10 kN	11.65 kN	0.00 kN	0.00 kN	18.75 kN
10.34 m	7.10 kN	11.65 kN	0.00 kN	0.00 kN	18.75 kN
9.84 m	7.30 kN	11.63 kN	0.00 kN	0.00 kN	18.94 kN
9.34 m	7.50 kN	11.62 kN	0.00 kN	0.00 kN	19.12 kN
8.84 m	7.70 kN	11.60 kN	0.00 kN	0.00 kN	19.30 kN
8.34 m	7.91 kN	11.58 kN	0.00 kN	0.00 kN	19.49 kN
7.84 m	8.11 kN	11.57 kN	0.00 kN	0.00 kN	19.68 kN
7.34 m	8.31 kN	11.55 kN	0.00 kN	0.00 kN	19.86 kN
6.84 m	8.51 kN	11.54 kN	0.00 kN	0.00 kN	20.05 kN
6.34 m	8.63 kN	11.53 kN	0.00 kN	0.00 kN	20.16 kN
5.84 m	8.75 kN	11.51 kN	0.00 kN	0.00 kN	20.26 kN
5.34 m	8.86 kN	11.50 kN	0.00 kN	0.00 kN	20.36 kN

5.34 m	8.86 kN	11.50 kN	0.00 kN	0.00 kN	20.36 kN
4.72 m	8.99 kN	11.49 kN	0.00 kN	0.00 kN	20.48 kN
4.09 m	9.11 kN	11.48 kN	0.00 kN	0.00 kN	20.59 kN
3.49 m	9.23 kN	11.46 kN	0.00 kN	0.00 kN	20.69 kN
3.47 m	9.23 kN	11.46 kN	0.00 kN	0.00 kN	20.69 kN
2.84 m	9.35 kN	11.45 kN	0.00 kN	0.00 kN	20.80 kN
2.22 m	9.46 kN	11.44 kN	0.00 kN	0.00 kN	20.91 kN
1.59 m	9.58 kN	11.44 kN	0.00 kN	0.00 kN	21.02 kN
1.24 m	9.65 kN	11.43 kN	0.00 kN	0.00 kN	21.08 kN
0.97 m	9.70 kN	11.43 kN	0.00 kN	0.00 kN	21.13 kN
0.34 m	9.83 kN	11.42 kN	0.00 kN	0.00 kN	21.25 kN

SOUTH WIND

RL	SHAFT V	AREA V	POINT V	LINEAR V	COMBINED V
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.09 kN	0.00 kN	0.00 kN	0.00 kN	0.09 kN
29.62 m	0.22 kN	5.25 kN	0.00 kN	0.00 kN	5.47 kN
29.49 m	0.25 kN	5.25 kN	0.00 kN	0.00 kN	5.50 kN
29.01 m	0.35 kN	5.23 kN	0.00 kN	0.00 kN	5.58 kN
28.40 m	0.49 kN	5.21 kN	0.00 kN	0.00 kN	5.70 kN
27.78 m	0.62 kN	5.20 kN	0.00 kN	0.00 kN	5.82 kN
27.17 m	0.77 kN	5.18 kN	0.00 kN	0.00 kN	5.94 kN
26.56 m	0.91 kN	5.16 kN	0.00 kN	0.00 kN	6.07 kN
25.95 m	1.06 kN	5.14 kN	0.00 kN	0.00 kN	6.20 kN
25.34 m	1.21 kN	5.13 kN	0.00 kN	0.00 kN	6.34 kN
25.34 m	1.21 kN	5.13 kN	0.00 kN	0.00 kN	6.34 kN
24.84 m	1.34 kN	10.03 kN	0.00 kN	0.00 kN	11.37 kN
24.34 m	1.46 kN	10.00 kN	0.00 kN	0.00 kN	11.47 kN
23.84 m	1.59 kN	9.98 kN	0.00 kN	0.00 kN	11.57 kN
23.34 m	1.72 kN	9.95 kN	0.00 kN	0.00 kN	11.67 kN
22.84 m	1.85 kN	9.93 kN	0.00 kN	0.00 kN	11.78 kN
22.34 m	1.99 kN	9.90 kN	0.00 kN	0.00 kN	11.89 kN
21.84 m	2.13 kN	9.88 kN	0.00 kN	0.00 kN	12.00 kN
21.34 m	2.26 kN	9.85 kN	0.00 kN	0.00 kN	12.12 kN
20.84 m	2.40 kN	9.83 kN	0.00 kN	0.00 kN	12.23 kN
20.34 m	2.55 kN	9.81 kN	0.00 kN	0.00 kN	12.35 kN
20.34 m	2.55 kN	9.81 kN	0.00 kN	0.00 kN	12.35 kN
19.84 m	2.69 kN	9.78 kN	0.00 kN	0.00 kN	12.47 kN
19.34 m	2.83 kN	9.76 kN	0.00 kN	0.00 kN	12.59 kN
18.84 m	2.98 kN	9.74 kN	0.00 kN	0.00 kN	12.71 kN
18.34 m	3.12 kN	9.72 kN	0.00 kN	0.00 kN	12.84 kN
17.84 m	3.27 kN	9.69 kN	0.00 kN	0.00 kN	12.96 kN
17.34 m	3.42 kN	9.67 kN	0.00 kN	0.00 kN	13.09 kN
16.84 m	3.57 kN	9.65 kN	0.00 kN	0.00 kN	13.22 kN
16.34 m	3.72 kN	9.63 kN	0.00 kN	0.00 kN	13.35 kN
15.84 m	3.88 kN	9.61 kN	0.00 kN	0.00 kN	13.49 kN
15.34 m	4.03 kN	9.59 kN	0.00 kN	0.00 kN	13.63 kN
15.34 m	4.03 kN	9.59 kN	0.00 kN	0.00 kN	13.63 kN
14.84 m	4.18 kN	9.58 kN	0.00 kN	0.00 kN	13.76 kN
14.34 m	4.34 kN	9.56 kN	0.00 kN	0.00 kN	13.89 kN
13.84 m	4.49 kN	9.54 kN	0.00 kN	0.00 kN	14.03 kN
13.34 m	4.65 kN	9.52 kN	0.00 kN	0.00 kN	14.17 kN
12.84 m	4.80 kN	9.51 kN	0.00 kN	0.00 kN	14.31 kN
12.34 m	4.96 kN	9.49 kN	0.00 kN	0.00 kN	14.45 kN
11.84 m	5.12 kN	9.47 kN	0.00 kN	0.00 kN	14.59 kN
11.34 m	5.28 kN	9.46 kN	0.00 kN	0.00 kN	14.74 kN
10.84 m	5.44 kN	9.44 kN	0.00 kN	0.00 kN	14.88 kN
10.34 m	5.60 kN	9.43 kN	0.00 kN	0.00 kN	15.03 kN
10.34 m	5.60 kN	9.43 kN	0.00 kN	0.00 kN	15.03 kN
9.84 m	5.76 kN	9.41 kN	0.00 kN	0.00 kN	15.17 kN
9.34 m	5.91 kN	9.40 kN	0.00 kN	0.00 kN	15.32 kN
8.84 m	6.07 kN	9.39 kN	0.00 kN	0.00 kN	15.46 kN
8.34 m	6.23 kN	9.38 kN	0.00 kN	0.00 kN	15.60 kN
7.84 m	6.38 kN	9.36 kN	0.00 kN	0.00 kN	15.75 kN
7.34 m	6.54 kN	9.35 kN	0.00 kN	0.00 kN	15.89 kN
6.84 m	6.69 kN	9.34 kN	0.00 kN	0.00 kN	16.04 kN
6.34 m	6.78 kN	9.33 kN	0.00 kN	0.00 kN	16.11 kN
5.84 m	6.86 kN	9.32 kN	0.00 kN	0.00 kN	16.19 kN
5.34 m	6.94 kN	9.31 kN	0.00 kN	0.00 kN	16.26 kN
5.34 m	6.94 kN	9.31 kN	0.00 kN	0.00 kN	16.26 kN
4.72 m	7.03 kN	9.30 kN	0.00 kN	0.00 kN	16.34 kN
4.09 m	7.12 kN	9.29 kN	0.00 kN	0.00 kN	16.42 kN
3.49 m	7.21 kN	9.28 kN	0.00 kN	0.00 kN	16.49 kN
3.47 m	7.21 kN	9.28 kN	0.00 kN	0.00 kN	16.49 kN
2.84 m	7.30 kN	9.28 kN	0.00 kN	0.00 kN	16.57 kN
2.22 m	7.39 kN	9.27 kN	0.00 kN	0.00 kN	16.66 kN
1.59 m	7.48 kN	9.26 kN	0.00 kN	0.00 kN	16.74 kN
1.24 m	7.53 kN	9.26 kN	0.00 kN	0.00 kN	16.79 kN
0.97 m	7.57 kN	9.26 kN	0.00 kN	0.00 kN	16.83 kN
0.34 m	7.67 kN	9.25 kN	0.00 kN	0.00 kN	16.92 kN

SOUTH WEST WIND

RL	SHAFT V	AREA V	POINT V	LINEAR V	COMBINED V
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.09 kN	0.00 kN	0.00 kN	0.00 kN	0.09 kN
29.62 m	0.17 kN	3.64 kN	0.00 kN	0.00 kN	3.82 kN
29.49 m	0.19 kN	3.64 kN	0.00 kN	0.00 kN	3.83 kN
29.01 m	0.25 kN	3.63 kN	0.00 kN	0.00 kN	3.89 kN
28.40 m	0.33 kN	3.62 kN	0.00 kN	0.00 kN	3.95 kN
27.78 m	0.44 kN	3.61 kN	0.00 kN	0.00 kN	4.05 kN
27.17 m	0.55 kN	3.60 kN	0.00 kN	0.00 kN	4.15 kN
26.56 m	0.66 kN	3.58 kN	0.00 kN	0.00 kN	4.25 kN
25.95 m	0.78 kN	3.57 kN	0.00 kN	0.00 kN	4.35 kN
25.34 m	0.89 kN	3.56 kN	0.00 kN	0.00 kN	4.46 kN
25.34 m	0.89 kN	3.56 kN	0.00 kN	0.00 kN	4.46 kN
24.84 m	0.99 kN	8.05 kN	0.00 kN	0.00 kN	9.03 kN
24.34 m	1.09 kN	8.03 kN	0.00 kN	0.00 kN	9.11 kN
23.84 m	1.18 kN	8.01 kN	0.00 kN	0.00 kN	9.19 kN
23.34 m	1.28 kN	7.99 kN	0.00 kN	0.00 kN	9.27 kN

22.84 m	1.38 kN	7.97 kN	0.00 kN	0.00 kN	9.35 kN
22.34 m	1.49 kN	7.95 kN	0.00 kN	0.00 kN	9.43 kN
21.84 m	1.59 kN	7.93 kN	0.00 kN	0.00 kN	9.52 kN
21.34 m	1.70 kN	7.91 kN	0.00 kN	0.00 kN	9.61 kN
20.84 m	1.80 kN	7.89 kN	0.00 kN	0.00 kN	9.70 kN
20.34 m	1.91 kN	7.87 kN	0.00 kN	0.00 kN	9.79 kN
20.34 m	1.91 kN	7.87 kN	0.00 kN	0.00 kN	9.79 kN
19.84 m	2.02 kN	7.86 kN	0.00 kN	0.00 kN	9.88 kN
19.34 m	2.13 kN	7.84 kN	0.00 kN	0.00 kN	9.97 kN
18.84 m	2.24 kN	7.82 kN	0.00 kN	0.00 kN	10.06 kN
18.34 m	2.35 kN	7.81 kN	0.00 kN	0.00 kN	10.15 kN
17.84 m	2.46 kN	7.79 kN	0.00 kN	0.00 kN	10.25 kN
17.34 m	2.57 kN	7.77 kN	0.00 kN	0.00 kN	10.35 kN
16.84 m	2.69 kN	7.76 kN	0.00 kN	0.00 kN	10.44 kN
16.34 m	2.80 kN	7.74 kN	0.00 kN	0.00 kN	10.54 kN
15.84 m	2.91 kN	7.73 kN	0.00 kN	0.00 kN	10.64 kN
15.34 m	3.03 kN	7.71 kN	0.00 kN	0.00 kN	10.74 kN
15.34 m	3.03 kN	7.71 kN	0.00 kN	0.00 kN	10.74 kN
14.84 m	3.14 kN	7.70 kN	0.00 kN	0.00 kN	10.84 kN
14.34 m	3.26 kN	7.68 kN	0.00 kN	0.00 kN	10.94 kN
13.84 m	3.37 kN	7.67 kN	0.00 kN	0.00 kN	11.04 kN
13.34 m	3.49 kN	7.66 kN	0.00 kN	0.00 kN	11.14 kN
12.84 m	3.60 kN	7.64 kN	0.00 kN	0.00 kN	11.25 kN
12.34 m	3.72 kN	7.63 kN	0.00 kN	0.00 kN	11.35 kN
11.84 m	3.83 kN	7.62 kN	0.00 kN	0.00 kN	11.45 kN
11.34 m	3.95 kN	7.61 kN	0.00 kN	0.00 kN	11.56 kN
10.84 m	4.06 kN	7.60 kN	0.00 kN	0.00 kN	11.66 kN
10.34 m	4.18 kN	7.59 kN	0.00 kN	0.00 kN	11.77 kN
10.34 m	4.18 kN	7.59 kN	0.00 kN	0.00 kN	11.77 kN
9.84 m	4.30 kN	7.57 kN	0.00 kN	0.00 kN	11.87 kN
9.34 m	4.41 kN	7.56 kN	0.00 kN	0.00 kN	11.97 kN
8.84 m	4.53 kN	7.55 kN	0.00 kN	0.00 kN	12.08 kN
8.34 m	4.64 kN	7.54 kN	0.00 kN	0.00 kN	12.19 kN
7.84 m	4.76 kN	7.53 kN	0.00 kN	0.00 kN	12.30 kN
7.34 m	4.88 kN	7.53 kN	0.00 kN	0.00 kN	12.41 kN
6.84 m	5.01 kN	7.52 kN	0.00 kN	0.00 kN	12.52 kN
6.34 m	5.08 kN	7.51 kN	0.00 kN	0.00 kN	12.59 kN
5.84 m	5.15 kN	7.50 kN	0.00 kN	0.00 kN	12.65 kN
5.34 m	5.22 kN	7.49 kN	0.00 kN	0.00 kN	12.71 kN
5.34 m	5.22 kN	7.49 kN	0.00 kN	0.00 kN	12.71 kN
4.72 m	5.30 kN	7.49 kN	0.00 kN	0.00 kN	12.79 kN
4.09 m	5.38 kN	7.48 kN	0.00 kN	0.00 kN	12.86 kN
3.49 m	5.45 kN	7.47 kN	0.00 kN	0.00 kN	12.92 kN
3.47 m	5.45 kN	7.47 kN	0.00 kN	0.00 kN	12.92 kN
2.84 m	5.53 kN	7.46 kN	0.00 kN	0.00 kN	13.00 kN
2.22 m	5.61 kN	7.46 kN	0.00 kN	0.00 kN	13.07 kN
1.59 m	5.69 kN	7.45 kN	0.00 kN	0.00 kN	13.14 kN
1.24 m	5.73 kN	7.45 kN	0.00 kN	0.00 kN	13.18 kN
0.97 m	5.77 kN	7.45 kN	0.00 kN	0.00 kN	13.22 kN
0.34 m	5.85 kN	7.44 kN	0.00 kN	0.00 kN	13.29 kN

WEST WIND

RL	SHAFT V	AREA V	POINT V	LINEAR V	COMBINED V
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.08 kN	0.00 kN	0.00 kN	0.00 kN	0.08 kN
29.62 m	0.17 kN	3.13 kN	0.00 kN	0.00 kN	3.30 kN
29.49 m	0.18 kN	3.13 kN	0.00 kN	0.00 kN	3.31 kN
29.01 m	0.25 kN	3.12 kN	0.00 kN	0.00 kN	3.37 kN
28.40 m	0.32 kN	3.11 kN	0.00 kN	0.00 kN	3.44 kN
27.78 m	0.40 kN	3.10 kN	0.00 kN	0.00 kN	3.50 kN
27.17 m	0.50 kN	3.09 kN	0.00 kN	0.00 kN	3.59 kN
26.56 m	0.60 kN	3.08 kN	0.00 kN	0.00 kN	3.68 kN
25.95 m	0.70 kN	3.07 kN	0.00 kN	0.00 kN	3.78 kN
25.34 m	0.81 kN	3.06 kN	0.00 kN	0.00 kN	3.87 kN
25.34 m	0.81 kN	3.06 kN	0.00 kN	0.00 kN	3.87 kN
24.84 m	0.90 kN	7.40 kN	0.00 kN	0.00 kN	8.29 kN
24.34 m	0.98 kN	7.38 kN	0.00 kN	0.00 kN	8.36 kN
23.84 m	1.07 kN	7.36 kN	0.00 kN	0.00 kN	8.43 kN
23.34 m	1.16 kN	7.34 kN	0.00 kN	0.00 kN	8.51 kN
22.84 m	1.25 kN	7.33 kN	0.00 kN	0.00 kN	8.58 kN
22.34 m	1.34 kN	7.31 kN	0.00 kN	0.00 kN	8.65 kN
21.84 m	1.44 kN	7.29 kN	0.00 kN	0.00 kN	8.73 kN
21.34 m	1.53 kN	7.28 kN	0.00 kN	0.00 kN	8.81 kN
20.84 m	1.63 kN	7.26 kN	0.00 kN	0.00 kN	8.89 kN
20.34 m	1.72 kN	7.24 kN	0.00 kN	0.00 kN	8.97 kN
20.34 m	1.72 kN	7.24 kN	0.00 kN	0.00 kN	8.97 kN
19.84 m	1.82 kN	7.23 kN	0.00 kN	0.00 kN	9.05 kN
19.34 m	1.92 kN	7.21 kN	0.00 kN	0.00 kN	9.13 kN
18.84 m	2.01 kN	7.20 kN	0.00 kN	0.00 kN	9.21 kN
18.34 m	2.11 kN	7.18 kN	0.00 kN	0.00 kN	9.29 kN
17.84 m	2.21 kN	7.17 kN	0.00 kN	0.00 kN	9.38 kN
17.34 m	2.31 kN	7.15 kN	0.00 kN	0.00 kN	9.46 kN
16.84 m	2.41 kN	7.14 kN	0.00 kN	0.00 kN	9.55 kN
16.34 m	2.51 kN	7.13 kN	0.00 kN	0.00 kN	9.63 kN
15.84 m	2.61 kN	7.11 kN	0.00 kN	0.00 kN	9.72 kN
15.34 m	2.71 kN	7.10 kN	0.00 kN	0.00 kN	9.81 kN
15.34 m	2.71 kN	7.10 kN	0.00 kN	0.00 kN	9.81 kN
14.84 m	2.80 kN	7.09 kN	0.00 kN	0.00 kN	9.89 kN
14.34 m	2.90 kN	7.08 kN	0.00 kN	0.00 kN	9.98 kN
13.84 m	3.00 kN	7.06 kN	0.00 kN	0.00 kN	10.06 kN
13.34 m	3.10 kN	7.05 kN	0.00 kN	0.00 kN	10.15 kN
12.84 m	3.20 kN	7.04 kN	0.00 kN	0.00 kN	10.24 kN
12.34 m	3.30 kN	7.03 kN	0.00 kN	0.00 kN	10.33 kN
11.84 m	3.40 kN	7.02 kN	0.00 kN	0.00 kN	10.41 kN
11.34 m	3.50 kN	7.01 kN	0.00 kN	0.00 kN	10.50 kN
10.84 m	3.60 kN	7.00 kN	0.00 kN	0.00 kN	10.59 kN
10.34 m	3.69 kN	6.99 kN	0.00 kN	0.00 kN	10.68 kN
10.34 m	3.69 kN	6.99 kN	0.00 kN	0.00 kN	10.68 kN
9.84 m	3.79 kN	6.98 kN	0.00 kN	0.00 kN	10.77 kN
9.34 m	3.88 kN	6.97 kN	0.00 kN	0.00 kN	10.85 kN

8.84 m	3.97 kN	6.96 kN	0.00 kN	0.00 kN	10.92 kN
8.34 m	4.05 kN	6.95 kN	0.00 kN	0.00 kN	11.00 kN
7.84 m	4.14 kN	6.94 kN	0.00 kN	0.00 kN	11.08 kN
7.34 m	4.23 kN	6.93 kN	0.00 kN	0.00 kN	11.16 kN
6.84 m	4.31 kN	6.92 kN	0.00 kN	0.00 kN	11.24 kN
6.34 m	4.38 kN	6.92 kN	0.00 kN	0.00 kN	11.30 kN
5.84 m	4.45 kN	6.91 kN	0.00 kN	0.00 kN	11.36 kN
5.34 m	4.51 kN	6.90 kN	0.00 kN	0.00 kN	11.42 kN
5.34 m	4.51 kN	6.90 kN	0.00 kN	0.00 kN	11.42 kN
4.72 m	4.59 kN	6.90 kN	0.00 kN	0.00 kN	11.49 kN
4.09 m	4.66 kN	6.89 kN	0.00 kN	0.00 kN	11.55 kN
3.49 m	4.73 kN	6.88 kN	0.00 kN	0.00 kN	11.61 kN
3.47 m	4.73 kN	6.88 kN	0.00 kN	0.00 kN	11.62 kN
2.84 m	4.81 kN	6.87 kN	0.00 kN	0.00 kN	11.68 kN
2.22 m	4.87 kN	6.87 kN	0.00 kN	0.00 kN	11.74 kN
1.59 m	4.94 kN	6.86 kN	0.00 kN	0.00 kN	11.81 kN
1.24 m	4.98 kN	6.86 kN	0.00 kN	0.00 kN	11.85 kN
0.97 m	5.02 kN	6.86 kN	0.00 kN	0.00 kN	11.88 kN
0.34 m	5.09 kN	6.86 kN	0.00 kN	0.00 kN	11.95 kN

NORTH WEST WIND

RL	SHAFT V	AREA V	POINT V	LINEAR V	COMBINED V
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.09 kN	0.00 kN	0.00 kN	0.00 kN	0.09 kN
29.62 m	0.17 kN	3.98 kN	0.00 kN	0.00 kN	4.15 kN
29.49 m	0.19 kN	3.97 kN	0.00 kN	0.00 kN	4.16 kN
29.01 m	0.26 kN	3.96 kN	0.00 kN	0.00 kN	4.22 kN
28.40 m	0.34 kN	3.95 kN	0.00 kN	0.00 kN	4.29 kN
27.78 m	0.45 kN	3.94 kN	0.00 kN	0.00 kN	4.38 kN
27.17 m	0.56 kN	3.92 kN	0.00 kN	0.00 kN	4.48 kN
26.56 m	0.67 kN	3.91 kN	0.00 kN	0.00 kN	4.58 kN
25.95 m	0.79 kN	3.90 kN	0.00 kN	0.00 kN	4.68 kN
25.34 m	0.91 kN	3.89 kN	0.00 kN	0.00 kN	4.79 kN
25.34 m	0.91 kN	3.89 kN	0.00 kN	0.00 kN	4.79 kN
24.84 m	1.00 kN	7.98 kN	0.00 kN	0.00 kN	8.98 kN
24.34 m	1.10 kN	7.96 kN	0.00 kN	0.00 kN	9.05 kN
23.84 m	1.20 kN	7.94 kN	0.00 kN	0.00 kN	9.13 kN
23.34 m	1.30 kN	7.92 kN	0.00 kN	0.00 kN	9.21 kN
22.84 m	1.40 kN	7.90 kN	0.00 kN	0.00 kN	9.30 kN
22.34 m	1.50 kN	7.88 kN	0.00 kN	0.00 kN	9.38 kN
21.84 m	1.61 kN	7.86 kN	0.00 kN	0.00 kN	9.47 kN
21.34 m	1.71 kN	7.84 kN	0.00 kN	0.00 kN	9.56 kN
20.84 m	1.82 kN	7.82 kN	0.00 kN	0.00 kN	9.64 kN
20.34 m	1.93 kN	7.80 kN	0.00 kN	0.00 kN	9.74 kN
20.34 m	1.93 kN	7.80 kN	0.00 kN	0.00 kN	9.74 kN
19.84 m	2.04 kN	7.79 kN	0.00 kN	0.00 kN	9.82 kN
19.34 m	2.15 kN	7.77 kN	0.00 kN	0.00 kN	9.92 kN
18.84 m	2.26 kN	7.75 kN	0.00 kN	0.00 kN	10.01 kN
18.34 m	2.36 kN	7.74 kN	0.00 kN	0.00 kN	10.10 kN
17.84 m	2.48 kN	7.72 kN	0.00 kN	0.00 kN	10.20 kN
17.34 m	2.59 kN	7.70 kN	0.00 kN	0.00 kN	10.29 kN
16.84 m	2.70 kN	7.69 kN	0.00 kN	0.00 kN	10.39 kN
16.34 m	2.81 kN	7.67 kN	0.00 kN	0.00 kN	10.48 kN
15.84 m	2.92 kN	7.66 kN	0.00 kN	0.00 kN	10.58 kN
15.34 m	3.04 kN	7.64 kN	0.00 kN	0.00 kN	10.68 kN
15.34 m	3.04 kN	7.64 kN	0.00 kN	0.00 kN	10.68 kN
14.84 m	3.15 kN	7.63 kN	0.00 kN	0.00 kN	10.78 kN
14.34 m	3.26 kN	7.61 kN	0.00 kN	0.00 kN	10.87 kN
13.84 m	3.37 kN	7.60 kN	0.00 kN	0.00 kN	10.97 kN
13.34 m	3.48 kN	7.59 kN	0.00 kN	0.00 kN	11.07 kN
12.84 m	3.60 kN	7.57 kN	0.00 kN	0.00 kN	11.17 kN
12.34 m	3.71 kN	7.56 kN	0.00 kN	0.00 kN	11.27 kN
11.84 m	3.82 kN	7.55 kN	0.00 kN	0.00 kN	11.37 kN
11.34 m	3.93 kN	7.54 kN	0.00 kN	0.00 kN	11.47 kN
10.84 m	4.05 kN	7.53 kN	0.00 kN	0.00 kN	11.57 kN
10.34 m	4.16 kN	7.52 kN	0.00 kN	0.00 kN	11.67 kN
10.34 m	4.16 kN	7.52 kN	0.00 kN	0.00 kN	11.67 kN
9.84 m	4.27 kN	7.50 kN	0.00 kN	0.00 kN	11.77 kN
9.34 m	4.37 kN	7.49 kN	0.00 kN	0.00 kN	11.86 kN
8.84 m	4.46 kN	7.48 kN	0.00 kN	0.00 kN	11.95 kN
8.34 m	4.56 kN	7.47 kN	0.00 kN	0.00 kN	12.03 kN
7.84 m	4.66 kN	7.46 kN	0.00 kN	0.00 kN	12.12 kN
7.34 m	4.75 kN	7.46 kN	0.00 kN	0.00 kN	12.21 kN
6.84 m	4.85 kN	7.45 kN	0.00 kN	0.00 kN	12.30 kN
6.34 m	4.92 kN	7.44 kN	0.00 kN	0.00 kN	12.36 kN
5.84 m	4.99 kN	7.43 kN	0.00 kN	0.00 kN	12.42 kN
5.34 m	5.06 kN	7.42 kN	0.00 kN	0.00 kN	12.48 kN
5.34 m	5.06 kN	7.42 kN	0.00 kN	0.00 kN	12.48 kN
4.72 m	5.14 kN	7.42 kN	0.00 kN	0.00 kN	12.55 kN
4.09 m	5.22 kN	7.41 kN	0.00 kN	0.00 kN	12.62 kN
3.49 m	5.29 kN	7.40 kN	0.00 kN	0.00 kN	12.69 kN
3.47 m	5.29 kN	7.40 kN	0.00 kN	0.00 kN	12.69 kN
2.84 m	5.37 kN	7.39 kN	0.00 kN	0.00 kN	12.76 kN
2.22 m	5.45 kN	7.39 kN	0.00 kN	0.00 kN	12.84 kN
1.59 m	5.53 kN	7.38 kN	0.00 kN	0.00 kN	12.91 kN
1.24 m	5.58 kN	7.38 kN	0.00 kN	0.00 kN	12.95 kN
0.97 m	5.61 kN	7.38 kN	0.00 kN	0.00 kN	12.99 kN
0.34 m	5.70 kN	7.37 kN	0.00 kN	0.00 kN	13.07 kN

----- AXIAL (N) -----

LOAD CASE 1: 1.2 G + Pu + Wu

RL	SHAFT N*	AREA N*	POINT N*	LINEAR N*	COMBINED N*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.25 kN	0.00 kN	0.00 kN	0.00 kN	0.25 kN
29.62 m	0.51 kN	2.26 kN	0.00 kN	0.00 kN	2.77 kN
29.49 m	0.56 kN	2.26 kN	0.00 kN	0.00 kN	2.82 kN
29.01 m	0.78 kN	2.26 kN	0.00 kN	0.00 kN	3.04 kN

28.40 m	1.06 kN	2.26 kN	0.00 kN	0.00 kN	3.32 kN
27.78 m	1.35 kN	2.26 kN	0.00 kN	0.00 kN	3.61 kN
27.17 m	1.65 kN	2.26 kN	0.00 kN	0.00 kN	3.91 kN
26.56 m	1.97 kN	2.26 kN	0.00 kN	0.00 kN	4.23 kN
25.95 m	2.29 kN	2.26 kN	0.00 kN	0.00 kN	4.55 kN
25.34 m	3.00 kN	2.26 kN	0.00 kN	0.00 kN	5.26 kN
25.34 m	3.00 kN	2.26 kN	0.00 kN	0.00 kN	5.26 kN
24.84 m	3.33 kN	5.23 kN	0.00 kN	0.00 kN	8.56 kN
24.34 m	3.67 kN	5.23 kN	0.00 kN	0.00 kN	8.89 kN
23.84 m	4.01 kN	5.23 kN	0.00 kN	0.00 kN	9.24 kN
23.34 m	4.36 kN	5.23 kN	0.00 kN	0.00 kN	9.59 kN
22.84 m	4.73 kN	5.23 kN	0.00 kN	0.00 kN	9.95 kN
22.34 m	5.10 kN	5.23 kN	0.00 kN	0.00 kN	10.32 kN
21.84 m	5.47 kN	5.23 kN	0.00 kN	0.00 kN	10.70 kN
21.34 m	5.86 kN	5.23 kN	0.00 kN	0.00 kN	11.09 kN
20.84 m	6.25 kN	5.23 kN	0.00 kN	0.00 kN	11.48 kN
20.34 m	7.38 kN	5.23 kN	0.00 kN	0.00 kN	12.61 kN
20.34 m	7.38 kN	5.23 kN	0.00 kN	0.00 kN	12.61 kN
19.84 m	7.92 kN	5.23 kN	0.00 kN	0.00 kN	13.14 kN
19.34 m	8.46 kN	5.23 kN	0.00 kN	0.00 kN	13.69 kN
18.84 m	9.02 kN	5.23 kN	0.00 kN	0.00 kN	14.24 kN
18.34 m	9.58 kN	5.23 kN	0.00 kN	0.00 kN	14.81 kN
17.84 m	10.16 kN	5.23 kN	0.00 kN	0.00 kN	15.39 kN
17.34 m	10.75 kN	5.23 kN	0.00 kN	0.00 kN	15.98 kN
16.84 m	11.35 kN	5.23 kN	0.00 kN	0.00 kN	16.58 kN
16.34 m	11.97 kN	5.23 kN	0.00 kN	0.00 kN	17.19 kN
15.84 m	12.59 kN	5.23 kN	0.00 kN	0.00 kN	17.82 kN
15.34 m	14.21 kN	5.23 kN	0.00 kN	0.00 kN	19.43 kN
15.34 m	14.21 kN	5.23 kN	0.00 kN	0.00 kN	19.43 kN
14.84 m	14.84 kN	5.23 kN	0.00 kN	0.00 kN	20.06 kN
14.34 m	15.47 kN	5.23 kN	0.00 kN	0.00 kN	20.70 kN
13.84 m	16.13 kN	5.23 kN	0.00 kN	0.00 kN	21.35 kN
13.34 m	16.79 kN	5.23 kN	0.00 kN	0.00 kN	22.01 kN
12.84 m	17.46 kN	5.23 kN	0.00 kN	0.00 kN	22.69 kN
12.34 m	18.14 kN	5.23 kN	0.00 kN	0.00 kN	23.37 kN
11.84 m	18.84 kN	5.23 kN	0.00 kN	0.00 kN	24.07 kN
11.34 m	19.55 kN	5.23 kN	0.00 kN	0.00 kN	24.77 kN
10.84 m	20.27 kN	5.23 kN	0.00 kN	0.00 kN	25.49 kN
10.34 m	22.58 kN	5.23 kN	0.00 kN	0.00 kN	27.81 kN
10.34 m	22.58 kN	5.23 kN	0.00 kN	0.00 kN	27.81 kN
9.84 m	23.48 kN	5.23 kN	0.00 kN	0.00 kN	28.71 kN
9.34 m	24.39 kN	5.23 kN	0.00 kN	0.00 kN	29.62 kN
8.84 m	25.32 kN	5.23 kN	0.00 kN	0.00 kN	30.55 kN
8.34 m	26.26 kN	5.23 kN	0.00 kN	0.00 kN	31.49 kN
7.84 m	27.22 kN	5.23 kN	0.00 kN	0.00 kN	32.45 kN
7.34 m	28.19 kN	5.23 kN	0.00 kN	0.00 kN	33.42 kN
6.84 m	29.17 kN	5.23 kN	0.00 kN	0.00 kN	34.40 kN
6.34 m	30.17 kN	5.23 kN	0.00 kN	0.00 kN	35.40 kN
5.84 m	31.18 kN	5.23 kN	0.00 kN	0.00 kN	36.41 kN
5.34 m	34.19 kN	5.23 kN	0.00 kN	0.00 kN	39.42 kN
5.34 m	34.19 kN	5.23 kN	0.00 kN	0.00 kN	39.42 kN
4.72 m	35.46 kN	5.23 kN	0.00 kN	0.00 kN	40.68 kN
4.09 m	36.75 kN	5.23 kN	0.00 kN	0.00 kN	41.97 kN
3.49 m	38.01 kN	5.23 kN	0.00 kN	0.00 kN	43.23 kN
3.47 m	38.06 kN	5.23 kN	0.00 kN	0.00 kN	43.28 kN
2.84 m	39.39 kN	5.23 kN	0.00 kN	0.00 kN	44.62 kN
2.22 m	40.75 kN	5.23 kN	0.00 kN	0.00 kN	45.97 kN
1.59 m	42.12 kN	5.23 kN	0.00 kN	0.00 kN	47.35 kN
1.24 m	42.91 kN	5.23 kN	0.00 kN	0.00 kN	48.13 kN
0.97 m	43.52 kN	5.23 kN	0.00 kN	0.00 kN	48.75 kN
0.34 m	44.95 kN	5.23 kN	0.00 kN	0.00 kN	50.17 kN

LOAD CASE 2: 0.9 G + Pu + Wu

RL	SHAFT N*	AREA N*	POINT N*	LINEAR N*	COMBINED N*
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.19 kN	0.00 kN	0.00 kN	0.00 kN	0.19 kN
29.62 m	0.38 kN	1.70 kN	0.00 kN	0.00 kN	2.08 kN
29.49 m	0.42 kN	1.70 kN	0.00 kN	0.00 kN	2.12 kN
29.01 m	0.58 kN	1.70 kN	0.00 kN	0.00 kN	2.28 kN
28.40 m	0.80 kN	1.70 kN	0.00 kN	0.00 kN	2.49 kN
27.78 m	1.01 kN	1.70 kN	0.00 kN	0.00 kN	2.71 kN
27.17 m	1.24 kN	1.70 kN	0.00 kN	0.00 kN	2.94 kN
26.56 m	1.47 kN	1.70 kN	0.00 kN	0.00 kN	3.17 kN
25.95 m	1.72 kN	1.70 kN	0.00 kN	0.00 kN	3.41 kN
25.34 m	2.25 kN	1.70 kN	0.00 kN	0.00 kN	3.95 kN
25.34 m	2.25 kN	1.70 kN	0.00 kN	0.00 kN	3.95 kN
24.84 m	2.50 kN	3.92 kN	0.00 kN	0.00 kN	6.42 kN
24.34 m	2.75 kN	3.92 kN	0.00 kN	0.00 kN	6.67 kN
23.84 m	3.01 kN	3.92 kN	0.00 kN	0.00 kN	6.93 kN
23.34 m	3.27 kN	3.92 kN	0.00 kN	0.00 kN	7.19 kN
22.84 m	3.54 kN	3.92 kN	0.00 kN	0.00 kN	7.46 kN
22.34 m	3.82 kN	3.92 kN	0.00 kN	0.00 kN	7.74 kN
21.84 m	4.10 kN	3.92 kN	0.00 kN	0.00 kN	8.02 kN
21.34 m	4.39 kN	3.92 kN	0.00 kN	0.00 kN	8.31 kN
20.84 m	4.69 kN	3.92 kN	0.00 kN	0.00 kN	8.61 kN
20.34 m	5.54 kN	3.92 kN	0.00 kN	0.00 kN	9.46 kN
20.34 m	5.54 kN	3.92 kN	0.00 kN	0.00 kN	9.46 kN
19.84 m	5.94 kN	3.92 kN	0.00 kN	0.00 kN	9.86 kN
19.34 m	6.35 kN	3.92 kN	0.00 kN	0.00 kN	10.27 kN
18.84 m	6.76 kN	3.92 kN	0.00 kN	0.00 kN	10.68 kN
18.34 m	7.19 kN	3.92 kN	0.00 kN	0.00 kN	11.11 kN
17.84 m	7.62 kN	3.92 kN	0.00 kN	0.00 kN	11.54 kN
17.34 m	8.06 kN	3.92 kN	0.00 kN	0.00 kN	11.98 kN
16.84 m	8.52 kN	3.92 kN	0.00 kN	0.00 kN	12.44 kN
16.34 m	8.98 kN	3.92 kN	0.00 kN	0.00 kN	12.90 kN
15.84 m	9.44 kN	3.92 kN	0.00 kN	0.00 kN	13.36 kN
15.34 m	10.66 kN	3.92 kN	0.00 kN	0.00 kN	14.58 kN
15.34 m	10.66 kN	3.92 kN	0.00 kN	0.00 kN	14.58 kN
14.84 m	11.13 kN	3.92 kN	0.00 kN	0.00 kN	15.05 kN
14.34 m	11.61 kN	3.92 kN	0.00 kN	0.00 kN	15.53 kN

13.84 m	12.09 kN	3.92 kN	0.00 kN	0.00 kN	16.01 kN
13.34 m	12.59 kN	3.92 kN	0.00 kN	0.00 kN	16.51 kN
12.84 m	13.10 kN	3.92 kN	0.00 kN	0.00 kN	17.02 kN
12.34 m	13.61 kN	3.92 kN	0.00 kN	0.00 kN	17.53 kN
11.84 m	14.13 kN	3.92 kN	0.00 kN	0.00 kN	18.05 kN
11.34 m	14.66 kN	3.92 kN	0.00 kN	0.00 kN	18.58 kN
10.84 m	15.20 kN	3.92 kN	0.00 kN	0.00 kN	19.12 kN
10.34 m	16.93 kN	3.92 kN	0.00 kN	0.00 kN	20.85 kN
10.34 m	16.93 kN	3.92 kN	0.00 kN	0.00 kN	20.85 kN
9.84 m	17.61 kN	3.92 kN	0.00 kN	0.00 kN	21.53 kN
9.34 m	18.29 kN	3.92 kN	0.00 kN	0.00 kN	22.21 kN
8.84 m	18.99 kN	3.92 kN	0.00 kN	0.00 kN	22.91 kN
8.34 m	19.70 kN	3.92 kN	0.00 kN	0.00 kN	23.62 kN
7.84 m	20.41 kN	3.92 kN	0.00 kN	0.00 kN	24.33 kN
7.34 m	21.14 kN	3.92 kN	0.00 kN	0.00 kN	25.06 kN
6.84 m	21.88 kN	3.92 kN	0.00 kN	0.00 kN	25.80 kN
6.34 m	22.63 kN	3.92 kN	0.00 kN	0.00 kN	26.55 kN
5.84 m	23.39 kN	3.92 kN	0.00 kN	0.00 kN	27.31 kN
5.34 m	25.64 kN	3.92 kN	0.00 kN	0.00 kN	29.56 kN
5.34 m	25.64 kN	3.92 kN	0.00 kN	0.00 kN	29.56 kN
4.72 m	26.59 kN	3.92 kN	0.00 kN	0.00 kN	30.51 kN
4.09 m	27.56 kN	3.92 kN	0.00 kN	0.00 kN	31.48 kN
3.49 m	28.50 kN	3.92 kN	0.00 kN	0.00 kN	32.42 kN
3.47 m	28.54 kN	3.92 kN	0.00 kN	0.00 kN	32.46 kN
2.84 m	29.54 kN	3.92 kN	0.00 kN	0.00 kN	33.46 kN
2.22 m	30.56 kN	3.92 kN	0.00 kN	0.00 kN	34.48 kN
1.59 m	31.59 kN	3.92 kN	0.00 kN	0.00 kN	35.51 kN
1.24 m	32.18 kN	3.92 kN	0.00 kN	0.00 kN	36.10 kN
0.97 m	32.64 kN	3.92 kN	0.00 kN	0.00 kN	36.56 kN
0.34 m	33.71 kN	3.92 kN	0.00 kN	0.00 kN	37.63 kN

LOAD CASE 4: G + Ps + Ws

RL	SHAFT N	AREA N	POINT N	LINEAR N	COMBINED N
30.84 m	0.00 kN	0.00 kN	0.00 kN	0.00 kN	0.00 kN
30.23 m	0.21 kN	0.00 kN	0.00 kN	0.00 kN	0.21 kN
29.62 m	0.42 kN	1.88 kN	0.00 kN	0.00 kN	2.31 kN
29.49 m	0.47 kN	1.88 kN	0.00 kN	0.00 kN	2.35 kN
29.01 m	0.65 kN	1.88 kN	0.00 kN	0.00 kN	2.53 kN
28.40 m	0.88 kN	1.88 kN	0.00 kN	0.00 kN	2.77 kN
27.78 m	1.13 kN	1.88 kN	0.00 kN	0.00 kN	3.01 kN
27.17 m	1.38 kN	1.88 kN	0.00 kN	0.00 kN	3.26 kN
26.56 m	1.64 kN	1.88 kN	0.00 kN	0.00 kN	3.52 kN
25.95 m	1.91 kN	1.88 kN	0.00 kN	0.00 kN	3.79 kN
25.34 m	2.50 kN	1.88 kN	0.00 kN	0.00 kN	4.39 kN
25.34 m	2.50 kN	1.88 kN	0.00 kN	0.00 kN	4.39 kN
24.84 m	2.78 kN	4.36 kN	0.00 kN	0.00 kN	7.13 kN
24.34 m	3.06 kN	4.36 kN	0.00 kN	0.00 kN	7.41 kN
23.84 m	3.34 kN	4.36 kN	0.00 kN	0.00 kN	7.70 kN
23.34 m	3.64 kN	4.36 kN	0.00 kN	0.00 kN	7.99 kN
22.84 m	3.94 kN	4.36 kN	0.00 kN	0.00 kN	8.29 kN
22.34 m	4.25 kN	4.36 kN	0.00 kN	0.00 kN	8.60 kN
21.84 m	4.56 kN	4.36 kN	0.00 kN	0.00 kN	8.92 kN
21.34 m	4.88 kN	4.36 kN	0.00 kN	0.00 kN	9.24 kN
20.84 m	5.21 kN	4.36 kN	0.00 kN	0.00 kN	9.57 kN
20.34 m	6.15 kN	4.36 kN	0.00 kN	0.00 kN	10.51 kN
20.34 m	6.15 kN	4.36 kN	0.00 kN	0.00 kN	10.51 kN
19.84 m	6.60 kN	4.36 kN	0.00 kN	0.00 kN	10.95 kN
19.34 m	7.05 kN	4.36 kN	0.00 kN	0.00 kN	11.41 kN
18.84 m	7.51 kN	4.36 kN	0.00 kN	0.00 kN	11.87 kN
18.34 m	7.99 kN	4.36 kN	0.00 kN	0.00 kN	12.34 kN
17.84 m	8.47 kN	4.36 kN	0.00 kN	0.00 kN	12.83 kN
17.34 m	8.96 kN	4.36 kN	0.00 kN	0.00 kN	13.32 kN
16.84 m	9.46 kN	4.36 kN	0.00 kN	0.00 kN	13.82 kN
16.34 m	9.97 kN	4.36 kN	0.00 kN	0.00 kN	14.33 kN
15.84 m	10.49 kN	4.36 kN	0.00 kN	0.00 kN	14.85 kN
15.34 m	11.84 kN	4.36 kN	0.00 kN	0.00 kN	16.20 kN
15.34 m	11.84 kN	4.36 kN	0.00 kN	0.00 kN	16.20 kN
14.84 m	12.36 kN	4.36 kN	0.00 kN	0.00 kN	16.72 kN
14.34 m	12.90 kN	4.36 kN	0.00 kN	0.00 kN	17.25 kN
13.84 m	13.44 kN	4.36 kN	0.00 kN	0.00 kN	17.79 kN
13.34 m	13.99 kN	4.36 kN	0.00 kN	0.00 kN	18.35 kN
12.84 m	14.55 kN	4.36 kN	0.00 kN	0.00 kN	18.91 kN
12.34 m	15.12 kN	4.36 kN	0.00 kN	0.00 kN	19.48 kN
11.84 m	15.70 kN	4.36 kN	0.00 kN	0.00 kN	20.06 kN
11.34 m	16.29 kN	4.36 kN	0.00 kN	0.00 kN	20.65 kN
10.84 m	16.89 kN	4.36 kN	0.00 kN	0.00 kN	21.24 kN
10.34 m	18.82 kN	4.36 kN	0.00 kN	0.00 kN	23.17 kN
10.34 m	18.82 kN	4.36 kN	0.00 kN	0.00 kN	23.17 kN
9.84 m	19.57 kN	4.36 kN	0.00 kN	0.00 kN	23.92 kN
9.34 m	20.33 kN	4.36 kN	0.00 kN	0.00 kN	24.68 kN
8.84 m	21.10 kN	4.36 kN	0.00 kN	0.00 kN	25.46 kN
8.34 m	21.89 kN	4.36 kN	0.00 kN	0.00 kN	26.24 kN
7.84 m	22.68 kN	4.36 kN	0.00 kN	0.00 kN	27.04 kN
7.34 m	23.49 kN	4.36 kN	0.00 kN	0.00 kN	27.85 kN
6.84 m	24.31 kN	4.36 kN	0.00 kN	0.00 kN	28.67 kN
6.34 m	25.14 kN	4.36 kN	0.00 kN	0.00 kN	29.50 kN
5.84 m	25.99 kN	4.36 kN	0.00 kN	0.00 kN	30.34 kN
5.34 m	28.49 kN	4.36 kN	0.00 kN	0.00 kN	32.85 kN
5.34 m	28.49 kN	4.36 kN	0.00 kN	0.00 kN	32.85 kN
4.72 m	29.55 kN	4.36 kN	0.00 kN	0.00 kN	33.90 kN
4.09 m	30.62 kN	4.36 kN	0.00 kN	0.00 kN	34.98 kN
3.49 m	31.67 kN	4.36 kN	0.00 kN	0.00 kN	36.03 kN
3.47 m	31.71 kN	4.36 kN	0.00 kN	0.00 kN	36.07 kN
2.84 m	32.83 kN	4.36 kN	0.00 kN	0.00 kN	37.18 kN
2.22 m	33.96 kN	4.36 kN	0.00 kN	0.00 kN	38.31 kN
1.59 m	35.10 kN	4.36 kN	0.00 kN	0.00 kN	39.46 kN
1.24 m	35.76 kN	4.36 kN	0.00 kN	0.00 kN	40.11 kN
0.97 m	36.27 kN	4.36 kN	0.00 kN	0.00 kN	40.63 kN
0.34 m	37.46 kN	4.36 kN	0.00 kN	0.00 kN	41.81 kN

----- ROTATION (θ) -----

• Analysis includes second-order (P-Δ) effects.

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	44.5111°	164.2910°	0.0000°	0.0000°	3.6443°
30.23 m	44.5033°	164.2910°	0.0000°	0.0000°	3.6441°
29.62 m	44.4676°	163.9422°	0.0000°	0.0000°	3.6374°
29.49 m	44.4545°	163.7745°	0.0000°	0.0000°	3.6343°
29.01 m	44.3880°	162.8759°	0.0000°	0.0000°	3.6174°
28.40 m	44.2515°	161.1231°	0.0000°	0.0000°	3.5845°
27.78 m	44.0495°	158.8132°	0.0000°	0.0000°	3.5406°
27.17 m	43.7768°	156.0690°	0.0000°	0.0000°	3.4880°
26.56 m	43.4302°	152.9892°	0.0000°	0.0000°	3.4282°
25.95 m	43.0087°	149.6529°	0.0000°	0.0000°	3.3626°
25.34 m	42.5124°	146.1248°	0.0000°	0.0000°	3.2923°
25.34 m	42.5124°	146.1248°	0.0000°	0.0000°	3.2923°
24.84 m	42.0905°	143.3420°	0.0000°	0.0000°	3.2364°
24.34 m	41.6243°	140.3414°	0.0000°	0.0000°	3.1759°
23.84 m	41.1151°	137.0886°	0.0000°	0.0000°	3.1102°
23.34 m	40.5641°	133.6284°	0.0000°	0.0000°	3.0402°
22.84 m	39.9730°	129.9995°	0.0000°	0.0000°	2.9666°
22.34 m	39.3429°	126.2346°	0.0000°	0.0000°	2.8899°
21.84 m	38.6756°	122.3620°	0.0000°	0.0000°	2.8106°
21.34 m	37.9724°	118.4058°	0.0000°	0.0000°	2.7293°
20.84 m	37.2347°	114.3866°	0.0000°	0.0000°	2.6463°
20.34 m	36.4638°	110.3224°	0.0000°	0.0000°	2.5619°
20.34 m	36.4638°	110.3224°	0.0000°	0.0000°	2.5619°
19.84 m	35.8059°	106.9678°	0.0000°	0.0000°	2.4919°
19.34 m	35.1245°	103.6076°	0.0000°	0.0000°	2.4213°
18.84 m	34.4207°	100.2505°	0.0000°	0.0000°	2.3505°
18.34 m	33.6958°	96.9042°	0.0000°	0.0000°	2.2794°
17.84 m	32.9509°	93.5749°	0.0000°	0.0000°	2.2083°
17.34 m	32.1869°	90.2679°	0.0000°	0.0000°	2.1372°
16.84 m	31.4049°	86.9878°	0.0000°	0.0000°	2.0663°
16.34 m	30.6059°	83.7382°	0.0000°	0.0000°	1.9957°
15.84 m	29.7907°	80.5224°	0.0000°	0.0000°	1.9253°
15.34 m	28.9601°	77.3428°	0.0000°	0.0000°	1.8553°
15.34 m	28.9601°	77.3428°	0.0000°	0.0000°	1.8553°
14.84 m	28.0379°	73.9153°	0.0000°	0.0000°	1.7794°
14.34 m	27.1017°	70.5348°	0.0000°	0.0000°	1.7041°
13.84 m	26.1523°	67.2025°	0.0000°	0.0000°	1.6293°
13.34 m	25.1907°	63.9193°	0.0000°	0.0000°	1.5553°
12.84 m	24.2176°	60.6860°	0.0000°	0.0000°	1.4818°
12.34 m	23.2338°	57.5028°	0.0000°	0.0000°	1.4091°
11.84 m	22.2402°	54.3701°	0.0000°	0.0000°	1.3371°
11.34 m	21.2374°	51.2878°	0.0000°	0.0000°	1.2658°
10.84 m	20.2261°	48.2558°	0.0000°	0.0000°	1.1952°
10.34 m	19.2069°	45.2738°	0.0000°	0.0000°	1.1254°
10.34 m	19.2069°	45.2738°	0.0000°	0.0000°	1.1254°
9.84 m	18.3126°	42.7196°	0.0000°	0.0000°	1.0652°
9.34 m	17.4135°	40.2116°	0.0000°	0.0000°	1.0057°
8.84 m	16.5101°	37.7489°	0.0000°	0.0000°	0.9470°
8.34 m	15.6029°	35.3311°	0.0000°	0.0000°	0.8890°
7.84 m	14.6923°	32.9573°	0.0000°	0.0000°	0.8316°
7.34 m	13.7787°	30.6267°	0.0000°	0.0000°	0.7750°
6.84 m	12.8626°	28.3386°	0.0000°	0.0000°	0.7191°
6.34 m	11.9445°	26.0922°	0.0000°	0.0000°	0.6639°
5.84 m	11.0249°	23.8866°	0.0000°	0.0000°	0.6093°
5.34 m	10.1044°	21.7211°	0.0000°	0.0000°	0.5555°
5.34 m	10.1044°	21.7211°	0.0000°	0.0000°	0.5555°
4.72 m	8.8595°	18.8529°	0.0000°	0.0000°	0.4837°
4.09 m	7.6180°	16.0544°	0.0000°	0.0000°	0.4132°
3.49 m	6.3379°	13.2265°	0.0000°	0.0000°	0.3415°
3.47 m	6.2834°	13.1074°	0.0000°	0.0000°	0.3384°
2.84 m	5.0516°	10.4421°	0.0000°	0.0000°	0.2704°
2.22 m	3.8260°	7.8404°	0.0000°	0.0000°	0.2036°
1.59 m	2.5178°	5.1140°	0.0000°	0.0000°	0.1332°
1.24 m	1.7815°	3.6004°	0.0000°	0.0000°	0.0939°
0.97 m	1.2035°	2.4225°	0.0000°	0.0000°	0.0633°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

NORTH EAST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	41.5219°	150.5484°	0.0000°	0.0000°	3.3523°
30.23 m	41.5147°	150.5484°	0.0000°	0.0000°	3.3521°
29.62 m	41.4816°	150.2623°	0.0000°	0.0000°	3.3466°
29.49 m	41.4695°	150.1245°	0.0000°	0.0000°	3.3439°
29.01 m	41.4080°	149.3859°	0.0000°	0.0000°	3.3300°
28.40 m	41.2817°	147.9454°	0.0000°	0.0000°	3.3026°
27.78 m	41.0947°	146.0472°	0.0000°	0.0000°	3.2662°
27.17 m	40.8420°	143.7922°	0.0000°	0.0000°	3.2225°
26.56 m	40.5208°	141.2616°	0.0000°	0.0000°	3.1727°
25.95 m	40.1299°	138.5203°	0.0000°	0.0000°	3.1180°
25.34 m	39.6694°	135.6214°	0.0000°	0.0000°	3.0594°
25.34 m	39.6694°	135.6214°	0.0000°	0.0000°	3.0594°
24.84 m	39.2778°	133.3221°	0.0000°	0.0000°	3.0124°
24.34 m	38.8449°	130.7959°	0.0000°	0.0000°	2.9608°
23.84 m	38.3718°	127.9982°	0.0000°	0.0000°	2.9037°
23.34 m	37.8598°	124.9750°	0.0000°	0.0000°	2.8420°
22.84 m	37.3101°	121.7659°	0.0000°	0.0000°	2.7764°
22.34 m	36.7241°	118.4047°	0.0000°	0.0000°	2.7075°
21.84 m	36.1032°	114.9203°	0.0000°	0.0000°	2.6359°
21.34 m	35.4487°	111.3379°	0.0000°	0.0000°	2.5619°
20.84 m	34.7621°	107.6789°	0.0000°	0.0000°	2.4861°
20.34 m	34.0443°	103.9617°	0.0000°	0.0000°	2.4087°

20.34 m	34.0443°	103.9617°	0.0000°	0.0000°	2.4087°
19.84 m	33.4315°	100.8815°	0.0000°	0.0000°	2.3442°
19.34 m	32.7967°	97.7853°	0.0000°	0.0000°	2.2791°
18.84 m	32.1410°	94.6826°	0.0000°	0.0000°	2.2135°
18.34 m	31.4656°	91.5815°	0.0000°	0.0000°	2.1476°
17.84 m	30.7713°	88.4887°	0.0000°	0.0000°	2.0815°
17.34 m	30.0592°	85.4100°	0.0000°	0.0000°	2.0153°
16.84 m	29.3303°	82.3504°	0.0000°	0.0000°	1.9492°
16.34 m	28.5853°	79.3139°	0.0000°	0.0000°	1.8832°
15.84 m	27.8253°	76.3040°	0.0000°	0.0000°	1.8174°
15.34 m	27.0509°	73.3236°	0.0000°	0.0000°	1.7519°
15.34 m	27.0509°	73.3236°	0.0000°	0.0000°	1.7519°
14.84 m	26.1910°	70.1065°	0.0000°	0.0000°	1.6807°
14.34 m	25.3179°	66.9295°	0.0000°	0.0000°	1.6100°
13.84 m	24.4324°	63.7942°	0.0000°	0.0000°	1.5398°
13.34 m	23.5355°	60.7018°	0.0000°	0.0000°	1.4702°
12.84 m	22.6279°	57.6532°	0.0000°	0.0000°	1.4012°
12.34 m	21.7103°	54.6492°	0.0000°	0.0000°	1.3327°
11.84 m	20.7834°	51.6901°	0.0000°	0.0000°	1.2649°
11.34 m	19.8479°	48.7763°	0.0000°	0.0000°	1.1977°
10.84 m	18.9044°	45.9079°	0.0000°	0.0000°	1.1312°
10.34 m	17.9535°	43.0847°	0.0000°	0.0000°	1.0653°
10.34 m	17.9535°	43.0847°	0.0000°	0.0000°	1.0653°
9.84 m	17.1191°	40.6649°	0.0000°	0.0000°	1.0085°
9.34 m	16.2802°	38.2873°	0.0000°	0.0000°	0.9524°
8.84 m	15.4372°	35.9513°	0.0000°	0.0000°	0.8969°
8.34 m	14.5906°	33.6565°	0.0000°	0.0000°	0.8421°
7.84 m	13.7409°	31.4022°	0.0000°	0.0000°	0.7879°
7.34 m	12.8883°	29.1878°	0.0000°	0.0000°	0.7344°
6.84 m	12.0333°	27.0128°	0.0000°	0.0000°	0.6815°
6.34 m	11.1764°	24.8763°	0.0000°	0.0000°	0.6292°
5.84 m	10.3179°	22.7778°	0.0000°	0.0000°	0.5776°
5.34 m	9.4584°	20.7164°	0.0000°	0.0000°	0.5267°
5.34 m	9.4584°	20.7164°	0.0000°	0.0000°	0.5267°
4.72 m	8.2956°	17.9849°	0.0000°	0.0000°	0.4587°
4.09 m	7.1352°	15.3186°	0.0000°	0.0000°	0.3919°
3.49 m	5.9381°	12.6230°	0.0000°	0.0000°	0.3240°
3.47 m	5.8871°	12.5095°	0.0000°	0.0000°	0.3211°
2.84 m	4.7345°	9.9677°	0.0000°	0.0000°	0.2566°
2.22 m	3.5868°	7.4856°	0.0000°	0.0000°	0.1933°
1.59 m	2.3611°	4.8835°	0.0000°	0.0000°	0.1264°
1.24 m	1.6709°	3.4385°	0.0000°	0.0000°	0.0892°
0.97 m	1.1289°	2.3138°	0.0000°	0.0000°	0.0601°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

EAST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	52.8038°	184.5557°	0.0000°	0.0000°	4.1427°
30.23 m	52.7947°	184.5557°	0.0000°	0.0000°	4.1425°
29.62 m	52.7536°	184.2240°	0.0000°	0.0000°	4.1360°
29.49 m	52.7385°	184.0642°	0.0000°	0.0000°	4.1330°
29.01 m	52.6618°	183.2072°	0.0000°	0.0000°	4.1167°
28.40 m	52.5044°	181.5357°	0.0000°	0.0000°	4.0848°
27.78 m	52.2711°	179.3333°	0.0000°	0.0000°	4.0423°
27.17 m	51.9558°	176.7171°	0.0000°	0.0000°	3.9911°
26.56 m	51.5548°	173.7811°	0.0000°	0.0000°	3.9329°
25.95 m	51.0666°	170.6007°	0.0000°	0.0000°	3.8688°
25.34 m	50.4913°	167.2376°	0.0000°	0.0000°	3.8001°
25.34 m	50.4913°	167.2376°	0.0000°	0.0000°	3.8001°
24.84 m	50.0017°	164.5619°	0.0000°	0.0000°	3.7448°
24.34 m	49.4603°	161.5925°	0.0000°	0.0000°	3.6836°
23.84 m	48.8685°	158.2672°	0.0000°	0.0000°	3.6152°
23.34 m	48.2277°	154.6452°	0.0000°	0.0000°	3.5408°
22.84 m	47.5395°	150.7775°	0.0000°	0.0000°	3.4613°
22.34 m	46.8055°	146.7075°	0.0000°	0.0000°	3.3774°
21.84 m	46.0274°	142.4728°	0.0000°	0.0000°	3.2899°
21.34 m	45.2068°	138.1056°	0.0000°	0.0000°	3.1994°
20.84 m	44.3453°	133.6336°	0.0000°	0.0000°	3.1063°
20.34 m	43.4443°	129.0808°	0.0000°	0.0000°	3.0111°
20.34 m	43.4443°	129.0808°	0.0000°	0.0000°	3.0111°
19.84 m	42.6746°	125.3011°	0.0000°	0.0000°	2.9317°
19.34 m	41.8769°	121.4958°	0.0000°	0.0000°	2.8514°
18.84 m	41.0523°	117.6772°	0.0000°	0.0000°	2.7704°
18.34 m	40.2023°	113.8557°	0.0000°	0.0000°	2.6888°
17.84 m	39.3280°	110.0404°	0.0000°	0.0000°	2.6070°
17.34 m	38.4307°	106.2386°	0.0000°	0.0000°	2.5250°
16.84 m	37.5115°	102.4571°	0.0000°	0.0000°	2.4429°
16.34 m	36.5716°	98.7011°	0.0000°	0.0000°	2.3610°
15.84 m	35.6119°	94.9753°	0.0000°	0.0000°	2.2792°
15.34 m	34.6334°	91.2837°	0.0000°	0.0000°	2.1977°
15.34 m	34.6334°	91.2837°	0.0000°	0.0000°	2.1977°
14.84 m	33.5461°	87.2963°	0.0000°	0.0000°	2.1091°
14.34 m	32.4414°	83.3564°	0.0000°	0.0000°	2.0211°
13.84 m	31.3204°	79.4662°	0.0000°	0.0000°	1.9336°
13.34 m	30.1841°	75.6274°	0.0000°	0.0000°	1.8468°
12.84 m	29.0334°	71.8413°	0.0000°	0.0000°	1.7606°
12.34 m	27.8694°	68.1090°	0.0000°	0.0000°	1.6751°
11.84 m	26.6927°	64.4311°	0.0000°	0.0000°	1.5904°
11.34 m	25.5044°	60.8082°	0.0000°	0.0000°	1.5064°
10.84 m	24.3051°	57.2404°	0.0000°	0.0000°	1.4232°
10.34 m	23.0955°	53.7279°	0.0000°	0.0000°	1.3408°
10.34 m	23.0955°	53.7279°	0.0000°	0.0000°	1.3408°
9.84 m	22.0334°	50.7163°	0.0000°	0.0000°	1.2697°
9.34 m	20.9649°	47.7563°	0.0000°	0.0000°	1.1994°
8.84 m	19.8905°	44.8474°	0.0000°	0.0000°	1.1299°
8.34 m	18.8108°	41.9890°	0.0000°	0.0000°	1.0612°
7.84 m	17.7262°	39.1805°	0.0000°	0.0000°	0.9932°
7.34 m	16.6373°	36.4210°	0.0000°	0.0000°	0.9260°
6.84 m	15.5446°	33.7100°	0.0000°	0.0000°	0.8597°
6.34 m	14.4485°	31.0464°	0.0000°	0.0000°	0.7940°

5.84 m	13.3495°	28.4297°	0.0000°	0.0000°	0.7292°
5.34 m	12.2478°	25.8589°	0.0000°	0.0000°	0.6651°
5.34 m	12.2478°	25.8589°	0.0000°	0.0000°	0.6651°
4.72 m	10.7548°	22.4516°	0.0000°	0.0000°	0.5796°
4.09 m	9.2619°	19.1248°	0.0000°	0.0000°	0.4954°
3.49 m	7.7181°	15.7609°	0.0000°	0.0000°	0.4098°
3.47 m	7.6523°	15.6192°	0.0000°	0.0000°	0.4062°
2.84 m	6.1618°	12.4467°	0.0000°	0.0000°	0.3248°
2.22 m	4.6738°	9.3480°	0.0000°	0.0000°	0.2447°
1.59 m	3.0804°	6.0990°	0.0000°	0.0000°	0.1602°
1.24 m	2.1814°	4.2945°	0.0000°	0.0000°	0.1130°
0.97 m	1.4747°	2.8899°	0.0000°	0.0000°	0.0762°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH EAST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	73.7648°	261.1260°	0.0000°	0.0000°	5.8449°
30.23 m	73.7520°	261.1260°	0.0000°	0.0000°	5.8447°
29.62 m	73.6941°	260.5997°	0.0000°	0.0000°	5.8345°
29.49 m	73.6729°	260.3464°	0.0000°	0.0000°	5.8297°
29.01 m	73.5651°	258.9891°	0.0000°	0.0000°	5.8042°
28.40 m	73.3436°	256.3417°	0.0000°	0.0000°	5.7541°
27.78 m	73.0154°	252.8530°	0.0000°	0.0000°	5.6875°
27.17 m	72.5719°	248.7086°	0.0000°	0.0000°	5.6074°
26.56 m	72.0081°	244.0574°	0.0000°	0.0000°	5.5164°
25.95 m	71.3216°	239.0189°	0.0000°	0.0000°	5.4165°
25.34 m	70.5128°	233.6907°	0.0000°	0.0000°	5.3094°
25.34 m	70.5128°	233.6907°	0.0000°	0.0000°	5.3094°
24.84 m	69.8248°	229.4773°	0.0000°	0.0000°	5.2238°
24.34 m	69.0641°	224.8950°	0.0000°	0.0000°	5.1306°
23.84 m	68.2326°	219.8779°	0.0000°	0.0000°	5.0285°
23.34 m	67.3324°	214.5017°	0.0000°	0.0000°	4.9189°
22.84 m	66.3658°	208.8310°	0.0000°	0.0000°	4.8031°
22.34 m	65.3350°	202.9212°	0.0000°	0.0000°	4.6820°
21.84 m	64.2425°	196.8198°	0.0000°	0.0000°	4.5564°
21.34 m	63.0904°	190.5675°	0.0000°	0.0000°	4.4272°
20.84 m	61.8812°	184.1994°	0.0000°	0.0000°	4.2949°
20.34 m	60.6166°	177.7455°	0.0000°	0.0000°	4.1602°
20.34 m	60.6166°	177.7455°	0.0000°	0.0000°	4.1602°
19.84 m	59.5366°	172.4083°	0.0000°	0.0000°	4.0482°
19.34 m	58.4172°	167.0533°	0.0000°	0.0000°	3.9352°
18.84 m	57.2605°	161.6954°	0.0000°	0.0000°	3.8215°
18.34 m	56.0682°	156.3476°	0.0000°	0.0000°	3.7074°
17.84 m	54.8421°	151.0208°	0.0000°	0.0000°	3.5930°
17.34 m	53.5838°	145.7242°	0.0000°	0.0000°	3.4786°
16.84 m	52.2950°	140.4656°	0.0000°	0.0000°	3.3643°
16.34 m	50.9773°	135.2515°	0.0000°	0.0000°	3.2503°
15.84 m	49.6321°	130.0875°	0.0000°	0.0000°	3.1367°
15.34 m	48.2607°	124.9780°	0.0000°	0.0000°	3.0236°
15.34 m	48.2607°	124.9780°	0.0000°	0.0000°	3.0236°
14.84 m	46.7371°	119.4664°	0.0000°	0.0000°	2.9008°
14.34 m	45.1892°	114.0270°	0.0000°	0.0000°	2.7788°
13.84 m	43.6187°	108.6622°	0.0000°	0.0000°	2.6578°
13.34 m	42.0269°	103.3738°	0.0000°	0.0000°	2.5377°
12.84 m	40.4153°	98.1630°	0.0000°	0.0000°	2.4186°
12.34 m	38.7851°	93.0307°	0.0000°	0.0000°	2.3006°
11.84 m	37.1375°	87.9776°	0.0000°	0.0000°	2.1837°
11.34 m	35.4737°	83.0038°	0.0000°	0.0000°	2.0678°
10.84 m	33.7948°	78.1094°	0.0000°	0.0000°	1.9531°
10.34 m	32.1016°	73.2941°	0.0000°	0.0000°	1.8395°
10.34 m	32.1016°	73.2941°	0.0000°	0.0000°	1.8395°
9.84 m	30.6152°	69.1681°	0.0000°	0.0000°	1.7415°
9.34 m	29.1199°	65.1154°	0.0000°	0.0000°	1.6447°
8.84 m	27.6166°	61.1350°	0.0000°	0.0000°	1.5490°
8.34 m	26.1060°	57.2258°	0.0000°	0.0000°	1.4544°
7.84 m	24.5888°	53.3868°	0.0000°	0.0000°	1.3609°
7.34 m	23.0658°	49.6167°	0.0000°	0.0000°	1.2685°
6.84 m	21.5376°	45.9145°	0.0000°	0.0000°	1.1773°
6.34 m	20.0050°	42.2788°	0.0000°	0.0000°	1.0871°
5.84 m	18.4691°	38.7085°	0.0000°	0.0000°	0.9979°
5.34 m	16.9308°	35.2023°	0.0000°	0.0000°	0.9099°
5.34 m	16.9308°	35.2023°	0.0000°	0.0000°	0.9099°
4.72 m	14.8489°	30.5573°	0.0000°	0.0000°	0.7925°
4.09 m	12.7713°	26.0242°	0.0000°	0.0000°	0.6771°
3.49 m	10.6275°	21.4424°	0.0000°	0.0000°	0.5597°
3.47 m	10.5363°	21.2494°	0.0000°	0.0000°	0.5548°
2.84 m	8.4724°	16.9302°	0.0000°	0.0000°	0.4434°
2.22 m	6.4177°	12.7131°	0.0000°	0.0000°	0.3339°
1.59 m	4.2239°	8.2930°	0.0000°	0.0000°	0.2185°
1.24 m	2.9889°	5.8388°	0.0000°	0.0000°	0.1541°
0.97 m	2.0192°	3.9288°	0.0000°	0.0000°	0.1038°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	59.6190°	218.0717°	0.0000°	0.0000°	4.8466°
30.23 m	59.6085°	218.0717°	0.0000°	0.0000°	4.8464°
29.62 m	59.5612°	217.6130°	0.0000°	0.0000°	4.8376°
29.49 m	59.5438°	217.3923°	0.0000°	0.0000°	4.8334°
29.01 m	59.4556°	216.2102°	0.0000°	0.0000°	4.8113°
28.40 m	59.2744°	213.9043°	0.0000°	0.0000°	4.7679°
27.78 m	59.0062°	210.8655°	0.0000°	0.0000°	4.7101°
27.17 m	58.6436°	207.2555°	0.0000°	0.0000°	4.6408°
26.56 m	58.1829°	203.2039°	0.0000°	0.0000°	4.5621°
25.95 m	57.6222°	198.8150°	0.0000°	0.0000°	4.4757°
25.34 m	56.9616°	194.1737°	0.0000°	0.0000°	4.3831°
25.34 m	56.9616°	194.1737°	0.0000°	0.0000°	4.3831°
24.84 m	56.3999°	190.5112°	0.0000°	0.0000°	4.3094°
24.34 m	55.7789°	186.5563°	0.0000°	0.0000°	4.2295°

23.84 m	55.1002°	182.2615°	0.0000°	0.0000°	4.1427°
23.34 m	54.3657°	177.6872°	0.0000°	0.0000°	4.0501°
22.84 m	53.5772°	172.8848°	0.0000°	0.0000°	3.9525°
22.34 m	52.7366°	167.8986°	0.0000°	0.0000°	3.8508°
21.84 m	51.8459°	162.7663°	0.0000°	0.0000°	3.7457°
21.34 m	50.9070°	157.5203°	0.0000°	0.0000°	3.6377°
20.84 m	49.9218°	152.1885°	0.0000°	0.0000°	3.5275°
20.34 m	48.8919°	146.7946°	0.0000°	0.0000°	3.4154°
20.34 m	48.8919°	146.7946°	0.0000°	0.0000°	3.4154°
19.84 m	48.0126°	142.3411°	0.0000°	0.0000°	3.3223°
19.34 m	47.1018°	137.8788°	0.0000°	0.0000°	3.2285°
18.84 m	46.1609°	133.4195°	0.0000°	0.0000°	3.1343°
18.34 m	45.1915°	128.9734°	0.0000°	0.0000°	3.0397°
17.84 m	44.1951°	124.5489°	0.0000°	0.0000°	2.9451°
17.34 m	43.1730°	120.1534°	0.0000°	0.0000°	2.8506°
16.84 m	42.1267°	115.7928°	0.0000°	0.0000°	2.7562°
16.34 m	41.0574°	111.4722°	0.0000°	0.0000°	2.6621°
15.84 m	39.9663°	107.1957°	0.0000°	0.0000°	2.5685°
15.34 m	38.8544°	102.9670°	0.0000°	0.0000°	2.4753°
15.34 m	38.8544°	102.9670°	0.0000°	0.0000°	2.4753°
14.84 m	37.6197°	98.4079°	0.0000°	0.0000°	2.3741°
14.34 m	36.3659°	93.9109°	0.0000°	0.0000°	2.2738°
13.84 m	35.0944°	89.4775°	0.0000°	0.0000°	2.1742°
13.34 m	33.8063°	85.1092°	0.0000°	0.0000°	2.0755°
12.84 m	32.5026°	80.8067°	0.0000°	0.0000°	1.9776°
12.34 m	31.1846°	76.5706°	0.0000°	0.0000°	1.8807°
11.84 m	29.8530°	72.4013°	0.0000°	0.0000°	1.7847°
11.34 m	28.5089°	68.2988°	0.0000°	0.0000°	1.6896°
10.84 m	27.1533°	64.2631°	0.0000°	0.0000°	1.5955°
10.34 m	25.7867°	60.2937°	0.0000°	0.0000°	1.5024°
10.34 m	25.7867°	60.2937°	0.0000°	0.0000°	1.5024°
9.84 m	24.5875°	56.8934°	0.0000°	0.0000°	1.4221°
9.34 m	23.3816°	53.5544°	0.0000°	0.0000°	1.3428°
8.84 m	22.1698°	50.2758°	0.0000°	0.0000°	1.2644°
8.34 m	20.9525°	47.0566°	0.0000°	0.0000°	1.1870°
7.84 m	19.7306°	43.8958°	0.0000°	0.0000°	1.1105°
7.34 m	18.5044°	40.7925°	0.0000°	0.0000°	1.0349°
6.84 m	17.2745°	37.7456°	0.0000°	0.0000°	0.9603°
6.34 m	16.0416°	34.7541°	0.0000°	0.0000°	0.8866°
5.84 m	14.8066°	31.8169°	0.0000°	0.0000°	0.8137°
5.34 m	13.5702°	28.9329°	0.0000°	0.0000°	0.7418°
5.34 m	13.5702°	28.9329°	0.0000°	0.0000°	0.7418°
4.72 m	11.8980°	25.1128°	0.0000°	0.0000°	0.6460°
4.09 m	10.2301°	21.3855°	0.0000°	0.0000°	0.5518°
3.49 m	8.5104°	17.6190°	0.0000°	0.0000°	0.4560°
3.47 m	8.4372°	17.4603°	0.0000°	0.0000°	0.4520°
2.84 m	6.7825°	13.9101°	0.0000°	0.0000°	0.3612°
2.22 m	5.1363°	10.4445°	0.0000°	0.0000°	0.2719°
1.59 m	3.3796°	6.8126°	0.0000°	0.0000°	0.1779°
1.24 m	2.3910°	4.7964°	0.0000°	0.0000°	0.1254°
0.97 m	1.6151°	3.2272°	0.0000°	0.0000°	0.0845°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH WEST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	46.1926°	168.6013°	0.0000°	0.0000°	3.7489°
30.23 m	46.1844°	168.6013°	0.0000°	0.0000°	3.7487°
29.62 m	46.1470°	168.2786°	0.0000°	0.0000°	3.7424°
29.49 m	46.1333°	168.1233°	0.0000°	0.0000°	3.7395°
29.01 m	46.0637°	167.2906°	0.0000°	0.0000°	3.7237°
28.40 m	45.9210°	165.6665°	0.0000°	0.0000°	3.6929°
27.78 m	45.7096°	163.5264°	0.0000°	0.0000°	3.6519°
27.17 m	45.4241°	160.9841°	0.0000°	0.0000°	3.6025°
26.56 m	45.0615°	158.1310°	0.0000°	0.0000°	3.5464°
25.95 m	44.6205°	155.0403°	0.0000°	0.0000°	3.4847°
25.34 m	44.1014°	151.7720°	0.0000°	0.0000°	3.4186°
25.34 m	44.1014°	151.7720°	0.0000°	0.0000°	3.4186°
24.84 m	43.6601°	149.1806°	0.0000°	0.0000°	3.3657°
24.34 m	43.1727°	146.3369°	0.0000°	0.0000°	3.3076°
23.84 m	42.6403°	143.1917°	0.0000°	0.0000°	3.2434°
23.34 m	42.0645°	139.7964°	0.0000°	0.0000°	3.1741°
22.84 m	41.4466°	136.1949°	0.0000°	0.0000°	3.1004°
22.34 m	40.7884°	132.4248°	0.0000°	0.0000°	3.0231°
21.84 m	40.0913°	128.5185°	0.0000°	0.0000°	2.9428°
21.34 m	39.3569°	124.5037°	0.0000°	0.0000°	2.8599°
20.84 m	38.5867°	120.4043°	0.0000°	0.0000°	2.7749°
20.34 m	37.7820°	116.2410°	0.0000°	0.0000°	2.6882°
20.34 m	37.7820°	116.2410°	0.0000°	0.0000°	2.6882°
19.84 m	37.0953°	112.7917°	0.0000°	0.0000°	2.6160°
19.34 m	36.3844°	109.3254°	0.0000°	0.0000°	2.5431°
18.84 m	35.6503°	105.8524°	0.0000°	0.0000°	2.4697°
18.34 m	34.8944°	102.3817°	0.0000°	0.0000°	2.3959°
17.84 m	34.1178°	98.9208°	0.0000°	0.0000°	2.3220°
17.34 m	33.3216°	95.4761°	0.0000°	0.0000°	2.2479°
16.84 m	32.5069°	92.0530°	0.0000°	0.0000°	2.1740°
16.34 m	31.6747°	88.6563°	0.0000°	0.0000°	2.1002°
15.84 m	30.8261°	85.2896°	0.0000°	0.0000°	2.0266°
15.34 m	29.9618°	81.9562°	0.0000°	0.0000°	1.9533°
15.34 m	29.9618°	81.9562°	0.0000°	0.0000°	1.9533°
14.84 m	29.0025°	78.3583°	0.0000°	0.0000°	1.8738°
14.34 m	28.0290°	74.8055°	0.0000°	0.0000°	1.7948°
13.84 m	27.0422°	71.2995°	0.0000°	0.0000°	1.7164°
13.34 m	26.0432°	67.8418°	0.0000°	0.0000°	1.6386°
12.84 m	25.0328°	64.4333°	0.0000°	0.0000°	1.5615°
12.34 m	24.0118°	61.0747°	0.0000°	0.0000°	1.4850°
11.84 m	22.9810°	57.7666°	0.0000°	0.0000°	1.4093°
11.34 m	21.9412°	54.5092°	0.0000°	0.0000°	1.3343°
10.84 m	20.8931°	51.3027°	0.0000°	0.0000°	1.2601°
10.34 m	19.8373°	48.1469°	0.0000°	0.0000°	1.1865°
10.34 m	19.8373°	48.1469°	0.0000°	0.0000°	1.1865°

9.84 m	18.9114°	45.4421°	0.0000°	0.0000°	1.1232°
9.34 m	17.9810°	42.7846°	0.0000°	0.0000°	1.0606°
8.84 m	17.0466°	40.1737°	0.0000°	0.0000°	0.9987°
8.34 m	16.1086°	37.6088°	0.0000°	0.0000°	0.9375°
7.84 m	15.1676°	35.0894°	0.0000°	0.0000°	0.8771°
7.34 m	14.2238°	32.6146°	0.0000°	0.0000°	0.8175°
6.84 m	13.2777°	30.1839°	0.0000°	0.0000°	0.7585°
6.34 m	12.3296°	27.7963°	0.0000°	0.0000°	0.7003°
5.84 m	11.3803°	25.4512°	0.0000°	0.0000°	0.6428°
5.34 m	10.4300°	23.1477°	0.0000°	0.0000°	0.5860°
5.34 m	10.4300°	23.1477°	0.0000°	0.0000°	0.5860°
4.72 m	9.1451°	20.0954°	0.0000°	0.0000°	0.5103°
4.09 m	7.8636°	17.1159°	0.0000°	0.0000°	0.4360°
3.49 m	6.5422°	14.1039°	0.0000°	0.0000°	0.3603°
3.47 m	6.4860°	13.9770°	0.0000°	0.0000°	0.3571°
2.84 m	5.2145°	11.1370°	0.0000°	0.0000°	0.2854°
2.22 m	3.9494°	8.3636°	0.0000°	0.0000°	0.2149°
1.59 m	2.5990°	5.4562°	0.0000°	0.0000°	0.1406°
1.24 m	1.8389°	3.8418°	0.0000°	0.0000°	0.0991°
0.97 m	1.2423°	2.5851°	0.0000°	0.0000°	0.0668°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

WEST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	41.6679°	152.5027°	0.0000°	0.0000°	3.3889°
30.23 m	41.6603°	152.5027°	0.0000°	0.0000°	3.3888°
29.62 m	41.6259°	152.2238°	0.0000°	0.0000°	3.3833°
29.49 m	41.6133°	152.0894°	0.0000°	0.0000°	3.3808°
29.01 m	41.5493°	151.3691°	0.0000°	0.0000°	3.3671°
28.40 m	41.4180°	149.9641°	0.0000°	0.0000°	3.3402°
27.78 m	41.2237°	148.1128°	0.0000°	0.0000°	3.3045°
27.17 m	40.9614°	145.9136°	0.0000°	0.0000°	3.2616°
26.56 m	40.6285°	143.4456°	0.0000°	0.0000°	3.2127°
25.95 m	40.2237°	140.7721°	0.0000°	0.0000°	3.1590°
25.34 m	39.7476°	137.9451°	0.0000°	0.0000°	3.1013°
25.34 m	39.7476°	137.9451°	0.0000°	0.0000°	3.1013°
24.84 m	39.3431°	135.6980°	0.0000°	0.0000°	3.0550°
24.34 m	38.8964°	133.2122°	0.0000°	0.0000°	3.0039°
23.84 m	38.4088°	130.4381°	0.0000°	0.0000°	2.9469°
23.34 m	37.8817°	127.4240°	0.0000°	0.0000°	2.8851°
22.84 m	37.3164°	124.2113°	0.0000°	0.0000°	2.8192°
22.34 m	36.7144°	120.8355°	0.0000°	0.0000°	2.7498°
21.84 m	36.0773°	117.3270°	0.0000°	0.0000°	2.6774°
21.34 m	35.4063°	113.7121°	0.0000°	0.0000°	2.6026°
20.84 m	34.7031°	110.0135°	0.0000°	0.0000°	2.5258°
20.34 m	33.9687°	106.2504°	0.0000°	0.0000°	2.4473°
20.34 m	33.9687°	106.2504°	0.0000°	0.0000°	2.4473°
19.84 m	33.3425°	103.1281°	0.0000°	0.0000°	2.3819°
19.34 m	32.6944°	99.9861°	0.0000°	0.0000°	2.3157°
18.84 m	32.0256°	96.8346°	0.0000°	0.0000°	2.2490°
18.34 m	31.3372°	93.6818°	0.0000°	0.0000°	2.1820°
17.84 m	30.6305°	90.5351°	0.0000°	0.0000°	2.1147°
17.34 m	29.9063°	87.4007°	0.0000°	0.0000°	2.0474°
16.84 m	29.1658°	84.2837°	0.0000°	0.0000°	1.9801°
16.34 m	28.4098°	81.1885°	0.0000°	0.0000°	1.9129°
15.84 m	27.6393°	78.1189°	0.0000°	0.0000°	1.8458°
15.34 m	26.8550°	75.0780°	0.0000°	0.0000°	1.7791°
15.34 m	26.8550°	75.0780°	0.0000°	0.0000°	1.7791°
14.84 m	25.9852°	71.7941°	0.0000°	0.0000°	1.7066°
14.34 m	25.1030°	68.5500°	0.0000°	0.0000°	1.6346°
13.84 m	24.2094°	65.3472°	0.0000°	0.0000°	1.5631°
13.34 m	23.3052°	62.1871°	0.0000°	0.0000°	1.4921°
12.84 m	22.3914°	59.0709°	0.0000°	0.0000°	1.4218°
12.34 m	21.4686°	55.9994°	0.0000°	0.0000°	1.3521°
11.84 m	20.5376°	52.9730°	0.0000°	0.0000°	1.2830°
11.34 m	19.5991°	49.9921°	0.0000°	0.0000°	1.2146°
10.84 m	18.6537°	47.0570°	0.0000°	0.0000°	1.1469°
10.34 m	17.7021°	44.1675°	0.0000°	0.0000°	1.0798°
10.34 m	17.7021°	44.1675°	0.0000°	0.0000°	1.0798°
9.84 m	16.8681°	41.6903°	0.0000°	0.0000°	1.0220°
9.34 m	16.0307°	39.2558°	0.0000°	0.0000°	0.9649°
8.84 m	15.1904°	36.8636°	0.0000°	0.0000°	0.9085°
8.34 m	14.3478°	34.5130°	0.0000°	0.0000°	0.8528°
7.84 m	13.5032°	32.2036°	0.0000°	0.0000°	0.7977°
7.34 m	12.6571°	29.9347°	0.0000°	0.0000°	0.7434°
6.84 m	11.8101°	27.7057°	0.0000°	0.0000°	0.6897°
6.34 m	10.9624°	25.5160°	0.0000°	0.0000°	0.6367°
5.84 m	10.1145°	23.3648°	0.0000°	0.0000°	0.5843°
5.34 m	9.2669°	21.2515°	0.0000°	0.0000°	0.5326°
5.34 m	9.2669°	21.2515°	0.0000°	0.0000°	0.5326°
4.72 m	8.1219°	18.4508°	0.0000°	0.0000°	0.4638°
4.09 m	6.9813°	15.7164°	0.0000°	0.0000°	0.3961°
3.49 m	5.8062°	12.9517°	0.0000°	0.0000°	0.3274°
3.47 m	5.7563°	12.8352°	0.0000°	0.0000°	0.3245°
2.84 m	4.6265°	10.2279°	0.0000°	0.0000°	0.2593°
2.22 m	3.5031°	7.6815°	0.0000°	0.0000°	0.1952°
1.59 m	2.3048°	5.0115°	0.0000°	0.0000°	0.1277°
1.24 m	1.6306°	3.5288°	0.0000°	0.0000°	0.0900°
0.97 m	1.1014°	2.3746°	0.0000°	0.0000°	0.0607°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

NORTH WEST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	46.4222°	172.2723°	0.0000°	0.0000°	3.8169°
30.23 m	46.4138°	172.2723°	0.0000°	0.0000°	3.8168°
29.62 m	46.3757°	171.9209°	0.0000°	0.0000°	3.8100°
29.49 m	46.3617°	171.7519°	0.0000°	0.0000°	3.8068°
29.01 m	46.2907°	170.8461°	0.0000°	0.0000°	3.7898°
28.40 m	46.1450°	169.0794°	0.0000°	0.0000°	3.7564°
27.78 m	45.9294°	166.7511°	0.0000°	0.0000°	3.7120°

27.17 m	45.6384°	163.9852°	0.0000°	0.0000°	3.6586°
26.56 m	45.2689°	160.8811°	0.0000°	0.0000°	3.5980°
25.95 m	44.8198°	157.5185°	0.0000°	0.0000°	3.5315°
25.34 m	44.2912°	153.9625°	0.0000°	0.0000°	3.4602°
25.34 m	44.2912°	153.9625°	0.0000°	0.0000°	3.4602°
24.84 m	43.8422°	151.1523°	0.0000°	0.0000°	3.4033°
24.34 m	43.3463°	148.1019°	0.0000°	0.0000°	3.3414°
23.84 m	42.8049°	144.7697°	0.0000°	0.0000°	3.2738°
23.34 m	42.2195°	141.2049°	0.0000°	0.0000°	3.2014°
22.84 m	41.5917°	137.4496°	0.0000°	0.0000°	3.1249°
22.34 m	40.9231°	133.5400°	0.0000°	0.0000°	3.0450°
21.84 m	40.2152°	129.5069°	0.0000°	0.0000°	2.9622°
21.34 m	39.4697°	125.3769°	0.0000°	0.0000°	2.8771°
20.84 m	38.6883°	121.1728°	0.0000°	0.0000°	2.7901°
20.34 m	37.8721°	116.9142°	0.0000°	0.0000°	2.7015°
20.34 m	37.8721°	116.9142°	0.0000°	0.0000°	2.7015°
19.84 m	37.1760°	113.3939°	0.0000°	0.0000°	2.6279°
19.34 m	36.4555°	109.8632°	0.0000°	0.0000°	2.5537°
18.84 m	35.7119°	106.3317°	0.0000°	0.0000°	2.4791°
18.34 m	34.9464°	102.8079°	0.0000°	0.0000°	2.4043°
17.84 m	34.1603°	99.2988°	0.0000°	0.0000°	2.3293°
17.34 m	33.3547°	95.8104°	0.0000°	0.0000°	2.2544°
16.84 m	32.5307°	92.3478°	0.0000°	0.0000°	2.1795°
16.34 m	31.6895°	88.9151°	0.0000°	0.0000°	2.1049°
15.84 m	30.8319°	85.5160°	0.0000°	0.0000°	2.0307°
15.34 m	29.9589°	82.1532°	0.0000°	0.0000°	1.9567°
15.34 m	29.9589°	82.1532°	0.0000°	0.0000°	1.9567°
14.84 m	28.9904°	78.5264°	0.0000°	0.0000°	1.8765°
14.34 m	28.0079°	74.9476°	0.0000°	0.0000°	1.7969°
13.84 m	27.0126°	71.4183°	0.0000°	0.0000°	1.7179°
13.34 m	26.0054°	67.9396°	0.0000°	0.0000°	1.6396°
12.84 m	24.9871°	64.5124°	0.0000°	0.0000°	1.5621°
12.34 m	23.9587°	61.1372°	0.0000°	0.0000°	1.4852°
11.84 m	22.9210°	57.8143°	0.0000°	0.0000°	1.4091°
11.34 m	21.8747°	54.5438°	0.0000°	0.0000°	1.3338°
10.84 m	20.8206°	51.3258°	0.0000°	0.0000°	1.2592°
10.34 m	19.7593°	48.1601°	0.0000°	0.0000°	1.1854°
10.34 m	19.7593°	48.1601°	0.0000°	0.0000°	1.1854°
9.84 m	18.8290°	45.4477°	0.0000°	0.0000°	1.1218°
9.34 m	17.8947°	42.7837°	0.0000°	0.0000°	1.0590°
8.84 m	16.9570°	40.1674°	0.0000°	0.0000°	0.9970°
8.34 m	16.0165°	37.5980°	0.0000°	0.0000°	0.9357°
7.84 m	15.0737°	35.0749°	0.0000°	0.0000°	0.8753°
7.34 m	14.1292°	32.5973°	0.0000°	0.0000°	0.8155°
6.84 m	13.1835°	30.1644°	0.0000°	0.0000°	0.7566°
6.34 m	12.2369°	27.7753°	0.0000°	0.0000°	0.6983°
5.84 m	11.2901°	25.4293°	0.0000°	0.0000°	0.6409°
5.34 m	10.3435°	23.1255°	0.0000°	0.0000°	0.5841°
5.34 m	10.3435°	23.1255°	0.0000°	0.0000°	0.5841°
4.72 m	9.0649°	20.0736°	0.0000°	0.0000°	0.5086°
4.09 m	7.7912°	17.0953°	0.0000°	0.0000°	0.4344°
3.49 m	6.4793°	14.0853°	0.0000°	0.0000°	0.3589°
3.47 m	6.4235°	13.9585°	0.0000°	0.0000°	0.3557°
2.84 m	5.1622°	11.1210°	0.0000°	0.0000°	0.2842°
2.22 m	3.9084°	8.3507°	0.0000°	0.0000°	0.2140°
1.59 m	2.5711°	5.4472°	0.0000°	0.0000°	0.1399°
1.24 m	1.8189°	3.8352°	0.0000°	0.0000°	0.0987°
0.97 m	1.2285°	2.5806°	0.0000°	0.0000°	0.0665°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	43.8457°	163.7077°	0.0000°	0.0000°	3.6225°
30.23 m	43.8381°	163.7077°	0.0000°	0.0000°	3.6224°
29.62 m	43.8030°	163.3594°	0.0000°	0.0000°	3.6157°
29.49 m	43.7902°	163.1923°	0.0000°	0.0000°	3.6125°
29.01 m	43.7253°	162.2982°	0.0000°	0.0000°	3.5958°
28.40 m	43.5920°	160.5538°	0.0000°	0.0000°	3.5630°
27.78 m	43.3944°	158.2544°	0.0000°	0.0000°	3.5194°
27.17 m	43.1273°	155.5223°	0.0000°	0.0000°	3.4671°
26.56 m	42.7878°	152.4558°	0.0000°	0.0000°	3.4076°
25.95 m	42.3746°	149.1336°	0.0000°	0.0000°	3.3424°
25.34 m	41.8878°	145.6200°	0.0000°	0.0000°	3.2726°
25.34 m	41.8878°	145.6200°	0.0000°	0.0000°	3.2726°
24.84 m	41.4739°	142.8489°	0.0000°	0.0000°	3.2170°
24.34 m	41.0166°	139.8613°	0.0000°	0.0000°	3.1569°
23.84 m	40.5170°	136.6225°	0.0000°	0.0000°	3.0917°
23.34 m	39.9765°	133.1772°	0.0000°	0.0000°	3.0221°
22.84 m	39.3964°	129.5637°	0.0000°	0.0000°	2.9489°
22.34 m	38.7782°	125.8148°	0.0000°	0.0000°	2.8727°
21.84 m	38.1232°	121.9584°	0.0000°	0.0000°	2.7940°
21.34 m	37.4329°	118.0185°	0.0000°	0.0000°	2.7131°
20.84 m	36.7087°	114.0159°	0.0000°	0.0000°	2.6306°
20.34 m	35.9517°	109.9682°	0.0000°	0.0000°	2.5468°
20.34 m	35.9517°	109.9682°	0.0000°	0.0000°	2.5468°
19.84 m	35.3056°	106.6271°	0.0000°	0.0000°	2.4772°
19.34 m	34.6363°	103.2802°	0.0000°	0.0000°	2.4071°
18.84 m	33.9451°	99.9364°	0.0000°	0.0000°	2.3367°
18.34 m	33.2330°	96.6030°	0.0000°	0.0000°	2.2661°
17.84 m	32.5011°	93.2865°	0.0000°	0.0000°	2.1954°
17.34 m	31.7504°	89.9920°	0.0000°	0.0000°	2.1248°
16.84 m	30.9819°	86.7242°	0.0000°	0.0000°	2.0544°
16.34 m	30.1965°	83.4867°	0.0000°	0.0000°	1.9841°
15.84 m	29.3951°	80.2826°	0.0000°	0.0000°	1.9142°
15.34 m	28.5784°	77.1145°	0.0000°	0.0000°	1.8447°
15.34 m	28.5784°	77.1145°	0.0000°	0.0000°	1.8447°
14.84 m	27.6716°	73.6992°	0.0000°	0.0000°	1.7693°
14.34 m	26.7507°	70.3305°	0.0000°	0.0000°	1.6944°

13.84 m	25.8168°	67.0098°	0.0000°	0.0000°	1.6201°
13.34 m	24.8706°	63.7378°	0.0000°	0.0000°	1.5465°
12.84 m	23.9129°	60.5154°	0.0000°	0.0000°	1.4736°
12.34 m	22.9446°	57.3428°	0.0000°	0.0000°	1.4013°
11.84 m	21.9663°	54.2203°	0.0000°	0.0000°	1.3297°
11.34 m	20.9787°	51.1479°	0.0000°	0.0000°	1.2588°
10.84 m	19.9825°	48.1255°	0.0000°	0.0000°	1.1887°
10.34 m	18.9782°	45.1529°	0.0000°	0.0000°	1.1193°
10.34 m	18.9782°	45.1529°	0.0000°	0.0000°	1.1193°
9.84 m	18.0968°	42.6066°	0.0000°	0.0000°	1.0595°
9.34 m	17.2104°	40.1061°	0.0000°	0.0000°	1.0004°
8.84 m	16.3197°	37.6509°	0.0000°	0.0000°	0.9420°
8.34 m	15.4249°	35.2402°	0.0000°	0.0000°	0.8843°
7.84 m	14.5265°	32.8732°	0.0000°	0.0000°	0.8273°
7.34 m	13.6250°	30.5493°	0.0000°	0.0000°	0.7710°
6.84 m	12.7207°	28.2676°	0.0000°	0.0000°	0.7154°
6.34 m	11.8142°	26.0274°	0.0000°	0.0000°	0.6605°
5.84 m	10.9060°	23.8278°	0.0000°	0.0000°	0.6062°
5.34 m	9.9967°	21.6681°	0.0000°	0.0000°	0.5527°
5.34 m	9.9967°	21.6681°	0.0000°	0.0000°	0.5527°
4.72 m	8.7666°	18.8074°	0.0000°	0.0000°	0.4813°
4.09 m	7.5395°	16.0161°	0.0000°	0.0000°	0.4111°
3.49 m	6.2736°	13.1954°	0.0000°	0.0000°	0.3398°
3.47 m	6.2197°	13.0765°	0.0000°	0.0000°	0.3368°
2.84 m	5.0013°	10.4178°	0.0000°	0.0000°	0.2691°
2.22 m	3.7886°	7.8224°	0.0000°	0.0000°	0.2026°
1.59 m	2.4937°	5.1023°	0.0000°	0.0000°	0.1326°
1.24 m	1.7646°	3.5923°	0.0000°	0.0000°	0.0935°
0.97 m	1.1922°	2.4171°	0.0000°	0.0000°	0.0630°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

NORTH EAST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	40.8980°	150.0044°	0.0000°	0.0000°	3.3319°
30.23 m	40.8910°	150.0044°	0.0000°	0.0000°	3.3318°
29.62 m	40.8585°	149.7187°	0.0000°	0.0000°	3.3262°
29.49 m	40.8466°	149.5814°	0.0000°	0.0000°	3.3236°
29.01 m	40.7866°	148.8470°	0.0000°	0.0000°	3.3097°
28.40 m	40.6632°	147.4142°	0.0000°	0.0000°	3.2826°
27.78 m	40.4802°	145.5257°	0.0000°	0.0000°	3.2464°
27.17 m	40.2328°	143.2819°	0.0000°	0.0000°	3.2029°
26.56 m	39.9180°	140.7635°	0.0000°	0.0000°	3.1535°
25.95 m	39.5348°	138.0352°	0.0000°	0.0000°	3.0992°
25.34 m	39.0832°	135.1498°	0.0000°	0.0000°	3.0409°
25.34 m	39.0832°	135.1498°	0.0000°	0.0000°	3.0409°
24.84 m	38.6989°	132.8613°	0.0000°	0.0000°	2.9943°
24.34 m	38.2742°	130.3471°	0.0000°	0.0000°	2.9430°
23.84 m	37.8101°	127.5624°	0.0000°	0.0000°	2.8863°
23.34 m	37.3078°	124.5530°	0.0000°	0.0000°	2.8250°
22.84 m	36.7685°	121.3583°	0.0000°	0.0000°	2.7598°
22.34 m	36.1935°	118.0118°	0.0000°	0.0000°	2.6914°
21.84 m	35.5841°	114.5426°	0.0000°	0.0000°	2.6202°
21.34 m	34.9417°	110.9755°	0.0000°	0.0000°	2.5467°
20.84 m	34.2675°	107.3318°	0.0000°	0.0000°	2.4714°
20.34 m	33.5626°	103.6301°	0.0000°	0.0000°	2.3945°
20.34 m	33.5626°	103.6301°	0.0000°	0.0000°	2.3945°
19.84 m	32.9609°	100.5624°	0.0000°	0.0000°	2.3304°
19.34 m	32.3375°	97.4787°	0.0000°	0.0000°	2.2657°
18.84 m	31.6936°	94.3883°	0.0000°	0.0000°	2.2005°
18.34 m	31.0301°	91.2993°	0.0000°	0.0000°	2.1351°
17.84 m	30.3480°	88.2185°	0.0000°	0.0000°	2.0694°
17.34 m	29.6484°	85.1515°	0.0000°	0.0000°	2.0036°
16.84 m	28.9321°	82.1033°	0.0000°	0.0000°	1.9379°
16.34 m	28.2000°	79.0781°	0.0000°	0.0000°	1.8724°
15.84 m	27.4529°	76.0792°	0.0000°	0.0000°	1.8070°
15.34 m	26.6915°	73.1095°	0.0000°	0.0000°	1.7419°
15.34 m	26.6915°	73.1095°	0.0000°	0.0000°	1.7419°
14.84 m	25.8459°	69.9038°	0.0000°	0.0000°	1.6711°
14.34 m	24.9873°	66.7379°	0.0000°	0.0000°	1.6009°
13.84 m	24.1164°	63.6134°	0.0000°	0.0000°	1.5312°
13.34 m	23.2340°	60.5315°	0.0000°	0.0000°	1.4620°
12.84 m	22.3409°	57.4932°	0.0000°	0.0000°	1.3934°
12.34 m	21.4377°	54.4990°	0.0000°	0.0000°	1.3253°
11.84 m	20.5253°	51.5496°	0.0000°	0.0000°	1.2579°
11.34 m	19.6041°	48.6451°	0.0000°	0.0000°	1.1912°
10.84 m	18.6748°	45.7857°	0.0000°	0.0000°	1.1250°
10.34 m	17.7379°	42.9713°	0.0000°	0.0000°	1.0596°
10.34 m	17.7379°	42.9713°	0.0000°	0.0000°	1.0596°
9.84 m	16.9156°	40.5589°	0.0000°	0.0000°	1.0031°
9.34 m	16.0888°	38.1884°	0.0000°	0.0000°	0.9473°
8.84 m	15.2577°	35.8593°	0.0000°	0.0000°	0.8922°
8.34 m	14.4228°	33.5711°	0.0000°	0.0000°	0.8377°
7.84 m	13.5846°	31.3233°	0.0000°	0.0000°	0.7838°
7.34 m	12.7433°	29.1152°	0.0000°	0.0000°	0.7306°
6.84 m	11.8995°	26.9461°	0.0000°	0.0000°	0.6780°
6.34 m	11.0535°	24.8155°	0.0000°	0.0000°	0.6260°
5.84 m	10.2058°	22.7226°	0.0000°	0.0000°	0.5747°
5.34 m	9.3569°	20.6667°	0.0000°	0.0000°	0.5240°
5.34 m	9.3569°	20.6667°	0.0000°	0.0000°	0.5240°
4.72 m	8.2080°	17.9423°	0.0000°	0.0000°	0.4564°
4.09 m	7.0612°	15.2827°	0.0000°	0.0000°	0.3900°
3.49 m	5.8775°	12.5938°	0.0000°	0.0000°	0.3224°
3.47 m	5.8271°	12.4805°	0.0000°	0.0000°	0.3195°
2.84 m	4.6870°	9.9449°	0.0000°	0.0000°	0.2554°
2.22 m	3.5515°	7.4687°	0.0000°	0.0000°	0.1923°
1.59 m	2.3383°	4.8725°	0.0000°	0.0000°	0.1259°
1.24 m	1.6550°	3.4309°	0.0000°	0.0000°	0.0888°
0.97 m	1.1183°	2.3087°	0.0000°	0.0000°	0.0598°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

EAST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	52.0242°	183.8784°	0.0000°	0.0000°	4.1173°
30.23 m	52.0155°	183.8784°	0.0000°	0.0000°	4.1171°
29.62 m	51.9750°	183.5472°	0.0000°	0.0000°	4.1106°
29.49 m	51.9602°	183.3880°	0.0000°	0.0000°	4.1076°
29.01 m	51.8854°	182.5361°	0.0000°	0.0000°	4.0914°
28.40 m	51.7315°	180.8742°	0.0000°	0.0000°	4.0597°
27.78 m	51.5033°	178.6838°	0.0000°	0.0000°	4.0175°
27.17 m	51.1945°	176.0814°	0.0000°	0.0000°	3.9667°
26.56 m	50.8015°	173.1605°	0.0000°	0.0000°	3.9089°
25.95 m	50.3229°	169.9963°	0.0000°	0.0000°	3.8453°
25.34 m	49.7584°	166.6499°	0.0000°	0.0000°	3.7770°
25.34 m	49.7584°	166.6499°	0.0000°	0.0000°	3.7770°
24.84 m	49.2781°	163.9875°	0.0000°	0.0000°	3.7222°
24.34 m	48.7469°	161.0330°	0.0000°	0.0000°	3.6614°
23.84 m	48.1662°	157.7239°	0.0000°	0.0000°	3.5935°
23.34 m	47.5374°	154.1190°	0.0000°	0.0000°	3.5196°
22.84 m	46.8621°	150.2691°	0.0000°	0.0000°	3.4406°
22.34 m	46.1417°	146.2176°	0.0000°	0.0000°	3.3573°
21.84 m	45.3779°	142.0016°	0.0000°	0.0000°	3.2704°
21.34 m	44.5723°	137.6534°	0.0000°	0.0000°	3.1804°
20.84 m	43.7264°	133.2006°	0.0000°	0.0000°	3.0880°
20.34 m	42.8415°	128.6670°	0.0000°	0.0000°	2.9934°
20.34 m	42.8415°	128.6670°	0.0000°	0.0000°	2.9934°
19.84 m	42.0856°	124.9029°	0.0000°	0.0000°	2.9145°
19.34 m	41.3021°	121.1131°	0.0000°	0.0000°	2.8347°
18.84 m	40.4921°	117.3098°	0.0000°	0.0000°	2.7542°
18.34 m	39.6570°	113.5035°	0.0000°	0.0000°	2.6732°
17.84 m	38.7980°	109.7029°	0.0000°	0.0000°	2.5918°
17.34 m	37.9162°	105.9158°	0.0000°	0.0000°	2.5103°
16.84 m	37.0128°	102.1486°	0.0000°	0.0000°	2.4288°
16.34 m	36.0888°	98.4066°	0.0000°	0.0000°	2.3474°
15.84 m	35.1453°	94.6946°	0.0000°	0.0000°	2.2661°
15.34 m	34.1831°	91.0163°	0.0000°	0.0000°	2.1851°
15.34 m	34.1831°	91.0163°	0.0000°	0.0000°	2.1851°
14.84 m	33.1138°	87.0431°	0.0000°	0.0000°	2.0971°
14.34 m	32.0272°	83.1171°	0.0000°	0.0000°	2.0096°
13.84 m	30.9243°	79.2404°	0.0000°	0.0000°	1.9227°
13.34 m	29.8062°	75.4147°	0.0000°	0.0000°	1.8365°
12.84 m	28.6737°	71.6413°	0.0000°	0.0000°	1.7508°
12.34 m	27.5277°	67.9214°	0.0000°	0.0000°	1.6659°
11.84 m	26.3691°	64.2555°	0.0000°	0.0000°	1.5817°
11.34 m	25.1987°	60.6442°	0.0000°	0.0000°	1.4982°
10.84 m	24.0171°	57.0877°	0.0000°	0.0000°	1.4155°
10.34 m	22.8252°	53.5861°	0.0000°	0.0000°	1.3336°
10.34 m	22.8252°	53.5861°	0.0000°	0.0000°	1.3336°
9.84 m	21.7783°	50.5837°	0.0000°	0.0000°	1.2630°
9.34 m	20.7248°	47.6327°	0.0000°	0.0000°	1.1931°
8.84 m	19.6653°	44.7324°	0.0000°	0.0000°	1.1240°
8.34 m	18.6002°	41.8823°	0.0000°	0.0000°	1.0556°
7.84 m	17.5301°	39.0819°	0.0000°	0.0000°	0.9881°
7.34 m	16.4555°	36.3302°	0.0000°	0.0000°	0.9213°
6.84 m	15.3767°	33.6267°	0.0000°	0.0000°	0.8553°
6.34 m	14.2944°	30.9704°	0.0000°	0.0000°	0.7900°
5.84 m	13.2088°	28.3607°	0.0000°	0.0000°	0.7255°
5.34 m	12.1203°	25.7967°	0.0000°	0.0000°	0.6618°
5.34 m	12.1203°	25.7967°	0.0000°	0.0000°	0.6618°
4.72 m	10.6449°	22.3982°	0.0000°	0.0000°	0.5767°
4.09 m	9.1690°	19.0799°	0.0000°	0.0000°	0.4930°
3.49 m	7.6420°	15.7243°	0.0000°	0.0000°	0.4078°
3.47 m	7.5769°	15.5829°	0.0000°	0.0000°	0.4042°
2.84 m	6.1023°	12.4182°	0.0000°	0.0000°	0.3232°
2.22 m	4.6295°	9.3268°	0.0000°	0.0000°	0.2436°
1.59 m	3.0519°	6.0853°	0.0000°	0.0000°	0.1595°
1.24 m	2.1615°	4.2850°	0.0000°	0.0000°	0.1125°
0.97 m	1.4613°	2.8835°	0.0000°	0.0000°	0.0758°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH EAST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	72.6852°	260.1831°	0.0000°	0.0000°	5.8096°
30.23 m	72.6729°	260.1831°	0.0000°	0.0000°	5.8094°
29.62 m	72.6160°	259.6575°	0.0000°	0.0000°	5.7993°
29.49 m	72.5952°	259.4052°	0.0000°	0.0000°	5.7945°
29.01 m	72.4898°	258.0551°	0.0000°	0.0000°	5.7691°
28.40 m	72.2734°	255.4212°	0.0000°	0.0000°	5.7194°
27.78 m	71.9523°	251.9494°	0.0000°	0.0000°	5.6532°
27.17 m	71.5180°	247.8244°	0.0000°	0.0000°	5.5736°
26.56 m	70.9654°	243.1945°	0.0000°	0.0000°	5.4831°
25.95 m	70.2924°	238.1787°	0.0000°	0.0000°	5.3838°
25.34 m	69.4989°	232.8738°	0.0000°	0.0000°	5.2774°
25.34 m	69.4989°	232.8738°	0.0000°	0.0000°	5.2774°
24.84 m	68.8237°	228.6793°	0.0000°	0.0000°	5.1924°
24.34 m	68.0773°	224.1178°	0.0000°	0.0000°	5.0998°
23.84 m	67.2613°	219.1234°	0.0000°	0.0000°	4.9984°
23.34 m	66.3780°	213.7711°	0.0000°	0.0000°	4.8895°
22.84 m	65.4293°	208.1254°	0.0000°	0.0000°	4.7744°
22.34 m	64.4176°	202.2412°	0.0000°	0.0000°	4.6541°
21.84 m	63.3450°	196.1660°	0.0000°	0.0000°	4.5293°
21.34 m	62.2138°	189.9402°	0.0000°	0.0000°	4.4009°
20.84 m	61.0262°	183.5987°	0.0000°	0.0000°	4.2695°
20.34 m	59.7841°	177.1715°	0.0000°	0.0000°	4.1357°
20.34 m	59.7841°	177.1715°	0.0000°	0.0000°	4.1357°
19.84 m	58.7232°	171.8562°	0.0000°	0.0000°	4.0244°
19.34 m	57.6236°	166.5227°	0.0000°	0.0000°	3.9121°
18.84 m	56.4871°	161.1861°	0.0000°	0.0000°	3.7991°
18.34 m	55.3155°	155.8593°	0.0000°	0.0000°	3.6857°
17.84 m	54.1106°	150.5532°	0.0000°	0.0000°	3.5721°
17.34 m	52.8738°	145.2769°	0.0000°	0.0000°	3.4584°

16.84 m	51.6069°	140.0382°	0.0000°	0.0000°	3.3448°
16.34 m	50.3114°	134.8436°	0.0000°	0.0000°	3.2316°
15.84 m	48.9885°	129.6985°	0.0000°	0.0000°	3.1187°
15.34 m	47.6397°	124.6076°	0.0000°	0.0000°	3.0063°
15.34 m	47.6397°	124.6076°	0.0000°	0.0000°	3.0063°
14.84 m	46.1409°	119.1158°	0.0000°	0.0000°	2.8843°
14.34 m	44.6180°	113.6956°	0.0000°	0.0000°	2.7631°
13.84 m	43.0726°	108.3495°	0.0000°	0.0000°	2.6428°
13.34 m	41.5060°	103.0793°	0.0000°	0.0000°	2.5235°
12.84 m	39.9194°	97.8861°	0.0000°	0.0000°	2.4052°
12.34 m	38.3142°	92.7710°	0.0000°	0.0000°	2.2879°
11.84 m	36.6915°	87.7345°	0.0000°	0.0000°	2.1716°
11.34 m	35.0524°	82.7769°	0.0000°	0.0000°	2.0565°
10.84 m	33.3980°	77.8981°	0.0000°	0.0000°	1.9425°
10.34 m	31.7292°	73.0979°	0.0000°	0.0000°	1.8296°
10.34 m	31.7292°	73.0979°	0.0000°	0.0000°	1.8296°
9.84 m	30.2637°	68.9847°	0.0000°	0.0000°	1.7322°
9.34 m	28.7892°	64.9443°	0.0000°	0.0000°	1.6360°
8.84 m	27.3064°	60.9758°	0.0000°	0.0000°	1.5408°
8.34 m	25.8160°	57.0782°	0.0000°	0.0000°	1.4468°
7.84 m	24.3187°	53.2503°	0.0000°	0.0000°	1.3538°
7.34 m	22.8153°	49.4910°	0.0000°	0.0000°	1.2620°
6.84 m	21.3064°	45.7992°	0.0000°	0.0000°	1.1712°
6.34 m	19.7928°	42.1737°	0.0000°	0.0000°	1.0815°
5.84 m	18.2754°	38.6131°	0.0000°	0.0000°	0.9929°
5.34 m	16.7553°	35.1163°	0.0000°	0.0000°	0.9053°
5.34 m	16.7553°	35.1163°	0.0000°	0.0000°	0.9053°
4.72 m	14.6976°	30.4835°	0.0000°	0.0000°	0.7886°
4.09 m	12.6433°	25.9620°	0.0000°	0.0000°	0.6738°
3.49 m	10.5228°	21.3918°	0.0000°	0.0000°	0.5570°
3.47 m	10.4326°	21.1993°	0.0000°	0.0000°	0.5521°
2.84 m	8.3904°	16.8907°	0.0000°	0.0000°	0.4412°
2.22 m	6.3568°	12.6838°	0.0000°	0.0000°	0.3323°
1.59 m	4.1846°	8.2741°	0.0000°	0.0000°	0.2174°
1.24 m	2.9613°	5.8256°	0.0000°	0.0000°	0.1534°
0.97 m	2.0008°	3.9199°	0.0000°	0.0000°	0.1033°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	58.7320°	217.2948°	0.0000°	0.0000°	4.8176°
30.23 m	58.7219°	217.2948°	0.0000°	0.0000°	4.8174°
29.62 m	58.6754°	216.8367°	0.0000°	0.0000°	4.8086°
29.49 m	58.6584°	216.6168°	0.0000°	0.0000°	4.8045°
29.01 m	58.5722°	215.4406°	0.0000°	0.0000°	4.7824°
28.40 m	58.3953°	213.1459°	0.0000°	0.0000°	4.7393°
27.78 m	58.1328°	210.1211°	0.0000°	0.0000°	4.6819°
27.17 m	57.7779°	206.5272°	0.0000°	0.0000°	4.6130°
26.56 m	57.3265°	202.4933°	0.0000°	0.0000°	4.5347°
25.95 m	56.7769°	198.1231°	0.0000°	0.0000°	4.4488°
25.34 m	56.1290°	193.5011°	0.0000°	0.0000°	4.3569°
25.34 m	56.1290°	193.5011°	0.0000°	0.0000°	4.3569°
24.84 m	55.5779°	189.8542°	0.0000°	0.0000°	4.2836°
24.34 m	54.9687°	185.9166°	0.0000°	0.0000°	4.2042°
23.84 m	54.3029°	181.6405°	0.0000°	0.0000°	4.1180°
23.34 m	53.5823°	177.0859°	0.0000°	0.0000°	4.0259°
22.84 m	52.8086°	172.3041°	0.0000°	0.0000°	3.9290°
22.34 m	51.9837°	167.3391°	0.0000°	0.0000°	3.8279°
21.84 m	51.1094°	162.2284°	0.0000°	0.0000°	3.7234°
21.34 m	50.1877°	157.0043°	0.0000°	0.0000°	3.6162°
20.84 m	49.2203°	151.6944°	0.0000°	0.0000°	3.5066°
20.34 m	48.2089°	146.3226°	0.0000°	0.0000°	3.3952°
20.34 m	48.2089°	146.3226°	0.0000°	0.0000°	3.3952°
19.84 m	47.3454°	141.8871°	0.0000°	0.0000°	3.3027°
19.34 m	46.4508°	137.4425°	0.0000°	0.0000°	3.2095°
18.84 m	45.5266°	133.0008°	0.0000°	0.0000°	3.1159°
18.34 m	44.5743°	128.5720°	0.0000°	0.0000°	3.0220°
17.84 m	43.5952°	124.1646°	0.0000°	0.0000°	2.9280°
17.34 m	42.5909°	119.7857°	0.0000°	0.0000°	2.8340°
16.84 m	41.5625°	115.4415°	0.0000°	0.0000°	2.7402°
16.34 m	40.5114°	111.1369°	0.0000°	0.0000°	2.6468°
15.84 m	39.4387°	106.8761°	0.0000°	0.0000°	2.5537°
15.34 m	38.3453°	102.6626°	0.0000°	0.0000°	2.4611°
15.34 m	38.3453°	102.6626°	0.0000°	0.0000°	2.4611°
14.84 m	37.1310°	98.1198°	0.0000°	0.0000°	2.3606°
14.34 m	35.8978°	93.6386°	0.0000°	0.0000°	2.2608°
13.84 m	34.6469°	89.2206°	0.0000°	0.0000°	2.1619°
13.34 m	33.3794°	84.8672°	0.0000°	0.0000°	2.0638°
12.84 m	32.0963°	80.5792°	0.0000°	0.0000°	1.9666°
12.34 m	30.7988°	76.3573°	0.0000°	0.0000°	1.8702°
11.84 m	29.4876°	72.2016°	0.0000°	0.0000°	1.7748°
11.34 m	28.1638°	68.1124°	0.0000°	0.0000°	1.6803°
10.84 m	26.8283°	64.0895°	0.0000°	0.0000°	1.5868°
10.34 m	25.4816°	60.1325°	0.0000°	0.0000°	1.4942°
10.34 m	25.4816°	60.1325°	0.0000°	0.0000°	1.4942°
9.84 m	24.2996°	56.7428°	0.0000°	0.0000°	1.4145°
9.34 m	23.1108°	53.4139°	0.0000°	0.0000°	1.3356°
8.84 m	21.9157°	50.1451°	0.0000°	0.0000°	1.2577°
8.34 m	20.7151°	46.9353°	0.0000°	0.0000°	1.1807°
7.84 m	19.5094°	43.7837°	0.0000°	0.0000°	1.1047°
7.34 m	18.2993°	40.6893°	0.0000°	0.0000°	1.0295°
6.84 m	17.0852°	37.6510°	0.0000°	0.0000°	0.9553°
6.34 m	15.8678°	34.6677°	0.0000°	0.0000°	0.8820°
5.84 m	14.6480°	31.7385°	0.0000°	0.0000°	0.8096°
5.34 m	13.4266°	28.8622°	0.0000°	0.0000°	0.7381°
5.34 m	13.4266°	28.8622°	0.0000°	0.0000°	0.7381°
4.72 m	11.7741°	25.0522°	0.0000°	0.0000°	0.6427°
4.09 m	10.1254°	21.3345°	0.0000°	0.0000°	0.5491°
3.49 m	8.4247°	17.5774°	0.0000°	0.0000°	0.4538°
3.47 m	8.3523°	17.4191°	0.0000°	0.0000°	0.4498°

2.84 m	6.7154°	13.8777°	0.0000°	0.0000°	0.3594°
2.22 m	5.0864°	10.4205°	0.0000°	0.0000°	0.2706°
1.59 m	3.3474°	6.7971°	0.0000°	0.0000°	0.1771°
1.24 m	2.3685°	4.7855°	0.0000°	0.0000°	0.1249°
0.97 m	1.6001°	3.2200°	0.0000°	0.0000°	0.0841°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH WEST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	45.4963°	167.9937°	0.0000°	0.0000°	3.7261°
30.23 m	45.4884°	167.9937°	0.0000°	0.0000°	3.7260°
29.62 m	45.4516°	167.6715°	0.0000°	0.0000°	3.7197°
29.49 m	45.4382°	167.5168°	0.0000°	0.0000°	3.7168°
29.01 m	45.3702°	166.6887°	0.0000°	0.0000°	3.7011°
28.40 m	45.2307°	165.0733°	0.0000°	0.0000°	3.6705°
27.78 m	45.0238°	162.9440°	0.0000°	0.0000°	3.6297°
27.17 m	44.7442°	160.4142°	0.0000°	0.0000°	3.5807°
26.56 m	44.3889°	157.5747°	0.0000°	0.0000°	3.5249°
25.95 m	43.9565°	154.4986°	0.0000°	0.0000°	3.4637°
25.34 m	43.4472°	151.2453°	0.0000°	0.0000°	3.3980°
25.34 m	43.4472°	151.2453°	0.0000°	0.0000°	3.3980°
24.84 m	43.0142°	148.6660°	0.0000°	0.0000°	3.3455°
24.34 m	42.5360°	145.8358°	0.0000°	0.0000°	3.2877°
23.84 m	42.0136°	142.7052°	0.0000°	0.0000°	3.2240°
23.34 m	41.4486°	139.3253°	0.0000°	0.0000°	3.1551°
22.84 m	40.8424°	135.7398°	0.0000°	0.0000°	3.0819°
22.34 m	40.1964°	131.9862°	0.0000°	0.0000°	3.0052°
21.84 m	39.5121°	128.0968°	0.0000°	0.0000°	2.9253°
21.34 m	38.7911°	124.0991°	0.0000°	0.0000°	2.8430°
20.84 m	38.0349°	120.0169°	0.0000°	0.0000°	2.7585°
20.34 m	37.2447°	115.8707°	0.0000°	0.0000°	2.6724°
20.34 m	37.2447°	115.8707°	0.0000°	0.0000°	2.6724°
19.84 m	36.5704°	112.4355°	0.0000°	0.0000°	2.6006°
19.34 m	35.8721°	108.9831°	0.0000°	0.0000°	2.5282°
18.84 m	35.1511°	105.5239°	0.0000°	0.0000°	2.4552°
18.34 m	34.4086°	102.0667°	0.0000°	0.0000°	2.3819°
17.84 m	33.6456°	98.6191°	0.0000°	0.0000°	2.3085°
17.34 m	32.8634°	95.1875°	0.0000°	0.0000°	2.2349°
16.84 m	32.0628°	91.7773°	0.0000°	0.0000°	2.1614°
16.34 m	31.2449°	88.3931°	0.0000°	0.0000°	2.0881°
15.84 m	30.4107°	85.0387°	0.0000°	0.0000°	2.0150°
15.34 m	29.5609°	81.7173°	0.0000°	0.0000°	1.9422°
15.34 m	29.5609°	81.7173°	0.0000°	0.0000°	1.9422°
14.84 m	28.6177°	78.1321°	0.0000°	0.0000°	1.8631°
14.34 m	27.6603°	74.5917°	0.0000°	0.0000°	1.7846°
13.84 m	26.6898°	71.0978°	0.0000°	0.0000°	1.7067°
13.34 m	25.7070°	67.6518°	0.0000°	0.0000°	1.6294°
12.84 m	24.7127°	64.2546°	0.0000°	0.0000°	1.5528°
12.34 m	23.7079°	60.9071°	0.0000°	0.0000°	1.4768°
11.84 m	22.6932°	57.6097°	0.0000°	0.0000°	1.4016°
11.34 m	21.6693°	54.3628°	0.0000°	0.0000°	1.3270°
10.84 m	20.6371°	51.1663°	0.0000°	0.0000°	1.2532°
10.34 m	19.5969°	48.0204°	0.0000°	0.0000°	1.1801°
10.34 m	19.5969°	48.0204°	0.0000°	0.0000°	1.1801°
9.84 m	18.6846°	45.3238°	0.0000°	0.0000°	1.1172°
9.34 m	17.7676°	42.6742°	0.0000°	0.0000°	1.0549°
8.84 m	16.8464°	40.0710°	0.0000°	0.0000°	0.9934°
8.34 m	15.9215°	37.5136°	0.0000°	0.0000°	0.9326°
7.84 m	14.9933°	35.0014°	0.0000°	0.0000°	0.8726°
7.34 m	14.0622°	32.5336°	0.0000°	0.0000°	0.8132°
6.84 m	13.1285°	30.1095°	0.0000°	0.0000°	0.7546°
6.34 m	12.1927°	27.7284°	0.0000°	0.0000°	0.6968°
5.84 m	11.2553°	25.3896°	0.0000°	0.0000°	0.6396°
5.34 m	10.3168°	23.0921°	0.0000°	0.0000°	0.5831°
5.34 m	10.3168°	23.0921°	0.0000°	0.0000°	0.5831°
4.72 m	9.0474°	20.0477°	0.0000°	0.0000°	0.5078°
4.09 m	7.7810°	17.0758°	0.0000°	0.0000°	0.4338°
3.49 m	6.4747°	14.0713°	0.0000°	0.0000°	0.3586°
3.47 m	6.4191°	13.9447°	0.0000°	0.0000°	0.3554°
2.84 m	5.1617°	11.1115°	0.0000°	0.0000°	0.2840°
2.22 m	3.9100°	8.3447°	0.0000°	0.0000°	0.2139°
1.59 m	2.5736°	5.4440°	0.0000°	0.0000°	0.1399°
1.24 m	1.8212°	3.8332°	0.0000°	0.0000°	0.0987°
0.97 m	1.2304°	2.5794°	0.0000°	0.0000°	0.0665°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

WEST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	41.0349°	151.9511°	0.0000°	0.0000°	3.3682°
30.23 m	41.0275°	151.9511°	0.0000°	0.0000°	3.3681°
29.62 m	40.9937°	151.6726°	0.0000°	0.0000°	3.3627°
29.49 m	40.9813°	151.5388°	0.0000°	0.0000°	3.3601°
29.01 m	40.9188°	150.8226°	0.0000°	0.0000°	3.3465°
28.40 m	40.7904°	149.4255°	0.0000°	0.0000°	3.3199°
27.78 m	40.6002°	147.5839°	0.0000°	0.0000°	3.2844°
27.17 m	40.3433°	145.3961°	0.0000°	0.0000°	3.2418°
26.56 m	40.0169°	142.9404°	0.0000°	0.0000°	3.1932°
25.95 m	39.6199°	140.2801°	0.0000°	0.0000°	3.1398°
25.34 m	39.1527°	137.4667°	0.0000°	0.0000°	3.0826°
25.34 m	39.1527°	137.4667°	0.0000°	0.0000°	3.0826°
24.84 m	38.7557°	135.2305°	0.0000°	0.0000°	3.0366°
24.34 m	38.3173°	132.7569°	0.0000°	0.0000°	2.9858°
23.84 m	37.8388°	129.9960°	0.0000°	0.0000°	2.9293°
23.34 m	37.3215°	126.9959°	0.0000°	0.0000°	2.8679°
22.84 m	36.7668°	123.7978°	0.0000°	0.0000°	2.8024°
22.34 m	36.1759°	120.4369°	0.0000°	0.0000°	2.7334°
21.84 m	35.5504°	116.9438°	0.0000°	0.0000°	2.6615°
21.34 m	34.8917°	113.3444°	0.0000°	0.0000°	2.5872°
20.84 m	34.2012°	109.6613°	0.0000°	0.0000°	2.5109°
20.34 m	33.4800°	105.9139°	0.0000°	0.0000°	2.4329°

20.34 m	33.4800°	105.9139°	0.0000°	0.0000°	2.4329°
19.84 m	32.8649°	102.8043°	0.0000°	0.0000°	2.3679°
19.34 m	32.2283°	99.6750°	0.0000°	0.0000°	2.3021°
18.84 m	31.5714°	96.5359°	0.0000°	0.0000°	2.2359°
18.34 m	30.8953°	93.3955°	0.0000°	0.0000°	2.1693°
17.84 m	30.2009°	90.2609°	0.0000°	0.0000°	2.1025°
17.34 m	29.4894°	87.1383°	0.0000°	0.0000°	2.0355°
16.84 m	28.7617°	84.0330°	0.0000°	0.0000°	1.9686°
16.34 m	28.0187°	80.9492°	0.0000°	0.0000°	1.9018°
15.84 m	27.2613°	77.8908°	0.0000°	0.0000°	1.8353°
15.34 m	26.4903°	74.8608°	0.0000°	0.0000°	1.7689°
15.34 m	26.4903°	74.8608°	0.0000°	0.0000°	1.7689°
14.84 m	25.6351°	71.5885°	0.0000°	0.0000°	1.6969°
14.34 m	24.7676°	68.3556°	0.0000°	0.0000°	1.6253°
13.84 m	23.8887°	65.1637°	0.0000°	0.0000°	1.5543°
13.34 m	22.9993°	62.0144°	0.0000°	0.0000°	1.4838°
12.84 m	22.1002°	58.9086°	0.0000°	0.0000°	1.4139°
12.34 m	21.1921°	55.8470°	0.0000°	0.0000°	1.3446°
11.84 m	20.2757°	52.8304°	0.0000°	0.0000°	1.2759°
11.34 m	19.3517°	49.8590°	0.0000°	0.0000°	1.2080°
10.84 m	18.4208°	46.9330°	0.0000°	0.0000°	1.1406°
10.34 m	17.4834°	44.0524°	0.0000°	0.0000°	1.0740°
10.34 m	17.4834°	44.0524°	0.0000°	0.0000°	1.0740°
9.84 m	16.6618°	41.5827°	0.0000°	0.0000°	1.0166°
9.34 m	15.8366°	39.1555°	0.0000°	0.0000°	0.9598°
8.84 m	15.0083°	36.7702°	0.0000°	0.0000°	0.9037°
8.34 m	14.1775°	34.4264°	0.0000°	0.0000°	0.8483°
7.84 m	13.3446°	32.1235°	0.0000°	0.0000°	0.7936°
7.34 m	12.5101°	29.8610°	0.0000°	0.0000°	0.7395°
6.84 m	11.6743°	27.6381°	0.0000°	0.0000°	0.6861°
6.34 m	10.8378°	25.4543°	0.0000°	0.0000°	0.6334°
5.84 m	10.0008°	23.3088°	0.0000°	0.0000°	0.5814°
5.34 m	9.1639°	21.2010°	0.0000°	0.0000°	0.5300°
5.34 m	9.1639°	21.2010°	0.0000°	0.0000°	0.5300°
4.72 m	8.0331°	18.4075°	0.0000°	0.0000°	0.4615°
4.09 m	6.9062°	15.6799°	0.0000°	0.0000°	0.3942°
3.49 m	5.7448°	12.9220°	0.0000°	0.0000°	0.3258°
3.47 m	5.6954°	12.8058°	0.0000°	0.0000°	0.3229°
2.84 m	4.5784°	10.2048°	0.0000°	0.0000°	0.2580°
2.22 m	3.4674°	7.6643°	0.0000°	0.0000°	0.1943°
1.59 m	2.2817°	5.0004°	0.0000°	0.0000°	0.1271°
1.24 m	1.6144°	3.5210°	0.0000°	0.0000°	0.0896°
0.97 m	1.0906°	2.3694°	0.0000°	0.0000°	0.0604°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

NORTH WEST WIND

RL	SHAFT θ*	AREA θ*	POINT θ*	LINEAR θ*	COMBINED θ*
30.84 m	45.7216°	171.6588°	0.0000°	0.0000°	3.7940°
30.23 m	45.7135°	171.6588°	0.0000°	0.0000°	3.7939°
29.62 m	45.6760°	171.3079°	0.0000°	0.0000°	3.7871°
29.49 m	45.6623°	171.1395°	0.0000°	0.0000°	3.7839°
29.01 m	45.5929°	170.2384°	0.0000°	0.0000°	3.7670°
28.40 m	45.4506°	168.4805°	0.0000°	0.0000°	3.7338°
27.78 m	45.2396°	166.1632°	0.0000°	0.0000°	3.6897°
27.17 m	44.9546°	163.4101°	0.0000°	0.0000°	3.6366°
26.56 m	44.5924°	160.3198°	0.0000°	0.0000°	3.5764°
25.95 m	44.1520°	156.9720°	0.0000°	0.0000°	3.5103°
25.34 m	43.6334°	153.4313°	0.0000°	0.0000°	3.4394°
25.34 m	43.6334°	153.4313°	0.0000°	0.0000°	3.4394°
24.84 m	43.1928°	150.6333°	0.0000°	0.0000°	3.3829°
24.34 m	42.7062°	147.5966°	0.0000°	0.0000°	3.3214°
23.84 m	42.1750°	144.2791°	0.0000°	0.0000°	3.2542°
23.34 m	41.6005°	140.7299°	0.0000°	0.0000°	3.1823°
22.84 m	40.9844°	136.9909°	0.0000°	0.0000°	3.1063°
22.34 m	40.3282°	133.0980°	0.0000°	0.0000°	3.0269°
21.84 m	39.6333°	129.0820°	0.0000°	0.0000°	2.9446°
21.34 m	38.9015°	124.9692°	0.0000°	0.0000°	2.8601°
20.84 m	38.1341°	120.7825°	0.0000°	0.0000°	2.7736°
20.34 m	37.3326°	116.5413°	0.0000°	0.0000°	2.6856°
20.34 m	37.3326°	116.5413°	0.0000°	0.0000°	2.6856°
19.84 m	36.6489°	113.0352°	0.0000°	0.0000°	2.6125°
19.34 m	35.9412°	109.5185°	0.0000°	0.0000°	2.5387°
18.84 m	35.2107°	106.0009°	0.0000°	0.0000°	2.4646°
18.34 m	34.4587°	102.4907°	0.0000°	0.0000°	2.3902°
17.84 m	33.6864°	98.9951°	0.0000°	0.0000°	2.3157°
17.34 m	32.8948°	95.5199°	0.0000°	0.0000°	2.2413°
16.84 m	32.0850°	92.0702°	0.0000°	0.0000°	2.1669°
16.34 m	31.2581°	88.6502°	0.0000°	0.0000°	2.0928°
15.84 m	30.4151°	85.2634°	0.0000°	0.0000°	2.0190°
15.34 m	29.5567°	81.9128°	0.0000°	0.0000°	1.9455°
15.34 m	29.5567°	81.9128°	0.0000°	0.0000°	1.9455°
14.84 m	28.6043°	78.2988°	0.0000°	0.0000°	1.8658°
14.34 m	27.6381°	74.7325°	0.0000°	0.0000°	1.7867°
13.84 m	26.6591°	71.2154°	0.0000°	0.0000°	1.7082°
13.34 m	25.6682°	67.7485°	0.0000°	0.0000°	1.6304°
12.84 m	24.6662°	64.3327°	0.0000°	0.0000°	1.5533°
12.34 m	23.6540°	60.9686°	0.0000°	0.0000°	1.4769°
11.84 m	22.6324°	57.6565°	0.0000°	0.0000°	1.4013°
11.34 m	21.6022°	54.3965°	0.0000°	0.0000°	1.3264°
10.84 m	20.5639°	51.1887°	0.0000°	0.0000°	1.2523°
10.34 m	19.5183°	48.0328°	0.0000°	0.0000°	1.1790°
10.34 m	19.5183°	48.0328°	0.0000°	0.0000°	1.1790°
9.84 m	18.6016°	45.3287°	0.0000°	0.0000°	1.1158°
9.34 m	17.6808°	42.6727°	0.0000°	0.0000°	1.0534°
8.84 m	16.7564°	40.0641°	0.0000°	0.0000°	0.9917°
8.34 m	15.8290°	37.5023°	0.0000°	0.0000°	0.9308°
7.84 m	14.8991°	34.9864°	0.0000°	0.0000°	0.8707°
7.34 m	13.9673°	32.5158°	0.0000°	0.0000°	0.8113°
6.84 m	13.0340°	30.0896°	0.0000°	0.0000°	0.7526°
6.34 m	12.0997°	27.7071°	0.0000°	0.0000°	0.6948°

5.84 m	11.1649°	25.3674°	0.0000°	0.0000°	0.6376°
5.34 m	10.2301°	23.0697°	0.0000°	0.0000°	0.5812°
5.34 m	10.2301°	23.0697°	0.0000°	0.0000°	0.5812°
4.72 m	8.9671°	20.0257°	0.0000°	0.0000°	0.5060°
4.09 m	7.7085°	17.0550°	0.0000°	0.0000°	0.4322°
3.49 m	6.4116°	14.0524°	0.0000°	0.0000°	0.3572°
3.47 m	6.3564°	13.9260°	0.0000°	0.0000°	0.3540°
2.84 m	5.1093°	11.0954°	0.0000°	0.0000°	0.2828°
2.22 m	3.8690°	8.3317°	0.0000°	0.0000°	0.2129°
1.59 m	2.5457°	5.4350°	0.0000°	0.0000°	0.1393°
1.24 m	1.8011°	3.8266°	0.0000°	0.0000°	0.0982°
0.97 m	1.2166°	2.5748°	0.0000°	0.0000°	0.0662°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

LOAD CASE 4: G + Ps + Ws

NORTH WIND

RL	SHAFT θ	AREA θ	POINT θ	LINEAR θ	COMBINED θ
30.84 m	16.8148°	66.9207°	0.0000°	0.0000°	1.4615°
30.23 m	16.8119°	66.9207°	0.0000°	0.0000°	1.4614°
29.62 m	16.7990°	66.7784°	0.0000°	0.0000°	1.4587°
29.49 m	16.7943°	66.7101°	0.0000°	0.0000°	1.4574°
29.01 m	16.7705°	66.3444°	0.0000°	0.0000°	1.4506°
28.40 m	16.7224°	65.6309°	0.0000°	0.0000°	1.4373°
27.78 m	16.6517°	64.6906°	0.0000°	0.0000°	1.4197°
27.17 m	16.5561°	63.5733°	0.0000°	0.0000°	1.3985°
26.56 m	16.4339°	62.3193°	0.0000°	0.0000°	1.3745°
25.95 m	16.2841°	60.9608°	0.0000°	0.0000°	1.3482°
25.34 m	16.1065°	59.5240°	0.0000°	0.0000°	1.3200°
25.34 m	16.1065°	59.5240°	0.0000°	0.0000°	1.3200°
24.84 m	15.9546°	58.3909°	0.0000°	0.0000°	1.2976°
24.34 m	15.7860°	57.1692°	0.0000°	0.0000°	1.2733°
23.84 m	15.6009°	55.8448°	0.0000°	0.0000°	1.2470°
23.34 m	15.3999°	54.4361°	0.0000°	0.0000°	1.2189°
22.84 m	15.1834°	52.9586°	0.0000°	0.0000°	1.1893°
22.34 m	14.9518°	51.4257°	0.0000°	0.0000°	1.1585°
21.84 m	14.7058°	49.8489°	0.0000°	0.0000°	1.1267°
21.34 m	14.4458°	48.2381°	0.0000°	0.0000°	1.0940°
20.84 m	14.1724°	46.6016°	0.0000°	0.0000°	1.0607°
20.34 m	13.8860°	44.9467°	0.0000°	0.0000°	1.0268°
20.34 m	13.8860°	44.9467°	0.0000°	0.0000°	1.0268°
19.84 m	13.6410°	43.5808°	0.0000°	0.0000°	0.9987°
19.34 m	13.3867°	42.2125°	0.0000°	0.0000°	0.9704°
18.84 m	13.1236°	40.8454°	0.0000°	0.0000°	0.9419°
18.34 m	12.8522°	39.4827°	0.0000°	0.0000°	0.9134°
17.84 m	12.5727°	38.1269°	0.0000°	0.0000°	0.8849°
17.34 m	12.2857°	36.7801°	0.0000°	0.0000°	0.8564°
16.84 m	11.9915°	35.4442°	0.0000°	0.0000°	0.8279°
16.34 m	11.6905°	34.1208°	0.0000°	0.0000°	0.7996°
15.84 m	11.3830°	32.8110°	0.0000°	0.0000°	0.7713°
15.34 m	11.0693°	31.5160°	0.0000°	0.0000°	0.7433°
15.34 m	11.0693°	31.5160°	0.0000°	0.0000°	0.7433°
14.84 m	10.7206°	30.1199°	0.0000°	0.0000°	0.7128°
14.34 m	10.3663°	28.7429°	0.0000°	0.0000°	0.6826°
13.84 m	10.0066°	27.3856°	0.0000°	0.0000°	0.6526°
13.34 m	9.6419°	26.0481°	0.0000°	0.0000°	0.6229°
12.84 m	9.2725°	24.7310°	0.0000°	0.0000°	0.5935°
12.34 m	8.8987°	23.4342°	0.0000°	0.0000°	0.5643°
11.84 m	8.5209°	22.1580°	0.0000°	0.0000°	0.5354°
11.34 m	8.1392°	20.9022°	0.0000°	0.0000°	0.5069°
10.84 m	7.7540°	19.6669°	0.0000°	0.0000°	0.4786°
10.34 m	7.3655°	18.4520°	0.0000°	0.0000°	0.4506°
10.34 m	7.3655°	18.4520°	0.0000°	0.0000°	0.4506°
9.84 m	7.0244°	17.4113°	0.0000°	0.0000°	0.4265°
9.34 m	6.6812°	16.3893°	0.0000°	0.0000°	0.4027°
8.84 m	6.3361°	15.3859°	0.0000°	0.0000°	0.3791°
8.34 m	5.9893°	14.4007°	0.0000°	0.0000°	0.3559°
7.84 m	5.6411°	13.4333°	0.0000°	0.0000°	0.3329°
7.34 m	5.2914°	12.4836°	0.0000°	0.0000°	0.3102°
6.84 m	4.9407°	11.5511°	0.0000°	0.0000°	0.2878°
6.34 m	4.5889°	10.6356°	0.0000°	0.0000°	0.2657°
5.84 m	4.2364°	9.7368°	0.0000°	0.0000°	0.2439°
5.34 m	3.8833°	8.8542°	0.0000°	0.0000°	0.2223°
5.34 m	3.8833°	8.8542°	0.0000°	0.0000°	0.2223°
4.72 m	3.4056°	7.6851°	0.0000°	0.0000°	0.1936°
4.09 m	2.9289°	6.5445°	0.0000°	0.0000°	0.1653°
3.49 m	2.4371°	5.3918°	0.0000°	0.0000°	0.1366°
3.47 m	2.4162°	5.3433°	0.0000°	0.0000°	0.1354°
2.84 m	1.9428°	4.2569°	0.0000°	0.0000°	0.1082°
2.22 m	1.4716°	3.1963°	0.0000°	0.0000°	0.0815°
1.59 m	0.9685°	2.0848°	0.0000°	0.0000°	0.0533°
1.24 m	0.6853°	1.4678°	0.0000°	0.0000°	0.0376°
0.97 m	0.4630°	0.9876°	0.0000°	0.0000°	0.0253°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

NORTH EAST WIND

RL	SHAFT θ	AREA θ	POINT θ	LINEAR θ	COMBINED θ
30.84 m	15.6471°	61.1309°	0.0000°	0.0000°	1.3400°
30.23 m	15.6443°	61.1309°	0.0000°	0.0000°	1.3400°
29.62 m	15.6319°	61.0146°	0.0000°	0.0000°	1.3377°
29.49 m	15.6273°	60.9586°	0.0000°	0.0000°	1.3367°
29.01 m	15.6045°	60.6592°	0.0000°	0.0000°	1.3311°
28.40 m	15.5582°	60.0750°	0.0000°	0.0000°	1.3200°
27.78 m	15.4905°	59.3050°	0.0000°	0.0000°	1.3054°
27.17 m	15.3999°	58.3903°	0.0000°	0.0000°	1.2879°
26.56 m	15.2851°	57.3636°	0.0000°	0.0000°	1.2680°
25.95 m	15.1452°	56.2514°	0.0000°	0.0000°	1.2461°
25.34 m	14.9797°	55.0751°	0.0000°	0.0000°	1.2227°
25.34 m	14.9797°	55.0751°	0.0000°	0.0000°	1.2227°

24.84 m	14.8384°	54.1422°	0.0000°	0.0000°	1.2039°
24.34 m	14.6816°	53.1173°	0.0000°	0.0000°	1.1833°
23.84 m	14.5098°	51.9821°	0.0000°	0.0000°	1.1605°
23.34 m	14.3231°	50.7554°	0.0000°	0.0000°	1.1358°
22.84 m	14.1221°	49.4531°	0.0000°	0.0000°	1.1096°
22.34 m	13.9073°	48.0890°	0.0000°	0.0000°	1.0820°
21.84 m	13.6789°	46.6750°	0.0000°	0.0000°	1.0534°
21.34 m	13.4376°	45.2210°	0.0000°	0.0000°	1.0238°
20.84 m	13.1838°	43.7358°	0.0000°	0.0000°	0.9934°
20.34 m	12.9180°	42.2270°	0.0000°	0.0000°	0.9625°
20.34 m	12.9180°	42.2270°	0.0000°	0.0000°	0.9625°
19.84 m	12.6905°	40.9767°	0.0000°	0.0000°	0.9367°
19.34 m	12.4545°	39.7198°	0.0000°	0.0000°	0.9106°
18.84 m	12.2102°	38.4603°	0.0000°	0.0000°	0.8844°
18.34 m	11.9582°	37.2013°	0.0000°	0.0000°	0.8580°
17.84 m	11.6987°	35.9457°	0.0000°	0.0000°	0.8316°
17.34 m	11.4322°	34.6958°	0.0000°	0.0000°	0.8051°
16.84 m	11.1589°	33.4535°	0.0000°	0.0000°	0.7786°
16.34 m	10.8793°	32.2206°	0.0000°	0.0000°	0.7522°
15.84 m	10.5937°	30.9985°	0.0000°	0.0000°	0.7259°
15.34 m	10.3024°	29.7883°	0.0000°	0.0000°	0.6997°
15.34 m	10.3024°	29.7883°	0.0000°	0.0000°	0.6997°
14.84 m	9.9785°	28.4819°	0.0000°	0.0000°	0.6713°
14.34 m	9.6493°	27.1917°	0.0000°	0.0000°	0.6430°
13.84 m	9.3151°	25.9184°	0.0000°	0.0000°	0.6149°
13.34 m	8.9762°	24.6626°	0.0000°	0.0000°	0.5871°
12.84 m	8.6330°	23.4244°	0.0000°	0.0000°	0.5595°
12.34 m	8.2856°	22.2044°	0.0000°	0.0000°	0.5322°
11.84 m	7.9345°	21.0025°	0.0000°	0.0000°	0.5050°
11.34 m	7.5798°	19.8190°	0.0000°	0.0000°	0.4782°
10.84 m	7.2218°	18.6538°	0.0000°	0.0000°	0.4516°
10.34 m	6.8607°	17.5071°	0.0000°	0.0000°	0.4253°
10.34 m	6.8607°	17.5071°	0.0000°	0.0000°	0.4253°
9.84 m	6.5436°	16.5241°	0.0000°	0.0000°	0.4026°
9.34 m	6.2246°	15.5582°	0.0000°	0.0000°	0.3802°
8.84 m	5.9038°	14.6092°	0.0000°	0.0000°	0.3580°
8.34 m	5.5814°	13.6769°	0.0000°	0.0000°	0.3361°
7.84 m	5.2576°	12.7611°	0.0000°	0.0000°	0.3145°
7.34 m	4.9326°	11.8614°	0.0000°	0.0000°	0.2931°
6.84 m	4.6064°	10.9777°	0.0000°	0.0000°	0.2720°
6.34 m	4.2793°	10.1096°	0.0000°	0.0000°	0.2511°
5.84 m	3.9514°	9.2569°	0.0000°	0.0000°	0.2305°
5.34 m	3.6230°	8.4193°	0.0000°	0.0000°	0.2102°
5.34 m	3.6230°	8.4193°	0.0000°	0.0000°	0.2102°
4.72 m	3.1784°	7.3094°	0.0000°	0.0000°	0.1830°
4.09 m	2.7345°	6.2258°	0.0000°	0.0000°	0.1564°
3.49 m	2.2762°	5.1304°	0.0000°	0.0000°	0.1293°
3.47 m	2.2567°	5.0843°	0.0000°	0.0000°	0.1281°
2.84 m	1.8152°	4.0513°	0.0000°	0.0000°	0.1024°
2.22 m	1.3754°	3.0425°	0.0000°	0.0000°	0.0771°
1.59 m	0.9055°	1.9849°	0.0000°	0.0000°	0.0504°
1.24 m	0.6408°	1.3976°	0.0000°	0.0000°	0.0356°
0.97 m	0.4330°	0.9405°	0.0000°	0.0000°	0.0240°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

EAST WIND

RL	SHAFT θ	AREA θ	POINT θ	LINEAR θ	COMBINED θ
30.84 m	20.2062°	75.4934°	0.0000°	0.0000°	1.6703°
30.23 m	20.2032°	75.4934°	0.0000°	0.0000°	1.6702°
29.62 m	20.1894°	75.3575°	0.0000°	0.0000°	1.6676°
29.49 m	20.1844°	75.2922°	0.0000°	0.0000°	1.6664°
29.01 m	20.1588°	74.9422°	0.0000°	0.0000°	1.6598°
28.40 m	20.1053°	74.2595°	0.0000°	0.0000°	1.6470°
27.78 m	20.0244°	73.3598°	0.0000°	0.0000°	1.6299°
27.17 m	19.9133°	72.2910°	0.0000°	0.0000°	1.6093°
26.56 m	19.7700°	71.0914°	0.0000°	0.0000°	1.5858°
25.95 m	19.5936°	69.7918°	0.0000°	0.0000°	1.5601°
25.34 m	19.3839°	68.4175°	0.0000°	0.0000°	1.5324°
25.34 m	19.3839°	68.4175°	0.0000°	0.0000°	1.5324°
24.84 m	19.2043°	67.3241°	0.0000°	0.0000°	1.5102°
24.34 m	19.0047°	66.1107°	0.0000°	0.0000°	1.4855°
23.84 m	18.7855°	64.7517°	0.0000°	0.0000°	1.4580°
23.34 m	18.5472°	63.2713°	0.0000°	0.0000°	1.4280°
22.84 m	18.2905°	61.6903°	0.0000°	0.0000°	1.3959°
22.34 m	18.0158°	60.0265°	0.0000°	0.0000°	1.3621°
21.84 m	17.7238°	58.2952°	0.0000°	0.0000°	1.3268°
21.34 m	17.4151°	56.5097°	0.0000°	0.0000°	1.2902°
20.84 m	17.0903°	54.6812°	0.0000°	0.0000°	1.2526°
20.34 m	16.7499°	52.8196°	0.0000°	0.0000°	1.2142°
20.34 m	16.7499°	52.8196°	0.0000°	0.0000°	1.2142°
19.84 m	16.4586°	51.2740°	0.0000°	0.0000°	1.1822°
19.34 m	16.1561°	49.7178°	0.0000°	0.0000°	1.1497°
18.84 m	15.8430°	48.1562°	0.0000°	0.0000°	1.1170°
18.34 m	15.5198°	46.5933°	0.0000°	0.0000°	1.0841°
17.84 m	15.1869°	45.0328°	0.0000°	0.0000°	1.0510°
17.34 m	14.8448°	43.4779°	0.0000°	0.0000°	1.0179°
16.84 m	14.4940°	41.9311°	0.0000°	0.0000°	0.9848°
16.34 m	14.1348°	40.3948°	0.0000°	0.0000°	0.9517°
15.84 m	13.7677°	38.8707°	0.0000°	0.0000°	0.9187°
15.34 m	13.3931°	37.3605°	0.0000°	0.0000°	0.8858°
15.34 m	13.3931°	37.3605°	0.0000°	0.0000°	0.8858°
14.84 m	12.9764°	35.7293°	0.0000°	0.0000°	0.8501°
14.34 m	12.5527°	34.1175°	0.0000°	0.0000°	0.8145°
13.84 m	12.1224°	32.5259°	0.0000°	0.0000°	0.7793°
13.34 m	11.6859°	30.9553°	0.0000°	0.0000°	0.7442°
12.84 m	11.2435°	29.4063°	0.0000°	0.0000°	0.7095°
12.34 m	10.7957°	27.8791°	0.0000°	0.0000°	0.6750°
11.84 m	10.3427°	26.3742°	0.0000°	0.0000°	0.6408°
11.34 m	9.8848°	24.8917°	0.0000°	0.0000°	0.6070°
10.84 m	9.4225°	23.4317°	0.0000°	0.0000°	0.5734°
10.34 m	8.9559°	21.9943°	0.0000°	0.0000°	0.5402°

10.34 m	8.9559°	21.9943°	0.0000°	0.0000°	0.5402°
9.84 m	8.5460°	20.7618°	0.0000°	0.0000°	0.5115°
9.34 m	8.1333°	19.5505°	0.0000°	0.0000°	0.4832°
8.84 m	7.7182°	18.3599°	0.0000°	0.0000°	0.4551°
8.34 m	7.3008°	17.1900°	0.0000°	0.0000°	0.4274°
7.84 m	6.8812°	16.0405°	0.0000°	0.0000°	0.4001°
7.34 m	6.4599°	14.9110°	0.0000°	0.0000°	0.3730°
6.84 m	6.0368°	13.8013°	0.0000°	0.0000°	0.3462°
6.34 m	5.6122°	12.7111°	0.0000°	0.0000°	0.3198°
5.84 m	5.1863°	11.6399°	0.0000°	0.0000°	0.2937°
5.34 m	4.7591°	10.5875°	0.0000°	0.0000°	0.2678°
5.34 m	4.7591°	10.5875°	0.0000°	0.0000°	0.2678°
4.72 m	4.1800°	9.1926°	0.0000°	0.0000°	0.2334°
4.09 m	3.6007°	7.8306°	0.0000°	0.0000°	0.1995°
3.49 m	3.0012°	6.4534°	0.0000°	0.0000°	0.1650°
3.47 m	2.9756°	6.3954°	0.0000°	0.0000°	0.1636°
2.84 m	2.3966°	5.0965°	0.0000°	0.0000°	0.1308°
2.22 m	1.8183°	3.8278°	0.0000°	0.0000°	0.0985°
1.59 m	1.1987°	2.4974°	0.0000°	0.0000°	0.0645°
1.24 m	0.8490°	1.7586°	0.0000°	0.0000°	0.0455°
0.97 m	0.5740°	1.1834°	0.0000°	0.0000°	0.0307°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH EAST WIND

RL	SHAFT θ	AREA θ	POINT θ	LINEAR θ	COMBINED θ
30.84 m	29.3232°	108.2218°	0.0000°	0.0000°	2.4006°
30.23 m	29.3182°	108.2218°	0.0000°	0.0000°	2.4005°
29.62 m	29.2952°	108.0033°	0.0000°	0.0000°	2.3963°
29.49 m	29.2868°	107.8984°	0.0000°	0.0000°	2.3943°
29.01 m	29.2441°	107.3366°	0.0000°	0.0000°	2.3838°
28.40 m	29.1565°	106.2406°	0.0000°	0.0000°	2.3631°
27.78 m	29.0265°	104.7961°	0.0000°	0.0000°	2.3356°
27.17 m	28.8508°	103.0799°	0.0000°	0.0000°	2.3026°
26.56 m	28.6273°	101.1537°	0.0000°	0.0000°	2.2651°
25.95 m	28.3552°	99.0670°	0.0000°	0.0000°	2.2239°
25.34 m	28.0344°	96.8602°	0.0000°	0.0000°	2.1798°
25.34 m	28.0344°	96.8602°	0.0000°	0.0000°	2.1798°
24.84 m	27.7615°	95.1152°	0.0000°	0.0000°	2.1446°
24.34 m	27.4598°	93.2175°	0.0000°	0.0000°	2.1062°
23.84 m	27.1300°	91.1396°	0.0000°	0.0000°	2.0642°
23.34 m	26.7730°	88.9128°	0.0000°	0.0000°	2.0191°
22.84 m	26.3895°	86.5640°	0.0000°	0.0000°	1.9714°
22.34 m	25.9807°	84.1160°	0.0000°	0.0000°	1.9215°
21.84 m	25.5472°	81.5885°	0.0000°	0.0000°	1.8699°
21.34 m	25.0901°	78.9985°	0.0000°	0.0000°	1.8167°
20.84 m	24.6103°	76.3603°	0.0000°	0.0000°	1.7623°
20.34 m	24.1085°	73.6865°	0.0000°	0.0000°	1.7068°
20.34 m	24.1085°	73.6865°	0.0000°	0.0000°	1.7068°
19.84 m	23.6798°	71.4753°	0.0000°	0.0000°	1.6608°
19.34 m	23.2356°	69.2566°	0.0000°	0.0000°	1.6143°
18.84 m	22.7765°	67.0366°	0.0000°	0.0000°	1.5675°
18.34 m	22.3033°	64.8207°	0.0000°	0.0000°	1.5206°
17.84 m	21.8165°	62.6134°	0.0000°	0.0000°	1.4736°
17.34 m	21.3170°	60.4186°	0.0000°	0.0000°	1.4266°
16.84 m	20.8054°	58.2394°	0.0000°	0.0000°	1.3796°
16.34 m	20.2822°	56.0786°	0.0000°	0.0000°	1.3327°
15.84 m	19.7480°	53.9385°	0.0000°	0.0000°	1.2861°
15.34 m	19.2034°	51.8209°	0.0000°	0.0000°	1.2396°
15.34 m	19.2034°	51.8209°	0.0000°	0.0000°	1.2396°
14.84 m	18.5983°	49.5366°	0.0000°	0.0000°	1.1892°
14.34 m	17.9835°	47.2821°	0.0000°	0.0000°	1.1391°
13.84 m	17.3596°	45.0585°	0.0000°	0.0000°	1.0894°
13.34 m	16.7273°	42.8664°	0.0000°	0.0000°	1.0401°
12.84 m	16.0870°	40.7064°	0.0000°	0.0000°	0.9912°
12.34 m	15.4392°	38.5790°	0.0000°	0.0000°	0.9428°
11.84 m	14.7844°	36.4842°	0.0000°	0.0000°	0.8948°
11.34 m	14.1230°	34.4223°	0.0000°	0.0000°	0.8473°
10.84 m	13.4556°	32.3932°	0.0000°	0.0000°	0.8002°
10.34 m	12.7825°	30.3968°	0.0000°	0.0000°	0.7536°
10.34 m	12.7825°	30.3968°	0.0000°	0.0000°	0.7536°
9.84 m	12.1914°	28.6862°	0.0000°	0.0000°	0.7134°
9.34 m	11.5967°	27.0059°	0.0000°	0.0000°	0.6737°
8.84 m	10.9988°	25.3555°	0.0000°	0.0000°	0.6345°
8.34 m	10.3979°	23.7345°	0.0000°	0.0000°	0.5957°
7.84 m	9.7943°	22.1427°	0.0000°	0.0000°	0.5574°
7.34 m	9.1882°	20.5793°	0.0000°	0.0000°	0.5195°
6.84 m	8.5801°	19.0441°	0.0000°	0.0000°	0.4821°
6.34 m	7.9700°	17.5364°	0.0000°	0.0000°	0.4452°
5.84 m	7.3586°	16.0557°	0.0000°	0.0000°	0.4087°
5.34 m	6.7461°	14.6016°	0.0000°	0.0000°	0.3726°
5.34 m	6.7461°	14.6016°	0.0000°	0.0000°	0.3726°
4.72 m	5.9172°	12.6752°	0.0000°	0.0000°	0.3245°
4.09 m	5.0897°	10.7950°	0.0000°	0.0000°	0.2772°
3.49 m	4.2358°	8.8947°	0.0000°	0.0000°	0.2292°
3.47 m	4.1994°	8.8146°	0.0000°	0.0000°	0.2271°
2.84 m	3.3771°	7.0231°	0.0000°	0.0000°	0.1815°
2.22 m	2.5584°	5.2738°	0.0000°	0.0000°	0.1367°
1.59 m	1.6840°	3.4403°	0.0000°	0.0000°	0.0894°
1.24 m	1.1917°	2.4222°	0.0000°	0.0000°	0.0631°
0.97 m	0.8051°	1.6299°	0.0000°	0.0000°	0.0425°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH WIND

RL	SHAFT θ	AREA θ	POINT θ	LINEAR θ	COMBINED θ
30.84 m	23.1483°	89.6534°	0.0000°	0.0000°	1.9688°
30.23 m	23.1450°	89.6534°	0.0000°	0.0000°	1.9687°
29.62 m	23.1295°	89.4645°	0.0000°	0.0000°	1.9651°
29.49 m	23.1238°	89.3738°	0.0000°	0.0000°	1.9635°
29.01 m	23.0934°	88.8883°	0.0000°	0.0000°	1.9544°

28.40 m	23.0293°	87.9411°	0.0000°	0.0000°	1.9368°
27.78 m	22.9322°	86.6926°	0.0000°	0.0000°	1.9133°
27.17 m	22.7992°	85.2093°	0.0000°	0.0000°	1.8851°
26.56 m	22.6282°	83.5444°	0.0000°	0.0000°	1.8531°
25.95 m	22.4185°	81.7408°	0.0000°	0.0000°	1.8179°
25.34 m	22.1699°	79.8333°	0.0000°	0.0000°	1.7803°
25.34 m	22.1699°	79.8333°	0.0000°	0.0000°	1.7803°
24.84 m	21.9576°	78.3282°	0.0000°	0.0000°	1.7503°
24.34 m	21.7220°	76.7031°	0.0000°	0.0000°	1.7178°
23.84 m	21.4639°	74.9383°	0.0000°	0.0000°	1.6825°
23.34 m	21.1838°	73.0587°	0.0000°	0.0000°	1.6448°
22.84 m	20.8824°	71.0853°	0.0000°	0.0000°	1.6051°
22.34 m	20.5605°	69.0363°	0.0000°	0.0000°	1.5638°
21.84 m	20.2188°	66.9272°	0.0000°	0.0000°	1.5210°
21.34 m	19.8580°	64.7714°	0.0000°	0.0000°	1.4771°
20.84 m	19.4790°	62.5803°	0.0000°	0.0000°	1.4322°
20.34 m	19.0822°	60.3636°	0.0000°	0.0000°	1.3866°
20.34 m	19.0822°	60.3636°	0.0000°	0.0000°	1.3866°
19.84 m	18.7431°	58.5333°	0.0000°	0.0000°	1.3487°
19.34 m	18.3914°	56.6993°	0.0000°	0.0000°	1.3106°
18.84 m	18.0277°	54.8665°	0.0000°	0.0000°	1.2722°
18.34 m	17.6527°	53.0390°	0.0000°	0.0000°	1.2338°
17.84 m	17.2670°	51.2204°	0.0000°	0.0000°	1.1953°
17.34 m	16.8710°	49.4136°	0.0000°	0.0000°	1.1569°
16.84 m	16.4653°	47.6212°	0.0000°	0.0000°	1.1185°
16.34 m	16.0504°	45.8451°	0.0000°	0.0000°	1.0803°
15.84 m	15.6268°	44.0871°	0.0000°	0.0000°	1.0422°
15.34 m	15.1948°	42.3487°	0.0000°	0.0000°	1.0043°
15.34 m	15.1948°	42.3487°	0.0000°	0.0000°	1.0043°
14.84 m	14.7149°	40.4744°	0.0000°	0.0000°	0.9632°
14.34 m	14.2273°	38.6256°	0.0000°	0.0000°	0.9225°
13.84 m	13.7325°	36.8028°	0.0000°	0.0000°	0.8820°
13.34 m	13.2310°	35.0068°	0.0000°	0.0000°	0.8419°
12.84 m	12.7232°	33.2377°	0.0000°	0.0000°	0.8022°
12.34 m	12.2095°	31.4960°	0.0000°	0.0000°	0.7628°
11.84 m	11.6903°	29.7816°	0.0000°	0.0000°	0.7238°
11.34 m	11.1661°	28.0946°	0.0000°	0.0000°	0.6852°
10.84 m	10.6370°	26.4350°	0.0000°	0.0000°	0.6470°
10.34 m	10.1035°	24.8027°	0.0000°	0.0000°	0.6092°
10.34 m	10.1035°	24.8027°	0.0000°	0.0000°	0.6092°
9.84 m	9.6352°	23.4044°	0.0000°	0.0000°	0.5766°
9.34 m	9.1640°	22.0312°	0.0000°	0.0000°	0.5445°
8.84 m	8.6904°	20.6827°	0.0000°	0.0000°	0.5127°
8.34 m	8.2145°	19.3587°	0.0000°	0.0000°	0.4812°
7.84 m	7.7365°	18.0587°	0.0000°	0.0000°	0.4502°
7.34 m	7.2567°	16.7823°	0.0000°	0.0000°	0.4196°
6.84 m	6.7753°	15.5290°	0.0000°	0.0000°	0.3893°
6.34 m	6.2926°	14.2985°	0.0000°	0.0000°	0.3594°
5.84 m	5.8089°	13.0902°	0.0000°	0.0000°	0.3299°
5.34 m	5.3245°	11.9039°	0.0000°	0.0000°	0.3007°
5.34 m	5.3245°	11.9039°	0.0000°	0.0000°	0.3007°
4.72 m	4.6692°	10.3324°	0.0000°	0.0000°	0.2618°
4.09 m	4.0153°	8.7990°	0.0000°	0.0000°	0.2237°
3.49 m	3.3409°	7.2494°	0.0000°	0.0000°	0.1848°
3.47 m	3.3122°	7.1841°	0.0000°	0.0000°	0.1832°
2.84 m	2.6630°	5.7235°	0.0000°	0.0000°	0.1464°
2.22 m	2.0170°	4.2976°	0.0000°	0.0000°	0.1102°
1.59 m	1.3273°	2.8032°	0.0000°	0.0000°	0.0721°
1.24 m	0.9392°	1.9736°	0.0000°	0.0000°	0.0508°
0.97 m	0.6345°	1.3280°	0.0000°	0.0000°	0.0343°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

SOUTH WEST WIND

RL	SHAFT θ	AREA θ	POINT θ	LINEAR θ	COMBINED θ
30.84 m	17.3293°	68.6984°	0.0000°	0.0000°	1.5015°
30.23 m	17.3264°	68.6984°	0.0000°	0.0000°	1.5014°
29.62 m	17.3132°	68.5668°	0.0000°	0.0000°	1.4989°
29.49 m	17.3084°	68.5035°	0.0000°	0.0000°	1.4977°
29.01 m	17.2842°	68.1647°	0.0000°	0.0000°	1.4914°
28.40 m	17.2353°	67.5038°	0.0000°	0.0000°	1.4790°
27.78 m	17.1634°	66.6327°	0.0000°	0.0000°	1.4625°
27.17 m	17.0661°	65.5978°	0.0000°	0.0000°	1.4428°
26.56 m	16.9413°	64.4363°	0.0000°	0.0000°	1.4203°
25.95 m	16.7881°	63.1780°	0.0000°	0.0000°	1.3957°
25.34 m	16.6060°	61.8472°	0.0000°	0.0000°	1.3693°
25.34 m	16.6060°	61.8472°	0.0000°	0.0000°	1.3693°
24.84 m	16.4501°	60.7921°	0.0000°	0.0000°	1.3481°
24.34 m	16.2767°	59.6344°	0.0000°	0.0000°	1.3249°
23.84 m	16.0863°	58.3538°	0.0000°	0.0000°	1.2992°
23.34 m	15.8793°	56.9713°	0.0000°	0.0000°	1.2715°
22.84 m	15.6562°	55.5047°	0.0000°	0.0000°	1.2420°
22.34 m	15.4174°	53.9694°	0.0000°	0.0000°	1.2110°
21.84 m	15.1636°	52.3786°	0.0000°	0.0000°	1.1788°
21.34 m	14.8952°	50.7434°	0.0000°	0.0000°	1.1456°
20.84 m	14.6128°	49.0738°	0.0000°	0.0000°	1.1115°
20.34 m	14.3169°	47.3781°	0.0000°	0.0000°	1.0768°
20.34 m	14.3169°	47.3781°	0.0000°	0.0000°	1.0768°
19.84 m	14.0637°	45.9731°	0.0000°	0.0000°	1.0478°
19.34 m	13.8009°	44.5611°	0.0000°	0.0000°	1.0186°
18.84 m	13.5290°	43.1464°	0.0000°	0.0000°	0.9892°
18.34 m	13.2483°	41.7325°	0.0000°	0.0000°	0.9596°
17.84 m	12.9594°	40.3226°	0.0000°	0.0000°	0.9299°
17.34 m	12.6626°	38.9192°	0.0000°	0.0000°	0.9003°
16.84 m	12.3584°	37.5246°	0.0000°	0.0000°	0.8706°
16.34 m	12.0471°	36.1406°	0.0000°	0.0000°	0.8410°
15.84 m	11.7292°	34.7688°	0.0000°	0.0000°	0.8115°
15.34 m	11.4050°	33.4106°	0.0000°	0.0000°	0.7822°
15.34 m	11.4050°	33.4106°	0.0000°	0.0000°	0.7822°
14.84 m	11.0446°	31.9445°	0.0000°	0.0000°	0.7503°
14.34 m	10.6784°	30.4968°	0.0000°	0.0000°	0.7186°

13.84 m	10.3068°	29.0681°	0.0000°	0.0000°	0.6872°
13.34 m	9.9301°	27.6590°	0.0000°	0.0000°	0.6561°
12.84 m	9.5486°	26.2698°	0.0000°	0.0000°	0.6252°
12.34 m	9.1628°	24.9010°	0.0000°	0.0000°	0.5945°
11.84 m	8.7729°	23.5528°	0.0000°	0.0000°	0.5642°
11.34 m	8.3791°	22.2251°	0.0000°	0.0000°	0.5341°
10.84 m	7.9819°	20.9181°	0.0000°	0.0000°	0.5044°
10.34 m	7.5813°	19.6318°	0.0000°	0.0000°	0.4750°
10.34 m	7.5813°	19.6318°	0.0000°	0.0000°	0.4750°
9.84 m	7.2298°	18.5293°	0.0000°	0.0000°	0.4496°
9.34 m	6.8762°	17.4459°	0.0000°	0.0000°	0.4245°
8.84 m	6.5209°	16.3816°	0.0000°	0.0000°	0.3997°
8.34 m	6.1639°	15.3360°	0.0000°	0.0000°	0.3752°
7.84 m	5.8055°	14.3089°	0.0000°	0.0000°	0.3511°
7.34 m	5.4458°	13.2999°	0.0000°	0.0000°	0.3272°
6.84 m	5.0849°	12.3089°	0.0000°	0.0000°	0.3036°
6.34 m	4.7230°	11.3354°	0.0000°	0.0000°	0.2803°
5.84 m	4.3605°	10.3792°	0.0000°	0.0000°	0.2573°
5.34 m	3.9973°	9.4400°	0.0000°	0.0000°	0.2345°
5.34 m	3.9973°	9.4400°	0.0000°	0.0000°	0.2345°
4.72 m	3.5060°	8.1954°	0.0000°	0.0000°	0.2042°
4.09 m	3.0156°	6.9804°	0.0000°	0.0000°	0.1745°
3.49 m	2.5097°	5.7521°	0.0000°	0.0000°	0.1442°
3.47 m	2.4881°	5.7004°	0.0000°	0.0000°	0.1429°
2.84 m	2.0009°	4.5422°	0.0000°	0.0000°	0.1142°
2.22 m	1.5159°	3.4112°	0.0000°	0.0000°	0.0860°
1.59 m	0.9979°	2.2254°	0.0000°	0.0000°	0.0563°
1.24 m	0.7062°	1.5669°	0.0000°	0.0000°	0.0397°
0.97 m	0.4771°	1.0544°	0.0000°	0.0000°	0.0267°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

WEST WIND

RL	SHAFT θ	AREA θ	POINT θ	LINEAR θ	COMBINED θ
30.84 m	15.5738°	61.9726°	0.0000°	0.0000°	1.3534°
30.23 m	15.5711°	61.9726°	0.0000°	0.0000°	1.3534°
29.62 m	15.5584°	61.8591°	0.0000°	0.0000°	1.3512°
29.49 m	15.5538°	61.8046°	0.0000°	0.0000°	1.3502°
29.01 m	15.5306°	61.5123°	0.0000°	0.0000°	1.3447°
28.40 m	15.4836°	60.9423°	0.0000°	0.0000°	1.3339°
27.78 m	15.4150°	60.1910°	0.0000°	0.0000°	1.3196°
27.17 m	15.3232°	59.2984°	0.0000°	0.0000°	1.3024°
26.56 m	15.2069°	58.2966°	0.0000°	0.0000°	1.2829°
25.95 m	15.0650°	57.2114°	0.0000°	0.0000°	1.2615°
25.34 m	14.8972°	56.0637°	0.0000°	0.0000°	1.2385°
25.34 m	14.8972°	56.0637°	0.0000°	0.0000°	1.2385°
24.84 m	14.7538°	55.1515°	0.0000°	0.0000°	1.2201°
24.34 m	14.5948°	54.1424°	0.0000°	0.0000°	1.1997°
23.84 m	14.4205°	53.0161°	0.0000°	0.0000°	1.1770°
23.34 m	14.2312°	51.7922°	0.0000°	0.0000°	1.1523°
22.84 m	14.0274°	50.4876°	0.0000°	0.0000°	1.1260°
22.34 m	13.8096°	49.1166°	0.0000°	0.0000°	1.0983°
21.84 m	13.5782°	47.6917°	0.0000°	0.0000°	1.0694°
21.34 m	13.3338°	46.2235°	0.0000°	0.0000°	1.0395°
20.84 m	13.0769°	44.7211°	0.0000°	0.0000°	1.0088°
20.34 m	12.8079°	43.1925°	0.0000°	0.0000°	0.9774°
20.34 m	12.8079°	43.1925°	0.0000°	0.0000°	0.9774°
19.84 m	12.5779°	41.9241°	0.0000°	0.0000°	0.9512°
19.34 m	12.3393°	40.6476°	0.0000°	0.0000°	0.9248°
18.84 m	12.0926°	39.3672°	0.0000°	0.0000°	0.8981°
18.34 m	11.8381°	38.0863°	0.0000°	0.0000°	0.8713°
17.84 m	11.5763°	36.8078°	0.0000°	0.0000°	0.8445°
17.34 m	11.3076°	35.5342°	0.0000°	0.0000°	0.8175°
16.84 m	11.0323°	34.2676°	0.0000°	0.0000°	0.7906°
16.34 m	10.7508°	33.0098°	0.0000°	0.0000°	0.7638°
15.84 m	10.4635°	31.7624°	0.0000°	0.0000°	0.7370°
15.34 m	10.1707°	30.5266°	0.0000°	0.0000°	0.7103°
15.34 m	10.1707°	30.5266°	0.0000°	0.0000°	0.7103°
14.84 m	9.8455°	29.1920°	0.0000°	0.0000°	0.6813°
14.34 m	9.5152°	27.8735°	0.0000°	0.0000°	0.6526°
13.84 m	9.1802°	26.5718°	0.0000°	0.0000°	0.6240°
13.34 m	8.8409°	25.2874°	0.0000°	0.0000°	0.5957°
12.84 m	8.4976°	24.0207°	0.0000°	0.0000°	0.5676°
12.34 m	8.1506°	22.7722°	0.0000°	0.0000°	0.5397°
11.84 m	7.8001°	21.5420°	0.0000°	0.0000°	0.5121°
11.34 m	7.4465°	20.3302°	0.0000°	0.0000°	0.4848°
10.84 m	7.0899°	19.1369°	0.0000°	0.0000°	0.4577°
10.34 m	6.7307°	17.9623°	0.0000°	0.0000°	0.4310°
10.34 m	6.7307°	17.9623°	0.0000°	0.0000°	0.4310°
9.84 m	6.4156°	16.9551°	0.0000°	0.0000°	0.4079°
9.34 m	6.0989°	15.9653°	0.0000°	0.0000°	0.3851°
8.84 m	5.7809°	14.9927°	0.0000°	0.0000°	0.3626°
8.34 m	5.4618°	14.0369°	0.0000°	0.0000°	0.3403°
7.84 m	5.1417°	13.0979°	0.0000°	0.0000°	0.3183°
7.34 m	4.8209°	12.1753°	0.0000°	0.0000°	0.2966°
6.84 m	4.4994°	11.2689°	0.0000°	0.0000°	0.2752°
6.34 m	4.1775°	10.3784°	0.0000°	0.0000°	0.2540°
5.84 m	3.8553°	9.5036°	0.0000°	0.0000°	0.2332°
5.34 m	3.5330°	8.6441°	0.0000°	0.0000°	0.2125°
5.34 m	3.5330°	8.6441°	0.0000°	0.0000°	0.2125°
4.72 m	3.0974°	7.5051°	0.0000°	0.0000°	0.1850°
4.09 m	2.6631°	6.3930°	0.0000°	0.0000°	0.1581°
3.49 m	2.2155°	5.2685°	0.0000°	0.0000°	0.1306°
3.47 m	2.1964°	5.2211°	0.0000°	0.0000°	0.1295°
2.84 m	1.7658°	4.1606°	0.0000°	0.0000°	0.1034°
2.22 m	1.3373°	3.1248°	0.0000°	0.0000°	0.0779°
1.59 m	0.8800°	2.0387°	0.0000°	0.0000°	0.0509°
1.24 m	0.6227°	1.4355°	0.0000°	0.0000°	0.0359°
0.97 m	0.4206°	0.9660°	0.0000°	0.0000°	0.0242°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

NORTH WEST WIND

RL	SHAFT θ	AREA θ	POINT θ	LINEAR θ	COMBINED θ
30.84 m	17.3604°	70.2411°	0.0000°	0.0000°	1.5289°
30.23 m	17.3575°	70.2411°	0.0000°	0.0000°	1.5289°
29.62 m	17.3442°	70.0976°	0.0000°	0.0000°	1.5261°
29.49 m	17.3394°	70.0287°	0.0000°	0.0000°	1.5249°
29.01 m	17.3150°	69.6598°	0.0000°	0.0000°	1.5180°
28.40 m	17.2657°	68.9402°	0.0000°	0.0000°	1.5046°
27.78 m	17.1933°	67.9917°	0.0000°	0.0000°	1.4868°
27.17 m	17.0951°	66.8648°	0.0000°	0.0000°	1.4654°
26.56 m	16.9693°	65.6000°	0.0000°	0.0000°	1.4411°
25.95 m	16.8146°	64.2298°	0.0000°	0.0000°	1.4145°
25.34 m	16.6308°	62.7807°	0.0000°	0.0000°	1.3860°
25.34 m	16.6308°	62.7807°	0.0000°	0.0000°	1.3860°
24.84 m	16.4733°	61.6356°	0.0000°	0.0000°	1.3633°
24.34 m	16.2982°	60.3927°	0.0000°	0.0000°	1.3385°
23.84 m	16.1058°	59.0349°	0.0000°	0.0000°	1.3115°
23.34 m	15.8966°	57.5822°	0.0000°	0.0000°	1.2824°
22.84 m	15.6711°	56.0519°	0.0000°	0.0000°	1.2518°
22.34 m	15.4299°	54.4587°	0.0000°	0.0000°	1.2198°
21.84 m	15.1734°	52.8150°	0.0000°	0.0000°	1.1866°
21.34 m	14.9022°	51.1319°	0.0000°	0.0000°	1.1525°
20.84 m	14.6170°	49.4184°	0.0000°	0.0000°	1.1176°
20.34 m	14.3182°	47.6827°	0.0000°	0.0000°	1.0821°
20.34 m	14.3182°	47.6827°	0.0000°	0.0000°	1.0821°
19.84 m	14.0625°	46.2478°	0.0000°	0.0000°	1.0526°
19.34 m	13.7972°	44.8087°	0.0000°	0.0000°	1.0229°
18.84 m	13.5227°	43.3691°	0.0000°	0.0000°	0.9929°
18.34 m	13.2394°	41.9327°	0.0000°	0.0000°	0.9629°
17.84 m	12.9479°	40.5022°	0.0000°	0.0000°	0.9329°
17.34 m	12.6486°	39.0801°	0.0000°	0.0000°	0.9028°
16.84 m	12.3419°	37.6684°	0.0000°	0.0000°	0.8728°
16.34 m	12.0281°	36.2689°	0.0000°	0.0000°	0.8429°
15.84 m	11.7078°	34.8831°	0.0000°	0.0000°	0.8132°
15.34 m	11.3811°	33.5120°	0.0000°	0.0000°	0.7835°
15.34 m	11.3811°	33.5120°	0.0000°	0.0000°	0.7835°
14.84 m	11.0182°	32.0332°	0.0000°	0.0000°	0.7514°
14.34 m	10.6496°	30.5739°	0.0000°	0.0000°	0.7195°
13.84 m	10.2757°	29.1348°	0.0000°	0.0000°	0.6878°
13.34 m	9.8968°	27.7163°	0.0000°	0.0000°	0.6565°
12.84 m	9.5133°	26.3186°	0.0000°	0.0000°	0.6254°
12.34 m	9.1255°	24.9422°	0.0000°	0.0000°	0.5946°
11.84 m	8.7338°	23.5870°	0.0000°	0.0000°	0.5641°
11.34 m	8.3385°	22.2532°	0.0000°	0.0000°	0.5339°
10.84 m	7.9398°	20.9407°	0.0000°	0.0000°	0.5041°
10.34 m	7.5380°	19.6495°	0.0000°	0.0000°	0.4745°
10.34 m	7.5380°	19.6495°	0.0000°	0.0000°	0.4745°
9.84 m	7.1855°	18.5432°	0.0000°	0.0000°	0.4490°
9.34 m	6.8311°	17.4566°	0.0000°	0.0000°	0.4239°
8.84 m	6.4752°	16.3893°	0.0000°	0.0000°	0.3991°
8.34 m	6.1179°	15.3412°	0.0000°	0.0000°	0.3745°
7.84 m	5.7595°	14.3120°	0.0000°	0.0000°	0.3503°
7.34 m	5.4002°	13.3012°	0.0000°	0.0000°	0.3264°
6.84 m	5.0401°	12.3087°	0.0000°	0.0000°	0.3028°
6.34 m	4.6794°	11.3340°	0.0000°	0.0000°	0.2795°
5.84 m	4.3185°	10.3768°	0.0000°	0.0000°	0.2565°
5.34 m	3.9574°	9.4369°	0.0000°	0.0000°	0.2338°
5.34 m	3.9574°	9.4369°	0.0000°	0.0000°	0.2338°
4.72 m	3.4694°	8.1916°	0.0000°	0.0000°	0.2035°
4.09 m	2.9828°	6.9764°	0.0000°	0.0000°	0.1738°
3.49 m	2.4813°	5.7482°	0.0000°	0.0000°	0.1436°
3.47 m	2.4600°	5.6964°	0.0000°	0.0000°	0.1424°
2.84 m	1.9776°	4.5385°	0.0000°	0.0000°	0.1137°
2.22 m	1.4977°	3.4080°	0.0000°	0.0000°	0.0856°
1.59 m	0.9855°	2.2231°	0.0000°	0.0000°	0.0560°
1.24 m	0.6973°	1.5652°	0.0000°	0.0000°	0.0395°
0.97 m	0.4711°	1.0532°	0.0000°	0.0000°	0.0266°
0.34 m	0.0000°	0.0000°	0.0000°	0.0000°	0.0000°

----- DEFLECTION (δ) -----

• Analysis includes second-order (P-Δ) effects.

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2512 m	0.7644 m	0.0000 m	0.0000 m	1.0156 m
30.23 m	0.2429 m	0.7338 m	0.0000 m	0.0000 m	0.9767 m
29.62 m	0.2346 m	0.7033 m	0.0000 m	0.0000 m	0.9379 m
29.49 m	0.2329 m	0.6969 m	0.0000 m	0.0000 m	0.9298 m
29.01 m	0.2263 m	0.6729 m	0.0000 m	0.0000 m	0.8992 m
28.40 m	0.2181 m	0.6427 m	0.0000 m	0.0000 m	0.8608 m
27.78 m	0.2099 m	0.6129 m	0.0000 m	0.0000 m	0.8228 m
27.17 m	0.2017 m	0.5836 m	0.0000 m	0.0000 m	0.7853 m
26.56 m	0.1936 m	0.5548 m	0.0000 m	0.0000 m	0.7484 m
25.95 m	0.1855 m	0.5267 m	0.0000 m	0.0000 m	0.7122 m
25.34 m	0.1776 m	0.4991 m	0.0000 m	0.0000 m	0.6767 m
25.34 m	0.1776 m	0.4991 m	0.0000 m	0.0000 m	0.6767 m
24.84 m	0.1711 m	0.4771 m	0.0000 m	0.0000 m	0.6482 m
24.34 m	0.1648 m	0.4555 m	0.0000 m	0.0000 m	0.6202 m
23.84 m	0.1585 m	0.4344 m	0.0000 m	0.0000 m	0.5928 m
23.34 m	0.1522 m	0.4137 m	0.0000 m	0.0000 m	0.5660 m
22.84 m	0.1461 m	0.3937 m	0.0000 m	0.0000 m	0.5398 m
22.34 m	0.1401 m	0.3742 m	0.0000 m	0.0000 m	0.5142 m
21.84 m	0.1341 m	0.3552 m	0.0000 m	0.0000 m	0.4893 m
21.34 m	0.1283 m	0.3369 m	0.0000 m	0.0000 m	0.4652 m
20.84 m	0.1226 m	0.3192 m	0.0000 m	0.0000 m	0.4417 m
20.34 m	0.1169 m	0.3020 m	0.0000 m	0.0000 m	0.4190 m

20.34 m	0.1169 m	0.3020 m	0.0000 m	0.0000 m	0.4190 m
19.84 m	0.1114 m	0.2855 m	0.0000 m	0.0000 m	0.3969 m
19.34 m	0.1060 m	0.2695 m	0.0000 m	0.0000 m	0.3755 m
18.84 m	0.1007 m	0.2539 m	0.0000 m	0.0000 m	0.3547 m
18.34 m	0.0956 m	0.2389 m	0.0000 m	0.0000 m	0.3345 m
17.84 m	0.0905 m	0.2244 m	0.0000 m	0.0000 m	0.3149 m
17.34 m	0.0855 m	0.2104 m	0.0000 m	0.0000 m	0.2959 m
16.84 m	0.0807 m	0.1969 m	0.0000 m	0.0000 m	0.2776 m
16.34 m	0.0759 m	0.1839 m	0.0000 m	0.0000 m	0.2599 m
15.84 m	0.0713 m	0.1714 m	0.0000 m	0.0000 m	0.2427 m
15.34 m	0.0669 m	0.1594 m	0.0000 m	0.0000 m	0.2262 m
15.34 m	0.0669 m	0.1594 m	0.0000 m	0.0000 m	0.2262 m
14.84 m	0.0625 m	0.1479 m	0.0000 m	0.0000 m	0.2104 m
14.34 m	0.0583 m	0.1368 m	0.0000 m	0.0000 m	0.1952 m
13.84 m	0.0543 m	0.1264 m	0.0000 m	0.0000 m	0.1806 m
13.34 m	0.0504 m	0.1164 m	0.0000 m	0.0000 m	0.1667 m
12.84 m	0.0466 m	0.1069 m	0.0000 m	0.0000 m	0.1535 m
12.34 m	0.0430 m	0.0979 m	0.0000 m	0.0000 m	0.1409 m
11.84 m	0.0395 m	0.0894 m	0.0000 m	0.0000 m	0.1289 m
11.34 m	0.0362 m	0.0813 m	0.0000 m	0.0000 m	0.1175 m
10.84 m	0.0331 m	0.0737 m	0.0000 m	0.0000 m	0.1068 m
10.34 m	0.0301 m	0.0666 m	0.0000 m	0.0000 m	0.0967 m
10.34 m	0.0301 m	0.0666 m	0.0000 m	0.0000 m	0.0967 m
9.84 m	0.0272 m	0.0599 m	0.0000 m	0.0000 m	0.0871 m
9.34 m	0.0245 m	0.0536 m	0.0000 m	0.0000 m	0.0781 m
8.84 m	0.0219 m	0.0477 m	0.0000 m	0.0000 m	0.0695 m
8.34 m	0.0194 m	0.0421 m	0.0000 m	0.0000 m	0.0615 m
7.84 m	0.0171 m	0.0369 m	0.0000 m	0.0000 m	0.0540 m
7.34 m	0.0150 m	0.0320 m	0.0000 m	0.0000 m	0.0470 m
6.84 m	0.0129 m	0.0276 m	0.0000 m	0.0000 m	0.0405 m
6.34 m	0.0111 m	0.0234 m	0.0000 m	0.0000 m	0.0345 m
5.84 m	0.0093 m	0.0196 m	0.0000 m	0.0000 m	0.0289 m
5.34 m	0.0077 m	0.0161 m	0.0000 m	0.0000 m	0.0238 m
5.34 m	0.0077 m	0.0161 m	0.0000 m	0.0000 m	0.0238 m
4.72 m	0.0059 m	0.0123 m	0.0000 m	0.0000 m	0.0182 m
4.09 m	0.0043 m	0.0089 m	0.0000 m	0.0000 m	0.0133 m
3.49 m	0.0030 m	0.0063 m	0.0000 m	0.0000 m	0.0093 m
3.47 m	0.0030 m	0.0062 m	0.0000 m	0.0000 m	0.0092 m
2.84 m	0.0019 m	0.0039 m	0.0000 m	0.0000 m	0.0058 m
2.22 m	0.0011 m	0.0022 m	0.0000 m	0.0000 m	0.0033 m
1.59 m	0.0005 m	0.0009 m	0.0000 m	0.0000 m	0.0014 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0007 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

NORTH EAST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2345 m	0.7149 m	0.0000 m	0.0000 m	0.9495 m
30.23 m	0.2268 m	0.6869 m	0.0000 m	0.0000 m	0.9137 m
29.62 m	0.2191 m	0.6589 m	0.0000 m	0.0000 m	0.8780 m
29.49 m	0.2175 m	0.6531 m	0.0000 m	0.0000 m	0.8705 m
29.01 m	0.2114 m	0.6310 m	0.0000 m	0.0000 m	0.8424 m
28.40 m	0.2037 m	0.6033 m	0.0000 m	0.0000 m	0.8070 m
27.78 m	0.1960 m	0.5760 m	0.0000 m	0.0000 m	0.7720 m
27.17 m	0.1884 m	0.5490 m	0.0000 m	0.0000 m	0.7374 m
26.56 m	0.1808 m	0.5225 m	0.0000 m	0.0000 m	0.7033 m
25.95 m	0.1733 m	0.4964 m	0.0000 m	0.0000 m	0.6697 m
25.34 m	0.1659 m	0.4709 m	0.0000 m	0.0000 m	0.6368 m
25.34 m	0.1659 m	0.4709 m	0.0000 m	0.0000 m	0.6368 m
24.84 m	0.1599 m	0.4504 m	0.0000 m	0.0000 m	0.6103 m
24.34 m	0.1539 m	0.4303 m	0.0000 m	0.0000 m	0.5842 m
23.84 m	0.1480 m	0.4106 m	0.0000 m	0.0000 m	0.5586 m
23.34 m	0.1422 m	0.3913 m	0.0000 m	0.0000 m	0.5336 m
22.84 m	0.1365 m	0.3725 m	0.0000 m	0.0000 m	0.5090 m
22.34 m	0.1309 m	0.3543 m	0.0000 m	0.0000 m	0.4851 m
21.84 m	0.1253 m	0.3365 m	0.0000 m	0.0000 m	0.4618 m
21.34 m	0.1199 m	0.3193 m	0.0000 m	0.0000 m	0.4391 m
20.84 m	0.1145 m	0.3026 m	0.0000 m	0.0000 m	0.4171 m
20.34 m	0.1093 m	0.2865 m	0.0000 m	0.0000 m	0.3957 m
20.34 m	0.1093 m	0.2865 m	0.0000 m	0.0000 m	0.3957 m
19.84 m	0.1041 m	0.2709 m	0.0000 m	0.0000 m	0.3750 m
19.34 m	0.0991 m	0.2557 m	0.0000 m	0.0000 m	0.3548 m
18.84 m	0.0941 m	0.2411 m	0.0000 m	0.0000 m	0.3352 m
18.34 m	0.0893 m	0.2269 m	0.0000 m	0.0000 m	0.3162 m
17.84 m	0.0846 m	0.2132 m	0.0000 m	0.0000 m	0.2977 m
17.34 m	0.0799 m	0.1999 m	0.0000 m	0.0000 m	0.2799 m
16.84 m	0.0754 m	0.1871 m	0.0000 m	0.0000 m	0.2626 m
16.34 m	0.0710 m	0.1748 m	0.0000 m	0.0000 m	0.2458 m
15.84 m	0.0667 m	0.1630 m	0.0000 m	0.0000 m	0.2297 m
15.34 m	0.0625 m	0.1516 m	0.0000 m	0.0000 m	0.2141 m
15.34 m	0.0625 m	0.1516 m	0.0000 m	0.0000 m	0.2141 m
14.84 m	0.0585 m	0.1407 m	0.0000 m	0.0000 m	0.1991 m
14.34 m	0.0545 m	0.1302 m	0.0000 m	0.0000 m	0.1848 m
13.84 m	0.0508 m	0.1203 m	0.0000 m	0.0000 m	0.1710 m
13.34 m	0.0471 m	0.1108 m	0.0000 m	0.0000 m	0.1579 m
12.84 m	0.0436 m	0.1018 m	0.0000 m	0.0000 m	0.1454 m
12.34 m	0.0402 m	0.0932 m	0.0000 m	0.0000 m	0.1334 m
11.84 m	0.0370 m	0.0851 m	0.0000 m	0.0000 m	0.1221 m
11.34 m	0.0339 m	0.0775 m	0.0000 m	0.0000 m	0.1114 m
10.84 m	0.0309 m	0.0703 m	0.0000 m	0.0000 m	0.1012 m
10.34 m	0.0281 m	0.0635 m	0.0000 m	0.0000 m	0.0916 m
10.34 m	0.0281 m	0.0635 m	0.0000 m	0.0000 m	0.0916 m
9.84 m	0.0255 m	0.0571 m	0.0000 m	0.0000 m	0.0826 m
9.34 m	0.0229 m	0.0511 m	0.0000 m	0.0000 m	0.0740 m
8.84 m	0.0205 m	0.0454 m	0.0000 m	0.0000 m	0.0659 m
8.34 m	0.0182 m	0.0401 m	0.0000 m	0.0000 m	0.0583 m
7.84 m	0.0160 m	0.0352 m	0.0000 m	0.0000 m	0.0512 m
7.34 m	0.0140 m	0.0306 m	0.0000 m	0.0000 m	0.0446 m
6.84 m	0.0121 m	0.0263 m	0.0000 m	0.0000 m	0.0384 m
6.34 m	0.0104 m	0.0223 m	0.0000 m	0.0000 m	0.0327 m

5.84 m	0.0087 m	0.0187 m	0.0000 m	0.0000 m	0.0274 m
5.34 m	0.0072 m	0.0154 m	0.0000 m	0.0000 m	0.0226 m
5.34 m	0.0072 m	0.0154 m	0.0000 m	0.0000 m	0.0226 m
4.72 m	0.0055 m	0.0117 m	0.0000 m	0.0000 m	0.0172 m
4.09 m	0.0041 m	0.0085 m	0.0000 m	0.0000 m	0.0126 m
3.49 m	0.0029 m	0.0060 m	0.0000 m	0.0000 m	0.0088 m
3.47 m	0.0028 m	0.0059 m	0.0000 m	0.0000 m	0.0087 m
2.84 m	0.0018 m	0.0037 m	0.0000 m	0.0000 m	0.0055 m
2.22 m	0.0010 m	0.0021 m	0.0000 m	0.0000 m	0.0031 m
1.59 m	0.0004 m	0.0009 m	0.0000 m	0.0000 m	0.0013 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0007 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

EAST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2997 m	0.8847 m	0.0000 m	0.0000 m	1.1844 m
30.23 m	0.2899 m	0.8503 m	0.0000 m	0.0000 m	1.1402 m
29.62 m	0.2800 m	0.8160 m	0.0000 m	0.0000 m	1.0960 m
29.49 m	0.2780 m	0.8088 m	0.0000 m	0.0000 m	1.0868 m
29.01 m	0.2702 m	0.7818 m	0.0000 m	0.0000 m	1.0520 m
28.40 m	0.2604 m	0.7478 m	0.0000 m	0.0000 m	1.0083 m
27.78 m	0.2507 m	0.7143 m	0.0000 m	0.0000 m	0.9649 m
27.17 m	0.2410 m	0.6811 m	0.0000 m	0.0000 m	0.9221 m
26.56 m	0.2313 m	0.6485 m	0.0000 m	0.0000 m	0.8798 m
25.95 m	0.2218 m	0.6164 m	0.0000 m	0.0000 m	0.8382 m
25.34 m	0.2123 m	0.5850 m	0.0000 m	0.0000 m	0.7973 m
25.34 m	0.2123 m	0.5850 m	0.0000 m	0.0000 m	0.7973 m
24.84 m	0.2047 m	0.5597 m	0.0000 m	0.0000 m	0.7644 m
24.34 m	0.1971 m	0.5349 m	0.0000 m	0.0000 m	0.7320 m
23.84 m	0.1896 m	0.5105 m	0.0000 m	0.0000 m	0.7001 m
23.34 m	0.1822 m	0.4867 m	0.0000 m	0.0000 m	0.6689 m
22.84 m	0.1749 m	0.4634 m	0.0000 m	0.0000 m	0.6384 m
22.34 m	0.1678 m	0.4408 m	0.0000 m	0.0000 m	0.6085 m
21.84 m	0.1607 m	0.4188 m	0.0000 m	0.0000 m	0.5794 m
21.34 m	0.1537 m	0.3974 m	0.0000 m	0.0000 m	0.5511 m
20.84 m	0.1469 m	0.3767 m	0.0000 m	0.0000 m	0.5236 m
20.34 m	0.1402 m	0.3567 m	0.0000 m	0.0000 m	0.4969 m
20.34 m	0.1402 m	0.3567 m	0.0000 m	0.0000 m	0.4969 m
19.84 m	0.1337 m	0.3373 m	0.0000 m	0.0000 m	0.4710 m
19.34 m	0.1272 m	0.3185 m	0.0000 m	0.0000 m	0.4457 m
18.84 m	0.1209 m	0.3003 m	0.0000 m	0.0000 m	0.4212 m
18.34 m	0.1147 m	0.2827 m	0.0000 m	0.0000 m	0.3974 m
17.84 m	0.1087 m	0.2656 m	0.0000 m	0.0000 m	0.3743 m
17.34 m	0.1027 m	0.2491 m	0.0000 m	0.0000 m	0.3519 m
16.84 m	0.0970 m	0.2332 m	0.0000 m	0.0000 m	0.3302 m
16.34 m	0.0913 m	0.2179 m	0.0000 m	0.0000 m	0.3092 m
15.84 m	0.0858 m	0.2032 m	0.0000 m	0.0000 m	0.2890 m
15.34 m	0.0805 m	0.1890 m	0.0000 m	0.0000 m	0.2695 m
15.34 m	0.0805 m	0.1890 m	0.0000 m	0.0000 m	0.2695 m
14.84 m	0.0753 m	0.1754 m	0.0000 m	0.0000 m	0.2507 m
14.34 m	0.0703 m	0.1624 m	0.0000 m	0.0000 m	0.2326 m
13.84 m	0.0654 m	0.1500 m	0.0000 m	0.0000 m	0.2154 m
13.34 m	0.0607 m	0.1382 m	0.0000 m	0.0000 m	0.1989 m
12.84 m	0.0562 m	0.1269 m	0.0000 m	0.0000 m	0.1832 m
12.34 m	0.0519 m	0.1163 m	0.0000 m	0.0000 m	0.1682 m
11.84 m	0.0477 m	0.1062 m	0.0000 m	0.0000 m	0.1539 m
11.34 m	0.0437 m	0.0967 m	0.0000 m	0.0000 m	0.1404 m
10.84 m	0.0399 m	0.0877 m	0.0000 m	0.0000 m	0.1276 m
10.34 m	0.0363 m	0.0792 m	0.0000 m	0.0000 m	0.1156 m
10.34 m	0.0363 m	0.0792 m	0.0000 m	0.0000 m	0.1156 m
9.84 m	0.0329 m	0.0713 m	0.0000 m	0.0000 m	0.1042 m
9.34 m	0.0296 m	0.0638 m	0.0000 m	0.0000 m	0.0934 m
8.84 m	0.0265 m	0.0567 m	0.0000 m	0.0000 m	0.0832 m
8.34 m	0.0236 m	0.0501 m	0.0000 m	0.0000 m	0.0737 m
7.84 m	0.0208 m	0.0439 m	0.0000 m	0.0000 m	0.0647 m
7.34 m	0.0182 m	0.0382 m	0.0000 m	0.0000 m	0.0563 m
6.84 m	0.0157 m	0.0328 m	0.0000 m	0.0000 m	0.0485 m
6.34 m	0.0134 m	0.0279 m	0.0000 m	0.0000 m	0.0413 m
5.84 m	0.0113 m	0.0234 m	0.0000 m	0.0000 m	0.0347 m
5.34 m	0.0094 m	0.0192 m	0.0000 m	0.0000 m	0.0286 m
5.34 m	0.0094 m	0.0192 m	0.0000 m	0.0000 m	0.0286 m
4.72 m	0.0072 m	0.0146 m	0.0000 m	0.0000 m	0.0218 m
4.09 m	0.0053 m	0.0107 m	0.0000 m	0.0000 m	0.0159 m
3.49 m	0.0037 m	0.0075 m	0.0000 m	0.0000 m	0.0112 m
3.47 m	0.0037 m	0.0074 m	0.0000 m	0.0000 m	0.0110 m
2.84 m	0.0023 m	0.0047 m	0.0000 m	0.0000 m	0.0070 m
2.22 m	0.0013 m	0.0026 m	0.0000 m	0.0000 m	0.0039 m
1.59 m	0.0006 m	0.0011 m	0.0000 m	0.0000 m	0.0017 m
1.24 m	0.0003 m	0.0006 m	0.0000 m	0.0000 m	0.0009 m
0.97 m	0.0001 m	0.0003 m	0.0000 m	0.0000 m	0.0004 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH EAST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.4178 m	1.2271 m	0.0000 m	0.0000 m	1.6448 m
30.23 m	0.4040 m	1.1785 m	0.0000 m	0.0000 m	1.5825 m
29.62 m	0.3903 m	1.1299 m	0.0000 m	0.0000 m	1.5202 m
29.49 m	0.3874 m	1.1198 m	0.0000 m	0.0000 m	1.5072 m
29.01 m	0.3766 m	1.0815 m	0.0000 m	0.0000 m	1.4581 m
28.40 m	0.3629 m	1.0336 m	0.0000 m	0.0000 m	1.3965 m
27.78 m	0.3493 m	0.9862 m	0.0000 m	0.0000 m	1.3355 m
27.17 m	0.3358 m	0.9395 m	0.0000 m	0.0000 m	1.2752 m
26.56 m	0.3223 m	0.8936 m	0.0000 m	0.0000 m	1.2159 m
25.95 m	0.3090 m	0.8486 m	0.0000 m	0.0000 m	1.1576 m
25.34 m	0.2958 m	0.8046 m	0.0000 m	0.0000 m	1.1004 m
25.34 m	0.2958 m	0.8046 m	0.0000 m	0.0000 m	1.1004 m
24.84 m	0.2851 m	0.7694 m	0.0000 m	0.0000 m	1.0544 m
24.34 m	0.2745 m	0.7348 m	0.0000 m	0.0000 m	1.0092 m

23.84 m	0.2640 m	0.7009 m	0.0000 m	0.0000 m	0.9649 m
23.34 m	0.2537 m	0.6678 m	0.0000 m	0.0000 m	0.9215 m
22.84 m	0.2435 m	0.6356 m	0.0000 m	0.0000 m	0.8791 m
22.34 m	0.2335 m	0.6042 m	0.0000 m	0.0000 m	0.8377 m
21.84 m	0.2236 m	0.5738 m	0.0000 m	0.0000 m	0.7974 m
21.34 m	0.2139 m	0.5443 m	0.0000 m	0.0000 m	0.7582 m
20.84 m	0.2044 m	0.5157 m	0.0000 m	0.0000 m	0.7201 m
20.34 m	0.1951 m	0.4882 m	0.0000 m	0.0000 m	0.6832 m
20.34 m	0.1951 m	0.4882 m	0.0000 m	0.0000 m	0.6832 m
19.84 m	0.1859 m	0.4615 m	0.0000 m	0.0000 m	0.6474 m
19.34 m	0.1769 m	0.4356 m	0.0000 m	0.0000 m	0.6126 m
18.84 m	0.1681 m	0.4106 m	0.0000 m	0.0000 m	0.5787 m
18.34 m	0.1595 m	0.3864 m	0.0000 m	0.0000 m	0.5459 m
17.84 m	0.1511 m	0.3630 m	0.0000 m	0.0000 m	0.5140 m
17.34 m	0.1428 m	0.3404 m	0.0000 m	0.0000 m	0.4832 m
16.84 m	0.1347 m	0.3186 m	0.0000 m	0.0000 m	0.4533 m
16.34 m	0.1269 m	0.2976 m	0.0000 m	0.0000 m	0.4244 m
15.84 m	0.1192 m	0.2774 m	0.0000 m	0.0000 m	0.3966 m
15.34 m	0.1118 m	0.2579 m	0.0000 m	0.0000 m	0.3697 m
15.34 m	0.1118 m	0.2579 m	0.0000 m	0.0000 m	0.3697 m
14.84 m	0.1045 m	0.2393 m	0.0000 m	0.0000 m	0.3438 m
14.34 m	0.0975 m	0.2215 m	0.0000 m	0.0000 m	0.3191 m
13.84 m	0.0908 m	0.2046 m	0.0000 m	0.0000 m	0.2953 m
13.34 m	0.0842 m	0.1884 m	0.0000 m	0.0000 m	0.2727 m
12.84 m	0.0780 m	0.1731 m	0.0000 m	0.0000 m	0.2510 m
12.34 m	0.0719 m	0.1585 m	0.0000 m	0.0000 m	0.2304 m
11.84 m	0.0661 m	0.1447 m	0.0000 m	0.0000 m	0.2109 m
11.34 m	0.0606 m	0.1317 m	0.0000 m	0.0000 m	0.1923 m
10.84 m	0.0553 m	0.1194 m	0.0000 m	0.0000 m	0.1748 m
10.34 m	0.0503 m	0.1079 m	0.0000 m	0.0000 m	0.1582 m
10.34 m	0.0503 m	0.1079 m	0.0000 m	0.0000 m	0.1582 m
9.84 m	0.0455 m	0.0971 m	0.0000 m	0.0000 m	0.1426 m
9.34 m	0.0410 m	0.0868 m	0.0000 m	0.0000 m	0.1278 m
8.84 m	0.0367 m	0.0772 m	0.0000 m	0.0000 m	0.1139 m
8.34 m	0.0326 m	0.0682 m	0.0000 m	0.0000 m	0.1008 m
7.84 m	0.0287 m	0.0598 m	0.0000 m	0.0000 m	0.0885 m
7.34 m	0.0251 m	0.0519 m	0.0000 m	0.0000 m	0.0770 m
6.84 m	0.0217 m	0.0447 m	0.0000 m	0.0000 m	0.0664 m
6.34 m	0.0185 m	0.0379 m	0.0000 m	0.0000 m	0.0565 m
5.84 m	0.0156 m	0.0318 m	0.0000 m	0.0000 m	0.0474 m
5.34 m	0.0129 m	0.0261 m	0.0000 m	0.0000 m	0.0391 m
5.34 m	0.0129 m	0.0261 m	0.0000 m	0.0000 m	0.0391 m
4.72 m	0.0099 m	0.0199 m	0.0000 m	0.0000 m	0.0298 m
4.09 m	0.0072 m	0.0145 m	0.0000 m	0.0000 m	0.0217 m
3.49 m	0.0051 m	0.0102 m	0.0000 m	0.0000 m	0.0153 m
3.47 m	0.0050 m	0.0100 m	0.0000 m	0.0000 m	0.0150 m
2.84 m	0.0032 m	0.0064 m	0.0000 m	0.0000 m	0.0096 m
2.22 m	0.0018 m	0.0035 m	0.0000 m	0.0000 m	0.0053 m
1.59 m	0.0008 m	0.0015 m	0.0000 m	0.0000 m	0.0023 m
1.24 m	0.0004 m	0.0008 m	0.0000 m	0.0000 m	0.0012 m
0.97 m	0.0002 m	0.0004 m	0.0000 m	0.0000 m	0.0006 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.3368 m	1.0165 m	0.0000 m	0.0000 m	1.3532 m
30.23 m	0.3257 m	0.9759 m	0.0000 m	0.0000 m	1.3016 m
29.62 m	0.3146 m	0.9353 m	0.0000 m	0.0000 m	1.2499 m
29.49 m	0.3123 m	0.9268 m	0.0000 m	0.0000 m	1.2391 m
29.01 m	0.3035 m	0.8949 m	0.0000 m	0.0000 m	1.1984 m
28.40 m	0.2925 m	0.8549 m	0.0000 m	0.0000 m	1.1474 m
27.78 m	0.2815 m	0.8153 m	0.0000 m	0.0000 m	1.0968 m
27.17 m	0.2705 m	0.7764 m	0.0000 m	0.0000 m	1.0469 m
26.56 m	0.2596 m	0.7382 m	0.0000 m	0.0000 m	0.9979 m
25.95 m	0.2489 m	0.7008 m	0.0000 m	0.0000 m	0.9497 m
25.34 m	0.2382 m	0.6642 m	0.0000 m	0.0000 m	0.9024 m
25.34 m	0.2382 m	0.6642 m	0.0000 m	0.0000 m	0.9024 m
24.84 m	0.2296 m	0.6349 m	0.0000 m	0.0000 m	0.8645 m
24.34 m	0.2210 m	0.6062 m	0.0000 m	0.0000 m	0.8272 m
23.84 m	0.2126 m	0.5781 m	0.0000 m	0.0000 m	0.7907 m
23.34 m	0.2042 m	0.5507 m	0.0000 m	0.0000 m	0.7549 m
22.84 m	0.1960 m	0.5240 m	0.0000 m	0.0000 m	0.7200 m
22.34 m	0.1879 m	0.4981 m	0.0000 m	0.0000 m	0.6860 m
21.84 m	0.1800 m	0.4729 m	0.0000 m	0.0000 m	0.6528 m
21.34 m	0.1721 m	0.4485 m	0.0000 m	0.0000 m	0.6206 m
20.84 m	0.1644 m	0.4249 m	0.0000 m	0.0000 m	0.5893 m
20.34 m	0.1569 m	0.4021 m	0.0000 m	0.0000 m	0.5590 m
20.34 m	0.1569 m	0.4021 m	0.0000 m	0.0000 m	0.5590 m
19.84 m	0.1495 m	0.3801 m	0.0000 m	0.0000 m	0.5296 m
19.34 m	0.1423 m	0.3588 m	0.0000 m	0.0000 m	0.5011 m
18.84 m	0.1352 m	0.3381 m	0.0000 m	0.0000 m	0.4733 m
18.34 m	0.1282 m	0.3181 m	0.0000 m	0.0000 m	0.4464 m
17.84 m	0.1214 m	0.2988 m	0.0000 m	0.0000 m	0.4202 m
17.34 m	0.1148 m	0.2802 m	0.0000 m	0.0000 m	0.3949 m
16.84 m	0.1083 m	0.2622 m	0.0000 m	0.0000 m	0.3705 m
16.34 m	0.1019 m	0.2449 m	0.0000 m	0.0000 m	0.3468 m
15.84 m	0.0958 m	0.2282 m	0.0000 m	0.0000 m	0.3240 m
15.34 m	0.0898 m	0.2122 m	0.0000 m	0.0000 m	0.3020 m
15.34 m	0.0898 m	0.2122 m	0.0000 m	0.0000 m	0.3020 m
14.84 m	0.0839 m	0.1969 m	0.0000 m	0.0000 m	0.2808 m
14.34 m	0.0783 m	0.1822 m	0.0000 m	0.0000 m	0.2606 m
13.84 m	0.0729 m	0.1683 m	0.0000 m	0.0000 m	0.2412 m
13.34 m	0.0676 m	0.1550 m	0.0000 m	0.0000 m	0.2226 m
12.84 m	0.0626 m	0.1423 m	0.0000 m	0.0000 m	0.2049 m
12.34 m	0.0577 m	0.1304 m	0.0000 m	0.0000 m	0.1881 m
11.84 m	0.0531 m	0.1190 m	0.0000 m	0.0000 m	0.1721 m
11.34 m	0.0486 m	0.1083 m	0.0000 m	0.0000 m	0.1569 m
10.84 m	0.0444 m	0.0982 m	0.0000 m	0.0000 m	0.1426 m
10.34 m	0.0404 m	0.0887 m	0.0000 m	0.0000 m	0.1291 m
10.34 m	0.0404 m	0.0887 m	0.0000 m	0.0000 m	0.1291 m

9.84 m	0.0365 m	0.0798 m	0.0000 m	0.0000 m	0.1163 m
9.34 m	0.0329 m	0.0714 m	0.0000 m	0.0000 m	0.1043 m
8.84 m	0.0294 m	0.0635 m	0.0000 m	0.0000 m	0.0929 m
8.34 m	0.0261 m	0.0561 m	0.0000 m	0.0000 m	0.0822 m
7.84 m	0.0230 m	0.0491 m	0.0000 m	0.0000 m	0.0722 m
7.34 m	0.0201 m	0.0427 m	0.0000 m	0.0000 m	0.0628 m
6.84 m	0.0174 m	0.0367 m	0.0000 m	0.0000 m	0.0541 m
6.34 m	0.0148 m	0.0312 m	0.0000 m	0.0000 m	0.0460 m
5.84 m	0.0125 m	0.0261 m	0.0000 m	0.0000 m	0.0386 m
5.34 m	0.0103 m	0.0215 m	0.0000 m	0.0000 m	0.0318 m
5.34 m	0.0103 m	0.0215 m	0.0000 m	0.0000 m	0.0318 m
4.72 m	0.0079 m	0.0163 m	0.0000 m	0.0000 m	0.0242 m
4.09 m	0.0058 m	0.0119 m	0.0000 m	0.0000 m	0.0177 m
3.49 m	0.0041 m	0.0083 m	0.0000 m	0.0000 m	0.0124 m
3.47 m	0.0040 m	0.0082 m	0.0000 m	0.0000 m	0.0122 m
2.84 m	0.0026 m	0.0052 m	0.0000 m	0.0000 m	0.0078 m
2.22 m	0.0014 m	0.0029 m	0.0000 m	0.0000 m	0.0043 m
1.59 m	0.0006 m	0.0013 m	0.0000 m	0.0000 m	0.0019 m
1.24 m	0.0003 m	0.0006 m	0.0000 m	0.0000 m	0.0010 m
0.97 m	0.0002 m	0.0003 m	0.0000 m	0.0000 m	0.0005 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH WEST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2602 m	0.7997 m	0.0000 m	0.0000 m	1.0599 m
30.23 m	0.2516 m	0.7683 m	0.0000 m	0.0000 m	1.0199 m
29.62 m	0.2430 m	0.7370 m	0.0000 m	0.0000 m	0.9800 m
29.49 m	0.2412 m	0.7304 m	0.0000 m	0.0000 m	0.9716 m
29.01 m	0.2344 m	0.7057 m	0.0000 m	0.0000 m	0.9401 m
28.40 m	0.2258 m	0.6748 m	0.0000 m	0.0000 m	0.9006 m
27.78 m	0.2173 m	0.6441 m	0.0000 m	0.0000 m	0.8614 m
27.17 m	0.2088 m	0.6139 m	0.0000 m	0.0000 m	0.8227 m
26.56 m	0.2004 m	0.5842 m	0.0000 m	0.0000 m	0.7846 m
25.95 m	0.1921 m	0.5551 m	0.0000 m	0.0000 m	0.7471 m
25.34 m	0.1838 m	0.5265 m	0.0000 m	0.0000 m	0.7103 m
25.34 m	0.1838 m	0.5265 m	0.0000 m	0.0000 m	0.7103 m
24.84 m	0.1771 m	0.5036 m	0.0000 m	0.0000 m	0.6807 m
24.34 m	0.1705 m	0.4811 m	0.0000 m	0.0000 m	0.6516 m
23.84 m	0.1640 m	0.4590 m	0.0000 m	0.0000 m	0.6230 m
23.34 m	0.1575 m	0.4375 m	0.0000 m	0.0000 m	0.5950 m
22.84 m	0.1512 m	0.4164 m	0.0000 m	0.0000 m	0.5676 m
22.34 m	0.1449 m	0.3960 m	0.0000 m	0.0000 m	0.5409 m
21.84 m	0.1387 m	0.3761 m	0.0000 m	0.0000 m	0.5148 m
21.34 m	0.1327 m	0.3568 m	0.0000 m	0.0000 m	0.4895 m
20.84 m	0.1267 m	0.3382 m	0.0000 m	0.0000 m	0.4649 m
20.34 m	0.1209 m	0.3202 m	0.0000 m	0.0000 m	0.4411 m
20.34 m	0.1209 m	0.3202 m	0.0000 m	0.0000 m	0.4411 m
19.84 m	0.1152 m	0.3027 m	0.0000 m	0.0000 m	0.4180 m
19.34 m	0.1096 m	0.2858 m	0.0000 m	0.0000 m	0.3954 m
18.84 m	0.1041 m	0.2694 m	0.0000 m	0.0000 m	0.3736 m
18.34 m	0.0988 m	0.2536 m	0.0000 m	0.0000 m	0.3523 m
17.84 m	0.0935 m	0.2382 m	0.0000 m	0.0000 m	0.3318 m
17.34 m	0.0884 m	0.2234 m	0.0000 m	0.0000 m	0.3118 m
16.84 m	0.0834 m	0.2091 m	0.0000 m	0.0000 m	0.2925 m
16.34 m	0.0785 m	0.1954 m	0.0000 m	0.0000 m	0.2739 m
15.84 m	0.0737 m	0.1821 m	0.0000 m	0.0000 m	0.2559 m
15.34 m	0.0691 m	0.1694 m	0.0000 m	0.0000 m	0.2385 m
15.34 m	0.0691 m	0.1694 m	0.0000 m	0.0000 m	0.2385 m
14.84 m	0.0646 m	0.1572 m	0.0000 m	0.0000 m	0.2218 m
14.34 m	0.0603 m	0.1455 m	0.0000 m	0.0000 m	0.2058 m
13.84 m	0.0561 m	0.1344 m	0.0000 m	0.0000 m	0.1905 m
13.34 m	0.0520 m	0.1238 m	0.0000 m	0.0000 m	0.1758 m
12.84 m	0.0481 m	0.1137 m	0.0000 m	0.0000 m	0.1619 m
12.34 m	0.0444 m	0.1042 m	0.0000 m	0.0000 m	0.1486 m
11.84 m	0.0408 m	0.0951 m	0.0000 m	0.0000 m	0.1359 m
11.34 m	0.0374 m	0.0866 m	0.0000 m	0.0000 m	0.1240 m
10.84 m	0.0341 m	0.0785 m	0.0000 m	0.0000 m	0.1126 m
10.34 m	0.0310 m	0.0709 m	0.0000 m	0.0000 m	0.1020 m
10.34 m	0.0310 m	0.0709 m	0.0000 m	0.0000 m	0.1020 m
9.84 m	0.0281 m	0.0638 m	0.0000 m	0.0000 m	0.0919 m
9.34 m	0.0253 m	0.0571 m	0.0000 m	0.0000 m	0.0824 m
8.84 m	0.0226 m	0.0508 m	0.0000 m	0.0000 m	0.0734 m
8.34 m	0.0201 m	0.0448 m	0.0000 m	0.0000 m	0.0649 m
7.84 m	0.0177 m	0.0393 m	0.0000 m	0.0000 m	0.0570 m
7.34 m	0.0155 m	0.0342 m	0.0000 m	0.0000 m	0.0496 m
6.84 m	0.0134 m	0.0294 m	0.0000 m	0.0000 m	0.0427 m
6.34 m	0.0114 m	0.0250 m	0.0000 m	0.0000 m	0.0364 m
5.84 m	0.0096 m	0.0209 m	0.0000 m	0.0000 m	0.0305 m
5.34 m	0.0079 m	0.0172 m	0.0000 m	0.0000 m	0.0251 m
5.34 m	0.0079 m	0.0172 m	0.0000 m	0.0000 m	0.0251 m
4.72 m	0.0061 m	0.0131 m	0.0000 m	0.0000 m	0.0192 m
4.09 m	0.0045 m	0.0095 m	0.0000 m	0.0000 m	0.0140 m
3.49 m	0.0031 m	0.0067 m	0.0000 m	0.0000 m	0.0098 m
3.47 m	0.0031 m	0.0066 m	0.0000 m	0.0000 m	0.0097 m
2.84 m	0.0020 m	0.0042 m	0.0000 m	0.0000 m	0.0062 m
2.22 m	0.0011 m	0.0023 m	0.0000 m	0.0000 m	0.0034 m
1.59 m	0.0005 m	0.0010 m	0.0000 m	0.0000 m	0.0015 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0008 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0004 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

WEST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2337 m	0.7290 m	0.0000 m	0.0000 m	0.9626 m
30.23 m	0.2259 m	0.7006 m	0.0000 m	0.0000 m	0.9265 m
29.62 m	0.2182 m	0.6722 m	0.0000 m	0.0000 m	0.8904 m
29.49 m	0.2166 m	0.6663 m	0.0000 m	0.0000 m	0.8828 m
29.01 m	0.2104 m	0.6439 m	0.0000 m	0.0000 m	0.8544 m
28.40 m	0.2027 m	0.6159 m	0.0000 m	0.0000 m	0.8186 m
27.78 m	0.1950 m	0.5882 m	0.0000 m	0.0000 m	0.7832 m

27.17 m	0.1874 m	0.5608 m	0.0000 m	0.0000 m	0.7481 m
26.56 m	0.1798 m	0.5338 m	0.0000 m	0.0000 m	0.7136 m
25.95 m	0.1722 m	0.5074 m	0.0000 m	0.0000 m	0.6796 m
25.34 m	0.1648 m	0.4814 m	0.0000 m	0.0000 m	0.6462 m
25.34 m	0.1648 m	0.4814 m	0.0000 m	0.0000 m	0.6462 m
24.84 m	0.1588 m	0.4606 m	0.0000 m	0.0000 m	0.6194 m
24.34 m	0.1528 m	0.4401 m	0.0000 m	0.0000 m	0.5929 m
23.84 m	0.1469 m	0.4201 m	0.0000 m	0.0000 m	0.5670 m
23.34 m	0.1411 m	0.4004 m	0.0000 m	0.0000 m	0.5415 m
22.84 m	0.1354 m	0.3812 m	0.0000 m	0.0000 m	0.5166 m
22.34 m	0.1298 m	0.3626 m	0.0000 m	0.0000 m	0.4923 m
21.84 m	0.1242 m	0.3444 m	0.0000 m	0.0000 m	0.4687 m
21.34 m	0.1188 m	0.3269 m	0.0000 m	0.0000 m	0.4456 m
20.84 m	0.1134 m	0.3098 m	0.0000 m	0.0000 m	0.4232 m
20.34 m	0.1082 m	0.2933 m	0.0000 m	0.0000 m	0.4015 m
20.34 m	0.1082 m	0.2933 m	0.0000 m	0.0000 m	0.4015 m
19.84 m	0.1031 m	0.2774 m	0.0000 m	0.0000 m	0.3805 m
19.34 m	0.0980 m	0.2619 m	0.0000 m	0.0000 m	0.3600 m
18.84 m	0.0931 m	0.2469 m	0.0000 m	0.0000 m	0.3401 m
18.34 m	0.0883 m	0.2324 m	0.0000 m	0.0000 m	0.3207 m
17.84 m	0.0836 m	0.2184 m	0.0000 m	0.0000 m	0.3020 m
17.34 m	0.0790 m	0.2048 m	0.0000 m	0.0000 m	0.2838 m
16.84 m	0.0745 m	0.1918 m	0.0000 m	0.0000 m	0.2662 m
16.34 m	0.0701 m	0.1792 m	0.0000 m	0.0000 m	0.2492 m
15.84 m	0.0658 m	0.1670 m	0.0000 m	0.0000 m	0.2328 m
15.34 m	0.0617 m	0.1554 m	0.0000 m	0.0000 m	0.2170 m
15.34 m	0.0617 m	0.1554 m	0.0000 m	0.0000 m	0.2170 m
14.84 m	0.0576 m	0.1442 m	0.0000 m	0.0000 m	0.2018 m
14.34 m	0.0537 m	0.1335 m	0.0000 m	0.0000 m	0.1872 m
13.84 m	0.0500 m	0.1233 m	0.0000 m	0.0000 m	0.1733 m
13.34 m	0.0464 m	0.1136 m	0.0000 m	0.0000 m	0.1600 m
12.84 m	0.0429 m	0.1044 m	0.0000 m	0.0000 m	0.1472 m
12.34 m	0.0395 m	0.0956 m	0.0000 m	0.0000 m	0.1351 m
11.84 m	0.0363 m	0.0873 m	0.0000 m	0.0000 m	0.1236 m
11.34 m	0.0333 m	0.0794 m	0.0000 m	0.0000 m	0.1127 m
10.84 m	0.0304 m	0.0721 m	0.0000 m	0.0000 m	0.1024 m
10.34 m	0.0276 m	0.0651 m	0.0000 m	0.0000 m	0.0927 m
10.34 m	0.0276 m	0.0651 m	0.0000 m	0.0000 m	0.0927 m
9.84 m	0.0250 m	0.0586 m	0.0000 m	0.0000 m	0.0835 m
9.34 m	0.0225 m	0.0524 m	0.0000 m	0.0000 m	0.0749 m
8.84 m	0.0201 m	0.0466 m	0.0000 m	0.0000 m	0.0667 m
8.34 m	0.0178 m	0.0412 m	0.0000 m	0.0000 m	0.0590 m
7.84 m	0.0157 m	0.0361 m	0.0000 m	0.0000 m	0.0518 m
7.34 m	0.0137 m	0.0314 m	0.0000 m	0.0000 m	0.0451 m
6.84 m	0.0119 m	0.0270 m	0.0000 m	0.0000 m	0.0388 m
6.34 m	0.0101 m	0.0229 m	0.0000 m	0.0000 m	0.0330 m
5.84 m	0.0085 m	0.0192 m	0.0000 m	0.0000 m	0.0277 m
5.34 m	0.0071 m	0.0158 m	0.0000 m	0.0000 m	0.0228 m
5.34 m	0.0071 m	0.0158 m	0.0000 m	0.0000 m	0.0228 m
4.72 m	0.0054 m	0.0120 m	0.0000 m	0.0000 m	0.0174 m
4.09 m	0.0040 m	0.0088 m	0.0000 m	0.0000 m	0.0127 m
3.49 m	0.0028 m	0.0061 m	0.0000 m	0.0000 m	0.0089 m
3.47 m	0.0027 m	0.0060 m	0.0000 m	0.0000 m	0.0088 m
2.84 m	0.0018 m	0.0038 m	0.0000 m	0.0000 m	0.0056 m
2.22 m	0.0010 m	0.0021 m	0.0000 m	0.0000 m	0.0031 m
1.59 m	0.0004 m	0.0009 m	0.0000 m	0.0000 m	0.0014 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0007 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

NORTH WEST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2605 m	0.8078 m	0.0000 m	0.0000 m	1.0683 m
30.23 m	0.2519 m	0.7757 m	0.0000 m	0.0000 m	1.0276 m
29.62 m	0.2433 m	0.7437 m	0.0000 m	0.0000 m	0.9869 m
29.49 m	0.2415 m	0.7370 m	0.0000 m	0.0000 m	0.9784 m
29.01 m	0.2346 m	0.7118 m	0.0000 m	0.0000 m	0.9464 m
28.40 m	0.2260 m	0.6801 m	0.0000 m	0.0000 m	0.9062 m
27.78 m	0.2175 m	0.6489 m	0.0000 m	0.0000 m	0.8663 m
27.17 m	0.2089 m	0.6181 m	0.0000 m	0.0000 m	0.8270 m
26.56 m	0.2005 m	0.5878 m	0.0000 m	0.0000 m	0.7883 m
25.95 m	0.1921 m	0.5582 m	0.0000 m	0.0000 m	0.7503 m
25.34 m	0.1838 m	0.5292 m	0.0000 m	0.0000 m	0.7130 m
25.34 m	0.1838 m	0.5292 m	0.0000 m	0.0000 m	0.7130 m
24.84 m	0.1771 m	0.5060 m	0.0000 m	0.0000 m	0.6831 m
24.34 m	0.1705 m	0.4832 m	0.0000 m	0.0000 m	0.6536 m
23.84 m	0.1639 m	0.4609 m	0.0000 m	0.0000 m	0.6248 m
23.34 m	0.1574 m	0.4391 m	0.0000 m	0.0000 m	0.5965 m
22.84 m	0.1510 m	0.4179 m	0.0000 m	0.0000 m	0.5689 m
22.34 m	0.1447 m	0.3972 m	0.0000 m	0.0000 m	0.5420 m
21.84 m	0.1386 m	0.3772 m	0.0000 m	0.0000 m	0.5158 m
21.34 m	0.1325 m	0.3578 m	0.0000 m	0.0000 m	0.4903 m
20.84 m	0.1265 m	0.3390 m	0.0000 m	0.0000 m	0.4656 m
20.34 m	0.1207 m	0.3209 m	0.0000 m	0.0000 m	0.4416 m
20.34 m	0.1207 m	0.3209 m	0.0000 m	0.0000 m	0.4416 m
19.84 m	0.1150 m	0.3033 m	0.0000 m	0.0000 m	0.4183 m
19.34 m	0.1094 m	0.2863 m	0.0000 m	0.0000 m	0.3957 m
18.84 m	0.1039 m	0.2699 m	0.0000 m	0.0000 m	0.3738 m
18.34 m	0.0985 m	0.2539 m	0.0000 m	0.0000 m	0.3525 m
17.84 m	0.0933 m	0.2385 m	0.0000 m	0.0000 m	0.3318 m
17.34 m	0.0881 m	0.2237 m	0.0000 m	0.0000 m	0.3118 m
16.84 m	0.0831 m	0.2094 m	0.0000 m	0.0000 m	0.2924 m
16.34 m	0.0782 m	0.1956 m	0.0000 m	0.0000 m	0.2738 m
15.84 m	0.0734 m	0.1823 m	0.0000 m	0.0000 m	0.2557 m
15.34 m	0.0688 m	0.1695 m	0.0000 m	0.0000 m	0.2383 m
15.34 m	0.0688 m	0.1695 m	0.0000 m	0.0000 m	0.2383 m
14.84 m	0.0643 m	0.1573 m	0.0000 m	0.0000 m	0.2216 m
14.34 m	0.0600 m	0.1456 m	0.0000 m	0.0000 m	0.2056 m
13.84 m	0.0558 m	0.1344 m	0.0000 m	0.0000 m	0.1902 m
13.34 m	0.0518 m	0.1238 m	0.0000 m	0.0000 m	0.1756 m

12.84 m	0.0479 m	0.1137 m	0.0000 m	0.0000 m	0.1616 m
12.34 m	0.0441 m	0.1042 m	0.0000 m	0.0000 m	0.1483 m
11.84 m	0.0406 m	0.0951 m	0.0000 m	0.0000 m	0.1357 m
11.34 m	0.0372 m	0.0865 m	0.0000 m	0.0000 m	0.1237 m
10.84 m	0.0339 m	0.0785 m	0.0000 m	0.0000 m	0.1124 m
10.34 m	0.0308 m	0.0709 m	0.0000 m	0.0000 m	0.1017 m
10.34 m	0.0308 m	0.0709 m	0.0000 m	0.0000 m	0.1017 m
9.84 m	0.0279 m	0.0638 m	0.0000 m	0.0000 m	0.0916 m
9.34 m	0.0251 m	0.0570 m	0.0000 m	0.0000 m	0.0821 m
8.84 m	0.0224 m	0.0507 m	0.0000 m	0.0000 m	0.0732 m
8.34 m	0.0199 m	0.0448 m	0.0000 m	0.0000 m	0.0647 m
7.84 m	0.0175 m	0.0393 m	0.0000 m	0.0000 m	0.0568 m
7.34 m	0.0153 m	0.0341 m	0.0000 m	0.0000 m	0.0494 m
6.84 m	0.0132 m	0.0293 m	0.0000 m	0.0000 m	0.0426 m
6.34 m	0.0113 m	0.0249 m	0.0000 m	0.0000 m	0.0362 m
5.84 m	0.0095 m	0.0209 m	0.0000 m	0.0000 m	0.0304 m
5.34 m	0.0079 m	0.0172 m	0.0000 m	0.0000 m	0.0250 m
5.34 m	0.0079 m	0.0172 m	0.0000 m	0.0000 m	0.0250 m
4.72 m	0.0060 m	0.0131 m	0.0000 m	0.0000 m	0.0191 m
4.09 m	0.0044 m	0.0095 m	0.0000 m	0.0000 m	0.0139 m
3.49 m	0.0031 m	0.0067 m	0.0000 m	0.0000 m	0.0098 m
3.47 m	0.0031 m	0.0066 m	0.0000 m	0.0000 m	0.0096 m
2.84 m	0.0020 m	0.0042 m	0.0000 m	0.0000 m	0.0061 m
2.22 m	0.0011 m	0.0023 m	0.0000 m	0.0000 m	0.0034 m
1.59 m	0.0005 m	0.0010 m	0.0000 m	0.0000 m	0.0015 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0008 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0004 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2477 m	0.7620 m	0.0000 m	0.0000 m	1.0097 m
30.23 m	0.2396 m	0.7315 m	0.0000 m	0.0000 m	0.9710 m
29.62 m	0.2314 m	0.7010 m	0.0000 m	0.0000 m	0.9324 m
29.49 m	0.2297 m	0.6947 m	0.0000 m	0.0000 m	0.9244 m
29.01 m	0.2233 m	0.6707 m	0.0000 m	0.0000 m	0.8940 m
28.40 m	0.2151 m	0.6407 m	0.0000 m	0.0000 m	0.8558 m
27.78 m	0.2070 m	0.6110 m	0.0000 m	0.0000 m	0.8180 m
27.17 m	0.1990 m	0.5818 m	0.0000 m	0.0000 m	0.7808 m
26.56 m	0.1910 m	0.5531 m	0.0000 m	0.0000 m	0.7441 m
25.95 m	0.1831 m	0.5250 m	0.0000 m	0.0000 m	0.7081 m
25.34 m	0.1752 m	0.4976 m	0.0000 m	0.0000 m	0.6728 m
25.34 m	0.1752 m	0.4976 m	0.0000 m	0.0000 m	0.6728 m
24.84 m	0.1689 m	0.4756 m	0.0000 m	0.0000 m	0.6445 m
24.34 m	0.1626 m	0.4541 m	0.0000 m	0.0000 m	0.6167 m
23.84 m	0.1564 m	0.4331 m	0.0000 m	0.0000 m	0.5894 m
23.34 m	0.1502 m	0.4125 m	0.0000 m	0.0000 m	0.5628 m
22.84 m	0.1442 m	0.3925 m	0.0000 m	0.0000 m	0.5367 m
22.34 m	0.1383 m	0.3730 m	0.0000 m	0.0000 m	0.5113 m
21.84 m	0.1324 m	0.3542 m	0.0000 m	0.0000 m	0.4866 m
21.34 m	0.1266 m	0.3359 m	0.0000 m	0.0000 m	0.4625 m
20.84 m	0.1210 m	0.3182 m	0.0000 m	0.0000 m	0.4392 m
20.34 m	0.1155 m	0.3012 m	0.0000 m	0.0000 m	0.4166 m
20.34 m	0.1155 m	0.3012 m	0.0000 m	0.0000 m	0.4166 m
19.84 m	0.1100 m	0.2847 m	0.0000 m	0.0000 m	0.3947 m
19.34 m	0.1047 m	0.2687 m	0.0000 m	0.0000 m	0.3734 m
18.84 m	0.0995 m	0.2532 m	0.0000 m	0.0000 m	0.3527 m
18.34 m	0.0944 m	0.2382 m	0.0000 m	0.0000 m	0.3326 m
17.84 m	0.0894 m	0.2238 m	0.0000 m	0.0000 m	0.3131 m
17.34 m	0.0845 m	0.2098 m	0.0000 m	0.0000 m	0.2943 m
16.84 m	0.0797 m	0.1964 m	0.0000 m	0.0000 m	0.2761 m
16.34 m	0.0750 m	0.1834 m	0.0000 m	0.0000 m	0.2584 m
15.84 m	0.0705 m	0.1709 m	0.0000 m	0.0000 m	0.2414 m
15.34 m	0.0661 m	0.1589 m	0.0000 m	0.0000 m	0.2250 m
15.34 m	0.0661 m	0.1589 m	0.0000 m	0.0000 m	0.2250 m
14.84 m	0.0618 m	0.1475 m	0.0000 m	0.0000 m	0.2092 m
14.34 m	0.0576 m	0.1365 m	0.0000 m	0.0000 m	0.1941 m
13.84 m	0.0536 m	0.1260 m	0.0000 m	0.0000 m	0.1797 m
13.34 m	0.0498 m	0.1161 m	0.0000 m	0.0000 m	0.1659 m
12.84 m	0.0461 m	0.1066 m	0.0000 m	0.0000 m	0.1527 m
12.34 m	0.0425 m	0.0976 m	0.0000 m	0.0000 m	0.1401 m
11.84 m	0.0391 m	0.0891 m	0.0000 m	0.0000 m	0.1282 m
11.34 m	0.0358 m	0.0811 m	0.0000 m	0.0000 m	0.1169 m
10.84 m	0.0327 m	0.0735 m	0.0000 m	0.0000 m	0.1062 m
10.34 m	0.0297 m	0.0664 m	0.0000 m	0.0000 m	0.0962 m
10.34 m	0.0297 m	0.0664 m	0.0000 m	0.0000 m	0.0962 m
9.84 m	0.0269 m	0.0598 m	0.0000 m	0.0000 m	0.0867 m
9.34 m	0.0242 m	0.0535 m	0.0000 m	0.0000 m	0.0777 m
8.84 m	0.0217 m	0.0475 m	0.0000 m	0.0000 m	0.0692 m
8.34 m	0.0192 m	0.0420 m	0.0000 m	0.0000 m	0.0612 m
7.84 m	0.0170 m	0.0368 m	0.0000 m	0.0000 m	0.0538 m
7.34 m	0.0148 m	0.0320 m	0.0000 m	0.0000 m	0.0468 m
6.84 m	0.0128 m	0.0275 m	0.0000 m	0.0000 m	0.0403 m
6.34 m	0.0109 m	0.0234 m	0.0000 m	0.0000 m	0.0343 m
5.84 m	0.0092 m	0.0196 m	0.0000 m	0.0000 m	0.0288 m
5.34 m	0.0076 m	0.0161 m	0.0000 m	0.0000 m	0.0237 m
5.34 m	0.0076 m	0.0161 m	0.0000 m	0.0000 m	0.0237 m
4.72 m	0.0058 m	0.0122 m	0.0000 m	0.0000 m	0.0181 m
4.09 m	0.0043 m	0.0089 m	0.0000 m	0.0000 m	0.0132 m
3.49 m	0.0030 m	0.0063 m	0.0000 m	0.0000 m	0.0093 m
3.47 m	0.0030 m	0.0062 m	0.0000 m	0.0000 m	0.0091 m
2.84 m	0.0019 m	0.0039 m	0.0000 m	0.0000 m	0.0058 m
2.22 m	0.0011 m	0.0022 m	0.0000 m	0.0000 m	0.0032 m
1.59 m	0.0005 m	0.0009 m	0.0000 m	0.0000 m	0.0014 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0007 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

NORTH EAST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2313 m	0.7126 m	0.0000 m	0.0000 m	0.9439 m
30.23 m	0.2237 m	0.6847 m	0.0000 m	0.0000 m	0.9084 m
29.62 m	0.2161 m	0.6568 m	0.0000 m	0.0000 m	0.8729 m
29.49 m	0.2145 m	0.6510 m	0.0000 m	0.0000 m	0.8655 m
29.01 m	0.2085 m	0.6290 m	0.0000 m	0.0000 m	0.8375 m
28.40 m	0.2009 m	0.6014 m	0.0000 m	0.0000 m	0.8023 m
27.78 m	0.1933 m	0.5742 m	0.0000 m	0.0000 m	0.7675 m
27.17 m	0.1858 m	0.5473 m	0.0000 m	0.0000 m	0.7331 m
26.56 m	0.1784 m	0.5209 m	0.0000 m	0.0000 m	0.6992 m
25.95 m	0.1710 m	0.4949 m	0.0000 m	0.0000 m	0.6659 m
25.34 m	0.1637 m	0.4695 m	0.0000 m	0.0000 m	0.6331 m
25.34 m	0.1637 m	0.4695 m	0.0000 m	0.0000 m	0.6331 m
24.84 m	0.1577 m	0.4491 m	0.0000 m	0.0000 m	0.6068 m
24.34 m	0.1519 m	0.4290 m	0.0000 m	0.0000 m	0.5809 m
23.84 m	0.1461 m	0.4094 m	0.0000 m	0.0000 m	0.5555 m
23.34 m	0.1404 m	0.3902 m	0.0000 m	0.0000 m	0.5305 m
22.84 m	0.1347 m	0.3714 m	0.0000 m	0.0000 m	0.5062 m
22.34 m	0.1292 m	0.3532 m	0.0000 m	0.0000 m	0.4824 m
21.84 m	0.1237 m	0.3355 m	0.0000 m	0.0000 m	0.4592 m
21.34 m	0.1183 m	0.3183 m	0.0000 m	0.0000 m	0.4366 m
20.84 m	0.1130 m	0.3017 m	0.0000 m	0.0000 m	0.4148 m
20.34 m	0.1079 m	0.2856 m	0.0000 m	0.0000 m	0.3935 m
20.34 m	0.1079 m	0.2856 m	0.0000 m	0.0000 m	0.3935 m
19.84 m	0.1028 m	0.2701 m	0.0000 m	0.0000 m	0.3729 m
19.34 m	0.0978 m	0.2550 m	0.0000 m	0.0000 m	0.3528 m
18.84 m	0.0930 m	0.2404 m	0.0000 m	0.0000 m	0.3334 m
18.34 m	0.0882 m	0.2263 m	0.0000 m	0.0000 m	0.3144 m
17.84 m	0.0835 m	0.2126 m	0.0000 m	0.0000 m	0.2961 m
17.34 m	0.0789 m	0.1994 m	0.0000 m	0.0000 m	0.2783 m
16.84 m	0.0745 m	0.1866 m	0.0000 m	0.0000 m	0.2611 m
16.34 m	0.0701 m	0.1744 m	0.0000 m	0.0000 m	0.2445 m
15.84 m	0.0659 m	0.1625 m	0.0000 m	0.0000 m	0.2284 m
15.34 m	0.0618 m	0.1512 m	0.0000 m	0.0000 m	0.2130 m
15.34 m	0.0618 m	0.1512 m	0.0000 m	0.0000 m	0.2130 m
14.84 m	0.0578 m	0.1403 m	0.0000 m	0.0000 m	0.1981 m
14.34 m	0.0539 m	0.1299 m	0.0000 m	0.0000 m	0.1838 m
13.84 m	0.0502 m	0.1200 m	0.0000 m	0.0000 m	0.1701 m
13.34 m	0.0466 m	0.1105 m	0.0000 m	0.0000 m	0.1571 m
12.84 m	0.0431 m	0.1015 m	0.0000 m	0.0000 m	0.1446 m
12.34 m	0.0397 m	0.0930 m	0.0000 m	0.0000 m	0.1327 m
11.84 m	0.0366 m	0.0849 m	0.0000 m	0.0000 m	0.1215 m
11.34 m	0.0335 m	0.0773 m	0.0000 m	0.0000 m	0.1108 m
10.84 m	0.0306 m	0.0701 m	0.0000 m	0.0000 m	0.1007 m
10.34 m	0.0278 m	0.0633 m	0.0000 m	0.0000 m	0.0911 m
10.34 m	0.0278 m	0.0633 m	0.0000 m	0.0000 m	0.0911 m
9.84 m	0.0252 m	0.0570 m	0.0000 m	0.0000 m	0.0821 m
9.34 m	0.0227 m	0.0510 m	0.0000 m	0.0000 m	0.0736 m
8.84 m	0.0203 m	0.0453 m	0.0000 m	0.0000 m	0.0656 m
8.34 m	0.0180 m	0.0400 m	0.0000 m	0.0000 m	0.0580 m
7.84 m	0.0159 m	0.0351 m	0.0000 m	0.0000 m	0.0510 m
7.34 m	0.0139 m	0.0305 m	0.0000 m	0.0000 m	0.0444 m
6.84 m	0.0120 m	0.0262 m	0.0000 m	0.0000 m	0.0382 m
6.34 m	0.0102 m	0.0223 m	0.0000 m	0.0000 m	0.0325 m
5.84 m	0.0086 m	0.0187 m	0.0000 m	0.0000 m	0.0273 m
5.34 m	0.0071 m	0.0154 m	0.0000 m	0.0000 m	0.0225 m
5.34 m	0.0071 m	0.0154 m	0.0000 m	0.0000 m	0.0225 m
4.72 m	0.0055 m	0.0117 m	0.0000 m	0.0000 m	0.0171 m
4.09 m	0.0040 m	0.0085 m	0.0000 m	0.0000 m	0.0125 m
3.49 m	0.0028 m	0.0060 m	0.0000 m	0.0000 m	0.0088 m
3.47 m	0.0028 m	0.0059 m	0.0000 m	0.0000 m	0.0087 m
2.84 m	0.0018 m	0.0037 m	0.0000 m	0.0000 m	0.0055 m
2.22 m	0.0010 m	0.0021 m	0.0000 m	0.0000 m	0.0031 m
1.59 m	0.0004 m	0.0009 m	0.0000 m	0.0000 m	0.0013 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0007 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

EAST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2956 m	0.8818 m	0.0000 m	0.0000 m	1.1774 m
30.23 m	0.2859 m	0.8476 m	0.0000 m	0.0000 m	1.1335 m
29.62 m	0.2763 m	0.8134 m	0.0000 m	0.0000 m	1.0896 m
29.49 m	0.2742 m	0.8062 m	0.0000 m	0.0000 m	1.0805 m
29.01 m	0.2666 m	0.7793 m	0.0000 m	0.0000 m	1.0459 m
28.40 m	0.2570 m	0.7455 m	0.0000 m	0.0000 m	1.0024 m
27.78 m	0.2473 m	0.7120 m	0.0000 m	0.0000 m	0.9594 m
27.17 m	0.2378 m	0.6790 m	0.0000 m	0.0000 m	0.9168 m
26.56 m	0.2283 m	0.6465 m	0.0000 m	0.0000 m	0.8748 m
25.95 m	0.2189 m	0.6145 m	0.0000 m	0.0000 m	0.8334 m
25.34 m	0.2096 m	0.5832 m	0.0000 m	0.0000 m	0.7928 m
25.34 m	0.2096 m	0.5832 m	0.0000 m	0.0000 m	0.7928 m
24.84 m	0.2020 m	0.5580 m	0.0000 m	0.0000 m	0.7600 m
24.34 m	0.1946 m	0.5333 m	0.0000 m	0.0000 m	0.7278 m
23.84 m	0.1872 m	0.5090 m	0.0000 m	0.0000 m	0.6962 m
23.34 m	0.1799 m	0.4852 m	0.0000 m	0.0000 m	0.6651 m
22.84 m	0.1727 m	0.4621 m	0.0000 m	0.0000 m	0.6348 m
22.34 m	0.1656 m	0.4395 m	0.0000 m	0.0000 m	0.6051 m
21.84 m	0.1586 m	0.4175 m	0.0000 m	0.0000 m	0.5762 m
21.34 m	0.1518 m	0.3962 m	0.0000 m	0.0000 m	0.5480 m
20.84 m	0.1451 m	0.3756 m	0.0000 m	0.0000 m	0.5207 m
20.34 m	0.1385 m	0.3557 m	0.0000 m	0.0000 m	0.4941 m
20.34 m	0.1385 m	0.3557 m	0.0000 m	0.0000 m	0.4941 m
19.84 m	0.1320 m	0.3363 m	0.0000 m	0.0000 m	0.4684 m
19.34 m	0.1257 m	0.3176 m	0.0000 m	0.0000 m	0.4433 m
18.84 m	0.1194 m	0.2995 m	0.0000 m	0.0000 m	0.4189 m
18.34 m	0.1133 m	0.2819 m	0.0000 m	0.0000 m	0.3952 m
17.84 m	0.1074 m	0.2649 m	0.0000 m	0.0000 m	0.3722 m
17.34 m	0.1015 m	0.2485 m	0.0000 m	0.0000 m	0.3500 m

16.84 m	0.0958 m	0.2326 m	0.0000 m	0.0000 m	0.3284 m
16.34 m	0.0902 m	0.2173 m	0.0000 m	0.0000 m	0.3076 m
15.84 m	0.0848 m	0.2026 m	0.0000 m	0.0000 m	0.2874 m
15.34 m	0.0795 m	0.1885 m	0.0000 m	0.0000 m	0.2680 m
15.34 m	0.0795 m	0.1885 m	0.0000 m	0.0000 m	0.2680 m
14.84 m	0.0744 m	0.1749 m	0.0000 m	0.0000 m	0.2493 m
14.34 m	0.0694 m	0.1620 m	0.0000 m	0.0000 m	0.2314 m
13.84 m	0.0647 m	0.1496 m	0.0000 m	0.0000 m	0.2143 m
13.34 m	0.0600 m	0.1378 m	0.0000 m	0.0000 m	0.1978 m
12.84 m	0.0556 m	0.1266 m	0.0000 m	0.0000 m	0.1822 m
12.34 m	0.0513 m	0.1160 m	0.0000 m	0.0000 m	0.1673 m
11.84 m	0.0472 m	0.1059 m	0.0000 m	0.0000 m	0.1531 m
11.34 m	0.0433 m	0.0964 m	0.0000 m	0.0000 m	0.1397 m
10.84 m	0.0395 m	0.0874 m	0.0000 m	0.0000 m	0.1270 m
10.34 m	0.0359 m	0.0790 m	0.0000 m	0.0000 m	0.1150 m
10.34 m	0.0359 m	0.0790 m	0.0000 m	0.0000 m	0.1150 m
9.84 m	0.0325 m	0.0711 m	0.0000 m	0.0000 m	0.1036 m
9.34 m	0.0293 m	0.0636 m	0.0000 m	0.0000 m	0.0929 m
8.84 m	0.0262 m	0.0566 m	0.0000 m	0.0000 m	0.0828 m
8.34 m	0.0233 m	0.0500 m	0.0000 m	0.0000 m	0.0733 m
7.84 m	0.0206 m	0.0438 m	0.0000 m	0.0000 m	0.0644 m
7.34 m	0.0180 m	0.0381 m	0.0000 m	0.0000 m	0.0560 m
6.84 m	0.0156 m	0.0327 m	0.0000 m	0.0000 m	0.0483 m
6.34 m	0.0133 m	0.0278 m	0.0000 m	0.0000 m	0.0411 m
5.84 m	0.0112 m	0.0233 m	0.0000 m	0.0000 m	0.0345 m
5.34 m	0.0093 m	0.0192 m	0.0000 m	0.0000 m	0.0284 m
5.34 m	0.0093 m	0.0192 m	0.0000 m	0.0000 m	0.0284 m
4.72 m	0.0071 m	0.0146 m	0.0000 m	0.0000 m	0.0217 m
4.09 m	0.0052 m	0.0106 m	0.0000 m	0.0000 m	0.0159 m
3.49 m	0.0037 m	0.0075 m	0.0000 m	0.0000 m	0.0111 m
3.47 m	0.0036 m	0.0073 m	0.0000 m	0.0000 m	0.0110 m
2.84 m	0.0023 m	0.0047 m	0.0000 m	0.0000 m	0.0070 m
2.22 m	0.0013 m	0.0026 m	0.0000 m	0.0000 m	0.0039 m
1.59 m	0.0006 m	0.0011 m	0.0000 m	0.0000 m	0.0017 m
1.24 m	0.0003 m	0.0006 m	0.0000 m	0.0000 m	0.0009 m
0.97 m	0.0001 m	0.0003 m	0.0000 m	0.0000 m	0.0004 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH EAST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.4122 m	1.2231 m	0.0000 m	0.0000 m	1.6352 m
30.23 m	0.3986 m	1.1746 m	0.0000 m	0.0000 m	1.5733 m
29.62 m	0.3851 m	1.1263 m	0.0000 m	0.0000 m	1.5114 m
29.49 m	0.3823 m	1.1162 m	0.0000 m	0.0000 m	1.4984 m
29.01 m	0.3716 m	1.0781 m	0.0000 m	0.0000 m	1.4497 m
28.40 m	0.3581 m	1.0303 m	0.0000 m	0.0000 m	1.3884 m
27.78 m	0.3447 m	0.9830 m	0.0000 m	0.0000 m	1.3277 m
27.17 m	0.3313 m	0.9365 m	0.0000 m	0.0000 m	1.2679 m
26.56 m	0.3181 m	0.8908 m	0.0000 m	0.0000 m	1.2089 m
25.95 m	0.3049 m	0.8460 m	0.0000 m	0.0000 m	1.1509 m
25.34 m	0.2919 m	0.8022 m	0.0000 m	0.0000 m	1.0941 m
25.34 m	0.2919 m	0.8022 m	0.0000 m	0.0000 m	1.0941 m
24.84 m	0.2814 m	0.7670 m	0.0000 m	0.0000 m	1.0484 m
24.34 m	0.2710 m	0.7325 m	0.0000 m	0.0000 m	1.0035 m
23.84 m	0.2607 m	0.6988 m	0.0000 m	0.0000 m	0.9594 m
23.34 m	0.2505 m	0.6658 m	0.0000 m	0.0000 m	0.9163 m
22.84 m	0.2404 m	0.6337 m	0.0000 m	0.0000 m	0.8741 m
22.34 m	0.2306 m	0.6024 m	0.0000 m	0.0000 m	0.8330 m
21.84 m	0.2208 m	0.5721 m	0.0000 m	0.0000 m	0.7929 m
21.34 m	0.2113 m	0.5427 m	0.0000 m	0.0000 m	0.7539 m
20.84 m	0.2019 m	0.5142 m	0.0000 m	0.0000 m	0.7161 m
20.34 m	0.1927 m	0.4867 m	0.0000 m	0.0000 m	0.6794 m
20.34 m	0.1927 m	0.4867 m	0.0000 m	0.0000 m	0.6794 m
19.84 m	0.1836 m	0.4602 m	0.0000 m	0.0000 m	0.6438 m
19.34 m	0.1748 m	0.4344 m	0.0000 m	0.0000 m	0.6092 m
18.84 m	0.1661 m	0.4094 m	0.0000 m	0.0000 m	0.5755 m
18.34 m	0.1576 m	0.3853 m	0.0000 m	0.0000 m	0.5429 m
17.84 m	0.1492 m	0.3620 m	0.0000 m	0.0000 m	0.5112 m
17.34 m	0.1411 m	0.3394 m	0.0000 m	0.0000 m	0.4805 m
16.84 m	0.1331 m	0.3177 m	0.0000 m	0.0000 m	0.4508 m
16.34 m	0.1254 m	0.2968 m	0.0000 m	0.0000 m	0.4221 m
15.84 m	0.1178 m	0.2766 m	0.0000 m	0.0000 m	0.3944 m
15.34 m	0.1105 m	0.2572 m	0.0000 m	0.0000 m	0.3677 m
15.34 m	0.1105 m	0.2572 m	0.0000 m	0.0000 m	0.3677 m
14.84 m	0.1033 m	0.2387 m	0.0000 m	0.0000 m	0.3420 m
14.34 m	0.0964 m	0.2210 m	0.0000 m	0.0000 m	0.3174 m
13.84 m	0.0897 m	0.2040 m	0.0000 m	0.0000 m	0.2938 m
13.34 m	0.0833 m	0.1879 m	0.0000 m	0.0000 m	0.2712 m
12.84 m	0.0771 m	0.1726 m	0.0000 m	0.0000 m	0.2497 m
12.34 m	0.0711 m	0.1581 m	0.0000 m	0.0000 m	0.2292 m
11.84 m	0.0654 m	0.1444 m	0.0000 m	0.0000 m	0.2098 m
11.34 m	0.0600 m	0.1314 m	0.0000 m	0.0000 m	0.1913 m
10.84 m	0.0547 m	0.1191 m	0.0000 m	0.0000 m	0.1739 m
10.34 m	0.0498 m	0.1076 m	0.0000 m	0.0000 m	0.1574 m
10.34 m	0.0498 m	0.1076 m	0.0000 m	0.0000 m	0.1574 m
9.84 m	0.0451 m	0.0968 m	0.0000 m	0.0000 m	0.1419 m
9.34 m	0.0406 m	0.0866 m	0.0000 m	0.0000 m	0.1272 m
8.84 m	0.0363 m	0.0770 m	0.0000 m	0.0000 m	0.1133 m
8.34 m	0.0322 m	0.0680 m	0.0000 m	0.0000 m	0.1003 m
7.84 m	0.0284 m	0.0596 m	0.0000 m	0.0000 m	0.0881 m
7.34 m	0.0248 m	0.0518 m	0.0000 m	0.0000 m	0.0766 m
6.84 m	0.0215 m	0.0446 m	0.0000 m	0.0000 m	0.0660 m
6.34 m	0.0183 m	0.0379 m	0.0000 m	0.0000 m	0.0562 m
5.84 m	0.0154 m	0.0317 m	0.0000 m	0.0000 m	0.0471 m
5.34 m	0.0128 m	0.0261 m	0.0000 m	0.0000 m	0.0389 m
5.34 m	0.0128 m	0.0261 m	0.0000 m	0.0000 m	0.0389 m
4.72 m	0.0098 m	0.0198 m	0.0000 m	0.0000 m	0.0296 m
4.09 m	0.0072 m	0.0145 m	0.0000 m	0.0000 m	0.0216 m
3.49 m	0.0051 m	0.0101 m	0.0000 m	0.0000 m	0.0152 m
3.47 m	0.0050 m	0.0100 m	0.0000 m	0.0000 m	0.0150 m

2.84 m	0.0032 m	0.0063 m	0.0000 m	0.0000 m	0.0095 m
2.22 m	0.0018 m	0.0035 m	0.0000 m	0.0000 m	0.0053 m
1.59 m	0.0008 m	0.0015 m	0.0000 m	0.0000 m	0.0023 m
1.24 m	0.0004 m	0.0008 m	0.0000 m	0.0000 m	0.0012 m
0.97 m	0.0002 m	0.0004 m	0.0000 m	0.0000 m	0.0006 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.3322 m	1.0132 m	0.0000 m	0.0000 m	1.3454 m
30.23 m	0.3213 m	0.9727 m	0.0000 m	0.0000 m	1.2940 m
29.62 m	0.3103 m	0.9323 m	0.0000 m	0.0000 m	1.2426 m
29.49 m	0.3080 m	0.9239 m	0.0000 m	0.0000 m	1.2319 m
29.01 m	0.2994 m	0.8921 m	0.0000 m	0.0000 m	1.1915 m
28.40 m	0.2885 m	0.8522 m	0.0000 m	0.0000 m	1.1407 m
27.78 m	0.2777 m	0.8128 m	0.0000 m	0.0000 m	1.0905 m
27.17 m	0.2669 m	0.7740 m	0.0000 m	0.0000 m	1.0409 m
26.56 m	0.2562 m	0.7359 m	0.0000 m	0.0000 m	0.9921 m
25.95 m	0.2456 m	0.6986 m	0.0000 m	0.0000 m	0.9442 m
25.34 m	0.2351 m	0.6622 m	0.0000 m	0.0000 m	0.8972 m
25.34 m	0.2351 m	0.6622 m	0.0000 m	0.0000 m	0.8972 m
24.84 m	0.2265 m	0.6330 m	0.0000 m	0.0000 m	0.8595 m
24.34 m	0.2181 m	0.6044 m	0.0000 m	0.0000 m	0.8225 m
23.84 m	0.2098 m	0.5764 m	0.0000 m	0.0000 m	0.7862 m
23.34 m	0.2016 m	0.5491 m	0.0000 m	0.0000 m	0.7506 m
22.84 m	0.1935 m	0.5224 m	0.0000 m	0.0000 m	0.7159 m
22.34 m	0.1855 m	0.4966 m	0.0000 m	0.0000 m	0.6821 m
21.84 m	0.1777 m	0.4715 m	0.0000 m	0.0000 m	0.6491 m
21.34 m	0.1699 m	0.4472 m	0.0000 m	0.0000 m	0.6171 m
20.84 m	0.1624 m	0.4237 m	0.0000 m	0.0000 m	0.5860 m
20.34 m	0.1549 m	0.4010 m	0.0000 m	0.0000 m	0.5559 m
20.34 m	0.1549 m	0.4010 m	0.0000 m	0.0000 m	0.5559 m
19.84 m	0.1477 m	0.3790 m	0.0000 m	0.0000 m	0.5267 m
19.34 m	0.1405 m	0.3577 m	0.0000 m	0.0000 m	0.4983 m
18.84 m	0.1335 m	0.3371 m	0.0000 m	0.0000 m	0.4707 m
18.34 m	0.1267 m	0.3172 m	0.0000 m	0.0000 m	0.4439 m
17.84 m	0.1199 m	0.2980 m	0.0000 m	0.0000 m	0.4179 m
17.34 m	0.1134 m	0.2794 m	0.0000 m	0.0000 m	0.3928 m
16.84 m	0.1070 m	0.2615 m	0.0000 m	0.0000 m	0.3685 m
16.34 m	0.1007 m	0.2442 m	0.0000 m	0.0000 m	0.3449 m
15.84 m	0.0946 m	0.2276 m	0.0000 m	0.0000 m	0.3223 m
15.34 m	0.0887 m	0.2117 m	0.0000 m	0.0000 m	0.3004 m
15.34 m	0.0887 m	0.2117 m	0.0000 m	0.0000 m	0.3004 m
14.84 m	0.0830 m	0.1964 m	0.0000 m	0.0000 m	0.2793 m
14.34 m	0.0774 m	0.1818 m	0.0000 m	0.0000 m	0.2592 m
13.84 m	0.0720 m	0.1678 m	0.0000 m	0.0000 m	0.2399 m
13.34 m	0.0668 m	0.1546 m	0.0000 m	0.0000 m	0.2214 m
12.84 m	0.0619 m	0.1420 m	0.0000 m	0.0000 m	0.2038 m
12.34 m	0.0571 m	0.1300 m	0.0000 m	0.0000 m	0.1871 m
11.84 m	0.0525 m	0.1187 m	0.0000 m	0.0000 m	0.1712 m
11.34 m	0.0481 m	0.1080 m	0.0000 m	0.0000 m	0.1561 m
10.84 m	0.0439 m	0.0980 m	0.0000 m	0.0000 m	0.1419 m
10.34 m	0.0399 m	0.0885 m	0.0000 m	0.0000 m	0.1284 m
10.34 m	0.0399 m	0.0885 m	0.0000 m	0.0000 m	0.1284 m
9.84 m	0.0361 m	0.0796 m	0.0000 m	0.0000 m	0.1157 m
9.34 m	0.0325 m	0.0712 m	0.0000 m	0.0000 m	0.1037 m
8.84 m	0.0291 m	0.0633 m	0.0000 m	0.0000 m	0.0924 m
8.34 m	0.0258 m	0.0559 m	0.0000 m	0.0000 m	0.0818 m
7.84 m	0.0228 m	0.0490 m	0.0000 m	0.0000 m	0.0718 m
7.34 m	0.0199 m	0.0426 m	0.0000 m	0.0000 m	0.0625 m
6.84 m	0.0172 m	0.0366 m	0.0000 m	0.0000 m	0.0538 m
6.34 m	0.0147 m	0.0311 m	0.0000 m	0.0000 m	0.0458 m
5.84 m	0.0124 m	0.0261 m	0.0000 m	0.0000 m	0.0384 m
5.34 m	0.0102 m	0.0214 m	0.0000 m	0.0000 m	0.0317 m
5.34 m	0.0102 m	0.0214 m	0.0000 m	0.0000 m	0.0317 m
4.72 m	0.0078 m	0.0163 m	0.0000 m	0.0000 m	0.0241 m
4.09 m	0.0057 m	0.0119 m	0.0000 m	0.0000 m	0.0176 m
3.49 m	0.0040 m	0.0083 m	0.0000 m	0.0000 m	0.0124 m
3.47 m	0.0040 m	0.0082 m	0.0000 m	0.0000 m	0.0122 m
2.84 m	0.0026 m	0.0052 m	0.0000 m	0.0000 m	0.0078 m
2.22 m	0.0014 m	0.0029 m	0.0000 m	0.0000 m	0.0043 m
1.59 m	0.0006 m	0.0013 m	0.0000 m	0.0000 m	0.0019 m
1.24 m	0.0003 m	0.0006 m	0.0000 m	0.0000 m	0.0010 m
0.97 m	0.0002 m	0.0003 m	0.0000 m	0.0000 m	0.0005 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH WEST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2566 m	0.7972 m	0.0000 m	0.0000 m	1.0537 m
30.23 m	0.2481 m	0.7659 m	0.0000 m	0.0000 m	1.0140 m
29.62 m	0.2396 m	0.7346 m	0.0000 m	0.0000 m	0.9743 m
29.49 m	0.2379 m	0.7281 m	0.0000 m	0.0000 m	0.9660 m
29.01 m	0.2312 m	0.7035 m	0.0000 m	0.0000 m	0.9347 m
28.40 m	0.2227 m	0.6726 m	0.0000 m	0.0000 m	0.8954 m
27.78 m	0.2143 m	0.6421 m	0.0000 m	0.0000 m	0.8564 m
27.17 m	0.2060 m	0.6120 m	0.0000 m	0.0000 m	0.8180 m
26.56 m	0.1977 m	0.5824 m	0.0000 m	0.0000 m	0.7801 m
25.95 m	0.1895 m	0.5534 m	0.0000 m	0.0000 m	0.7428 m
25.34 m	0.1813 m	0.5249 m	0.0000 m	0.0000 m	0.7062 m
25.34 m	0.1813 m	0.5249 m	0.0000 m	0.0000 m	0.7062 m
24.84 m	0.1747 m	0.5021 m	0.0000 m	0.0000 m	0.6768 m
24.34 m	0.1682 m	0.4796 m	0.0000 m	0.0000 m	0.6479 m
23.84 m	0.1618 m	0.4576 m	0.0000 m	0.0000 m	0.6194 m
23.34 m	0.1554 m	0.4362 m	0.0000 m	0.0000 m	0.5916 m
22.84 m	0.1492 m	0.4152 m	0.0000 m	0.0000 m	0.5644 m
22.34 m	0.1430 m	0.3948 m	0.0000 m	0.0000 m	0.5378 m
21.84 m	0.1369 m	0.3750 m	0.0000 m	0.0000 m	0.5119 m
21.34 m	0.1310 m	0.3558 m	0.0000 m	0.0000 m	0.4868 m
20.84 m	0.1251 m	0.3372 m	0.0000 m	0.0000 m	0.4623 m
20.34 m	0.1194 m	0.3193 m	0.0000 m	0.0000 m	0.4386 m

20.34 m	0.1194 m	0.3193 m	0.0000 m	0.0000 m	0.4386 m
19.84 m	0.1138 m	0.3019 m	0.0000 m	0.0000 m	0.4156 m
19.34 m	0.1082 m	0.2850 m	0.0000 m	0.0000 m	0.3932 m
18.84 m	0.1028 m	0.2687 m	0.0000 m	0.0000 m	0.3715 m
18.34 m	0.0975 m	0.2529 m	0.0000 m	0.0000 m	0.3504 m
17.84 m	0.0923 m	0.2376 m	0.0000 m	0.0000 m	0.3299 m
17.34 m	0.0873 m	0.2228 m	0.0000 m	0.0000 m	0.3101 m
16.84 m	0.0823 m	0.2086 m	0.0000 m	0.0000 m	0.2909 m
16.34 m	0.0775 m	0.1949 m	0.0000 m	0.0000 m	0.2724 m
15.84 m	0.0728 m	0.1817 m	0.0000 m	0.0000 m	0.2545 m
15.34 m	0.0683 m	0.1690 m	0.0000 m	0.0000 m	0.2372 m
15.34 m	0.0683 m	0.1690 m	0.0000 m	0.0000 m	0.2372 m
14.84 m	0.0638 m	0.1568 m	0.0000 m	0.0000 m	0.2206 m
14.34 m	0.0595 m	0.1451 m	0.0000 m	0.0000 m	0.2047 m
13.84 m	0.0554 m	0.1341 m	0.0000 m	0.0000 m	0.1894 m
13.34 m	0.0514 m	0.1235 m	0.0000 m	0.0000 m	0.1749 m
12.84 m	0.0476 m	0.1134 m	0.0000 m	0.0000 m	0.1610 m
12.34 m	0.0439 m	0.1039 m	0.0000 m	0.0000 m	0.1478 m
11.84 m	0.0403 m	0.0949 m	0.0000 m	0.0000 m	0.1352 m
11.34 m	0.0370 m	0.0864 m	0.0000 m	0.0000 m	0.1233 m
10.84 m	0.0337 m	0.0783 m	0.0000 m	0.0000 m	0.1121 m
10.34 m	0.0307 m	0.0708 m	0.0000 m	0.0000 m	0.1014 m
10.34 m	0.0307 m	0.0708 m	0.0000 m	0.0000 m	0.1014 m
9.84 m	0.0278 m	0.0637 m	0.0000 m	0.0000 m	0.0914 m
9.34 m	0.0250 m	0.0569 m	0.0000 m	0.0000 m	0.0819 m
8.84 m	0.0224 m	0.0506 m	0.0000 m	0.0000 m	0.0730 m
8.34 m	0.0199 m	0.0447 m	0.0000 m	0.0000 m	0.0646 m
7.84 m	0.0175 m	0.0392 m	0.0000 m	0.0000 m	0.0567 m
7.34 m	0.0153 m	0.0341 m	0.0000 m	0.0000 m	0.0494 m
6.84 m	0.0132 m	0.0293 m	0.0000 m	0.0000 m	0.0425 m
6.34 m	0.0113 m	0.0249 m	0.0000 m	0.0000 m	0.0362 m
5.84 m	0.0095 m	0.0209 m	0.0000 m	0.0000 m	0.0304 m
5.34 m	0.0079 m	0.0172 m	0.0000 m	0.0000 m	0.0250 m
5.34 m	0.0079 m	0.0172 m	0.0000 m	0.0000 m	0.0250 m
4.72 m	0.0060 m	0.0131 m	0.0000 m	0.0000 m	0.0191 m
4.09 m	0.0044 m	0.0095 m	0.0000 m	0.0000 m	0.0139 m
3.49 m	0.0031 m	0.0067 m	0.0000 m	0.0000 m	0.0098 m
3.47 m	0.0031 m	0.0066 m	0.0000 m	0.0000 m	0.0096 m
2.84 m	0.0020 m	0.0042 m	0.0000 m	0.0000 m	0.0061 m
2.22 m	0.0011 m	0.0023 m	0.0000 m	0.0000 m	0.0034 m
1.59 m	0.0005 m	0.0010 m	0.0000 m	0.0000 m	0.0015 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0008 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0004 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

WEST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2304 m	0.7266 m	0.0000 m	0.0000 m	0.9570 m
30.23 m	0.2228 m	0.6983 m	0.0000 m	0.0000 m	0.9211 m
29.62 m	0.2151 m	0.6701 m	0.0000 m	0.0000 m	0.8852 m
29.49 m	0.2135 m	0.6642 m	0.0000 m	0.0000 m	0.8777 m
29.01 m	0.2075 m	0.6419 m	0.0000 m	0.0000 m	0.8494 m
28.40 m	0.1999 m	0.6140 m	0.0000 m	0.0000 m	0.8139 m
27.78 m	0.1923 m	0.5863 m	0.0000 m	0.0000 m	0.7786 m
27.17 m	0.1848 m	0.5590 m	0.0000 m	0.0000 m	0.7438 m
26.56 m	0.1773 m	0.5322 m	0.0000 m	0.0000 m	0.7095 m
25.95 m	0.1699 m	0.5058 m	0.0000 m	0.0000 m	0.6757 m
25.34 m	0.1626 m	0.4800 m	0.0000 m	0.0000 m	0.6425 m
25.34 m	0.1626 m	0.4800 m	0.0000 m	0.0000 m	0.6425 m
24.84 m	0.1566 m	0.4592 m	0.0000 m	0.0000 m	0.6158 m
24.34 m	0.1508 m	0.4388 m	0.0000 m	0.0000 m	0.5896 m
23.84 m	0.1450 m	0.4188 m	0.0000 m	0.0000 m	0.5638 m
23.34 m	0.1392 m	0.3992 m	0.0000 m	0.0000 m	0.5385 m
22.84 m	0.1336 m	0.3801 m	0.0000 m	0.0000 m	0.5137 m
22.34 m	0.1280 m	0.3615 m	0.0000 m	0.0000 m	0.4896 m
21.84 m	0.1226 m	0.3435 m	0.0000 m	0.0000 m	0.4660 m
21.34 m	0.1172 m	0.3259 m	0.0000 m	0.0000 m	0.4431 m
20.84 m	0.1119 m	0.3089 m	0.0000 m	0.0000 m	0.4209 m
20.34 m	0.1068 m	0.2925 m	0.0000 m	0.0000 m	0.3993 m
20.34 m	0.1068 m	0.2925 m	0.0000 m	0.0000 m	0.3993 m
19.84 m	0.1017 m	0.2766 m	0.0000 m	0.0000 m	0.3784 m
19.34 m	0.0968 m	0.2612 m	0.0000 m	0.0000 m	0.3580 m
18.84 m	0.0919 m	0.2463 m	0.0000 m	0.0000 m	0.3382 m
18.34 m	0.0872 m	0.2318 m	0.0000 m	0.0000 m	0.3190 m
17.84 m	0.0825 m	0.2178 m	0.0000 m	0.0000 m	0.3003 m
17.34 m	0.0780 m	0.2043 m	0.0000 m	0.0000 m	0.2823 m
16.84 m	0.0735 m	0.1913 m	0.0000 m	0.0000 m	0.2648 m
16.34 m	0.0692 m	0.1787 m	0.0000 m	0.0000 m	0.2479 m
15.84 m	0.0650 m	0.1666 m	0.0000 m	0.0000 m	0.2316 m
15.34 m	0.0609 m	0.1550 m	0.0000 m	0.0000 m	0.2159 m
15.34 m	0.0609 m	0.1550 m	0.0000 m	0.0000 m	0.2159 m
14.84 m	0.0569 m	0.1438 m	0.0000 m	0.0000 m	0.2007 m
14.34 m	0.0531 m	0.1332 m	0.0000 m	0.0000 m	0.1862 m
13.84 m	0.0494 m	0.1230 m	0.0000 m	0.0000 m	0.1724 m
13.34 m	0.0458 m	0.1133 m	0.0000 m	0.0000 m	0.1591 m
12.84 m	0.0424 m	0.1041 m	0.0000 m	0.0000 m	0.1465 m
12.34 m	0.0391 m	0.0953 m	0.0000 m	0.0000 m	0.1344 m
11.84 m	0.0359 m	0.0871 m	0.0000 m	0.0000 m	0.1230 m
11.34 m	0.0329 m	0.0792 m	0.0000 m	0.0000 m	0.1122 m
10.84 m	0.0300 m	0.0719 m	0.0000 m	0.0000 m	0.1019 m
10.34 m	0.0273 m	0.0649 m	0.0000 m	0.0000 m	0.0922 m
10.34 m	0.0273 m	0.0649 m	0.0000 m	0.0000 m	0.0922 m
9.84 m	0.0247 m	0.0584 m	0.0000 m	0.0000 m	0.0831 m
9.34 m	0.0222 m	0.0523 m	0.0000 m	0.0000 m	0.0745 m
8.84 m	0.0199 m	0.0465 m	0.0000 m	0.0000 m	0.0664 m
8.34 m	0.0176 m	0.0411 m	0.0000 m	0.0000 m	0.0587 m
7.84 m	0.0155 m	0.0360 m	0.0000 m	0.0000 m	0.0516 m
7.34 m	0.0136 m	0.0313 m	0.0000 m	0.0000 m	0.0449 m
6.84 m	0.0117 m	0.0269 m	0.0000 m	0.0000 m	0.0386 m
6.34 m	0.0100 m	0.0229 m	0.0000 m	0.0000 m	0.0329 m

5.84 m	0.0084 m	0.0191 m	0.0000 m	0.0000 m	0.0276 m
5.34 m	0.0070 m	0.0158 m	0.0000 m	0.0000 m	0.0227 m
5.34 m	0.0070 m	0.0158 m	0.0000 m	0.0000 m	0.0227 m
4.72 m	0.0053 m	0.0120 m	0.0000 m	0.0000 m	0.0173 m
4.09 m	0.0039 m	0.0087 m	0.0000 m	0.0000 m	0.0127 m
3.49 m	0.0028 m	0.0061 m	0.0000 m	0.0000 m	0.0089 m
3.47 m	0.0027 m	0.0060 m	0.0000 m	0.0000 m	0.0087 m
2.84 m	0.0017 m	0.0038 m	0.0000 m	0.0000 m	0.0056 m
2.22 m	0.0010 m	0.0021 m	0.0000 m	0.0000 m	0.0031 m
1.59 m	0.0004 m	0.0009 m	0.0000 m	0.0000 m	0.0014 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0007 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

NORTH WEST WIND

RL	SHAFT δ*	AREA δ*	POINT δ*	LINEAR δ*	COMBINED δ*
30.84 m	0.2569 m	0.8052 m	0.0000 m	0.0000 m	1.0621 m
30.23 m	0.2484 m	0.7732 m	0.0000 m	0.0000 m	1.0216 m
29.62 m	0.2399 m	0.7413 m	0.0000 m	0.0000 m	0.9812 m
29.49 m	0.2381 m	0.7346 m	0.0000 m	0.0000 m	0.9728 m
29.01 m	0.2314 m	0.7095 m	0.0000 m	0.0000 m	0.9409 m
28.40 m	0.2229 m	0.6780 m	0.0000 m	0.0000 m	0.9009 m
27.78 m	0.2145 m	0.6468 m	0.0000 m	0.0000 m	0.8613 m
27.17 m	0.2061 m	0.6161 m	0.0000 m	0.0000 m	0.8222 m
26.56 m	0.1978 m	0.5860 m	0.0000 m	0.0000 m	0.7838 m
25.95 m	0.1895 m	0.5565 m	0.0000 m	0.0000 m	0.7460 m
25.34 m	0.1813 m	0.5276 m	0.0000 m	0.0000 m	0.7089 m
25.34 m	0.1813 m	0.5276 m	0.0000 m	0.0000 m	0.7089 m
24.84 m	0.1747 m	0.5044 m	0.0000 m	0.0000 m	0.6791 m
24.34 m	0.1682 m	0.4817 m	0.0000 m	0.0000 m	0.6499 m
23.84 m	0.1617 m	0.4595 m	0.0000 m	0.0000 m	0.6212 m
23.34 m	0.1553 m	0.4378 m	0.0000 m	0.0000 m	0.5931 m
22.84 m	0.1490 m	0.4166 m	0.0000 m	0.0000 m	0.5657 m
22.34 m	0.1428 m	0.3961 m	0.0000 m	0.0000 m	0.5389 m
21.84 m	0.1368 m	0.3761 m	0.0000 m	0.0000 m	0.5128 m
21.34 m	0.1308 m	0.3567 m	0.0000 m	0.0000 m	0.4875 m
20.84 m	0.1249 m	0.3380 m	0.0000 m	0.0000 m	0.4629 m
20.34 m	0.1192 m	0.3200 m	0.0000 m	0.0000 m	0.4391 m
20.34 m	0.1192 m	0.3200 m	0.0000 m	0.0000 m	0.4391 m
19.84 m	0.1135 m	0.3025 m	0.0000 m	0.0000 m	0.4160 m
19.34 m	0.1080 m	0.2855 m	0.0000 m	0.0000 m	0.3935 m
18.84 m	0.1026 m	0.2691 m	0.0000 m	0.0000 m	0.3717 m
18.34 m	0.0973 m	0.2532 m	0.0000 m	0.0000 m	0.3505 m
17.84 m	0.0921 m	0.2379 m	0.0000 m	0.0000 m	0.3300 m
17.34 m	0.0870 m	0.2231 m	0.0000 m	0.0000 m	0.3101 m
16.84 m	0.0821 m	0.2088 m	0.0000 m	0.0000 m	0.2908 m
16.34 m	0.0772 m	0.1950 m	0.0000 m	0.0000 m	0.2723 m
15.84 m	0.0725 m	0.1818 m	0.0000 m	0.0000 m	0.2543 m
15.34 m	0.0680 m	0.1690 m	0.0000 m	0.0000 m	0.2370 m
15.34 m	0.0680 m	0.1690 m	0.0000 m	0.0000 m	0.2370 m
14.84 m	0.0635 m	0.1568 m	0.0000 m	0.0000 m	0.2204 m
14.34 m	0.0593 m	0.1452 m	0.0000 m	0.0000 m	0.2044 m
13.84 m	0.0551 m	0.1341 m	0.0000 m	0.0000 m	0.1892 m
13.34 m	0.0511 m	0.1235 m	0.0000 m	0.0000 m	0.1746 m
12.84 m	0.0473 m	0.1134 m	0.0000 m	0.0000 m	0.1607 m
12.34 m	0.0436 m	0.1039 m	0.0000 m	0.0000 m	0.1475 m
11.84 m	0.0401 m	0.0949 m	0.0000 m	0.0000 m	0.1350 m
11.34 m	0.0367 m	0.0863 m	0.0000 m	0.0000 m	0.1231 m
10.84 m	0.0335 m	0.0783 m	0.0000 m	0.0000 m	0.1118 m
10.34 m	0.0305 m	0.0707 m	0.0000 m	0.0000 m	0.1012 m
10.34 m	0.0305 m	0.0707 m	0.0000 m	0.0000 m	0.1012 m
9.84 m	0.0276 m	0.0636 m	0.0000 m	0.0000 m	0.0912 m
9.34 m	0.0248 m	0.0569 m	0.0000 m	0.0000 m	0.0817 m
8.84 m	0.0222 m	0.0506 m	0.0000 m	0.0000 m	0.0728 m
8.34 m	0.0197 m	0.0447 m	0.0000 m	0.0000 m	0.0644 m
7.84 m	0.0174 m	0.0392 m	0.0000 m	0.0000 m	0.0565 m
7.34 m	0.0152 m	0.0340 m	0.0000 m	0.0000 m	0.0492 m
6.84 m	0.0131 m	0.0293 m	0.0000 m	0.0000 m	0.0424 m
6.34 m	0.0112 m	0.0249 m	0.0000 m	0.0000 m	0.0361 m
5.84 m	0.0094 m	0.0208 m	0.0000 m	0.0000 m	0.0302 m
5.34 m	0.0078 m	0.0171 m	0.0000 m	0.0000 m	0.0249 m
5.34 m	0.0078 m	0.0171 m	0.0000 m	0.0000 m	0.0249 m
4.72 m	0.0060 m	0.0130 m	0.0000 m	0.0000 m	0.0190 m
4.09 m	0.0044 m	0.0095 m	0.0000 m	0.0000 m	0.0139 m
3.49 m	0.0031 m	0.0067 m	0.0000 m	0.0000 m	0.0097 m
3.47 m	0.0030 m	0.0066 m	0.0000 m	0.0000 m	0.0096 m
2.84 m	0.0019 m	0.0042 m	0.0000 m	0.0000 m	0.0061 m
2.22 m	0.0011 m	0.0023 m	0.0000 m	0.0000 m	0.0034 m
1.59 m	0.0005 m	0.0010 m	0.0000 m	0.0000 m	0.0015 m
1.24 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0008 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0004 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

LOAD CASE 4: G + Ps + Ws

NORTH WIND

RL	SHAFT δ	AREA δ	POINT δ	LINEAR δ	COMBINED δ
30.84 m	0.0956 m	0.3114 m	0.0000 m	0.0000 m	0.4070 m
30.23 m	0.0925 m	0.2990 m	0.0000 m	0.0000 m	0.3914 m
29.62 m	0.0893 m	0.2865 m	0.0000 m	0.0000 m	0.3759 m
29.49 m	0.0887 m	0.2839 m	0.0000 m	0.0000 m	0.3726 m
29.01 m	0.0862 m	0.2741 m	0.0000 m	0.0000 m	0.3604 m
28.40 m	0.0831 m	0.2619 m	0.0000 m	0.0000 m	0.3450 m
27.78 m	0.0800 m	0.2497 m	0.0000 m	0.0000 m	0.3297 m
27.17 m	0.0769 m	0.2378 m	0.0000 m	0.0000 m	0.3147 m
26.56 m	0.0738 m	0.2261 m	0.0000 m	0.0000 m	0.2999 m
25.95 m	0.0708 m	0.2146 m	0.0000 m	0.0000 m	0.2854 m
25.34 m	0.0678 m	0.2034 m	0.0000 m	0.0000 m	0.2711 m
25.34 m	0.0678 m	0.2034 m	0.0000 m	0.0000 m	0.2711 m

24.84 m	0.0653 m	0.1944 m	0.0000 m	0.0000 m	0.2597 m
24.34 m	0.0629 m	0.1856 m	0.0000 m	0.0000 m	0.2485 m
23.84 m	0.0605 m	0.1770 m	0.0000 m	0.0000 m	0.2375 m
23.34 m	0.0582 m	0.1686 m	0.0000 m	0.0000 m	0.2267 m
22.84 m	0.0558 m	0.1604 m	0.0000 m	0.0000 m	0.2162 m
22.34 m	0.0535 m	0.1525 m	0.0000 m	0.0000 m	0.2060 m
21.84 m	0.0513 m	0.1447 m	0.0000 m	0.0000 m	0.1960 m
21.34 m	0.0491 m	0.1373 m	0.0000 m	0.0000 m	0.1863 m
20.84 m	0.0469 m	0.1301 m	0.0000 m	0.0000 m	0.1769 m
20.34 m	0.0447 m	0.1231 m	0.0000 m	0.0000 m	0.1678 m
20.34 m	0.0447 m	0.1231 m	0.0000 m	0.0000 m	0.1678 m
19.84 m	0.0426 m	0.1163 m	0.0000 m	0.0000 m	0.1590 m
19.34 m	0.0406 m	0.1098 m	0.0000 m	0.0000 m	0.1504 m
18.84 m	0.0386 m	0.1035 m	0.0000 m	0.0000 m	0.1420 m
18.34 m	0.0366 m	0.0974 m	0.0000 m	0.0000 m	0.1340 m
17.84 m	0.0347 m	0.0915 m	0.0000 m	0.0000 m	0.1261 m
17.34 m	0.0328 m	0.0857 m	0.0000 m	0.0000 m	0.1185 m
16.84 m	0.0309 m	0.0802 m	0.0000 m	0.0000 m	0.1112 m
16.34 m	0.0291 m	0.0749 m	0.0000 m	0.0000 m	0.1041 m
15.84 m	0.0273 m	0.0699 m	0.0000 m	0.0000 m	0.0972 m
15.34 m	0.0256 m	0.0650 m	0.0000 m	0.0000 m	0.0906 m
15.34 m	0.0256 m	0.0650 m	0.0000 m	0.0000 m	0.0906 m
14.84 m	0.0240 m	0.0603 m	0.0000 m	0.0000 m	0.0842 m
14.34 m	0.0224 m	0.0558 m	0.0000 m	0.0000 m	0.0781 m
13.84 m	0.0208 m	0.0515 m	0.0000 m	0.0000 m	0.0723 m
13.34 m	0.0193 m	0.0474 m	0.0000 m	0.0000 m	0.0668 m
12.84 m	0.0179 m	0.0436 m	0.0000 m	0.0000 m	0.0614 m
12.34 m	0.0165 m	0.0399 m	0.0000 m	0.0000 m	0.0564 m
11.84 m	0.0152 m	0.0364 m	0.0000 m	0.0000 m	0.0516 m
11.34 m	0.0139 m	0.0331 m	0.0000 m	0.0000 m	0.0470 m
10.84 m	0.0127 m	0.0301 m	0.0000 m	0.0000 m	0.0427 m
10.34 m	0.0115 m	0.0272 m	0.0000 m	0.0000 m	0.0387 m
10.34 m	0.0115 m	0.0272 m	0.0000 m	0.0000 m	0.0387 m
9.84 m	0.0104 m	0.0244 m	0.0000 m	0.0000 m	0.0349 m
9.34 m	0.0094 m	0.0218 m	0.0000 m	0.0000 m	0.0312 m
8.84 m	0.0084 m	0.0194 m	0.0000 m	0.0000 m	0.0278 m
8.34 m	0.0075 m	0.0172 m	0.0000 m	0.0000 m	0.0246 m
7.84 m	0.0066 m	0.0150 m	0.0000 m	0.0000 m	0.0216 m
7.34 m	0.0058 m	0.0131 m	0.0000 m	0.0000 m	0.0188 m
6.84 m	0.0050 m	0.0112 m	0.0000 m	0.0000 m	0.0162 m
6.34 m	0.0042 m	0.0095 m	0.0000 m	0.0000 m	0.0138 m
5.84 m	0.0036 m	0.0080 m	0.0000 m	0.0000 m	0.0116 m
5.34 m	0.0030 m	0.0066 m	0.0000 m	0.0000 m	0.0095 m
5.34 m	0.0030 m	0.0066 m	0.0000 m	0.0000 m	0.0095 m
4.72 m	0.0023 m	0.0050 m	0.0000 m	0.0000 m	0.0073 m
4.09 m	0.0017 m	0.0036 m	0.0000 m	0.0000 m	0.0053 m
3.49 m	0.0012 m	0.0026 m	0.0000 m	0.0000 m	0.0037 m
3.47 m	0.0012 m	0.0025 m	0.0000 m	0.0000 m	0.0037 m
2.84 m	0.0007 m	0.0016 m	0.0000 m	0.0000 m	0.0023 m
2.22 m	0.0004 m	0.0009 m	0.0000 m	0.0000 m	0.0013 m
1.59 m	0.0002 m	0.0004 m	0.0000 m	0.0000 m	0.0006 m
1.24 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.97 m	0.0000 m	0.0001 m	0.0000 m	0.0000 m	0.0001 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

NORTH EAST WIND

RL	SHAFT δ	AREA δ	POINT δ	LINEAR δ	COMBINED δ
30.84 m	0.0890 m	0.2904 m	0.0000 m	0.0000 m	0.3794 m
30.23 m	0.0861 m	0.2790 m	0.0000 m	0.0000 m	0.3651 m
29.62 m	0.0831 m	0.2676 m	0.0000 m	0.0000 m	0.3508 m
29.49 m	0.0825 m	0.2653 m	0.0000 m	0.0000 m	0.3478 m
29.01 m	0.0802 m	0.2563 m	0.0000 m	0.0000 m	0.3365 m
28.40 m	0.0773 m	0.2451 m	0.0000 m	0.0000 m	0.3224 m
27.78 m	0.0744 m	0.2340 m	0.0000 m	0.0000 m	0.3084 m
27.17 m	0.0716 m	0.2230 m	0.0000 m	0.0000 m	0.2946 m
26.56 m	0.0687 m	0.2122 m	0.0000 m	0.0000 m	0.2809 m
25.95 m	0.0659 m	0.2017 m	0.0000 m	0.0000 m	0.2675 m
25.34 m	0.0631 m	0.1913 m	0.0000 m	0.0000 m	0.2544 m
25.34 m	0.0631 m	0.1913 m	0.0000 m	0.0000 m	0.2544 m
24.84 m	0.0608 m	0.1830 m	0.0000 m	0.0000 m	0.2438 m
24.34 m	0.0586 m	0.1748 m	0.0000 m	0.0000 m	0.2334 m
23.84 m	0.0563 m	0.1668 m	0.0000 m	0.0000 m	0.2231 m
23.34 m	0.0541 m	0.1590 m	0.0000 m	0.0000 m	0.2131 m
22.84 m	0.0520 m	0.1513 m	0.0000 m	0.0000 m	0.2033 m
22.34 m	0.0498 m	0.1439 m	0.0000 m	0.0000 m	0.1938 m
21.84 m	0.0477 m	0.1367 m	0.0000 m	0.0000 m	0.1844 m
21.34 m	0.0457 m	0.1297 m	0.0000 m	0.0000 m	0.1754 m
20.84 m	0.0436 m	0.1229 m	0.0000 m	0.0000 m	0.1666 m
20.34 m	0.0417 m	0.1164 m	0.0000 m	0.0000 m	0.1580 m
20.34 m	0.0417 m	0.1164 m	0.0000 m	0.0000 m	0.1580 m
19.84 m	0.0397 m	0.1100 m	0.0000 m	0.0000 m	0.1498 m
19.34 m	0.0378 m	0.1039 m	0.0000 m	0.0000 m	0.1417 m
18.84 m	0.0359 m	0.0979 m	0.0000 m	0.0000 m	0.1339 m
18.34 m	0.0341 m	0.0922 m	0.0000 m	0.0000 m	0.1263 m
17.84 m	0.0323 m	0.0866 m	0.0000 m	0.0000 m	0.1189 m
17.34 m	0.0305 m	0.0812 m	0.0000 m	0.0000 m	0.1117 m
16.84 m	0.0288 m	0.0760 m	0.0000 m	0.0000 m	0.1048 m
16.34 m	0.0271 m	0.0710 m	0.0000 m	0.0000 m	0.0982 m
15.84 m	0.0255 m	0.0662 m	0.0000 m	0.0000 m	0.0917 m
15.34 m	0.0239 m	0.0616 m	0.0000 m	0.0000 m	0.0855 m
15.34 m	0.0239 m	0.0616 m	0.0000 m	0.0000 m	0.0855 m
14.84 m	0.0223 m	0.0572 m	0.0000 m	0.0000 m	0.0795 m
14.34 m	0.0208 m	0.0529 m	0.0000 m	0.0000 m	0.0738 m
13.84 m	0.0194 m	0.0489 m	0.0000 m	0.0000 m	0.0683 m
13.34 m	0.0180 m	0.0450 m	0.0000 m	0.0000 m	0.0630 m
12.84 m	0.0167 m	0.0414 m	0.0000 m	0.0000 m	0.0580 m
12.34 m	0.0154 m	0.0379 m	0.0000 m	0.0000 m	0.0533 m
11.84 m	0.0141 m	0.0346 m	0.0000 m	0.0000 m	0.0487 m
11.34 m	0.0130 m	0.0315 m	0.0000 m	0.0000 m	0.0444 m
10.84 m	0.0118 m	0.0286 m	0.0000 m	0.0000 m	0.0404 m
10.34 m	0.0108 m	0.0258 m	0.0000 m	0.0000 m	0.0366 m

10.34 m	0.0108 m	0.0258 m	0.0000 m	0.0000 m	0.0366 m
9.84 m	0.0097 m	0.0232 m	0.0000 m	0.0000 m	0.0329 m
9.34 m	0.0088 m	0.0208 m	0.0000 m	0.0000 m	0.0295 m
8.84 m	0.0078 m	0.0185 m	0.0000 m	0.0000 m	0.0263 m
8.34 m	0.0070 m	0.0163 m	0.0000 m	0.0000 m	0.0233 m
7.84 m	0.0061 m	0.0143 m	0.0000 m	0.0000 m	0.0204 m
7.34 m	0.0054 m	0.0124 m	0.0000 m	0.0000 m	0.0178 m
6.84 m	0.0046 m	0.0107 m	0.0000 m	0.0000 m	0.0153 m
6.34 m	0.0040 m	0.0091 m	0.0000 m	0.0000 m	0.0130 m
5.84 m	0.0033 m	0.0076 m	0.0000 m	0.0000 m	0.0109 m
5.34 m	0.0028 m	0.0063 m	0.0000 m	0.0000 m	0.0090 m
5.34 m	0.0028 m	0.0063 m	0.0000 m	0.0000 m	0.0090 m
4.72 m	0.0021 m	0.0048 m	0.0000 m	0.0000 m	0.0069 m
4.09 m	0.0016 m	0.0035 m	0.0000 m	0.0000 m	0.0050 m
3.49 m	0.0011 m	0.0024 m	0.0000 m	0.0000 m	0.0035 m
3.47 m	0.0011 m	0.0024 m	0.0000 m	0.0000 m	0.0035 m
2.84 m	0.0007 m	0.0015 m	0.0000 m	0.0000 m	0.0022 m
2.22 m	0.0004 m	0.0008 m	0.0000 m	0.0000 m	0.0012 m
1.59 m	0.0002 m	0.0004 m	0.0000 m	0.0000 m	0.0005 m
1.24 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.97 m	0.0000 m	0.0001 m	0.0000 m	0.0000 m	0.0001 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

EAST WIND

RL	SHAFT δ	AREA δ	POINT δ	LINEAR δ	COMBINED δ
30.84 m	0.1155 m	0.3620 m	0.0000 m	0.0000 m	0.4775 m
30.23 m	0.1117 m	0.3479 m	0.0000 m	0.0000 m	0.4597 m
29.62 m	0.1080 m	0.3339 m	0.0000 m	0.0000 m	0.4419 m
29.49 m	0.1072 m	0.3310 m	0.0000 m	0.0000 m	0.4381 m
29.01 m	0.1042 m	0.3199 m	0.0000 m	0.0000 m	0.4241 m
28.40 m	0.1005 m	0.3060 m	0.0000 m	0.0000 m	0.4065 m
27.78 m	0.0967 m	0.2923 m	0.0000 m	0.0000 m	0.3890 m
27.17 m	0.0930 m	0.2787 m	0.0000 m	0.0000 m	0.3717 m
26.56 m	0.0893 m	0.2654 m	0.0000 m	0.0000 m	0.3547 m
25.95 m	0.0856 m	0.2523 m	0.0000 m	0.0000 m	0.3379 m
25.34 m	0.0820 m	0.2394 m	0.0000 m	0.0000 m	0.3214 m
25.34 m	0.0820 m	0.2394 m	0.0000 m	0.0000 m	0.3214 m
24.84 m	0.0791 m	0.2291 m	0.0000 m	0.0000 m	0.3081 m
24.34 m	0.0762 m	0.2189 m	0.0000 m	0.0000 m	0.2951 m
23.84 m	0.0733 m	0.2089 m	0.0000 m	0.0000 m	0.2822 m
23.34 m	0.0704 m	0.1992 m	0.0000 m	0.0000 m	0.2696 m
22.84 m	0.0676 m	0.1897 m	0.0000 m	0.0000 m	0.2573 m
22.34 m	0.0649 m	0.1804 m	0.0000 m	0.0000 m	0.2453 m
21.84 m	0.0622 m	0.1714 m	0.0000 m	0.0000 m	0.2335 m
21.34 m	0.0595 m	0.1626 m	0.0000 m	0.0000 m	0.2221 m
20.84 m	0.0569 m	0.1542 m	0.0000 m	0.0000 m	0.2110 m
20.34 m	0.0543 m	0.1460 m	0.0000 m	0.0000 m	0.2003 m
20.34 m	0.0543 m	0.1460 m	0.0000 m	0.0000 m	0.2003 m
19.84 m	0.0517 m	0.1381 m	0.0000 m	0.0000 m	0.1898 m
19.34 m	0.0493 m	0.1304 m	0.0000 m	0.0000 m	0.1796 m
18.84 m	0.0468 m	0.1229 m	0.0000 m	0.0000 m	0.1697 m
18.34 m	0.0444 m	0.1157 m	0.0000 m	0.0000 m	0.1601 m
17.84 m	0.0421 m	0.1087 m	0.0000 m	0.0000 m	0.1508 m
17.34 m	0.0398 m	0.1020 m	0.0000 m	0.0000 m	0.1418 m
16.84 m	0.0376 m	0.0955 m	0.0000 m	0.0000 m	0.1331 m
16.34 m	0.0354 m	0.0892 m	0.0000 m	0.0000 m	0.1246 m
15.84 m	0.0333 m	0.0832 m	0.0000 m	0.0000 m	0.1164 m
15.34 m	0.0312 m	0.0774 m	0.0000 m	0.0000 m	0.1086 m
15.34 m	0.0312 m	0.0774 m	0.0000 m	0.0000 m	0.1086 m
14.84 m	0.0292 m	0.0718 m	0.0000 m	0.0000 m	0.1010 m
14.34 m	0.0272 m	0.0665 m	0.0000 m	0.0000 m	0.0937 m
13.84 m	0.0254 m	0.0614 m	0.0000 m	0.0000 m	0.0868 m
13.34 m	0.0236 m	0.0566 m	0.0000 m	0.0000 m	0.0801 m
12.84 m	0.0218 m	0.0520 m	0.0000 m	0.0000 m	0.0738 m
12.34 m	0.0201 m	0.0476 m	0.0000 m	0.0000 m	0.0677 m
11.84 m	0.0185 m	0.0435 m	0.0000 m	0.0000 m	0.0620 m
11.34 m	0.0170 m	0.0396 m	0.0000 m	0.0000 m	0.0566 m
10.84 m	0.0155 m	0.0359 m	0.0000 m	0.0000 m	0.0514 m
10.34 m	0.0141 m	0.0324 m	0.0000 m	0.0000 m	0.0465 m
10.34 m	0.0141 m	0.0324 m	0.0000 m	0.0000 m	0.0465 m
9.84 m	0.0128 m	0.0292 m	0.0000 m	0.0000 m	0.0420 m
9.34 m	0.0115 m	0.0261 m	0.0000 m	0.0000 m	0.0376 m
8.84 m	0.0103 m	0.0232 m	0.0000 m	0.0000 m	0.0335 m
8.34 m	0.0092 m	0.0205 m	0.0000 m	0.0000 m	0.0297 m
7.84 m	0.0081 m	0.0180 m	0.0000 m	0.0000 m	0.0261 m
7.34 m	0.0071 m	0.0156 m	0.0000 m	0.0000 m	0.0227 m
6.84 m	0.0061 m	0.0134 m	0.0000 m	0.0000 m	0.0195 m
6.34 m	0.0052 m	0.0114 m	0.0000 m	0.0000 m	0.0166 m
5.84 m	0.0044 m	0.0096 m	0.0000 m	0.0000 m	0.0140 m
5.34 m	0.0036 m	0.0079 m	0.0000 m	0.0000 m	0.0115 m
5.34 m	0.0036 m	0.0079 m	0.0000 m	0.0000 m	0.0115 m
4.72 m	0.0028 m	0.0060 m	0.0000 m	0.0000 m	0.0088 m
4.09 m	0.0021 m	0.0044 m	0.0000 m	0.0000 m	0.0064 m
3.49 m	0.0014 m	0.0031 m	0.0000 m	0.0000 m	0.0045 m
3.47 m	0.0014 m	0.0030 m	0.0000 m	0.0000 m	0.0044 m
2.84 m	0.0009 m	0.0019 m	0.0000 m	0.0000 m	0.0028 m
2.22 m	0.0005 m	0.0011 m	0.0000 m	0.0000 m	0.0016 m
1.59 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0007 m
1.24 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0004 m
0.97 m	0.0001 m	0.0001 m	0.0000 m	0.0000 m	0.0002 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH EAST WIND

RL	SHAFT δ	AREA δ	POINT δ	LINEAR δ	COMBINED δ
30.84 m	0.1662 m	0.5087 m	0.0000 m	0.0000 m	0.6749 m
30.23 m	0.1607 m	0.4885 m	0.0000 m	0.0000 m	0.6493 m
29.62 m	0.1553 m	0.4684 m	0.0000 m	0.0000 m	0.6237 m
29.49 m	0.1541 m	0.4642 m	0.0000 m	0.0000 m	0.6183 m
29.01 m	0.1498 m	0.4484 m	0.0000 m	0.0000 m	0.5982 m

28.40 m	0.1444 m	0.4285 m	0.0000 m	0.0000 m	0.5729 m
27.78 m	0.1390 m	0.4088 m	0.0000 m	0.0000 m	0.5478 m
27.17 m	0.1336 m	0.3895 m	0.0000 m	0.0000 m	0.5231 m
26.56 m	0.1282 m	0.3705 m	0.0000 m	0.0000 m	0.4987 m
25.95 m	0.1229 m	0.3518 m	0.0000 m	0.0000 m	0.4748 m
25.34 m	0.1177 m	0.3336 m	0.0000 m	0.0000 m	0.4513 m
25.34 m	0.1177 m	0.3336 m	0.0000 m	0.0000 m	0.4513 m
24.84 m	0.1134 m	0.3190 m	0.0000 m	0.0000 m	0.4324 m
24.34 m	0.1092 m	0.3046 m	0.0000 m	0.0000 m	0.4139 m
23.84 m	0.1051 m	0.2906 m	0.0000 m	0.0000 m	0.3957 m
23.34 m	0.1010 m	0.2769 m	0.0000 m	0.0000 m	0.3779 m
22.84 m	0.0969 m	0.2635 m	0.0000 m	0.0000 m	0.3604 m
22.34 m	0.0929 m	0.2505 m	0.0000 m	0.0000 m	0.3435 m
21.84 m	0.0890 m	0.2379 m	0.0000 m	0.0000 m	0.3269 m
21.34 m	0.0851 m	0.2257 m	0.0000 m	0.0000 m	0.3108 m
20.84 m	0.0814 m	0.2138 m	0.0000 m	0.0000 m	0.2952 m
20.34 m	0.0776 m	0.2024 m	0.0000 m	0.0000 m	0.2801 m
20.34 m	0.0776 m	0.2024 m	0.0000 m	0.0000 m	0.2801 m
19.84 m	0.0740 m	0.1914 m	0.0000 m	0.0000 m	0.2654 m
19.34 m	0.0704 m	0.1806 m	0.0000 m	0.0000 m	0.2511 m
18.84 m	0.0669 m	0.1703 m	0.0000 m	0.0000 m	0.2372 m
18.34 m	0.0635 m	0.1602 m	0.0000 m	0.0000 m	0.2237 m
17.84 m	0.0601 m	0.1505 m	0.0000 m	0.0000 m	0.2107 m
17.34 m	0.0569 m	0.1411 m	0.0000 m	0.0000 m	0.1980 m
16.84 m	0.0536 m	0.1321 m	0.0000 m	0.0000 m	0.1858 m
16.34 m	0.0505 m	0.1234 m	0.0000 m	0.0000 m	0.1739 m
15.84 m	0.0475 m	0.1150 m	0.0000 m	0.0000 m	0.1625 m
15.34 m	0.0445 m	0.1070 m	0.0000 m	0.0000 m	0.1515 m
15.34 m	0.0445 m	0.1070 m	0.0000 m	0.0000 m	0.1515 m
14.84 m	0.0416 m	0.0993 m	0.0000 m	0.0000 m	0.1409 m
14.34 m	0.0388 m	0.0919 m	0.0000 m	0.0000 m	0.1307 m
13.84 m	0.0361 m	0.0848 m	0.0000 m	0.0000 m	0.1210 m
13.34 m	0.0335 m	0.0782 m	0.0000 m	0.0000 m	0.1117 m
12.84 m	0.0310 m	0.0718 m	0.0000 m	0.0000 m	0.1028 m
12.34 m	0.0286 m	0.0657 m	0.0000 m	0.0000 m	0.0944 m
11.84 m	0.0263 m	0.0600 m	0.0000 m	0.0000 m	0.0864 m
11.34 m	0.0241 m	0.0546 m	0.0000 m	0.0000 m	0.0788 m
10.84 m	0.0220 m	0.0495 m	0.0000 m	0.0000 m	0.0716 m
10.34 m	0.0200 m	0.0448 m	0.0000 m	0.0000 m	0.0648 m
10.34 m	0.0200 m	0.0448 m	0.0000 m	0.0000 m	0.0648 m
9.84 m	0.0181 m	0.0403 m	0.0000 m	0.0000 m	0.0584 m
9.34 m	0.0163 m	0.0360 m	0.0000 m	0.0000 m	0.0523 m
8.84 m	0.0146 m	0.0320 m	0.0000 m	0.0000 m	0.0466 m
8.34 m	0.0130 m	0.0283 m	0.0000 m	0.0000 m	0.0413 m
7.84 m	0.0114 m	0.0248 m	0.0000 m	0.0000 m	0.0362 m
7.34 m	0.0100 m	0.0215 m	0.0000 m	0.0000 m	0.0315 m
6.84 m	0.0086 m	0.0185 m	0.0000 m	0.0000 m	0.0272 m
6.34 m	0.0074 m	0.0157 m	0.0000 m	0.0000 m	0.0231 m
5.84 m	0.0062 m	0.0132 m	0.0000 m	0.0000 m	0.0194 m
5.34 m	0.0051 m	0.0108 m	0.0000 m	0.0000 m	0.0160 m
5.34 m	0.0051 m	0.0108 m	0.0000 m	0.0000 m	0.0160 m
4.72 m	0.0039 m	0.0082 m	0.0000 m	0.0000 m	0.0122 m
4.09 m	0.0029 m	0.0060 m	0.0000 m	0.0000 m	0.0089 m
3.49 m	0.0020 m	0.0042 m	0.0000 m	0.0000 m	0.0063 m
3.47 m	0.0020 m	0.0041 m	0.0000 m	0.0000 m	0.0062 m
2.84 m	0.0013 m	0.0026 m	0.0000 m	0.0000 m	0.0039 m
2.22 m	0.0007 m	0.0015 m	0.0000 m	0.0000 m	0.0022 m
1.59 m	0.0003 m	0.0006 m	0.0000 m	0.0000 m	0.0010 m
1.24 m	0.0002 m	0.0003 m	0.0000 m	0.0000 m	0.0005 m
0.97 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0002 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH WIND

RL	SHAFT δ	AREA δ	POINT δ	LINEAR δ	COMBINED δ
30.84 m	0.1314 m	0.4180 m	0.0000 m	0.0000 m	0.5494 m
30.23 m	0.1271 m	0.4013 m	0.0000 m	0.0000 m	0.5284 m
29.62 m	0.1228 m	0.3846 m	0.0000 m	0.0000 m	0.5074 m
29.49 m	0.1219 m	0.3811 m	0.0000 m	0.0000 m	0.5030 m
29.01 m	0.1185 m	0.3680 m	0.0000 m	0.0000 m	0.4865 m
28.40 m	0.1142 m	0.3516 m	0.0000 m	0.0000 m	0.4657 m
27.78 m	0.1099 m	0.3353 m	0.0000 m	0.0000 m	0.4452 m
27.17 m	0.1056 m	0.3193 m	0.0000 m	0.0000 m	0.4249 m
26.56 m	0.1014 m	0.3036 m	0.0000 m	0.0000 m	0.4050 m
25.95 m	0.0972 m	0.2882 m	0.0000 m	0.0000 m	0.3854 m
25.34 m	0.0931 m	0.2732 m	0.0000 m	0.0000 m	0.3662 m
25.34 m	0.0931 m	0.2732 m	0.0000 m	0.0000 m	0.3662 m
24.84 m	0.0897 m	0.2611 m	0.0000 m	0.0000 m	0.3508 m
24.34 m	0.0864 m	0.2493 m	0.0000 m	0.0000 m	0.3357 m
23.84 m	0.0831 m	0.2378 m	0.0000 m	0.0000 m	0.3209 m
23.34 m	0.0799 m	0.2265 m	0.0000 m	0.0000 m	0.3063 m
22.84 m	0.0767 m	0.2155 m	0.0000 m	0.0000 m	0.2922 m
22.34 m	0.0735 m	0.2048 m	0.0000 m	0.0000 m	0.2783 m
21.84 m	0.0704 m	0.1945 m	0.0000 m	0.0000 m	0.2649 m
21.34 m	0.0673 m	0.1845 m	0.0000 m	0.0000 m	0.2518 m
20.84 m	0.0643 m	0.1748 m	0.0000 m	0.0000 m	0.2391 m
20.34 m	0.0614 m	0.1654 m	0.0000 m	0.0000 m	0.2268 m
20.34 m	0.0614 m	0.1654 m	0.0000 m	0.0000 m	0.2268 m
19.84 m	0.0585 m	0.1563 m	0.0000 m	0.0000 m	0.2149 m
19.34 m	0.0557 m	0.1476 m	0.0000 m	0.0000 m	0.2033 m
18.84 m	0.0529 m	0.1391 m	0.0000 m	0.0000 m	0.1920 m
18.34 m	0.0502 m	0.1308 m	0.0000 m	0.0000 m	0.1811 m
17.84 m	0.0475 m	0.1229 m	0.0000 m	0.0000 m	0.1705 m
17.34 m	0.0449 m	0.1152 m	0.0000 m	0.0000 m	0.1602 m
16.84 m	0.0424 m	0.1079 m	0.0000 m	0.0000 m	0.1503 m
16.34 m	0.0399 m	0.1007 m	0.0000 m	0.0000 m	0.1407 m
15.84 m	0.0375 m	0.0939 m	0.0000 m	0.0000 m	0.1314 m
15.34 m	0.0352 m	0.0873 m	0.0000 m	0.0000 m	0.1225 m
15.34 m	0.0352 m	0.0873 m	0.0000 m	0.0000 m	0.1225 m
14.84 m	0.0329 m	0.0810 m	0.0000 m	0.0000 m	0.1139 m
14.34 m	0.0307 m	0.0750 m	0.0000 m	0.0000 m	0.1057 m

13.84 m	0.0286 m	0.0692 m	0.0000 m	0.0000 m	0.0978 m
13.34 m	0.0265 m	0.0638 m	0.0000 m	0.0000 m	0.0903 m
12.84 m	0.0245 m	0.0586 m	0.0000 m	0.0000 m	0.0831 m
12.34 m	0.0226 m	0.0536 m	0.0000 m	0.0000 m	0.0763 m
11.84 m	0.0208 m	0.0490 m	0.0000 m	0.0000 m	0.0698 m
11.34 m	0.0191 m	0.0446 m	0.0000 m	0.0000 m	0.0636 m
10.84 m	0.0174 m	0.0404 m	0.0000 m	0.0000 m	0.0578 m
10.34 m	0.0158 m	0.0365 m	0.0000 m	0.0000 m	0.0523 m
10.34 m	0.0158 m	0.0365 m	0.0000 m	0.0000 m	0.0523 m
9.84 m	0.0143 m	0.0328 m	0.0000 m	0.0000 m	0.0472 m
9.34 m	0.0129 m	0.0294 m	0.0000 m	0.0000 m	0.0423 m
8.84 m	0.0115 m	0.0261 m	0.0000 m	0.0000 m	0.0376 m
8.34 m	0.0102 m	0.0231 m	0.0000 m	0.0000 m	0.0333 m
7.84 m	0.0090 m	0.0202 m	0.0000 m	0.0000 m	0.0292 m
7.34 m	0.0079 m	0.0176 m	0.0000 m	0.0000 m	0.0255 m
6.84 m	0.0068 m	0.0151 m	0.0000 m	0.0000 m	0.0219 m
6.34 m	0.0058 m	0.0128 m	0.0000 m	0.0000 m	0.0187 m
5.84 m	0.0049 m	0.0107 m	0.0000 m	0.0000 m	0.0156 m
5.34 m	0.0041 m	0.0088 m	0.0000 m	0.0000 m	0.0129 m
5.34 m	0.0041 m	0.0088 m	0.0000 m	0.0000 m	0.0129 m
4.72 m	0.0031 m	0.0067 m	0.0000 m	0.0000 m	0.0098 m
4.09 m	0.0023 m	0.0049 m	0.0000 m	0.0000 m	0.0072 m
3.49 m	0.0016 m	0.0034 m	0.0000 m	0.0000 m	0.0050 m
3.47 m	0.0016 m	0.0034 m	0.0000 m	0.0000 m	0.0050 m
2.84 m	0.0010 m	0.0022 m	0.0000 m	0.0000 m	0.0032 m
2.22 m	0.0006 m	0.0012 m	0.0000 m	0.0000 m	0.0018 m
1.59 m	0.0002 m	0.0005 m	0.0000 m	0.0000 m	0.0008 m
1.24 m	0.0001 m	0.0003 m	0.0000 m	0.0000 m	0.0004 m
0.97 m	0.0001 m	0.0001 m	0.0000 m	0.0000 m	0.0002 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

SOUTH WEST WIND

RL	SHAFT δ	AREA δ	POINT δ	LINEAR δ	COMBINED δ
30.84 m	0.0985 m	0.3259 m	0.0000 m	0.0000 m	0.4245 m
30.23 m	0.0953 m	0.3132 m	0.0000 m	0.0000 m	0.4084 m
29.62 m	0.0921 m	0.3004 m	0.0000 m	0.0000 m	0.3924 m
29.49 m	0.0914 m	0.2977 m	0.0000 m	0.0000 m	0.3891 m
29.01 m	0.0888 m	0.2877 m	0.0000 m	0.0000 m	0.3765 m
28.40 m	0.0856 m	0.2750 m	0.0000 m	0.0000 m	0.3607 m
27.78 m	0.0824 m	0.2625 m	0.0000 m	0.0000 m	0.3450 m
27.17 m	0.0792 m	0.2502 m	0.0000 m	0.0000 m	0.3295 m
26.56 m	0.0761 m	0.2381 m	0.0000 m	0.0000 m	0.3142 m
25.95 m	0.0729 m	0.2263 m	0.0000 m	0.0000 m	0.2992 m
25.34 m	0.0698 m	0.2146 m	0.0000 m	0.0000 m	0.2844 m
25.34 m	0.0698 m	0.2146 m	0.0000 m	0.0000 m	0.2844 m
24.84 m	0.0673 m	0.2053 m	0.0000 m	0.0000 m	0.2726 m
24.34 m	0.0648 m	0.1961 m	0.0000 m	0.0000 m	0.2609 m
23.84 m	0.0624 m	0.1871 m	0.0000 m	0.0000 m	0.2495 m
23.34 m	0.0599 m	0.1783 m	0.0000 m	0.0000 m	0.2383 m
22.84 m	0.0575 m	0.1698 m	0.0000 m	0.0000 m	0.2273 m
22.34 m	0.0552 m	0.1614 m	0.0000 m	0.0000 m	0.2166 m
21.84 m	0.0528 m	0.1533 m	0.0000 m	0.0000 m	0.2062 m
21.34 m	0.0505 m	0.1455 m	0.0000 m	0.0000 m	0.1960 m
20.84 m	0.0483 m	0.1379 m	0.0000 m	0.0000 m	0.1862 m
20.34 m	0.0461 m	0.1305 m	0.0000 m	0.0000 m	0.1766 m
20.34 m	0.0461 m	0.1305 m	0.0000 m	0.0000 m	0.1766 m
19.84 m	0.0439 m	0.1234 m	0.0000 m	0.0000 m	0.1673 m
19.34 m	0.0418 m	0.1165 m	0.0000 m	0.0000 m	0.1583 m
18.84 m	0.0397 m	0.1098 m	0.0000 m	0.0000 m	0.1496 m
18.34 m	0.0377 m	0.1034 m	0.0000 m	0.0000 m	0.1411 m
17.84 m	0.0357 m	0.0971 m	0.0000 m	0.0000 m	0.1328 m
17.34 m	0.0337 m	0.0911 m	0.0000 m	0.0000 m	0.1248 m
16.84 m	0.0318 m	0.0853 m	0.0000 m	0.0000 m	0.1171 m
16.34 m	0.0300 m	0.0797 m	0.0000 m	0.0000 m	0.1096 m
15.84 m	0.0282 m	0.0743 m	0.0000 m	0.0000 m	0.1024 m
15.34 m	0.0264 m	0.0691 m	0.0000 m	0.0000 m	0.0955 m
15.34 m	0.0264 m	0.0691 m	0.0000 m	0.0000 m	0.0955 m
14.84 m	0.0247 m	0.0641 m	0.0000 m	0.0000 m	0.0888 m
14.34 m	0.0230 m	0.0593 m	0.0000 m	0.0000 m	0.0824 m
13.84 m	0.0214 m	0.0548 m	0.0000 m	0.0000 m	0.0762 m
13.34 m	0.0199 m	0.0505 m	0.0000 m	0.0000 m	0.0704 m
12.84 m	0.0184 m	0.0464 m	0.0000 m	0.0000 m	0.0648 m
12.34 m	0.0170 m	0.0425 m	0.0000 m	0.0000 m	0.0595 m
11.84 m	0.0156 m	0.0388 m	0.0000 m	0.0000 m	0.0544 m
11.34 m	0.0143 m	0.0353 m	0.0000 m	0.0000 m	0.0496 m
10.84 m	0.0131 m	0.0320 m	0.0000 m	0.0000 m	0.0451 m
10.34 m	0.0119 m	0.0289 m	0.0000 m	0.0000 m	0.0408 m
10.34 m	0.0119 m	0.0289 m	0.0000 m	0.0000 m	0.0408 m
9.84 m	0.0108 m	0.0260 m	0.0000 m	0.0000 m	0.0368 m
9.34 m	0.0097 m	0.0233 m	0.0000 m	0.0000 m	0.0330 m
8.84 m	0.0087 m	0.0207 m	0.0000 m	0.0000 m	0.0294 m
8.34 m	0.0077 m	0.0183 m	0.0000 m	0.0000 m	0.0260 m
7.84 m	0.0068 m	0.0160 m	0.0000 m	0.0000 m	0.0228 m
7.34 m	0.0059 m	0.0139 m	0.0000 m	0.0000 m	0.0199 m
6.84 m	0.0051 m	0.0120 m	0.0000 m	0.0000 m	0.0171 m
6.34 m	0.0044 m	0.0102 m	0.0000 m	0.0000 m	0.0146 m
5.84 m	0.0037 m	0.0085 m	0.0000 m	0.0000 m	0.0122 m
5.34 m	0.0030 m	0.0070 m	0.0000 m	0.0000 m	0.0101 m
5.34 m	0.0030 m	0.0070 m	0.0000 m	0.0000 m	0.0101 m
4.72 m	0.0023 m	0.0053 m	0.0000 m	0.0000 m	0.0077 m
4.09 m	0.0017 m	0.0039 m	0.0000 m	0.0000 m	0.0056 m
3.49 m	0.0012 m	0.0027 m	0.0000 m	0.0000 m	0.0039 m
3.47 m	0.0012 m	0.0027 m	0.0000 m	0.0000 m	0.0039 m
2.84 m	0.0008 m	0.0017 m	0.0000 m	0.0000 m	0.0025 m
2.22 m	0.0004 m	0.0009 m	0.0000 m	0.0000 m	0.0014 m
1.59 m	0.0002 m	0.0004 m	0.0000 m	0.0000 m	0.0006 m
1.24 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.97 m	0.0000 m	0.0001 m	0.0000 m	0.0000 m	0.0001 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

WEST WIND

RL	SHAFT δ	AREA δ	POINT δ	LINEAR δ	COMBINED δ
30.84 m	0.0881 m	0.2963 m	0.0000 m	0.0000 m	0.3844 m
30.23 m	0.0852 m	0.2848 m	0.0000 m	0.0000 m	0.3699 m
29.62 m	0.0823 m	0.2733 m	0.0000 m	0.0000 m	0.3555 m
29.49 m	0.0817 m	0.2709 m	0.0000 m	0.0000 m	0.3525 m
29.01 m	0.0794 m	0.2618 m	0.0000 m	0.0000 m	0.3411 m
28.40 m	0.0765 m	0.2504 m	0.0000 m	0.0000 m	0.3269 m
27.78 m	0.0736 m	0.2391 m	0.0000 m	0.0000 m	0.3127 m
27.17 m	0.0707 m	0.2280 m	0.0000 m	0.0000 m	0.2987 m
26.56 m	0.0679 m	0.2170 m	0.0000 m	0.0000 m	0.2849 m
25.95 m	0.0651 m	0.2063 m	0.0000 m	0.0000 m	0.2714 m
25.34 m	0.0623 m	0.1957 m	0.0000 m	0.0000 m	0.2580 m
25.34 m	0.0623 m	0.1957 m	0.0000 m	0.0000 m	0.2580 m
24.84 m	0.0600 m	0.1873 m	0.0000 m	0.0000 m	0.2473 m
24.34 m	0.0578 m	0.1789 m	0.0000 m	0.0000 m	0.2367 m
23.84 m	0.0556 m	0.1708 m	0.0000 m	0.0000 m	0.2264 m
23.34 m	0.0534 m	0.1628 m	0.0000 m	0.0000 m	0.2162 m
22.84 m	0.0513 m	0.1550 m	0.0000 m	0.0000 m	0.2063 m
22.34 m	0.0491 m	0.1474 m	0.0000 m	0.0000 m	0.1966 m
21.84 m	0.0471 m	0.1401 m	0.0000 m	0.0000 m	0.1871 m
21.34 m	0.0450 m	0.1329 m	0.0000 m	0.0000 m	0.1779 m
20.84 m	0.0430 m	0.1260 m	0.0000 m	0.0000 m	0.1690 m
20.34 m	0.0410 m	0.1193 m	0.0000 m	0.0000 m	0.1603 m
20.34 m	0.0410 m	0.1193 m	0.0000 m	0.0000 m	0.1603 m
19.84 m	0.0391 m	0.1128 m	0.0000 m	0.0000 m	0.1519 m
19.34 m	0.0372 m	0.1065 m	0.0000 m	0.0000 m	0.1437 m
18.84 m	0.0353 m	0.1004 m	0.0000 m	0.0000 m	0.1357 m
18.34 m	0.0335 m	0.0945 m	0.0000 m	0.0000 m	0.1280 m
17.84 m	0.0317 m	0.0888 m	0.0000 m	0.0000 m	0.1205 m
17.34 m	0.0300 m	0.0833 m	0.0000 m	0.0000 m	0.1133 m
16.84 m	0.0283 m	0.0780 m	0.0000 m	0.0000 m	0.1063 m
16.34 m	0.0266 m	0.0729 m	0.0000 m	0.0000 m	0.0995 m
15.84 m	0.0250 m	0.0679 m	0.0000 m	0.0000 m	0.0929 m
15.34 m	0.0234 m	0.0632 m	0.0000 m	0.0000 m	0.0866 m
15.34 m	0.0234 m	0.0632 m	0.0000 m	0.0000 m	0.0866 m
14.84 m	0.0219 m	0.0586 m	0.0000 m	0.0000 m	0.0805 m
14.34 m	0.0204 m	0.0543 m	0.0000 m	0.0000 m	0.0747 m
13.84 m	0.0190 m	0.0501 m	0.0000 m	0.0000 m	0.0692 m
13.34 m	0.0176 m	0.0462 m	0.0000 m	0.0000 m	0.0638 m
12.84 m	0.0163 m	0.0424 m	0.0000 m	0.0000 m	0.0588 m
12.34 m	0.0151 m	0.0389 m	0.0000 m	0.0000 m	0.0539 m
11.84 m	0.0138 m	0.0355 m	0.0000 m	0.0000 m	0.0493 m
11.34 m	0.0127 m	0.0323 m	0.0000 m	0.0000 m	0.0450 m
10.84 m	0.0116 m	0.0293 m	0.0000 m	0.0000 m	0.0409 m
10.34 m	0.0105 m	0.0265 m	0.0000 m	0.0000 m	0.0370 m
10.34 m	0.0105 m	0.0265 m	0.0000 m	0.0000 m	0.0370 m
9.84 m	0.0095 m	0.0238 m	0.0000 m	0.0000 m	0.0333 m
9.34 m	0.0086 m	0.0213 m	0.0000 m	0.0000 m	0.0299 m
8.84 m	0.0077 m	0.0190 m	0.0000 m	0.0000 m	0.0266 m
8.34 m	0.0068 m	0.0167 m	0.0000 m	0.0000 m	0.0235 m
7.84 m	0.0060 m	0.0147 m	0.0000 m	0.0000 m	0.0207 m
7.34 m	0.0052 m	0.0128 m	0.0000 m	0.0000 m	0.0180 m
6.84 m	0.0045 m	0.0110 m	0.0000 m	0.0000 m	0.0155 m
6.34 m	0.0039 m	0.0093 m	0.0000 m	0.0000 m	0.0132 m
5.84 m	0.0033 m	0.0078 m	0.0000 m	0.0000 m	0.0111 m
5.34 m	0.0027 m	0.0064 m	0.0000 m	0.0000 m	0.0091 m
5.34 m	0.0027 m	0.0064 m	0.0000 m	0.0000 m	0.0091 m
4.72 m	0.0021 m	0.0049 m	0.0000 m	0.0000 m	0.0069 m
4.09 m	0.0015 m	0.0036 m	0.0000 m	0.0000 m	0.0051 m
3.49 m	0.0011 m	0.0025 m	0.0000 m	0.0000 m	0.0036 m
3.47 m	0.0010 m	0.0025 m	0.0000 m	0.0000 m	0.0035 m
2.84 m	0.0007 m	0.0016 m	0.0000 m	0.0000 m	0.0022 m
2.22 m	0.0004 m	0.0009 m	0.0000 m	0.0000 m	0.0012 m
1.59 m	0.0002 m	0.0004 m	0.0000 m	0.0000 m	0.0005 m
1.24 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.97 m	0.0000 m	0.0001 m	0.0000 m	0.0000 m	0.0001 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

NORTH WEST WIND

RL	SHAFT δ	AREA δ	POINT δ	LINEAR δ	COMBINED δ
30.84 m	0.0984 m	0.3294 m	0.0000 m	0.0000 m	0.4279 m
30.23 m	0.0952 m	0.3164 m	0.0000 m	0.0000 m	0.4115 m
29.62 m	0.0920 m	0.3033 m	0.0000 m	0.0000 m	0.3953 m
29.49 m	0.0913 m	0.3006 m	0.0000 m	0.0000 m	0.3919 m
29.01 m	0.0887 m	0.2903 m	0.0000 m	0.0000 m	0.3790 m
28.40 m	0.0855 m	0.2774 m	0.0000 m	0.0000 m	0.3629 m
27.78 m	0.0823 m	0.2646 m	0.0000 m	0.0000 m	0.3469 m
27.17 m	0.0791 m	0.2521 m	0.0000 m	0.0000 m	0.3312 m
26.56 m	0.0759 m	0.2398 m	0.0000 m	0.0000 m	0.3157 m
25.95 m	0.0728 m	0.2277 m	0.0000 m	0.0000 m	0.3005 m
25.34 m	0.0697 m	0.2159 m	0.0000 m	0.0000 m	0.2855 m
25.34 m	0.0697 m	0.2159 m	0.0000 m	0.0000 m	0.2855 m
24.84 m	0.0672 m	0.2064 m	0.0000 m	0.0000 m	0.2735 m
24.34 m	0.0647 m	0.1971 m	0.0000 m	0.0000 m	0.2617 m
23.84 m	0.0622 m	0.1880 m	0.0000 m	0.0000 m	0.2502 m
23.34 m	0.0598 m	0.1791 m	0.0000 m	0.0000 m	0.2389 m
22.84 m	0.0574 m	0.1705 m	0.0000 m	0.0000 m	0.2278 m
22.34 m	0.0550 m	0.1620 m	0.0000 m	0.0000 m	0.2170 m
21.84 m	0.0527 m	0.1539 m	0.0000 m	0.0000 m	0.2065 m
21.34 m	0.0504 m	0.1460 m	0.0000 m	0.0000 m	0.1963 m
20.84 m	0.0481 m	0.1383 m	0.0000 m	0.0000 m	0.1864 m
20.34 m	0.0459 m	0.1309 m	0.0000 m	0.0000 m	0.1768 m
20.34 m	0.0459 m	0.1309 m	0.0000 m	0.0000 m	0.1768 m
19.84 m	0.0438 m	0.1237 m	0.0000 m	0.0000 m	0.1675 m
19.34 m	0.0416 m	0.1168 m	0.0000 m	0.0000 m	0.1584 m
18.84 m	0.0395 m	0.1101 m	0.0000 m	0.0000 m	0.1496 m
18.34 m	0.0375 m	0.1036 m	0.0000 m	0.0000 m	0.1411 m
17.84 m	0.0355 m	0.0973 m	0.0000 m	0.0000 m	0.1328 m
17.34 m	0.0336 m	0.0913 m	0.0000 m	0.0000 m	0.1248 m

16.84 m	0.0317 m	0.0854 m	0.0000 m	0.0000 m	0.1171 m
16.34 m	0.0298 m	0.0798 m	0.0000 m	0.0000 m	0.1096 m
15.84 m	0.0280 m	0.0744 m	0.0000 m	0.0000 m	0.1024 m
15.34 m	0.0262 m	0.0692 m	0.0000 m	0.0000 m	0.0954 m
15.34 m	0.0262 m	0.0692 m	0.0000 m	0.0000 m	0.0954 m
14.84 m	0.0245 m	0.0642 m	0.0000 m	0.0000 m	0.0887 m
14.34 m	0.0229 m	0.0594 m	0.0000 m	0.0000 m	0.0823 m
13.84 m	0.0213 m	0.0548 m	0.0000 m	0.0000 m	0.0761 m
13.34 m	0.0198 m	0.0505 m	0.0000 m	0.0000 m	0.0703 m
12.84 m	0.0183 m	0.0464 m	0.0000 m	0.0000 m	0.0647 m
12.34 m	0.0169 m	0.0425 m	0.0000 m	0.0000 m	0.0594 m
11.84 m	0.0155 m	0.0388 m	0.0000 m	0.0000 m	0.0543 m
11.34 m	0.0142 m	0.0353 m	0.0000 m	0.0000 m	0.0495 m
10.84 m	0.0130 m	0.0320 m	0.0000 m	0.0000 m	0.0450 m
10.34 m	0.0118 m	0.0289 m	0.0000 m	0.0000 m	0.0407 m
10.34 m	0.0118 m	0.0289 m	0.0000 m	0.0000 m	0.0407 m
9.84 m	0.0107 m	0.0260 m	0.0000 m	0.0000 m	0.0367 m
9.34 m	0.0096 m	0.0233 m	0.0000 m	0.0000 m	0.0329 m
8.84 m	0.0086 m	0.0207 m	0.0000 m	0.0000 m	0.0293 m
8.34 m	0.0076 m	0.0183 m	0.0000 m	0.0000 m	0.0259 m
7.84 m	0.0067 m	0.0160 m	0.0000 m	0.0000 m	0.0227 m
7.34 m	0.0059 m	0.0139 m	0.0000 m	0.0000 m	0.0198 m
6.84 m	0.0051 m	0.0120 m	0.0000 m	0.0000 m	0.0170 m
6.34 m	0.0043 m	0.0102 m	0.0000 m	0.0000 m	0.0145 m
5.84 m	0.0036 m	0.0085 m	0.0000 m	0.0000 m	0.0122 m
5.34 m	0.0030 m	0.0070 m	0.0000 m	0.0000 m	0.0100 m
5.34 m	0.0030 m	0.0070 m	0.0000 m	0.0000 m	0.0100 m
4.72 m	0.0023 m	0.0053 m	0.0000 m	0.0000 m	0.0076 m
4.09 m	0.0017 m	0.0039 m	0.0000 m	0.0000 m	0.0056 m
3.49 m	0.0012 m	0.0027 m	0.0000 m	0.0000 m	0.0039 m
3.47 m	0.0012 m	0.0027 m	0.0000 m	0.0000 m	0.0039 m
2.84 m	0.0008 m	0.0017 m	0.0000 m	0.0000 m	0.0025 m
2.22 m	0.0004 m	0.0009 m	0.0000 m	0.0000 m	0.0014 m
1.59 m	0.0002 m	0.0004 m	0.0000 m	0.0000 m	0.0006 m
1.24 m	0.0001 m	0.0002 m	0.0000 m	0.0000 m	0.0003 m
0.97 m	0.0000 m	0.0001 m	0.0000 m	0.0000 m	0.0001 m
0.34 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m	0.0000 m

----- SHAFT DESIGN (AS 4100) -----

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.45 kNm	525.58 kN	0.0004	[0.07%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.16 kNm	658.55 kN	0.0149	[3.84%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	102.84 kNm	663.22 kN	0.0148	[5.08%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.03 kNm	569.20 kN	0.0176	[7.56%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.53 kNm	591.01 kN	0.0173	[11.53%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.12 kNm	612.71 kN	0.0171	[15.13%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	159.80 kNm	634.52 kN	0.0169	[18.41%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	168.55 kNm	656.33 kN	0.0167	[21.44%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.36 kNm	678.14 kN	0.0165	[24.25%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	185.92 kNm	699.84 kN	0.0164	[26.89%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	227.74 kNm	815.66 kN	0.0141	[21.95%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	234.68 kNm	837.01 kN	0.0242	[24.42%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	244.35 kNm	858.35 kN	0.0238	[27.69%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	254.09 kNm	879.70 kN	0.0235	[30.73%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	263.88 kNm	901.04 kN	0.0232	[33.58%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	273.71 kNm	922.27 kN	0.0229	[36.25%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	283.57 kNm	943.62 kN	0.0226	[38.76%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	293.45 kNm	964.96 kN	0.0223	[41.14%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	303.36 kNm	986.31 kN	0.0221	[43.39%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	313.27 kNm	1007.65 kN	0.0219	[45.54%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	322.22 kNm	1029.00 kN	0.0216	[47.73%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	453.33 kNm	1330.86 kN	0.0167	[33.92%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	469.12 kNm	1359.67 kN	0.0165	[35.18%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	484.98 kNm	1388.37 kN	0.0164	[36.37%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	500.91 kNm	1417.06 kN	0.0162	[37.50%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	516.89 kNm	1445.75 kN	0.0161	[38.58%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	532.92 kNm	1474.56 kN	0.0159	[39.62%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	548.98 kNm	1503.26 kN	0.0158	[40.61%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	565.06 kNm	1531.95 kN	0.0157	[41.56%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	581.15 kNm	1560.76 kN	0.0155	[42.48%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	597.24 kNm	1589.45 kN	0.0154	[43.38%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	610.81 kNm	1618.15 kN	0.0153	[44.43%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	582.16 kNm	1571.26 kN	0.0158	[46.62%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	597.92 kNm	1599.72 kN	0.0157	[47.47%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	613.66 kNm	1628.18 kN	0.0156	[48.29%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	629.37 kNm	1656.64 kN	0.0155	[49.10%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	645.05 kNm	1684.98 kN	0.0154	[49.89%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	660.68 kNm	1713.44 kN	0.0153	[50.67%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	676.25 kNm	1741.90 kN	0.0152	[51.43%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	691.75 kNm	1770.36 kN	0.0151	[52.18%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	707.17 kNm	1798.71 kN	0.0150	[52.92%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	722.50 kNm	1827.17 kN	0.0149	[53.66%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	732.70 kNm	1855.63 kN	0.0148	[54.76%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	951.82 kNm	2253.60 kN	0.0122	[42.15%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	973.28 kNm	2289.18 kN	0.0122	[42.63%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	994.64 kNm	2324.64 kN	0.0121	[43.11%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1015.90 kNm	2360.21 kN	0.0120	[43.58%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1037.04 kNm	2395.79 kN	0.0120	[44.05%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1058.05 kNm	2431.24 kN	0.0119	[44.52%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1078.91 kNm	2466.82 kN	0.0118	[44.99%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1099.60 kNm	2502.39 kN	0.0118	[45.45%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1120.13 kNm	2537.97 kN	0.0117	[45.92%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1140.46 kNm	2573.43 kN	0.0116	[46.39%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1150.20 kNm	2609.00 kN	0.0115	[47.28%]

5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1098.40 kNm	2535.75 kN	0.0118	[49.51%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1123.54 kNm	2580.66 kN	0.0117	[50.04%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1148.36 kNm	2625.57 kN	0.0115	[50.58%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	827.67 kNm	2735.91 kN	0.0111	[72.32%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	828.57 kNm	2737.77 kN	0.0111	[72.35%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1196.93 kNm	2715.26 kN	0.0113	[51.65%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1220.64 kNm	2760.17 kN	0.0112	[52.19%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	890.30 kNm	2872.73 kN	0.0108	[73.68%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	901.82 kNm	2897.92 kN	0.0107	[73.92%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	910.80 kNm	2917.75 kN	0.0107	[74.12%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1289.11 kNm	2894.89 kN	0.0108	[53.85%]

NORTH EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.45 kNm	525.58 kN	0.0004	[0.06%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.16 kNm	658.55 kN	0.0123	[3.17%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	102.84 kNm	663.22 kN	0.0122	[4.21%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.03 kNm	569.20 kN	0.0145	[6.26%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.53 kNm	591.01 kN	0.0144	[9.55%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.12 kNm	612.71 kN	0.0142	[12.55%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	159.80 kNm	634.52 kN	0.0141	[15.30%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	168.55 kNm	656.33 kN	0.0140	[17.84%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.36 kNm	678.14 kN	0.0139	[20.20%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	185.92 kNm	699.84 kN	0.0138	[22.44%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	227.74 kNm	815.66 kN	0.0118	[18.32%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	234.68 kNm	837.01 kN	0.0233	[20.58%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	244.35 kNm	858.35 kN	0.0230	[23.84%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	254.09 kNm	879.70 kN	0.0226	[26.89%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	263.88 kNm	901.04 kN	0.0223	[29.73%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	273.71 kNm	922.27 kN	0.0220	[32.40%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	283.57 kNm	943.62 kN	0.0218	[34.91%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	293.45 kNm	964.96 kN	0.0215	[37.28%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	303.36 kNm	986.31 kN	0.0212	[39.53%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	313.27 kNm	1007.65 kN	0.0210	[41.66%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	322.22 kNm	1029.00 kN	0.0208	[43.83%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	453.33 kNm	1330.86 kN	0.0161	[31.15%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	469.12 kNm	1359.67 kN	0.0159	[32.41%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	484.98 kNm	1388.37 kN	0.0157	[33.60%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	500.91 kNm	1417.06 kN	0.0156	[34.73%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	516.89 kNm	1445.75 kN	0.0154	[35.81%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	532.92 kNm	1474.56 kN	0.0153	[36.84%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	548.98 kNm	1503.26 kN	0.0151	[37.83%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	565.06 kNm	1531.95 kN	0.0150	[38.78%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	581.15 kNm	1560.76 kN	0.0149	[39.69%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	597.24 kNm	1589.45 kN	0.0148	[40.58%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	610.81 kNm	1618.15 kN	0.0147	[41.61%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	582.16 kNm	1571.26 kN	0.0151	[43.66%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	597.92 kNm	1599.72 kN	0.0150	[44.50%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	613.66 kNm	1628.18 kN	0.0149	[45.32%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	629.37 kNm	1656.64 kN	0.0148	[46.11%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	645.05 kNm	1684.98 kN	0.0147	[46.89%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	660.68 kNm	1713.44 kN	0.0146	[47.66%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	676.25 kNm	1741.90 kN	0.0145	[48.41%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	691.75 kNm	1770.36 kN	0.0144	[49.14%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	707.17 kNm	1798.71 kN	0.0143	[49.87%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	722.50 kNm	1827.17 kN	0.0143	[50.59%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	732.70 kNm	1855.63 kN	0.0142	[51.66%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	951.82 kNm	2253.60 kN	0.0117	[39.77%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	973.28 kNm	2289.18 kN	0.0116	[40.23%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	994.64 kNm	2324.64 kN	0.0115	[40.70%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1015.90 kNm	2360.21 kN	0.0115	[41.16%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1037.04 kNm	2395.79 kN	0.0114	[41.62%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1058.05 kNm	2431.24 kN	0.0114	[42.08%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1078.91 kNm	2466.82 kN	0.0113	[42.53%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1099.60 kNm	2502.39 kN	0.0112	[42.99%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1120.13 kNm	2537.97 kN	0.0112	[43.44%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1140.46 kNm	2573.43 kN	0.0111	[43.90%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1150.20 kNm	2609.00 kN	0.0110	[44.75%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1098.40 kNm	2535.75 kN	0.0113	[46.86%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1123.54 kNm	2580.66 kN	0.0112	[47.39%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1148.36 kNm	2625.57 kN	0.0111	[47.92%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	827.67 kNm	2735.91 kN	0.0107	[68.54%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	828.57 kNm	2737.77 kN	0.0107	[68.57%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1196.93 kNm	2715.26 kN	0.0108	[48.97%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1220.64 kNm	2760.17 kN	0.0107	[49.51%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	890.30 kNm	2872.73 kN	0.0104	[69.92%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	901.82 kNm	2897.92 kN	0.0103	[70.16%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	910.80 kNm	2917.75 kN	0.0103	[70.36%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1289.11 kNm	2894.89 kN	0.0104	[51.14%]

EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.45 kNm	525.58 kN	0.0005	[0.08%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.16 kNm	658.55 kN	0.0143	[3.71%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	102.84 kNm	663.22 kN	0.0143	[4.93%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.03 kNm	569.20 kN	0.0170	[7.33%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.53 kNm	591.01 kN	0.0168	[11.19%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.12 kNm	612.71 kN	0.0167	[14.71%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	159.80 kNm	634.52 kN	0.0166	[17.95%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	168.55 kNm	656.33 kN	0.0165	[20.95%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.36 kNm	678.14 kN	0.0164	[23.74%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	185.92 kNm	699.84 kN	0.0163	[26.39%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	227.74 kNm	815.66 kN	0.0140	[21.55%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	234.68 kNm	837.01 kN	0.0294	[24.34%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	244.35 kNm	858.35 kN	0.0290	[28.51%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	254.09 kNm	879.70 kN	0.0285	[32.40%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	263.88 kNm	901.04 kN	0.0281	[36.04%]

22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	273.71 kNm	922.27 kN	0.0278	[39.45%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	283.57 kNm	943.62 kN	0.0274	[42.66%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	293.45 kNm	964.96 kN	0.0271	[45.69%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	303.36 kNm	986.31 kN	0.0268	[48.56%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	313.27 kNm	1007.65 kN	0.0265	[51.28%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	322.22 kNm	1029.00 kN	0.0262	[54.04%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	453.33 kNm	1330.86 kN	0.0203	[38.41%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	469.12 kNm	1359.67 kN	0.0200	[40.02%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	484.98 kNm	1388.37 kN	0.0198	[41.55%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	500.91 kNm	1417.06 kN	0.0196	[43.00%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	516.89 kNm	1445.75 kN	0.0195	[44.38%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	532.92 kNm	1474.56 kN	0.0193	[45.71%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	548.98 kNm	1503.26 kN	0.0191	[46.97%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	565.06 kNm	1531.95 kN	0.0190	[48.19%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	581.15 kNm	1560.76 kN	0.0188	[49.37%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	597.24 kNm	1589.45 kN	0.0187	[50.50%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	610.81 kNm	1618.15 kN	0.0186	[51.82%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	582.16 kNm	1571.26 kN	0.0191	[54.37%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	597.92 kNm	1599.72 kN	0.0190	[55.46%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	613.66 kNm	1628.18 kN	0.0188	[56.51%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	629.37 kNm	1656.64 kN	0.0187	[57.54%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	645.05 kNm	1684.98 kN	0.0186	[58.54%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	660.68 kNm	1713.44 kN	0.0185	[59.52%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	676.25 kNm	1741.90 kN	0.0184	[60.49%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	691.75 kNm	1770.36 kN	0.0183	[61.44%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	707.17 kNm	1798.71 kN	0.0182	[62.38%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	722.50 kNm	1827.17 kN	0.0181	[63.31%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	732.70 kNm	1855.63 kN	0.0180	[64.67%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	951.82 kNm	2253.60 kN	0.0148	[49.78%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	973.28 kNm	2289.18 kN	0.0148	[50.39%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	994.64 kNm	2324.64 kN	0.0147	[51.00%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1015.90 kNm	2360.21 kN	0.0146	[51.60%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1037.04 kNm	2395.79 kN	0.0145	[52.20%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1058.05 kNm	2431.24 kN	0.0145	[52.79%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1078.91 kNm	2466.82 kN	0.0144	[53.39%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1099.60 kNm	2502.39 kN	0.0143	[53.98%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1120.13 kNm	2537.97 kN	0.0143	[54.58%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1140.46 kNm	2573.43 kN	0.0142	[55.18%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1150.20 kNm	2609.00 kN	0.0141	[56.29%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1098.40 kNm	2535.75 kN	0.0146	[58.94%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1123.54 kNm	2580.66 kN	0.0145	[59.66%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1148.36 kNm	2625.57 kN	0.0144	[60.38%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	827.67 kNm	2735.91 kN	0.0140	[86.46%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	828.57 kNm	2737.77 kN	0.0139	[86.50%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1196.93 kNm	2715.26 kN	0.0142	[61.85%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1220.64 kNm	2760.17 kN	0.0141	[62.59%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	890.30 kNm	2872.73 kN	0.0136	[88.50%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	901.82 kNm	2897.92 kN	0.0135	[88.86%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	910.80 kNm	2917.75 kN	0.0135	[89.15%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1289.11 kNm	2894.89 kN	0.0137	[64.87%]

SOUTH EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.45 kNm	525.58 kN	0.0007	[0.11%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.16 kNm	658.55 kN	0.0228	[5.88%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	102.84 kNm	663.22 kN	0.0227	[7.80%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.03 kNm	569.20 kN	0.0270	[11.60%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.53 kNm	591.01 kN	0.0266	[17.68%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.12 kNm	612.71 kN	0.0263	[23.21%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	159.80 kNm	634.52 kN	0.0260	[28.27%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	168.55 kNm	656.33 kN	0.0257	[32.94%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.36 kNm	678.14 kN	0.0255	[37.27%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	185.92 kNm	699.84 kN	0.0253	[41.35%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	227.74 kNm	815.66 kN	0.0218	[33.76%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	234.68 kNm	837.01 kN	0.0399	[37.73%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	244.35 kNm	858.35 kN	0.0393	[43.19%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	254.09 kNm	879.70 kN	0.0387	[48.28%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	263.88 kNm	901.04 kN	0.0382	[53.04%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	273.71 kNm	922.27 kN	0.0377	[57.51%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	283.57 kNm	943.62 kN	0.0372	[61.71%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	293.45 kNm	964.96 kN	0.0368	[65.68%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	303.36 kNm	986.31 kN	0.0364	[69.44%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	313.27 kNm	1007.65 kN	0.0360	[73.02%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	322.22 kNm	1029.00 kN	0.0356	[76.66%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	453.33 kNm	1330.86 kN	0.0275	[54.49%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	469.12 kNm	1359.67 kN	0.0272	[56.59%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	484.98 kNm	1388.37 kN	0.0270	[58.58%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	500.91 kNm	1417.06 kN	0.0267	[60.47%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	516.89 kNm	1445.75 kN	0.0265	[62.28%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	532.92 kNm	1474.56 kN	0.0262	[64.01%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	548.98 kNm	1503.26 kN	0.0260	[65.66%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	565.06 kNm	1531.95 kN	0.0258	[67.26%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	581.15 kNm	1560.76 kN	0.0256	[68.80%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	597.24 kNm	1589.45 kN	0.0254	[70.29%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	610.81 kNm	1618.15 kN	0.0253	[72.04%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	582.16 kNm	1571.26 kN	0.0260	[75.59%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	597.92 kNm	1599.72 kN	0.0258	[77.01%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	613.66 kNm	1628.18 kN	0.0257	[78.39%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	629.37 kNm	1656.64 kN	0.0255	[79.74%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	645.05 kNm	1684.98 kN	0.0253	[81.06%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	660.68 kNm	1709.85 kN	0.0253	[82.36%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	676.25 kNm	1711.99 kN	0.0255	[83.64%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	691.75 kNm	1714.03 kN	0.0257	[84.89%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	707.17 kNm	1715.81 kN	0.0260	[86.14%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	722.50 kNm	1717.51 kN	0.0262	[87.37%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	732.70 kNm	1718.87 kN	0.0265	[89.20%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	951.82 kNm	2253.60 kN	0.0202	[68.67%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	973.28 kNm	2289.18 kN	0.0201	[69.47%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	994.64 kNm	2324.64 kN	0.0200	[70.27%]

8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1015.90 kNm	2360.21 kN	0.0199	[71.07%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1037.04 kNm	2395.79 kN	0.0198	[71.86%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1058.05 kNm	2431.24 kN	0.0197	[72.66%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1078.91 kNm	2466.82 kN	0.0196	[73.45%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1099.60 kNm	2502.39 kN	0.0196	[74.25%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1120.13 kNm	2537.97 kN	0.0194	[75.04%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1140.46 kNm	2573.43 kN	0.0192	[75.83%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1150.20 kNm	2609.00 kN	0.0191	[77.31%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1098.40 kNm	2535.75 kN	0.0196	[80.96%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1123.54 kNm	2580.66 kN	0.0194	[81.88%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1148.36 kNm	2625.57 kN	0.0192	[82.79%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	827.67 kNm	1701.94 kN	0.0297	[118.43%] #
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	828.57 kNm	1702.36 kN	0.0297	[118.48%] #
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1196.93 kNm	2715.26 kN	0.0187	[84.62%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1220.64 kNm	2760.17 kN	0.0185	[85.54%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	890.30 kNm	1784.76 kN	0.0288	[120.80%] #
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	901.82 kNm	1801.55 kN	0.0286	[121.22%] #
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	910.80 kNm	1814.68 kN	0.0285	[121.56%] #
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1289.11 kNm	2894.89 kN	0.0180	[88.35%]

SOUTH WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.45 kNm	525.58 kN	0.0006	[0.09%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.16 kNm	658.55 kN	0.0197	[5.08%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	102.84 kNm	663.22 kN	0.0196	[6.73%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.03 kNm	569.20 kN	0.0233	[10.01%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.53 kNm	591.01 kN	0.0229	[15.26%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.12 kNm	612.71 kN	0.0226	[20.02%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	159.80 kNm	634.52 kN	0.0223	[24.37%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	168.55 kNm	656.33 kN	0.0221	[28.37%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.36 kNm	678.14 kN	0.0219	[32.08%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	185.92 kNm	699.84 kN	0.0217	[35.58%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	227.74 kNm	815.66 kN	0.0186	[29.05%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	234.68 kNm	837.01 kN	0.0324	[32.34%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	244.35 kNm	858.35 kN	0.0319	[36.72%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	254.09 kNm	879.70 kN	0.0315	[40.81%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	263.88 kNm	901.04 kN	0.0311	[44.63%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	273.71 kNm	922.27 kN	0.0307	[48.21%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	283.57 kNm	943.62 kN	0.0303	[51.59%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	293.45 kNm	964.96 kN	0.0299	[54.77%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	303.36 kNm	986.31 kN	0.0296	[57.79%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	313.27 kNm	1007.65 kN	0.0293	[60.66%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	322.22 kNm	1029.00 kN	0.0290	[63.60%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	453.33 kNm	1330.86 kN	0.0224	[45.20%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	469.12 kNm	1359.67 kN	0.0222	[46.89%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	484.98 kNm	1388.37 kN	0.0219	[48.48%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	500.91 kNm	1417.06 kN	0.0217	[50.00%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	516.89 kNm	1445.75 kN	0.0215	[51.44%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	532.92 kNm	1474.56 kN	0.0213	[52.83%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	548.98 kNm	1503.26 kN	0.0211	[54.15%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	565.06 kNm	1531.95 kN	0.0210	[55.43%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	581.15 kNm	1560.76 kN	0.0208	[56.67%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	597.24 kNm	1589.45 kN	0.0207	[57.86%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	610.81 kNm	1618.15 kN	0.0205	[59.27%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	582.16 kNm	1571.26 kN	0.0211	[62.18%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	597.92 kNm	1599.72 kN	0.0210	[63.32%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	613.66 kNm	1628.18 kN	0.0208	[64.42%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	629.37 kNm	1656.64 kN	0.0207	[65.50%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	645.05 kNm	1684.98 kN	0.0206	[66.56%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	660.68 kNm	1713.44 kN	0.0204	[67.60%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	676.25 kNm	1741.90 kN	0.0203	[68.62%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	691.75 kNm	1770.36 kN	0.0202	[69.62%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	707.17 kNm	1798.71 kN	0.0201	[70.61%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	722.50 kNm	1827.17 kN	0.0200	[71.60%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	732.70 kNm	1855.63 kN	0.0199	[73.08%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	951.82 kNm	2253.60 kN	0.0164	[56.25%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	973.28 kNm	2289.18 kN	0.0163	[56.89%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	994.64 kNm	2324.64 kN	0.0162	[57.53%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1015.90 kNm	2360.21 kN	0.0161	[58.16%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1037.04 kNm	2395.79 kN	0.0160	[58.79%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1058.05 kNm	2431.24 kN	0.0159	[59.42%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1078.91 kNm	2466.82 kN	0.0159	[60.05%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1099.60 kNm	2502.39 kN	0.0158	[60.68%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1120.13 kNm	2537.97 kN	0.0157	[61.31%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1140.46 kNm	2573.43 kN	0.0155	[61.94%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1150.20 kNm	2609.00 kN	0.0154	[63.13%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1098.40 kNm	2535.75 kN	0.0158	[66.11%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1123.54 kNm	2580.66 kN	0.0156	[66.83%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1148.36 kNm	2625.57 kN	0.0154	[67.55%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	827.67 kNm	2498.16 kN	0.0163	[96.59%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	828.57 kNm	2499.31 kN	0.0163	[96.63%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1196.93 kNm	2715.26 kN	0.0151	[68.98%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1220.64 kNm	2760.17 kN	0.0149	[69.70%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	890.30 kNm	2625.67 kN	0.0158	[98.40%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	901.82 kNm	2650.42 kN	0.0157	[98.72%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	910.80 kNm	2669.82 kN	0.0156	[98.98%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1289.11 kNm	2894.89 kN	0.0144	[71.92%]

SOUTH WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.45 kNm	525.58 kN	0.0004	[0.07%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.16 kNm	658.55 kN	0.0139	[3.60%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	102.84 kNm	663.22 kN	0.0139	[4.77%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.03 kNm	569.20 kN	0.0165	[7.10%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.53 kNm	591.01 kN	0.0163	[10.83%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.12 kNm	612.71 kN	0.0161	[14.22%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	159.80 kNm	634.52 kN	0.0159	[17.34%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	168.55 kNm	656.33 kN	0.0158	[20.21%]

25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.36 kNm	678.14 kN	0.0157	[22.88%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	185.92 kNm	699.84 kN	0.0156	[25.41%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	227.74 kNm	815.66 kN	0.0134	[20.74%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	234.68 kNm	837.01 kN	0.0262	[23.29%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	244.35 kNm	858.35 kN	0.0258	[26.94%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	254.09 kNm	879.70 kN	0.0254	[30.34%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	263.88 kNm	901.04 kN	0.0250	[33.52%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	273.71 kNm	922.27 kN	0.0247	[36.50%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	283.57 kNm	943.62 kN	0.0244	[39.31%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	293.45 kNm	964.96 kN	0.0241	[41.95%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	303.36 kNm	986.31 kN	0.0238	[44.46%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	313.27 kNm	1007.65 kN	0.0235	[46.83%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	322.22 kNm	1029.00 kN	0.0233	[49.25%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	453.33 kNm	1330.86 kN	0.0180	[35.01%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	469.12 kNm	1359.67 kN	0.0178	[36.41%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	484.98 kNm	1388.37 kN	0.0176	[37.73%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	500.91 kNm	1417.06 kN	0.0174	[38.99%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	516.89 kNm	1445.75 kN	0.0173	[40.19%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	532.92 kNm	1474.56 kN	0.0171	[41.33%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	548.98 kNm	1503.26 kN	0.0169	[42.43%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	565.06 kNm	1531.95 kN	0.0168	[43.48%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	581.15 kNm	1560.76 kN	0.0167	[44.49%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	597.24 kNm	1589.45 kN	0.0165	[45.47%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	610.81 kNm	1618.15 kN	0.0164	[46.62%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	582.16 kNm	1571.26 kN	0.0169	[48.91%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	597.92 kNm	1599.72 kN	0.0167	[49.84%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	613.66 kNm	1628.18 kN	0.0166	[50.74%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	629.37 kNm	1656.64 kN	0.0165	[51.62%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	645.05 kNm	1684.98 kN	0.0164	[52.48%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	660.68 kNm	1713.44 kN	0.0163	[53.32%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	676.25 kNm	1741.90 kN	0.0162	[54.14%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	691.75 kNm	1770.36 kN	0.0160	[54.95%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	707.17 kNm	1798.71 kN	0.0160	[55.75%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	722.50 kNm	1827.17 kN	0.0159	[56.54%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	732.70 kNm	1855.63 kN	0.0158	[57.72%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	951.82 kNm	2253.60 kN	0.0130	[44.43%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	973.28 kNm	2289.18 kN	0.0129	[44.94%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	994.64 kNm	2324.64 kN	0.0128	[45.45%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1015.90 kNm	2360.21 kN	0.0127	[45.95%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1037.04 kNm	2395.79 kN	0.0127	[46.45%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1058.05 kNm	2431.24 kN	0.0126	[46.95%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1078.91 kNm	2466.82 kN	0.0125	[47.44%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1099.60 kNm	2502.39 kN	0.0125	[47.94%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1120.13 kNm	2537.97 kN	0.0124	[48.44%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1140.46 kNm	2573.43 kN	0.0123	[48.93%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1150.20 kNm	2609.00 kN	0.0122	[49.88%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1098.40 kNm	2535.75 kN	0.0125	[52.23%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1123.54 kNm	2580.66 kN	0.0124	[52.80%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1148.36 kNm	2625.57 kN	0.0122	[53.37%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	827.67 kNm	2735.91 kN	0.0118	[76.32%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	828.57 kNm	2737.77 kN	0.0118	[76.35%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1196.93 kNm	2715.26 kN	0.0120	[54.51%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1220.64 kNm	2760.17 kN	0.0118	[55.08%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	890.30 kNm	2872.73 kN	0.0114	[77.77%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	901.82 kNm	2897.92 kN	0.0114	[78.03%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	910.80 kNm	2917.75 kN	0.0113	[78.23%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1289.11 kNm	2894.89 kN	0.0115	[56.85%]

WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.45 kNm	525.58 kN	0.0004	[0.06%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.16 kNm	658.55 kN	0.0120	[3.12%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	102.84 kNm	663.22 kN	0.0120	[4.14%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.03 kNm	569.20 kN	0.0143	[6.16%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.53 kNm	591.01 kN	0.0141	[9.40%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.12 kNm	612.71 kN	0.0140	[12.36%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	159.80 kNm	634.52 kN	0.0139	[15.08%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	168.55 kNm	656.33 kN	0.0138	[17.59%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.36 kNm	678.14 kN	0.0137	[19.93%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	185.92 kNm	699.84 kN	0.0136	[22.15%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	227.74 kNm	815.66 kN	0.0117	[18.08%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	234.68 kNm	837.01 kN	0.0241	[20.38%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	244.35 kNm	858.35 kN	0.0238	[23.79%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	254.09 kNm	879.70 kN	0.0234	[26.97%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	263.88 kNm	901.04 kN	0.0231	[29.93%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	273.71 kNm	922.27 kN	0.0227	[32.71%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	283.57 kNm	943.62 kN	0.0224	[35.33%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	293.45 kNm	964.96 kN	0.0222	[37.80%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	303.36 kNm	986.31 kN	0.0219	[40.13%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	313.27 kNm	1007.65 kN	0.0217	[42.34%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	322.22 kNm	1029.00 kN	0.0214	[44.59%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	453.33 kNm	1330.86 kN	0.0166	[31.69%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	469.12 kNm	1359.67 kN	0.0164	[33.00%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	484.98 kNm	1388.37 kN	0.0162	[34.23%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	500.91 kNm	1417.06 kN	0.0160	[35.40%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	516.89 kNm	1445.75 kN	0.0158	[36.52%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	532.92 kNm	1474.56 kN	0.0157	[37.58%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	548.98 kNm	1503.26 kN	0.0155	[38.60%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	565.06 kNm	1531.95 kN	0.0154	[39.57%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	581.15 kNm	1560.76 kN	0.0153	[40.51%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	597.24 kNm	1589.45 kN	0.0151	[41.42%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	610.81 kNm	1618.15 kN	0.0150	[42.47%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	582.16 kNm	1571.26 kN	0.0155	[44.56%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	597.92 kNm	1599.72 kN	0.0153	[45.42%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	613.66 kNm	1628.18 kN	0.0152	[46.26%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	629.37 kNm	1656.64 kN	0.0151	[47.06%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	645.05 kNm	1684.98 kN	0.0150	[47.85%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	660.68 kNm	1713.44 kN	0.0149	[48.62%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	676.25 kNm	1741.90 kN	0.0147	[49.38%]

11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	691.75 kNm	1770.36 kN	0.0146	[50.12%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	707.17 kNm	1798.71 kN	0.0145	[50.85%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	722.50 kNm	1827.17 kN	0.0144	[51.56%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	732.70 kNm	1855.63 kN	0.0144	[52.64%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	951.82 kNm	2253.60 kN	0.0118	[40.52%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	973.28 kNm	2289.18 kN	0.0117	[40.98%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	994.64 kNm	2324.64 kN	0.0116	[41.44%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1015.90 kNm	2360.21 kN	0.0116	[41.89%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1037.04 kNm	2395.79 kN	0.0115	[42.34%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1058.05 kNm	2431.24 kN	0.0114	[42.78%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1078.91 kNm	2466.82 kN	0.0113	[43.23%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1099.60 kNm	2502.39 kN	0.0112	[43.67%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1120.13 kNm	2537.97 kN	0.0111	[44.10%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1140.46 kNm	2573.43 kN	0.0110	[44.54%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1150.20 kNm	2609.00 kN	0.0110	[45.38%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1098.40 kNm	2535.75 kN	0.0113	[47.53%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1123.54 kNm	2580.66 kN	0.0111	[48.03%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1148.36 kNm	2625.57 kN	0.0110	[48.53%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	827.67 kNm	2735.91 kN	0.0106	[69.38%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	828.57 kNm	2737.77 kN	0.0106	[69.41%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1196.93 kNm	2715.26 kN	0.0108	[49.54%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1220.64 kNm	2760.17 kN	0.0107	[50.05%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	890.30 kNm	2872.73 kN	0.0103	[70.65%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	901.82 kNm	2897.92 kN	0.0103	[70.88%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	910.80 kNm	2917.75 kN	0.0102	[71.06%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1289.11 kNm	2894.89 kN	0.0104	[51.62%]

NORTH WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.45 kNm	525.58 kN	0.0005	[0.07%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.16 kNm	658.55 kN	0.0151	[3.90%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	102.84 kNm	663.22 kN	0.0151	[5.17%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.03 kNm	569.20 kN	0.0179	[7.69%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.53 kNm	591.01 kN	0.0176	[11.73%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.12 kNm	612.71 kN	0.0174	[15.39%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	159.80 kNm	634.52 kN	0.0172	[18.75%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	168.55 kNm	656.33 kN	0.0170	[21.84%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.36 kNm	678.14 kN	0.0169	[24.71%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	185.92 kNm	699.84 kN	0.0168	[27.41%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	227.74 kNm	815.66 kN	0.0144	[22.38%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	234.68 kNm	837.01 kN	0.0260	[24.98%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	244.35 kNm	858.35 kN	0.0256	[28.54%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	254.09 kNm	879.70 kN	0.0252	[31.85%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	263.88 kNm	901.04 kN	0.0249	[34.94%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	273.71 kNm	922.27 kN	0.0246	[37.85%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	283.57 kNm	943.62 kN	0.0242	[40.58%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	293.45 kNm	964.96 kN	0.0239	[43.16%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	303.36 kNm	986.31 kN	0.0237	[45.60%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	313.27 kNm	1007.65 kN	0.0234	[47.92%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	322.22 kNm	1029.00 kN	0.0232	[50.29%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	453.33 kNm	1330.86 kN	0.0179	[35.74%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	469.12 kNm	1359.67 kN	0.0177	[37.10%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	484.98 kNm	1388.37 kN	0.0175	[38.39%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	500.91 kNm	1417.06 kN	0.0173	[39.61%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	516.89 kNm	1445.75 kN	0.0172	[40.78%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	532.92 kNm	1474.56 kN	0.0170	[41.89%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	548.98 kNm	1503.26 kN	0.0168	[42.96%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	565.06 kNm	1531.95 kN	0.0167	[43.98%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	581.15 kNm	1560.76 kN	0.0166	[44.97%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	597.24 kNm	1589.45 kN	0.0164	[45.92%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	610.81 kNm	1618.15 kN	0.0163	[47.04%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	582.16 kNm	1571.26 kN	0.0168	[49.36%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	597.92 kNm	1599.72 kN	0.0166	[50.26%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	613.66 kNm	1628.18 kN	0.0165	[51.14%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	629.37 kNm	1656.64 kN	0.0164	[51.99%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	645.05 kNm	1684.98 kN	0.0163	[52.83%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	660.68 kNm	1713.44 kN	0.0162	[53.64%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	676.25 kNm	1741.90 kN	0.0160	[54.44%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	691.75 kNm	1770.36 kN	0.0159	[55.23%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	707.17 kNm	1798.71 kN	0.0158	[56.01%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	722.50 kNm	1827.17 kN	0.0157	[56.77%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	732.70 kNm	1855.63 kN	0.0156	[57.93%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	951.82 kNm	2253.60 kN	0.0129	[44.59%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	973.28 kNm	2289.18 kN	0.0128	[45.09%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	994.64 kNm	2324.64 kN	0.0127	[45.58%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1015.90 kNm	2360.21 kN	0.0126	[46.06%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1037.04 kNm	2395.79 kN	0.0125	[46.54%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1058.05 kNm	2431.24 kN	0.0124	[47.02%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1078.91 kNm	2466.82 kN	0.0123	[47.49%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1099.60 kNm	2502.39 kN	0.0123	[47.96%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1120.13 kNm	2537.97 kN	0.0122	[48.43%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1140.46 kNm	2573.43 kN	0.0120	[48.90%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1150.20 kNm	2609.00 kN	0.0119	[49.82%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1098.40 kNm	2535.75 kN	0.0123	[52.17%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1123.54 kNm	2580.66 kN	0.0121	[52.71%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1148.36 kNm	2625.57 kN	0.0120	[53.25%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	827.67 kNm	2735.91 kN	0.0116	[76.11%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	828.57 kNm	2737.77 kN	0.0116	[76.14%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1196.93 kNm	2715.26 kN	0.0117	[54.33%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1220.64 kNm	2760.17 kN	0.0116	[54.88%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	890.30 kNm	2872.73 kN	0.0112	[77.45%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	901.82 kNm	2897.92 kN	0.0112	[77.68%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	910.80 kNm	2917.75 kN	0.0111	[77.88%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1289.11 kNm	2894.89 kN	0.0113	[56.57%]

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION

30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.47 kNm	525.58 kN	0.0004	[0.06%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.44 kNm	658.55 kN	0.0149	[3.82%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.12 kNm	663.22 kN	0.0148	[5.04%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.43 kNm	569.20 kN	0.0176	[7.49%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.99 kNm	591.01 kN	0.0173	[11.42%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.66 kNm	612.71 kN	0.0171	[14.98%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.42 kNm	634.52 kN	0.0169	[18.24%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.25 kNm	656.33 kN	0.0167	[21.23%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	178.15 kNm	678.14 kN	0.0165	[23.99%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.88 kNm	699.84 kN	0.0164	[26.59%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.92 kNm	815.66 kN	0.0141	[21.71%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.69 kNm	837.01 kN	0.0242	[24.06%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	246.53 kNm	858.35 kN	0.0238	[27.27%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	256.44 kNm	879.70 kN	0.0235	[30.26%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	266.42 kNm	901.04 kN	0.0232	[33.05%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	276.45 kNm	922.27 kN	0.0229	[35.66%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	286.52 kNm	943.62 kN	0.0226	[38.12%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	296.62 kNm	964.96 kN	0.0223	[40.45%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	306.76 kNm	986.31 kN	0.0221	[42.64%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	316.91 kNm	1007.65 kN	0.0219	[44.73%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	326.35 kNm	1029.00 kN	0.0216	[46.83%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	459.15 kNm	1330.86 kN	0.0167	[33.28%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	475.40 kNm	1359.67 kN	0.0165	[34.49%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	491.76 kNm	1388.37 kN	0.0164	[35.64%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	508.21 kNm	1417.06 kN	0.0162	[36.73%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	524.75 kNm	1445.75 kN	0.0161	[37.76%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	541.35 kNm	1474.56 kN	0.0159	[38.75%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	558.02 kNm	1503.26 kN	0.0158	[39.70%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	574.74 kNm	1531.95 kN	0.0157	[40.60%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	591.50 kNm	1560.76 kN	0.0155	[41.48%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	608.29 kNm	1589.45 kN	0.0154	[42.32%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	623.22 kNm	1618.15 kN	0.0153	[43.27%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	593.99 kNm	1571.26 kN	0.0158	[45.40%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	610.50 kNm	1599.72 kN	0.0157	[46.19%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	627.02 kNm	1628.18 kN	0.0156	[46.97%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	643.54 kNm	1656.64 kN	0.0155	[47.72%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	660.06 kNm	1684.98 kN	0.0154	[48.45%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	676.57 kNm	1713.44 kN	0.0153	[49.17%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	693.05 kNm	1741.90 kN	0.0152	[49.87%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	709.50 kNm	1770.36 kN	0.0151	[50.56%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	725.91 kNm	1798.71 kN	0.0150	[51.24%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	742.26 kNm	1827.17 kN	0.0149	[51.91%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	754.78 kNm	1855.63 kN	0.0148	[52.84%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	980.50 kNm	2253.60 kN	0.0122	[40.67%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	1003.68 kNm	2289.18 kN	0.0122	[41.09%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1026.83 kNm	2324.64 kN	0.0121	[41.51%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1049.95 kNm	2360.21 kN	0.0120	[41.92%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1073.01 kNm	2395.79 kN	0.0120	[42.32%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1096.02 kNm	2431.24 kN	0.0119	[42.73%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1118.96 kNm	2466.82 kN	0.0118	[43.13%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1141.81 kNm	2502.39 kN	0.0118	[43.53%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1164.57 kNm	2537.97 kN	0.0117	[43.92%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1187.22 kNm	2573.43 kN	0.0116	[44.31%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1201.95 kNm	2609.00 kN	0.0115	[44.99%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1147.81 kNm	2535.75 kN	0.0118	[47.12%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1176.01 kNm	2580.66 kN	0.0117	[47.55%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1204.02 kNm	2625.57 kN	0.0115	[47.98%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	869.24 kNm	2735.91 kN	0.0111	[68.51%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	870.24 kNm	2737.77 kN	0.0111	[68.53%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1259.37 kNm	2715.26 kN	0.0113	[48.84%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1286.66 kNm	2760.17 kN	0.0112	[49.27%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	940.23 kNm	2872.73 kN	0.0108	[69.43%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	953.42 kNm	2897.92 kN	0.0107	[69.59%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	963.74 kNm	2917.75 kN	0.0107	[69.72%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1366.74 kNm	2894.89 kN	0.0108	[50.56%]

NORTH EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.47 kNm	525.58 kN	0.0004	[0.06%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.44 kNm	658.55 kN	0.0123	[3.16%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.12 kNm	663.22 kN	0.0122	[4.17%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.43 kNm	569.20 kN	0.0145	[6.20%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.99 kNm	591.01 kN	0.0144	[9.46%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.66 kNm	612.71 kN	0.0142	[12.42%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.42 kNm	634.52 kN	0.0141	[15.14%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.25 kNm	656.33 kN	0.0140	[17.65%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	178.15 kNm	678.14 kN	0.0139	[19.98%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.88 kNm	699.84 kN	0.0138	[22.17%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.92 kNm	815.66 kN	0.0118	[18.10%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.69 kNm	837.01 kN	0.0233	[20.26%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	246.53 kNm	858.35 kN	0.0230	[23.47%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	256.44 kNm	879.70 kN	0.0226	[26.46%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	266.42 kNm	901.04 kN	0.0223	[29.25%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	276.45 kNm	922.27 kN	0.0220	[31.87%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	286.52 kNm	943.62 kN	0.0218	[34.33%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	296.62 kNm	964.96 kN	0.0215	[36.64%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	306.76 kNm	986.31 kN	0.0212	[38.84%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	316.91 kNm	1007.65 kN	0.0210	[40.92%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	326.35 kNm	1029.00 kN	0.0208	[42.99%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	459.15 kNm	1330.86 kN	0.0161	[30.56%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	475.40 kNm	1359.67 kN	0.0159	[31.77%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	491.76 kNm	1388.37 kN	0.0157	[32.92%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	508.21 kNm	1417.06 kN	0.0156	[34.01%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	524.75 kNm	1445.75 kN	0.0154	[35.05%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	541.35 kNm	1474.56 kN	0.0153	[36.03%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	558.02 kNm	1503.26 kN	0.0151	[36.98%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	574.74 kNm	1531.95 kN	0.0150	[37.88%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	591.50 kNm	1560.76 kN	0.0149	[38.75%]

15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	608.29 kNm	1589.45 kN	0.0148	[39.59%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	623.22 kNm	1618.15 kN	0.0147	[40.52%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	593.99 kNm	1571.26 kN	0.0151	[42.52%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	610.50 kNm	1599.72 kN	0.0150	[43.31%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	627.02 kNm	1628.18 kN	0.0149	[44.07%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	643.54 kNm	1656.64 kN	0.0148	[44.82%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	660.06 kNm	1684.98 kN	0.0147	[45.54%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	676.57 kNm	1713.44 kN	0.0146	[46.25%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	693.05 kNm	1741.90 kN	0.0145	[46.94%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	709.50 kNm	1770.36 kN	0.0144	[47.62%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	725.91 kNm	1798.71 kN	0.0143	[48.29%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	742.26 kNm	1827.17 kN	0.0143	[48.94%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	754.78 kNm	1855.63 kN	0.0142	[49.84%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	980.50 kNm	2253.60 kN	0.0117	[38.37%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	1003.68 kNm	2289.18 kN	0.0116	[38.78%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1026.83 kNm	2324.64 kN	0.0115	[39.19%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1049.95 kNm	2360.21 kN	0.0115	[39.59%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1073.01 kNm	2395.79 kN	0.0114	[39.99%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1096.02 kNm	2431.24 kN	0.0114	[40.38%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1118.96 kNm	2466.82 kN	0.0113	[40.78%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1141.81 kNm	2502.39 kN	0.0112	[41.17%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1164.57 kNm	2537.97 kN	0.0112	[41.55%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1187.22 kNm	2573.43 kN	0.0111	[41.94%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1201.95 kNm	2609.00 kN	0.0110	[42.59%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1147.81 kNm	2535.75 kN	0.0113	[44.60%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1176.01 kNm	2580.66 kN	0.0112	[45.03%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1204.02 kNm	2625.57 kN	0.0111	[45.46%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	869.24 kNm	2735.91 kN	0.0107	[64.94%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	870.24 kNm	2737.77 kN	0.0107	[64.95%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1259.37 kNm	2715.26 kN	0.0108	[46.31%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1286.66 kNm	2760.17 kN	0.0107	[46.74%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	940.23 kNm	2872.73 kN	0.0104	[65.89%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	953.42 kNm	2897.92 kN	0.0103	[66.05%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	963.74 kNm	2917.75 kN	0.0103	[66.18%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1366.74 kNm	2894.89 kN	0.0104	[48.02%]

EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.47 kNm	525.58 kN	0.0005	[0.07%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.44 kNm	658.55 kN	0.0143	[3.69%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.12 kNm	663.22 kN	0.0143	[4.88%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.43 kNm	569.20 kN	0.0170	[7.26%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.99 kNm	591.01 kN	0.0168	[11.08%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.66 kNm	612.71 kN	0.0167	[14.56%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.42 kNm	634.52 kN	0.0166	[17.76%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.25 kNm	656.33 kN	0.0165	[20.72%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	178.15 kNm	678.14 kN	0.0164	[23.47%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.88 kNm	699.84 kN	0.0163	[26.08%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.92 kNm	815.66 kN	0.0140	[21.29%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.69 kNm	837.01 kN	0.0294	[23.96%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	246.53 kNm	858.35 kN	0.0290	[28.06%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	256.44 kNm	879.70 kN	0.0285	[31.88%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	266.42 kNm	901.04 kN	0.0281	[35.45%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	276.45 kNm	922.27 kN	0.0278	[38.80%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	286.52 kNm	943.62 kN	0.0274	[41.94%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	296.62 kNm	964.96 kN	0.0271	[44.90%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	306.76 kNm	986.31 kN	0.0268	[47.71%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	316.91 kNm	1007.65 kN	0.0265	[50.36%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	326.35 kNm	1029.00 kN	0.0262	[53.01%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	459.15 kNm	1330.86 kN	0.0203	[37.68%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	475.40 kNm	1359.67 kN	0.0200	[39.24%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	491.76 kNm	1388.37 kN	0.0198	[40.71%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	508.21 kNm	1417.06 kN	0.0196	[42.11%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	524.75 kNm	1445.75 kN	0.0195	[43.44%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	541.35 kNm	1474.56 kN	0.0193	[44.70%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	558.02 kNm	1503.26 kN	0.0191	[45.92%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	574.74 kNm	1531.95 kN	0.0190	[47.08%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	591.50 kNm	1560.76 kN	0.0188	[48.19%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	608.29 kNm	1589.45 kN	0.0187	[49.27%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	623.22 kNm	1618.15 kN	0.0186	[50.47%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	593.99 kNm	1571.26 kN	0.0191	[52.95%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	610.50 kNm	1599.72 kN	0.0190	[53.97%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	627.02 kNm	1628.18 kN	0.0188	[54.96%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	643.54 kNm	1656.64 kN	0.0187	[55.91%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	660.06 kNm	1684.98 kN	0.0186	[56.85%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	676.57 kNm	1713.44 kN	0.0185	[57.76%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	693.05 kNm	1741.90 kN	0.0184	[58.66%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	709.50 kNm	1770.36 kN	0.0183	[59.53%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	725.91 kNm	1798.71 kN	0.0182	[60.40%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	742.26 kNm	1827.17 kN	0.0181	[61.25%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	754.78 kNm	1855.63 kN	0.0180	[62.40%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	980.50 kNm	2253.60 kN	0.0148	[48.04%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	1003.68 kNm	2289.18 kN	0.0148	[48.57%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1026.83 kNm	2324.64 kN	0.0147	[49.11%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1049.95 kNm	2360.21 kN	0.0146	[49.63%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1073.01 kNm	2395.79 kN	0.0145	[50.15%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1096.02 kNm	2431.24 kN	0.0145	[50.67%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1118.96 kNm	2466.82 kN	0.0144	[51.18%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1141.81 kNm	2502.39 kN	0.0143	[51.69%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1164.57 kNm	2537.97 kN	0.0143	[52.20%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1187.22 kNm	2573.43 kN	0.0142	[52.71%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1201.95 kNm	2609.00 kN	0.0141	[53.57%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1147.81 kNm	2535.75 kN	0.0146	[56.10%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1176.01 kNm	2580.66 kN	0.0145	[56.69%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1204.02 kNm	2625.57 kN	0.0144	[57.29%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	869.24 kNm	2735.91 kN	0.0140	[81.91%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	870.24 kNm	2737.77 kN	0.0139	[81.94%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1259.37 kNm	2715.26 kN	0.0142	[58.49%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1286.66 kNm	2760.17 kN	0.0141	[59.09%]

1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	940.23 kNm	2872.73 kN	0.0136	[83.40%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	953.42 kNm	2897.92 kN	0.0135	[83.66%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	963.74 kNm	2917.75 kN	0.0135	[83.87%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1366.74 kNm	2894.89 kN	0.0137	[60.91%]

SOUTH EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.47 kNm	525.58 kN	0.0007	[0.10%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.44 kNm	658.55 kN	0.0228	[5.85%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.12 kNm	663.22 kN	0.0227	[7.72%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.43 kNm	569.20 kN	0.0270	[11.49%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.99 kNm	591.01 kN	0.0266	[17.51%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.66 kNm	612.71 kN	0.0263	[22.98%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.42 kNm	634.52 kN	0.0260	[27.99%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.25 kNm	656.33 kN	0.0257	[32.59%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	178.15 kNm	678.14 kN	0.0255	[36.86%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.88 kNm	699.84 kN	0.0253	[40.88%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.92 kNm	815.66 kN	0.0218	[33.37%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.69 kNm	837.01 kN	0.0399	[37.16%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	246.53 kNm	858.35 kN	0.0393	[42.53%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	256.44 kNm	879.70 kN	0.0387	[47.53%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	266.42 kNm	901.04 kN	0.0382	[52.20%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	276.45 kNm	922.27 kN	0.0377	[56.57%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	286.52 kNm	943.62 kN	0.0372	[60.69%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	296.62 kNm	964.96 kN	0.0368	[64.56%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	306.76 kNm	986.31 kN	0.0364	[68.24%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	316.91 kNm	1007.65 kN	0.0360	[71.72%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	326.35 kNm	1029.00 kN	0.0356	[75.21%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	459.15 kNm	1330.86 kN	0.0275	[53.46%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	475.40 kNm	1359.67 kN	0.0272	[55.48%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	491.76 kNm	1388.37 kN	0.0270	[57.40%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	508.21 kNm	1417.06 kN	0.0267	[59.22%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	524.75 kNm	1445.75 kN	0.0265	[60.95%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	541.35 kNm	1474.56 kN	0.0262	[62.61%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	558.02 kNm	1503.26 kN	0.0260	[64.19%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	574.74 kNm	1531.95 kN	0.0258	[65.71%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	591.50 kNm	1560.76 kN	0.0256	[67.17%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	608.29 kNm	1589.45 kN	0.0254	[68.58%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	623.22 kNm	1618.15 kN	0.0253	[70.16%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	593.99 kNm	1571.26 kN	0.0260	[73.61%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	610.50 kNm	1599.72 kN	0.0258	[74.94%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	627.02 kNm	1628.18 kN	0.0257	[76.24%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	643.54 kNm	1656.64 kN	0.0255	[77.49%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	660.06 kNm	1684.98 kN	0.0253	[78.72%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	676.57 kNm	1713.44 kN	0.0252	[79.92%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	693.05 kNm	1725.17 kN	0.0253	[81.10%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	709.50 kNm	1727.50 kN	0.0255	[82.26%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	725.91 kNm	1729.55 kN	0.0258	[83.40%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	742.26 kNm	1731.51 kN	0.0260	[84.52%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	754.78 kNm	1733.14 kN	0.0263	[86.07%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	980.50 kNm	2253.60 kN	0.0202	[66.26%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	1003.68 kNm	2289.18 kN	0.0201	[66.97%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1026.83 kNm	2324.64 kN	0.0200	[67.67%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1049.95 kNm	2360.21 kN	0.0199	[68.36%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1073.01 kNm	2395.79 kN	0.0198	[69.05%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1096.02 kNm	2431.24 kN	0.0197	[69.73%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1118.96 kNm	2466.82 kN	0.0196	[70.42%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1141.81 kNm	2502.39 kN	0.0196	[71.10%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1164.57 kNm	2537.97 kN	0.0194	[71.77%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1187.22 kNm	2573.43 kN	0.0192	[72.44%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1201.95 kNm	2609.00 kN	0.0191	[73.58%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1147.81 kNm	2535.75 kN	0.0196	[77.05%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1176.01 kNm	2580.66 kN	0.0194	[77.80%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1204.02 kNm	2625.57 kN	0.0192	[78.55%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	869.24 kNm	1723.93 kN	0.0294	[112.19%] #
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	870.24 kNm	1724.60 kN	0.0293	[112.23%] #
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1259.37 kNm	2715.26 kN	0.0187	[80.02%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1286.66 kNm	2760.17 kN	0.0185	[80.75%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	940.23 kNm	1806.42 kN	0.0285	[113.84%] #
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	953.42 kNm	1823.07 kN	0.0283	[114.12%] #
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	963.74 kNm	1836.09 kN	0.0282	[114.35%] #
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1366.74 kNm	2894.89 kN	0.0180	[82.96%]

SOUTH WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.47 kNm	525.58 kN	0.0006	[0.09%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.44 kNm	658.55 kN	0.0197	[5.05%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.12 kNm	663.22 kN	0.0196	[6.67%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.43 kNm	569.20 kN	0.0233	[9.92%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.99 kNm	591.01 kN	0.0229	[15.12%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.66 kNm	612.71 kN	0.0226	[19.83%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.42 kNm	634.52 kN	0.0223	[24.13%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.25 kNm	656.33 kN	0.0221	[28.09%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	178.15 kNm	678.14 kN	0.0219	[31.75%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.88 kNm	699.84 kN	0.0217	[35.19%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.92 kNm	815.66 kN	0.0186	[28.72%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.69 kNm	837.01 kN	0.0324	[31.86%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	246.53 kNm	858.35 kN	0.0319	[36.17%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	256.44 kNm	879.70 kN	0.0315	[40.18%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	266.42 kNm	901.04 kN	0.0311	[43.92%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	276.45 kNm	922.27 kN	0.0307	[47.43%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	286.52 kNm	943.62 kN	0.0303	[50.73%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	296.62 kNm	964.96 kN	0.0299	[53.85%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	306.76 kNm	986.31 kN	0.0296	[56.79%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	316.91 kNm	1007.65 kN	0.0293	[59.59%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	326.35 kNm	1029.00 kN	0.0290	[62.40%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	459.15 kNm	1330.86 kN	0.0224	[44.35%]

19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	475.40 kNm	1359.67 kN	0.0222	[45.97%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	491.76 kNm	1388.37 kN	0.0219	[47.51%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	508.21 kNm	1417.06 kN	0.0217	[48.97%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	524.75 kNm	1445.75 kN	0.0215	[50.35%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	541.35 kNm	1474.56 kN	0.0213	[51.67%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	558.02 kNm	1503.26 kN	0.0211	[52.94%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	574.74 kNm	1531.95 kN	0.0210	[54.15%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	591.50 kNm	1560.76 kN	0.0208	[55.32%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	608.29 kNm	1589.45 kN	0.0207	[56.45%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	623.22 kNm	1618.15 kN	0.0205	[57.72%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	593.99 kNm	1571.26 kN	0.0211	[60.56%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	610.50 kNm	1599.72 kN	0.0210	[61.62%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	627.02 kNm	1628.18 kN	0.0208	[62.65%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	643.54 kNm	1656.64 kN	0.0207	[63.66%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	660.06 kNm	1684.98 kN	0.0206	[64.64%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	676.57 kNm	1713.44 kN	0.0204	[65.60%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	693.05 kNm	1741.90 kN	0.0203	[66.54%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	709.50 kNm	1770.36 kN	0.0202	[67.46%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	725.91 kNm	1798.71 kN	0.0201	[68.37%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	742.26 kNm	1827.17 kN	0.0200	[69.27%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	754.78 kNm	1855.63 kN	0.0199	[70.51%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	980.50 kNm	2253.60 kN	0.0164	[54.28%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	1003.68 kNm	2289.18 kN	0.0163	[54.84%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1026.83 kNm	2324.64 kN	0.0162	[55.39%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1049.95 kNm	2360.21 kN	0.0161	[55.94%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1073.01 kNm	2395.79 kN	0.0160	[56.49%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1096.02 kNm	2431.24 kN	0.0159	[57.03%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1118.96 kNm	2466.82 kN	0.0159	[57.57%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1141.81 kNm	2502.39 kN	0.0158	[58.11%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1164.57 kNm	2537.97 kN	0.0157	[58.64%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1187.22 kNm	2573.43 kN	0.0155	[59.17%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1201.95 kNm	2609.00 kN	0.0154	[60.08%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1147.81 kNm	2535.75 kN	0.0158	[62.92%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1176.01 kNm	2580.66 kN	0.0156	[63.50%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1204.02 kNm	2625.57 kN	0.0154	[64.08%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	869.24 kNm	2516.17 kN	0.0162	[91.50%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	870.24 kNm	2517.53 kN	0.0162	[91.52%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1259.37 kNm	2715.26 kN	0.0151	[65.23%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1286.66 kNm	2760.17 kN	0.0149	[65.80%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	940.23 kNm	2643.42 kN	0.0156	[92.73%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	953.42 kNm	2668.05 kN	0.0155	[92.94%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	963.74 kNm	2687.37 kN	0.0155	[93.11%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1366.74 kNm	2894.89 kN	0.0144	[67.52%]

SOUTH WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.47 kNm	525.58 kN	0.0004	[0.07%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.44 kNm	658.55 kN	0.0139	[3.58%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.12 kNm	663.22 kN	0.0139	[4.73%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.43 kNm	569.20 kN	0.0165	[7.03%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.99 kNm	591.01 kN	0.0163	[10.72%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.66 kNm	612.71 kN	0.0161	[14.08%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.42 kNm	634.52 kN	0.0159	[17.16%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.25 kNm	656.33 kN	0.0158	[20.00%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	178.15 kNm	678.14 kN	0.0157	[22.63%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.88 kNm	699.84 kN	0.0156	[25.11%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.92 kNm	815.66 kN	0.0134	[20.50%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.69 kNm	837.01 kN	0.0262	[22.93%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	246.53 kNm	858.35 kN	0.0258	[26.52%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	256.44 kNm	879.70 kN	0.0254	[29.86%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	266.42 kNm	901.04 kN	0.0250	[32.98%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	276.45 kNm	922.27 kN	0.0247	[35.90%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	286.52 kNm	943.62 kN	0.0244	[38.65%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	296.62 kNm	964.96 kN	0.0241	[41.24%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	306.76 kNm	986.31 kN	0.0238	[43.68%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	316.91 kNm	1007.65 kN	0.0235	[46.00%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	326.35 kNm	1029.00 kN	0.0233	[48.32%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	459.15 kNm	1330.86 kN	0.0180	[34.34%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	475.40 kNm	1359.67 kN	0.0178	[35.70%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	491.76 kNm	1388.37 kN	0.0176	[36.97%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	508.21 kNm	1417.06 kN	0.0174	[38.18%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	524.75 kNm	1445.75 kN	0.0173	[39.33%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	541.35 kNm	1474.56 kN	0.0171	[40.43%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	558.02 kNm	1503.26 kN	0.0169	[41.47%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	574.74 kNm	1531.95 kN	0.0168	[42.48%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	591.50 kNm	1560.76 kN	0.0167	[43.44%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	608.29 kNm	1589.45 kN	0.0165	[44.37%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	623.22 kNm	1618.15 kN	0.0164	[45.40%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	593.99 kNm	1571.26 kN	0.0169	[47.63%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	610.50 kNm	1599.72 kN	0.0167	[48.51%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	627.02 kNm	1628.18 kN	0.0166	[49.35%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	643.54 kNm	1656.64 kN	0.0165	[50.17%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	660.06 kNm	1684.98 kN	0.0164	[50.97%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	676.57 kNm	1713.44 kN	0.0163	[51.74%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	693.05 kNm	1741.90 kN	0.0162	[52.50%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	709.50 kNm	1770.36 kN	0.0160	[53.25%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	725.91 kNm	1798.71 kN	0.0160	[53.98%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	742.26 kNm	1827.17 kN	0.0159	[54.70%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	754.78 kNm	1855.63 kN	0.0158	[55.69%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	980.50 kNm	2253.60 kN	0.0130	[42.87%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	1003.68 kNm	2289.18 kN	0.0129	[43.32%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1026.83 kNm	2324.64 kN	0.0128	[43.76%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1049.95 kNm	2360.21 kN	0.0127	[44.20%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1073.01 kNm	2395.79 kN	0.0127	[44.63%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1096.02 kNm	2431.24 kN	0.0126	[45.06%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1118.96 kNm	2466.82 kN	0.0125	[45.49%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1141.81 kNm	2502.39 kN	0.0125	[45.91%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1164.57 kNm	2537.97 kN	0.0124	[46.33%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1187.22 kNm	2573.43 kN	0.0123	[46.75%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1201.95 kNm	2609.00 kN	0.0122	[47.47%]

5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1147.81 kNm	2535.75 kN	0.0125	[49.71%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1176.01 kNm	2580.66 kN	0.0124	[50.17%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1204.02 kNm	2625.57 kN	0.0122	[50.63%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	869.24 kNm	2735.91 kN	0.0118	[72.30%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	870.24 kNm	2737.77 kN	0.0118	[72.32%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1259.37 kNm	2715.26 kN	0.0120	[51.55%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1286.66 kNm	2760.17 kN	0.0118	[52.00%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	940.23 kNm	2872.73 kN	0.0114	[73.29%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	953.42 kNm	2897.92 kN	0.0114	[73.46%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	963.74 kNm	2917.75 kN	0.0113	[73.59%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1366.74 kNm	2894.89 kN	0.0115	[53.38%]

WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.47 kNm	525.58 kN	0.0004	[0.06%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.44 kNm	658.55 kN	0.0120	[3.11%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.12 kNm	663.22 kN	0.0120	[4.10%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.43 kNm	569.20 kN	0.0143	[6.10%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.99 kNm	591.01 kN	0.0141	[9.31%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.66 kNm	612.71 kN	0.0140	[12.23%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.42 kNm	634.52 kN	0.0139	[14.92%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.25 kNm	656.33 kN	0.0138	[17.40%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	178.15 kNm	678.14 kN	0.0137	[19.71%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.88 kNm	699.84 kN	0.0136	[21.88%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.92 kNm	815.66 kN	0.0117	[17.86%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.69 kNm	837.01 kN	0.0241	[20.07%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	246.53 kNm	858.35 kN	0.0238	[23.42%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	256.44 kNm	879.70 kN	0.0234	[26.54%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	266.42 kNm	901.04 kN	0.0231	[29.45%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	276.45 kNm	922.27 kN	0.0227	[32.18%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	286.52 kNm	943.62 kN	0.0224	[34.74%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	296.62 kNm	964.96 kN	0.0222	[37.15%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	306.76 kNm	986.31 kN	0.0219	[39.43%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	316.91 kNm	1007.65 kN	0.0217	[41.59%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	326.35 kNm	1029.00 kN	0.0214	[43.74%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	459.15 kNm	1330.86 kN	0.0166	[31.09%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	475.40 kNm	1359.67 kN	0.0164	[32.35%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	491.76 kNm	1388.37 kN	0.0162	[33.54%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	508.21 kNm	1417.06 kN	0.0160	[34.67%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	524.75 kNm	1445.75 kN	0.0158	[35.74%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	541.35 kNm	1474.56 kN	0.0157	[36.76%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	558.02 kNm	1503.26 kN	0.0155	[37.73%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	574.74 kNm	1531.95 kN	0.0154	[38.66%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	591.50 kNm	1560.76 kN	0.0153	[39.55%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	608.29 kNm	1589.45 kN	0.0151	[40.41%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	623.22 kNm	1618.15 kN	0.0150	[41.37%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	593.99 kNm	1571.26 kN	0.0155	[43.40%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	610.50 kNm	1599.72 kN	0.0153	[44.21%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	627.02 kNm	1628.18 kN	0.0152	[44.99%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	643.54 kNm	1656.64 kN	0.0151	[45.74%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	660.06 kNm	1684.98 kN	0.0150	[46.47%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	676.57 kNm	1713.44 kN	0.0149	[47.19%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	693.05 kNm	1741.90 kN	0.0147	[47.88%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	709.50 kNm	1770.36 kN	0.0146	[48.56%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	725.91 kNm	1798.71 kN	0.0145	[49.23%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	742.26 kNm	1827.17 kN	0.0144	[49.89%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	754.78 kNm	1855.63 kN	0.0144	[50.79%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	980.50 kNm	2253.60 kN	0.0118	[39.10%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	1003.68 kNm	2289.18 kN	0.0117	[39.50%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1026.83 kNm	2324.64 kN	0.0116	[39.90%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1049.95 kNm	2360.21 kN	0.0116	[40.30%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1073.01 kNm	2395.79 kN	0.0115	[40.68%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1096.02 kNm	2431.24 kN	0.0114	[41.06%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1118.96 kNm	2466.82 kN	0.0113	[41.44%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1141.81 kNm	2502.39 kN	0.0112	[41.82%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1164.57 kNm	2537.97 kN	0.0111	[42.18%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1187.22 kNm	2573.43 kN	0.0110	[42.55%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1201.95 kNm	2609.00 kN	0.0110	[43.19%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1147.81 kNm	2535.75 kN	0.0113	[45.23%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1176.01 kNm	2580.66 kN	0.0111	[45.64%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1204.02 kNm	2625.57 kN	0.0110	[46.04%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	869.24 kNm	2735.91 kN	0.0106	[65.73%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	870.24 kNm	2737.77 kN	0.0106	[65.74%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1259.37 kNm	2715.26 kN	0.0108	[46.85%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1286.66 kNm	2760.17 kN	0.0107	[47.25%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	940.23 kNm	2872.73 kN	0.0103	[66.58%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	953.42 kNm	2897.92 kN	0.0103	[66.72%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	963.74 kNm	2917.75 kN	0.0102	[66.84%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1366.74 kNm	2894.89 kN	0.0104	[48.47%]

NORTH WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.47 kNm	525.58 kN	0.0005	[0.07%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.44 kNm	658.55 kN	0.0151	[3.88%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.12 kNm	663.22 kN	0.0151	[5.12%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.43 kNm	569.20 kN	0.0179	[7.62%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.99 kNm	591.01 kN	0.0176	[11.62%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.66 kNm	612.71 kN	0.0174	[15.25%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.42 kNm	634.52 kN	0.0172	[18.56%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.25 kNm	656.33 kN	0.0170	[21.62%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	178.15 kNm	678.14 kN	0.0169	[24.44%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.88 kNm	699.84 kN	0.0168	[27.10%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.92 kNm	815.66 kN	0.0144	[22.13%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.69 kNm	837.01 kN	0.0260	[24.61%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	246.53 kNm	858.35 kN	0.0256	[28.10%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	256.44 kNm	879.70 kN	0.0252	[31.35%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	266.42 kNm	901.04 kN	0.0249	[34.39%]

22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	276.45 kNm	922.27 kN	0.0246	[37.23%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	286.52 kNm	943.62 kN	0.0242	[39.91%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	296.62 kNm	964.96 kN	0.0239	[42.43%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	306.76 kNm	986.31 kN	0.0237	[44.81%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	316.91 kNm	1007.65 kN	0.0234	[47.07%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	326.35 kNm	1029.00 kN	0.0232	[49.34%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	459.15 kNm	1330.86 kN	0.0179	[35.07%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	475.40 kNm	1359.67 kN	0.0177	[36.38%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	491.76 kNm	1388.37 kN	0.0175	[37.62%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	508.21 kNm	1417.06 kN	0.0173	[38.79%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	524.75 kNm	1445.75 kN	0.0172	[39.91%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	541.35 kNm	1474.56 kN	0.0170	[40.98%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	558.02 kNm	1503.26 kN	0.0168	[41.99%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	574.74 kNm	1531.95 kN	0.0167	[42.97%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	591.50 kNm	1560.76 kN	0.0166	[43.90%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	608.29 kNm	1589.45 kN	0.0164	[44.80%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	623.22 kNm	1618.15 kN	0.0163	[45.81%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	593.99 kNm	1571.26 kN	0.0168	[48.07%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	610.50 kNm	1599.72 kN	0.0166	[48.91%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	627.02 kNm	1628.18 kN	0.0165	[49.73%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	643.54 kNm	1656.64 kN	0.0164	[50.53%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	660.06 kNm	1684.98 kN	0.0163	[51.30%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	676.57 kNm	1713.44 kN	0.0162	[52.06%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	693.05 kNm	1741.90 kN	0.0160	[52.79%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	709.50 kNm	1770.36 kN	0.0159	[53.52%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	725.91 kNm	1798.71 kN	0.0158	[54.23%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	742.26 kNm	1827.17 kN	0.0157	[54.93%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	754.78 kNm	1855.63 kN	0.0156	[55.90%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	980.50 kNm	2253.60 kN	0.0129	[43.03%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	1003.68 kNm	2289.18 kN	0.0128	[43.46%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1026.83 kNm	2324.64 kN	0.0127	[43.89%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1049.95 kNm	2360.21 kN	0.0126	[44.30%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1073.01 kNm	2395.79 kN	0.0125	[44.72%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1096.02 kNm	2431.24 kN	0.0124	[45.12%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1118.96 kNm	2466.82 kN	0.0123	[45.53%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1141.81 kNm	2502.39 kN	0.0123	[45.93%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1164.57 kNm	2537.97 kN	0.0122	[46.32%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1187.22 kNm	2573.43 kN	0.0120	[46.72%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1201.95 kNm	2609.00 kN	0.0119	[47.41%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1147.81 kNm	2535.75 kN	0.0123	[49.65%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1176.01 kNm	2580.66 kN	0.0121	[50.08%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1204.02 kNm	2625.57 kN	0.0120	[50.52%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	869.24 kNm	2735.91 kN	0.0116	[72.10%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	870.24 kNm	2737.77 kN	0.0116	[72.11%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1259.37 kNm	2715.26 kN	0.0117	[51.37%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1286.66 kNm	2760.17 kN	0.0116	[51.80%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	940.23 kNm	2872.73 kN	0.0112	[72.98%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	953.42 kNm	2897.92 kN	0.0112	[73.13%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	963.74 kNm	2917.75 kN	0.0111	[73.25%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1366.74 kNm	2894.89 kN	0.0113	[53.11%]

LOAD CASE 4: G + Ps + Ws

NORTH WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.46 kNm	525.58 kN	0.0002	[0.02%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.35 kNm	658.55 kN	0.0062	[1.59%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.03 kNm	663.22 kN	0.0062	[2.10%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.30 kNm	569.20 kN	0.0073	[3.13%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.84 kNm	591.01 kN	0.0071	[4.75%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.48 kNm	612.71 kN	0.0070	[6.22%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.21 kNm	634.52 kN	0.0069	[7.56%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.02 kNm	656.33 kN	0.0069	[8.78%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.89 kNm	678.14 kN	0.0068	[9.91%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.56 kNm	699.84 kN	0.0067	[10.97%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.53 kNm	815.66 kN	0.0058	[8.96%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.02 kNm	837.01 kN	0.0100	[9.93%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	245.81 kNm	858.35 kN	0.0098	[11.25%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	255.66 kNm	879.70 kN	0.0097	[12.48%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	265.57 kNm	901.04 kN	0.0095	[13.63%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	275.53 kNm	922.27 kN	0.0094	[14.70%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	285.53 kNm	943.62 kN	0.0093	[15.71%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	295.57 kNm	964.96 kN	0.0092	[16.66%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	305.62 kNm	986.31 kN	0.0090	[17.55%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	315.69 kNm	1007.65 kN	0.0089	[18.40%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	324.98 kNm	1029.00 kN	0.0088	[19.26%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	457.21 kNm	1330.86 kN	0.0068	[13.69%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	473.31 kNm	1359.67 kN	0.0068	[14.18%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	489.50 kNm	1388.37 kN	0.0067	[14.65%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	505.78 kNm	1417.06 kN	0.0066	[15.08%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	522.13 kNm	1445.75 kN	0.0065	[15.50%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	538.54 kNm	1474.56 kN	0.0065	[15.90%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	555.01 kNm	1503.26 kN	0.0064	[16.28%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	571.51 kNm	1531.95 kN	0.0064	[16.64%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	588.05 kNm	1560.76 kN	0.0063	[16.99%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	604.61 kNm	1589.45 kN	0.0063	[17.33%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	619.08 kNm	1618.15 kN	0.0062	[17.72%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	590.04 kNm	1571.26 kN	0.0064	[18.59%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	606.30 kNm	1599.72 kN	0.0063	[18.91%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	622.56 kNm	1628.18 kN	0.0063	[19.22%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	638.82 kNm	1656.64 kN	0.0062	[19.52%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	655.06 kNm	1684.98 kN	0.0062	[19.81%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	671.27 kNm	1713.44 kN	0.0062	[20.10%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	687.45 kNm	1741.90 kN	0.0061	[20.38%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	703.59 kNm	1770.36 kN	0.0061	[20.66%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	719.66 kNm	1798.71 kN	0.0060	[20.93%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	735.68 kNm	1827.17 kN	0.0060	[21.20%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	747.42 kNm	1855.63 kN	0.0060	[21.58%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	970.94 kNm	2253.60 kN	0.0049	[16.61%]

9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	993.54 kNm	2289.18 kN	0.0049	[16.78%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1016.10 kNm	2324.64 kN	0.0049	[16.95%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1038.60 kNm	2360.21 kN	0.0048	[17.12%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1061.02 kNm	2395.79 kN	0.0048	[17.28%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1083.36 kNm	2431.24 kN	0.0048	[17.44%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1105.61 kNm	2466.82 kN	0.0047	[17.61%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1127.74 kNm	2502.39 kN	0.0047	[17.77%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1149.75 kNm	2537.97 kN	0.0047	[17.93%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1171.63 kNm	2573.43 kN	0.0046	[18.09%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1184.70 kNm	2609.00 kN	0.0046	[18.39%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1131.34 kNm	2535.75 kN	0.0047	[19.26%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1158.52 kNm	2580.66 kN	0.0047	[19.44%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1185.47 kNm	2625.57 kN	0.0046	[19.62%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	855.38 kNm	2735.91 kN	0.0044	[28.02%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	856.35 kNm	2737.77 kN	0.0044	[28.02%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1238.56 kNm	2715.26 kN	0.0045	[19.98%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1264.65 kNm	2760.17 kN	0.0045	[20.16%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	923.59 kNm	2872.73 kN	0.0043	[28.42%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	936.22 kNm	2897.92 kN	0.0043	[28.49%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	946.09 kNm	2917.75 kN	0.0043	[28.55%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1340.87 kNm	2894.89 kN	0.0043	[20.71%]

NORTH EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.46 kNm	525.58 kN	0.0002	[0.02%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.35 kNm	658.55 kN	0.0051	[1.31%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.03 kNm	663.22 kN	0.0051	[1.74%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.30 kNm	569.20 kN	0.0060	[2.58%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.84 kNm	591.01 kN	0.0059	[3.93%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.48 kNm	612.71 kN	0.0058	[5.14%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.21 kNm	634.52 kN	0.0057	[6.25%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.02 kNm	656.33 kN	0.0057	[7.27%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.89 kNm	678.14 kN	0.0056	[8.22%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.56 kNm	699.84 kN	0.0056	[9.11%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.53 kNm	815.66 kN	0.0048	[7.43%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.02 kNm	837.01 kN	0.0096	[8.33%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	245.81 kNm	858.35 kN	0.0094	[9.65%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	255.66 kNm	879.70 kN	0.0093	[10.87%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	265.57 kNm	901.04 kN	0.0091	[12.02%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	275.53 kNm	922.27 kN	0.0090	[13.09%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	285.53 kNm	943.62 kN	0.0089	[14.09%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	295.57 kNm	964.96 kN	0.0088	[15.03%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	305.62 kNm	986.31 kN	0.0087	[15.93%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	315.69 kNm	1007.65 kN	0.0086	[16.77%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	324.98 kNm	1029.00 kN	0.0085	[17.62%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	457.21 kNm	1330.86 kN	0.0065	[12.52%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	473.31 kNm	1359.67 kN	0.0065	[13.01%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	489.50 kNm	1388.37 kN	0.0064	[13.48%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	505.78 kNm	1417.06 kN	0.0063	[13.92%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	522.13 kNm	1445.75 kN	0.0063	[14.34%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	538.54 kNm	1474.56 kN	0.0062	[14.73%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	555.01 kNm	1503.26 kN	0.0061	[15.11%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	571.51 kNm	1531.95 kN	0.0061	[15.47%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	588.05 kNm	1560.76 kN	0.0060	[15.82%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	604.61 kNm	1589.45 kN	0.0060	[16.16%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	619.08 kNm	1618.15 kN	0.0059	[16.54%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	590.04 kNm	1571.26 kN	0.0061	[17.35%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	606.30 kNm	1599.72 kN	0.0061	[17.67%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	622.56 kNm	1628.18 kN	0.0060	[17.97%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	638.82 kNm	1656.64 kN	0.0060	[18.27%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	655.06 kNm	1684.98 kN	0.0059	[18.56%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	671.27 kNm	1713.44 kN	0.0059	[18.84%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	687.45 kNm	1741.90 kN	0.0058	[19.12%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	703.59 kNm	1770.36 kN	0.0058	[19.39%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	719.66 kNm	1798.71 kN	0.0058	[19.66%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	735.68 kNm	1827.17 kN	0.0057	[19.92%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	747.42 kNm	1855.63 kN	0.0057	[20.30%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	970.94 kNm	2253.60 kN	0.0047	[15.62%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	993.54 kNm	2289.18 kN	0.0047	[15.79%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1016.10 kNm	2324.64 kN	0.0046	[15.95%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1038.60 kNm	2360.21 kN	0.0046	[16.12%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1061.02 kNm	2395.79 kN	0.0046	[16.28%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1083.36 kNm	2431.24 kN	0.0045	[16.44%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1105.61 kNm	2466.82 kN	0.0045	[16.60%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1127.74 kNm	2502.39 kN	0.0045	[16.76%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1149.75 kNm	2537.97 kN	0.0045	[16.91%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1171.63 kNm	2573.43 kN	0.0044	[17.07%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1184.70 kNm	2609.00 kN	0.0044	[17.36%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1131.34 kNm	2535.75 kN	0.0045	[18.17%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1158.52 kNm	2580.66 kN	0.0045	[18.35%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1185.47 kNm	2625.57 kN	0.0044	[18.53%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	855.38 kNm	2735.91 kN	0.0043	[26.48%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	856.35 kNm	2737.77 kN	0.0043	[26.48%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1238.56 kNm	2715.26 kN	0.0043	[18.89%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1264.65 kNm	2760.17 kN	0.0043	[19.07%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	923.59 kNm	2872.73 kN	0.0041	[26.89%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	936.22 kNm	2897.92 kN	0.0041	[26.97%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	946.09 kNm	2917.75 kN	0.0041	[27.02%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1340.87 kNm	2894.89 kN	0.0041	[19.61%]

EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.46 kNm	525.58 kN	0.0002	[0.03%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.35 kNm	658.55 kN	0.0060	[1.54%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.03 kNm	663.22 kN	0.0060	[2.04%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.30 kNm	569.20 kN	0.0071	[3.03%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.84 kNm	591.01 kN	0.0070	[4.62%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.48 kNm	612.71 kN	0.0069	[6.06%]

27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.21 kNm	634.52 kN	0.0069	[7.39%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.02 kNm	656.33 kN	0.0068	[8.61%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.89 kNm	678.14 kN	0.0068	[9.74%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.56 kNm	699.84 kN	0.0067	[10.81%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.53 kNm	815.66 kN	0.0058	[8.83%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.02 kNm	837.01 kN	0.0122	[9.94%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	245.81 kNm	858.35 kN	0.0120	[11.65%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	255.66 kNm	879.70 kN	0.0118	[13.24%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	265.57 kNm	901.04 kN	0.0116	[14.72%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	275.53 kNm	922.27 kN	0.0115	[16.10%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	285.53 kNm	943.62 kN	0.0113	[17.40%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	295.57 kNm	964.96 kN	0.0112	[18.62%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	305.62 kNm	986.31 kN	0.0110	[19.77%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	315.69 kNm	1007.65 kN	0.0109	[20.86%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	324.98 kNm	1029.00 kN	0.0108	[21.95%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	457.21 kNm	1330.86 kN	0.0083	[15.60%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	473.31 kNm	1359.67 kN	0.0082	[16.24%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	489.50 kNm	1388.37 kN	0.0081	[16.84%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	505.78 kNm	1417.06 kN	0.0081	[17.41%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	522.13 kNm	1445.75 kN	0.0080	[17.95%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	538.54 kNm	1474.56 kN	0.0079	[18.46%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	555.01 kNm	1503.26 kN	0.0078	[18.96%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	571.51 kNm	1531.95 kN	0.0078	[19.43%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	588.05 kNm	1560.76 kN	0.0077	[19.88%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	604.61 kNm	1589.45 kN	0.0076	[20.31%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	619.08 kNm	1618.15 kN	0.0076	[20.80%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	590.04 kNm	1571.26 kN	0.0078	[21.83%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	606.30 kNm	1599.72 kN	0.0077	[22.24%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	622.56 kNm	1628.18 kN	0.0077	[22.64%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	638.82 kNm	1656.64 kN	0.0076	[23.02%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	655.06 kNm	1684.98 kN	0.0076	[23.40%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	671.27 kNm	1713.44 kN	0.0075	[23.77%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	687.45 kNm	1741.90 kN	0.0075	[24.12%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	703.59 kNm	1770.36 kN	0.0074	[24.48%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	719.66 kNm	1798.71 kN	0.0074	[24.83%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	735.68 kNm	1827.17 kN	0.0073	[25.17%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	747.42 kNm	1855.63 kN	0.0073	[25.65%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	970.94 kNm	2253.60 kN	0.0060	[19.75%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	993.54 kNm	2289.18 kN	0.0060	[19.96%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1016.10 kNm	2324.64 kN	0.0059	[20.18%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1038.60 kNm	2360.21 kN	0.0059	[20.39%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1061.02 kNm	2395.79 kN	0.0059	[20.61%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1083.36 kNm	2431.24 kN	0.0058	[20.82%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1105.61 kNm	2466.82 kN	0.0058	[21.03%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1127.74 kNm	2502.39 kN	0.0058	[21.24%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1149.75 kNm	2537.97 kN	0.0058	[21.45%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1171.63 kNm	2573.43 kN	0.0057	[21.66%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1184.70 kNm	2609.00 kN	0.0057	[22.03%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1131.34 kNm	2535.75 kN	0.0059	[23.07%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1158.52 kNm	2580.66 kN	0.0058	[23.32%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1185.47 kNm	2625.57 kN	0.0058	[23.56%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	855.38 kNm	2735.91 kN	0.0056	[33.70%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	856.35 kNm	2737.77 kN	0.0056	[33.71%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1238.56 kNm	2715.26 kN	0.0057	[24.07%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1264.65 kNm	2760.17 kN	0.0057	[24.33%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	923.59 kNm	2872.73 kN	0.0055	[34.35%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	936.22 kNm	2897.92 kN	0.0054	[34.46%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	946.09 kNm	2917.75 kN	0.0054	[34.56%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1340.87 kNm	2894.89 kN	0.0055	[25.11%]

SOUTH EAST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.46 kNm	525.58 kN	0.0003	[0.04%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.35 kNm	658.55 kN	0.0098	[2.51%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.03 kNm	663.22 kN	0.0097	[3.32%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.30 kNm	569.20 kN	0.0115	[4.93%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.84 kNm	591.01 kN	0.0113	[7.50%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.48 kNm	612.71 kN	0.0112	[9.83%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.21 kNm	634.52 kN	0.0110	[11.96%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.02 kNm	656.33 kN	0.0109	[13.91%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.89 kNm	678.14 kN	0.0108	[15.71%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.56 kNm	699.84 kN	0.0107	[17.40%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.53 kNm	815.66 kN	0.0092	[14.20%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.02 kNm	837.01 kN	0.0169	[15.82%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	245.81 kNm	858.35 kN	0.0166	[18.09%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	255.66 kNm	879.70 kN	0.0164	[20.20%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	265.57 kNm	901.04 kN	0.0161	[22.17%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	275.53 kNm	922.27 kN	0.0159	[24.01%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	285.53 kNm	943.62 kN	0.0157	[25.73%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	295.57 kNm	964.96 kN	0.0155	[27.35%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	305.62 kNm	986.31 kN	0.0153	[28.88%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	315.69 kNm	1007.65 kN	0.0151	[30.34%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	324.98 kNm	1029.00 kN	0.0149	[31.79%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	457.21 kNm	1330.86 kN	0.0115	[22.60%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	473.31 kNm	1359.67 kN	0.0114	[23.44%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	489.50 kNm	1388.37 kN	0.0113	[24.23%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	505.78 kNm	1417.06 kN	0.0112	[24.98%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	522.13 kNm	1445.75 kN	0.0110	[25.69%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	538.54 kNm	1474.56 kN	0.0109	[26.37%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	555.01 kNm	1503.26 kN	0.0108	[27.02%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	571.51 kNm	1531.95 kN	0.0107	[27.64%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	588.05 kNm	1560.76 kN	0.0107	[28.24%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	604.61 kNm	1589.45 kN	0.0106	[28.82%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	619.08 kNm	1618.15 kN	0.0105	[29.47%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	590.04 kNm	1571.26 kN	0.0108	[30.92%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	606.30 kNm	1599.72 kN	0.0107	[31.47%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	622.56 kNm	1628.18 kN	0.0106	[31.99%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	638.82 kNm	1656.64 kN	0.0106	[32.50%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	655.06 kNm	1684.98 kN	0.0105	[33.00%]

12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	671.27 kNm	1713.44 kN	0.0104	[33.49%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	687.45 kNm	1741.90 kN	0.0103	[33.96%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	703.59 kNm	1770.36 kN	0.0103	[34.43%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	719.66 kNm	1798.71 kN	0.0102	[34.90%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	735.68 kNm	1827.17 kN	0.0102	[35.36%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	747.42 kNm	1855.63 kN	0.0101	[36.01%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	970.94 kNm	2253.60 kN	0.0083	[27.72%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	993.54 kNm	2289.18 kN	0.0083	[28.01%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1016.10 kNm	2324.64 kN	0.0082	[28.30%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1038.60 kNm	2360.21 kN	0.0082	[28.58%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1061.02 kNm	2395.79 kN	0.0081	[28.86%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1083.36 kNm	2431.24 kN	0.0081	[29.15%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1105.61 kNm	2466.82 kN	0.0081	[29.43%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1127.74 kNm	2502.39 kN	0.0080	[29.71%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1149.75 kNm	2537.97 kN	0.0079	[29.99%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1171.63 kNm	2573.43 kN	0.0079	[30.27%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1184.70 kNm	2609.00 kN	0.0078	[30.77%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1131.34 kNm	2535.75 kN	0.0080	[32.22%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1158.52 kNm	2580.66 kN	0.0079	[32.54%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1185.47 kNm	2625.57 kN	0.0078	[32.86%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	855.38 kNm	2735.91 kN	0.0076	[46.94%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	856.35 kNm	2737.77 kN	0.0076	[46.95%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1238.56 kNm	2715.26 kN	0.0077	[33.49%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1264.65 kNm	2760.17 kN	0.0076	[33.80%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	923.59 kNm	2872.73 kN	0.0073	[47.67%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	936.22 kNm	2897.92 kN	0.0073	[47.80%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	946.09 kNm	2917.75 kN	0.0072	[47.91%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1340.87 kNm	2894.89 kN	0.0073	[34.77%]

SOUTH WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.46 kNm	525.58 kN	0.0002	[0.03%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.35 kNm	658.55 kN	0.0083	[2.12%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.03 kNm	663.22 kN	0.0083	[2.81%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.30 kNm	569.20 kN	0.0098	[4.18%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.84 kNm	591.01 kN	0.0096	[6.37%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.48 kNm	612.71 kN	0.0095	[8.35%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.21 kNm	634.52 kN	0.0094	[10.15%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.02 kNm	656.33 kN	0.0093	[11.80%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.89 kNm	678.14 kN	0.0091	[13.33%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.56 kNm	699.84 kN	0.0091	[14.76%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.53 kNm	815.66 kN	0.0078	[12.05%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.02 kNm	837.01 kN	0.0136	[13.37%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	245.81 kNm	858.35 kN	0.0134	[15.17%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	255.66 kNm	879.70 kN	0.0132	[16.84%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	265.57 kNm	901.04 kN	0.0130	[18.40%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	275.53 kNm	922.27 kN	0.0128	[19.86%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	285.53 kNm	943.62 kN	0.0126	[21.23%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	295.57 kNm	964.96 kN	0.0124	[22.52%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	305.62 kNm	986.31 kN	0.0123	[23.74%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	315.69 kNm	1007.65 kN	0.0121	[24.89%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	324.98 kNm	1029.00 kN	0.0120	[26.05%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	457.21 kNm	1330.86 kN	0.0093	[18.52%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	473.31 kNm	1359.67 kN	0.0092	[19.18%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	489.50 kNm	1388.37 kN	0.0091	[19.81%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	505.78 kNm	1417.06 kN	0.0090	[20.41%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	522.13 kNm	1445.75 kN	0.0089	[20.97%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	538.54 kNm	1474.56 kN	0.0088	[21.51%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	555.01 kNm	1503.26 kN	0.0087	[22.02%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	571.51 kNm	1531.95 kN	0.0086	[22.52%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	588.05 kNm	1560.76 kN	0.0086	[22.99%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	604.61 kNm	1589.45 kN	0.0085	[23.45%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	619.08 kNm	1618.15 kN	0.0084	[23.97%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	590.04 kNm	1571.26 kN	0.0087	[25.15%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	606.30 kNm	1599.72 kN	0.0086	[25.58%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	622.56 kNm	1628.18 kN	0.0085	[26.00%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	638.82 kNm	1656.64 kN	0.0085	[26.40%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	655.06 kNm	1684.98 kN	0.0084	[26.80%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	671.27 kNm	1713.44 kN	0.0084	[27.18%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	687.45 kNm	1741.90 kN	0.0083	[27.56%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	703.59 kNm	1770.36 kN	0.0082	[27.93%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	719.66 kNm	1798.71 kN	0.0082	[28.30%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	735.68 kNm	1827.17 kN	0.0081	[28.66%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	747.42 kNm	1855.63 kN	0.0081	[29.18%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	970.94 kNm	2253.60 kN	0.0067	[22.47%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	993.54 kNm	2289.18 kN	0.0066	[22.69%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1016.10 kNm	2324.64 kN	0.0066	[22.92%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1038.60 kNm	2360.21 kN	0.0066	[23.14%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1061.02 kNm	2395.79 kN	0.0065	[23.37%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1083.36 kNm	2431.24 kN	0.0065	[23.59%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1105.61 kNm	2466.82 kN	0.0064	[23.81%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1127.74 kNm	2502.39 kN	0.0064	[24.03%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1149.75 kNm	2537.97 kN	0.0063	[24.25%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1171.63 kNm	2573.43 kN	0.0063	[24.47%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1184.70 kNm	2609.00 kN	0.0062	[24.87%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1131.34 kNm	2535.75 kN	0.0064	[26.04%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1158.52 kNm	2580.66 kN	0.0063	[26.29%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1185.47 kNm	2625.57 kN	0.0063	[26.53%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	855.38 kNm	2735.91 kN	0.0060	[37.89%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	856.35 kNm	2737.77 kN	0.0060	[37.90%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1238.56 kNm	2715.26 kN	0.0061	[27.02%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1264.65 kNm	2760.17 kN	0.0060	[27.27%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	923.59 kNm	2872.73 kN	0.0058	[38.44%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	936.22 kNm	2897.92 kN	0.0058	[38.54%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	946.09 kNm	2917.75 kN	0.0058	[38.62%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1340.87 kNm	2894.89 kN	0.0058	[28.02%]

SOUTH WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION

30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.46 kNm	525.58 kN	0.0002	[0.03%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.35 kNm	658.55 kN	0.0058	[1.49%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.03 kNm	663.22 kN	0.0058	[1.97%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.30 kNm	569.20 kN	0.0068	[2.93%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.84 kNm	591.01 kN	0.0067	[4.45%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.48 kNm	612.71 kN	0.0066	[5.83%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.21 kNm	634.52 kN	0.0065	[7.09%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.02 kNm	656.33 kN	0.0065	[8.25%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.89 kNm	678.14 kN	0.0064	[9.32%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.56 kNm	699.84 kN	0.0064	[10.33%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.53 kNm	815.66 kN	0.0055	[8.43%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.02 kNm	837.01 kN	0.0108	[9.44%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	245.81 kNm	858.35 kN	0.0106	[10.92%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	255.66 kNm	879.70 kN	0.0104	[12.30%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	265.57 kNm	901.04 kN	0.0103	[13.58%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	275.53 kNm	922.27 kN	0.0101	[14.78%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	285.53 kNm	943.62 kN	0.0100	[15.90%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	295.57 kNm	964.96 kN	0.0099	[16.96%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	305.62 kNm	986.31 kN	0.0097	[17.96%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	315.69 kNm	1007.65 kN	0.0096	[18.90%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	324.98 kNm	1029.00 kN	0.0095	[19.85%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	457.21 kNm	1330.86 kN	0.0074	[14.11%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	473.31 kNm	1359.67 kN	0.0073	[14.66%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	489.50 kNm	1388.37 kN	0.0072	[15.18%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	505.78 kNm	1417.06 kN	0.0071	[15.67%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	522.13 kNm	1445.75 kN	0.0070	[16.13%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	538.54 kNm	1474.56 kN	0.0070	[16.57%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	555.01 kNm	1503.26 kN	0.0069	[16.99%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	571.51 kNm	1531.95 kN	0.0068	[17.40%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	588.05 kNm	1560.76 kN	0.0068	[17.78%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	604.61 kNm	1589.45 kN	0.0067	[18.16%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	619.08 kNm	1618.15 kN	0.0066	[18.58%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	590.04 kNm	1571.26 kN	0.0068	[19.49%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	606.30 kNm	1599.72 kN	0.0068	[19.84%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	622.56 kNm	1628.18 kN	0.0067	[20.18%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	638.82 kNm	1656.64 kN	0.0067	[20.51%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	655.06 kNm	1684.98 kN	0.0066	[20.83%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	671.27 kNm	1713.44 kN	0.0066	[21.14%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	687.45 kNm	1741.90 kN	0.0065	[21.44%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	703.59 kNm	1770.36 kN	0.0065	[21.74%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	719.66 kNm	1798.71 kN	0.0064	[22.03%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	735.68 kNm	1827.17 kN	0.0064	[22.32%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	747.42 kNm	1855.63 kN	0.0063	[22.74%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	970.94 kNm	2253.60 kN	0.0052	[17.50%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	993.54 kNm	2289.18 kN	0.0052	[17.68%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1016.10 kNm	2324.64 kN	0.0052	[17.86%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1038.60 kNm	2360.21 kN	0.0051	[18.04%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1061.02 kNm	2395.79 kN	0.0051	[18.21%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1083.36 kNm	2431.24 kN	0.0051	[18.39%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1105.61 kNm	2466.82 kN	0.0050	[18.56%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1127.74 kNm	2502.39 kN	0.0050	[18.74%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1149.75 kNm	2537.97 kN	0.0050	[18.91%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1171.63 kNm	2573.43 kN	0.0049	[19.08%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1184.70 kNm	2609.00 kN	0.0049	[19.39%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1131.34 kNm	2535.75 kN	0.0050	[20.31%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1158.52 kNm	2580.66 kN	0.0050	[20.50%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1185.47 kNm	2625.57 kN	0.0049	[20.70%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	855.38 kNm	2735.91 kN	0.0047	[29.56%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	856.35 kNm	2737.77 kN	0.0047	[29.57%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1238.56 kNm	2715.26 kN	0.0048	[21.08%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1264.65 kNm	2760.17 kN	0.0047	[21.28%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	923.59 kNm	2872.73 kN	0.0046	[30.00%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	936.22 kNm	2897.92 kN	0.0045	[30.07%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	946.09 kNm	2917.75 kN	0.0045	[30.14%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1340.87 kNm	2894.89 kN	0.0046	[21.87%]

WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.46 kNm	525.58 kN	0.0002	[0.02%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.35 kNm	658.55 kN	0.0050	[1.29%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.03 kNm	663.22 kN	0.0050	[1.71%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.30 kNm	569.20 kN	0.0059	[2.54%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.84 kNm	591.01 kN	0.0058	[3.86%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.48 kNm	612.71 kN	0.0057	[5.06%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.21 kNm	634.52 kN	0.0057	[6.15%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.02 kNm	656.33 kN	0.0056	[7.15%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.89 kNm	678.14 kN	0.0056	[8.09%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.56 kNm	699.84 kN	0.0055	[8.97%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.53 kNm	815.66 kN	0.0048	[7.32%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.02 kNm	837.01 kN	0.0099	[8.23%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	245.81 kNm	858.35 kN	0.0097	[9.61%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	255.66 kNm	879.70 kN	0.0096	[10.89%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	265.57 kNm	901.04 kN	0.0094	[12.08%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	275.53 kNm	922.27 kN	0.0093	[13.20%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	285.53 kNm	943.62 kN	0.0092	[14.24%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	295.57 kNm	964.96 kN	0.0090	[15.22%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	305.62 kNm	986.31 kN	0.0089	[16.15%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	315.69 kNm	1007.65 kN	0.0088	[17.03%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	324.98 kNm	1029.00 kN	0.0087	[17.91%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	457.21 kNm	1330.86 kN	0.0067	[12.73%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	473.31 kNm	1359.67 kN	0.0067	[13.24%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	489.50 kNm	1388.37 kN	0.0066	[13.72%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	505.78 kNm	1417.06 kN	0.0065	[14.18%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	522.13 kNm	1445.75 kN	0.0064	[14.61%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	538.54 kNm	1474.56 kN	0.0064	[15.02%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	555.01 kNm	1503.26 kN	0.0063	[15.41%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	571.51 kNm	1531.95 kN	0.0062	[15.78%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	588.05 kNm	1560.76 kN	0.0062	[16.14%]

15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	604.61 kNm	1589.45 kN	0.0061	[16.48%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	619.08 kNm	1618.15 kN	0.0061	[16.87%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	590.04 kNm	1571.26 kN	0.0062	[17.70%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	606.30 kNm	1599.72 kN	0.0062	[18.02%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	622.56 kNm	1628.18 kN	0.0061	[18.34%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	638.82 kNm	1656.64 kN	0.0061	[18.64%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	655.06 kNm	1684.98 kN	0.0060	[18.93%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	671.27 kNm	1713.44 kN	0.0060	[19.22%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	687.45 kNm	1741.90 kN	0.0059	[19.49%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	703.59 kNm	1770.36 kN	0.0059	[19.77%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	719.66 kNm	1798.71 kN	0.0058	[20.03%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	735.68 kNm	1827.17 kN	0.0058	[20.30%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	747.42 kNm	1855.63 kN	0.0058	[20.67%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	970.94 kNm	2253.60 kN	0.0047	[15.91%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	993.54 kNm	2289.18 kN	0.0047	[16.08%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1016.10 kNm	2324.64 kN	0.0047	[16.24%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1038.60 kNm	2360.21 kN	0.0046	[16.40%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1061.02 kNm	2395.79 kN	0.0046	[16.55%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1083.36 kNm	2431.24 kN	0.0046	[16.71%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1105.61 kNm	2466.82 kN	0.0045	[16.86%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1127.74 kNm	2502.39 kN	0.0045	[17.01%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1149.75 kNm	2537.97 kN	0.0045	[17.17%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1171.63 kNm	2573.43 kN	0.0044	[17.32%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1184.70 kNm	2609.00 kN	0.0044	[17.60%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1131.34 kNm	2535.75 kN	0.0045	[18.43%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1158.52 kNm	2580.66 kN	0.0045	[18.60%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1185.47 kNm	2625.57 kN	0.0044	[18.76%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	855.38 kNm	2735.91 kN	0.0042	[26.79%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	856.35 kNm	2737.77 kN	0.0042	[26.80%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1238.56 kNm	2715.26 kN	0.0043	[19.10%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1264.65 kNm	2760.17 kN	0.0043	[19.27%]
1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	923.59 kNm	2872.73 kN	0.0041	[27.17%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	936.22 kNm	2897.92 kN	0.0041	[27.24%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	946.09 kNm	2917.75 kN	0.0041	[27.29%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1340.87 kNm	2894.89 kN	0.0041	[19.80%]

NORTH WEST WIND

RL	ϕMb	ϕMz	ϕVv	ϕNs	ϕMi	ϕVvm	ϕVvz	UTILISATION
30.84 m	110.27 kNm	96.22 kNm	503.88 kN	1399.68 kN	110.27 kNm	503.88 kN	0.0000	[0.00%]
30.23 m	118.56 kNm	104.66 kNm	525.58 kN	1442.42 kN	118.46 kNm	525.58 kN	0.0002	[0.03%]
29.62 m	102.26 kNm	50.59 kNm	658.55 kN	1470.76 kN	101.35 kNm	658.55 kN	0.0063	[1.62%]
29.49 m	103.98 kNm	51.55 kNm	663.22 kN	1477.50 kN	103.03 kNm	663.22 kN	0.0063	[2.14%]
29.01 m	135.63 kNm	122.75 kNm	569.20 kN	1500.48 kN	134.30 kNm	569.20 kN	0.0074	[3.17%]
28.40 m	144.38 kNm	132.41 kNm	591.01 kN	1528.43 kN	142.84 kNm	591.01 kN	0.0073	[4.83%]
27.78 m	153.27 kNm	142.28 kNm	612.71 kN	1557.30 kN	151.48 kNm	612.71 kN	0.0072	[6.31%]
27.17 m	162.26 kNm	152.67 kNm	634.52 kN	1584.54 kN	160.21 kNm	634.52 kN	0.0071	[7.67%]
26.56 m	171.36 kNm	163.25 kNm	656.33 kN	1611.66 kN	169.02 kNm	656.33 kN	0.0070	[8.92%]
25.95 m	180.53 kNm	174.37 kNm	678.14 kN	1636.97 kN	177.89 kNm	678.14 kN	0.0069	[10.07%]
25.34 m	189.78 kNm	185.67 kNm	699.84 kN	1664.06 kN	186.56 kNm	699.84 kN	0.0068	[11.15%]
25.34 m	232.47 kNm	210.15 kNm	815.66 kN	2154.71 kN	228.53 kNm	815.66 kN	0.0059	[9.10%]
24.84 m	242.71 kNm	221.40 kNm	837.01 kN	2183.20 kN	236.02 kNm	837.01 kN	0.0107	[10.13%]
24.34 m	253.06 kNm	232.71 kNm	858.35 kN	2210.26 kN	245.81 kNm	858.35 kN	0.0105	[11.57%]
23.84 m	263.51 kNm	244.53 kNm	879.70 kN	2238.34 kN	255.66 kNm	879.70 kN	0.0104	[12.91%]
23.34 m	274.05 kNm	256.41 kNm	901.04 kN	2265.12 kN	265.57 kNm	901.04 kN	0.0102	[14.16%]
22.84 m	284.67 kNm	268.82 kNm	922.27 kN	2292.87 kN	275.53 kNm	922.27 kN	0.0101	[15.33%]
22.34 m	295.36 kNm	281.26 kNm	943.62 kN	2317.11 kN	285.53 kNm	943.62 kN	0.0099	[16.42%]
21.84 m	306.13 kNm	294.25 kNm	964.96 kN	2345.40 kN	295.57 kNm	964.96 kN	0.0098	[17.45%]
21.34 m	316.95 kNm	307.26 kNm	986.31 kN	2369.88 kN	305.62 kNm	986.31 kN	0.0097	[18.42%]
20.84 m	327.83 kNm	320.83 kNm	1007.65 kN	2395.97 kN	315.69 kNm	1007.65 kN	0.0096	[19.34%]
20.34 m	338.75 kNm	334.41 kNm	1029.00 kN	2421.00 kN	324.98 kNm	1029.00 kN	0.0095	[20.27%]
20.34 m	476.59 kNm	419.60 kNm	1330.86 kN	3670.96 kN	457.21 kNm	1330.86 kN	0.0073	[14.41%]
19.84 m	494.26 kNm	437.91 kNm	1359.67 kN	3708.88 kN	473.31 kNm	1359.67 kN	0.0072	[14.94%]
19.34 m	512.11 kNm	456.61 kNm	1388.37 kN	3748.59 kN	489.50 kNm	1388.37 kN	0.0071	[15.44%]
18.84 m	530.13 kNm	475.71 kNm	1417.06 kN	3786.70 kN	505.78 kNm	1417.06 kN	0.0071	[15.92%]
18.34 m	548.32 kNm	495.19 kNm	1445.75 kN	3827.23 kN	522.13 kNm	1445.75 kN	0.0070	[16.37%]
17.84 m	566.66 kNm	515.06 kNm	1474.56 kN	3862.54 kN	538.54 kNm	1474.56 kN	0.0069	[16.80%]
17.34 m	585.16 kNm	535.33 kNm	1503.26 kN	3900.12 kN	555.01 kNm	1503.26 kN	0.0068	[17.21%]
16.84 m	603.79 kNm	555.99 kNm	1531.95 kN	3936.26 kN	571.51 kNm	1531.95 kN	0.0068	[17.60%]
16.34 m	622.56 kNm	577.03 kNm	1560.76 kN	3975.60 kN	588.05 kNm	1560.76 kN	0.0067	[17.97%]
15.84 m	641.46 kNm	598.47 kNm	1589.45 kN	4013.37 kN	604.61 kNm	1589.45 kN	0.0067	[18.34%]
15.34 m	660.47 kNm	620.30 kNm	1618.15 kN	4049.86 kN	619.08 kNm	1618.15 kN	0.0066	[18.75%]
15.34 m	629.49 kNm	584.86 kNm	1571.26 kN	3989.25 kN	590.04 kNm	1571.26 kN	0.0068	[19.67%]
14.84 m	648.23 kNm	606.45 kNm	1599.72 kN	4025.96 kN	606.30 kNm	1599.72 kN	0.0067	[20.01%]
14.34 m	667.09 kNm	627.97 kNm	1628.18 kN	4061.40 kN	622.56 kNm	1628.18 kN	0.0067	[20.34%]
13.84 m	686.05 kNm	650.32 kNm	1656.64 kN	4095.58 kN	638.82 kNm	1656.64 kN	0.0066	[20.66%]
13.34 m	705.11 kNm	672.60 kNm	1684.98 kN	4132.89 kN	655.06 kNm	1684.98 kN	0.0066	[20.96%]
12.84 m	724.25 kNm	695.73 kNm	1713.44 kN	4164.62 kN	671.27 kNm	1713.44 kN	0.0065	[21.27%]
12.34 m	743.48 kNm	718.77 kNm	1741.90 kN	4199.92 kN	687.45 kNm	1741.90 kN	0.0065	[21.56%]
11.84 m	762.78 kNm	742.67 kNm	1770.36 kN	4234.12 kN	703.59 kNm	1770.36 kN	0.0064	[21.85%]
11.34 m	782.14 kNm	766.47 kNm	1798.71 kN	4266.93 kN	719.66 kNm	1798.71 kN	0.0064	[22.13%]
10.84 m	801.56 kNm	791.15 kNm	1827.17 kN	4303.99 kN	735.68 kNm	1827.17 kN	0.0063	[22.42%]
10.34 m	821.03 kNm	815.70 kNm	1855.63 kN	4334.95 kN	747.42 kNm	1855.63 kN	0.0063	[22.82%]
10.34 m	1066.56 kNm	962.47 kNm	2253.60 kN	5972.04 kN	970.94 kNm	2253.60 kN	0.0052	[17.57%]
9.84 m	1094.88 kNm	993.38 kNm	2289.18 kN	6015.45 kN	993.54 kNm	2289.18 kN	0.0051	[17.74%]
9.34 m	1123.39 kNm	1024.14 kNm	2324.64 kN	6063.42 kN	1016.10 kNm	2324.64 kN	0.0051	[17.91%]
8.84 m	1152.07 kNm	1056.03 kNm	2360.21 kN	6110.32 kN	1038.60 kNm	2360.21 kN	0.0051	[18.08%]
8.34 m	1180.92 kNm	1087.74 kNm	2395.79 kN	6155.84 kN	1061.02 kNm	2395.79 kN	0.0050	[18.25%]
7.84 m	1209.94 kNm	1120.59 kNm	2431.24 kN	6199.67 kN	1083.36 kNm	2431.24 kN	0.0050	[18.42%]
7.34 m	1239.11 kNm	1153.25 kNm	2466.82 kN	6249.28 kN	1105.61 kNm	2466.82 kN	0.0049	[18.58%]
6.84 m	1268.43 kNm	1187.07 kNm	2502.39 kN	6290.74 kN	1127.74 kNm	2502.39 kN	0.0049	[18.74%]
6.34 m	1297.89 kNm	1220.67 kNm	2537.97 kN	6337.87 kN	1149.75 kNm	2537.97 kN	0.0049	[18.91%]
5.84 m	1327.47 kNm	1255.46 kNm	2573.43 kN	6383.53 kN	1171.63 kNm	2573.43 kN	0.0048	[19.07%]
5.34 m	1357.19 kNm	1290.02 kNm	2609.00 kN	6428.29 kN	1184.70 kNm	2609.00 kN	0.0048	[19.37%]
5.34 m	1296.06 kNm	1218.56 kNm	2535.75 kN	6332.34 kN	1131.34 kNm	2535.75 kN	0.0049	[20.29%]
4.72 m	1333.44 kNm	1261.91 kNm	2580.66 kN	6387.13 kN	1158.52 kNm	2580.66 kN	0.0049	[20.47%]
4.09 m	1371.01 kNm	1306.74 kNm	2625.57 kN	6447.22 kN	1185.47 kNm	2625.57 kN	0.0048	[20.65%]
3.49 m	993.93 kNm	697.29 kNm	2735.91 kN	6497.78 kN	855.38 kNm	2735.91 kN	0.0046	[29.48%]
3.47 m	995.25 kNm	698.65 kNm	2737.77 kN	6502.21 kN	856.35 kNm	2737.77 kN	0.0046	[29.49%]
2.84 m	1446.68 kNm	1397.24 kNm	2715.26 kN	6554.34 kN	1238.56 kNm	2715.26 kN	0.0047	[21.01%]
2.22 m	1484.74 kNm	1443.63 kNm	2760.17 kN	6609.07 kN	1264.65 kNm	2760.17 kN	0.0047	[21.20%]

1.59 m	1090.00 kNm	780.82 kNm	2872.73 kN	6663.13 kN	923.59 kNm	2872.73 kN	0.0045	[29.87%]
1.24 m	1108.21 kNm	796.50 kNm	2897.92 kN	6689.37 kN	936.22 kNm	2897.92 kN	0.0045	[29.94%]
0.97 m	1122.54 kNm	809.00 kNm	2917.75 kN	6718.93 kN	946.09 kNm	2917.75 kN	0.0045	[30.00%]
0.34 m	1599.65 kNm	1588.14 kNm	2894.89 kN	6770.82 kN	1340.87 kNm	2894.89 kN	0.0045	[21.76%]

----- CONNECTION DESIGN (AS 4100) -----

ANCHOR BOLTS

- Calculate bolt tensile capacity (ϕNtf) as per AS 4100 Section 9 and AS 1275 Section 3.

  As = (db - 0.9382 × Bolt Pitch)² / 4
  = (36 - 0.9382 × 4)² / 4
  = 816.72 mm²

  ϕNtf = ϕ × fu × π × As
  = 0.80 × 520 × π × 816.72
  = 339.76 kN

- Calculate bolt shear capacity (ϕVf) as per with AS 4100 Section 9 and AS 1275 Section 3.

  ϕVf = ϕ × 0.62 × fu × π × (db - 1.0825 × Bolt Pitch)² / 4
  = 0.80 × 0.62 × 520 × π × (36 - 1.0825 × 4)² / 4
  = 203.18 kN

- Calculate bolt moment capacity (ϕMf) as per TIA-222-G Section 4.9.9 and AS 1275 Section 3.

  S = (db - 0.9382 × Bolt Pitch)³ / 6
  = (36 - 0.9382 × 4)³ / 6
  = 5589 mm³

  ϕMf = ϕ × fy × S
  = 0.90 × 420 × 5589
  = 2.11 kNm

- Calculate Anchor Bolt forces for a grouted base plate as per Horn 2011.

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

BASE M*: 694.23 kNm
BASE T*: 0.00 kNm
BASE Vx*: 0.00 kN
BASE Vy*: -31.40 kN
BASE N*: 53.51 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	84.57 kN	67.62 kN	26.70 kN	-11.90 kN	-26.08 kN	-11.90 kN	26.70 kN	67.62 kN	1.21 kN	0.00 kNm	[24.89%]
02	82.89 kN	76.23 kN	40.55 kN	-2.72 kN	-24.67 kN	-19.10 kN	12.85 kN	56.64 kN	1.21 kN	0.00 kNm	[24.40%]
03	77.94 kN	81.96 kN	53.60 kN	9.47 kN	-20.53 kN	-23.88 kN	-0.17 kN	43.91 kN	1.21 kN	0.00 kNm	[24.12%]
04	70.02 kN	84.47 kN	65.08 kN	23.20 kN	-13.91 kN	-25.99 kN	-9.77 kN	30.19 kN	1.21 kN	0.00 kNm	[24.86%]
05	59.57 kN	83.63 kN	74.34 kN	37.13 kN	-5.18 kN	-25.28 kN	-17.51 kN	16.26 kN	1.21 kN	0.00 kNm	[24.61%]
06	47.22 kN	79.48 kN	80.82 kN	50.45 kN	6.17 kN	-21.81 kN	-22.93 kN	2.94 kN	1.21 kN	0.00 kNm	[23.79%]
07	33.67 kN	72.26 kN	84.16 kN	62.39 kN	19.71 kN	-15.78 kN	-25.72 kN	-7.53 kN	1.21 kN	0.00 kNm	[24.77%]
08	19.71 kN	62.39 kN	84.16 kN	72.26 kN	33.67 kN	-7.53 kN	-25.72 kN	-15.78 kN	1.21 kN	0.00 kNm	[24.77%]
09	6.17 kN	50.45 kN	80.82 kN	79.48 kN	47.22 kN	2.94 kN	-22.93 kN	-21.81 kN	1.21 kN	0.00 kNm	[23.79%]
10	-5.18 kN	37.13 kN	74.34 kN	83.63 kN	59.57 kN	16.26 kN	-17.51 kN	-25.28 kN	1.21 kN	0.00 kNm	[24.61%]
11	-13.91 kN	23.20 kN	65.08 kN	84.47 kN	70.02 kN	30.19 kN	-9.77 kN	-25.99 kN	1.21 kN	0.00 kNm	[24.86%]
12	-20.53 kN	9.47 kN	53.60 kN	81.96 kN	77.94 kN	43.91 kN	-0.17 kN	-23.88 kN	1.21 kN	0.00 kNm	[24.12%]
13	-24.67 kN	-2.72 kN	40.55 kN	76.23 kN	82.89 kN	56.64 kN	12.85 kN	-19.10 kN	1.21 kN	0.00 kNm	[24.40%]
14	-26.08 kN	-11.90 kN	26.70 kN	67.62 kN	84.57 kN	67.62 kN	26.70 kN	-11.90 kN	1.21 kN	0.00 kNm	[24.89%]
15	-24.67 kN	-19.10 kN	12.85 kN	56.64 kN	82.89 kN	76.23 kN	40.55 kN	-2.72 kN	1.21 kN	0.00 kNm	[24.40%]
16	-20.53 kN	-23.88 kN	-0.17 kN	43.91 kN	77.94 kN	81.96 kN	53.60 kN	9.47 kN	1.21 kN	0.00 kNm	[24.12%]
17	-13.91 kN	-25.99 kN	-9.77 kN	30.19 kN	70.02 kN	84.47 kN	65.08 kN	23.20 kN	1.21 kN	0.00 kNm	[24.86%]
18	-5.18 kN	-25.28 kN	-17.51 kN	16.26 kN	59.57 kN	83.63 kN	74.34 kN	37.13 kN	1.21 kN	0.00 kNm	[24.61%]
19	6.17 kN	-21.81 kN	-22.93 kN	2.94 kN	47.22 kN	79.48 kN	80.82 kN	50.45 kN	1.21 kN	0.00 kNm	[23.79%]
20	19.71 kN	-15.78 kN	-25.72 kN	-7.53 kN	33.67 kN	72.26 kN	84.16 kN	62.39 kN	1.21 kN	0.00 kNm	[24.77%]
21	33.67 kN	-7.53 kN	-25.72 kN	-15.78 kN	19.71 kN	62.39 kN	84.16 kN	72.26 kN	1.21 kN	0.00 kNm	[24.77%]
22	47.22 kN	2.94 kN	-22.93 kN	-21.81 kN	6.17 kN	50.45 kN	80.82 kN	79.48 kN	1.21 kN	0.00 kNm	[23.79%]
23	59.57 kN	16.26 kN	-17.51 kN	-25.28 kN	-5.18 kN	37.13 kN	74.34 kN	83.63 kN	1.21 kN	0.00 kNm	[24.61%]
24	70.02 kN	30.19 kN	-9.77 kN	-25.99 kN	-13.91 kN	23.20 kN	65.08 kN	84.47 kN	1.21 kN	0.00 kNm	[24.86%]
25	77.94 kN	43.91 kN	-0.17 kN	-23.88 kN	-20.53 kN	9.47 kN	53.60 kN	81.96 kN	1.21 kN	0.00 kNm	[24.12%]
26	82.89 kN	56.64 kN	12.85 kN	-19.10 kN	-24.67 kN	-2.72 kN	40.55 kN	76.23 kN	1.21 kN	0.00 kNm	[24.40%]

NORTH EAST WIND

BASE M*: 659.26 kNm
BASE T*: 0.00 kNm
BASE Vx*: -21.35 kN
BASE Vy*: -21.35 kN
BASE N*: 53.51 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	80.20 kN	64.12 kN	25.29 kN	-11.32 kN	-24.77 kN	-11.32 kN	25.29 kN	64.12 kN	1.16 kN	0.00 kNm	[23.60%]
02	78.60 kN	72.28 kN	38.43 kN	-2.61 kN	-23.43 kN	-18.15 kN	12.15 kN	53.70 kN	1.16 kN	0.00 kNm	[23.13%]
03	73.91 kN	77.71 kN	50.81 kN	8.95 kN	-19.51 kN	-22.69 kN	-0.19 kN	41.62 kN	1.16 kN	0.00 kNm	[22.87%]
04	66.39 kN	80.10 kN	61.71 kN	21.97 kN	-13.22 kN	-24.68 kN	-9.30 kN	28.60 kN	1.16 kN	0.00 kNm	[23.58%]
05	56.48 kN	79.30 kN	70.49 kN	35.19 kN	-4.94 kN	-24.01 kN	-16.64 kN	15.39 kN	1.16 kN	0.00 kNm	[23.34%]
06	44.76 kN	75.36 kN	76.64 kN	47.82 kN	5.81 kN	-20.72 kN	-21.78 kN	2.75 kN	1.16 kN	0.00 kNm	[22.56%]
07	31.90 kN	68.51 kN	79.81 kN	59.15 kN	18.67 kN	-15.00 kN	-24.43 kN	-7.17 kN	1.16 kN	0.00 kNm	[23.49%]
08	18.67 kN	59.15 kN	79.81 kN	68.51 kN	31.90 kN	-7.17 kN	-24.43 kN	-15.00 kN	1.16 kN	0.00 kNm	[23.49%]
09	5.81 kN	47.82 kN	76.64 kN	75.36 kN	44.76 kN	2.75 kN	-21.78 kN	-20.72 kN	1.16 kN	0.00 kNm	[22.56%]
10	-4.94 kN	35.19 kN	70.49 kN	79.30 kN	56.48 kN	15.39 kN	-16.64 kN	-24.01 kN	1.16 kN	0.00 kNm	[23.34%]
11	-13.22 kN	21.97 kN	61.71 kN	80.10 kN	66.39 kN	28.60 kN	-9.30 kN	-24.68 kN	1.16 kN	0.00 kNm	[23.58%]
12	-19.51 kN	8.95 kN	50.81 kN	77.71 kN	73.91 kN	41.62 kN	-0.19 kN	-22.69 kN	1.16 kN	0.00 kNm	[22.87%]
13	-23.43 kN	-2.61 kN	38.43 kN	72.28 kN	78.60 kN	53.70 kN	12.15 kN	-18.15 kN	1.16 kN	0.00 kNm	[23.13%]
14	-24.77 kN	-11.32 kN	25.29 kN	64.12 kN	80.20 kN	64.12 kN	25.29 kN	-11.32 kN	1.16 kN	0.00 kNm	[23.60%]
15	-23.43 kN	-18.15 kN	12.15 kN	53.70 kN	78.60 kN	72.28 kN	38.43 kN	-2.61 kN	1.16 kN	0.00 kNm	[23.13%]
16	-19.51 kN	-22.69 kN	-0.19 kN	41.62 kN	73.91 kN	77.71 kN	50.81 kN	8.95 kN	1.16 kN	0.00 kNm	[22.87%]
17	-13.22 kN	-24.68 kN	-9.30 kN	28.60 kN	66.39 kN	80.10 kN	61.71 kN	21.97 kN	1.16 kN	0.00 kNm	[23.58%]
18	-4.94 kN	-24.01 kN	-16.64 kN	15.39 kN	56.48 kN	79.30 kN	70.49 kN	35.19 kN	1.16 kN	0.00 kNm	[23.34%]
19	5.81 kN	-20.72 kN	-21.78 kN	2.75 kN	44.76 kN	75.36 kN	76.64 kN	47.82 kN	1.16 kN	0.00 kNm	[22.56%]
20	18.67 kN	-15.00 kN	-24.43 kN	-7.17 kN	31.90 kN	68.51 kN	79.81 kN	59.15 kN	1.16 kN	0.00 kNm	[23.49%]
21	31.90 kN	-7.17 kN	-24.43 kN	-15.00 kN	18.67 kN	59.15 kN	79.81 kN	68.51 kN	1.16 kN	0.00 kNm	[23.49%]
22	44.76 kN	2.75 kN	-21.78 kN	-20.72 kN	5.81 kN	47.82 kN	76.64 kN	75.36 kN	1.16 kN	0.00 kNm	[22.56%]

23	56.48 kN	15.39 kN	-16.64 kN	-24.01 kN	-4.94 kN	35.19 kN	70.49 kN	79.30 kN	1.16 kN	0.00 kNm	[23.34%]
24	66.39 kN	28.60 kN	-9.30 kN	-24.68 kN	-13.22 kN	21.97 kN	61.71 kN	80.10 kN	1.16 kN	0.00 kNm	[23.58%]
25	73.91 kN	41.62 kN	-0.19 kN	-22.69 kN	-19.51 kN	8.95 kN	50.81 kN	77.71 kN	1.16 kN	0.00 kNm	[22.87%]
26	78.60 kN	53.70 kN	12.15 kN	-18.15 kN	-23.43 kN	-2.61 kN	38.43 kN	72.28 kN	1.16 kN	0.00 kNm	[23.13%]

EAST WIND

BASE M*: 836.20 kNm
BASE T*: 0.00 kNm
BASE Vx*: -39.59 kN
BASE Vy*: 0.00 kN
BASE N*: 53.51 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	102.34 kN	81.85 kN	32.41 kN	-14.26 kN	-31.39 kN	-14.26 kN	32.41 kN	81.85 kN	1.52 kN	0.00 kNm	[30.12%]
02	100.31 kN	92.25 kN	49.14 kN	-3.16 kN	-29.69 kN	-22.95 kN	15.67 kN	68.58 kN	1.52 kN	0.00 kNm	[29.52%]
03	94.33 kN	99.17 kN	64.91 kN	11.59 kN	-24.69 kN	-28.74 kN	-0.08 kN	53.21 kN	1.52 kN	0.00 kNm	[29.19%]
04	84.75 kN	102.21 kN	78.79 kN	28.18 kN	-16.68 kN	-31.28 kN	-11.68 kN	36.62 kN	1.52 kN	0.00 kNm	[30.08%]
05	72.13 kN	101.19 kN	89.97 kN	45.01 kN	-6.13 kN	-30.43 kN	-21.03 kN	19.79 kN	1.52 kN	0.00 kNm	[29.78%]
06	57.20 kN	96.18 kN	97.80 kN	61.10 kN	7.60 kN	-26.23 kN	-27.58 kN	3.70 kN	1.52 kN	0.00 kNm	[28.79%]
07	40.83 kN	87.46 kN	101.84 kN	75.53 kN	23.97 kN	-18.94 kN	-30.95 kN	-8.97 kN	1.52 kN	0.00 kNm	[29.97%]
08	23.97 kN	75.53 kN	101.84 kN	87.46 kN	40.83 kN	-8.97 kN	-30.95 kN	-18.94 kN	1.52 kN	0.00 kNm	[29.97%]
09	7.60 kN	61.10 kN	97.80 kN	96.18 kN	57.20 kN	3.70 kN	-27.58 kN	-26.23 kN	1.52 kN	0.00 kNm	[28.79%]
10	-6.13 kN	45.01 kN	89.97 kN	101.19 kN	72.13 kN	19.79 kN	-21.03 kN	-30.43 kN	1.52 kN	0.00 kNm	[29.78%]
11	-16.68 kN	28.18 kN	78.79 kN	102.21 kN	84.75 kN	36.62 kN	-11.68 kN	-31.28 kN	1.52 kN	0.00 kNm	[30.08%]
12	-24.69 kN	11.59 kN	64.91 kN	99.17 kN	94.33 kN	53.21 kN	-0.08 kN	-28.74 kN	1.52 kN	0.00 kNm	[29.19%]
13	-29.69 kN	-3.16 kN	49.14 kN	92.25 kN	100.31 kN	68.58 kN	15.67 kN	-22.95 kN	1.52 kN	0.00 kNm	[29.52%]
14	-31.39 kN	-14.26 kN	32.41 kN	81.85 kN	102.34 kN	81.85 kN	32.41 kN	-14.26 kN	1.52 kN	0.00 kNm	[30.12%]
15	-29.69 kN	-22.95 kN	15.67 kN	68.58 kN	100.31 kN	92.25 kN	49.14 kN	-3.16 kN	1.52 kN	0.00 kNm	[29.52%]
16	-24.69 kN	-28.74 kN	-0.08 kN	53.21 kN	94.33 kN	99.17 kN	64.91 kN	11.59 kN	1.52 kN	0.00 kNm	[29.19%]
17	-16.68 kN	-31.28 kN	-11.68 kN	36.62 kN	84.75 kN	102.21 kN	78.79 kN	28.18 kN	1.52 kN	0.00 kNm	[30.08%]
18	-6.13 kN	-30.43 kN	-21.03 kN	19.79 kN	72.13 kN	101.19 kN	89.97 kN	45.01 kN	1.52 kN	0.00 kNm	[29.78%]
19	7.60 kN	-26.23 kN	-27.58 kN	3.70 kN	57.20 kN	96.18 kN	97.80 kN	61.10 kN	1.52 kN	0.00 kNm	[28.79%]
20	23.97 kN	-18.94 kN	-30.95 kN	-8.97 kN	40.83 kN	87.46 kN	101.84 kN	75.53 kN	1.52 kN	0.00 kNm	[29.97%]
21	40.83 kN	-8.97 kN	-30.95 kN	-18.94 kN	23.97 kN	75.53 kN	101.84 kN	87.46 kN	1.52 kN	0.00 kNm	[29.97%]
22	57.20 kN	3.70 kN	-27.58 kN	-26.23 kN	7.60 kN	61.10 kN	97.80 kN	96.18 kN	1.52 kN	0.00 kNm	[28.79%]
23	72.13 kN	19.79 kN	-21.03 kN	-30.43 kN	-6.13 kN	45.01 kN	89.97 kN	101.19 kN	1.52 kN	0.00 kNm	[29.78%]
24	84.75 kN	36.62 kN	-11.68 kN	-31.28 kN	-16.68 kN	28.18 kN	78.79 kN	102.21 kN	1.52 kN	0.00 kNm	[30.08%]
25	94.33 kN	53.21 kN	-0.08 kN	-28.74 kN	-24.69 kN	11.59 kN	64.91 kN	99.17 kN	1.52 kN	0.00 kNm	[29.19%]
26	100.31 kN	68.58 kN	15.67 kN	-22.95 kN	-29.69 kN	-3.16 kN	49.14 kN	92.25 kN	1.52 kN	0.00 kNm	[29.52%]

SOUTH EAST WIND

BASE M*: 1138.96 kNm
BASE T*: 0.00 kNm
BASE Vx*: -36.79 kN
BASE Vy*: 36.79 kN
BASE N*: 53.51 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	140.19 kN	112.17 kN	44.55 kN	-19.30 kN	-42.73 kN	-19.30 kN	44.55 kN	112.17 kN	2.00 kN	0.00 kNm	[41.26%]
02	137.41 kN	126.39 kN	67.44 kN	-4.13 kN	-40.40 kN	-31.19 kN	21.66 kN	94.02 kN	2.00 kN	0.00 kNm	[40.44%]
03	129.23 kN	135.86 kN	89.00 kN	16.09 kN	-33.57 kN	-39.10 kN	0.08 kN	73.00 kN	2.00 kN	0.00 kNm	[39.99%]
04	116.13 kN	140.01 kN	107.98 kN	38.77 kN	-22.62 kN	-42.58 kN	-15.78 kN	50.32 kN	2.00 kN	0.00 kNm	[41.21%]
05	98.87 kN	138.62 kN	123.27 kN	61.78 kN	-8.19 kN	-41.42 kN	-28.56 kN	27.30 kN	2.00 kN	0.00 kNm	[40.80%]
06	78.46 kN	131.76 kN	133.99 kN	83.80 kN	10.62 kN	-35.68 kN	-37.52 kN	5.29 kN	2.00 kN	0.00 kNm	[39.44%]
07	56.07 kN	119.83 kN	139.50 kN	103.53 kN	33.01 kN	-25.71 kN	-42.14 kN	-12.08 kN	2.00 kN	0.00 kNm	[41.06%]
08	33.01 kN	103.53 kN	139.50 kN	119.83 kN	56.07 kN	-12.08 kN	-42.14 kN	-25.71 kN	2.00 kN	0.00 kNm	[41.06%]
09	10.62 kN	83.80 kN	133.99 kN	131.76 kN	78.46 kN	5.29 kN	-37.52 kN	-35.68 kN	2.00 kN	0.00 kNm	[39.44%]
10	-8.19 kN	61.78 kN	123.27 kN	138.62 kN	98.87 kN	27.30 kN	-28.56 kN	-41.42 kN	2.00 kN	0.00 kNm	[40.80%]
11	-22.62 kN	38.77 kN	107.98 kN	140.01 kN	116.13 kN	50.32 kN	-15.78 kN	-42.58 kN	2.00 kN	0.00 kNm	[41.21%]
12	-33.57 kN	16.09 kN	89.00 kN	135.86 kN	129.23 kN	73.00 kN	0.08 kN	-39.10 kN	2.00 kN	0.00 kNm	[39.99%]
13	-40.40 kN	-4.13 kN	67.44 kN	126.39 kN	137.41 kN	94.02 kN	21.66 kN	-31.19 kN	2.00 kN	0.00 kNm	[40.44%]
14	-42.73 kN	-19.30 kN	44.55 kN	112.17 kN	140.19 kN	112.17 kN	44.55 kN	-19.30 kN	2.00 kN	0.00 kNm	[41.26%]
15	-40.40 kN	-31.19 kN	21.66 kN	94.02 kN	137.41 kN	126.39 kN	67.44 kN	-4.13 kN	2.00 kN	0.00 kNm	[40.44%]
16	-33.57 kN	-39.10 kN	0.08 kN	73.00 kN	129.23 kN	135.86 kN	89.00 kN	16.09 kN	2.00 kN	0.00 kNm	[39.99%]
17	-22.62 kN	-42.58 kN	-15.78 kN	50.32 kN	116.13 kN	140.01 kN	107.98 kN	38.77 kN	2.00 kN	0.00 kNm	[41.21%]
18	-8.19 kN	-41.42 kN	-28.56 kN	27.30 kN	98.87 kN	138.62 kN	123.27 kN	61.78 kN	2.00 kN	0.00 kNm	[40.80%]
19	10.62 kN	-35.68 kN	-37.52 kN	5.29 kN	78.46 kN	131.76 kN	133.99 kN	83.80 kN	2.00 kN	0.00 kNm	[39.44%]
20	33.01 kN	-25.71 kN	-42.14 kN	-12.08 kN	56.07 kN	119.83 kN	139.50 kN	103.53 kN	2.00 kN	0.00 kNm	[41.06%]
21	56.07 kN	-12.08 kN	-42.14 kN	-25.71 kN	33.01 kN	103.53 kN	139.50 kN	119.83 kN	2.00 kN	0.00 kNm	[41.06%]
22	78.46 kN	5.29 kN	-37.52 kN	-35.68 kN	10.62 kN	83.80 kN	133.99 kN	131.76 kN	2.00 kN	0.00 kNm	[39.44%]
23	98.87 kN	27.30 kN	-28.56 kN	-41.42 kN	-8.19 kN	61.78 kN	123.27 kN	138.62 kN	2.00 kN	0.00 kNm	[40.80%]
24	116.13 kN	50.32 kN	-15.78 kN	-42.58 kN	-22.62 kN	38.77 kN	107.98 kN	140.01 kN	2.00 kN	0.00 kNm	[41.21%]
25	129.23 kN	73.00 kN	0.08 kN	-39.10 kN	-33.57 kN	16.09 kN	89.00 kN	135.86 kN	2.00 kN	0.00 kNm	[39.99%]
26	137.41 kN	94.02 kN	21.66 kN	-31.19 kN	-40.40 kN	-4.13 kN	67.44 kN	126.39 kN	2.00 kN	0.00 kNm	[40.44%]

SOUTH WIND

BASE M*: 927.09 kNm
BASE T*: 0.00 kNm
BASE Vx*: 0.00 kN
BASE Vy*: 41.81 kN
BASE N*: 53.51 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	113.70 kN	90.95 kN	36.06 kN	-15.77 kN	-34.79 kN	-15.77 kN	36.06 kN	90.95 kN	1.61 kN	0.00 kNm	[33.46%]
02	111.44 kN	102.50 kN	54.64 kN	-3.45 kN	-32.90 kN	-25.42 kN	17.47 kN	76.22 kN	1.61 kN	0.00 kNm	[32.80%]
03	104.80 kN	110.18 kN	72.15 kN	12.94 kN	-27.35 kN	-31.85 kN	-0.03 kN	59.15 kN	1.61 kN	0.00 kNm	[32.43%]
04	94.17 kN	113.56 kN	87.55 kN	31.36 kN	-18.46 kN	-34.67 kN	-12.91 kN	40.73 kN	1.61 kN	0.00 kNm	[33.42%]
05	80.15 kN	112.43 kN	99.97 kN	50.04 kN	-6.75 kN	-33.72 kN	-23.29 kN	22.05 kN	1.61 kN	0.00 kNm	[33.09%]
06	63.58 kN	106.86 kN	108.67 kN	67.91 kN	8.50 kN	-29.07 kN	-30.56 kN	4.17 kN	1.61 kN	0.00 kNm	[31.98%]
07	45.40 kN	97.17 kN	113.15 kN	83.94 kN	26.68 kN	-20.97 kN	-34.30 kN	-9.90 kN	1.61 kN	0.00 kNm	[33.30%]
08	26.68 kN	83.94 kN	113.15 kN	97.17 kN	45.40 kN	-9.90 kN	-34.30 kN	-20.97 kN	1.61 kN	0.00 kNm	[33.30%]
09	8.50 kN	67.91 kN	108.67 kN	106.86 kN	63.58 kN	4.17 kN	-30.56 kN	-29.07 kN	1.61 kN	0.00 kNm	[31.98%]
10	-6.75 kN	50.04 kN	99.97 kN	112.43 kN	80.15 kN	22.05 kN	-23.29 kN	-33.72 kN	1.61 kN	0.00 kNm	[33.09%]
11	-18.46 kN	31.36 kN	87.55 kN	113.56 kN	94.17 kN	40.73 kN	-12.91 kN	-34.67 kN	1.61 kN	0.00 kNm	[33.42%]
12	-27.35 kN	12.94 kN	72.15 kN	110.18 kN	104.80 kN	59.15 kN	-0.03 kN	-31.85 kN	1.61 kN	0.00 kNm	[32.43%]
13	-32.90 kN	-3.45 kN	54.64 kN	102.50 kN	111.44 kN	76.22 kN	17.47 kN	-25.42 kN	1.61 kN	0.00 kNm	[32.80%]
14	-34.79 kN	-15.77 kN	36.06 kN	90.95 kN	113.70 kN	90.95 kN	36.06 kN	-15.77 kN	1.61 kN	0.00 kNm	[33.46%]
15	-32.90 kN	-25.42 kN	17.47 kN	76.22 kN	111.44 kN	102.50 kN	54.64 kN	-3.45 kN	1.61 kN	0.00 kNm	[32.80%]
16	-27.35 kN	-31.85 kN	-0.03 kN	59.15 kN	104.80 kN	110.18 kN	72.15 kN	12.94 kN	1.61 kN	0.00 kNm	[32.43%]
17	-18.46 kN	-34.67 kN	-12.91 kN	40.73 kN	94.17 kN	113.56 kN	87.55 kN	31.36 kN	1.61 kN	0.00 kNm	[33.42%]
18	-6.75 kN	-33.72 kN	-23.29 kN	22.05 kN	80.15 kN	112.43 kN	99.97 kN	50.04 kN	1.61 kN	0.00 kNm	[33.09%]
19	8.50 kN	-29.07 kN	-30.56 kN	4.17 kN	63.58 kN	106.86 kN	108.67 kN	67.91 kN	1.61 kN	0.00 kNm	[31.98%]
20	26.68 kN	-20.97 kN	-34.30 kN	-9.90 kN	45.40 kN	97.17 kN	113.15 kN	83.94 kN	1.61 kN	0.00 kNm	[33.30%]
21	45.40 kN	-9.90 kN	-34.30 kN	-20.97 kN	26.68 kN	83.94 kN	113.15 kN	97.17 kN	1.61 kN	0.00 kNm	[33.30%]

22	63.58 kN	4.17 kN	-30.56 kN	-29.07 kN	8.50 kN	67.91 kN	108.67 kN	106.86 kN	1.61 kN	0.00 kNm	[31.98%]
23	80.15 kN	22.05 kN	-23.29 kN	-33.72 kN	-6.75 kN	50.04 kN	99.97 kN	112.43 kN	1.61 kN	0.00 kNm	[33.09%]
24	94.17 kN	40.73 kN	-12.91 kN	-34.67 kN	-18.46 kN	31.36 kN	87.55 kN	113.56 kN	1.61 kN	0.00 kNm	[33.42%]
25	104.80 kN	59.15 kN	-0.03 kN	-31.85 kN	-27.35 kN	12.94 kN	72.15 kN	110.18 kN	1.61 kN	0.00 kNm	[32.43%]
26	111.44 kN	76.22 kN	17.47 kN	-25.42 kN	-32.90 kN	-3.45 kN	54.64 kN	102.50 kN	1.61 kN	0.00 kNm	[32.80%]

SOUTH WEST WIND

BASE M*: 732.82 kNm
BASE T*: 0.00 kNm
BASE Vx*: 23.51 kN
BASE Vy*: 23.51 kN
BASE N*: 53.51 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	89.40 kN	71.49 kN	28.25 kN	-12.54 kN	-27.52 kN	-12.54 kN	28.25 kN	71.49 kN	1.28 kN	0.00 kNm	[26.31%]
02	87.63 kN	80.58 kN	42.89 kN	-2.84 kN	-26.03 kN	-20.14 kN	13.61 kN	59.89 kN	1.28 kN	0.00 kNm	[25.79%]
03	82.40 kN	86.64 kN	56.67 kN	10.05 kN	-21.66 kN	-25.20 kN	-0.14 kN	46.44 kN	1.28 kN	0.00 kNm	[25.50%]
04	74.02 kN	89.29 kN	68.81 kN	24.55 kN	-14.66 kN	-27.42 kN	-10.29 kN	31.94 kN	1.28 kN	0.00 kNm	[26.28%]
05	62.99 kN	88.40 kN	78.59 kN	39.27 kN	-5.43 kN	-26.68 kN	-18.46 kN	17.22 kN	1.28 kN	0.00 kNm	[26.02%]
06	49.93 kN	84.02 kN	85.44 kN	53.35 kN	6.56 kN	-23.01 kN	-24.19 kN	3.14 kN	1.28 kN	0.00 kNm	[25.15%]
07	35.62 kN	76.39 kN	88.97 kN	65.96 kN	20.87 kN	-16.64 kN	-27.14 kN	-7.92 kN	1.28 kN	0.00 kNm	[26.19%]
08	20.87 kN	65.96 kN	88.97 kN	76.39 kN	35.62 kN	-7.92 kN	-27.14 kN	-16.64 kN	1.28 kN	0.00 kNm	[26.19%]
09	6.56 kN	53.35 kN	85.44 kN	84.02 kN	49.93 kN	3.14 kN	-24.19 kN	-23.01 kN	1.28 kN	0.00 kNm	[25.15%]
10	-5.43 kN	39.27 kN	78.59 kN	88.40 kN	62.99 kN	17.22 kN	-18.46 kN	-26.68 kN	1.28 kN	0.00 kNm	[26.02%]
11	-14.66 kN	24.55 kN	68.81 kN	89.29 kN	74.02 kN	31.94 kN	-10.29 kN	-27.42 kN	1.28 kN	0.00 kNm	[26.28%]
12	-21.66 kN	10.05 kN	56.67 kN	86.64 kN	82.40 kN	46.44 kN	-0.14 kN	-25.20 kN	1.28 kN	0.00 kNm	[25.50%]
13	-26.03 kN	-2.84 kN	42.89 kN	80.58 kN	87.63 kN	59.89 kN	13.61 kN	-20.14 kN	1.28 kN	0.00 kNm	[25.79%]
14	-27.52 kN	-12.54 kN	28.25 kN	71.49 kN	89.40 kN	71.49 kN	28.25 kN	-12.54 kN	1.28 kN	0.00 kNm	[26.31%]
15	-26.03 kN	-20.14 kN	13.61 kN	59.89 kN	87.63 kN	80.58 kN	42.89 kN	-2.84 kN	1.28 kN	0.00 kNm	[25.79%]
16	-21.66 kN	-25.20 kN	-0.14 kN	46.44 kN	82.40 kN	86.64 kN	56.67 kN	10.05 kN	1.28 kN	0.00 kNm	[25.50%]
17	-14.66 kN	-27.42 kN	-10.29 kN	31.94 kN	74.02 kN	89.29 kN	68.81 kN	24.55 kN	1.28 kN	0.00 kNm	[26.28%]
18	-5.43 kN	-26.68 kN	-18.46 kN	17.22 kN	62.99 kN	88.40 kN	78.59 kN	39.27 kN	1.28 kN	0.00 kNm	[26.02%]
19	6.56 kN	-23.01 kN	-24.19 kN	3.14 kN	49.93 kN	84.02 kN	85.44 kN	53.35 kN	1.28 kN	0.00 kNm	[25.15%]
20	20.87 kN	-16.64 kN	-27.14 kN	-7.92 kN	35.62 kN	76.39 kN	88.97 kN	65.96 kN	1.28 kN	0.00 kNm	[26.19%]
21	35.62 kN	-7.92 kN	-27.14 kN	-16.64 kN	20.87 kN	65.96 kN	88.97 kN	76.39 kN	1.28 kN	0.00 kNm	[26.19%]
22	49.93 kN	3.14 kN	-24.19 kN	-23.01 kN	6.56 kN	53.35 kN	85.44 kN	84.02 kN	1.28 kN	0.00 kNm	[25.15%]
23	62.99 kN	17.22 kN	-18.46 kN	-26.68 kN	-5.43 kN	39.27 kN	78.59 kN	88.40 kN	1.28 kN	0.00 kNm	[26.02%]
24	74.02 kN	31.94 kN	-10.29 kN	-27.42 kN	-14.66 kN	24.55 kN	68.81 kN	89.29 kN	1.28 kN	0.00 kNm	[26.28%]
25	82.40 kN	46.44 kN	-0.14 kN	-25.20 kN	-21.66 kN	10.05 kN	56.67 kN	86.64 kN	1.28 kN	0.00 kNm	[25.50%]
26	87.63 kN	59.89 kN	13.61 kN	-20.14 kN	-26.03 kN	-2.84 kN	42.89 kN	80.58 kN	1.28 kN	0.00 kNm	[25.79%]

WEST WIND

BASE M*: 665.50 kNm
BASE T*: 0.00 kNm
BASE Vx*: 30.05 kN
BASE Vy*: 0.00 kN
BASE N*: 53.51 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	80.98 kN	64.74 kN	25.54 kN	-11.42 kN	-25.00 kN	-11.42 kN	25.54 kN	64.74 kN	1.16 kN	0.00 kNm	[23.84%]
02	79.37 kN	72.99 kN	38.81 kN	-2.63 kN	-23.65 kN	-18.32 kN	12.28 kN	54.22 kN	1.16 kN	0.00 kNm	[23.36%]
03	74.63 kN	78.47 kN	51.31 kN	9.04 kN	-19.69 kN	-22.90 kN	-0.19 kN	42.03 kN	1.16 kN	0.00 kNm	[23.10%]
04	67.04 kN	80.88 kN	62.31 kN	22.19 kN	-13.34 kN	-24.92 kN	-9.38 kN	28.89 kN	1.16 kN	0.00 kNm	[23.81%]
05	57.03 kN	80.08 kN	71.17 kN	35.53 kN	-4.98 kN	-24.24 kN	-16.79 kN	15.55 kN	1.16 kN	0.00 kNm	[23.57%]
06	45.20 kN	76.10 kN	77.39 kN	48.29 kN	5.88 kN	-20.92 kN	-21.98 kN	2.78 kN	1.16 kN	0.00 kNm	[22.78%]
07	32.22 kN	69.18 kN	80.59 kN	59.73 kN	18.85 kN	-15.14 kN	-24.66 kN	-7.23 kN	1.16 kN	0.00 kNm	[23.72%]
08	18.85 kN	59.73 kN	80.59 kN	69.18 kN	32.22 kN	-7.23 kN	-24.66 kN	-15.14 kN	1.16 kN	0.00 kNm	[23.72%]
09	5.88 kN	48.29 kN	77.39 kN	76.10 kN	45.20 kN	2.78 kN	-21.98 kN	-20.92 kN	1.16 kN	0.00 kNm	[22.78%]
10	-4.98 kN	35.53 kN	71.17 kN	80.08 kN	57.03 kN	15.55 kN	-16.79 kN	-24.24 kN	1.16 kN	0.00 kNm	[23.57%]
11	-13.34 kN	22.19 kN	62.31 kN	80.88 kN	67.04 kN	28.89 kN	-9.38 kN	-24.92 kN	1.16 kN	0.00 kNm	[23.81%]
12	-19.69 kN	9.04 kN	51.31 kN	78.47 kN	74.63 kN	42.03 kN	-0.19 kN	-22.90 kN	1.16 kN	0.00 kNm	[23.10%]
13	-23.65 kN	-2.63 kN	38.81 kN	72.99 kN	79.37 kN	54.22 kN	12.28 kN	-18.32 kN	1.16 kN	0.00 kNm	[23.36%]
14	-25.00 kN	-11.42 kN	25.54 kN	64.74 kN	80.98 kN	64.74 kN	25.54 kN	-11.42 kN	1.16 kN	0.00 kNm	[23.84%]
15	-23.65 kN	-18.32 kN	12.28 kN	54.22 kN	79.37 kN	72.99 kN	38.81 kN	-2.63 kN	1.16 kN	0.00 kNm	[23.36%]
16	-19.69 kN	-22.90 kN	-0.19 kN	42.03 kN	74.63 kN	78.47 kN	51.31 kN	9.04 kN	1.16 kN	0.00 kNm	[23.10%]
17	-13.34 kN	-24.92 kN	-9.38 kN	28.89 kN	67.04 kN	80.88 kN	62.31 kN	22.19 kN	1.16 kN	0.00 kNm	[23.81%]
18	-4.98 kN	-24.24 kN	-16.79 kN	15.55 kN	57.03 kN	80.08 kN	71.17 kN	35.53 kN	1.16 kN	0.00 kNm	[23.57%]
19	5.88 kN	-20.92 kN	-21.98 kN	2.78 kN	45.20 kN	76.10 kN	77.39 kN	48.29 kN	1.16 kN	0.00 kNm	[22.78%]
20	18.85 kN	-15.14 kN	-24.66 kN	-7.23 kN	32.22 kN	69.18 kN	80.59 kN	59.73 kN	1.16 kN	0.00 kNm	[23.72%]
21	32.22 kN	-7.23 kN	-24.66 kN	-15.14 kN	18.85 kN	59.73 kN	80.59 kN	69.18 kN	1.16 kN	0.00 kNm	[23.72%]
22	45.20 kN	2.78 kN	-21.98 kN	-20.92 kN	5.88 kN	48.29 kN	77.39 kN	76.10 kN	1.16 kN	0.00 kNm	[22.78%]
23	57.03 kN	15.55 kN	-16.79 kN	-24.24 kN	-4.98 kN	35.53 kN	71.17 kN	80.08 kN	1.16 kN	0.00 kNm	[23.57%]
24	67.04 kN	28.89 kN	-9.38 kN	-24.92 kN	-13.34 kN	22.19 kN	62.31 kN	80.88 kN	1.16 kN	0.00 kNm	[23.81%]
25	74.63 kN	42.03 kN	-0.19 kN	-22.90 kN	-19.69 kN	9.04 kN	51.31 kN	78.47 kN	1.16 kN	0.00 kNm	[23.10%]
26	79.37 kN	54.22 kN	12.28 kN	-18.32 kN	-23.65 kN	-2.63 kN	38.81 kN	72.99 kN	1.16 kN	0.00 kNm	[23.36%]

NORTH WEST WIND

BASE M*: 729.20 kNm
BASE T*: 0.00 kNm
BASE Vx*: 23.11 kN
BASE Vy*: -23.11 kN
BASE N*: 53.51 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	88.95 kN	71.13 kN	28.10 kN	-12.48 kN	-27.38 kN	-12.48 kN	28.10 kN	71.13 kN	1.26 kN	0.00 kNm	[26.18%]
02	87.18 kN	80.17 kN	42.67 kN	-2.83 kN	-25.90 kN	-20.04 kN	13.54 kN	59.58 kN	1.26 kN	0.00 kNm	[25.66%]
03	81.98 kN	86.19 kN	56.38 kN	10.00 kN	-21.56 kN	-25.08 kN	-0.15 kN	46.20 kN	1.26 kN	0.00 kNm	[25.37%]
04	73.64 kN	88.84 kN	68.46 kN	24.42 kN	-14.59 kN	-27.29 kN	-10.24 kN	31.77 kN	1.26 kN	0.00 kNm	[26.15%]
05	62.66 kN	87.95 kN	78.18 kN	39.07 kN	-5.41 kN	-26.55 kN	-18.37 kN	17.13 kN	1.26 kN	0.00 kNm	[25.89%]
06	49.67 kN	83.59 kN	85.00 kN	53.07 kN	6.52 kN	-22.90 kN	-24.07 kN	3.12 kN	1.26 kN	0.00 kNm	[25.02%]
07	35.43 kN	76.00 kN	88.51 kN	65.63 kN	20.76 kN	-16.56 kN	-27.01 kN	-7.88 kN	1.26 kN	0.00 kNm	[26.05%]
08	20.76 kN	65.63 kN	88.51 kN	76.00 kN	35.43 kN	-7.88 kN	-27.01 kN	-16.56 kN	1.26 kN	0.00 kNm	[26.05%]
09	6.52 kN	53.07 kN	85.00 kN	83.59 kN	49.67 kN	3.12 kN	-24.07 kN	-22.90 kN	1.26 kN	0.00 kNm	[25.02%]
10	-5.41 kN	39.07 kN	78.18 kN	87.95 kN	62.66 kN	17.13 kN	-18.37 kN	-26.55 kN	1.26 kN	0.00 kNm	[25.89%]
11	-14.59 kN	24.42 kN	68.46 kN	88.84 kN	73.64 kN	31.77 kN	-10.24 kN	-27.29 kN	1.26 kN	0.00 kNm	[26.15%]
12	-21.56 kN	10.00 kN	56.38 kN	86.19 kN	81.98 kN	46.20 kN	-0.15 kN	-25.08 kN	1.26 kN	0.00 kNm	[25.37%]
13	-25.90 kN	-2.83 kN	42.67 kN	80.17 kN	87.18 kN	59.58 kN	13.54 kN	-20.04 kN	1.26 kN	0.00 kNm	[25.66%]
14	-27.38 kN	-12.48 kN	28.10 kN	71.13 kN	88.95 kN	71.13 kN	28.10 kN	-12.48 kN	1.26 kN	0.00 kNm	[26.18%]
15	-25.90 kN	-20.04 kN	13.54 kN	59.58 kN	87.18 kN	80.17 kN	42.67 kN	-2.83 kN	1.26 kN	0.00 kNm	[25.66%]
16	-21.56 kN	-25.08 kN	-0.15 kN	46.20 kN	81.98 kN	86.19 kN	56.38 kN	10.00 kN	1.26 kN	0.00 kNm	[25.37%]
17	-14.59 kN	-27.29 kN	-10.24 kN	31.77 kN	73.64 kN	88.84 kN	68.46 kN	24.42 kN	1.26 kN	0.00 kNm	[26.15%]
18	-5.41 kN	-26.55 kN	-18.37 kN	17.13 kN	62.66 kN	87.95 kN	78.18 kN	39.07 kN	1.26 kN	0.00 kNm	[25.89%]
19	6.52 kN	-22.90 kN	-24.07 kN	3.12 kN	49.67 kN	83.59 kN	85.00 kN	53.07 kN	1.26 kN	0.00 kNm	[25.02%]
20	20.76 kN	-16.56 kN	-27.01 kN	-7.88 kN	35.43 kN	76.00 kN	88.51 kN	65.63 kN	1.26 kN	0.00 kNm	[26.05%]

21	35.43 kN	-7.88 kN	-27.01 kN	-16.56 kN	20.76 kN	65.63 kN	88.51 kN	76.00 kN	1.26 kN	0.00 kNm [26.05%]
22	49.67 kN	3.12 kN	-24.07 kN	-22.90 kN	6.52 kN	53.07 kN	85.00 kN	83.59 kN	1.26 kN	0.00 kNm [25.02%]
23	62.66 kN	17.13 kN	-18.37 kN	-26.55 kN	-5.41 kN	39.07 kN	78.18 kN	87.95 kN	1.26 kN	0.00 kNm [25.89%]
24	73.64 kN	31.77 kN	-10.24 kN	-27.29 kN	-14.59 kN	24.42 kN	68.46 kN	88.84 kN	1.26 kN	0.00 kNm [26.15%]
25	81.98 kN	46.20 kN	-0.15 kN	-25.08 kN	-21.56 kN	10.00 kN	56.38 kN	86.19 kN	1.26 kN	0.00 kNm [25.37%]
26	87.18 kN	59.58 kN	13.54 kN	-20.04 kN	-25.90 kN	-2.83 kN	42.67 kN	80.17 kN	1.26 kN	0.00 kNm [25.66%]

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

BASE M*: 691.07 kNm
BASE T*: 0.00 kNm
BASE Vx*: 0.00 kN
BASE Vy*: -31.40 kN
BASE N*: 40.13 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	84.74 kN	67.79 kN	26.87 kN	-11.76 kN	-25.93 kN	-11.76 kN	26.87 kN	67.79 kN	1.21 kN	0.00 kNm	[24.94%]
02	83.06 kN	76.40 kN	40.72 kN	-2.57 kN	-24.52 kN	-18.95 kN	13.02 kN	56.81 kN	1.21 kN	0.00 kNm	[24.45%]
03	78.11 kN	82.13 kN	53.77 kN	9.65 kN	-20.39 kN	-23.74 kN	-0.02 kN	44.09 kN	1.21 kN	0.00 kNm	[24.17%]
04	70.19 kN	84.64 kN	65.25 kN	23.37 kN	-13.76 kN	-25.84 kN	-9.62 kN	30.36 kN	1.21 kN	0.00 kNm	[24.91%]
05	59.74 kN	83.80 kN	74.51 kN	37.30 kN	-5.03 kN	-25.14 kN	-17.36 kN	16.43 kN	1.21 kN	0.00 kNm	[24.66%]
06	47.39 kN	79.65 kN	80.99 kN	50.62 kN	6.34 kN	-21.67 kN	-22.78 kN	3.11 kN	1.21 kN	0.00 kNm	[23.84%]
07	33.84 kN	72.43 kN	84.33 kN	62.56 kN	19.89 kN	-15.63 kN	-25.57 kN	-7.38 kN	1.21 kN	0.00 kNm	[24.82%]
08	19.89 kN	62.56 kN	84.33 kN	72.43 kN	33.84 kN	-7.38 kN	-25.57 kN	-15.63 kN	1.21 kN	0.00 kNm	[24.82%]
09	6.34 kN	50.62 kN	80.99 kN	79.65 kN	47.39 kN	3.11 kN	-22.78 kN	-21.67 kN	1.21 kN	0.00 kNm	[23.84%]
10	-5.03 kN	37.30 kN	74.51 kN	83.80 kN	59.74 kN	16.43 kN	-17.36 kN	-25.14 kN	1.21 kN	0.00 kNm	[24.66%]
11	-13.76 kN	23.37 kN	65.25 kN	84.64 kN	70.19 kN	30.36 kN	-9.62 kN	-25.84 kN	1.21 kN	0.00 kNm	[24.91%]
12	-20.39 kN	9.65 kN	53.77 kN	82.13 kN	78.11 kN	44.09 kN	-0.02 kN	-23.74 kN	1.21 kN	0.00 kNm	[24.17%]
13	-24.52 kN	-2.57 kN	40.72 kN	76.40 kN	83.06 kN	56.81 kN	13.02 kN	-18.95 kN	1.21 kN	0.00 kNm	[24.45%]
14	-25.93 kN	-11.76 kN	26.87 kN	67.79 kN	84.74 kN	67.79 kN	26.87 kN	-11.76 kN	1.21 kN	0.00 kNm	[24.94%]
15	-24.52 kN	-18.95 kN	13.02 kN	56.81 kN	83.06 kN	76.40 kN	40.72 kN	-2.57 kN	1.21 kN	0.00 kNm	[24.45%]
16	-20.39 kN	-23.74 kN	-0.02 kN	44.09 kN	78.11 kN	82.13 kN	53.77 kN	9.65 kN	1.21 kN	0.00 kNm	[24.17%]
17	-13.76 kN	-25.84 kN	-9.62 kN	30.36 kN	70.19 kN	84.64 kN	65.25 kN	23.37 kN	1.21 kN	0.00 kNm	[24.91%]
18	-5.03 kN	-25.14 kN	-17.36 kN	16.43 kN	59.74 kN	83.80 kN	74.51 kN	37.30 kN	1.21 kN	0.00 kNm	[24.66%]
19	6.34 kN	-21.67 kN	-22.78 kN	3.11 kN	47.39 kN	79.65 kN	80.99 kN	50.62 kN	1.21 kN	0.00 kNm	[23.84%]
20	19.89 kN	-15.63 kN	-25.57 kN	-7.38 kN	33.84 kN	72.43 kN	84.33 kN	62.56 kN	1.21 kN	0.00 kNm	[24.82%]
21	33.84 kN	-7.38 kN	-25.57 kN	-15.63 kN	19.89 kN	62.56 kN	84.33 kN	72.43 kN	1.21 kN	0.00 kNm	[24.82%]
22	47.39 kN	3.11 kN	-22.78 kN	-21.67 kN	6.34 kN	50.62 kN	80.99 kN	79.65 kN	1.21 kN	0.00 kNm	[23.84%]
23	59.74 kN	16.43 kN	-17.36 kN	-25.14 kN	-5.03 kN	37.30 kN	74.51 kN	83.80 kN	1.21 kN	0.00 kNm	[24.66%]
24	70.19 kN	30.36 kN	-9.62 kN	-25.84 kN	-13.76 kN	23.37 kN	65.25 kN	84.64 kN	1.21 kN	0.00 kNm	[24.91%]
25	78.11 kN	44.09 kN	-0.02 kN	-23.74 kN	-20.39 kN	9.65 kN	53.77 kN	82.13 kN	1.21 kN	0.00 kNm	[24.17%]
26	83.06 kN	56.81 kN	13.02 kN	-18.95 kN	-24.52 kN	-2.57 kN	40.72 kN	76.40 kN	1.21 kN	0.00 kNm	[24.45%]

NORTH EAST WIND

BASE M*: 656.28 kNm
BASE T*: 0.00 kNm
BASE Vx*: -21.35 kN
BASE Vy*: -21.35 kN
BASE N*: 40.13 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	80.40 kN	64.31 kN	25.47 kN	-11.18 kN	-24.63 kN	-11.18 kN	25.47 kN	64.31 kN	1.16 kN	0.00 kNm	[23.66%]
02	78.80 kN	72.48 kN	38.62 kN	-2.47 kN	-23.30 kN	-18.01 kN	12.33 kN	53.89 kN	1.16 kN	0.00 kNm	[23.19%]
03	74.10 kN	77.91 kN	51.00 kN	9.13 kN	-19.37 kN	-22.55 kN	-0.04 kN	41.81 kN	1.16 kN	0.00 kNm	[22.93%]
04	66.58 kN	80.30 kN	61.90 kN	22.15 kN	-13.08 kN	-24.55 kN	-9.16 kN	28.78 kN	1.16 kN	0.00 kNm	[23.63%]
05	56.67 kN	79.50 kN	70.68 kN	35.37 kN	-4.80 kN	-23.88 kN	-16.50 kN	15.57 kN	1.16 kN	0.00 kNm	[23.40%]
06	44.94 kN	75.56 kN	76.83 kN	48.01 kN	5.99 kN	-20.58 kN	-21.64 kN	2.92 kN	1.16 kN	0.00 kNm	[22.61%]
07	32.09 kN	68.71 kN	80.00 kN	59.34 kN	18.85 kN	-14.86 kN	-24.29 kN	-7.03 kN	1.16 kN	0.00 kNm	[23.55%]
08	18.85 kN	59.34 kN	80.00 kN	68.71 kN	32.09 kN	-7.03 kN	-24.29 kN	-14.86 kN	1.16 kN	0.00 kNm	[23.55%]
09	5.99 kN	48.01 kN	76.83 kN	75.56 kN	44.94 kN	2.92 kN	-21.64 kN	-20.58 kN	1.16 kN	0.00 kNm	[22.61%]
10	-4.80 kN	35.37 kN	70.68 kN	79.50 kN	56.67 kN	15.57 kN	-16.50 kN	-23.88 kN	1.16 kN	0.00 kNm	[23.40%]
11	-13.08 kN	22.15 kN	61.90 kN	80.30 kN	66.58 kN	28.78 kN	-9.16 kN	-24.55 kN	1.16 kN	0.00 kNm	[23.63%]
12	-19.37 kN	9.13 kN	51.00 kN	77.91 kN	74.10 kN	41.81 kN	-0.04 kN	-22.55 kN	1.16 kN	0.00 kNm	[22.93%]
13	-23.30 kN	-2.47 kN	38.62 kN	72.48 kN	78.80 kN	53.89 kN	12.33 kN	-18.01 kN	1.16 kN	0.00 kNm	[23.19%]
14	-24.63 kN	-11.18 kN	25.47 kN	64.31 kN	80.40 kN	64.31 kN	25.47 kN	-11.18 kN	1.16 kN	0.00 kNm	[23.66%]
15	-23.30 kN	-18.01 kN	12.33 kN	53.89 kN	78.80 kN	72.48 kN	38.62 kN	-2.47 kN	1.16 kN	0.00 kNm	[23.19%]
16	-19.37 kN	-22.55 kN	-0.04 kN	41.81 kN	74.10 kN	77.91 kN	51.00 kN	9.13 kN	1.16 kN	0.00 kNm	[22.93%]
17	-13.08 kN	-24.55 kN	-9.16 kN	28.78 kN	66.58 kN	80.30 kN	61.90 kN	22.15 kN	1.16 kN	0.00 kNm	[23.63%]
18	-4.80 kN	-23.88 kN	-16.50 kN	15.57 kN	56.67 kN	79.50 kN	70.68 kN	35.37 kN	1.16 kN	0.00 kNm	[23.40%]
19	5.99 kN	-20.58 kN	-21.64 kN	2.92 kN	44.94 kN	75.56 kN	76.83 kN	48.01 kN	1.16 kN	0.00 kNm	[22.61%]
20	18.85 kN	-14.86 kN	-24.29 kN	-7.03 kN	32.09 kN	68.71 kN	80.00 kN	59.34 kN	1.16 kN	0.00 kNm	[23.55%]
21	32.09 kN	-7.03 kN	-24.29 kN	-14.86 kN	18.85 kN	59.34 kN	80.00 kN	68.71 kN	1.16 kN	0.00 kNm	[23.55%]
22	44.94 kN	2.92 kN	-21.64 kN	-20.58 kN	5.99 kN	48.01 kN	76.83 kN	75.56 kN	1.16 kN	0.00 kNm	[22.61%]
23	56.67 kN	15.57 kN	-16.50 kN	-23.88 kN	-4.80 kN	35.37 kN	70.68 kN	79.50 kN	1.16 kN	0.00 kNm	[23.40%]
24	66.58 kN	28.78 kN	-9.16 kN	-24.55 kN	-13.08 kN	22.15 kN	61.90 kN	80.30 kN	1.16 kN	0.00 kNm	[23.63%]
25	74.10 kN	41.81 kN	-0.04 kN	-22.55 kN	-19.37 kN	9.13 kN	51.00 kN	77.91 kN	1.16 kN	0.00 kNm	[22.93%]
26	78.80 kN	53.89 kN	12.33 kN	-18.01 kN	-23.30 kN	-2.47 kN	38.62 kN	72.48 kN	1.16 kN	0.00 kNm	[23.19%]

EAST WIND

BASE M*: 832.47 kNm
BASE T*: 0.00 kNm
BASE Vx*: -39.59 kN
BASE Vy*: 0.00 kN
BASE N*: 40.13 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	102.42 kN	81.96 kN	32.54 kN	-14.11 kN	-31.23 kN	-14.11 kN	32.54 kN	81.96 kN	1.52 kN	0.00 kNm	[30.15%]
02	100.39 kN	92.35 kN	49.27 kN	-3.03 kN	-29.53 kN	-22.80 kN	15.82 kN	68.69 kN	1.52 kN	0.00 kNm	[29.55%]
03	94.42 kN	99.26 kN	65.02 kN	11.75 kN	-24.54 kN	-28.58 kN	0.05 kN	53.33 kN	1.52 kN	0.00 kNm	[29.22%]
04	84.85 kN	102.30 kN	78.89 kN	28.32 kN	-16.53 kN	-31.12 kN	-11.54 kN	36.76 kN	1.52 kN	0.00 kNm	[30.11%]
05	72.24 kN	101.28 kN	90.06 kN	45.14 kN	-5.99 kN	-30.27 kN	-20.88 kN	19.94 kN	1.52 kN	0.00 kNm	[29.81%]
06	57.32 kN	96.27 kN	97.89 kN	61.22 kN	7.75 kN	-26.08 kN	-27.42 kN	3.85 kN	1.52 kN	0.00 kNm	[28.81%]
07	40.96 kN	87.55 kN	101.93 kN	75.64 kN	24.11 kN	-18.79 kN	-30.80 kN	-8.83 kN	1.52 kN	0.00 kNm	[30.00%]
08	24.11 kN	75.64 kN	101.93 kN	87.55 kN	40.96 kN	-8.83 kN	-30.80 kN	-18.79 kN	1.52 kN	0.00 kNm	[30.00%]
09	7.75 kN	61.22 kN	97.89 kN	96.27 kN	57.32 kN	3.85 kN	-27.42 kN	-26.08 kN	1.52 kN	0.00 kNm	[28.81%]
10	-5.99 kN	45.14 kN	90.06 kN	101.28 kN	72.24 kN	19.94 kN	-20.88 kN	-30.27 kN	1.52 kN	0.00 kNm	[29.81%]
11	-16.53 kN	28.32 kN	78.89 kN	102.30 kN	84.85 kN	36.76 kN	-11.54 kN	-31.12 kN	1.52 kN	0.00 kNm	[30.11%]
12	-24.54 kN	11.75 kN	65.02 kN	99.26 kN	94.42 kN	53.33 kN	0.05 kN	-28.58 kN	1.52 kN	0.00 kNm	[29.22%]
13	-29.53 kN	-3.03 kN	49.27 kN	92.35 kN	100.39 kN	68.69 kN	15.82 kN	-22.80 kN	1.52 kN	0.00 kNm	[29.55%]
14	-31.23 kN	-14.11 kN	32.54 kN	81.96 kN	102.42 kN	81.96 kN	32.54 kN	-14.11 kN	1.52 kN	0.00 kNm	[30.15%]
15	-29.53 kN	-22.80 kN	15.82 kN	68.69 kN	100.39 kN	92.35 kN	49.27 kN	-3.03 kN	1.52 kN	0.00 kNm	[29.55%]
16	-24.54 kN	-28.58 kN	0.05 kN	53.33 kN	94.42 kN	99.26 kN	65.02 kN	11.75 kN	1.52 kN	0.00 kNm	[29.22%]
17	-16.53 kN	-31.12 kN	-11.54 kN	36.76 kN	84.85 kN	102.30 kN	78.89 kN	28.32 kN	1.52 kN	0.00 kNm	[30.11%]

18	-5.99 kN	-30.27 kN	-20.88 kN	19.94 kN	72.24 kN	101.28 kN	90.06 kN	45.14 kN	1.52 kN	0.00 kNm	[29.81%]
19	7.75 kN	-26.08 kN	-27.42 kN	3.85 kN	57.32 kN	96.27 kN	97.89 kN	61.22 kN	1.52 kN	0.00 kNm	[28.81%]
20	24.11 kN	-18.79 kN	-30.80 kN	-8.83 kN	40.96 kN	87.55 kN	101.93 kN	75.64 kN	1.52 kN	0.00 kNm	[30.00%]
21	40.96 kN	-8.83 kN	-30.80 kN	-18.79 kN	24.11 kN	75.64 kN	101.93 kN	87.55 kN	1.52 kN	0.00 kNm	[30.00%]
22	57.32 kN	3.85 kN	-27.42 kN	-26.08 kN	7.75 kN	61.22 kN	97.89 kN	96.27 kN	1.52 kN	0.00 kNm	[28.81%]
23	72.24 kN	19.94 kN	-20.88 kN	-30.27 kN	-5.99 kN	45.14 kN	90.06 kN	101.28 kN	1.52 kN	0.00 kNm	[29.81%]
24	84.85 kN	36.76 kN	-11.54 kN	-31.12 kN	-16.53 kN	28.32 kN	78.89 kN	102.30 kN	1.52 kN	0.00 kNm	[30.11%]
25	94.42 kN	53.33 kN	0.05 kN	-28.58 kN	-24.54 kN	11.75 kN	65.02 kN	99.26 kN	1.52 kN	0.00 kNm	[29.22%]
26	100.39 kN	68.69 kN	15.82 kN	-22.80 kN	-29.53 kN	-3.03 kN	49.27 kN	92.35 kN	1.52 kN	0.00 kNm	[29.55%]

SOUTH EAST WIND

BASE M*: 1133.82 kNm
BASE T*: 0.00 kNm
BASE Vx*: -36.79 kN
BASE Vy*: 36.79 kN
BASE N*: 40.13 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	140.05 kN	112.09 kN	44.59 kN	-19.16 kN	-42.54 kN	-19.16 kN	44.59 kN	112.09 kN	2.00 kN	0.00 kNm	[41.22%]
02	137.27 kN	126.28 kN	67.44 kN	-4.02 kN	-40.22 kN	-31.03 kN	21.75 kN	93.97 kN	2.00 kN	0.00 kNm	[40.40%]
03	129.11 kN	135.73 kN	88.96 kN	16.18 kN	-33.40 kN	-38.93 kN	0.19 kN	72.99 kN	2.00 kN	0.00 kNm	[39.95%]
04	116.04 kN	139.88 kN	107.90 kN	38.82 kN	-22.47 kN	-42.39 kN	-15.65 kN	50.35 kN	2.00 kN	0.00 kNm	[41.17%]
05	98.81 kN	138.49 kN	123.16 kN	61.79 kN	-8.07 kN	-41.23 kN	-28.40 kN	27.37 kN	2.00 kN	0.00 kNm	[40.76%]
06	78.43 kN	131.64 kN	133.86 kN	83.76 kN	10.73 kN	-35.51 kN	-37.35 kN	5.40 kN	2.00 kN	0.00 kNm	[39.40%]
07	56.09 kN	119.73 kN	139.37 kN	103.46 kN	33.07 kN	-25.55 kN	-41.95 kN	-11.95 kN	2.00 kN	0.00 kNm	[41.02%]
08	33.07 kN	103.46 kN	139.37 kN	119.73 kN	56.09 kN	-11.95 kN	-41.95 kN	-25.55 kN	2.00 kN	0.00 kNm	[41.02%]
09	10.73 kN	83.76 kN	133.86 kN	131.64 kN	78.43 kN	5.40 kN	-37.35 kN	-35.51 kN	2.00 kN	0.00 kNm	[39.40%]
10	-8.07 kN	61.79 kN	123.16 kN	138.49 kN	98.81 kN	27.37 kN	-28.40 kN	-41.23 kN	2.00 kN	0.00 kNm	[40.76%]
11	-22.47 kN	38.82 kN	107.90 kN	139.88 kN	116.04 kN	50.35 kN	-15.65 kN	-42.39 kN	2.00 kN	0.00 kNm	[41.17%]
12	-33.40 kN	16.18 kN	88.96 kN	135.73 kN	129.11 kN	72.99 kN	0.19 kN	-38.93 kN	2.00 kN	0.00 kNm	[39.95%]
13	-40.22 kN	-4.02 kN	67.44 kN	126.28 kN	137.27 kN	93.97 kN	21.75 kN	-31.03 kN	2.00 kN	0.00 kNm	[40.40%]
14	-42.54 kN	-19.16 kN	44.59 kN	112.09 kN	140.05 kN	112.09 kN	44.59 kN	-19.16 kN	2.00 kN	0.00 kNm	[41.22%]
15	-40.22 kN	-31.03 kN	21.75 kN	93.97 kN	137.27 kN	126.28 kN	67.44 kN	-4.02 kN	2.00 kN	0.00 kNm	[40.40%]
16	-33.40 kN	-38.93 kN	0.19 kN	72.99 kN	129.11 kN	135.73 kN	88.96 kN	16.18 kN	2.00 kN	0.00 kNm	[39.95%]
17	-22.47 kN	-42.39 kN	-15.65 kN	50.35 kN	116.04 kN	139.88 kN	107.90 kN	38.82 kN	2.00 kN	0.00 kNm	[41.17%]
18	-8.07 kN	-41.23 kN	-28.40 kN	27.37 kN	98.81 kN	138.49 kN	123.16 kN	61.79 kN	2.00 kN	0.00 kNm	[40.76%]
19	10.73 kN	-35.51 kN	-37.35 kN	5.40 kN	78.43 kN	131.64 kN	133.86 kN	83.76 kN	2.00 kN	0.00 kNm	[39.40%]
20	33.07 kN	-25.55 kN	-41.95 kN	-11.95 kN	56.09 kN	119.73 kN	139.37 kN	103.46 kN	2.00 kN	0.00 kNm	[41.02%]
21	56.09 kN	-11.95 kN	-41.95 kN	-25.55 kN	33.07 kN	103.46 kN	139.37 kN	119.73 kN	2.00 kN	0.00 kNm	[41.02%]
22	78.43 kN	5.40 kN	-37.35 kN	-35.51 kN	10.73 kN	83.76 kN	133.86 kN	131.64 kN	2.00 kN	0.00 kNm	[39.40%]
23	98.81 kN	27.37 kN	-28.40 kN	-41.23 kN	-8.07 kN	61.79 kN	123.16 kN	138.49 kN	2.00 kN	0.00 kNm	[40.76%]
24	116.04 kN	50.35 kN	-15.65 kN	-42.39 kN	-22.47 kN	38.82 kN	107.90 kN	139.88 kN	2.00 kN	0.00 kNm	[41.17%]
25	129.11 kN	72.99 kN	0.19 kN	-38.93 kN	-33.40 kN	16.18 kN	88.96 kN	135.73 kN	2.00 kN	0.00 kNm	[39.95%]
26	137.27 kN	93.97 kN	21.75 kN	-31.03 kN	-40.22 kN	-4.02 kN	67.44 kN	126.28 kN	2.00 kN	0.00 kNm	[40.40%]

SOUTH WIND

BASE M*: 922.87 kNm
BASE T*: 0.00 kNm
BASE Vx*: 0.00 kN
BASE Vy*: 41.81 kN
BASE N*: 40.13 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	113.72 kN	91.00 kN	36.16 kN	-15.62 kN	-34.62 kN	-15.62 kN	36.16 kN	91.00 kN	1.61 kN	0.00 kNm	[33.47%]
02	111.46 kN	102.53 kN	54.73 kN	-3.32 kN	-32.73 kN	-25.26 kN	17.60 kN	76.28 kN	1.61 kN	0.00 kNm	[32.81%]
03	104.83 kN	110.21 kN	72.21 kN	13.08 kN	-27.19 kN	-31.68 kN	0.10 kN	59.23 kN	1.61 kN	0.00 kNm	[32.44%]
04	94.21 kN	113.58 kN	87.60 kN	31.47 kN	-18.31 kN	-34.50 kN	-12.77 kN	40.84 kN	1.61 kN	0.00 kNm	[33.43%]
05	80.22 kN	112.45 kN	100.00 kN	50.14 kN	-6.61 kN	-33.55 kN	-23.13 kN	22.18 kN	1.61 kN	0.00 kNm	[33.10%]
06	63.66 kN	106.89 kN	108.69 kN	67.99 kN	8.65 kN	-28.90 kN	-30.40 kN	4.32 kN	1.61 kN	0.00 kNm	[31.99%]
07	45.50 kN	97.21 kN	113.16 kN	83.99 kN	26.81 kN	-20.82 kN	-34.14 kN	-9.76 kN	1.61 kN	0.00 kNm	[33.31%]
08	26.81 kN	83.99 kN	113.16 kN	97.21 kN	45.50 kN	-9.76 kN	-34.14 kN	-20.82 kN	1.61 kN	0.00 kNm	[33.31%]
09	8.65 kN	67.99 kN	108.69 kN	106.89 kN	63.66 kN	4.32 kN	-30.40 kN	-28.90 kN	1.61 kN	0.00 kNm	[31.99%]
10	-6.61 kN	50.14 kN	100.00 kN	112.45 kN	80.22 kN	22.18 kN	-23.13 kN	-33.55 kN	1.61 kN	0.00 kNm	[33.10%]
11	-18.31 kN	31.47 kN	87.60 kN	113.58 kN	94.21 kN	40.84 kN	-12.77 kN	-34.50 kN	1.61 kN	0.00 kNm	[33.43%]
12	-27.19 kN	13.08 kN	72.21 kN	110.21 kN	104.83 kN	59.23 kN	0.10 kN	-31.68 kN	1.61 kN	0.00 kNm	[32.44%]
13	-32.73 kN	-3.32 kN	54.73 kN	102.53 kN	111.46 kN	76.28 kN	17.60 kN	-25.26 kN	1.61 kN	0.00 kNm	[32.81%]
14	-34.62 kN	-15.62 kN	36.16 kN	91.00 kN	113.72 kN	91.00 kN	36.16 kN	-15.62 kN	1.61 kN	0.00 kNm	[33.47%]
15	-32.73 kN	-25.26 kN	17.60 kN	76.28 kN	111.46 kN	102.53 kN	54.73 kN	-3.32 kN	1.61 kN	0.00 kNm	[32.81%]
16	-27.19 kN	-31.68 kN	0.10 kN	59.23 kN	104.83 kN	110.21 kN	72.21 kN	13.08 kN	1.61 kN	0.00 kNm	[32.44%]
17	-18.31 kN	-34.50 kN	-12.77 kN	40.84 kN	94.21 kN	113.58 kN	87.60 kN	31.47 kN	1.61 kN	0.00 kNm	[33.43%]
18	-6.61 kN	-33.55 kN	-23.13 kN	22.18 kN	80.22 kN	112.45 kN	100.00 kN	50.14 kN	1.61 kN	0.00 kNm	[33.10%]
19	8.65 kN	-28.90 kN	-30.40 kN	4.32 kN	63.66 kN	106.89 kN	108.69 kN	67.99 kN	1.61 kN	0.00 kNm	[31.99%]
20	26.81 kN	-20.82 kN	-34.14 kN	-9.76 kN	45.50 kN	97.21 kN	113.16 kN	83.99 kN	1.61 kN	0.00 kNm	[33.31%]
21	45.50 kN	-9.76 kN	-34.14 kN	-20.82 kN	26.81 kN	83.99 kN	113.16 kN	97.21 kN	1.61 kN	0.00 kNm	[33.31%]
22	63.66 kN	4.32 kN	-30.40 kN	-28.90 kN	8.65 kN	67.99 kN	108.69 kN	106.89 kN	1.61 kN	0.00 kNm	[31.99%]
23	80.22 kN	22.18 kN	-23.13 kN	-33.55 kN	-6.61 kN	50.14 kN	100.00 kN	112.45 kN	1.61 kN	0.00 kNm	[33.10%]
24	94.21 kN	40.84 kN	-12.77 kN	-34.50 kN	-18.31 kN	31.47 kN	87.60 kN	113.58 kN	1.61 kN	0.00 kNm	[33.43%]
25	104.83 kN	59.23 kN	0.10 kN	-31.68 kN	-27.19 kN	13.08 kN	72.21 kN	110.21 kN	1.61 kN	0.00 kNm	[32.44%]
26	111.46 kN	76.28 kN	17.60 kN	-25.26 kN	-32.73 kN	-3.32 kN	54.73 kN	102.53 kN	1.61 kN	0.00 kNm	[32.81%]

SOUTH WEST WIND

BASE M*: 729.50 kNm
BASE T*: 0.00 kNm
BASE Vx*: 23.51 kN
BASE Vy*: 23.51 kN
BASE N*: 40.13 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	89.55 kN	71.64 kN	28.41 kN	-12.40 kN	-27.37 kN	-12.40 kN	28.41 kN	71.64 kN	1.28 kN	0.00 kNm	[26.36%]
02	87.77 kN	80.73 kN	43.05 kN	-2.70 kN	-25.88 kN	-20.00 kN	13.78 kN	60.04 kN	1.28 kN	0.00 kNm	[25.83%]
03	82.55 kN	86.78 kN	56.83 kN	10.22 kN	-21.51 kN	-25.05 kN	0.00 kN	46.60 kN	1.28 kN	0.00 kNm	[25.54%]
04	74.17 kN	89.44 kN	68.96 kN	24.72 kN	-14.51 kN	-27.28 kN	-10.14 kN	32.10 kN	1.28 kN	0.00 kNm	[26.33%]
05	63.14 kN	88.55 kN	78.74 kN	39.43 kN	-5.29 kN	-26.53 kN	-18.32 kN	17.39 kN	1.28 kN	0.00 kNm	[26.06%]
06	50.09 kN	84.17 kN	85.59 kN	53.50 kN	6.72 kN	-22.87 kN	-24.04 kN	3.31 kN	1.28 kN	0.00 kNm	[25.19%]
07	35.78 kN	76.54 kN	89.11 kN	66.12 kN	21.04 kN	-16.49 kN	-26.99 kN	-7.78 kN	1.28 kN	0.00 kNm	[26.23%]
08	21.04 kN	66.12 kN	89.11 kN	76.54 kN	35.78 kN	-7.78 kN	-26.99 kN	-16.49 kN	1.28 kN	0.00 kNm	[26.23%]
09	6.72 kN	53.50 kN	85.59 kN	84.17 kN	50.09 kN	3.31 kN	-24.04 kN	-22.87 kN	1.28 kN	0.00 kNm	[25.19%]
10	-5.29 kN	39.43 kN	78.74 kN	88.55 kN	63.14 kN	17.39 kN	-18.32 kN	-26.53 kN	1.28 kN	0.00 kNm	[26.06%]
11	-14.51 kN	24.72 kN	68.96 kN	89.44 kN	74.17 kN	32.10 kN	-10.14 kN	-27.28 kN	1.28 kN	0.00 kNm	[26.33%]
12	-21.51 kN	10.22 kN	56.83 kN	86.78 kN	82.55 kN	46.60 kN	0.00 kN	-25.05 kN	1.28 kN	0.00 kNm	[25.54%]
13	-25.88 kN	-2.70 kN	43.05 kN	80.73 kN	87.77 kN	60.04 kN	13.78 kN	-20.00 kN	1.28 kN	0.00 kNm	[25.83%]
14	-27.37 kN	-12.40 kN	28.41 kN	71.64 kN	89.55 kN	71.64 kN	28.41 kN	-12.40 kN	1.28 kN	0.00 kNm	[26.36%]
15	-25.88 kN	-20.00 kN	13.78 kN	60.04 kN	87.77 kN	80.73 kN	43.05 kN	-2.70 kN	1.28 kN	0.00 kNm	[25.83%]
16	-21.51 kN	-25.05 kN	0.00 kN	46.60 kN	82.55 kN	86.78 kN	56.83 kN	10.22 kN	1.28 kN	0.00 kNm	[25.54%]

17	-14.51 kN	-27.28 kN	-10.14 kN	32.10 kN	74.17 kN	89.44 kN	68.96 kN	24.72 kN	1.28 kN	0.00 kNm	[26.33%]
18	-5.29 kN	-26.53 kN	-18.32 kN	17.39 kN	63.14 kN	88.55 kN	78.74 kN	39.43 kN	1.28 kN	0.00 kNm	[26.06%]
19	6.72 kN	-22.87 kN	-24.04 kN	3.31 kN	50.09 kN	84.17 kN	85.59 kN	53.50 kN	1.28 kN	0.00 kNm	[25.19%]
20	21.04 kN	-16.49 kN	-26.99 kN	-7.78 kN	35.78 kN	76.54 kN	89.11 kN	66.12 kN	1.28 kN	0.00 kNm	[26.23%]
21	35.78 kN	-7.78 kN	-26.99 kN	-16.49 kN	21.04 kN	66.12 kN	89.11 kN	76.54 kN	1.28 kN	0.00 kNm	[26.23%]
22	50.09 kN	3.31 kN	-24.04 kN	-22.87 kN	6.72 kN	53.50 kN	85.59 kN	84.17 kN	1.28 kN	0.00 kNm	[25.19%]
23	63.14 kN	17.39 kN	-18.32 kN	-26.53 kN	-5.29 kN	39.43 kN	78.74 kN	88.55 kN	1.28 kN	0.00 kNm	[26.06%]
24	74.17 kN	32.10 kN	-10.14 kN	-27.28 kN	-14.51 kN	24.72 kN	68.96 kN	89.44 kN	1.28 kN	0.00 kNm	[26.33%]
25	82.55 kN	46.60 kN	0.00 kN	-25.05 kN	-21.51 kN	10.22 kN	56.83 kN	86.78 kN	1.28 kN	0.00 kNm	[25.54%]
26	87.77 kN	60.04 kN	13.78 kN	-20.00 kN	-25.88 kN	-2.70 kN	43.05 kN	80.73 kN	1.28 kN	0.00 kNm	[25.83%]

WEST WIND

BASE M*: 662.48 kNm
BASE T*: 0.00 kNm
BASE Vx*: 30.05 kN
BASE Vy*: 0.00 kN
BASE N*: 40.13 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	81.17 kN	64.93 kN	25.72 kN	-11.28 kN	-24.86 kN	-11.28 kN	25.72 kN	64.93 kN	1.16 kN	0.00 kNm	[23.89%]
02	79.56 kN	73.17 kN	38.99 kN	-2.48 kN	-23.51 kN	-18.17 kN	12.45 kN	54.41 kN	1.16 kN	0.00 kNm	[23.42%]
03	74.82 kN	78.66 kN	51.49 kN	9.22 kN	-19.55 kN	-22.76 kN	-0.04 kN	42.21 kN	1.16 kN	0.00 kNm	[23.15%]
04	67.22 kN	81.07 kN	62.50 kN	22.37 kN	-13.20 kN	-24.78 kN	-9.24 kN	29.06 kN	1.16 kN	0.00 kNm	[23.86%]
05	57.22 kN	80.26 kN	71.36 kN	35.71 kN	-4.84 kN	-24.10 kN	-16.65 kN	15.72 kN	1.16 kN	0.00 kNm	[23.62%]
06	45.38 kN	76.29 kN	77.57 kN	48.48 kN	6.05 kN	-20.78 kN	-21.84 kN	2.96 kN	1.16 kN	0.00 kNm	[22.83%]
07	32.40 kN	69.37 kN	80.77 kN	59.92 kN	19.03 kN	-14.99 kN	-24.52 kN	-7.09 kN	1.16 kN	0.00 kNm	[23.77%]
08	19.03 kN	59.92 kN	80.77 kN	69.37 kN	32.40 kN	-7.09 kN	-24.52 kN	-14.99 kN	1.16 kN	0.00 kNm	[23.77%]
09	6.05 kN	48.48 kN	77.57 kN	76.29 kN	45.38 kN	2.96 kN	-21.84 kN	-20.78 kN	1.16 kN	0.00 kNm	[22.83%]
10	-4.84 kN	35.71 kN	71.36 kN	80.26 kN	57.22 kN	15.72 kN	-16.65 kN	-24.10 kN	1.16 kN	0.00 kNm	[23.62%]
11	-13.20 kN	22.37 kN	62.50 kN	81.07 kN	67.22 kN	29.06 kN	-9.24 kN	-24.78 kN	1.16 kN	0.00 kNm	[23.86%]
12	-19.55 kN	9.22 kN	51.49 kN	78.66 kN	74.82 kN	42.21 kN	-0.04 kN	-22.76 kN	1.16 kN	0.00 kNm	[23.15%]
13	-23.51 kN	-2.48 kN	38.99 kN	73.17 kN	79.56 kN	54.41 kN	12.45 kN	-18.17 kN	1.16 kN	0.00 kNm	[23.42%]
14	-24.86 kN	-11.28 kN	25.72 kN	64.93 kN	81.17 kN	64.93 kN	25.72 kN	-11.28 kN	1.16 kN	0.00 kNm	[23.89%]
15	-23.51 kN	-18.17 kN	12.45 kN	54.41 kN	79.56 kN	73.17 kN	38.99 kN	-2.48 kN	1.16 kN	0.00 kNm	[23.42%]
16	-19.55 kN	-22.76 kN	-0.04 kN	42.21 kN	74.82 kN	78.66 kN	51.49 kN	9.22 kN	1.16 kN	0.00 kNm	[23.15%]
17	-13.20 kN	-24.78 kN	-9.24 kN	29.06 kN	67.22 kN	81.07 kN	62.50 kN	22.37 kN	1.16 kN	0.00 kNm	[23.86%]
18	-4.84 kN	-24.10 kN	-16.65 kN	15.72 kN	57.22 kN	80.26 kN	71.36 kN	35.71 kN	1.16 kN	0.00 kNm	[23.62%]
19	6.05 kN	-20.78 kN	-21.84 kN	2.96 kN	45.38 kN	76.29 kN	77.57 kN	48.48 kN	1.16 kN	0.00 kNm	[22.83%]
20	19.03 kN	-14.99 kN	-24.52 kN	-7.09 kN	32.40 kN	69.37 kN	80.77 kN	59.92 kN	1.16 kN	0.00 kNm	[23.77%]
21	32.40 kN	-7.09 kN	-24.52 kN	-14.99 kN	19.03 kN	59.92 kN	80.77 kN	69.37 kN	1.16 kN	0.00 kNm	[23.77%]
22	45.38 kN	2.96 kN	-21.84 kN	-20.78 kN	6.05 kN	48.48 kN	77.57 kN	76.29 kN	1.16 kN	0.00 kNm	[22.83%]
23	57.22 kN	15.72 kN	-16.65 kN	-24.10 kN	-4.84 kN	35.71 kN	71.36 kN	80.26 kN	1.16 kN	0.00 kNm	[23.62%]
24	67.22 kN	29.06 kN	-9.24 kN	-24.78 kN	-13.20 kN	22.37 kN	62.50 kN	81.07 kN	1.16 kN	0.00 kNm	[23.86%]
25	74.82 kN	42.21 kN	-0.04 kN	-22.76 kN	-19.55 kN	9.22 kN	51.49 kN	78.66 kN	1.16 kN	0.00 kNm	[23.15%]
26	79.56 kN	54.41 kN	12.45 kN	-18.17 kN	-23.51 kN	-2.48 kN	38.99 kN	73.17 kN	1.16 kN	0.00 kNm	[23.42%]

NORTH WEST WIND

BASE M*: 725.87 kNm
BASE T*: 0.00 kNm
BASE Vx*: 23.11 kN
BASE Vy*: -23.11 kN
BASE N*: 40.13 kN

BOLT	N* @ 0°	N* @ 45°	N* @ 90°	N* @ 135°	N* @ 180°	N* @ 225°	N* @ 270°	N* @ 315°	V*	M*	UTILISATION
01	89.09 kN	71.28 kN	28.27 kN	-12.34 kN	-27.23 kN	-12.34 kN	28.27 kN	71.28 kN	1.26 kN	0.00 kNm	[26.22%]
02	87.33 kN	80.32 kN	42.83 kN	-2.68 kN	-25.76 kN	-19.90 kN	13.71 kN	59.73 kN	1.26 kN	0.00 kNm	[25.70%]
03	82.13 kN	86.34 kN	56.54 kN	10.16 kN	-21.41 kN	-24.93 kN	0.00 kN	46.36 kN	1.26 kN	0.00 kNm	[25.41%]
04	73.79 kN	88.98 kN	68.61 kN	24.59 kN	-14.44 kN	-27.14 kN	-10.09 kN	31.93 kN	1.26 kN	0.00 kNm	[26.19%]
05	62.82 kN	88.10 kN	78.33 kN	39.23 kN	-5.27 kN	-26.40 kN	-18.23 kN	17.30 kN	1.26 kN	0.00 kNm	[25.93%]
06	49.83 kN	83.74 kN	85.15 kN	53.23 kN	6.69 kN	-22.75 kN	-23.92 kN	3.29 kN	1.26 kN	0.00 kNm	[25.06%]
07	35.59 kN	76.15 kN	88.66 kN	65.78 kN	20.93 kN	-16.41 kN	-26.86 kN	-7.74 kN	1.26 kN	0.00 kNm	[26.10%]
08	20.93 kN	65.78 kN	88.66 kN	76.15 kN	35.59 kN	-7.74 kN	-26.86 kN	-16.41 kN	1.26 kN	0.00 kNm	[26.10%]
09	6.69 kN	53.23 kN	85.15 kN	83.74 kN	49.83 kN	3.29 kN	-23.92 kN	-22.75 kN	1.26 kN	0.00 kNm	[25.06%]
10	-5.27 kN	39.23 kN	78.33 kN	88.10 kN	62.82 kN	17.30 kN	-18.23 kN	-26.40 kN	1.26 kN	0.00 kNm	[25.93%]
11	-14.44 kN	24.59 kN	68.61 kN	88.98 kN	73.79 kN	31.93 kN	-10.09 kN	-27.14 kN	1.26 kN	0.00 kNm	[26.19%]
12	-21.41 kN	10.16 kN	56.54 kN	86.34 kN	82.13 kN	46.36 kN	0.00 kN	-24.93 kN	1.26 kN	0.00 kNm	[25.41%]
13	-25.76 kN	-2.68 kN	42.83 kN	80.32 kN	87.33 kN	59.73 kN	13.71 kN	-19.90 kN	1.26 kN	0.00 kNm	[25.70%]
14	-27.23 kN	-12.34 kN	28.27 kN	71.28 kN	89.09 kN	71.28 kN	28.27 kN	-12.34 kN	1.26 kN	0.00 kNm	[26.22%]
15	-25.76 kN	-19.90 kN	13.71 kN	59.73 kN	87.33 kN	80.32 kN	42.83 kN	-2.68 kN	1.26 kN	0.00 kNm	[25.70%]
16	-21.41 kN	-24.93 kN	0.00 kN	46.36 kN	82.13 kN	86.34 kN	56.54 kN	10.16 kN	1.26 kN	0.00 kNm	[25.41%]
17	-14.44 kN	-27.14 kN	-10.09 kN	31.93 kN	73.79 kN	88.98 kN	68.61 kN	24.59 kN	1.26 kN	0.00 kNm	[26.19%]
18	-5.27 kN	-26.40 kN	-18.23 kN	17.30 kN	62.82 kN	88.10 kN	78.33 kN	39.23 kN	1.26 kN	0.00 kNm	[25.93%]
19	6.69 kN	-22.75 kN	-23.92 kN	3.29 kN	49.83 kN	83.74 kN	85.15 kN	53.23 kN	1.26 kN	0.00 kNm	[25.06%]
20	20.93 kN	-16.41 kN	-26.86 kN	-7.74 kN	35.59 kN	76.15 kN	88.66 kN	65.78 kN	1.26 kN	0.00 kNm	[26.10%]
21	35.59 kN	-7.74 kN	-26.86 kN	-16.41 kN	20.93 kN	65.78 kN	88.66 kN	76.15 kN	1.26 kN	0.00 kNm	[26.10%]
22	49.83 kN	3.29 kN	-23.92 kN	-22.75 kN	6.69 kN	53.23 kN	85.15 kN	83.74 kN	1.26 kN	0.00 kNm	[25.06%]
23	62.82 kN	17.30 kN	-18.23 kN	-26.40 kN	-5.27 kN	39.23 kN	78.33 kN	88.10 kN	1.26 kN	0.00 kNm	[25.93%]
24	73.79 kN	31.93 kN	-10.09 kN	-27.14 kN	-14.44 kN	24.59 kN	68.61 kN	88.98 kN	1.26 kN	0.00 kNm	[26.19%]
25	82.13 kN	46.36 kN	0.00 kN	-24.93 kN	-21.41 kN	10.16 kN	56.54 kN	86.34 kN	1.26 kN	0.00 kNm	[25.41%]
26	87.33 kN	59.73 kN	13.71 kN	-19.90 kN	-25.76 kN	-2.68 kN	42.83 kN	80.32 kN	1.26 kN	0.00 kNm	[25.70%]

LOAD CASE 4: G + Ps + Ws

NORTH WIND

BASE M: 277.71 kNm
BASE T: 0.00 kNm
BASE Vx: 0.00 kN
BASE Vy: -12.49 kN
BASE N: 44.59 kN

BOLT	N @ 0°	N @ 45°	N @ 90°	N @ 135°	N @ 180°	N @ 225°	N @ 270°	N @ 315°	V	M	UTILISATION
01	32.83 kN	26.19 kN	10.14 kN	-4.93 kN	-10.49 kN	-4.93 kN	10.14 kN	26.19 kN	0.48 kN	0.00 kNm	[9.66%]
02	32.17 kN	29.56 kN	15.57 kN	-1.33 kN	-9.94 kN	-7.75 kN	4.71 kN	21.88 kN	0.48 kN	0.00 kNm	[9.47%]
03	30.23 kN	31.80 kN	20.69 kN	3.39 kN	-8.32 kN	-9.63 kN	-0.33 kN	16.89 kN	0.48 kN	0.00 kNm	[9.36%]
04	27.13 kN	32.79 kN	25.19 kN	8.77 kN	-5.72 kN	-10.45 kN	-4.10 kN	11.51 kN	0.48 kN	0.00 kNm	[9.65%]
05	23.03 kN	32.46 kN	28.82 kN	14.23 kN	-2.30 kN	-10.18 kN	-7.13 kN	6.05 kN	0.48 kN	0.00 kNm	[9.55%]
06	18.19 kN	30.83 kN	31.36 kN	19.45 kN	2.10 kN	-8.82 kN	-9.25 kN	0.83 kN	0.48 kN	0.00 kNm	[9.23%]
07	12.88 kN	28.00 kN	32.67 kN	24.14 kN	7.41 kN	-6.45 kN	-10.35 kN	-3.22 kN	0.48 kN	0.00 kNm	[9.62%]
08	7.41 kN	24.14 kN	32.67 kN	28.00 kN	12.88 kN	-3.22 kN	-10.35 kN	-6.45 kN	0.48 kN	0.00 kNm	[9.62%]
09	2.10 kN	19.45 kN	31.36 kN	30.83 kN	18.19 kN	0.83 kN	-9.25 kN	-8.82 kN	0.48 kN	0.00 kNm	[9.23%]
10	-2.30 kN	14.23 kN	28.82 kN	32.46 kN	23.03 kN	6.05 kN	-7.13 kN	-10.18 kN	0.48 kN	0.00 kNm	[9.55%]
11	-5.72 kN	8.77 kN	25.19 kN	32.79 kN	27.13 kN	11.51 kN	-4.10 kN	-10.45 kN	0.48 kN	0.00 kNm	[9.65%]
12	-8.32 kN	3.39 kN	20.69 kN	31.80 kN	30.23 kN	16.89 kN	-0.33 kN	-9.63 kN	0.48 kN	0.00 kNm	[9.36%]
13	-9.94 kN	-1.33 kN	15.57 kN	29.56 kN	32.17 kN	21.88 kN	4.71 kN	-7.75 kN	0.48 kN	0.00 kNm	[9.47%]

14	-10.49 kN	-4.93 kN	10.14 kN	26.19 kN	32.83 kN	26.19 kN	10.14 kN	-4.93 kN	0.48 kN	0.00 kNm [9.66%]
15	-9.94 kN	-7.75 kN	4.71 kN	21.88 kN	32.17 kN	29.56 kN	15.57 kN	-1.33 kN	0.48 kN	0.00 kNm [9.47%]
16	-8.32 kN	-9.63 kN	-0.33 kN	16.89 kN	30.23 kN	31.80 kN	20.69 kN	3.39 kN	0.48 kN	0.00 kNm [9.36%]
17	-5.72 kN	-10.45 kN	-4.10 kN	11.51 kN	27.13 kN	32.79 kN	25.19 kN	8.77 kN	0.48 kN	0.00 kNm [9.65%]
18	-2.30 kN	-10.18 kN	-7.13 kN	6.05 kN	23.03 kN	32.46 kN	28.82 kN	14.23 kN	0.48 kN	0.00 kNm [9.55%]
19	2.10 kN	-8.82 kN	-9.25 kN	0.83 kN	18.19 kN	30.83 kN	31.36 kN	19.45 kN	0.48 kN	0.00 kNm [9.23%]
20	7.41 kN	-6.45 kN	-10.35 kN	-3.22 kN	12.88 kN	28.00 kN	32.67 kN	24.14 kN	0.48 kN	0.00 kNm [9.62%]
21	12.88 kN	-3.22 kN	-10.35 kN	-6.45 kN	7.41 kN	24.14 kN	32.67 kN	28.00 kN	0.48 kN	0.00 kNm [9.62%]
22	18.19 kN	0.83 kN	-9.25 kN	-8.82 kN	2.10 kN	19.45 kN	31.36 kN	30.83 kN	0.48 kN	0.00 kNm [9.23%]
23	23.03 kN	6.05 kN	-7.13 kN	-10.18 kN	-2.30 kN	14.23 kN	28.82 kN	32.46 kN	0.48 kN	0.00 kNm [9.55%]
24	27.13 kN	11.51 kN	-4.10 kN	-10.45 kN	-5.72 kN	8.77 kN	25.19 kN	32.79 kN	0.48 kN	0.00 kNm [9.65%]
25	30.23 kN	16.89 kN	-0.33 kN	-9.63 kN	-8.32 kN	3.39 kN	20.69 kN	31.80 kN	0.48 kN	0.00 kNm [9.36%]
26	32.17 kN	21.88 kN	4.71 kN	-7.75 kN	-9.94 kN	-1.33 kN	15.57 kN	29.56 kN	0.48 kN	0.00 kNm [9.47%]

NORTH EAST WIND

BASE M: 262.99 kNm
BASE T: 0.00 kNm
BASE Vx: -8.47 kN
BASE Vy: -8.47 kN
BASE N: 44.59 kN

BOLT	N @ 0°	N @ 45°	N @ 90°	N @ 135°	N @ 180°	N @ 225°	N @ 270°	N @ 315°	V	M	UTILISATION
01	30.99 kN	24.71 kN	9.55 kN	-4.69 kN	-9.94 kN	-4.69 kN	9.55 kN	24.71 kN	0.46 kN	0.00 kNm	[9.12%]
02	30.37 kN	27.90 kN	14.68 kN	-1.29 kN	-9.42 kN	-7.35 kN	4.42 kN	20.64 kN	0.46 kN	0.00 kNm	[8.94%]
03	28.53 kN	30.02 kN	19.52 kN	3.17 kN	-7.89 kN	-9.13 kN	-0.34 kN	15.93 kN	0.46 kN	0.00 kNm	[8.84%]
04	25.60 kN	30.95 kN	23.77 kN	8.26 kN	-5.43 kN	-9.91 kN	-3.90 kN	10.85 kN	0.46 kN	0.00 kNm	[9.11%]
05	21.73 kN	30.64 kN	27.20 kN	13.42 kN	-2.20 kN	-9.64 kN	-6.76 kN	5.69 kN	0.46 kN	0.00 kNm	[9.02%]
06	17.15 kN	29.10 kN	29.60 kN	18.35 kN	1.95 kN	-8.36 kN	-8.77 kN	0.75 kN	0.46 kN	0.00 kNm	[8.71%]
07	12.13 kN	26.43 kN	30.84 kN	22.77 kN	6.97 kN	-6.12 kN	-9.81 kN	-3.07 kN	0.46 kN	0.00 kNm	[9.08%]
08	6.97 kN	22.77 kN	30.84 kN	26.43 kN	12.13 kN	-3.07 kN	-9.81 kN	-6.12 kN	0.46 kN	0.00 kNm	[9.08%]
09	1.95 kN	18.35 kN	29.60 kN	29.10 kN	17.15 kN	0.75 kN	-8.77 kN	-8.36 kN	0.46 kN	0.00 kNm	[8.71%]
10	-2.20 kN	13.42 kN	27.20 kN	30.64 kN	21.73 kN	5.69 kN	-6.76 kN	-9.64 kN	0.46 kN	0.00 kNm	[9.02%]
11	-5.43 kN	8.26 kN	23.77 kN	30.95 kN	25.60 kN	10.85 kN	-3.90 kN	-9.91 kN	0.46 kN	0.00 kNm	[9.11%]
12	-7.89 kN	3.17 kN	19.52 kN	30.02 kN	28.53 kN	15.93 kN	-0.34 kN	-9.13 kN	0.46 kN	0.00 kNm	[8.84%]
13	-9.42 kN	-1.29 kN	14.68 kN	27.90 kN	30.37 kN	20.64 kN	4.42 kN	-7.35 kN	0.46 kN	0.00 kNm	[8.94%]
14	-9.94 kN	-4.69 kN	9.55 kN	24.71 kN	30.99 kN	24.71 kN	9.55 kN	-4.69 kN	0.46 kN	0.00 kNm	[9.12%]
15	-9.42 kN	-7.35 kN	4.42 kN	20.64 kN	30.37 kN	27.90 kN	14.68 kN	-1.29 kN	0.46 kN	0.00 kNm	[8.94%]
16	-7.89 kN	-9.13 kN	-0.34 kN	15.93 kN	28.53 kN	30.02 kN	19.52 kN	3.17 kN	0.46 kN	0.00 kNm	[8.84%]
17	-5.43 kN	-9.91 kN	-3.90 kN	10.85 kN	25.60 kN	30.95 kN	23.77 kN	8.26 kN	0.46 kN	0.00 kNm	[9.11%]
18	-2.20 kN	-9.64 kN	-6.76 kN	5.69 kN	21.73 kN	30.64 kN	27.20 kN	13.42 kN	0.46 kN	0.00 kNm	[9.02%]
19	1.95 kN	-8.36 kN	-8.77 kN	0.75 kN	17.15 kN	29.10 kN	29.60 kN	18.35 kN	0.46 kN	0.00 kNm	[8.71%]
20	6.97 kN	-6.12 kN	-9.81 kN	-3.07 kN	12.13 kN	26.43 kN	30.84 kN	22.77 kN	0.46 kN	0.00 kNm	[9.08%]
21	12.13 kN	-3.07 kN	-9.81 kN	-6.12 kN	6.97 kN	22.77 kN	30.84 kN	26.43 kN	0.46 kN	0.00 kNm	[9.08%]
22	17.15 kN	0.75 kN	-8.77 kN	-8.36 kN	1.95 kN	18.35 kN	29.60 kN	29.10 kN	0.46 kN	0.00 kNm	[8.71%]
23	21.73 kN	5.69 kN	-6.76 kN	-9.64 kN	-2.20 kN	13.42 kN	27.20 kN	30.64 kN	0.46 kN	0.00 kNm	[9.02%]
24	25.60 kN	10.85 kN	-3.90 kN	-9.91 kN	-5.43 kN	8.26 kN	23.77 kN	30.95 kN	0.46 kN	0.00 kNm	[9.11%]
25	28.53 kN	15.93 kN	-0.34 kN	-9.13 kN	-7.89 kN	3.17 kN	19.52 kN	30.02 kN	0.46 kN	0.00 kNm	[8.84%]
26	30.37 kN	20.64 kN	4.42 kN	-7.35 kN	-9.42 kN	-1.29 kN	14.68 kN	27.90 kN	0.46 kN	0.00 kNm	[8.94%]

EAST WIND

BASE M: 336.68 kNm
BASE T: 0.00 kNm
BASE Vx: -15.91 kN
BASE Vy: 0.00 kN
BASE N: 44.59 kN

BOLT	N @ 0°	N @ 45°	N @ 90°	N @ 135°	N @ 180°	N @ 225°	N @ 270°	N @ 315°	V	M	UTILISATION
01	40.21 kN	32.10 kN	12.52 kN	-5.91 kN	-12.69 kN	-5.91 kN	12.52 kN	32.10 kN	0.61 kN	0.00 kNm	[11.84%]
02	39.41 kN	36.22 kN	19.15 kN	-1.52 kN	-12.02 kN	-9.35 kN	5.89 kN	26.84 kN	0.61 kN	0.00 kNm	[11.60%]
03	37.04 kN	38.96 kN	25.39 kN	4.28 kN	-10.04 kN	-11.64 kN	-0.30 kN	20.75 kN	0.61 kN	0.00 kNm	[11.47%]
04	33.24 kN	40.16 kN	30.88 kN	10.84 kN	-6.87 kN	-12.65 kN	-4.89 kN	14.19 kN	0.61 kN	0.00 kNm	[11.82%]
05	28.25 kN	39.76 kN	35.31 kN	17.51 kN	-2.69 kN	-12.31 kN	-8.59 kN	7.52 kN	0.61 kN	0.00 kNm	[11.70%]
06	22.34 kN	37.77 kN	38.41 kN	23.88 kN	2.69 kN	-10.65 kN	-11.18 kN	1.15 kN	0.61 kN	0.00 kNm	[11.31%]
07	15.85 kN	34.32 kN	40.01 kN	29.60 kN	9.18 kN	-7.76 kN	-12.52 kN	-3.82 kN	0.61 kN	0.00 kNm	[11.78%]
08	9.18 kN	29.60 kN	40.01 kN	34.32 kN	15.85 kN	-3.82 kN	-12.52 kN	-7.76 kN	0.61 kN	0.00 kNm	[11.78%]
09	2.69 kN	23.88 kN	38.41 kN	37.77 kN	22.34 kN	1.15 kN	-11.18 kN	-10.65 kN	0.61 kN	0.00 kNm	[11.31%]
10	-2.69 kN	17.51 kN	35.31 kN	39.76 kN	28.25 kN	7.52 kN	-8.59 kN	-12.31 kN	0.61 kN	0.00 kNm	[11.70%]
11	-6.87 kN	10.84 kN	30.88 kN	40.16 kN	33.24 kN	14.19 kN	-4.89 kN	-12.65 kN	0.61 kN	0.00 kNm	[11.82%]
12	-10.04 kN	4.28 kN	25.39 kN	38.96 kN	37.04 kN	20.75 kN	-0.30 kN	-11.64 kN	0.61 kN	0.00 kNm	[11.47%]
13	-12.02 kN	-1.52 kN	19.15 kN	36.22 kN	39.41 kN	26.84 kN	5.89 kN	-9.35 kN	0.61 kN	0.00 kNm	[11.60%]
14	-12.69 kN	-5.91 kN	12.52 kN	32.10 kN	40.21 kN	32.10 kN	12.52 kN	-5.91 kN	0.61 kN	0.00 kNm	[11.84%]
15	-12.02 kN	-9.35 kN	5.89 kN	26.84 kN	39.41 kN	36.22 kN	19.15 kN	-1.52 kN	0.61 kN	0.00 kNm	[11.60%]
16	-10.04 kN	-11.64 kN	-0.30 kN	20.75 kN	37.04 kN	38.96 kN	25.39 kN	4.28 kN	0.61 kN	0.00 kNm	[11.47%]
17	-6.87 kN	-12.65 kN	-4.89 kN	14.19 kN	33.24 kN	40.16 kN	30.88 kN	10.84 kN	0.61 kN	0.00 kNm	[11.82%]
18	-2.69 kN	-12.31 kN	-8.59 kN	7.52 kN	28.25 kN	39.76 kN	35.31 kN	17.51 kN	0.61 kN	0.00 kNm	[11.70%]
19	2.69 kN	-10.65 kN	-11.18 kN	1.15 kN	22.34 kN	37.77 kN	38.41 kN	23.88 kN	0.61 kN	0.00 kNm	[11.31%]
20	9.18 kN	-7.76 kN	-12.52 kN	-3.82 kN	15.85 kN	34.32 kN	40.01 kN	29.60 kN	0.61 kN	0.00 kNm	[11.78%]
21	15.85 kN	-3.82 kN	-12.52 kN	-7.76 kN	9.18 kN	29.60 kN	40.01 kN	34.32 kN	0.61 kN	0.00 kNm	[11.78%]
22	22.34 kN	1.15 kN	-11.18 kN	-10.65 kN	2.69 kN	23.88 kN	38.41 kN	37.77 kN	0.61 kN	0.00 kNm	[11.31%]
23	28.25 kN	7.52 kN	-8.59 kN	-12.31 kN	-2.69 kN	17.51 kN	35.31 kN	39.76 kN	0.61 kN	0.00 kNm	[11.70%]
24	33.24 kN	14.19 kN	-4.89 kN	-12.65 kN	-6.87 kN	10.84 kN	30.88 kN	40.16 kN	0.61 kN	0.00 kNm	[11.82%]
25	37.04 kN	20.75 kN	-0.30 kN	-11.64 kN	-10.04 kN	4.28 kN	25.39 kN	38.96 kN	0.61 kN	0.00 kNm	[11.47%]
26	39.41 kN	26.84 kN	5.89 kN	-9.35 kN	-12.02 kN	-1.52 kN	19.15 kN	36.22 kN	0.61 kN	0.00 kNm	[11.60%]

SOUTH EAST WIND

BASE M: 466.25 kNm
BASE T: 0.00 kNm
BASE Vx: -15.03 kN
BASE Vy: 15.03 kN
BASE N: 44.59 kN

BOLT	N @ 0°	N @ 45°	N @ 90°	N @ 135°	N @ 180°	N @ 225°	N @ 270°	N @ 315°	V	M	UTILISATION
01	56.43 kN	45.09 kN	17.73 kN	-8.06 kN	-17.53 kN	-8.06 kN	17.73 kN	45.09 kN	0.82 kN	0.00 kNm	[16.61%]
02	55.30 kN	50.85 kN	26.99 kN	-1.92 kN	-16.59 kN	-12.87 kN	8.47 kN	37.75 kN	0.82 kN	0.00 kNm	[16.28%]
03	52.00 kN	54.68 kN	35.72 kN	6.22 kN	-13.83 kN	-16.07 kN	-0.21 kN	29.24 kN	0.82 kN	0.00 kNm	[16.09%]
04	46.70 kN	56.36 kN	43.40 kN	15.39 kN	-9.40 kN	-17.47 kN	-6.63 kN	20.07 kN	0.82 kN	0.00 kNm	[16.59%]
05	39.71 kN	55.80 kN	49.58 kN	24.70 kN	-3.56 kN	-17.00 kN	-11.80 kN	10.75 kN	0.82 kN	0.00 kNm	[16.42%]
06	31.45 kN	53.02 kN	53.92 kN	33.61 kN	4.00 kN	-14.68 kN	-15.43 kN	1.85 kN	0.82 kN	0.00 kNm	[15.87%]
07	22.39 kN	48.19 kN	56.15 kN	41.60 kN	13.06 kN	-10.65 kN	-17.29 kN	-5.13 kN	0.82 kN	0.00 kNm	[16.53%]
08	13.06 kN	41.60 kN	56.15 kN	48.19 kN	22.39 kN	-5.13 kN	-17.29 kN	-10.65 kN	0.82 kN	0.00 kNm	[16.53%]
09	4.00 kN	33.61 kN	53.92 kN	53.02 kN	31.45 kN	1.85 kN	-15.43 kN	-14.68 kN	0.82 kN	0.00 kNm	[15.87%]
10	-3.56 kN	24.70 kN	49.58 kN	55.80 kN	39.71 kN	10.75 kN	-11.80 kN	-17.00 kN	0.82 kN	0.00 kNm	[16.42%]
11	-9.40 kN	15.39 kN	43.40 kN	56.36 kN	46.70 kN	20.07 kN	-6.63 kN	-17.47 kN	0.82 kN	0.00 kNm	[16.59%]
12	-13.83 kN	6.22 kN	35.72 kN	54.68 kN	52.00 kN	29.24 kN	-0.21 kN	-16.07 kN	0.82 kN	0.00 kNm	[16.09%]

13	-16.59 kN	-1.92 kN	26.99 kN	50.85 kN	55.30 kN	37.75 kN	8.47 kN	-12.87 kN	0.82 kN	0.00 kNm	[16.28%]
14	-17.53 kN	-8.06 kN	17.73 kN	45.09 kN	56.43 kN	45.09 kN	17.73 kN	-8.06 kN	0.82 kN	0.00 kNm	[16.61%]
15	-16.59 kN	-12.87 kN	8.47 kN	37.75 kN	55.30 kN	50.85 kN	26.99 kN	-1.92 kN	0.82 kN	0.00 kNm	[16.28%]
16	-13.83 kN	-16.07 kN	-0.21 kN	29.24 kN	52.00 kN	54.68 kN	35.72 kN	6.22 kN	0.82 kN	0.00 kNm	[16.09%]
17	-9.40 kN	-17.47 kN	-6.63 kN	20.07 kN	46.70 kN	56.36 kN	43.40 kN	15.39 kN	0.82 kN	0.00 kNm	[16.59%]
18	-3.56 kN	-17.00 kN	-11.80 kN	10.75 kN	39.71 kN	55.80 kN	49.58 kN	24.70 kN	0.82 kN	0.00 kNm	[16.42%]
19	4.00 kN	-14.68 kN	-15.43 kN	1.85 kN	31.45 kN	53.02 kN	53.92 kN	33.61 kN	0.82 kN	0.00 kNm	[15.87%]
20	13.06 kN	-10.65 kN	-17.29 kN	-5.13 kN	22.39 kN	48.19 kN	56.15 kN	41.60 kN	0.82 kN	0.00 kNm	[16.53%]
21	22.39 kN	-5.13 kN	-17.29 kN	-10.65 kN	13.06 kN	41.60 kN	56.15 kN	48.19 kN	0.82 kN	0.00 kNm	[16.53%]
22	31.45 kN	1.85 kN	-15.43 kN	-14.68 kN	4.00 kN	33.61 kN	53.92 kN	53.02 kN	0.82 kN	0.00 kNm	[15.87%]
23	39.71 kN	10.75 kN	-11.80 kN	-17.00 kN	-3.56 kN	24.70 kN	49.58 kN	55.80 kN	0.82 kN	0.00 kNm	[16.42%]
24	46.70 kN	20.07 kN	-6.63 kN	-17.47 kN	-9.40 kN	15.39 kN	43.40 kN	56.36 kN	0.82 kN	0.00 kNm	[16.59%]
25	52.00 kN	29.24 kN	-0.21 kN	-16.07 kN	-13.83 kN	6.22 kN	35.72 kN	54.68 kN	0.82 kN	0.00 kNm	[16.09%]
26	55.30 kN	37.75 kN	8.47 kN	-12.87 kN	-16.59 kN	-1.92 kN	26.99 kN	50.85 kN	0.82 kN	0.00 kNm	[16.28%]

SOUTH WIND

BASE M: 375.70 kNm
BASE T: 0.00 kNm
BASE Vx: 0.00 kN
BASE Vy: 16.92 kN
BASE N: 44.59 kN

BOLT	N @ 0°	N @ 45°	N @ 90°	N @ 135°	N @ 180°	N @ 225°	N @ 270°	N @ 315°	V	M	UTILISATION
01	45.09 kN	36.01 kN	14.09 kN	-6.56 kN	-14.15 kN	-6.56 kN	14.09 kN	36.01 kN	0.65 kN	0.00 kNm	[13.27%]
02	44.19 kN	40.62 kN	21.51 kN	-1.64 kN	-13.40 kN	-10.41 kN	6.67 kN	30.13 kN	0.65 kN	0.00 kNm	[13.01%]
03	41.54 kN	43.69 kN	28.50 kN	4.86 kN	-11.18 kN	-12.97 kN	-0.27 kN	23.31 kN	0.65 kN	0.00 kNm	[12.86%]
04	37.30 kN	45.04 kN	34.65 kN	12.21 kN	-7.63 kN	-14.10 kN	-5.41 kN	15.96 kN	0.65 kN	0.00 kNm	[13.26%]
05	31.70 kN	44.59 kN	39.61 kN	19.67 kN	-2.95 kN	-13.72 kN	-9.56 kN	8.50 kN	0.65 kN	0.00 kNm	[13.12%]
06	25.08 kN	42.36 kN	43.08 kN	26.81 kN	3.09 kN	-11.86 kN	-12.46 kN	1.36 kN	0.65 kN	0.00 kNm	[12.68%]
07	17.82 kN	38.50 kN	44.87 kN	33.21 kN	10.35 kN	-8.63 kN	-13.96 kN	-4.21 kN	0.65 kN	0.00 kNm	[13.21%]
08	10.35 kN	33.21 kN	44.87 kN	38.50 kN	17.82 kN	-4.21 kN	-13.96 kN	-8.63 kN	0.65 kN	0.00 kNm	[13.21%]
09	3.09 kN	26.81 kN	43.08 kN	42.36 kN	25.08 kN	1.36 kN	-12.46 kN	-11.86 kN	0.65 kN	0.00 kNm	[12.68%]
10	-2.95 kN	19.67 kN	39.61 kN	44.59 kN	31.70 kN	8.50 kN	-9.56 kN	-13.72 kN	0.65 kN	0.00 kNm	[13.12%]
11	-7.63 kN	12.21 kN	34.65 kN	45.04 kN	37.30 kN	15.96 kN	-5.41 kN	-14.10 kN	0.65 kN	0.00 kNm	[13.26%]
12	-11.18 kN	4.86 kN	28.50 kN	43.69 kN	41.54 kN	23.31 kN	-0.27 kN	-12.97 kN	0.65 kN	0.00 kNm	[12.86%]
13	-13.40 kN	-1.64 kN	21.51 kN	40.62 kN	44.19 kN	30.13 kN	6.67 kN	-10.41 kN	0.65 kN	0.00 kNm	[13.01%]
14	-14.15 kN	-6.56 kN	14.09 kN	36.01 kN	45.09 kN	36.01 kN	14.09 kN	-6.56 kN	0.65 kN	0.00 kNm	[13.27%]
15	-13.40 kN	-10.41 kN	6.67 kN	30.13 kN	44.19 kN	40.62 kN	21.51 kN	-1.64 kN	0.65 kN	0.00 kNm	[13.01%]
16	-11.18 kN	-12.97 kN	-0.27 kN	23.31 kN	41.54 kN	43.69 kN	28.50 kN	4.86 kN	0.65 kN	0.00 kNm	[12.86%]
17	-7.63 kN	-14.10 kN	-5.41 kN	15.96 kN	37.30 kN	45.04 kN	34.65 kN	12.21 kN	0.65 kN	0.00 kNm	[13.26%]
18	-2.95 kN	-13.72 kN	-9.56 kN	8.50 kN	31.70 kN	44.59 kN	39.61 kN	19.67 kN	0.65 kN	0.00 kNm	[13.12%]
19	3.09 kN	-11.86 kN	-12.46 kN	1.36 kN	25.08 kN	42.36 kN	43.08 kN	26.81 kN	0.65 kN	0.00 kNm	[12.68%]
20	10.35 kN	-8.63 kN	-13.96 kN	-4.21 kN	17.82 kN	38.50 kN	44.87 kN	33.21 kN	0.65 kN	0.00 kNm	[13.21%]
21	17.82 kN	-4.21 kN	-13.96 kN	-8.63 kN	10.35 kN	33.21 kN	44.87 kN	38.50 kN	0.65 kN	0.00 kNm	[13.21%]
22	25.08 kN	1.36 kN	-12.46 kN	-11.86 kN	3.09 kN	26.81 kN	43.08 kN	42.36 kN	0.65 kN	0.00 kNm	[12.68%]
23	31.70 kN	8.50 kN	-9.56 kN	-13.72 kN	-2.95 kN	19.67 kN	39.61 kN	44.59 kN	0.65 kN	0.00 kNm	[13.12%]
24	37.30 kN	15.96 kN	-5.41 kN	-14.10 kN	-7.63 kN	12.21 kN	34.65 kN	45.04 kN	0.65 kN	0.00 kNm	[13.26%]
25	41.54 kN	23.31 kN	-0.27 kN	-12.97 kN	-11.18 kN	4.86 kN	28.50 kN	43.69 kN	0.65 kN	0.00 kNm	[12.86%]
26	44.19 kN	30.13 kN	6.67 kN	-10.41 kN	-13.40 kN	-1.64 kN	21.51 kN	40.62 kN	0.65 kN	0.00 kNm	[13.01%]

SOUTH WEST WIND

BASE M: 293.23 kNm
BASE T: 0.00 kNm
BASE Vx: 9.40 kN
BASE Vy: 9.40 kN
BASE N: 44.59 kN

BOLT	N @ 0°	N @ 45°	N @ 90°	N @ 135°	N @ 180°	N @ 225°	N @ 270°	N @ 315°	V	M	UTILISATION
01	34.77 kN	27.74 kN	10.77 kN	-5.19 kN	-11.07 kN	-5.19 kN	10.77 kN	27.74 kN	0.51 kN	0.00 kNm	[10.23%]
02	34.08 kN	31.31 kN	16.51 kN	-1.38 kN	-10.49 kN	-8.17 kN	5.02 kN	23.19 kN	0.51 kN	0.00 kNm	[10.03%]
03	32.02 kN	33.69 kN	21.93 kN	3.63 kN	-8.77 kN	-10.16 kN	-0.32 kN	17.91 kN	0.51 kN	0.00 kNm	[9.92%]
04	28.74 kN	34.73 kN	26.69 kN	9.32 kN	-6.02 kN	-11.03 kN	-4.31 kN	12.22 kN	0.51 kN	0.00 kNm	[10.22%]
05	24.40 kN	34.38 kN	30.53 kN	15.09 kN	-2.40 kN	-10.74 kN	-7.51 kN	6.44 kN	0.51 kN	0.00 kNm	[10.12%]
06	19.28 kN	32.66 kN	33.22 kN	20.62 kN	2.25 kN	-9.30 kN	-9.76 kN	0.91 kN	0.51 kN	0.00 kNm	[9.78%]
07	13.66 kN	29.67 kN	34.60 kN	25.57 kN	7.87 kN	-6.80 kN	-10.92 kN	-3.38 kN	0.51 kN	0.00 kNm	[10.18%]
08	7.87 kN	25.57 kN	34.60 kN	29.67 kN	13.66 kN	-3.38 kN	-10.92 kN	-6.80 kN	0.51 kN	0.00 kNm	[10.18%]
09	2.25 kN	20.62 kN	33.22 kN	32.66 kN	19.28 kN	0.91 kN	-9.76 kN	-9.30 kN	0.51 kN	0.00 kNm	[9.78%]
10	-2.40 kN	15.09 kN	30.53 kN	34.38 kN	24.40 kN	6.44 kN	-7.51 kN	-10.74 kN	0.51 kN	0.00 kNm	[10.12%]
11	-6.02 kN	9.32 kN	26.69 kN	34.73 kN	28.74 kN	12.22 kN	-4.31 kN	-11.03 kN	0.51 kN	0.00 kNm	[10.22%]
12	-8.77 kN	3.63 kN	21.93 kN	33.69 kN	32.02 kN	17.91 kN	-0.32 kN	-10.16 kN	0.51 kN	0.00 kNm	[9.92%]
13	-10.49 kN	-1.38 kN	16.51 kN	31.31 kN	34.08 kN	23.19 kN	5.02 kN	-8.17 kN	0.51 kN	0.00 kNm	[10.03%]
14	-11.07 kN	-5.19 kN	10.77 kN	27.74 kN	34.77 kN	27.74 kN	10.77 kN	-5.19 kN	0.51 kN	0.00 kNm	[10.23%]
15	-10.49 kN	-8.17 kN	5.02 kN	23.19 kN	34.08 kN	31.31 kN	16.51 kN	-1.38 kN	0.51 kN	0.00 kNm	[10.03%]
16	-8.77 kN	-10.16 kN	-0.32 kN	17.91 kN	32.02 kN	33.69 kN	21.93 kN	3.63 kN	0.51 kN	0.00 kNm	[9.92%]
17	-6.02 kN	-11.03 kN	-4.31 kN	12.22 kN	28.74 kN	34.73 kN	26.69 kN	9.32 kN	0.51 kN	0.00 kNm	[10.22%]
18	-2.40 kN	-10.74 kN	-7.51 kN	6.44 kN	24.40 kN	34.38 kN	30.53 kN	15.09 kN	0.51 kN	0.00 kNm	[10.12%]
19	2.25 kN	-9.30 kN	-9.76 kN	0.91 kN	19.28 kN	32.66 kN	33.22 kN	20.62 kN	0.51 kN	0.00 kNm	[9.78%]
20	7.87 kN	-6.80 kN	-10.92 kN	-3.38 kN	13.66 kN	29.67 kN	34.60 kN	25.57 kN	0.51 kN	0.00 kNm	[10.18%]
21	13.66 kN	-3.38 kN	-10.92 kN	-6.80 kN	7.87 kN	25.57 kN	34.60 kN	29.67 kN	0.51 kN	0.00 kNm	[10.18%]
22	19.28 kN	0.91 kN	-9.76 kN	-9.30 kN	2.25 kN	20.62 kN	33.22 kN	32.66 kN	0.51 kN	0.00 kNm	[9.78%]
23	24.40 kN	6.44 kN	-7.51 kN	-10.74 kN	-2.40 kN	15.09 kN	30.53 kN	34.38 kN	0.51 kN	0.00 kNm	[10.12%]
24	28.74 kN	12.22 kN	-4.31 kN	-11.03 kN	-6.02 kN	9.32 kN	26.69 kN	34.73 kN	0.51 kN	0.00 kNm	[10.22%]
25	32.02 kN	17.91 kN	-0.32 kN	-10.16 kN	-8.77 kN	3.63 kN	21.93 kN	33.69 kN	0.51 kN	0.00 kNm	[9.92%]
26	34.08 kN	23.19 kN	5.02 kN	-8.17 kN	-10.49 kN	-1.38 kN	16.51 kN	31.31 kN	0.51 kN	0.00 kNm	[10.03%]

WEST WIND

BASE M: 265.47 kNm
BASE T: 0.00 kNm
BASE Vx: 11.95 kN
BASE Vy: 0.00 kN
BASE N: 44.59 kN

BOLT	N @ 0°	N @ 45°	N @ 90°	N @ 135°	N @ 180°	N @ 225°	N @ 270°	N @ 315°	V	M	UTILISATION
01	31.30 kN	24.96 kN	9.65 kN	-4.73 kN	-10.03 kN	-4.73 kN	9.65 kN	24.96 kN	0.46 kN	0.00 kNm	[9.21%]
02	30.67 kN	28.18 kN	14.83 kN	-1.30 kN	-9.50 kN	-7.42 kN	4.47 kN	20.85 kN	0.46 kN	0.00 kNm	[9.03%]
03	28.82 kN	30.32 kN	19.71 kN	3.21 kN	-7.96 kN	-9.21 kN	-0.34 kN	16.09 kN	0.46 kN	0.00 kNm	[8.92%]
04	25.85 kN	31.26 kN	24.01 kN	8.34 kN	-5.48 kN	-10.00 kN	-3.93 kN	10.96 kN	0.46 kN	0.00 kNm	[9.20%]
05	21.95 kN	30.94 kN	27.47 kN	13.55 kN	-2.21 kN	-9.73 kN	-6.83 kN	5.75 kN	0.46 kN	0.00 kNm	[9.11%]
06	17.33 kN	29.39 kN	29.89 kN	18.53 kN	1.97 kN	-8.44 kN	-8.85 kN	0.77 kN	0.46 kN	0.00 kNm	[8.80%]
07	12.26 kN	26.69 kN	31.14 kN	23.00 kN	7.04 kN	-6.18 kN	-9.90 kN	-3.09 kN	0.46 kN	0.00 kNm	[9.17%]
08	7.04 kN	23.00 kN	31.14 kN	26.69 kN	12.26 kN	-3.09 kN	-9.90 kN	-6.18 kN	0.46 kN	0.00 kNm	[9.17%]
09	1.97 kN	18.53 kN	29.89 kN	29.39 kN	17.33 kN	0.77 kN	-8.85 kN	-8.44 kN	0.46 kN	0.00 kNm	[8.80%]
10	-2.21 kN	13.55 kN	27.47 kN	30.94 kN	21.95 kN	5.75 kN	-6.83 kN	-9.73 kN	0.46 kN	0.00 kNm	[9.11%]
11	-5.48 kN	8.34 kN	24.01 kN	31.26 kN	25.85 kN	10.96 kN	-3.93 kN	-10.00 kN	0.46 kN	0.00 kNm	[9.20%]

12	-7.96 kN	3.21 kN	19.71 kN	30.32 kN	28.82 kN	16.09 kN	-0.34 kN	-9.21 kN	0.46 kN	0.00 kNm	[8.92%]
13	-9.50 kN	-1.30 kN	14.83 kN	28.18 kN	30.67 kN	20.85 kN	4.47 kN	-7.42 kN	0.46 kN	0.00 kNm	[9.03%]
14	-10.03 kN	-4.73 kN	9.65 kN	24.96 kN	31.30 kN	24.96 kN	9.65 kN	-4.73 kN	0.46 kN	0.00 kNm	[9.21%]
15	-9.50 kN	-7.42 kN	4.47 kN	20.85 kN	30.67 kN	28.18 kN	14.83 kN	-1.30 kN	0.46 kN	0.00 kNm	[9.03%]
16	-7.96 kN	-9.21 kN	-0.34 kN	16.09 kN	28.82 kN	30.32 kN	19.71 kN	3.21 kN	0.46 kN	0.00 kNm	[8.92%]
17	-5.48 kN	-10.00 kN	-3.93 kN	10.96 kN	25.85 kN	31.26 kN	24.01 kN	8.34 kN	0.46 kN	0.00 kNm	[9.20%]
18	-2.21 kN	-9.73 kN	-6.83 kN	5.75 kN	21.95 kN	30.94 kN	27.47 kN	13.55 kN	0.46 kN	0.00 kNm	[9.11%]
19	1.97 kN	-8.44 kN	-8.85 kN	0.77 kN	17.33 kN	29.39 kN	29.89 kN	18.53 kN	0.46 kN	0.00 kNm	[8.80%]
20	7.04 kN	-6.18 kN	-9.90 kN	-3.09 kN	12.26 kN	26.69 kN	31.14 kN	23.00 kN	0.46 kN	0.00 kNm	[9.17%]
21	12.26 kN	-3.09 kN	-9.90 kN	-6.18 kN	7.04 kN	23.00 kN	31.14 kN	26.69 kN	0.46 kN	0.00 kNm	[9.17%]
22	17.33 kN	0.77 kN	-8.85 kN	-8.44 kN	1.97 kN	18.53 kN	29.89 kN	29.39 kN	0.46 kN	0.00 kNm	[8.80%]
23	21.95 kN	5.75 kN	-6.83 kN	-9.73 kN	-2.21 kN	13.55 kN	27.47 kN	30.94 kN	0.46 kN	0.00 kNm	[9.11%]
24	25.85 kN	10.96 kN	-3.93 kN	-10.00 kN	-5.48 kN	8.34 kN	24.01 kN	31.26 kN	0.46 kN	0.00 kNm	[9.20%]
25	28.82 kN	16.09 kN	-0.34 kN	-9.21 kN	-7.96 kN	3.21 kN	19.71 kN	30.32 kN	0.46 kN	0.00 kNm	[8.92%]
26	30.67 kN	20.85 kN	4.47 kN	-7.42 kN	-9.50 kN	-1.30 kN	14.83 kN	28.18 kN	0.46 kN	0.00 kNm	[9.03%]

NORTH WEST WIND

BASE M: 291.79 kNm
BASE T: 0.00 kNm
BASE Vx: 9.24 kN
BASE Vy: -9.24 kN
BASE N: 44.59 kN

BOLT	N @ 0°	N @ 45°	N @ 90°	N @ 135°	N @ 180°	N @ 225°	N @ 270°	N @ 315°	V	M	UTILISATION
01	34.59 kN	27.60 kN	10.71 kN	-5.17 kN	-11.02 kN	-5.17 kN	10.71 kN	27.60 kN	0.50 kN	0.00 kNm	[10.18%]
02	33.90 kN	31.15 kN	16.43 kN	-1.38 kN	-10.44 kN	-8.14 kN	5.00 kN	23.07 kN	0.50 kN	0.00 kNm	[9.98%]
03	31.86 kN	33.51 kN	21.81 kN	3.60 kN	-8.73 kN	-10.11 kN	-0.33 kN	17.82 kN	0.50 kN	0.00 kNm	[9.86%]
04	28.59 kN	34.55 kN	26.55 kN	9.27 kN	-5.99 kN	-10.98 kN	-4.29 kN	12.15 kN	0.50 kN	0.00 kNm	[10.17%]
05	24.28 kN	34.20 kN	30.37 kN	15.02 kN	-2.39 kN	-10.69 kN	-7.48 kN	6.40 kN	0.50 kN	0.00 kNm	[10.07%]
06	19.18 kN	32.49 kN	33.05 kN	20.51 kN	2.24 kN	-9.26 kN	-9.72 kN	0.91 kN	0.50 kN	0.00 kNm	[9.73%]
07	13.59 kN	29.51 kN	34.42 kN	25.44 kN	7.83 kN	-6.77 kN	-10.87 kN	-3.36 kN	0.50 kN	0.00 kNm	[10.13%]
08	7.83 kN	25.44 kN	34.42 kN	29.51 kN	13.59 kN	-3.36 kN	-10.87 kN	-6.77 kN	0.50 kN	0.00 kNm	[10.13%]
09	2.24 kN	20.51 kN	33.05 kN	32.49 kN	19.18 kN	0.91 kN	-9.72 kN	-9.26 kN	0.50 kN	0.00 kNm	[9.73%]
10	-2.39 kN	15.02 kN	30.37 kN	34.20 kN	24.28 kN	6.40 kN	-7.48 kN	-10.69 kN	0.50 kN	0.00 kNm	[10.07%]
11	-5.99 kN	9.27 kN	26.55 kN	34.55 kN	28.59 kN	12.15 kN	-4.29 kN	-10.98 kN	0.50 kN	0.00 kNm	[10.17%]
12	-8.73 kN	3.60 kN	21.81 kN	33.51 kN	31.86 kN	17.82 kN	-0.33 kN	-10.11 kN	0.50 kN	0.00 kNm	[9.86%]
13	-10.44 kN	-1.38 kN	16.43 kN	31.15 kN	33.90 kN	23.07 kN	5.00 kN	-8.14 kN	0.50 kN	0.00 kNm	[9.98%]
14	-11.02 kN	-5.17 kN	10.71 kN	27.60 kN	34.59 kN	27.60 kN	10.71 kN	-5.17 kN	0.50 kN	0.00 kNm	[10.18%]
15	-10.44 kN	-8.14 kN	5.00 kN	23.07 kN	33.90 kN	31.15 kN	16.43 kN	-1.38 kN	0.50 kN	0.00 kNm	[9.98%]
16	-8.73 kN	-10.11 kN	-0.33 kN	17.82 kN	31.86 kN	33.51 kN	21.81 kN	3.60 kN	0.50 kN	0.00 kNm	[9.86%]
17	-5.99 kN	-10.98 kN	-4.29 kN	12.15 kN	28.59 kN	34.55 kN	26.55 kN	9.27 kN	0.50 kN	0.00 kNm	[10.17%]
18	-2.39 kN	-10.69 kN	-7.48 kN	6.40 kN	24.28 kN	34.20 kN	30.37 kN	15.02 kN	0.50 kN	0.00 kNm	[10.07%]
19	2.24 kN	-9.26 kN	-9.72 kN	0.91 kN	19.18 kN	32.49 kN	33.05 kN	20.51 kN	0.50 kN	0.00 kNm	[9.73%]
20	7.83 kN	-6.77 kN	-10.87 kN	-3.36 kN	13.59 kN	29.51 kN	34.42 kN	25.44 kN	0.50 kN	0.00 kNm	[10.13%]
21	13.59 kN	-3.36 kN	-10.87 kN	-6.77 kN	7.83 kN	25.44 kN	34.42 kN	29.51 kN	0.50 kN	0.00 kNm	[10.13%]
22	19.18 kN	0.91 kN	-9.72 kN	-9.26 kN	2.24 kN	20.51 kN	33.05 kN	32.49 kN	0.50 kN	0.00 kNm	[9.73%]
23	24.28 kN	6.40 kN	-7.48 kN	-10.69 kN	-2.39 kN	15.02 kN	30.37 kN	34.20 kN	0.50 kN	0.00 kNm	[10.07%]
24	28.59 kN	12.15 kN	-4.29 kN	-10.98 kN	-5.99 kN	9.27 kN	26.55 kN	34.55 kN	0.50 kN	0.00 kNm	[10.17%]
25	31.86 kN	17.82 kN	-0.33 kN	-10.11 kN	-8.73 kN	3.60 kN	21.81 kN	33.51 kN	0.50 kN	0.00 kNm	[9.86%]
26	33.90 kN	23.07 kN	5.00 kN	-8.14 kN	-10.44 kN	-1.38 kN	16.43 kN	31.15 kN	0.50 kN	0.00 kNm	[9.98%]

BASE PLATE

- Calculate design base plate stress (ϕfb).

ϕfb = ϕ × fy
= 0.90 × 340
= 306.00 MPa

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-8.58 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-168.57 MPa	[55.09%]
180°	02	-8.34 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-164.36 MPa	[53.71%]
180°	03	-8.10 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-159.87 MPa	[52.25%]
180°	04	-7.40 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-147.31 MPa	[48.14%]
180°	05	-6.69 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-134.28 MPa	[43.88%]
180°	06	-5.56 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-114.19 MPa	[37.32%]
180°	07	-4.38 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-93.15 MPa	[30.44%]
180°	08	-2.87 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-66.71 MPa	[21.80%]
180°	09	-1.21 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-38.59 MPa	[12.61%]
180°	10	0.64 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-12.65 MPa	[4.13%]
180°	11	2.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.86 MPa	[2.57%]
180°	12	4.80 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.99 MPa	[4.25%]
180°	13	7.17 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	20.86 MPa	[6.82%]
180°	14	9.37 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.37 MPa	[8.29%]
180°	15	11.90 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.60 MPa	[11.31%]
180°	16	14.02 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	37.96 MPa	[12.40%]
180°	17	16.53 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	48.06 MPa	[15.71%]
180°	18	18.41 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	49.84 MPa	[16.29%]
180°	19	20.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	60.33 MPa	[19.72%]
180°	20	22.28 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	60.30 MPa	[19.71%]
180°	21	24.31 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	70.71 MPa	[23.11%]
180°	22	25.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	68.73 MPa	[22.46%]
180°	23	27.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	78.59 MPa	[25.68%]
180°	24	27.57 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	74.64 MPa	[24.39%]
180°	25	28.71 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	83.50 MPa	[27.29%]
180°	26	28.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	77.68 MPa	[25.38%]
180°	27	29.29 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	85.17 MPa	[27.83%]
180°	28	28.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	77.68 MPa	[25.38%]
180°	29	28.71 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	83.50 MPa	[27.29%]
180°	30	27.57 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	74.64 MPa	[24.39%]
180°	31	27.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	78.59 MPa	[25.68%]
180°	32	25.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	68.73 MPa	[22.46%]
180°	33	24.31 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	70.71 MPa	[23.11%]
180°	34	22.28 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	60.30 MPa	[19.71%]
180°	35	20.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	60.33 MPa	[19.72%]
180°	36	18.41 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	49.84 MPa	[16.29%]
180°	37	16.53 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	48.06 MPa	[15.71%]
180°	38	14.02 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	37.96 MPa	[12.40%]
180°	39	11.90 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.60 MPa	[11.31%]
180°	40	9.37 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.37 MPa	[8.29%]
180°	41	7.17 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	20.86 MPa	[6.82%]
180°	42	4.80 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.99 MPa	[4.25%]
180°	43	2.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.86 MPa	[2.57%]

180°	44	0.64 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-12.65 MPa	[4.13%]
180°	45	-1.21 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-38.59 MPa	[12.61%]
180°	46	-2.87 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-66.71 MPa	[21.80%]
180°	47	-4.38 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-93.15 MPa	[30.44%]
180°	48	-5.56 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-114.19 MPa	[37.32%]
180°	49	-6.69 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-134.28 MPa	[43.88%]
180°	50	-7.40 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-147.31 MPa	[48.14%]
180°	51	-8.10 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-159.87 MPa	[52.25%]
180°	52	-8.34 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-164.36 MPa	[53.71%]

NORTH EAST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-8.15 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-159.48 MPa	[52.12%]
180°	02	-7.92 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-155.48 MPa	[50.81%]
180°	03	-7.69 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-151.23 MPa	[49.42%]
180°	04	-7.03 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-139.31 MPa	[45.53%]
180°	05	-6.35 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-126.94 MPa	[41.48%]
180°	06	-5.29 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-107.88 MPa	[35.26%]
180°	07	-4.16 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-87.93 MPa	[28.73%]
180°	08	-2.73 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-62.84 MPa	[20.54%]
180°	09	-1.16 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-36.17 MPa	[11.82%]
180°	10	0.59 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-11.72 MPa	[3.83%]
180°	11	2.55 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.42 MPa	[2.43%]
180°	12	4.54 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.29 MPa	[4.02%]
180°	13	6.79 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.75 MPa	[6.45%]
180°	14	8.88 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.04 MPa	[7.86%]
180°	15	11.27 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.78 MPa	[10.71%]
180°	16	13.29 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	35.98 MPa	[11.76%]
180°	17	15.66 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	45.55 MPa	[14.89%]
180°	18	17.45 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	47.25 MPa	[15.44%]
180°	19	19.67 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.20 MPa	[18.69%]
180°	20	21.12 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	57.17 MPa	[18.68%]
180°	21	23.05 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	67.04 MPa	[21.91%]
180°	22	24.07 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	65.17 MPa	[21.30%]
180°	23	25.62 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.52 MPa	[24.35%]
180°	24	26.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	70.77 MPa	[23.13%]
180°	25	27.23 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.18 MPa	[25.88%]
180°	26	27.21 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	73.66 MPa	[24.07%]
180°	27	27.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	80.77 MPa	[26.39%]
180°	28	27.21 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	73.66 MPa	[24.07%]
180°	29	27.23 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.18 MPa	[25.88%]
180°	30	26.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	70.77 MPa	[23.13%]
180°	31	25.62 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.52 MPa	[24.35%]
180°	32	24.07 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	65.17 MPa	[21.30%]
180°	33	23.05 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	67.04 MPa	[21.91%]
180°	34	21.12 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	57.17 MPa	[18.68%]
180°	35	19.67 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.20 MPa	[18.69%]
180°	36	17.45 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	47.25 MPa	[15.44%]
180°	37	15.66 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	45.55 MPa	[14.89%]
180°	38	13.29 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	35.98 MPa	[11.76%]
180°	39	11.27 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.78 MPa	[10.71%]
180°	40	8.88 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.04 MPa	[7.86%]
180°	41	6.79 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.75 MPa	[6.45%]
180°	42	4.54 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.29 MPa	[4.02%]
180°	43	2.55 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.42 MPa	[2.43%]
180°	44	0.59 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-11.72 MPa	[3.83%]
180°	45	-1.16 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-36.17 MPa	[11.82%]
180°	46	-2.73 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-62.84 MPa	[20.54%]
180°	47	-4.16 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-87.93 MPa	[28.73%]
180°	48	-5.29 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-107.88 MPa	[35.26%]
180°	49	-6.35 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-126.94 MPa	[41.48%]
180°	50	-7.03 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-139.31 MPa	[45.53%]
180°	51	-7.69 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-151.23 MPa	[49.42%]
180°	52	-7.92 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-155.48 MPa	[50.81%]

EAST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-10.32 kNm	550.18 mm	0.00 kNm	-0.11 kNm	163.00 mm	-204.15 MPa	[66.72%]
180°	02	-10.03 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-199.07 MPa	[65.06%]
180°	03	-9.74 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-193.64 MPa	[63.28%]
180°	04	-8.90 kNm	591.05 mm	0.00 kNm	-0.10 kNm	163.00 mm	-178.48 MPa	[58.33%]
180°	05	-8.03 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-162.71 MPa	[53.17%]
180°	06	-6.68 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-138.45 MPa	[45.25%]
180°	07	-5.25 kNm	550.18 mm	0.00 kNm	-0.06 kNm	163.00 mm	-113.01 MPa	[36.93%]
180°	08	-3.42 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-81.08 MPa	[26.50%]
180°	09	-1.42 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-47.09 MPa	[15.39%]
180°	10	0.82 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-15.55 MPa	[5.08%]
180°	11	3.32 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	9.64 MPa	[3.15%]
180°	12	5.85 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	15.83 MPa	[5.17%]
180°	13	8.72 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	25.35 MPa	[8.29%]
180°	14	11.38 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.80 MPa	[10.06%]
180°	15	14.43 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	41.95 MPa	[13.71%]
180°	16	16.99 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	46.00 MPa	[15.03%]
180°	17	20.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	58.22 MPa	[19.03%]
180°	18	22.30 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	60.36 MPa	[19.73%]
180°	19	25.12 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	73.05 MPa	[23.87%]
180°	20	26.97 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	73.00 MPa	[23.86%]
180°	21	29.43 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	85.59 MPa	[27.97%]
180°	22	30.73 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	83.18 MPa	[27.18%]
180°	23	32.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	95.11 MPa	[31.08%]
180°	24	33.36 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	90.32 MPa	[29.52%]
180°	25	34.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	101.05 MPa	[33.02%]
180°	26	34.72 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	94.00 MPa	[30.72%]
180°	27	35.44 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	103.07 MPa	[33.68%]
180°	28	34.72 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	94.00 MPa	[30.72%]
180°	29	34.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	101.05 MPa	[33.02%]
180°	30	33.36 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	90.32 MPa	[29.52%]
180°	31	32.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	95.11 MPa	[31.08%]
180°	32	30.73 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	83.18 MPa	[27.18%]
180°	33	29.43 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	85.59 MPa	[27.97%]
180°	34	26.97 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	73.00 MPa	[23.86%]
180°	35	25.12 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	73.05 MPa	[23.87%]
180°	36	22.30 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	60.36 MPa	[19.73%]
180°	37	20.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	58.22 MPa	[19.03%]
180°	38	16.99 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	46.00 MPa	[15.03%]
180°	39	14.43 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	41.95 MPa	[13.71%]

180°	40	11.38 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.80 MPa	[10.06%]
180°	41	8.72 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	25.35 MPa	[8.29%]
180°	42	5.85 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	15.83 MPa	[5.17%]
180°	43	3.32 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	9.64 MPa	[3.15%]
180°	44	0.82 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-15.55 MPa	[5.08%]
180°	45	-1.42 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-47.09 MPa	[15.39%]
180°	46	-3.42 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-81.08 MPa	[26.50%]
180°	47	-5.25 kNm	550.18 mm	0.00 kNm	-0.06 kNm	163.00 mm	-113.01 MPa	[36.93%]
180°	48	-6.68 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-138.45 MPa	[45.25%]
180°	49	-8.03 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-162.71 MPa	[53.17%]
180°	50	-8.90 kNm	591.05 mm	0.00 kNm	-0.10 kNm	163.00 mm	-178.48 MPa	[58.33%]
180°	51	-9.74 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-193.64 MPa	[63.28%]
180°	52	-10.03 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-199.07 MPa	[65.06%]

SOUTH EAST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-14.05 kNm	550.18 mm	0.00 kNm	-0.15 kNm	163.00 mm	-283.07 MPa	[92.51%]
180°	02	-13.65 kNm	591.05 mm	0.00 kNm	-0.15 kNm	163.00 mm	-276.14 MPa	[90.24%]
180°	03	-13.25 kNm	550.18 mm	0.00 kNm	-0.14 kNm	163.00 mm	-268.70 MPa	[87.81%]
180°	04	-12.10 kNm	591.05 mm	0.00 kNm	-0.13 kNm	163.00 mm	-247.98 MPa	[81.04%]
180°	05	-10.92 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-226.40 MPa	[73.99%]
180°	06	-9.06 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-193.24 MPa	[63.15%]
180°	07	-7.10 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-158.43 MPa	[51.77%]
180°	08	-4.60 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-114.77 MPa	[37.51%]
180°	09	-1.87 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-68.26 MPa	[22.31%]
180°	10	1.19 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-23.79 MPa	[7.77%]
180°	11	4.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.41 MPa	[4.38%]
180°	12	8.08 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	21.87 MPa	[7.15%]
180°	13	12.00 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.91 MPa	[11.41%]
180°	14	15.64 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	42.33 MPa	[13.83%]
180°	15	19.81 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.62 MPa	[18.83%]
180°	16	23.32 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.13 MPa	[20.63%]
180°	17	27.46 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.86 MPa	[26.10%]
180°	18	30.58 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	82.77 MPa	[27.05%]
180°	19	34.44 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	100.15 MPa	[32.73%]
180°	20	36.96 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	100.05 MPa	[32.70%]
180°	21	40.33 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	117.29 MPa	[38.33%]
180°	22	42.11 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	113.98 MPa	[37.25%]
180°	23	44.81 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	130.31 MPa	[42.58%]
180°	24	45.71 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	123.74 MPa	[40.44%]
180°	25	47.60 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	138.43 MPa	[45.24%]
180°	26	47.57 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	128.77 MPa	[42.08%]
180°	27	48.55 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	141.19 MPa	[46.14%]
180°	28	47.57 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	128.77 MPa	[42.08%]
180°	29	47.60 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	138.43 MPa	[45.24%]
180°	30	45.71 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	123.74 MPa	[40.44%]
180°	31	44.81 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	130.31 MPa	[42.58%]
180°	32	42.11 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	113.98 MPa	[37.25%]
180°	33	40.33 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	117.29 MPa	[38.33%]
180°	34	36.96 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	100.05 MPa	[32.70%]
180°	35	34.44 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	100.15 MPa	[32.73%]
180°	36	30.58 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	82.77 MPa	[27.05%]
180°	37	27.46 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.86 MPa	[26.10%]
180°	38	23.32 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.13 MPa	[20.63%]
180°	39	19.81 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.62 MPa	[18.83%]
180°	40	15.64 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	42.33 MPa	[13.83%]
180°	41	12.00 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.91 MPa	[11.41%]
180°	42	8.08 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	21.87 MPa	[7.15%]
180°	43	4.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.41 MPa	[4.38%]
180°	44	1.19 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-23.79 MPa	[7.77%]
180°	45	-1.87 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-68.26 MPa	[22.31%]
180°	46	-4.60 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-114.77 MPa	[37.51%]
180°	47	-7.10 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-158.43 MPa	[51.77%]
180°	48	-9.06 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-193.24 MPa	[63.15%]
180°	49	-10.92 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-226.40 MPa	[73.99%]
180°	50	-12.10 kNm	591.05 mm	0.00 kNm	-0.13 kNm	163.00 mm	-247.98 MPa	[81.04%]
180°	51	-13.25 kNm	550.18 mm	0.00 kNm	-0.14 kNm	163.00 mm	-268.70 MPa	[87.81%]
180°	52	-13.65 kNm	591.05 mm	0.00 kNm	-0.15 kNm	163.00 mm	-276.14 MPa	[90.24%]

SOUTH WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-11.44 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-227.94 MPa	[74.49%]
180°	02	-11.12 kNm	591.05 mm	0.00 kNm	-0.12 kNm	163.00 mm	-222.30 MPa	[72.65%]
180°	03	-10.80 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-216.26 MPa	[70.67%]
180°	04	-9.86 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-199.44 MPa	[65.18%]
180°	05	-8.90 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-181.93 MPa	[59.45%]
180°	06	-7.39 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-154.99 MPa	[50.65%]
180°	07	-5.80 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-126.74 MPa	[41.42%]
180°	08	-3.77 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-91.29 MPa	[29.83%]
180°	09	-1.55 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-53.54 MPa	[17.50%]
180°	10	0.93 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-18.09 MPa	[5.91%]
180°	11	3.71 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	10.78 MPa	[3.52%]
180°	12	6.52 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	17.65 MPa	[5.77%]
180°	13	9.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.22 MPa	[9.22%]
180°	14	12.66 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	34.26 MPa	[11.20%]
180°	15	16.04 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	46.66 MPa	[15.25%]
180°	16	18.89 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	51.14 MPa	[16.71%]
180°	17	22.25 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	64.71 MPa	[21.15%]
180°	18	24.78 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	67.09 MPa	[21.92%]
180°	19	27.92 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	81.18 MPa	[26.53%]
180°	20	29.97 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	81.12 MPa	[26.51%]
180°	21	32.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	95.11 MPa	[31.08%]
180°	22	34.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	92.43 MPa	[30.20%]
180°	23	36.34 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	105.67 MPa	[34.53%]
180°	24	37.07 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	100.35 MPa	[32.79%]
180°	25	38.60 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	112.27 MPa	[36.69%]
180°	26	38.58 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	104.43 MPa	[34.13%]
180°	27	39.38 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	114.51 MPa	[37.42%]
180°	28	38.58 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	104.43 MPa	[34.13%]
180°	29	38.60 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	112.27 MPa	[36.69%]
180°	30	37.07 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	100.35 MPa	[32.79%]
180°	31	36.34 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	105.67 MPa	[34.53%]
180°	32	34.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	92.43 MPa	[30.20%]
180°	33	32.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	95.11 MPa	[31.08%]
180°	34	29.97 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	81.12 MPa	[26.51%]
180°	35	27.92 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	81.18 MPa	[26.53%]

180°	36	24.78 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	67.09 MPa	[21.92%]
180°	37	22.25 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	64.71 MPa	[21.15%]
180°	38	18.89 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	51.14 MPa	[16.71%]
180°	39	16.04 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	46.66 MPa	[15.25%]
180°	40	12.66 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	34.26 MPa	[11.20%]
180°	41	9.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.22 MPa	[9.22%]
180°	42	6.52 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	17.65 MPa	[5.77%]
180°	43	3.71 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	10.78 MPa	[3.52%]
180°	44	0.93 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-18.09 MPa	[5.91%]
180°	45	-1.55 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-53.54 MPa	[17.50%]
180°	46	-3.77 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-91.29 MPa	[29.83%]
180°	47	-5.80 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-126.74 MPa	[41.42%]
180°	48	-7.39 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-154.99 MPa	[50.65%]
180°	49	-8.90 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-181.93 MPa	[59.45%]
180°	50	-9.86 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-199.44 MPa	[65.18%]
180°	51	-10.80 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-216.26 MPa	[70.67%]
180°	52	-11.12 kNm	591.05 mm	0.00 kNm	-0.12 kNm	163.00 mm	-222.30 MPa	[72.65%]

SOUTH WEST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-9.05 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-178.08 MPa	[58.20%]
180°	02	-8.80 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-173.63 MPa	[56.74%]
180°	03	-8.55 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-168.89 MPa	[55.19%]
180°	04	-7.80 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-155.62 MPa	[50.86%]
180°	05	-7.05 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-141.84 MPa	[46.35%]
180°	06	-5.87 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-120.62 MPa	[39.42%]
180°	07	-4.61 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-98.38 MPa	[32.15%]
180°	08	-3.02 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-70.45 MPa	[23.02%]
180°	09	-1.27 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-40.74 MPa	[13.31%]
180°	10	0.69 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-13.33 MPa	[4.36%]
180°	11	2.87 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.35 MPa	[2.73%]
180°	12	5.09 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.77 MPa	[4.50%]
180°	13	7.59 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.08 MPa	[7.22%]
180°	14	9.92 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.85 MPa	[8.77%]
180°	15	12.58 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	36.60 MPa	[11.96%]
180°	16	14.83 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	40.14 MPa	[13.12%]
180°	17	17.48 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	50.82 MPa	[16.61%]
180°	18	19.47 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	52.70 MPa	[17.22%]
180°	19	21.94 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	63.79 MPa	[20.85%]
180°	20	23.55 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.75 MPa	[20.83%]
180°	21	25.71 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.76 MPa	[24.43%]
180°	22	26.84 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	72.66 MPa	[23.74%]
180°	23	28.57 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	83.08 MPa	[27.15%]
180°	24	29.15 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	78.90 MPa	[25.78%]
180°	25	30.35 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	88.27 MPa	[28.85%]
180°	26	30.33 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	82.11 MPa	[26.83%]
180°	27	30.96 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	90.04 MPa	[29.42%]
180°	28	30.33 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	82.11 MPa	[26.83%]
180°	29	30.35 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	88.27 MPa	[28.85%]
180°	30	29.15 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	78.90 MPa	[25.78%]
180°	31	28.57 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	83.08 MPa	[27.15%]
180°	32	26.84 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	72.66 MPa	[23.74%]
180°	33	25.71 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.76 MPa	[24.43%]
180°	34	23.55 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.75 MPa	[20.83%]
180°	35	21.94 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	63.79 MPa	[20.85%]
180°	36	19.47 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	52.70 MPa	[17.22%]
180°	37	17.48 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	50.82 MPa	[16.61%]
180°	38	14.83 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	40.14 MPa	[13.12%]
180°	39	12.58 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	36.60 MPa	[11.96%]
180°	40	9.92 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.85 MPa	[8.77%]
180°	41	7.59 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.08 MPa	[7.22%]
180°	42	5.09 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.77 MPa	[4.50%]
180°	43	2.87 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.35 MPa	[2.73%]
180°	44	0.69 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-13.33 MPa	[4.36%]
180°	45	-1.27 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-40.74 MPa	[13.31%]
180°	46	-3.02 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-70.45 MPa	[23.02%]
180°	47	-4.61 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-98.38 MPa	[32.15%]
180°	48	-5.87 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-120.62 MPa	[39.42%]
180°	49	-7.05 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-141.84 MPa	[46.35%]
180°	50	-7.80 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-155.62 MPa	[50.86%]
180°	51	-8.55 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-168.89 MPa	[55.19%]
180°	52	-8.80 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-173.63 MPa	[56.74%]

WEST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-8.23 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-161.02 MPa	[52.62%]
180°	02	-7.99 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-156.98 MPa	[51.30%]
180°	03	-7.77 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-152.68 MPa	[49.90%]
180°	04	-7.09 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-140.65 MPa	[45.97%]
180°	05	-6.41 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-128.17 MPa	[41.88%]
180°	06	-5.34 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-108.92 MPa	[35.60%]
180°	07	-4.20 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-88.77 MPa	[29.01%]
180°	08	-2.75 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-63.45 MPa	[20.73%]
180°	09	-1.17 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-36.52 MPa	[11.93%]
180°	10	0.60 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-11.82 MPa	[3.86%]
180°	11	2.58 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.50 MPa	[2.45%]
180°	12	4.59 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.42 MPa	[4.06%]
180°	13	6.86 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.95 MPa	[6.52%]
180°	14	8.97 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.28 MPa	[7.93%]
180°	15	11.38 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	33.11 MPa	[10.82%]
180°	16	13.42 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.33 MPa	[11.87%]
180°	17	15.82 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	46.00 MPa	[15.03%]
180°	18	17.63 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	47.71 MPa	[15.59%]
180°	19	19.86 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.76 MPa	[18.88%]
180°	20	21.33 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	57.73 MPa	[18.87%]
180°	21	23.28 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	67.70 MPa	[22.12%]
180°	22	24.31 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	65.81 MPa	[21.51%]
180°	23	25.87 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	75.25 MPa	[24.59%]
180°	24	26.40 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	71.46 MPa	[23.35%]
180°	25	27.49 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.95 MPa	[26.13%]
180°	26	27.48 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	74.38 MPa	[24.31%]
180°	27	28.04 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	81.55 MPa	[26.65%]
180°	28	27.48 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	74.38 MPa	[24.31%]
180°	29	27.49 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.95 MPa	[26.13%]
180°	30	26.40 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	71.46 MPa	[23.35%]
180°	31	25.87 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	75.25 MPa	[24.59%]

180°	32	24.31 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	65.81 MPa	[21.51%]
180°	33	23.28 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	67.70 MPa	[22.12%]
180°	34	21.33 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	57.73 MPa	[18.87%]
180°	35	19.86 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.76 MPa	[18.88%]
180°	36	17.63 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	47.71 MPa	[15.59%]
180°	37	15.82 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	46.00 MPa	[15.03%]
180°	38	13.42 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.33 MPa	[11.87%]
180°	39	11.38 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	33.11 MPa	[10.82%]
180°	40	8.97 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.28 MPa	[7.93%]
180°	41	6.86 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.95 MPa	[6.52%]
180°	42	4.59 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.42 MPa	[4.06%]
180°	43	2.58 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.50 MPa	[2.45%]
180°	44	0.60 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-11.82 MPa	[3.86%]
180°	45	-1.17 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-36.52 MPa	[11.93%]
180°	46	-2.75 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-63.45 MPa	[20.73%]
180°	47	-4.20 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-88.77 MPa	[29.01%]
180°	48	-5.34 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-108.92 MPa	[35.60%]
180°	49	-6.41 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-128.17 MPa	[41.88%]
180°	50	-7.09 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-140.65 MPa	[45.97%]
180°	51	-7.77 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-152.68 MPa	[49.90%]
180°	52	-7.99 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-156.98 MPa	[51.30%]

NORTH WEST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-9.01 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-177.18 MPa	[57.90%]
180°	02	-8.75 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-172.75 MPa	[56.46%]
180°	03	-8.50 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-168.04 MPa	[54.91%]
180°	04	-7.77 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-154.84 MPa	[50.60%]
180°	05	-7.02 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-141.13 MPa	[46.12%]
180°	06	-5.84 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-120.01 MPa	[39.22%]
180°	07	-4.59 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-97.89 MPa	[31.99%]
180°	08	-3.00 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-70.10 MPa	[22.91%]
180°	09	-1.26 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-40.54 MPa	[13.25%]
180°	10	0.68 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-13.26 MPa	[4.33%]
180°	11	2.85 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.30 MPa	[2.71%]
180°	12	5.06 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.69 MPa	[4.48%]
180°	13	7.55 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	21.97 MPa	[7.18%]
180°	14	9.87 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.71 MPa	[8.73%]
180°	15	12.52 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	36.41 MPa	[11.90%]
180°	16	14.75 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	39.94 MPa	[13.05%]
180°	17	17.39 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	50.56 MPa	[16.52%]
180°	18	19.37 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	52.43 MPa	[17.13%]
180°	19	21.82 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	63.47 MPa	[20.74%]
180°	20	23.43 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.43 MPa	[20.73%]
180°	21	25.57 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.37 MPa	[24.31%]
180°	22	26.70 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	72.29 MPa	[23.62%]
180°	23	28.42 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	82.65 MPa	[27.01%]
180°	24	29.00 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	78.50 MPa	[25.65%]
180°	25	30.20 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	87.82 MPa	[28.70%]
180°	26	30.18 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	81.70 MPa	[26.70%]
180°	27	30.80 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	89.58 MPa	[29.27%]
180°	28	30.18 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	81.70 MPa	[26.70%]
180°	29	30.20 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	87.82 MPa	[28.70%]
180°	30	29.00 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	78.50 MPa	[25.65%]
180°	31	28.42 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	82.65 MPa	[27.01%]
180°	32	26.70 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	72.29 MPa	[23.62%]
180°	33	25.57 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.37 MPa	[24.31%]
180°	34	23.43 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.43 MPa	[20.73%]
180°	35	21.82 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	63.47 MPa	[20.74%]
180°	36	19.37 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	52.43 MPa	[17.13%]
180°	37	17.39 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	50.56 MPa	[16.52%]
180°	38	14.75 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	39.94 MPa	[13.05%]
180°	39	12.52 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	36.41 MPa	[11.90%]
180°	40	9.87 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.71 MPa	[8.73%]
180°	41	7.55 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	21.97 MPa	[7.18%]
180°	42	5.06 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.69 MPa	[4.48%]
180°	43	2.85 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.30 MPa	[2.71%]
180°	44	0.68 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-13.26 MPa	[4.33%]
180°	45	-1.26 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-40.54 MPa	[13.25%]
180°	46	-3.00 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-70.10 MPa	[22.91%]
180°	47	-4.59 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-97.89 MPa	[31.99%]
180°	48	-5.84 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-120.01 MPa	[39.22%]
180°	49	-7.02 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-141.13 MPa	[46.12%]
180°	50	-7.77 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-154.84 MPa	[50.60%]
180°	51	-8.50 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-168.04 MPa	[54.91%]
180°	52	-8.75 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-172.75 MPa	[56.46%]

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-8.53 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-169.40 MPa	[55.36%]
180°	02	-8.29 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-165.20 MPa	[53.99%]
180°	03	-8.05 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-160.70 MPa	[52.52%]
180°	04	-7.35 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-148.16 MPa	[48.42%]
180°	05	-6.63 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-135.11 MPa	[44.15%]
180°	06	-5.51 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-115.03 MPa	[37.59%]
180°	07	-4.33 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-93.97 MPa	[30.71%]
180°	08	-2.81 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-67.55 MPa	[22.07%]
180°	09	-1.16 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-39.42 MPa	[12.88%]
180°	10	0.69 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-13.15 MPa	[4.30%]
180°	11	2.76 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.03 MPa	[2.62%]
180°	12	4.86 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.15 MPa	[4.30%]
180°	13	7.23 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	21.03 MPa	[6.87%]
180°	14	9.43 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.54 MPa	[8.34%]
180°	15	11.96 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.78 MPa	[11.36%]
180°	16	14.08 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	38.12 MPa	[12.46%]
180°	17	16.59 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	48.24 MPa	[15.76%]
180°	18	18.47 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	50.00 MPa	[16.34%]
180°	19	20.81 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	60.51 MPa	[19.77%]
180°	20	22.34 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	60.46 MPa	[19.76%]
180°	21	24.38 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	70.89 MPa	[23.17%]
180°	22	25.45 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	68.89 MPa	[22.51%]
180°	23	27.08 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	78.76 MPa	[25.74%]
180°	24	27.63 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	74.80 MPa	[24.44%]
180°	25	28.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	83.68 MPa	[27.35%]

180°	26	28.75 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	77.84 MPa	[25.44%]
180°	27	29.35 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	85.35 MPa	[27.89%]
180°	28	28.75 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	77.84 MPa	[25.44%]
180°	29	28.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	83.68 MPa	[27.35%]
180°	30	27.63 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	74.80 MPa	[24.44%]
180°	31	27.08 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	78.76 MPa	[25.74%]
180°	32	25.45 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	68.89 MPa	[22.51%]
180°	33	24.38 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	70.89 MPa	[23.17%]
180°	34	22.34 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	60.46 MPa	[19.76%]
180°	35	20.81 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	60.51 MPa	[19.77%]
180°	36	18.47 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	50.00 MPa	[16.34%]
180°	37	16.59 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	48.24 MPa	[15.76%]
180°	38	14.08 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	38.12 MPa	[12.46%]
180°	39	11.96 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.78 MPa	[11.36%]
180°	40	9.43 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.54 MPa	[8.34%]
180°	41	7.23 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	21.03 MPa	[6.87%]
180°	42	4.86 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.15 MPa	[4.30%]
180°	43	2.76 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.03 MPa	[2.62%]
180°	44	0.69 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-13.15 MPa	[4.30%]
180°	45	-1.16 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-39.42 MPa	[12.88%]
180°	46	-2.81 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-67.55 MPa	[22.07%]
180°	47	-4.33 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-93.97 MPa	[30.71%]
180°	48	-5.51 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-115.03 MPa	[37.59%]
180°	49	-6.63 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-135.11 MPa	[44.15%]
180°	50	-7.35 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-148.16 MPa	[48.42%]
180°	51	-8.05 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-160.70 MPa	[52.52%]
180°	52	-8.29 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-165.20 MPa	[53.99%]

NORTH EAST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-8.10 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-160.79 MPa	[52.54%]
180°	02	-7.87 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-156.80 MPa	[51.24%]
180°	03	-7.64 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-152.53 MPa	[49.85%]
180°	04	-6.98 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-140.62 MPa	[45.96%]
180°	05	-6.30 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-128.24 MPa	[41.91%]
180°	06	-5.24 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-109.19 MPa	[35.68%]
180°	07	-4.11 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-89.21 MPa	[29.15%]
180°	08	-2.68 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-64.13 MPa	[20.96%]
180°	09	-1.11 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-37.43 MPa	[12.23%]
180°	10	0.65 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-12.51 MPa	[4.09%]
180°	11	2.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.60 MPa	[2.48%]
180°	12	4.60 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.46 MPa	[4.07%]
180°	13	6.85 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.93 MPa	[6.51%]
180°	14	8.94 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.21 MPa	[7.91%]
180°	15	11.34 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.97 MPa	[10.78%]
180°	16	13.35 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.15 MPa	[11.81%]
180°	17	15.73 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	45.75 MPa	[14.95%]
180°	18	17.52 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	47.43 MPa	[15.50%]
180°	19	19.74 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.40 MPa	[18.76%]
180°	20	21.19 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	57.35 MPa	[18.74%]
180°	21	23.12 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	67.24 MPa	[21.98%]
180°	22	24.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	65.35 MPa	[21.36%]
180°	23	25.69 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.72 MPa	[24.42%]
180°	24	26.21 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	70.96 MPa	[23.19%]
180°	25	27.30 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.38 MPa	[25.94%]
180°	26	27.28 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	73.84 MPa	[24.13%]
180°	27	27.84 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	80.97 MPa	[26.46%]
180°	28	27.28 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	73.84 MPa	[24.13%]
180°	29	27.30 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.38 MPa	[25.94%]
180°	30	26.21 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	70.96 MPa	[23.19%]
180°	31	25.69 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.72 MPa	[24.42%]
180°	32	24.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	65.35 MPa	[21.36%]
180°	33	23.12 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	67.24 MPa	[21.98%]
180°	34	21.19 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	57.35 MPa	[18.74%]
180°	35	19.74 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.40 MPa	[18.76%]
180°	36	17.52 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	47.43 MPa	[15.50%]
180°	37	15.73 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	45.75 MPa	[14.95%]
180°	38	13.35 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.15 MPa	[11.81%]
180°	39	11.34 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.97 MPa	[10.78%]
180°	40	8.94 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.21 MPa	[7.91%]
180°	41	6.85 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.93 MPa	[6.51%]
180°	42	4.60 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.46 MPa	[4.07%]
180°	43	2.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.60 MPa	[2.48%]
180°	44	0.65 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-12.51 MPa	[4.09%]
180°	45	-1.11 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-37.43 MPa	[12.23%]
180°	46	-2.68 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-64.13 MPa	[20.96%]
180°	47	-4.11 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-89.21 MPa	[29.15%]
180°	48	-5.24 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-109.19 MPa	[35.68%]
180°	49	-6.30 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-128.24 MPa	[41.91%]
180°	50	-6.98 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-140.62 MPa	[45.96%]
180°	51	-7.64 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-152.53 MPa	[49.85%]
180°	52	-7.87 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-156.80 MPa	[51.24%]

EAST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-10.27 kNm	550.18 mm	0.00 kNm	-0.11 kNm	163.00 mm	-206.25 MPa	[67.40%]
180°	02	-9.98 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-201.19 MPa	[65.75%]
180°	03	-9.69 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-195.75 MPa	[63.97%]
180°	04	-8.84 kNm	591.05 mm	0.00 kNm	-0.10 kNm	163.00 mm	-180.61 MPa	[59.02%]
180°	05	-7.98 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-164.84 MPa	[53.87%]
180°	06	-6.62 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-140.61 MPa	[45.95%]
180°	07	-5.19 kNm	550.18 mm	0.00 kNm	-0.06 kNm	163.00 mm	-115.18 MPa	[37.64%]
180°	08	-3.37 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-83.27 MPa	[27.21%]
180°	09	-1.37 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-49.29 MPa	[16.11%]
180°	10	0.87 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-16.99 MPa	[5.55%]
180°	11	3.37 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	9.79 MPa	[3.20%]
180°	12	5.90 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	15.97 MPa	[5.22%]
180°	13	8.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	25.50 MPa	[8.33%]
180°	14	11.42 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.93 MPa	[10.11%]
180°	15	14.47 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	42.09 MPa	[13.76%]
180°	16	17.04 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	46.12 MPa	[15.07%]
180°	17	20.06 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	58.34 MPa	[19.07%]
180°	18	22.34 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	60.47 MPa	[19.76%]
180°	19	25.16 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	73.17 MPa	[23.91%]
180°	20	27.00 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	73.10 MPa	[23.89%]
180°	21	29.47 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	85.70 MPa	[28.01%]

180°	22	30.76 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	83.28 MPa	[27.21%]
180°	23	32.74 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	95.21 MPa	[31.11%]
180°	24	33.40 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	90.41 MPa	[29.55%]
180°	25	34.78 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	101.14 MPa	[33.05%]
180°	26	34.75 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	94.08 MPa	[30.75%]
180°	27	35.47 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	103.16 MPa	[33.71%]
180°	28	34.75 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	94.08 MPa	[30.75%]
180°	29	34.78 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	101.14 MPa	[33.05%]
180°	30	33.40 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	90.41 MPa	[29.55%]
180°	31	32.74 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	95.21 MPa	[31.11%]
180°	32	30.76 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	83.28 MPa	[27.21%]
180°	33	29.47 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	85.70 MPa	[28.01%]
180°	34	27.00 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	73.10 MPa	[23.89%]
180°	35	25.16 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	73.17 MPa	[23.91%]
180°	36	22.34 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	60.47 MPa	[19.76%]
180°	37	20.06 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	58.34 MPa	[19.07%]
180°	38	17.04 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	46.12 MPa	[15.07%]
180°	39	14.47 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	42.09 MPa	[13.76%]
180°	40	11.42 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.93 MPa	[10.11%]
180°	41	8.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	25.50 MPa	[8.33%]
180°	42	5.90 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	15.97 MPa	[5.22%]
180°	43	3.37 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	9.79 MPa	[3.20%]
180°	44	0.87 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-16.99 MPa	[5.55%]
180°	45	-1.37 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-49.29 MPa	[16.11%]
180°	46	-3.37 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-83.27 MPa	[27.21%]
180°	47	-5.19 kNm	550.18 mm	0.00 kNm	-0.06 kNm	163.00 mm	-115.18 MPa	[37.64%]
180°	48	-6.62 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-140.61 MPa	[45.95%]
180°	49	-7.98 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-164.84 MPa	[53.87%]
180°	50	-8.84 kNm	591.05 mm	0.00 kNm	-0.10 kNm	163.00 mm	-180.61 MPa	[59.02%]
180°	51	-9.69 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-195.75 MPa	[63.97%]
180°	52	-9.98 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-201.19 MPa	[65.75%]

SOUTH EAST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-13.98 kNm	550.18 mm	0.00 kNm	-0.15 kNm	163.00 mm	-287.32 MPa	[93.90%]
180°	02	-13.59 kNm	591.05 mm	0.00 kNm	-0.15 kNm	163.00 mm	-280.41 MPa	[91.64%]
180°	03	-13.19 kNm	550.18 mm	0.00 kNm	-0.15 kNm	163.00 mm	-272.97 MPa	[89.21%]
180°	04	-12.04 kNm	591.05 mm	0.00 kNm	-0.14 kNm	163.00 mm	-252.30 MPa	[82.45%]
180°	05	-10.86 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-230.76 MPa	[75.41%]
180°	06	-9.01 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-197.66 MPa	[64.60%]
180°	07	-7.05 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-162.91 MPa	[53.24%]
180°	08	-4.56 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-119.34 MPa	[39.00%]
180°	09	-1.82 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-72.91 MPa	[23.83%]
180°	10	1.23 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-26.89 MPa	[8.79%]
180°	11	4.65 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.51 MPa	[4.42%]
180°	12	8.11 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	21.94 MPa	[7.17%]
180°	13	12.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.97 MPa	[11.43%]
180°	14	15.65 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	42.37 MPa	[13.85%]
180°	15	19.82 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.64 MPa	[18.84%]
180°	16	23.32 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.13 MPa	[20.63%]
180°	17	27.45 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.84 MPa	[26.09%]
180°	18	30.56 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	82.73 MPa	[27.04%]
180°	19	34.42 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	100.09 MPa	[32.71%]
180°	20	36.94 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	99.99 MPa	[32.67%]
180°	21	40.30 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	117.20 MPa	[38.30%]
180°	22	42.07 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	113.89 MPa	[37.22%]
180°	23	44.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	130.19 MPa	[42.55%]
180°	24	45.67 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	123.63 MPa	[40.40%]
180°	25	47.56 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	138.30 MPa	[45.20%]
180°	26	47.52 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	128.64 MPa	[42.04%]
180°	27	48.50 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	141.06 MPa	[46.10%]
180°	28	47.52 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	128.64 MPa	[42.04%]
180°	29	47.56 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	138.30 MPa	[45.20%]
180°	30	45.67 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	123.63 MPa	[40.40%]
180°	31	44.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	130.19 MPa	[42.55%]
180°	32	42.07 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	113.89 MPa	[37.22%]
180°	33	40.30 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	117.20 MPa	[38.30%]
180°	34	36.94 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	99.99 MPa	[32.67%]
180°	35	34.42 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	100.09 MPa	[32.71%]
180°	36	30.56 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	82.73 MPa	[27.04%]
180°	37	27.45 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	79.84 MPa	[26.09%]
180°	38	23.32 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.13 MPa	[20.63%]
180°	39	19.82 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.64 MPa	[18.84%]
180°	40	15.65 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	42.37 MPa	[13.85%]
180°	41	12.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.97 MPa	[11.43%]
180°	42	8.11 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	21.94 MPa	[7.17%]
180°	43	4.65 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.51 MPa	[4.42%]
180°	44	1.23 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-26.89 MPa	[8.79%]
180°	45	-1.82 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-72.91 MPa	[23.83%]
180°	46	-4.56 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-119.34 MPa	[39.00%]
180°	47	-7.05 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-162.91 MPa	[53.24%]
180°	48	-9.01 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-197.66 MPa	[64.60%]
180°	49	-10.86 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-230.76 MPa	[75.41%]
180°	50	-12.04 kNm	591.05 mm	0.00 kNm	-0.14 kNm	163.00 mm	-252.30 MPa	[82.45%]
180°	51	-13.19 kNm	550.18 mm	0.00 kNm	-0.15 kNm	163.00 mm	-272.97 MPa	[89.21%]
180°	52	-13.59 kNm	591.05 mm	0.00 kNm	-0.15 kNm	163.00 mm	-280.41 MPa	[91.64%]

SOUTH WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-11.38 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-230.18 MPa	[75.22%]
180°	02	-11.06 kNm	591.05 mm	0.00 kNm	-0.12 kNm	163.00 mm	-224.56 MPa	[73.39%]
180°	03	-10.74 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-218.52 MPa	[71.41%]
180°	04	-9.80 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-201.72 MPa	[65.92%]
180°	05	-8.84 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-184.22 MPa	[60.20%]
180°	06	-7.34 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-157.33 MPa	[51.42%]
180°	07	-5.75 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-129.10 MPa	[42.19%]
180°	08	-3.72 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-93.70 MPa	[30.62%]
180°	09	-1.50 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-55.98 MPa	[18.30%]
180°	10	0.98 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-19.70 MPa	[6.44%]
180°	11	3.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	10.91 MPa	[3.57%]
180°	12	6.56 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	17.77 MPa	[5.81%]
180°	13	9.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.34 MPa	[9.26%]
180°	14	12.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	34.37 MPa	[11.23%]
180°	15	16.08 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	46.76 MPa	[15.28%]
180°	16	18.93 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	51.23 MPa	[16.74%]
180°	17	22.28 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	64.80 MPa	[21.18%]

180°	18	24.81 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	67.16 MPa	[21.95%]
180°	19	27.94 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	81.25 MPa	[26.55%]
180°	20	29.99 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	81.17 MPa	[26.53%]
180°	21	32.72 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	95.15 MPa	[31.10%]
180°	22	34.16 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	92.46 MPa	[30.22%]
180°	23	36.35 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	105.71 MPa	[34.54%]
180°	24	37.08 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	100.38 MPa	[32.80%]
180°	25	38.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	112.30 MPa	[36.70%]
180°	26	38.59 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	104.46 MPa	[34.14%]
180°	27	39.38 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	114.53 MPa	[37.43%]
180°	28	38.59 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	104.46 MPa	[34.14%]
180°	29	38.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	112.30 MPa	[36.70%]
180°	30	37.08 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	100.38 MPa	[32.80%]
180°	31	36.35 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	105.71 MPa	[34.54%]
180°	32	34.16 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	92.46 MPa	[30.22%]
180°	33	32.72 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	95.15 MPa	[31.10%]
180°	34	29.99 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	81.17 MPa	[26.53%]
180°	35	27.94 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	81.25 MPa	[26.55%]
180°	36	24.81 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	67.16 MPa	[21.95%]
180°	37	22.28 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	64.80 MPa	[21.18%]
180°	38	18.93 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	51.23 MPa	[16.74%]
180°	39	16.08 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	46.76 MPa	[15.28%]
180°	40	12.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	34.37 MPa	[11.23%]
180°	41	9.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.34 MPa	[9.26%]
180°	42	6.56 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	17.77 MPa	[5.81%]
180°	43	3.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	10.91 MPa	[3.57%]
180°	44	0.98 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-19.70 MPa	[6.44%]
180°	45	-1.50 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-55.98 MPa	[18.30%]
180°	46	-3.72 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-93.70 MPa	[30.62%]
180°	47	-5.75 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-129.10 MPa	[42.19%]
180°	48	-7.34 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-157.33 MPa	[51.42%]
180°	49	-8.84 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-184.22 MPa	[60.20%]
180°	50	-9.80 kNm	591.05 mm	0.00 kNm	-0.11 kNm	163.00 mm	-201.72 MPa	[65.92%]
180°	51	-10.74 kNm	550.18 mm	0.00 kNm	-0.12 kNm	163.00 mm	-218.52 MPa	[71.41%]
180°	52	-11.06 kNm	591.05 mm	0.00 kNm	-0.12 kNm	163.00 mm	-224.56 MPa	[73.39%]

SOUTH WEST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-9.00 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-179.45 MPa	[58.64%]
180°	02	-8.75 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-175.02 MPa	[57.20%]
180°	03	-8.49 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-170.26 MPa	[55.64%]
180°	04	-7.75 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-157.01 MPa	[51.31%]
180°	05	-7.00 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-143.22 MPa	[46.81%]
180°	06	-5.81 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-122.02 MPa	[39.88%]
180°	07	-4.56 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-99.77 MPa	[32.61%]
180°	08	-2.96 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-71.86 MPa	[23.48%]
180°	09	-1.22 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-42.14 MPa	[13.77%]
180°	10	0.74 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-14.22 MPa	[4.65%]
180°	11	2.93 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.51 MPa	[2.78%]
180°	12	5.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.92 MPa	[4.55%]
180°	13	7.65 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.25 MPa	[7.27%]
180°	14	9.97 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	27.00 MPa	[8.82%]
180°	15	12.64 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	36.76 MPa	[12.01%]
180°	16	14.89 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	40.30 MPa	[13.17%]
180°	17	17.53 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	50.98 MPa	[16.66%]
180°	18	19.52 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	52.85 MPa	[17.27%]
180°	19	21.99 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	63.95 MPa	[20.90%]
180°	20	23.60 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.90 MPa	[20.88%]
180°	21	25.76 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.91 MPa	[24.48%]
180°	22	26.89 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	72.80 MPa	[23.79%]
180°	23	28.62 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	83.23 MPa	[27.20%]
180°	24	29.20 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	79.04 MPa	[25.83%]
180°	25	30.41 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	88.43 MPa	[28.90%]
180°	26	30.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	82.25 MPa	[26.88%]
180°	27	31.01 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	90.19 MPa	[29.47%]
180°	28	30.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	82.25 MPa	[26.88%]
180°	29	30.41 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	88.43 MPa	[28.90%]
180°	30	29.20 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	79.04 MPa	[25.83%]
180°	31	28.62 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	83.23 MPa	[27.20%]
180°	32	26.89 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	72.80 MPa	[23.79%]
180°	33	25.76 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.91 MPa	[24.48%]
180°	34	23.60 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.90 MPa	[20.88%]
180°	35	21.99 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	63.95 MPa	[20.90%]
180°	36	19.52 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	52.85 MPa	[17.27%]
180°	37	17.53 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	50.98 MPa	[16.66%]
180°	38	14.89 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	40.30 MPa	[13.17%]
180°	39	12.64 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	36.76 MPa	[12.01%]
180°	40	9.97 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	27.00 MPa	[8.82%]
180°	41	7.65 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.25 MPa	[7.27%]
180°	42	5.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.92 MPa	[4.55%]
180°	43	2.93 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.51 MPa	[2.78%]
180°	44	0.74 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-14.22 MPa	[4.65%]
180°	45	-1.22 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-42.14 MPa	[13.77%]
180°	46	-2.96 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-71.86 MPa	[23.48%]
180°	47	-4.56 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-99.77 MPa	[32.61%]
180°	48	-5.81 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-122.02 MPa	[39.88%]
180°	49	-7.00 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-143.22 MPa	[46.81%]
180°	50	-7.75 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-157.01 MPa	[51.31%]
180°	51	-8.49 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-170.26 MPa	[55.64%]
180°	52	-8.75 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-175.02 MPa	[57.20%]

WEST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-8.18 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-162.32 MPa	[53.04%]
180°	02	-7.94 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-158.29 MPa	[51.73%]
180°	03	-7.72 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-153.98 MPa	[50.32%]
180°	04	-7.05 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-141.96 MPa	[46.39%]
180°	05	-6.36 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-129.46 MPa	[42.31%]
180°	06	-5.29 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-110.23 MPa	[36.02%]
180°	07	-4.15 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-90.06 MPa	[29.43%]
180°	08	-2.70 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-64.74 MPa	[21.16%]
180°	09	-1.12 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-37.78 MPa	[12.35%]
180°	10	0.66 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-12.62 MPa	[4.12%]
180°	11	2.64 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.67 MPa	[2.51%]
180°	12	4.65 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.58 MPa	[4.11%]
180°	13	6.92 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	20.13 MPa	[6.58%]

180°	14	9.03 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.44 MPa	[7.99%]
180°	15	11.45 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	33.29 MPa	[10.88%]
180°	16	13.48 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.50 MPa	[11.93%]
180°	17	15.88 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	46.19 MPa	[15.09%]
180°	18	17.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	47.89 MPa	[15.65%]
180°	19	19.93 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.95 MPa	[18.94%]
180°	20	21.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	57.91 MPa	[18.92%]
180°	21	23.35 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	67.89 MPa	[22.19%]
180°	22	24.37 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	65.98 MPa	[21.56%]
180°	23	25.94 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	75.44 MPa	[24.65%]
180°	24	26.46 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	71.64 MPa	[23.41%]
180°	25	27.56 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	80.15 MPa	[26.19%]
180°	26	27.54 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	74.55 MPa	[24.36%]
180°	27	28.11 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	81.75 MPa	[26.72%]
180°	28	27.54 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	74.55 MPa	[24.36%]
180°	29	27.56 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	80.15 MPa	[26.19%]
180°	30	26.46 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	71.64 MPa	[23.41%]
180°	31	25.94 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	75.44 MPa	[24.65%]
180°	32	24.37 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	65.98 MPa	[21.56%]
180°	33	23.35 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	67.89 MPa	[22.19%]
180°	34	21.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	57.91 MPa	[18.92%]
180°	35	19.93 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	57.95 MPa	[18.94%]
180°	36	17.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	47.89 MPa	[15.65%]
180°	37	15.88 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	46.19 MPa	[15.09%]
180°	38	13.48 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.50 MPa	[11.93%]
180°	39	11.45 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	33.29 MPa	[10.88%]
180°	40	9.03 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.44 MPa	[7.99%]
180°	41	6.92 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	20.13 MPa	[6.58%]
180°	42	4.65 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	12.58 MPa	[4.11%]
180°	43	2.64 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.67 MPa	[2.51%]
180°	44	0.66 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-12.62 MPa	[4.12%]
180°	45	-1.12 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-37.78 MPa	[12.35%]
180°	46	-2.70 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-64.74 MPa	[21.16%]
180°	47	-4.15 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-90.06 MPa	[29.43%]
180°	48	-5.29 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-110.23 MPa	[36.02%]
180°	49	-6.36 kNm	550.18 mm	0.00 kNm	-0.07 kNm	163.00 mm	-129.46 MPa	[42.31%]
180°	50	-7.05 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-141.96 MPa	[46.39%]
180°	51	-7.72 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-153.98 MPa	[50.32%]
180°	52	-7.94 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-158.29 MPa	[51.73%]

NORTH WEST WIND

ANGLE	FACE	BOLT M*	EFF. WIDTH	BEARING Mx*	BEARING My*	EDGE	STRESS	UTILISATION
180°	01	-8.96 kNm	550.18 mm	0.00 kNm	-0.10 kNm	163.00 mm	-178.55 MPa	[58.35%]
180°	02	-8.70 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-174.13 MPa	[56.91%]
180°	03	-8.45 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-169.40 MPa	[55.36%]
180°	04	-7.71 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-156.22 MPa	[51.05%]
180°	05	-6.97 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-142.50 MPa	[46.57%]
180°	06	-5.78 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-121.40 MPa	[39.67%]
180°	07	-4.54 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-99.27 MPa	[32.44%]
180°	08	-2.95 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-71.50 MPa	[23.36%]
180°	09	-1.21 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-41.92 MPa	[13.70%]
180°	10	0.74 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-14.15 MPa	[4.62%]
180°	11	2.91 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.47 MPa	[2.77%]
180°	12	5.11 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.85 MPa	[4.52%]
180°	13	7.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.13 MPa	[7.23%]
180°	14	9.92 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.86 MPa	[8.78%]
180°	15	12.58 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	36.57 MPa	[11.95%]
180°	16	14.81 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	40.09 MPa	[13.10%]
180°	17	17.44 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	50.72 MPa	[16.58%]
180°	18	19.42 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	52.58 MPa	[17.18%]
180°	19	21.88 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	63.62 MPa	[20.79%]
180°	20	23.48 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.57 MPa	[20.78%]
180°	21	25.63 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.53 MPa	[24.36%]
180°	22	26.76 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	72.43 MPa	[23.67%]
180°	23	28.47 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	82.81 MPa	[27.06%]
180°	24	29.05 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	78.64 MPa	[25.70%]
180°	25	30.25 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	87.98 MPa	[28.75%]
180°	26	30.23 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	81.83 MPa	[26.74%]
180°	27	30.86 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	89.73 MPa	[29.32%]
180°	28	30.23 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	81.83 MPa	[26.74%]
180°	29	30.25 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	87.98 MPa	[28.75%]
180°	30	29.05 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	78.64 MPa	[25.70%]
180°	31	28.47 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	82.81 MPa	[27.06%]
180°	32	26.76 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	72.43 MPa	[23.67%]
180°	33	25.63 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	74.53 MPa	[24.36%]
180°	34	23.48 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	63.57 MPa	[20.78%]
180°	35	21.88 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	63.62 MPa	[20.79%]
180°	36	19.42 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	52.58 MPa	[17.18%]
180°	37	17.44 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	50.72 MPa	[16.58%]
180°	38	14.81 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	40.09 MPa	[13.10%]
180°	39	12.58 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	36.57 MPa	[11.95%]
180°	40	9.92 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.86 MPa	[8.78%]
180°	41	7.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.13 MPa	[7.23%]
180°	42	5.11 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.85 MPa	[4.52%]
180°	43	2.91 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.47 MPa	[2.77%]
180°	44	0.74 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-14.15 MPa	[4.62%]
180°	45	-1.21 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-41.92 MPa	[13.70%]
180°	46	-2.95 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-71.50 MPa	[23.36%]
180°	47	-4.54 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-99.27 MPa	[32.44%]
180°	48	-5.78 kNm	591.05 mm	0.00 kNm	-0.07 kNm	163.00 mm	-121.40 MPa	[39.67%]
180°	49	-6.97 kNm	550.18 mm	0.00 kNm	-0.08 kNm	163.00 mm	-142.50 MPa	[46.57%]
180°	50	-7.71 kNm	591.05 mm	0.00 kNm	-0.08 kNm	163.00 mm	-156.22 MPa	[51.05%]
180°	51	-8.45 kNm	550.18 mm	0.00 kNm	-0.09 kNm	163.00 mm	-169.40 MPa	[55.36%]
180°	52	-8.70 kNm	591.05 mm	0.00 kNm	-0.09 kNm	163.00 mm	-174.13 MPa	[56.91%]

LOAD CASE 4: G + Ps + Ws

NORTH WIND

ANGLE	FACE	BOLT M	EFF. WIDTH	BEARING Mx	BEARING My	EDGE	STRESS	UTILISATION
180°	01	-3.46 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-66.35 MPa	[21.68%]
180°	02	-3.36 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-64.68 MPa	[21.14%]
180°	03	-3.27 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-62.94 MPa	[20.57%]
180°	04	-2.99 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-58.00 MPa	[18.95%]
180°	05	-2.72 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-52.91 MPa	[17.29%]
180°	06	-2.27 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-45.01 MPa	[14.71%]
180°	07	-1.81 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-36.79 MPa	[12.02%]

180°	08	-1.22 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-26.41 MPa	[8.63%]
180°	09	-0.58 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-15.42 MPa	[5.04%]
180°	10	0.15 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-5.24 MPa	[1.71%]
180°	11	0.95 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.77 MPa	[0.91%]
180°	12	1.77 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	4.80 MPa	[1.57%]
180°	13	2.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.85 MPa	[2.57%]
180°	14	3.56 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	9.64 MPa	[3.15%]
180°	15	4.55 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.23 MPa	[4.32%]
180°	16	5.38 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	14.57 MPa	[4.76%]
180°	17	6.36 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	18.51 MPa	[6.05%]
180°	18	7.10 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	19.23 MPa	[6.29%]
180°	19	8.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	23.32 MPa	[7.62%]
180°	20	8.62 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	23.33 MPa	[7.63%]
180°	21	9.42 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	27.39 MPa	[8.95%]
180°	22	9.84 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.64 MPa	[8.70%]
180°	23	10.48 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	30.47 MPa	[9.96%]
180°	24	10.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.95 MPa	[9.46%]
180°	25	11.14 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.40 MPa	[10.59%]
180°	26	11.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.14 MPa	[9.85%]
180°	27	11.37 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	33.05 MPa	[10.80%]
180°	28	11.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.14 MPa	[9.85%]
180°	29	11.14 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.40 MPa	[10.59%]
180°	30	10.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.95 MPa	[9.46%]
180°	31	10.48 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	30.47 MPa	[9.96%]
180°	32	9.84 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.64 MPa	[8.70%]
180°	33	9.42 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	27.39 MPa	[8.95%]
180°	34	8.62 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	23.33 MPa	[7.63%]
180°	35	8.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	23.32 MPa	[7.62%]
180°	36	7.10 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	19.23 MPa	[6.29%]
180°	37	6.36 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	18.51 MPa	[6.05%]
180°	38	5.38 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	14.57 MPa	[4.76%]
180°	39	4.55 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.23 MPa	[4.32%]
180°	40	3.56 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	9.64 MPa	[3.15%]
180°	41	2.70 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.85 MPa	[2.57%]
180°	42	1.77 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	4.80 MPa	[1.57%]
180°	43	0.95 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.77 MPa	[0.91%]
180°	44	0.15 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-5.24 MPa	[1.71%]
180°	45	-0.58 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-15.42 MPa	[5.04%]
180°	46	-1.22 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-26.41 MPa	[8.63%]
180°	47	-1.81 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-36.79 MPa	[12.02%]
180°	48	-2.27 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-45.01 MPa	[14.71%]
180°	49	-2.72 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-52.91 MPa	[17.29%]
180°	50	-2.99 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-58.00 MPa	[18.95%]
180°	51	-3.27 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-62.94 MPa	[20.57%]
180°	52	-3.36 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-64.68 MPa	[21.14%]

NORTH EAST WIND

ANGLE	FACE	BOLT M	EFF. WIDTH	BEARING Mx	BEARING My	EDGE	STRESS	UTILISATION
180°	01	-3.28 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-62.73 MPa	[20.50%]
180°	02	-3.19 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.14 MPa	[19.98%]
180°	03	-3.10 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-59.50 MPa	[19.45%]
180°	04	-2.84 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-54.83 MPa	[17.92%]
180°	05	-2.58 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-50.02 MPa	[16.35%]
180°	06	-2.16 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-42.56 MPa	[13.91%]
180°	07	-1.72 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-34.80 MPa	[11.37%]
180°	08	-1.16 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-24.99 MPa	[8.17%]
180°	09	-0.56 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-14.60 MPa	[4.77%]
180°	10	0.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-4.98 MPa	[1.63%]
180°	11	0.89 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.58 MPa	[0.84%]
180°	12	1.66 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	4.51 MPa	[1.47%]
180°	13	2.54 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.38 MPa	[2.41%]
180°	14	3.35 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	9.08 MPa	[2.97%]
180°	15	4.29 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	12.47 MPa	[4.07%]
180°	16	5.08 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.74 MPa	[4.49%]
180°	17	6.00 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	17.45 MPa	[5.70%]
180°	18	6.70 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	18.14 MPa	[5.93%]
180°	19	7.56 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.00 MPa	[7.19%]
180°	20	8.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	22.02 MPa	[7.19%]
180°	21	8.89 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	25.84 MPa	[8.45%]
180°	22	9.29 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.14 MPa	[8.21%]
180°	23	9.89 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.76 MPa	[9.40%]
180°	24	10.09 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	27.33 MPa	[8.93%]
180°	25	10.52 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	30.58 MPa	[9.99%]
180°	26	10.51 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.45 MPa	[9.30%]
180°	27	10.73 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	31.20 MPa	[10.20%]
180°	28	10.51 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.45 MPa	[9.30%]
180°	29	10.52 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	30.58 MPa	[9.99%]
180°	30	10.09 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	27.33 MPa	[8.93%]
180°	31	9.89 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.76 MPa	[9.40%]
180°	32	9.29 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.14 MPa	[8.21%]
180°	33	8.89 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	25.84 MPa	[8.45%]
180°	34	8.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	22.02 MPa	[7.19%]
180°	35	7.56 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.00 MPa	[7.19%]
180°	36	6.70 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	18.14 MPa	[5.93%]
180°	37	6.00 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	17.45 MPa	[5.70%]
180°	38	5.08 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.74 MPa	[4.49%]
180°	39	4.29 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	12.47 MPa	[4.07%]
180°	40	3.35 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	9.08 MPa	[2.97%]
180°	41	2.54 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.38 MPa	[2.41%]
180°	42	1.66 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	4.51 MPa	[1.47%]
180°	43	0.89 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.58 MPa	[0.84%]
180°	44	0.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-4.98 MPa	[1.63%]
180°	45	-0.56 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-14.60 MPa	[4.77%]
180°	46	-1.16 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-24.99 MPa	[8.17%]
180°	47	-1.72 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-34.80 MPa	[11.37%]
180°	48	-2.16 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-42.56 MPa	[13.91%]
180°	49	-2.58 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-50.02 MPa	[16.35%]
180°	50	-2.84 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-54.83 MPa	[17.92%]
180°	51	-3.10 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-59.50 MPa	[19.45%]
180°	52	-3.19 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.14 MPa	[19.98%]

EAST WIND

ANGLE	FACE	BOLT M	EFF. WIDTH	BEARING Mx	BEARING My	EDGE	STRESS	UTILISATION
180°	01	-4.18 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-80.64 MPa	[26.35%]
180°	02	-4.06 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-78.61 MPa	[25.69%]
180°	03	-3.95 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-76.48 MPa	[24.99%]

180°	04	-3.61 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-70.45 MPa	[23.02%]
180°	05	-3.28 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-64.23 MPa	[20.99%]
180°	06	-2.74 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-54.60 MPa	[17.84%]
180°	07	-2.17 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-44.56 MPa	[14.56%]
180°	08	-1.45 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-31.89 MPa	[10.42%]
180°	09	-0.66 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-18.47 MPa	[6.03%]
180°	10	0.22 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-6.12 MPa	[2.00%]
180°	11	1.21 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	3.51 MPa	[1.15%]
180°	12	2.21 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	5.98 MPa	[1.96%]
180°	13	3.34 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	9.72 MPa	[3.18%]
180°	14	4.40 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	11.90 MPa	[3.89%]
180°	15	5.60 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	16.29 MPa	[5.32%]
180°	16	6.62 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	17.92 MPa	[5.86%]
180°	17	7.82 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.73 MPa	[7.43%]
180°	18	8.72 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	23.60 MPa	[7.71%]
180°	19	9.84 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.60 MPa	[9.35%]
180°	20	10.57 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.61 MPa	[9.35%]
180°	21	11.54 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	33.57 MPa	[10.97%]
180°	22	12.06 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	32.64 MPa	[10.67%]
180°	23	12.84 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	37.34 MPa	[12.20%]
180°	24	13.10 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	35.47 MPa	[11.59%]
180°	25	13.65 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	39.69 MPa	[12.97%]
180°	26	13.64 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.92 MPa	[12.07%]
180°	27	13.92 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	40.49 MPa	[13.23%]
180°	28	13.64 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.92 MPa	[12.07%]
180°	29	13.65 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	39.69 MPa	[12.97%]
180°	30	13.10 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	35.47 MPa	[11.59%]
180°	31	12.84 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	37.34 MPa	[12.20%]
180°	32	12.06 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	32.64 MPa	[10.67%]
180°	33	11.54 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	33.57 MPa	[10.97%]
180°	34	10.57 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.61 MPa	[9.35%]
180°	35	9.84 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.60 MPa	[9.35%]
180°	36	8.72 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	23.60 MPa	[7.71%]
180°	37	7.82 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.73 MPa	[7.43%]
180°	38	6.62 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	17.92 MPa	[5.86%]
180°	39	5.60 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	16.29 MPa	[5.32%]
180°	40	4.40 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	11.90 MPa	[3.89%]
180°	41	3.34 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	9.72 MPa	[3.18%]
180°	42	2.21 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	5.98 MPa	[1.96%]
180°	43	1.21 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	3.51 MPa	[1.15%]
180°	44	0.22 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-6.12 MPa	[2.00%]
180°	45	-0.66 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-18.47 MPa	[6.03%]
180°	46	-1.45 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-31.89 MPa	[10.42%]
180°	47	-2.17 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-44.56 MPa	[14.56%]
180°	48	-2.74 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-54.60 MPa	[17.84%]
180°	49	-3.28 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-64.23 MPa	[20.99%]
180°	50	-3.61 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-70.45 MPa	[23.02%]
180°	51	-3.95 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-76.48 MPa	[24.99%]
180°	52	-4.06 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-78.61 MPa	[25.69%]

SOUTH EAST WIND

ANGLE	FACE	BOLT M	EFF. WIDTH	BEARING Mx	BEARING My	EDGE	STRESS	UTILISATION
180°	01	-5.77 kNm	550.18 mm	0.00 kNm	-0.06 kNm	163.00 mm	-112.48 MPa	[36.76%]
180°	02	-5.61 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-109.65 MPa	[35.83%]
180°	03	-5.45 kNm	550.18 mm	0.00 kNm	-0.06 kNm	163.00 mm	-106.66 MPa	[34.86%]
180°	04	-4.98 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-98.26 MPa	[32.11%]
180°	05	-4.51 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-89.55 MPa	[29.26%]
180°	06	-3.75 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-76.11 MPa	[24.87%]
180°	07	-2.96 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-62.05 MPa	[20.28%]
180°	08	-1.95 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-44.37 MPa	[14.50%]
180°	09	-0.85 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-25.58 MPa	[8.36%]
180°	10	0.39 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-8.34 MPa	[2.72%]
180°	11	1.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	5.14 MPa	[1.68%]
180°	12	3.17 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	8.58 MPa	[2.80%]
180°	13	4.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.83 MPa	[4.52%]
180°	14	6.23 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	16.85 MPa	[5.51%]
180°	15	7.91 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	23.01 MPa	[7.52%]
180°	16	9.33 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.27 MPa	[8.26%]
180°	17	11.01 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.01 MPa	[10.46%]
180°	18	12.27 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	33.21 MPa	[10.85%]
180°	19	13.83 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	40.22 MPa	[13.14%]
180°	20	14.85 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	40.21 MPa	[13.14%]
180°	21	16.21 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	47.16 MPa	[15.41%]
180°	22	16.93 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	45.84 MPa	[14.98%]
180°	23	18.03 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	52.42 MPa	[17.13%]
180°	24	18.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	49.79 MPa	[16.27%]
180°	25	19.16 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	55.71 MPa	[18.21%]
180°	26	19.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	51.82 MPa	[16.94%]
180°	27	19.54 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	56.83 MPa	[18.57%]
180°	28	19.14 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	51.82 MPa	[16.94%]
180°	29	19.16 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	55.71 MPa	[18.21%]
180°	30	18.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	49.79 MPa	[16.27%]
180°	31	18.03 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	52.42 MPa	[17.13%]
180°	32	16.93 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	45.84 MPa	[14.98%]
180°	33	16.21 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	47.16 MPa	[15.41%]
180°	34	14.85 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	40.21 MPa	[13.14%]
180°	35	13.83 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	40.22 MPa	[13.14%]
180°	36	12.27 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	33.21 MPa	[10.85%]
180°	37	11.01 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.01 MPa	[10.46%]
180°	38	9.33 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.27 MPa	[8.26%]
180°	39	7.91 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	23.01 MPa	[7.52%]
180°	40	6.23 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	16.85 MPa	[5.51%]
180°	41	4.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.83 MPa	[4.52%]
180°	42	3.17 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	8.58 MPa	[2.80%]
180°	43	1.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	5.14 MPa	[1.68%]
180°	44	0.39 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-8.34 MPa	[2.72%]
180°	45	-0.85 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-25.58 MPa	[8.36%]
180°	46	-1.95 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-44.37 MPa	[14.50%]
180°	47	-2.96 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-62.05 MPa	[20.28%]
180°	48	-3.75 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-76.11 MPa	[24.87%]
180°	49	-4.51 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-89.55 MPa	[29.26%]
180°	50	-4.98 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-98.26 MPa	[32.11%]
180°	51	-5.45 kNm	550.18 mm	0.00 kNm	-0.06 kNm	163.00 mm	-106.66 MPa	[34.86%]
180°	52	-5.61 kNm	591.05 mm	0.00 kNm	-0.06 kNm	163.00 mm	-109.65 MPa	[35.83%]

SOUTH WIND

ANGLE	FACE	BOLT M	EFF. WIDTH	BEARING Mx	BEARING My	EDGE	STRESS	UTILISATION

180°	01	-4.66 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-90.23 MPa	[29.49%]
180°	02	-4.53 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-87.95 MPa	[28.74%]
180°	03	-4.40 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-85.57 MPa	[27.96%]
180°	04	-4.03 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-78.82 MPa	[25.76%]
180°	05	-3.65 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-71.86 MPa	[23.48%]
180°	06	-3.04 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.08 MPa	[19.96%]
180°	07	-2.41 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-49.83 MPa	[16.28%]
180°	08	-1.60 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-35.65 MPa	[11.65%]
180°	09	-0.72 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-20.61 MPa	[6.73%]
180°	10	0.27 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-6.79 MPa	[2.22%]
180°	11	1.38 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	4.00 MPa	[1.31%]
180°	12	2.50 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	6.76 MPa	[2.21%]
180°	13	3.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	10.96 MPa	[3.58%]
180°	14	4.95 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.39 MPa	[4.38%]
180°	15	6.30 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	18.31 MPa	[5.98%]
180°	16	7.44 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	20.13 MPa	[6.58%]
180°	17	8.78 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	25.52 MPa	[8.34%]
180°	18	9.79 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.50 MPa	[8.66%]
180°	19	11.04 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.10 MPa	[10.49%]
180°	20	11.86 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	32.10 MPa	[10.49%]
180°	21	12.95 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	37.66 MPa	[12.31%]
180°	22	13.53 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.62 MPa	[11.97%]
180°	23	14.40 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	41.88 MPa	[13.69%]
180°	24	14.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	39.78 MPa	[13.00%]
180°	25	15.31 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	44.51 MPa	[14.55%]
180°	26	15.30 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	41.41 MPa	[13.53%]
180°	27	15.61 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	45.41 MPa	[14.84%]
180°	28	15.30 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	41.41 MPa	[13.53%]
180°	29	15.31 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	44.51 MPa	[14.55%]
180°	30	14.69 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	39.78 MPa	[13.00%]
180°	31	14.40 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	41.88 MPa	[13.69%]
180°	32	13.53 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	36.62 MPa	[11.97%]
180°	33	12.95 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	37.66 MPa	[12.31%]
180°	34	11.86 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	32.10 MPa	[10.49%]
180°	35	11.04 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.10 MPa	[10.49%]
180°	36	9.79 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	26.50 MPa	[8.66%]
180°	37	8.78 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	25.52 MPa	[8.34%]
180°	38	7.44 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	20.13 MPa	[6.58%]
180°	39	6.30 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	18.31 MPa	[5.98%]
180°	40	4.95 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.39 MPa	[4.38%]
180°	41	3.77 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	10.96 MPa	[3.58%]
180°	42	2.50 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	6.76 MPa	[2.21%]
180°	43	1.38 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	4.00 MPa	[1.31%]
180°	44	0.27 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-6.79 MPa	[2.22%]
180°	45	-0.72 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-20.61 MPa	[6.73%]
180°	46	-1.60 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-35.65 MPa	[11.65%]
180°	47	-2.41 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-49.83 MPa	[16.28%]
180°	48	-3.04 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.08 MPa	[19.96%]
180°	49	-3.65 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-71.86 MPa	[23.48%]
180°	50	-4.03 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-78.82 MPa	[25.76%]
180°	51	-4.40 kNm	550.18 mm	0.00 kNm	-0.05 kNm	163.00 mm	-85.57 MPa	[27.96%]
180°	52	-4.53 kNm	591.05 mm	0.00 kNm	-0.05 kNm	163.00 mm	-87.95 MPa	[28.74%]

SOUTH WEST WIND

ANGLE	FACE	BOLT M	EFF. WIDTH	BEARING Mx	BEARING My	EDGE	STRESS	UTILISATION
180°	01	-3.65 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-70.18 MPa	[22.93%]
180°	02	-3.55 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-68.41 MPa	[22.36%]
180°	03	-3.45 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-66.57 MPa	[21.75%]
180°	04	-3.16 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.34 MPa	[20.05%]
180°	05	-2.86 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-55.95 MPa	[18.29%]
180°	06	-2.40 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-47.60 MPa	[15.56%]
180°	07	-1.91 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-38.90 MPa	[12.71%]
180°	08	-1.28 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-27.92 MPa	[9.12%]
180°	09	-0.60 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-16.29 MPa	[5.32%]
180°	10	0.17 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-5.51 MPa	[1.80%]
180°	11	1.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.96 MPa	[0.97%]
180°	12	1.89 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	5.11 MPa	[1.67%]
180°	13	2.87 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.34 MPa	[2.73%]
180°	14	3.78 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	10.24 MPa	[3.35%]
180°	15	4.83 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	14.03 MPa	[4.59%]
180°	16	5.71 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	15.45 MPa	[5.05%]
180°	17	6.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.62 MPa	[6.41%]
180°	18	7.53 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	20.38 MPa	[6.66%]
180°	19	8.50 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	24.71 MPa	[8.07%]
180°	20	9.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.72 MPa	[8.08%]
180°	21	9.98 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	29.01 MPa	[9.48%]
180°	22	10.42 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.22 MPa	[9.22%]
180°	23	11.10 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.28 MPa	[10.55%]
180°	24	11.33 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.67 MPa	[10.02%]
180°	25	11.80 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.32 MPa	[11.22%]
180°	26	11.79 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	31.93 MPa	[10.43%]
180°	27	12.04 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	35.01 MPa	[11.44%]
180°	28	11.79 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	31.93 MPa	[10.43%]
180°	29	11.80 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.32 MPa	[11.22%]
180°	30	11.33 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.67 MPa	[10.02%]
180°	31	11.10 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.28 MPa	[10.55%]
180°	32	10.42 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.22 MPa	[9.22%]
180°	33	9.98 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	29.01 MPa	[9.48%]
180°	34	9.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.72 MPa	[8.08%]
180°	35	8.50 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	24.71 MPa	[8.07%]
180°	36	7.53 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	20.38 MPa	[6.66%]
180°	37	6.75 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.62 MPa	[6.41%]
180°	38	5.71 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	15.45 MPa	[5.05%]
180°	39	4.83 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	14.03 MPa	[4.59%]
180°	40	3.78 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	10.24 MPa	[3.35%]
180°	41	2.87 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.34 MPa	[2.73%]
180°	42	1.89 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	5.11 MPa	[1.67%]
180°	43	1.02 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.96 MPa	[0.97%]
180°	44	0.17 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-5.51 MPa	[1.80%]
180°	45	-0.60 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-16.29 MPa	[5.32%]
180°	46	-1.28 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-27.92 MPa	[9.12%]
180°	47	-1.91 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-38.90 MPa	[12.71%]
180°	48	-2.40 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-47.60 MPa	[15.56%]
180°	49	-2.86 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-55.95 MPa	[18.29%]
180°	50	-3.16 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.34 MPa	[20.05%]
180°	51	-3.45 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-66.57 MPa	[21.75%]
180°	52	-3.55 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-68.41 MPa	[22.36%]

WEST WIND

ANGLE	FACE	BOLT M	EFF. WIDTH	BEARING Mx	BEARING My	EDGE	STRESS	UTILISATION
180°	01	-3.31 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-63.33 MPa	[20.70%]
180°	02	-3.22 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.73 MPa	[20.17%]
180°	03	-3.13 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-60.08 MPa	[19.63%]
180°	04	-2.86 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-55.36 MPa	[18.09%]
180°	05	-2.60 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-50.51 MPa	[16.50%]
180°	06	-2.18 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-42.97 MPa	[14.04%]
180°	07	-1.74 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-35.13 MPa	[11.48%]
180°	08	-1.17 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-25.22 MPa	[8.24%]
180°	09	-0.56 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-14.74 MPa	[4.82%]
180°	10	0.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-5.02 MPa	[1.64%]
180°	11	0.90 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.62 MPa	[0.85%]
180°	12	1.68 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	4.56 MPa	[1.49%]
180°	13	2.57 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.46 MPa	[2.44%]
180°	14	3.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	9.17 MPa	[3.00%]
180°	15	4.33 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	12.59 MPa	[4.12%]
180°	16	5.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.88 MPa	[4.54%]
180°	17	6.06 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	17.63 MPa	[5.76%]
180°	18	6.77 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	18.32 MPa	[5.99%]
180°	19	7.64 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.22 MPa	[7.26%]
180°	20	8.21 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	22.24 MPa	[7.27%]
180°	21	8.97 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	26.10 MPa	[8.53%]
180°	22	9.38 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.39 MPa	[8.30%]
180°	23	9.99 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	29.05 MPa	[9.49%]
180°	24	10.19 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	27.60 MPa	[9.02%]
180°	25	10.62 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	30.88 MPa	[10.09%]
180°	26	10.61 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.73 MPa	[9.39%]
180°	27	10.83 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	31.51 MPa	[10.30%]
180°	28	10.61 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.73 MPa	[9.39%]
180°	29	10.62 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	30.88 MPa	[10.09%]
180°	30	10.19 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	27.60 MPa	[9.02%]
180°	31	9.99 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	29.05 MPa	[9.49%]
180°	32	9.38 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	25.39 MPa	[8.30%]
180°	33	8.97 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	26.10 MPa	[8.53%]
180°	34	8.21 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	22.24 MPa	[7.27%]
180°	35	7.64 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	22.22 MPa	[7.26%]
180°	36	6.77 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	18.32 MPa	[5.99%]
180°	37	6.06 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	17.63 MPa	[5.76%]
180°	38	5.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	13.88 MPa	[4.54%]
180°	39	4.33 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	12.59 MPa	[4.12%]
180°	40	3.39 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	9.17 MPa	[3.00%]
180°	41	2.57 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	7.46 MPa	[2.44%]
180°	42	1.68 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	4.56 MPa	[1.49%]
180°	43	0.90 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.62 MPa	[0.85%]
180°	44	0.13 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-5.02 MPa	[1.64%]
180°	45	-0.56 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-14.74 MPa	[4.82%]
180°	46	-1.17 kNm	591.05 mm	0.00 kNm	-0.01 kNm	163.00 mm	-25.22 MPa	[8.24%]
180°	47	-1.74 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-35.13 MPa	[11.48%]
180°	48	-2.18 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-42.97 MPa	[14.04%]
180°	49	-2.60 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-50.51 MPa	[16.50%]
180°	50	-2.86 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-55.36 MPa	[18.09%]
180°	51	-3.13 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-60.08 MPa	[19.63%]
180°	52	-3.22 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.73 MPa	[20.17%]

NORTH WEST WIND

ANGLE	FACE	BOLT M	EFF. WIDTH	BEARING Mx	BEARING My	EDGE	STRESS	UTILISATION
180°	01	-3.63 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-69.83 MPa	[22.82%]
180°	02	-3.53 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-68.06 MPa	[22.24%]
180°	03	-3.43 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-66.24 MPa	[21.65%]
180°	04	-3.14 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.03 MPa	[19.94%]
180°	05	-2.85 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-55.67 MPa	[18.19%]
180°	06	-2.39 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-47.36 MPa	[15.48%]
180°	07	-1.90 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-38.71 MPa	[12.65%]
180°	08	-1.28 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-27.78 MPa	[9.08%]
180°	09	-0.60 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-16.21 MPa	[5.30%]
180°	10	0.17 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-5.48 MPa	[1.79%]
180°	11	1.01 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.95 MPa	[0.96%]
180°	12	1.88 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	5.08 MPa	[1.66%]
180°	13	2.85 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.30 MPa	[2.71%]
180°	14	3.76 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	10.18 MPa	[3.33%]
180°	15	4.80 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.96 MPa	[4.56%]
180°	16	5.68 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	15.37 MPa	[5.02%]
180°	17	6.71 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.52 MPa	[6.38%]
180°	18	7.49 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	20.28 MPa	[6.63%]
180°	19	8.45 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	24.58 MPa	[8.03%]
180°	20	9.09 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.59 MPa	[8.04%]
180°	21	9.92 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.86 MPa	[9.43%]
180°	22	10.37 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.07 MPa	[9.17%]
180°	23	11.04 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.11 MPa	[10.49%]
180°	24	11.27 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.51 MPa	[9.97%]
180°	25	11.74 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.14 MPa	[11.16%]
180°	26	11.73 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	31.76 MPa	[10.38%]
180°	27	11.98 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.83 MPa	[11.38%]
180°	28	11.73 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	31.76 MPa	[10.38%]
180°	29	11.74 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	34.14 MPa	[11.16%]
180°	30	11.27 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	30.51 MPa	[9.97%]
180°	31	11.04 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	32.11 MPa	[10.49%]
180°	32	10.37 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	28.07 MPa	[9.17%]
180°	33	9.92 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	28.86 MPa	[9.43%]
180°	34	9.09 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	24.59 MPa	[8.04%]
180°	35	8.45 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	24.58 MPa	[8.03%]
180°	36	7.49 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	20.28 MPa	[6.63%]
180°	37	6.71 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	19.52 MPa	[6.38%]
180°	38	5.68 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	15.37 MPa	[5.02%]
180°	39	4.80 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	13.96 MPa	[4.56%]
180°	40	3.76 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	10.18 MPa	[3.33%]
180°	41	2.85 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	8.30 MPa	[2.71%]
180°	42	1.88 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	5.08 MPa	[1.66%]
180°	43	1.01 kNm	550.18 mm	0.00 kNm	0.00 kNm	163.00 mm	2.95 MPa	[0.96%]
180°	44	0.17 kNm	591.05 mm	0.00 kNm	0.00 kNm	163.00 mm	-5.48 MPa	[1.79%]
180°	45	-0.60 kNm	550.18 mm	0.00 kNm	-0.01 kNm	163.00 mm	-16.21 MPa	[5.30%]
180°	46	-1.28 kNm	591.05 mm	0.00 kNm	-0.02 kNm	163.00 mm	-27.78 MPa	[9.08%]
180°	47	-1.90 kNm	550.18 mm	0.00 kNm	-0.02 kNm	163.00 mm	-38.71 MPa	[12.65%]
180°	48	-2.39 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-47.36 MPa	[15.48%]

180°	49	-2.85 kNm	550.18 mm	0.00 kNm	-0.03 kNm	163.00 mm	-55.67 MPa	[18.19%]
180°	50	-3.14 kNm	591.05 mm	0.00 kNm	-0.03 kNm	163.00 mm	-61.03 MPa	[19.94%]
180°	51	-3.43 kNm	550.18 mm	0.00 kNm	-0.04 kNm	163.00 mm	-66.24 MPa	[21.65%]
180°	52	-3.53 kNm	591.05 mm	0.00 kNm	-0.04 kNm	163.00 mm	-68.06 MPa	[22.24%]

BEARING

- Calculate grout pad bearing capacity (ϕfg).

$$\phi fg = \phi \times 0.9 \times f'c$$
$$= 0.6 \times 0.9 \times 40$$
$$= 21.60 \text{ MPa}$$

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-1.01 MPa	[4.70%]
90°	32	-0.21 MPa	-2.37 MPa	[10.96%]
90°	33	-1.10 MPa	-3.61 MPa	[16.72%]
90°	34	-1.89 MPa	-4.73 MPa	[21.89%]
90°	35	-2.58 MPa	-5.70 MPa	[26.40%]
90°	36	-3.17 MPa	-6.52 MPa	[30.19%]
90°	37	-3.63 MPa	-7.17 MPa	[33.19%]
90°	38	-3.96 MPa	-7.64 MPa	[35.37%]
90°	39	-4.16 MPa	-7.92 MPa	[36.69%]
90°	40	-4.23 MPa	-8.02 MPa	[37.13%]
90°	41	-4.16 MPa	-7.92 MPa	[36.69%]
90°	42	-3.96 MPa	-7.64 MPa	[35.37%]
90°	43	-3.63 MPa	-7.17 MPa	[33.19%]
90°	44	-3.17 MPa	-6.52 MPa	[30.19%]
90°	45	-2.58 MPa	-5.70 MPa	[26.40%]
90°	46	-1.89 MPa	-4.73 MPa	[21.89%]
90°	47	-1.10 MPa	-3.61 MPa	[16.72%]
90°	48	-0.21 MPa	-2.37 MPa	[10.96%]
90°	49	0.00 MPa	-1.01 MPa	[4.70%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

NORTH EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-0.94 MPa	[4.35%]
90°	32	-0.18 MPa	-2.22 MPa	[10.29%]
90°	33	-1.02 MPa	-3.40 MPa	[15.76%]
90°	34	-1.77 MPa	-4.46 MPa	[20.67%]

90°	35	-2.43 MPa	-5.39 MPa	[24.95%]
90°	36	-2.98 MPa	-6.16 MPa	[28.54%]
90°	37	-3.42 MPa	-6.78 MPa	[31.39%]
90°	38	-3.74 MPa	-7.23 MPa	[33.45%]
90°	39	-3.93 MPa	-7.50 MPa	[34.70%]
90°	40	-3.99 MPa	-7.59 MPa	[35.12%]
90°	41	-3.93 MPa	-7.50 MPa	[34.70%]
90°	42	-3.74 MPa	-7.23 MPa	[33.45%]
90°	43	-3.42 MPa	-6.78 MPa	[31.39%]
90°	44	-2.98 MPa	-6.16 MPa	[28.54%]
90°	45	-2.43 MPa	-5.39 MPa	[24.95%]
90°	46	-1.77 MPa	-4.46 MPa	[20.67%]
90°	47	-1.02 MPa	-3.40 MPa	[15.76%]
90°	48	-0.18 MPa	-2.22 MPa	[10.29%]
90°	49	0.00 MPa	-0.94 MPa	[4.35%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-1.25 MPa	[5.80%]
90°	32	-0.29 MPa	-2.89 MPa	[13.37%]
90°	33	-1.36 MPa	-4.39 MPa	[20.33%]
90°	34	-2.31 MPa	-5.74 MPa	[26.58%]
90°	35	-3.15 MPa	-6.92 MPa	[32.03%]
90°	36	-3.85 MPa	-7.91 MPa	[36.61%]
90°	37	-4.41 MPa	-8.69 MPa	[40.24%]
90°	38	-4.81 MPa	-9.26 MPa	[42.87%]
90°	39	-5.06 MPa	-9.60 MPa	[44.46%]
90°	40	-5.14 MPa	-9.72 MPa	[44.99%]
90°	41	-5.06 MPa	-9.60 MPa	[44.46%]
90°	42	-4.81 MPa	-9.26 MPa	[42.87%]
90°	43	-4.41 MPa	-8.69 MPa	[40.24%]
90°	44	-3.85 MPa	-7.91 MPa	[36.61%]
90°	45	-3.15 MPa	-6.92 MPa	[32.03%]
90°	46	-2.31 MPa	-5.74 MPa	[26.58%]
90°	47	-1.36 MPa	-4.39 MPa	[20.33%]
90°	48	-0.29 MPa	-2.89 MPa	[13.37%]
90°	49	0.00 MPa	-1.25 MPa	[5.80%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]

90°	31	0.00 MPa	-1.91 MPa	[8.83%]
90°	32	-0.58 MPa	-4.14 MPa	[19.17%]
90°	33	-2.05 MPa	-6.20 MPa	[28.69%]
90°	34	-3.36 MPa	-8.04 MPa	[37.24%]
90°	35	-4.50 MPa	-9.65 MPa	[44.70%]
90°	36	-5.46 MPa	-11.01 MPa	[50.95%]
90°	37	-6.22 MPa	-12.08 MPa	[55.92%]
90°	38	-6.78 MPa	-12.85 MPa	[59.51%]
90°	39	-7.11 MPa	-13.33 MPa	[61.69%]
90°	40	-7.22 MPa	-13.48 MPa	[62.42%]
90°	41	-7.11 MPa	-13.33 MPa	[61.69%]
90°	42	-6.78 MPa	-12.85 MPa	[59.51%]
90°	43	-6.22 MPa	-12.08 MPa	[55.92%]
90°	44	-5.46 MPa	-11.01 MPa	[50.95%]
90°	45	-4.50 MPa	-9.65 MPa	[44.70%]
90°	46	-3.36 MPa	-8.04 MPa	[37.24%]
90°	47	-2.05 MPa	-6.20 MPa	[28.69%]
90°	48	-0.58 MPa	-4.14 MPa	[19.17%]
90°	49	0.00 MPa	-1.91 MPa	[8.83%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
0°	01	0.00 MPa	0.00 MPa	[0.00%]
0°	02	0.00 MPa	0.00 MPa	[0.00%]
0°	03	0.00 MPa	0.00 MPa	[0.00%]
0°	04	0.00 MPa	0.00 MPa	[0.00%]
0°	05	0.00 MPa	0.00 MPa	[0.00%]
0°	06	0.00 MPa	0.00 MPa	[0.00%]
0°	07	0.00 MPa	0.00 MPa	[0.00%]
0°	08	0.00 MPa	0.00 MPa	[0.00%]
0°	09	0.00 MPa	0.00 MPa	[0.00%]
0°	10	0.00 MPa	0.00 MPa	[0.00%]
0°	11	0.00 MPa	0.00 MPa	[0.00%]
0°	12	0.00 MPa	0.00 MPa	[0.00%]
0°	13	0.00 MPa	0.00 MPa	[0.00%]
0°	14	0.00 MPa	0.00 MPa	[0.00%]
0°	15	0.00 MPa	0.00 MPa	[0.00%]
0°	16	0.00 MPa	0.00 MPa	[0.00%]
0°	17	0.00 MPa	0.00 MPa	[0.00%]
0°	18	0.00 MPa	-1.45 MPa	[6.73%]
0°	19	-0.38 MPa	-3.27 MPa	[15.13%]
0°	20	-1.57 MPa	-4.94 MPa	[22.86%]
0°	21	-2.63 MPa	-6.44 MPa	[29.80%]
0°	22	-3.56 MPa	-7.74 MPa	[35.86%]
0°	23	-4.34 MPa	-8.84 MPa	[40.93%]
0°	24	-4.96 MPa	-9.71 MPa	[44.96%]
0°	25	-5.41 MPa	-10.34 MPa	[47.88%]
0°	26	-5.68 MPa	-10.72 MPa	[49.65%]
0°	27	-5.77 MPa	-10.85 MPa	[50.25%]
0°	28	-5.68 MPa	-10.72 MPa	[49.65%]
0°	29	-5.41 MPa	-10.34 MPa	[47.88%]
0°	30	-4.96 MPa	-9.71 MPa	[44.96%]
0°	31	-4.34 MPa	-8.84 MPa	[40.93%]
0°	32	-3.56 MPa	-7.74 MPa	[35.86%]
0°	33	-2.63 MPa	-6.44 MPa	[29.80%]
0°	34	-1.57 MPa	-4.94 MPa	[22.86%]
0°	35	-0.38 MPa	-3.27 MPa	[15.13%]
0°	36	0.00 MPa	-1.45 MPa	[6.73%]
0°	37	0.00 MPa	0.00 MPa	[0.00%]
0°	38	0.00 MPa	0.00 MPa	[0.00%]
0°	39	0.00 MPa	0.00 MPa	[0.00%]
0°	40	0.00 MPa	0.00 MPa	[0.00%]
0°	41	0.00 MPa	0.00 MPa	[0.00%]
0°	42	0.00 MPa	0.00 MPa	[0.00%]
0°	43	0.00 MPa	0.00 MPa	[0.00%]
0°	44	0.00 MPa	0.00 MPa	[0.00%]
0°	45	0.00 MPa	0.00 MPa	[0.00%]
0°	46	0.00 MPa	0.00 MPa	[0.00%]
0°	47	0.00 MPa	0.00 MPa	[0.00%]
0°	48	0.00 MPa	0.00 MPa	[0.00%]
0°	49	0.00 MPa	0.00 MPa	[0.00%]
0°	50	0.00 MPa	0.00 MPa	[0.00%]
0°	51	0.00 MPa	0.00 MPa	[0.00%]
0°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
270°	01	0.00 MPa	0.00 MPa	[0.00%]
270°	02	0.00 MPa	0.00 MPa	[0.00%]
270°	03	0.00 MPa	0.00 MPa	[0.00%]
270°	04	0.00 MPa	0.00 MPa	[0.00%]
270°	05	0.00 MPa	-1.07 MPa	[4.96%]
270°	06	-0.23 MPa	-2.50 MPa	[11.58%]
270°	07	-1.16 MPa	-3.82 MPa	[17.66%]
270°	08	-2.00 MPa	-5.00 MPa	[23.13%]
270°	09	-2.73 MPa	-6.03 MPa	[27.90%]
270°	10	-3.35 MPa	-6.89 MPa	[31.90%]
270°	11	-3.83 MPa	-7.58 MPa	[35.07%]
270°	12	-4.18 MPa	-8.07 MPa	[37.37%]
270°	13	-4.40 MPa	-8.37 MPa	[38.77%]
270°	14	-4.47 MPa	-8.47 MPa	[39.23%]
270°	15	-4.40 MPa	-8.37 MPa	[38.77%]
270°	16	-4.18 MPa	-8.07 MPa	[37.37%]
270°	17	-3.83 MPa	-7.58 MPa	[35.07%]
270°	18	-3.35 MPa	-6.89 MPa	[31.90%]
270°	19	-2.73 MPa	-6.03 MPa	[27.90%]
270°	20	-2.00 MPa	-5.00 MPa	[23.13%]
270°	21	-1.16 MPa	-3.82 MPa	[17.66%]
270°	22	-0.23 MPa	-2.50 MPa	[11.58%]
270°	23	0.00 MPa	-1.07 MPa	[4.96%]
270°	24	0.00 MPa	0.00 MPa	[0.00%]
270°	25	0.00 MPa	0.00 MPa	[0.00%]
270°	26	0.00 MPa	0.00 MPa	[0.00%]

270°	27	0.00 MPa	0.00 MPa	[0.00%]
270°	28	0.00 MPa	0.00 MPa	[0.00%]
270°	29	0.00 MPa	0.00 MPa	[0.00%]
270°	30	0.00 MPa	0.00 MPa	[0.00%]
270°	31	0.00 MPa	0.00 MPa	[0.00%]
270°	32	0.00 MPa	0.00 MPa	[0.00%]
270°	33	0.00 MPa	0.00 MPa	[0.00%]
270°	34	0.00 MPa	0.00 MPa	[0.00%]
270°	35	0.00 MPa	0.00 MPa	[0.00%]
270°	36	0.00 MPa	0.00 MPa	[0.00%]
270°	37	0.00 MPa	0.00 MPa	[0.00%]
270°	38	0.00 MPa	0.00 MPa	[0.00%]
270°	39	0.00 MPa	0.00 MPa	[0.00%]
270°	40	0.00 MPa	0.00 MPa	[0.00%]
270°	41	0.00 MPa	0.00 MPa	[0.00%]
270°	42	0.00 MPa	0.00 MPa	[0.00%]
270°	43	0.00 MPa	0.00 MPa	[0.00%]
270°	44	0.00 MPa	0.00 MPa	[0.00%]
270°	45	0.00 MPa	0.00 MPa	[0.00%]
270°	46	0.00 MPa	0.00 MPa	[0.00%]
270°	47	0.00 MPa	0.00 MPa	[0.00%]
270°	48	0.00 MPa	0.00 MPa	[0.00%]
270°	49	0.00 MPa	0.00 MPa	[0.00%]
270°	50	0.00 MPa	0.00 MPa	[0.00%]
270°	51	0.00 MPa	0.00 MPa	[0.00%]
270°	52	0.00 MPa	0.00 MPa	[0.00%]

WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
270°	01	0.00 MPa	0.00 MPa	[0.00%]
270°	02	0.00 MPa	0.00 MPa	[0.00%]
270°	03	0.00 MPa	0.00 MPa	[0.00%]
270°	04	0.00 MPa	0.00 MPa	[0.00%]
270°	05	0.00 MPa	-0.95 MPa	[4.40%]
270°	06	-0.18 MPa	-2.24 MPa	[10.39%]
270°	07	-1.03 MPa	-3.44 MPa	[15.91%]
270°	08	-1.79 MPa	-4.51 MPa	[20.87%]
270°	09	-2.45 MPa	-5.44 MPa	[25.19%]
270°	10	-3.01 MPa	-6.22 MPa	[28.81%]
270°	11	-3.45 MPa	-6.85 MPa	[31.69%]
270°	12	-3.77 MPa	-7.30 MPa	[33.78%]
270°	13	-3.97 MPa	-7.57 MPa	[35.04%]
270°	14	-4.03 MPa	-7.66 MPa	[35.46%]
270°	15	-3.97 MPa	-7.57 MPa	[35.04%]
270°	16	-3.77 MPa	-7.30 MPa	[33.78%]
270°	17	-3.45 MPa	-6.85 MPa	[31.69%]
270°	18	-3.01 MPa	-6.22 MPa	[28.81%]
270°	19	-2.45 MPa	-5.44 MPa	[25.19%]
270°	20	-1.79 MPa	-4.51 MPa	[20.87%]
270°	21	-1.03 MPa	-3.44 MPa	[15.91%]
270°	22	-0.18 MPa	-2.24 MPa	[10.39%]
270°	23	0.00 MPa	-0.95 MPa	[4.40%]
270°	24	0.00 MPa	0.00 MPa	[0.00%]
270°	25	0.00 MPa	0.00 MPa	[0.00%]
270°	26	0.00 MPa	0.00 MPa	[0.00%]
270°	27	0.00 MPa	0.00 MPa	[0.00%]
270°	28	0.00 MPa	0.00 MPa	[0.00%]
270°	29	0.00 MPa	0.00 MPa	[0.00%]
270°	30	0.00 MPa	0.00 MPa	[0.00%]
270°	31	0.00 MPa	0.00 MPa	[0.00%]
270°	32	0.00 MPa	0.00 MPa	[0.00%]
270°	33	0.00 MPa	0.00 MPa	[0.00%]
270°	34	0.00 MPa	0.00 MPa	[0.00%]
270°	35	0.00 MPa	0.00 MPa	[0.00%]
270°	36	0.00 MPa	0.00 MPa	[0.00%]
270°	37	0.00 MPa	0.00 MPa	[0.00%]
270°	38	0.00 MPa	0.00 MPa	[0.00%]
270°	39	0.00 MPa	0.00 MPa	[0.00%]
270°	40	0.00 MPa	0.00 MPa	[0.00%]
270°	41	0.00 MPa	0.00 MPa	[0.00%]
270°	42	0.00 MPa	0.00 MPa	[0.00%]
270°	43	0.00 MPa	0.00 MPa	[0.00%]
270°	44	0.00 MPa	0.00 MPa	[0.00%]
270°	45	0.00 MPa	0.00 MPa	[0.00%]
270°	46	0.00 MPa	0.00 MPa	[0.00%]
270°	47	0.00 MPa	0.00 MPa	[0.00%]
270°	48	0.00 MPa	0.00 MPa	[0.00%]
270°	49	0.00 MPa	0.00 MPa	[0.00%]
270°	50	0.00 MPa	0.00 MPa	[0.00%]
270°	51	0.00 MPa	0.00 MPa	[0.00%]
270°	52	0.00 MPa	0.00 MPa	[0.00%]

NORTH WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
270°	01	0.00 MPa	0.00 MPa	[0.00%]
270°	02	0.00 MPa	0.00 MPa	[0.00%]
270°	03	0.00 MPa	0.00 MPa	[0.00%]
270°	04	0.00 MPa	0.00 MPa	[0.00%]
270°	05	0.00 MPa	-1.07 MPa	[4.94%]
270°	06	-0.23 MPa	-2.49 MPa	[11.52%]
270°	07	-1.15 MPa	-3.80 MPa	[17.58%]
270°	08	-1.99 MPa	-4.97 MPa	[23.01%]
270°	09	-2.72 MPa	-6.00 MPa	[27.76%]
270°	10	-3.33 MPa	-6.86 MPa	[31.74%]
270°	11	-3.81 MPa	-7.54 MPa	[34.89%]
270°	12	-4.16 MPa	-8.03 MPa	[37.18%]
270°	13	-4.38 MPa	-8.33 MPa	[38.57%]
270°	14	-4.45 MPa	-8.43 MPa	[39.03%]
270°	15	-4.38 MPa	-8.33 MPa	[38.57%]
270°	16	-4.16 MPa	-8.03 MPa	[37.18%]
270°	17	-3.81 MPa	-7.54 MPa	[34.89%]
270°	18	-3.33 MPa	-6.86 MPa	[31.74%]
270°	19	-2.72 MPa	-6.00 MPa	[27.76%]
270°	20	-1.99 MPa	-4.97 MPa	[23.01%]
270°	21	-1.15 MPa	-3.80 MPa	[17.58%]
270°	22	-0.23 MPa	-2.49 MPa	[11.52%]

270°	23	0.00 MPa	-1.07 MPa	[4.94%]
270°	24	0.00 MPa	0.00 MPa	[0.00%]
270°	25	0.00 MPa	0.00 MPa	[0.00%]
270°	26	0.00 MPa	0.00 MPa	[0.00%]
270°	27	0.00 MPa	0.00 MPa	[0.00%]
270°	28	0.00 MPa	0.00 MPa	[0.00%]
270°	29	0.00 MPa	0.00 MPa	[0.00%]
270°	30	0.00 MPa	0.00 MPa	[0.00%]
270°	31	0.00 MPa	0.00 MPa	[0.00%]
270°	32	0.00 MPa	0.00 MPa	[0.00%]
270°	33	0.00 MPa	0.00 MPa	[0.00%]
270°	34	0.00 MPa	0.00 MPa	[0.00%]
270°	35	0.00 MPa	0.00 MPa	[0.00%]
270°	36	0.00 MPa	0.00 MPa	[0.00%]
270°	37	0.00 MPa	0.00 MPa	[0.00%]
270°	38	0.00 MPa	0.00 MPa	[0.00%]
270°	39	0.00 MPa	0.00 MPa	[0.00%]
270°	40	0.00 MPa	0.00 MPa	[0.00%]
270°	41	0.00 MPa	0.00 MPa	[0.00%]
270°	42	0.00 MPa	0.00 MPa	[0.00%]
270°	43	0.00 MPa	0.00 MPa	[0.00%]
270°	44	0.00 MPa	0.00 MPa	[0.00%]
270°	45	0.00 MPa	0.00 MPa	[0.00%]
270°	46	0.00 MPa	0.00 MPa	[0.00%]
270°	47	0.00 MPa	0.00 MPa	[0.00%]
270°	48	0.00 MPa	0.00 MPa	[0.00%]
270°	49	0.00 MPa	0.00 MPa	[0.00%]
270°	50	0.00 MPa	0.00 MPa	[0.00%]
270°	51	0.00 MPa	0.00 MPa	[0.00%]
270°	52	0.00 MPa	0.00 MPa	[0.00%]

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-1.06 MPa	[4.91%]
90°	32	-0.26 MPa	-2.41 MPa	[11.17%]
90°	33	-1.14 MPa	-3.66 MPa	[16.93%]
90°	34	-1.94 MPa	-4.77 MPa	[22.11%]
90°	35	-2.63 MPa	-5.75 MPa	[26.62%]
90°	36	-3.21 MPa	-6.57 MPa	[30.40%]
90°	37	-3.67 MPa	-7.22 MPa	[33.41%]
90°	38	-4.01 MPa	-7.69 MPa	[35.58%]
90°	39	-4.21 MPa	-7.97 MPa	[36.90%]
90°	40	-4.28 MPa	-8.07 MPa	[37.34%]
90°	41	-4.21 MPa	-7.97 MPa	[36.90%]
90°	42	-4.01 MPa	-7.69 MPa	[35.58%]
90°	43	-3.67 MPa	-7.22 MPa	[33.41%]
90°	44	-3.21 MPa	-6.57 MPa	[30.40%]
90°	45	-2.63 MPa	-5.75 MPa	[26.62%]
90°	46	-1.94 MPa	-4.77 MPa	[22.11%]
90°	47	-1.14 MPa	-3.66 MPa	[16.93%]
90°	48	-0.26 MPa	-2.41 MPa	[11.17%]
90°	49	0.00 MPa	-1.06 MPa	[4.91%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

NORTH EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
270°	01	0.00 MPa	0.00 MPa	[0.00%]
270°	02	0.00 MPa	0.00 MPa	[0.00%]
270°	03	0.00 MPa	0.00 MPa	[0.00%]
270°	04	0.00 MPa	0.00 MPa	[0.00%]
270°	05	0.00 MPa	-1.01 MPa	[4.66%]
270°	06	-0.25 MPa	-2.29 MPa	[10.60%]
270°	07	-1.09 MPa	-3.47 MPa	[16.07%]
270°	08	-1.84 MPa	-4.53 MPa	[20.98%]
270°	09	-2.50 MPa	-5.46 MPa	[25.26%]
270°	10	-3.05 MPa	-6.23 MPa	[28.85%]
270°	11	-3.49 MPa	-6.85 MPa	[31.70%]
270°	12	-3.80 MPa	-7.29 MPa	[33.77%]
270°	13	-3.99 MPa	-7.56 MPa	[35.02%]
270°	14	-4.06 MPa	-7.65 MPa	[35.44%]
270°	15	-3.99 MPa	-7.56 MPa	[35.02%]
270°	16	-3.80 MPa	-7.29 MPa	[33.77%]

270°	17	-3.49 MPa	-6.85 MPa	[31.70%]
270°	18	-3.05 MPa	-6.23 MPa	[28.85%]
270°	19	-2.50 MPa	-5.46 MPa	[25.26%]
270°	20	-1.84 MPa	-4.53 MPa	[20.98%]
270°	21	-1.09 MPa	-3.47 MPa	[16.07%]
270°	22	-0.25 MPa	-2.29 MPa	[10.60%]
270°	23	0.00 MPa	-1.01 MPa	[4.66%]
270°	24	0.00 MPa	0.00 MPa	[0.00%]
270°	25	0.00 MPa	0.00 MPa	[0.00%]
270°	26	0.00 MPa	0.00 MPa	[0.00%]
270°	27	0.00 MPa	0.00 MPa	[0.00%]
270°	28	0.00 MPa	0.00 MPa	[0.00%]
270°	29	0.00 MPa	0.00 MPa	[0.00%]
270°	30	0.00 MPa	0.00 MPa	[0.00%]
270°	31	0.00 MPa	0.00 MPa	[0.00%]
270°	32	0.00 MPa	0.00 MPa	[0.00%]
270°	33	0.00 MPa	0.00 MPa	[0.00%]
270°	34	0.00 MPa	0.00 MPa	[0.00%]
270°	35	0.00 MPa	0.00 MPa	[0.00%]
270°	36	0.00 MPa	0.00 MPa	[0.00%]
270°	37	0.00 MPa	0.00 MPa	[0.00%]
270°	38	0.00 MPa	0.00 MPa	[0.00%]
270°	39	0.00 MPa	0.00 MPa	[0.00%]
270°	40	0.00 MPa	0.00 MPa	[0.00%]
270°	41	0.00 MPa	0.00 MPa	[0.00%]
270°	42	0.00 MPa	0.00 MPa	[0.00%]
270°	43	0.00 MPa	0.00 MPa	[0.00%]
270°	44	0.00 MPa	0.00 MPa	[0.00%]
270°	45	0.00 MPa	0.00 MPa	[0.00%]
270°	46	0.00 MPa	0.00 MPa	[0.00%]
270°	47	0.00 MPa	0.00 MPa	[0.00%]
270°	48	0.00 MPa	0.00 MPa	[0.00%]
270°	49	0.00 MPa	0.00 MPa	[0.00%]
270°	50	0.00 MPa	0.00 MPa	[0.00%]
270°	51	0.00 MPa	0.00 MPa	[0.00%]
270°	52	0.00 MPa	0.00 MPa	[0.00%]

EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-1.37 MPa	[6.32%]
90°	32	-0.40 MPa	-3.00 MPa	[13.88%]
90°	33	-1.47 MPa	-4.50 MPa	[20.84%]
90°	34	-2.43 MPa	-5.85 MPa	[27.08%]
90°	35	-3.26 MPa	-7.03 MPa	[32.53%]
90°	36	-3.96 MPa	-8.01 MPa	[37.10%]
90°	37	-4.52 MPa	-8.80 MPa	[40.73%]
90°	38	-4.92 MPa	-9.36 MPa	[43.36%]
90°	39	-5.17 MPa	-9.71 MPa	[44.95%]
90°	40	-5.25 MPa	-9.82 MPa	[45.48%]
90°	41	-5.17 MPa	-9.71 MPa	[44.95%]
90°	42	-4.92 MPa	-9.36 MPa	[43.36%]
90°	43	-4.52 MPa	-8.80 MPa	[40.73%]
90°	44	-3.96 MPa	-8.01 MPa	[37.10%]
90°	45	-3.26 MPa	-7.03 MPa	[32.53%]
90°	46	-2.43 MPa	-5.85 MPa	[27.08%]
90°	47	-1.47 MPa	-4.50 MPa	[20.84%]
90°	48	-0.40 MPa	-3.00 MPa	[13.88%]
90°	49	0.00 MPa	-1.37 MPa	[6.32%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]

90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-2.13 MPa	[9.88%]
90°	32	-0.81 MPa	-4.36 MPa	[20.20%]
90°	33	-2.27 MPa	-6.42 MPa	[29.70%]
90°	34	-3.58 MPa	-8.26 MPa	[38.24%]
90°	35	-4.72 MPa	-9.87 MPa	[45.68%]
90°	36	-5.68 MPa	-11.22 MPa	[51.92%]
90°	37	-6.44 MPa	-12.29 MPa	[56.88%]
90°	38	-6.99 MPa	-13.06 MPa	[60.47%]
90°	39	-7.33 MPa	-13.53 MPa	[62.64%]
90°	40	-7.44 MPa	-13.69 MPa	[63.37%]
90°	41	-7.33 MPa	-13.53 MPa	[62.64%]
90°	42	-6.99 MPa	-13.06 MPa	[60.47%]
90°	43	-6.44 MPa	-12.29 MPa	[56.88%]
90°	44	-5.68 MPa	-11.22 MPa	[51.92%]
90°	45	-4.72 MPa	-9.87 MPa	[45.68%]
90°	46	-3.58 MPa	-8.26 MPa	[38.24%]
90°	47	-2.27 MPa	-6.42 MPa	[29.70%]
90°	48	-0.81 MPa	-4.36 MPa	[20.20%]
90°	49	0.00 MPa	-2.13 MPa	[9.88%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-1.58 MPa	[7.30%]
90°	32	-0.51 MPa	-3.39 MPa	[15.69%]
90°	33	-1.69 MPa	-5.06 MPa	[23.41%]
90°	34	-2.75 MPa	-6.55 MPa	[30.34%]
90°	35	-3.68 MPa	-7.86 MPa	[36.39%]
90°	36	-4.46 MPa	-8.96 MPa	[41.46%]
90°	37	-5.08 MPa	-9.83 MPa	[45.49%]
90°	38	-5.53 MPa	-10.46 MPa	[48.40%]
90°	39	-5.80 MPa	-10.84 MPa	[50.17%]
90°	40	-5.89 MPa	-10.96 MPa	[50.76%]
90°	41	-5.80 MPa	-10.84 MPa	[50.17%]
90°	42	-5.53 MPa	-10.46 MPa	[48.40%]
90°	43	-5.08 MPa	-9.83 MPa	[45.49%]
90°	44	-4.46 MPa	-8.96 MPa	[41.46%]
90°	45	-3.68 MPa	-7.86 MPa	[36.39%]
90°	46	-2.75 MPa	-6.55 MPa	[30.34%]
90°	47	-1.69 MPa	-5.06 MPa	[23.41%]
90°	48	-0.51 MPa	-3.39 MPa	[15.69%]
90°	49	0.00 MPa	-1.58 MPa	[7.30%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]

90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-1.15 MPa	[5.30%]
90°	32	-0.30 MPa	-2.57 MPa	[11.92%]
90°	33	-1.23 MPa	-3.89 MPa	[18.00%]
90°	34	-2.07 MPa	-5.07 MPa	[23.47%]
90°	35	-2.80 MPa	-6.10 MPa	[28.23%]
90°	36	-3.42 MPa	-6.96 MPa	[32.23%]
90°	37	-3.90 MPa	-7.65 MPa	[35.40%]
90°	38	-4.26 MPa	-8.14 MPa	[37.70%]
90°	39	-4.47 MPa	-8.44 MPa	[39.10%]
90°	40	-4.54 MPa	-8.55 MPa	[39.56%]
90°	41	-4.47 MPa	-8.44 MPa	[39.10%]
90°	42	-4.26 MPa	-8.14 MPa	[37.70%]
90°	43	-3.90 MPa	-7.65 MPa	[35.40%]
90°	44	-3.42 MPa	-6.96 MPa	[32.23%]
90°	45	-2.80 MPa	-6.10 MPa	[28.23%]
90°	46	-2.07 MPa	-5.07 MPa	[23.47%]
90°	47	-1.23 MPa	-3.89 MPa	[18.00%]
90°	48	-0.30 MPa	-2.57 MPa	[11.92%]
90°	49	0.00 MPa	-1.15 MPa	[5.30%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-1.02 MPa	[4.71%]
90°	32	-0.25 MPa	-2.31 MPa	[10.70%]
90°	33	-1.10 MPa	-3.50 MPa	[16.22%]
90°	34	-1.86 MPa	-4.57 MPa	[21.18%]
90°	35	-2.52 MPa	-5.51 MPa	[25.50%]
90°	36	-3.08 MPa	-6.29 MPa	[29.13%]
90°	37	-3.52 MPa	-6.91 MPa	[32.01%]
90°	38	-3.84 MPa	-7.36 MPa	[34.09%]
90°	39	-4.03 MPa	-7.64 MPa	[35.35%]
90°	40	-4.10 MPa	-7.73 MPa	[35.78%]
90°	41	-4.03 MPa	-7.64 MPa	[35.35%]
90°	42	-3.84 MPa	-7.36 MPa	[34.09%]
90°	43	-3.52 MPa	-6.91 MPa	[32.01%]
90°	44	-3.08 MPa	-6.29 MPa	[29.13%]
90°	45	-2.52 MPa	-5.51 MPa	[25.50%]
90°	46	-1.86 MPa	-4.57 MPa	[21.18%]
90°	47	-1.10 MPa	-3.50 MPa	[16.22%]
90°	48	-0.25 MPa	-2.31 MPa	[10.70%]
90°	49	0.00 MPa	-1.02 MPa	[4.71%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

NORTH WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]

90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-1.14 MPa	[5.28%]
90°	32	-0.30 MPa	-2.56 MPa	[11.86%]
90°	33	-1.23 MPa	-3.87 MPa	[17.91%]
90°	34	-2.06 MPa	-5.04 MPa	[23.35%]
90°	35	-2.79 MPa	-6.07 MPa	[28.09%]
90°	36	-3.40 MPa	-6.93 MPa	[32.07%]
90°	37	-3.88 MPa	-7.61 MPa	[35.22%]
90°	38	-4.24 MPa	-8.10 MPa	[37.51%]
90°	39	-4.45 MPa	-8.40 MPa	[38.90%]
90°	40	-4.52 MPa	-8.50 MPa	[39.36%]
90°	41	-4.45 MPa	-8.40 MPa	[38.90%]
90°	42	-4.24 MPa	-8.10 MPa	[37.51%]
90°	43	-3.88 MPa	-7.61 MPa	[35.22%]
90°	44	-3.40 MPa	-6.93 MPa	[32.07%]
90°	45	-2.79 MPa	-6.07 MPa	[28.09%]
90°	46	-2.06 MPa	-5.04 MPa	[23.35%]
90°	47	-1.23 MPa	-3.87 MPa	[17.91%]
90°	48	-0.30 MPa	-2.56 MPa	[11.86%]
90°	49	0.00 MPa	-1.14 MPa	[5.28%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

LOAD CASE 4: G + Ps + Ws

NORTH WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-0.40 MPa	[1.84%]
90°	32	-0.08 MPa	-0.93 MPa	[4.30%]
90°	33	-0.43 MPa	-1.42 MPa	[6.55%]
90°	34	-0.74 MPa	-1.85 MPa	[8.58%]
90°	35	-1.01 MPa	-2.24 MPa	[10.35%]
90°	36	-1.24 MPa	-2.56 MPa	[11.83%]
90°	37	-1.42 MPa	-2.81 MPa	[13.01%]
90°	38	-1.55 MPa	-2.99 MPa	[13.86%]
90°	39	-1.63 MPa	-3.11 MPa	[14.38%]
90°	40	-1.66 MPa	-3.14 MPa	[14.55%]
90°	41	-1.63 MPa	-3.11 MPa	[14.38%]
90°	42	-1.55 MPa	-2.99 MPa	[13.86%]
90°	43	-1.42 MPa	-2.81 MPa	[13.01%]
90°	44	-1.24 MPa	-2.56 MPa	[11.83%]
90°	45	-1.01 MPa	-2.24 MPa	[10.35%]
90°	46	-0.74 MPa	-1.85 MPa	[8.58%]
90°	47	-0.43 MPa	-1.42 MPa	[6.55%]
90°	48	-0.08 MPa	-0.93 MPa	[4.30%]
90°	49	0.00 MPa	-0.40 MPa	[1.84%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

NORTH EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-0.38 MPa	[1.74%]
90°	32	-0.08 MPa	-0.88 MPa	[4.06%]
90°	33	-0.41 MPa	-1.34 MPa	[6.19%]
90°	34	-0.70 MPa	-1.75 MPa	[8.11%]
90°	35	-0.96 MPa	-2.11 MPa	[9.78%]
90°	36	-1.17 MPa	-2.42 MPa	[11.18%]
90°	37	-1.34 MPa	-2.66 MPa	[12.29%]
90°	38	-1.47 MPa	-2.83 MPa	[13.10%]
90°	39	-1.54 MPa	-2.94 MPa	[13.59%]
90°	40	-1.57 MPa	-2.97 MPa	[13.75%]
90°	41	-1.54 MPa	-2.94 MPa	[13.59%]
90°	42	-1.47 MPa	-2.83 MPa	[13.10%]
90°	43	-1.34 MPa	-2.66 MPa	[12.29%]
90°	44	-1.17 MPa	-2.42 MPa	[11.18%]
90°	45	-0.96 MPa	-2.11 MPa	[9.78%]
90°	46	-0.70 MPa	-1.75 MPa	[8.11%]
90°	47	-0.41 MPa	-1.34 MPa	[6.19%]
90°	48	-0.08 MPa	-0.88 MPa	[4.06%]
90°	49	0.00 MPa	-0.38 MPa	[1.74%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-0.47 MPa	[2.20%]
90°	32	-0.09 MPa	-1.12 MPa	[5.19%]
90°	33	-0.51 MPa	-1.72 MPa	[7.95%]
90°	34	-0.89 MPa	-2.25 MPa	[10.42%]
90°	35	-1.23 MPa	-2.72 MPa	[12.58%]
90°	36	-1.50 MPa	-3.11 MPa	[14.39%]
90°	37	-1.72 MPa	-3.42 MPa	[15.83%]
90°	38	-1.88 MPa	-3.64 MPa	[16.87%]
90°	39	-1.98 MPa	-3.78 MPa	[17.50%]
90°	40	-2.01 MPa	-3.83 MPa	[17.71%]
90°	41	-1.98 MPa	-3.78 MPa	[17.50%]
90°	42	-1.88 MPa	-3.64 MPa	[16.87%]
90°	43	-1.72 MPa	-3.42 MPa	[15.83%]
90°	44	-1.50 MPa	-3.11 MPa	[14.39%]
90°	45	-1.23 MPa	-2.72 MPa	[12.58%]
90°	46	-0.89 MPa	-2.25 MPa	[10.42%]
90°	47	-0.51 MPa	-1.72 MPa	[7.95%]
90°	48	-0.09 MPa	-1.12 MPa	[5.19%]
90°	49	0.00 MPa	-0.47 MPa	[2.20%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]

90°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH EAST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-0.66 MPa	[3.07%]
90°	32	-0.13 MPa	-1.57 MPa	[7.25%]
90°	33	-0.72 MPa	-2.40 MPa	[11.11%]
90°	34	-1.25 MPa	-3.15 MPa	[14.57%]
90°	35	-1.71 MPa	-3.80 MPa	[17.58%]
90°	36	-2.10 MPa	-4.34 MPa	[20.11%]
90°	37	-2.41 MPa	-4.78 MPa	[22.12%]
90°	38	-2.63 MPa	-5.09 MPa	[23.58%]
90°	39	-2.77 MPa	-5.28 MPa	[24.46%]
90°	40	-2.81 MPa	-5.35 MPa	[24.75%]
90°	41	-2.77 MPa	-5.28 MPa	[24.46%]
90°	42	-2.63 MPa	-5.09 MPa	[23.58%]
90°	43	-2.41 MPa	-4.78 MPa	[22.12%]
90°	44	-2.10 MPa	-4.34 MPa	[20.11%]
90°	45	-1.71 MPa	-3.80 MPa	[17.58%]
90°	46	-1.25 MPa	-3.15 MPa	[14.57%]
90°	47	-0.72 MPa	-2.40 MPa	[11.11%]
90°	48	-0.13 MPa	-1.57 MPa	[7.25%]
90°	49	0.00 MPa	-0.66 MPa	[3.07%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-0.53 MPa	[2.46%]
90°	32	-0.10 MPa	-1.26 MPa	[5.81%]
90°	33	-0.58 MPa	-1.92 MPa	[8.90%]
90°	34	-1.00 MPa	-2.52 MPa	[11.67%]
90°	35	-1.37 MPa	-3.04 MPa	[14.09%]
90°	36	-1.68 MPa	-3.48 MPa	[16.12%]
90°	37	-1.93 MPa	-3.83 MPa	[17.72%]
90°	38	-2.11 MPa	-4.08 MPa	[18.89%]
90°	39	-2.22 MPa	-4.23 MPa	[19.60%]
90°	40	-2.25 MPa	-4.28 MPa	[19.83%]
90°	41	-2.22 MPa	-4.23 MPa	[19.60%]
90°	42	-2.11 MPa	-4.08 MPa	[18.89%]
90°	43	-1.93 MPa	-3.83 MPa	[17.72%]
90°	44	-1.68 MPa	-3.48 MPa	[16.12%]
90°	45	-1.37 MPa	-3.04 MPa	[14.09%]
90°	46	-1.00 MPa	-2.52 MPa	[11.67%]
90°	47	-0.58 MPa	-1.92 MPa	[8.90%]

90°	48	-0.10 MPa	-1.26 MPa	[5.81%]
90°	49	0.00 MPa	-0.53 MPa	[2.46%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

SOUTH WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
270°	01	0.00 MPa	0.00 MPa	[0.00%]
270°	02	0.00 MPa	0.00 MPa	[0.00%]
270°	03	0.00 MPa	0.00 MPa	[0.00%]
270°	04	0.00 MPa	0.00 MPa	[0.00%]
270°	05	0.00 MPa	-0.42 MPa	[1.95%]
270°	06	-0.09 MPa	-0.98 MPa	[4.54%]
270°	07	-0.46 MPa	-1.50 MPa	[6.93%]
270°	08	-0.78 MPa	-1.96 MPa	[9.08%]
270°	09	-1.07 MPa	-2.37 MPa	[10.95%]
270°	10	-1.31 MPa	-2.70 MPa	[12.52%]
270°	11	-1.50 MPa	-2.97 MPa	[13.77%]
270°	12	-1.64 MPa	-3.17 MPa	[14.67%]
270°	13	-1.73 MPa	-3.29 MPa	[15.22%]
270°	14	-1.75 MPa	-3.33 MPa	[15.40%]
270°	15	-1.73 MPa	-3.29 MPa	[15.22%]
270°	16	-1.64 MPa	-3.17 MPa	[14.67%]
270°	17	-1.50 MPa	-2.97 MPa	[13.77%]
270°	18	-1.31 MPa	-2.70 MPa	[12.52%]
270°	19	-1.07 MPa	-2.37 MPa	[10.95%]
270°	20	-0.78 MPa	-1.96 MPa	[9.08%]
270°	21	-0.46 MPa	-1.50 MPa	[6.93%]
270°	22	-0.09 MPa	-0.98 MPa	[4.54%]
270°	23	0.00 MPa	-0.42 MPa	[1.95%]
270°	24	0.00 MPa	0.00 MPa	[0.00%]
270°	25	0.00 MPa	0.00 MPa	[0.00%]
270°	26	0.00 MPa	0.00 MPa	[0.00%]
270°	27	0.00 MPa	0.00 MPa	[0.00%]
270°	28	0.00 MPa	0.00 MPa	[0.00%]
270°	29	0.00 MPa	0.00 MPa	[0.00%]
270°	30	0.00 MPa	0.00 MPa	[0.00%]
270°	31	0.00 MPa	0.00 MPa	[0.00%]
270°	32	0.00 MPa	0.00 MPa	[0.00%]
270°	33	0.00 MPa	0.00 MPa	[0.00%]
270°	34	0.00 MPa	0.00 MPa	[0.00%]
270°	35	0.00 MPa	0.00 MPa	[0.00%]
270°	36	0.00 MPa	0.00 MPa	[0.00%]
270°	37	0.00 MPa	0.00 MPa	[0.00%]
270°	38	0.00 MPa	0.00 MPa	[0.00%]
270°	39	0.00 MPa	0.00 MPa	[0.00%]
270°	40	0.00 MPa	0.00 MPa	[0.00%]
270°	41	0.00 MPa	0.00 MPa	[0.00%]
270°	42	0.00 MPa	0.00 MPa	[0.00%]
270°	43	0.00 MPa	0.00 MPa	[0.00%]
270°	44	0.00 MPa	0.00 MPa	[0.00%]
270°	45	0.00 MPa	0.00 MPa	[0.00%]
270°	46	0.00 MPa	0.00 MPa	[0.00%]
270°	47	0.00 MPa	0.00 MPa	[0.00%]
270°	48	0.00 MPa	0.00 MPa	[0.00%]
270°	49	0.00 MPa	0.00 MPa	[0.00%]
270°	50	0.00 MPa	0.00 MPa	[0.00%]
270°	51	0.00 MPa	0.00 MPa	[0.00%]
270°	52	0.00 MPa	0.00 MPa	[0.00%]

WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-0.38 MPa	[1.76%]
90°	32	-0.08 MPa	-0.89 MPa	[4.10%]
90°	33	-0.41 MPa	-1.35 MPa	[6.25%]
90°	34	-0.71 MPa	-1.77 MPa	[8.19%]
90°	35	-0.97 MPa	-2.13 MPa	[9.87%]
90°	36	-1.18 MPa	-2.44 MPa	[11.29%]
90°	37	-1.36 MPa	-2.68 MPa	[12.41%]
90°	38	-1.48 MPa	-2.86 MPa	[13.23%]
90°	39	-1.56 MPa	-2.96 MPa	[13.72%]
90°	40	-1.58 MPa	-3.00 MPa	[13.89%]
90°	41	-1.56 MPa	-2.96 MPa	[13.72%]
90°	42	-1.48 MPa	-2.86 MPa	[13.23%]
90°	43	-1.36 MPa	-2.68 MPa	[12.41%]

90°	44	-1.18 MPa	-2.44 MPa	[11.29%]
90°	45	-0.97 MPa	-2.13 MPa	[9.87%]
90°	46	-0.71 MPa	-1.77 MPa	[8.19%]
90°	47	-0.41 MPa	-1.35 MPa	[6.25%]
90°	48	-0.08 MPa	-0.89 MPa	[4.10%]
90°	49	0.00 MPa	-0.38 MPa	[1.76%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

NORTH WEST WIND

ANGLE	FACE	fc,shaft	fc,edge	UTILISATION
90°	01	0.00 MPa	0.00 MPa	[0.00%]
90°	02	0.00 MPa	0.00 MPa	[0.00%]
90°	03	0.00 MPa	0.00 MPa	[0.00%]
90°	04	0.00 MPa	0.00 MPa	[0.00%]
90°	05	0.00 MPa	0.00 MPa	[0.00%]
90°	06	0.00 MPa	0.00 MPa	[0.00%]
90°	07	0.00 MPa	0.00 MPa	[0.00%]
90°	08	0.00 MPa	0.00 MPa	[0.00%]
90°	09	0.00 MPa	0.00 MPa	[0.00%]
90°	10	0.00 MPa	0.00 MPa	[0.00%]
90°	11	0.00 MPa	0.00 MPa	[0.00%]
90°	12	0.00 MPa	0.00 MPa	[0.00%]
90°	13	0.00 MPa	0.00 MPa	[0.00%]
90°	14	0.00 MPa	0.00 MPa	[0.00%]
90°	15	0.00 MPa	0.00 MPa	[0.00%]
90°	16	0.00 MPa	0.00 MPa	[0.00%]
90°	17	0.00 MPa	0.00 MPa	[0.00%]
90°	18	0.00 MPa	0.00 MPa	[0.00%]
90°	19	0.00 MPa	0.00 MPa	[0.00%]
90°	20	0.00 MPa	0.00 MPa	[0.00%]
90°	21	0.00 MPa	0.00 MPa	[0.00%]
90°	22	0.00 MPa	0.00 MPa	[0.00%]
90°	23	0.00 MPa	0.00 MPa	[0.00%]
90°	24	0.00 MPa	0.00 MPa	[0.00%]
90°	25	0.00 MPa	0.00 MPa	[0.00%]
90°	26	0.00 MPa	0.00 MPa	[0.00%]
90°	27	0.00 MPa	0.00 MPa	[0.00%]
90°	28	0.00 MPa	0.00 MPa	[0.00%]
90°	29	0.00 MPa	0.00 MPa	[0.00%]
90°	30	0.00 MPa	0.00 MPa	[0.00%]
90°	31	0.00 MPa	-0.42 MPa	[1.94%]
90°	32	-0.09 MPa	-0.98 MPa	[4.52%]
90°	33	-0.45 MPa	-1.49 MPa	[6.90%]
90°	34	-0.78 MPa	-1.95 MPa	[9.03%]
90°	35	-1.07 MPa	-2.35 MPa	[10.90%]
90°	36	-1.31 MPa	-2.69 MPa	[12.46%]
90°	37	-1.50 MPa	-2.96 MPa	[13.70%]
90°	38	-1.63 MPa	-3.15 MPa	[14.60%]
90°	39	-1.72 MPa	-3.27 MPa	[15.14%]
90°	40	-1.75 MPa	-3.31 MPa	[15.32%]
90°	41	-1.72 MPa	-3.27 MPa	[15.14%]
90°	42	-1.63 MPa	-3.15 MPa	[14.60%]
90°	43	-1.50 MPa	-2.96 MPa	[13.70%]
90°	44	-1.31 MPa	-2.69 MPa	[12.46%]
90°	45	-1.07 MPa	-2.35 MPa	[10.90%]
90°	46	-0.78 MPa	-1.95 MPa	[9.03%]
90°	47	-0.45 MPa	-1.49 MPa	[6.90%]
90°	48	-0.09 MPa	-0.98 MPa	[4.52%]
90°	49	0.00 MPa	-0.42 MPa	[1.94%]
90°	50	0.00 MPa	0.00 MPa	[0.00%]
90°	51	0.00 MPa	0.00 MPa	[0.00%]
90°	52	0.00 MPa	0.00 MPa	[0.00%]

----- FATIGUE DESIGN (ASI 2012) -----

LOAD CASE 1: 1.2 G + Pu + Wu

NORTH WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.04%]
29.62 m	0.78 kNm	0.55 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.55 MPa	80.00 MPa	[3.19%]
29.49 m	1.05 kNm	0.56 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.35 MPa	80.00 MPa	[4.19%]
29.01 m	2.03 kNm	0.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	5.56 MPa	140.00 MPa	[3.97%]
28.40 m	3.29 kNm	0.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.30 MPa	140.00 MPa	[5.93%]
27.78 m	4.57 kNm	0.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.70 MPa	140.00 MPa	[7.64%]
27.17 m	5.89 kNm	0.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.82 MPa	140.00 MPa	[9.15%]
26.56 m	7.23 kNm	0.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.69 MPa	140.00 MPa	[10.49%]
25.95 m	8.60 kNm	0.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.36 MPa	140.00 MPa	[11.68%]
25.34 m	10.00 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.85 MPa	140.00 MPa	[12.75%]
25.34 m	10.00 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	15.81 MPa	140.00 MPa	[11.29%]
24.84 m	11.46 kNm	1.71 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.28 MPa	140.00 MPa	[12.35%]
24.34 m	13.53 kNm	1.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.37 MPa	140.00 MPa	[13.83%]
23.84 m	15.62 kNm	1.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	21.25 MPa	140.00 MPa	[15.18%]
23.34 m	17.72 kNm	1.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.96 MPa	140.00 MPa	[16.40%]
22.84 m	19.84 kNm	1.99 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.52 MPa	140.00 MPa	[17.51%]
22.34 m	21.98 kNm	2.06 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.93 MPa	140.00 MPa	[18.52%]
21.84 m	24.15 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.22 MPa	140.00 MPa	[19.44%]
21.34 m	26.33 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.39 MPa	140.00 MPa	[20.28%]
20.84 m	28.53 kNm	2.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.46 MPa	140.00 MPa	[21.05%]
20.34 m	30.76 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.46 MPa	140.00 MPa	[21.76%]
20.34 m	30.76 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.38 MPa	140.00 MPa	[17.42%]
19.84 m	33.01 kNm	2.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.06 MPa	140.00 MPa	[17.90%]
19.34 m	35.28 kNm	2.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.68 MPa	140.00 MPa	[18.34%]
18.84 m	37.57 kNm	2.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.24 MPa	140.00 MPa	[18.74%]
18.34 m	39.88 kNm	2.96 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.75 MPa	140.00 MPa	[19.11%]
17.84 m	42.22 kNm	3.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.22 MPa	140.00 MPa	[19.44%]
17.34 m	44.58 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.65 MPa	140.00 MPa	[19.75%]
16.84 m	46.97 kNm	3.32 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.04 MPa	140.00 MPa	[20.03%]
16.34 m	49.38 kNm	3.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.39 MPa	140.00 MPa	[20.28%]

15.84 m	51.81 kNm	3.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.72 MPa	140.00 MPa	[20.51%]
15.34 m	54.28 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.03 MPa	140.00 MPa	[20.74%]
15.34 m	54.28 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.80 MPa	140.00 MPa	[22.00%]
14.84 m	56.76 kNm	4.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.07 MPa	140.00 MPa	[22.19%]
14.34 m	59.27 kNm	4.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.31 MPa	140.00 MPa	[22.37%]
13.84 m	61.80 kNm	4.27 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.53 MPa	140.00 MPa	[22.52%]
13.34 m	64.36 kNm	4.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.73 MPa	140.00 MPa	[22.67%]
12.84 m	66.95 kNm	4.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.92 MPa	140.00 MPa	[22.80%]
12.34 m	69.56 kNm	4.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.08 MPa	140.00 MPa	[22.92%]
11.84 m	72.19 kNm	4.81 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.23 MPa	140.00 MPa	[23.02%]
11.34 m	74.85 kNm	4.95 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.37 MPa	140.00 MPa	[23.12%]
10.84 m	77.53 kNm	5.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.49 MPa	140.00 MPa	[23.21%]
10.34 m	80.25 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.62 MPa	140.00 MPa	[23.30%]
10.34 m	80.25 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.73 MPa	140.00 MPa	[19.81%]
9.84 m	82.99 kNm	5.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.79 MPa	140.00 MPa	[19.85%]
9.34 m	85.75 kNm	5.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.85 MPa	140.00 MPa	[19.89%]
8.84 m	88.54 kNm	6.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.89 MPa	140.00 MPa	[19.92%]
8.34 m	91.36 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.93 MPa	140.00 MPa	[19.95%]
7.84 m	94.20 kNm	6.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.96 MPa	140.00 MPa	[19.97%]
7.34 m	97.07 kNm	6.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.99 MPa	140.00 MPa	[19.99%]
6.84 m	99.96 kNm	6.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.01 MPa	140.00 MPa	[20.00%]
6.34 m	102.88 kNm	7.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.02 MPa	140.00 MPa	[20.01%]
5.84 m	105.81 kNm	7.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.03 MPa	140.00 MPa	[20.02%]
5.34 m	108.76 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.05 MPa	140.00 MPa	[20.03%]
5.34 m	108.76 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.69 MPa	140.00 MPa	[21.21%]
4.72 m	112.45 kNm	8.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.64 MPa	140.00 MPa	[21.17%]
4.09 m	116.16 kNm	8.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.58 MPa	140.00 MPa	[21.13%]
3.49 m	119.72 kNm	8.65 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.74 MPa	80.00 MPa	[39.68%]
3.47 m	119.89 kNm	8.66 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.75 MPa	80.00 MPa	[39.68%]
2.84 m	123.64 kNm	8.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.44 MPa	140.00 MPa	[21.03%]
2.22 m	127.41 kNm	9.19 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.35 MPa	140.00 MPa	[20.97%]
1.59 m	131.20 kNm	9.47 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.38 MPa	80.00 MPa	[39.22%]
1.24 m	133.33 kNm	9.63 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.30 MPa	80.00 MPa	[39.13%]
0.97 m	135.01 kNm	9.75 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.25 MPa	80.00 MPa	[39.06%]
0.34 m	138.85 kNm	10.03 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.08 MPa	140.00 MPa	[20.77%]
0.34 m	138.85 kNm	10.03 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	29.08 MPa	71.00 MPa	[40.96%]
0.25 m	138.85 kNm	10.59 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	20.71 MPa	36.00 MPa	[57.53%]

NORTH EAST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.01 kNm	0.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.04%]
29.62 m	0.64 kNm	0.55 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.13 MPa	80.00 MPa	[2.66%]
29.49 m	0.87 kNm	0.56 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.79 MPa	80.00 MPa	[3.49%]
29.01 m	1.68 kNm	0.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	4.62 MPa	140.00 MPa	[3.30%]
28.40 m	2.72 kNm	0.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	6.90 MPa	140.00 MPa	[4.93%]
27.78 m	3.79 kNm	0.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.90 MPa	140.00 MPa	[6.36%]
27.17 m	4.89 kNm	0.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.67 MPa	140.00 MPa	[7.62%]
26.56 m	6.01 kNm	0.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.25 MPa	140.00 MPa	[8.75%]
25.95 m	7.17 kNm	0.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.65 MPa	140.00 MPa	[9.75%]
25.34 m	8.34 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.92 MPa	140.00 MPa	[10.66%]
25.34 m	8.34 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.22 MPa	140.00 MPa	[9.44%]
24.84 m	9.66 kNm	1.71 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.60 MPa	140.00 MPa	[10.43%]
24.34 m	11.65 kNm	1.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.71 MPa	140.00 MPa	[11.94%]
23.84 m	13.66 kNm	1.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	18.62 MPa	140.00 MPa	[13.30%]
23.34 m	15.69 kNm	1.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	20.36 MPa	140.00 MPa	[14.54%]
22.84 m	17.74 kNm	1.99 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	21.94 MPa	140.00 MPa	[15.67%]
22.34 m	19.80 kNm	2.06 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.38 MPa	140.00 MPa	[16.70%]
21.84 m	21.88 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.69 MPa	140.00 MPa	[17.63%]
21.34 m	23.98 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.88 MPa	140.00 MPa	[18.49%]
20.84 m	26.10 kNm	2.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.98 MPa	140.00 MPa	[19.27%]
20.34 m	28.24 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.00 MPa	140.00 MPa	[20.00%]
20.34 m	28.24 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.41 MPa	140.00 MPa	[16.00%]
19.84 m	30.41 kNm	2.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.10 MPa	140.00 MPa	[16.50%]
19.34 m	32.59 kNm	2.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.74 MPa	140.00 MPa	[16.96%]
18.84 m	34.79 kNm	2.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.32 MPa	140.00 MPa	[17.37%]
18.34 m	37.02 kNm	2.96 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.85 MPa	140.00 MPa	[17.75%]
17.84 m	39.26 kNm	3.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.33 MPa	140.00 MPa	[18.09%]
17.34 m	41.53 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.77 MPa	140.00 MPa	[18.41%]
16.84 m	43.82 kNm	3.32 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.17 MPa	140.00 MPa	[18.70%]
16.34 m	46.13 kNm	3.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.54 MPa	140.00 MPa	[18.96%]
15.84 m	48.47 kNm	3.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.88 MPa	140.00 MPa	[19.20%]
15.34 m	50.83 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.21 MPa	140.00 MPa	[19.43%]
15.34 m	50.83 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.86 MPa	140.00 MPa	[20.61%]
14.84 m	53.21 kNm	4.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.14 MPa	140.00 MPa	[20.82%]
14.34 m	55.62 kNm	4.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.40 MPa	140.00 MPa	[21.00%]
13.84 m	58.05 kNm	4.27 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.63 MPa	140.00 MPa	[21.17%]
13.34 m	60.50 kNm	4.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.85 MPa	140.00 MPa	[21.32%]
12.84 m	62.97 kNm	4.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.04 MPa	140.00 MPa	[21.46%]
12.34 m	65.47 kNm	4.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.22 MPa	140.00 MPa	[21.58%]
11.84 m	67.99 kNm	4.81 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.38 MPa	140.00 MPa	[21.70%]
11.34 m	70.53 kNm	4.95 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.52 MPa	140.00 MPa	[21.80%]
10.84 m	73.10 kNm	5.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.65 MPa	140.00 MPa	[21.89%]
10.34 m	75.70 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.79 MPa	140.00 MPa	[21.99%]
10.34 m	75.70 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.18 MPa	140.00 MPa	[18.70%]
9.84 m	78.32 kNm	5.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.25 MPa	140.00 MPa	[18.75%]
9.34 m	80.96 kNm	5.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.31 MPa	140.00 MPa	[18.79%]
8.84 m	83.63 kNm	6.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.36 MPa	140.00 MPa	[18.83%]
8.34 m	86.32 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.41 MPa	140.00 MPa	[18.86%]
7.84 m	89.04 kNm	6.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.45 MPa	140.00 MPa	[18.89%]
7.34 m	91.78 kNm	6.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.48 MPa	140.00 MPa	[18.91%]
6.84 m	94.54 kNm	6.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.50 MPa	140.00 MPa	[18.93%]
6.34 m	97.32 kNm	7.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.53 MPa	140.00 MPa	[18.95%]
5.84 m	100.13 kNm	7.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.54 MPa	140.00 MPa	[18.96%]
5.34 m	102.95 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.57 MPa	140.00 MPa	[18.98%]
5.34 m	102.95 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.13 MPa	140.00 MPa	[20.09%]
4.72 m	106.49 kNm	8.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.09 MPa	140.00 MPa	[20.06%]
4.09 m	110.05 kNm	8.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.04 MPa	140.00 MPa	[20.03%]
3.49 m	113.47 kNm	8.65 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	30.11 MPa	80.00 MPa	[37.63%]
3.47 m	113.64 kNm	8.66 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	30.11 MPa	80.00 MPa	[37.64%]

2.84 m	117.24 kNm	8.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.93 MPa	140.00 MPa	[19.95%]
2.22 m	120.86 kNm	9.19 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.87 MPa	140.00 MPa	[19.90%]
1.59 m	124.50 kNm	9.47 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.79 MPa	80.00 MPa	[37.24%]
1.24 m	126.55 kNm	9.63 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.73 MPa	80.00 MPa	[37.16%]
0.97 m	128.16 kNm	9.75 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.68 MPa	80.00 MPa	[37.10%]
0.34 m	131.85 kNm	10.03 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.64 MPa	140.00 MPa	[19.74%]
0.34 m	131.85 kNm	10.03 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	27.64 MPa	71.00 MPa	[38.93%]
0.25 m	131.85 kNm	10.59 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	19.64 MPa	36.00 MPa	[54.55%]

EAST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.07 MPa	140.00 MPa	[0.05%]
29.62 m	0.75 kNm	0.55 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.47 MPa	80.00 MPa	[3.09%]
29.49 m	1.01 kNm	0.56 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.26 MPa	80.00 MPa	[4.07%]
29.01 m	1.97 kNm	0.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	5.39 MPa	140.00 MPa	[3.85%]
28.40 m	3.19 kNm	0.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.06 MPa	140.00 MPa	[5.76%]
27.78 m	4.45 kNm	0.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.41 MPa	140.00 MPa	[7.44%]
27.17 m	5.74 kNm	0.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.50 MPa	140.00 MPa	[8.93%]
26.56 m	7.06 kNm	0.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.36 MPa	140.00 MPa	[10.25%]
25.95 m	8.42 kNm	0.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.02 MPa	140.00 MPa	[11.44%]
25.34 m	9.81 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.52 MPa	140.00 MPa	[12.52%]
25.34 m	9.81 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	15.52 MPa	140.00 MPa	[11.09%]
24.84 m	11.42 kNm	1.71 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.22 MPa	140.00 MPa	[12.30%]
24.34 m	13.93 kNm	1.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.94 MPa	140.00 MPa	[14.24%]
23.84 m	16.47 kNm	1.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.40 MPa	140.00 MPa	[16.00%]
23.34 m	19.02 kNm	1.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.63 MPa	140.00 MPa	[17.59%]
22.84 m	21.60 kNm	1.99 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.66 MPa	140.00 MPa	[19.04%]
22.34 m	24.19 kNm	2.06 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.51 MPa	140.00 MPa	[20.36%]
21.84 m	26.82 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.20 MPa	140.00 MPa	[21.57%]
21.34 m	29.46 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.74 MPa	140.00 MPa	[22.67%]
20.84 m	32.13 kNm	2.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.15 MPa	140.00 MPa	[23.68%]
20.34 m	34.83 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.46 MPa	140.00 MPa	[24.61%]
20.34 m	34.83 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.58 MPa	140.00 MPa	[19.70%]
19.84 m	37.55 kNm	2.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.48 MPa	140.00 MPa	[20.34%]
19.34 m	40.30 kNm	2.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.30 MPa	140.00 MPa	[20.93%]
18.84 m	43.08 kNm	2.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.05 MPa	140.00 MPa	[21.47%]
18.34 m	45.88 kNm	2.96 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.74 MPa	140.00 MPa	[21.96%]
17.84 m	48.71 kNm	3.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.37 MPa	140.00 MPa	[22.40%]
17.34 m	51.57 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.94 MPa	140.00 MPa	[22.82%]
16.84 m	54.46 kNm	3.32 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.47 MPa	140.00 MPa	[23.19%]
16.34 m	57.38 kNm	3.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.95 MPa	140.00 MPa	[23.54%]
15.84 m	60.33 kNm	3.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.40 MPa	140.00 MPa	[23.85%]
15.34 m	63.31 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.82 MPa	140.00 MPa	[24.16%]
15.34 m	63.31 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.87 MPa	140.00 MPa	[25.62%]
14.84 m	66.32 kNm	4.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.25 MPa	140.00 MPa	[25.89%]
14.34 m	69.35 kNm	4.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.59 MPa	140.00 MPa	[26.13%]
13.84 m	72.42 kNm	4.27 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.90 MPa	140.00 MPa	[26.36%]
13.34 m	75.52 kNm	4.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.18 MPa	140.00 MPa	[26.56%]
12.84 m	78.65 kNm	4.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.44 MPa	140.00 MPa	[26.75%]
12.34 m	81.81 kNm	4.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.68 MPa	140.00 MPa	[26.91%]
11.84 m	85.00 kNm	4.81 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.90 MPa	140.00 MPa	[27.07%]
11.34 m	88.22 kNm	4.95 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.09 MPa	140.00 MPa	[27.21%]
10.84 m	91.48 kNm	5.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.28 MPa	140.00 MPa	[27.34%]
10.34 m	94.77 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.46 MPa	140.00 MPa	[27.47%]
10.34 m	94.77 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.70 MPa	140.00 MPa	[23.36%]
9.84 m	98.09 kNm	5.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.80 MPa	140.00 MPa	[23.43%]
9.34 m	101.45 kNm	5.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.89 MPa	140.00 MPa	[23.49%]
8.84 m	104.84 kNm	6.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.97 MPa	140.00 MPa	[23.55%]
8.34 m	108.26 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.04 MPa	140.00 MPa	[23.60%]
7.84 m	111.71 kNm	6.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.10 MPa	140.00 MPa	[23.64%]
7.34 m	115.20 kNm	6.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.15 MPa	140.00 MPa	[23.68%]
6.84 m	118.72 kNm	6.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.20 MPa	140.00 MPa	[23.71%]
6.34 m	122.27 kNm	7.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.24 MPa	140.00 MPa	[23.74%]
5.84 m	125.86 kNm	7.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.27 MPa	140.00 MPa	[23.77%]
5.34 m	129.49 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.32 MPa	140.00 MPa	[23.80%]
5.34 m	129.49 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.28 MPa	140.00 MPa	[25.20%]
4.72 m	134.05 kNm	8.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.26 MPa	140.00 MPa	[25.19%]
4.09 m	138.67 kNm	8.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.24 MPa	140.00 MPa	[25.17%]
3.49 m	143.12 kNm	8.65 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.88 MPa	80.00 MPa	[47.35%]
3.47 m	143.34 kNm	8.66 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.88 MPa	80.00 MPa	[47.35%]
2.84 m	148.05 kNm	8.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.17 MPa	140.00 MPa	[25.12%]
2.22 m	152.80 kNm	9.19 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.13 MPa	140.00 MPa	[25.09%]
1.59 m	157.58 kNm	9.47 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.61 MPa	80.00 MPa	[47.01%]
1.24 m	160.27 kNm	9.63 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.55 MPa	80.00 MPa	[46.94%]
0.97 m	162.40 kNm	9.75 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.51 MPa	80.00 MPa	[46.88%]
0.34 m	167.24 kNm	10.03 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.95 MPa	140.00 MPa	[24.96%]
0.34 m	167.24 kNm	10.03 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	34.95 MPa	71.00 MPa	[49.22%]
0.25 m	167.24 kNm	10.59 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	25.06 MPa	36.00 MPa	[69.61%]

SOUTH EAST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.03 kNm	0.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.09 MPa	140.00 MPa	[0.07%]
29.62 m	1.19 kNm	0.55 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.86 MPa	80.00 MPa	[4.82%]
29.49 m	1.60 kNm	0.56 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	5.09 MPa	80.00 MPa	[6.36%]
29.01 m	3.11 kNm	0.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.46 MPa	140.00 MPa	[6.04%]
28.40 m	5.04 kNm	0.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.66 MPa	140.00 MPa	[9.04%]
27.78 m	7.02 kNm	0.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.34 MPa	140.00 MPa	[11.67%]
27.17 m	9.04 kNm	0.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.60 MPa	140.00 MPa	[14.00%]
26.56 m	11.10 kNm	0.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.49 MPa	140.00 MPa	[16.06%]
25.95 m	13.22 kNm	0.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.06 MPa	140.00 MPa	[17.90%]
25.34 m	15.38 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.36 MPa	140.00 MPa	[19.54%]
25.34 m	15.38 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.23 MPa	140.00 MPa	[17.31%]
24.84 m	17.71 kNm	1.71 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.57 MPa	140.00 MPa	[18.98%]
24.34 m	21.11 kNm	1.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.07 MPa	140.00 MPa	[21.48%]
23.84 m	24.54 kNm	1.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.25 MPa	140.00 MPa	[23.75%]
23.34 m	27.99 kNm	1.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.13 MPa	140.00 MPa	[25.81%]
22.84 m	31.48 kNm	1.99 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.75 MPa	140.00 MPa	[27.68%]
22.34 m	35.00 kNm	2.06 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.13 MPa	140.00 MPa	[29.38%]

21.84 m	38.55 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	43.30 MPa	140.00 MPa	[30.93%]
21.34 m	42.13 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.28 MPa	140.00 MPa	[32.34%]
20.84 m	45.75 kNm	2.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.08 MPa	140.00 MPa	[33.63%]
20.34 m	49.40 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	48.76 MPa	140.00 MPa	[34.83%]
20.34 m	49.40 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.03 MPa	140.00 MPa	[27.88%]
19.84 m	53.09 kNm	2.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	40.17 MPa	140.00 MPa	[28.70%]
19.34 m	56.82 kNm	2.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.22 MPa	140.00 MPa	[29.44%]
18.84 m	60.58 kNm	2.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.17 MPa	140.00 MPa	[30.12%]
18.34 m	64.38 kNm	2.96 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	43.04 MPa	140.00 MPa	[30.74%]
17.84 m	68.22 kNm	3.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	43.83 MPa	140.00 MPa	[31.31%]
17.34 m	72.10 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	44.55 MPa	140.00 MPa	[31.82%]
16.84 m	76.01 kNm	3.32 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.22 MPa	140.00 MPa	[32.30%]
16.34 m	79.97 kNm	3.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.82 MPa	140.00 MPa	[32.73%]
15.84 m	83.96 kNm	3.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	46.38 MPa	140.00 MPa	[33.13%]
15.34 m	88.01 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	46.90 MPa	140.00 MPa	[33.50%]
15.34 m	88.01 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	49.76 MPa	140.00 MPa	[35.54%]
14.84 m	92.09 kNm	4.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	50.22 MPa	140.00 MPa	[35.87%]
14.34 m	96.21 kNm	4.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	50.64 MPa	140.00 MPa	[36.17%]
13.84 m	100.38 kNm	4.27 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	51.02 MPa	140.00 MPa	[36.45%]
13.34 m	104.58 kNm	4.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	51.37 MPa	140.00 MPa	[36.70%]
12.84 m	108.83 kNm	4.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	51.69 MPa	140.00 MPa	[36.92%]
12.34 m	113.12 kNm	4.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	51.98 MPa	140.00 MPa	[37.13%]
11.84 m	117.45 kNm	4.81 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	52.24 MPa	140.00 MPa	[37.32%]
11.34 m	121.83 kNm	4.95 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	52.48 MPa	140.00 MPa	[37.49%]
10.84 m	126.25 kNm	5.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	52.70 MPa	140.00 MPa	[37.64%]
10.34 m	130.72 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	52.92 MPa	140.00 MPa	[37.80%]
10.34 m	130.72 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.00 MPa	140.00 MPa	[32.14%]
9.84 m	135.23 kNm	5.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.11 MPa	140.00 MPa	[32.22%]
9.34 m	139.79 kNm	5.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.21 MPa	140.00 MPa	[32.29%]
8.84 m	144.40 kNm	6.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.30 MPa	140.00 MPa	[32.35%]
8.34 m	149.05 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.37 MPa	140.00 MPa	[32.41%]
7.84 m	153.75 kNm	6.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.44 MPa	140.00 MPa	[32.46%]
7.34 m	158.49 kNm	6.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.50 MPa	140.00 MPa	[32.50%]
6.84 m	163.28 kNm	6.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.54 MPa	140.00 MPa	[32.53%]
6.34 m	168.11 kNm	7.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.58 MPa	140.00 MPa	[32.56%]
5.84 m	172.96 kNm	7.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.60 MPa	140.00 MPa	[32.57%]
5.34 m	177.85 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.64 MPa	140.00 MPa	[32.60%]
5.34 m	177.85 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	48.32 MPa	140.00 MPa	[34.52%]
4.72 m	183.98 kNm	8.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	48.26 MPa	140.00 MPa	[34.47%]
4.09 m	190.14 kNm	8.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	48.18 MPa	140.00 MPa	[34.41%]
3.49 m	196.04 kNm	8.65 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	51.75 MPa	80.00 MPa	[64.68%]
3.47 m	196.34 kNm	8.66 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	51.75 MPa	80.00 MPa	[64.69%]
2.84 m	202.56 kNm	8.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.98 MPa	140.00 MPa	[34.27%]
2.22 m	208.82 kNm	9.19 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.86 MPa	140.00 MPa	[34.19%]
1.59 m	215.10 kNm	9.47 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	51.20 MPa	80.00 MPa	[64.00%]
1.24 m	218.64 kNm	9.63 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	51.09 MPa	80.00 MPa	[63.86%]
0.97 m	221.43 kNm	9.75 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	51.00 MPa	80.00 MPa	[63.75%]
0.34 m	227.79 kNm	10.03 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.46 MPa	140.00 MPa	[33.90%]
0.34 m	227.79 kNm	10.03 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	47.46 MPa	71.00 MPa	[66.84%]
0.25 m	227.79 kNm	10.59 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	34.33 MPa	36.00 MPa	[95.36%]

SOUTH WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.08 MPa	140.00 MPa	[0.05%]
29.62 m	1.03 kNm	0.55 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.34 MPa	80.00 MPa	[4.18%]
29.49 m	1.38 kNm	0.56 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	4.41 MPa	80.00 MPa	[5.51%]
29.01 m	2.68 kNm	0.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	7.32 MPa	140.00 MPa	[5.23%]
28.40 m	4.35 kNm	0.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.94 MPa	140.00 MPa	[7.81%]
27.78 m	6.05 kNm	0.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.11 MPa	140.00 MPa	[10.08%]
27.17 m	7.79 kNm	0.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.91 MPa	140.00 MPa	[12.08%]
26.56 m	9.56 kNm	0.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.39 MPa	140.00 MPa	[13.85%]
25.95 m	11.38 kNm	0.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	21.59 MPa	140.00 MPa	[15.42%]
25.34 m	13.23 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.56 MPa	140.00 MPa	[16.83%]
25.34 m	13.23 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	20.87 MPa	140.00 MPa	[14.91%]
24.84 m	15.18 kNm	1.71 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.81 MPa	140.00 MPa	[16.29%]
24.34 m	17.95 kNm	1.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.61 MPa	140.00 MPa	[18.29%]
23.84 m	20.74 kNm	1.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.14 MPa	140.00 MPa	[20.10%]
23.34 m	23.55 kNm	1.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.44 MPa	140.00 MPa	[21.74%]
22.84 m	26.39 kNm	1.99 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.52 MPa	140.00 MPa	[23.23%]
22.34 m	29.26 kNm	2.06 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.42 MPa	140.00 MPa	[24.59%]
21.84 m	32.15 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.15 MPa	140.00 MPa	[25.82%]
21.34 m	35.06 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.72 MPa	140.00 MPa	[26.95%]
20.84 m	38.01 kNm	2.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.16 MPa	140.00 MPa	[27.97%]
20.34 m	40.99 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	40.50 MPa	140.00 MPa	[28.93%]
20.34 m	40.99 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.42 MPa	140.00 MPa	[23.15%]
19.84 m	43.99 kNm	2.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.32 MPa	140.00 MPa	[23.80%]
19.34 m	47.02 kNm	2.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.15 MPa	140.00 MPa	[24.39%]
18.84 m	50.09 kNm	2.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.90 MPa	140.00 MPa	[24.93%]
18.34 m	53.18 kNm	2.96 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.59 MPa	140.00 MPa	[25.42%]
17.84 m	56.30 kNm	3.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.22 MPa	140.00 MPa	[25.87%]
17.34 m	59.46 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.79 MPa	140.00 MPa	[26.28%]
16.84 m	62.64 kNm	3.32 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.31 MPa	140.00 MPa	[26.65%]
16.34 m	65.86 kNm	3.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.79 MPa	140.00 MPa	[26.99%]
15.84 m	69.11 kNm	3.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.22 MPa	140.00 MPa	[27.30%]
15.34 m	72.40 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.64 MPa	140.00 MPa	[27.60%]
15.34 m	72.40 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	40.99 MPa	140.00 MPa	[29.28%]
14.84 m	75.72 kNm	4.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.35 MPa	140.00 MPa	[29.53%]
14.34 m	79.07 kNm	4.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.67 MPa	140.00 MPa	[29.77%]
13.84 m	82.45 kNm	4.27 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.97 MPa	140.00 MPa	[29.98%]
13.34 m	85.87 kNm	4.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.24 MPa	140.00 MPa	[30.17%]
12.84 m	89.32 kNm	4.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.48 MPa	140.00 MPa	[30.34%]
12.34 m	92.80 kNm	4.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.70 MPa	140.00 MPa	[30.50%]
11.84 m	96.32 kNm	4.81 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.90 MPa	140.00 MPa	[30.64%]
11.34 m	99.87 kNm	4.95 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	43.08 MPa	140.00 MPa	[30.77%]
10.84 m	103.46 kNm	5.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	43.25 MPa	140.00 MPa	[30.89%]
10.34 m	107.09 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	43.41 MPa	140.00 MPa	[31.01%]
10.34 m	107.09 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.91 MPa	140.00 MPa	[26.37%]
9.84 m	110.75 kNm	5.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.99 MPa	140.00 MPa	[26.42%]
9.34 m	114.44 kNm	5.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.06 MPa	140.00 MPa	[26.47%]

8.84 m	118.18 kNm	6.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.12 MPa	140.00 MPa	[26.52%]
8.34 m	121.94 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.18 MPa	140.00 MPa	[26.55%]
7.84 m	125.75 kNm	6.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.22 MPa	140.00 MPa	[26.59%]
7.34 m	129.58 kNm	6.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.25 MPa	140.00 MPa	[26.61%]
6.84 m	133.46 kNm	6.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.28 MPa	140.00 MPa	[26.63%]
6.34 m	137.36 kNm	7.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.30 MPa	140.00 MPa	[26.64%]
5.84 m	141.28 kNm	7.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.31 MPa	140.00 MPa	[26.65%]
5.34 m	145.23 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.33 MPa	140.00 MPa	[26.67%]
5.34 m	145.23 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.53 MPa	140.00 MPa	[28.23%]
4.72 m	150.17 kNm	8.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.46 MPa	140.00 MPa	[28.18%]
4.09 m	155.13 kNm	8.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.38 MPa	140.00 MPa	[28.13%]
3.49 m	159.89 kNm	8.65 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	42.27 MPa	80.00 MPa	[52.84%]
3.47 m	160.12 kNm	8.66 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	42.27 MPa	80.00 MPa	[52.84%]
2.84 m	165.13 kNm	8.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.18 MPa	140.00 MPa	[27.99%]
2.22 m	170.17 kNm	9.19 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.07 MPa	140.00 MPa	[27.91%]
1.59 m	175.22 kNm	9.47 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	41.78 MPa	80.00 MPa	[52.22%]
1.24 m	178.06 kNm	9.63 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	41.68 MPa	80.00 MPa	[52.10%]
0.97 m	180.30 kNm	9.75 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	41.60 MPa	80.00 MPa	[52.00%]
0.34 m	185.42 kNm	10.03 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.70 MPa	140.00 MPa	[27.65%]
0.34 m	185.42 kNm	10.03 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	38.70 MPa	71.00 MPa	[54.51%]
0.25 m	185.42 kNm	10.59 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	27.84 MPa	36.00 MPa	[77.34%]

SOUTH WEST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.04%]
29.62 m	0.73 kNm	0.55 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.40 MPa	80.00 MPa	[3.00%]
29.49 m	0.98 kNm	0.56 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.15 MPa	80.00 MPa	[3.94%]
29.01 m	1.90 kNm	0.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	5.22 MPa	140.00 MPa	[3.73%]
28.40 m	3.09 kNm	0.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	7.80 MPa	140.00 MPa	[5.57%]
27.78 m	4.30 kNm	0.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.07 MPa	140.00 MPa	[7.19%]
27.17 m	5.54 kNm	0.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.07 MPa	140.00 MPa	[8.62%]
26.56 m	6.81 kNm	0.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.86 MPa	140.00 MPa	[9.90%]
25.95 m	8.12 kNm	0.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	15.45 MPa	140.00 MPa	[11.03%]
25.34 m	9.45 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.88 MPa	140.00 MPa	[12.05%]
25.34 m	9.45 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.95 MPa	140.00 MPa	[10.68%]
24.84 m	10.93 kNm	1.71 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.49 MPa	140.00 MPa	[11.78%]
24.34 m	13.17 kNm	1.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	18.85 MPa	140.00 MPa	[13.46%]
23.84 m	15.42 kNm	1.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	20.99 MPa	140.00 MPa	[14.99%]
23.34 m	17.69 kNm	1.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.93 MPa	140.00 MPa	[16.38%]
22.84 m	19.98 kNm	1.99 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.69 MPa	140.00 MPa	[17.63%]
22.34 m	22.29 kNm	2.06 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.29 MPa	140.00 MPa	[18.78%]
21.84 m	24.62 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.75 MPa	140.00 MPa	[19.82%]
21.34 m	26.97 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.08 MPa	140.00 MPa	[20.77%]
20.84 m	29.34 kNm	2.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.30 MPa	140.00 MPa	[21.64%]
20.34 m	31.74 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.43 MPa	140.00 MPa	[22.45%]
20.34 m	31.74 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.15 MPa	140.00 MPa	[17.97%]
19.84 m	34.16 kNm	2.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.93 MPa	140.00 MPa	[18.52%]
19.34 m	36.60 kNm	2.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.63 MPa	140.00 MPa	[19.02%]
18.84 m	39.06 kNm	2.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.27 MPa	140.00 MPa	[19.48%]
18.34 m	41.54 kNm	2.96 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.85 MPa	140.00 MPa	[19.90%]
17.84 m	44.05 kNm	3.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.39 MPa	140.00 MPa	[20.28%]
17.34 m	46.58 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.87 MPa	140.00 MPa	[20.62%]
16.84 m	49.14 kNm	3.32 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.32 MPa	140.00 MPa	[20.94%]
16.34 m	51.72 kNm	3.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.72 MPa	140.00 MPa	[21.23%]
15.84 m	54.32 kNm	3.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.10 MPa	140.00 MPa	[21.50%]
15.34 m	56.95 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.45 MPa	140.00 MPa	[21.75%]
15.34 m	56.95 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.30 MPa	140.00 MPa	[23.07%]
14.84 m	59.60 kNm	4.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.61 MPa	140.00 MPa	[23.29%]
14.34 m	62.28 kNm	4.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.89 MPa	140.00 MPa	[23.49%]
13.84 m	64.98 kNm	4.27 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.14 MPa	140.00 MPa	[23.67%]
13.34 m	67.71 kNm	4.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.37 MPa	140.00 MPa	[23.83%]
12.84 m	70.46 kNm	4.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.57 MPa	140.00 MPa	[23.98%]
12.34 m	73.23 kNm	4.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.76 MPa	140.00 MPa	[24.12%]
11.84 m	76.03 kNm	4.81 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.93 MPa	140.00 MPa	[24.24%]
11.34 m	78.85 kNm	4.95 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.08 MPa	140.00 MPa	[24.34%]
10.84 m	81.70 kNm	5.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.22 MPa	140.00 MPa	[24.44%]
10.34 m	84.58 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.36 MPa	140.00 MPa	[24.54%]
10.34 m	84.58 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.21 MPa	140.00 MPa	[20.87%]
9.84 m	87.48 kNm	5.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.28 MPa	140.00 MPa	[20.92%]
9.34 m	90.41 kNm	5.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.34 MPa	140.00 MPa	[20.96%]
8.84 m	93.36 kNm	6.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.39 MPa	140.00 MPa	[20.99%]
8.34 m	96.34 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.43 MPa	140.00 MPa	[21.02%]
7.84 m	99.34 kNm	6.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.47 MPa	140.00 MPa	[21.05%]
7.34 m	102.38 kNm	6.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.50 MPa	140.00 MPa	[21.07%]
6.84 m	105.44 kNm	6.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.52 MPa	140.00 MPa	[21.09%]
6.34 m	108.52 kNm	7.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.54 MPa	140.00 MPa	[21.10%]
5.84 m	111.62 kNm	7.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.55 MPa	140.00 MPa	[21.11%]
5.34 m	114.74 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.57 MPa	140.00 MPa	[21.12%]
5.34 m	114.74 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.30 MPa	140.00 MPa	[22.36%]
4.72 m	118.65 kNm	8.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.25 MPa	140.00 MPa	[22.32%]
4.09 m	122.57 kNm	8.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.19 MPa	140.00 MPa	[22.28%]
3.49 m	126.34 kNm	8.65 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.48 MPa	80.00 MPa	[41.85%]
3.47 m	126.52 kNm	8.66 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.48 MPa	80.00 MPa	[41.85%]
2.84 m	130.49 kNm	8.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.04 MPa	140.00 MPa	[22.17%]
2.22 m	134.48 kNm	9.19 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.96 MPa	140.00 MPa	[22.12%]
1.59 m	138.48 kNm	9.47 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.10 MPa	80.00 MPa	[41.37%]
1.24 m	140.73 kNm	9.63 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.02 MPa	80.00 MPa	[41.28%]
0.97 m	142.51 kNm	9.75 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.96 MPa	80.00 MPa	[41.20%]
0.34 m	146.56 kNm	10.03 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.68 MPa	140.00 MPa	[21.91%]
0.34 m	146.56 kNm	10.03 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	30.68 MPa	71.00 MPa	[43.21%]
0.25 m	146.56 kNm	10.59 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	21.89 MPa	36.00 MPa	[60.81%]

WEST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.04%]
29.62 m	0.63 kNm	0.55 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.09 MPa	80.00 MPa	[2.62%]
29.49 m	0.85 kNm	0.56 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.75 MPa	80.00 MPa	[3.44%]
29.01 m	1.65 kNm	0.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	4.55 MPa	140.00 MPa	[3.25%]

28.40 m	2.68 kNm	0.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	6.79 MPa	140.00 MPa	[4.85%]
27.78 m	3.74 kNm	0.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.77 MPa	140.00 MPa	[6.26%]
27.17 m	4.82 kNm	0.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.52 MPa	140.00 MPa	[7.51%]
26.56 m	5.93 kNm	0.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.08 MPa	140.00 MPa	[8.63%]
25.95 m	7.07 kNm	0.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.47 MPa	140.00 MPa	[9.62%]
25.34 m	8.23 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.73 MPa	140.00 MPa	[10.52%]
25.34 m	8.23 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.05 MPa	140.00 MPa	[9.32%]
24.84 m	9.57 kNm	1.71 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.46 MPa	140.00 MPa	[10.33%]
24.34 m	11.63 kNm	1.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.68 MPa	140.00 MPa	[11.91%]
23.84 m	13.70 kNm	1.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	18.68 MPa	140.00 MPa	[13.34%]
23.34 m	15.80 kNm	1.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	20.50 MPa	140.00 MPa	[14.64%]
22.84 m	17.91 kNm	1.99 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.15 MPa	140.00 MPa	[15.82%]
22.34 m	20.04 kNm	2.06 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.65 MPa	140.00 MPa	[16.90%]
21.84 m	22.18 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.02 MPa	140.00 MPa	[17.87%]
21.34 m	24.35 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.27 MPa	140.00 MPa	[18.77%]
20.84 m	26.53 kNm	2.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.42 MPa	140.00 MPa	[19.58%]
20.34 m	28.73 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.48 MPa	140.00 MPa	[20.34%]
20.34 m	28.73 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.79 MPa	140.00 MPa	[16.28%]
19.84 m	30.96 kNm	2.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.52 MPa	140.00 MPa	[16.80%]
19.34 m	33.20 kNm	2.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.18 MPa	140.00 MPa	[17.27%]
18.84 m	35.47 kNm	2.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.78 MPa	140.00 MPa	[17.70%]
18.34 m	37.75 kNm	2.96 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.33 MPa	140.00 MPa	[18.10%]
17.84 m	40.05 kNm	3.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.83 MPa	140.00 MPa	[18.45%]
17.34 m	42.38 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.29 MPa	140.00 MPa	[18.78%]
16.84 m	44.72 kNm	3.32 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.71 MPa	140.00 MPa	[19.08%]
16.34 m	47.09 kNm	3.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.09 MPa	140.00 MPa	[19.35%]
15.84 m	49.48 kNm	3.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.44 MPa	140.00 MPa	[19.60%]
15.34 m	51.89 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.77 MPa	140.00 MPa	[19.84%]
15.34 m	51.89 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.46 MPa	140.00 MPa	[21.04%]
14.84 m	54.32 kNm	4.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.74 MPa	140.00 MPa	[21.24%]
14.34 m	56.77 kNm	4.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.00 MPa	140.00 MPa	[21.43%]
13.84 m	59.24 kNm	4.27 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.24 MPa	140.00 MPa	[21.60%]
13.34 m	61.74 kNm	4.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.45 MPa	140.00 MPa	[21.75%]
12.84 m	64.25 kNm	4.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.64 MPa	140.00 MPa	[21.89%]
12.34 m	66.78 kNm	4.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.82 MPa	140.00 MPa	[22.01%]
11.84 m	69.34 kNm	4.81 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.97 MPa	140.00 MPa	[22.12%]
11.34 m	71.91 kNm	4.95 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.11 MPa	140.00 MPa	[22.22%]
10.84 m	74.51 kNm	5.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.24 MPa	140.00 MPa	[22.31%]
10.34 m	77.13 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.37 MPa	140.00 MPa	[22.41%]
10.34 m	77.13 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.67 MPa	140.00 MPa	[19.05%]
9.84 m	79.77 kNm	5.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.73 MPa	140.00 MPa	[19.09%]
9.34 m	82.44 kNm	5.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.78 MPa	140.00 MPa	[19.13%]
8.84 m	85.12 kNm	6.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.82 MPa	140.00 MPa	[19.16%]
8.34 m	87.82 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.86 MPa	140.00 MPa	[19.18%]
7.84 m	90.54 kNm	6.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.88 MPa	140.00 MPa	[19.20%]
7.34 m	93.27 kNm	6.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.90 MPa	140.00 MPa	[19.22%]
6.84 m	96.03 kNm	6.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.92 MPa	140.00 MPa	[19.23%]
6.34 m	98.80 kNm	7.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.92 MPa	140.00 MPa	[19.23%]
5.84 m	101.59 kNm	7.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.92 MPa	140.00 MPa	[19.23%]
5.34 m	104.40 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.94 MPa	140.00 MPa	[19.24%]
5.34 m	104.40 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.52 MPa	140.00 MPa	[20.37%]
4.72 m	107.92 kNm	8.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.46 MPa	140.00 MPa	[20.33%]
4.09 m	111.46 kNm	8.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.40 MPa	140.00 MPa	[20.28%]
3.49 m	114.85 kNm	8.65 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	30.47 MPa	80.00 MPa	[38.09%]
3.47 m	115.02 kNm	8.66 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	30.47 MPa	80.00 MPa	[38.09%]
2.84 m	118.60 kNm	8.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.25 MPa	140.00 MPa	[20.18%]
2.22 m	122.19 kNm	9.19 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.17 MPa	140.00 MPa	[20.12%]
1.59 m	125.80 kNm	9.47 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	30.10 MPa	80.00 MPa	[37.63%]
1.24 m	127.84 kNm	9.63 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	30.03 MPa	80.00 MPa	[37.54%]
0.97 m	129.44 kNm	9.75 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.97 MPa	80.00 MPa	[37.47%]
0.34 m	133.10 kNm	10.03 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.90 MPa	140.00 MPa	[19.93%]
0.34 m	133.10 kNm	10.03 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	27.90 MPa	71.00 MPa	[39.29%]
0.25 m	133.10 kNm	10.59 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	19.83 MPa	36.00 MPa	[55.09%]

NORTH WEST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.05%]
29.62 m	0.79 kNm	0.55 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.59 MPa	80.00 MPa	[3.24%]
29.49 m	1.06 kNm	0.56 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.41 MPa	80.00 MPa	[4.26%]
29.01 m	2.06 kNm	0.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	5.65 MPa	140.00 MPa	[4.04%]
28.40 m	3.34 kNm	0.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.44 MPa	140.00 MPa	[6.03%]
27.78 m	4.65 kNm	0.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.89 MPa	140.00 MPa	[7.78%]
27.17 m	5.99 kNm	0.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.05 MPa	140.00 MPa	[9.32%]
26.56 m	7.36 kNm	0.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.96 MPa	140.00 MPa	[10.69%]
25.95 m	8.76 kNm	0.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.67 MPa	140.00 MPa	[11.90%]
25.34 m	10.19 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	18.19 MPa	140.00 MPa	[13.00%]
25.34 m	10.19 kNm	1.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.12 MPa	140.00 MPa	[11.51%]
24.84 m	11.73 kNm	1.71 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.67 MPa	140.00 MPa	[12.62%]
24.34 m	13.95 kNm	1.78 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.95 MPa	140.00 MPa	[14.25%]
23.84 m	16.18 kNm	1.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.02 MPa	140.00 MPa	[15.73%]
23.34 m	18.44 kNm	1.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.89 MPa	140.00 MPa	[17.06%]
22.84 m	20.72 kNm	1.99 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.59 MPa	140.00 MPa	[18.28%]
22.34 m	23.01 kNm	2.06 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.13 MPa	140.00 MPa	[19.38%]
21.84 m	25.33 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.54 MPa	140.00 MPa	[20.39%]
21.34 m	27.67 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.82 MPa	140.00 MPa	[21.30%]
20.84 m	30.02 kNm	2.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.99 MPa	140.00 MPa	[22.14%]
20.34 m	32.41 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.08 MPa	140.00 MPa	[22.91%]
20.34 m	32.41 kNm	2.52 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.68 MPa	140.00 MPa	[18.34%]
19.84 m	34.81 kNm	2.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.42 MPa	140.00 MPa	[18.87%]
19.34 m	37.24 kNm	2.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.09 MPa	140.00 MPa	[19.35%]
18.84 m	39.68 kNm	2.85 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.70 MPa	140.00 MPa	[19.79%]
18.34 m	42.15 kNm	2.96 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.26 MPa	140.00 MPa	[20.19%]
17.84 m	44.65 kNm	3.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.77 MPa	140.00 MPa	[20.55%]
17.34 m	47.16 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.23 MPa	140.00 MPa	[20.88%]
16.84 m	49.70 kNm	3.32 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.65 MPa	140.00 MPa	[21.18%]
16.34 m	52.27 kNm	3.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.04 MPa	140.00 MPa	[21.46%]
15.84 m	54.85 kNm	3.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.39 MPa	140.00 MPa	[21.71%]
15.34 m	57.47 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.72 MPa	140.00 MPa	[21.95%]
15.34 m	57.47 kNm	3.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.59 MPa	140.00 MPa	[23.28%]

14.84 m	60.10 kNm	4.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.88 MPa	140.00 MPa	[23.48%]
14.34 m	62.76 kNm	4.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.14 MPa	140.00 MPa	[23.67%]
13.84 m	65.44 kNm	4.27 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.37 MPa	140.00 MPa	[23.84%]
13.34 m	68.15 kNm	4.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.58 MPa	140.00 MPa	[23.99%]
12.84 m	70.88 kNm	4.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.77 MPa	140.00 MPa	[24.12%]
12.34 m	73.63 kNm	4.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.95 MPa	140.00 MPa	[24.25%]
11.84 m	76.41 kNm	4.81 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.10 MPa	140.00 MPa	[24.36%]
11.34 m	79.21 kNm	4.95 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.24 MPa	140.00 MPa	[24.45%]
10.84 m	82.04 kNm	5.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.36 MPa	140.00 MPa	[24.54%]
10.34 m	84.89 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.49 MPa	140.00 MPa	[24.63%]
10.34 m	84.89 kNm	5.56 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.32 MPa	140.00 MPa	[20.94%]
9.84 m	87.77 kNm	5.74 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.38 MPa	140.00 MPa	[20.98%]
9.34 m	90.67 kNm	5.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.43 MPa	140.00 MPa	[21.02%]
8.84 m	93.59 kNm	6.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.46 MPa	140.00 MPa	[21.04%]
8.34 m	96.53 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.49 MPa	140.00 MPa	[21.07%]
7.84 m	99.49 kNm	6.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.51 MPa	140.00 MPa	[21.08%]
7.34 m	102.47 kNm	6.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.53 MPa	140.00 MPa	[21.09%]
6.84 m	105.48 kNm	6.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.53 MPa	140.00 MPa	[21.10%]
6.34 m	108.50 kNm	7.08 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.53 MPa	140.00 MPa	[21.10%]
5.84 m	111.54 kNm	7.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.53 MPa	140.00 MPa	[21.09%]
5.34 m	114.60 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.53 MPa	140.00 MPa	[21.10%]
5.34 m	114.60 kNm	7.88 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.27 MPa	140.00 MPa	[22.33%]
4.72 m	118.44 kNm	8.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.20 MPa	140.00 MPa	[22.28%]
4.09 m	122.29 kNm	8.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.12 MPa	140.00 MPa	[22.23%]
3.49 m	125.98 kNm	8.65 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.39 MPa	80.00 MPa	[41.73%]
3.47 m	126.17 kNm	8.66 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.39 MPa	80.00 MPa	[41.73%]
2.84 m	130.06 kNm	8.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.94 MPa	140.00 MPa	[22.10%]
2.22 m	133.97 kNm	9.19 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.85 MPa	140.00 MPa	[22.03%]
1.59 m	137.90 kNm	9.47 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.96 MPa	80.00 MPa	[41.20%]
1.24 m	140.11 kNm	9.63 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.88 MPa	80.00 MPa	[41.10%]
0.97 m	141.86 kNm	9.75 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.81 MPa	80.00 MPa	[41.02%]
0.34 m	145.84 kNm	10.03 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.53 MPa	140.00 MPa	[21.81%]
0.34 m	145.84 kNm	10.03 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	30.53 MPa	71.00 MPa	[43.00%]
0.25 m	145.84 kNm	10.59 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	21.78 MPa	36.00 MPa	[60.50%]

LOAD CASE 2: 0.9 G + Pu + Wu

NORTH WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.04 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.04%]
29.62 m	0.77 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.52 MPa	80.00 MPa	[3.15%]
29.49 m	1.04 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.31 MPa	80.00 MPa	[4.13%]
29.01 m	2.01 kNm	0.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	5.49 MPa	140.00 MPa	[3.92%]
28.40 m	3.27 kNm	0.50 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.21 MPa	140.00 MPa	[5.87%]
27.78 m	4.54 kNm	0.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.60 MPa	140.00 MPa	[7.57%]
27.17 m	5.85 kNm	0.59 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.71 MPa	140.00 MPa	[9.08%]
26.56 m	7.19 kNm	0.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.57 MPa	140.00 MPa	[10.40%]
25.95 m	8.55 kNm	0.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.22 MPa	140.00 MPa	[11.59%]
25.34 m	9.94 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.70 MPa	140.00 MPa	[12.64%]
25.34 m	9.94 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	15.68 MPa	140.00 MPa	[11.20%]
24.84 m	11.39 kNm	1.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.12 MPa	140.00 MPa	[12.23%]
24.34 m	13.45 kNm	1.33 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.18 MPa	140.00 MPa	[13.70%]
23.84 m	15.52 kNm	1.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	21.06 MPa	140.00 MPa	[15.04%]
23.34 m	17.61 kNm	1.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.76 MPa	140.00 MPa	[16.26%]
22.84 m	19.72 kNm	1.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.30 MPa	140.00 MPa	[17.36%]
22.34 m	21.85 kNm	1.55 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.70 MPa	140.00 MPa	[18.36%]
21.84 m	23.99 kNm	1.60 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.98 MPa	140.00 MPa	[19.27%]
21.34 m	26.16 kNm	1.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.15 MPa	140.00 MPa	[20.11%]
20.84 m	28.35 kNm	1.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.21 MPa	140.00 MPa	[20.87%]
20.34 m	30.56 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.20 MPa	140.00 MPa	[21.57%]
20.34 m	30.56 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.17 MPa	140.00 MPa	[17.27%]
19.84 m	32.80 kNm	1.97 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.85 MPa	140.00 MPa	[17.75%]
19.34 m	35.05 kNm	2.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.46 MPa	140.00 MPa	[18.18%]
18.84 m	37.33 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.02 MPa	140.00 MPa	[18.58%]
18.34 m	39.63 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.52 MPa	140.00 MPa	[18.95%]
17.84 m	41.96 kNm	2.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.99 MPa	140.00 MPa	[19.28%]
17.34 m	44.30 kNm	2.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.41 MPa	140.00 MPa	[19.58%]
16.84 m	46.67 kNm	2.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.80 MPa	140.00 MPa	[19.86%]
16.34 m	49.07 kNm	2.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.15 MPa	140.00 MPa	[20.11%]
15.84 m	51.49 kNm	2.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.47 MPa	140.00 MPa	[20.34%]
15.34 m	53.93 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.78 MPa	140.00 MPa	[20.56%]
15.34 m	53.93 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.53 MPa	140.00 MPa	[21.81%]
14.84 m	56.40 kNm	3.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.80 MPa	140.00 MPa	[22.00%]
14.34 m	58.90 kNm	3.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.04 MPa	140.00 MPa	[22.17%]
13.84 m	61.42 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.26 MPa	140.00 MPa	[22.33%]
13.34 m	63.96 kNm	3.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.46 MPa	140.00 MPa	[22.47%]
12.84 m	66.53 kNm	3.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.64 MPa	140.00 MPa	[22.60%]
12.34 m	69.12 kNm	3.51 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.81 MPa	140.00 MPa	[22.72%]
11.84 m	71.74 kNm	3.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.96 MPa	140.00 MPa	[22.83%]
11.34 m	74.39 kNm	3.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.09 MPa	140.00 MPa	[22.92%]
10.84 m	77.06 kNm	3.82 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.21 MPa	140.00 MPa	[23.01%]
10.34 m	79.76 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.34 MPa	140.00 MPa	[23.10%]
10.34 m	79.76 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.50 MPa	140.00 MPa	[19.64%]
9.84 m	82.49 kNm	4.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.56 MPa	140.00 MPa	[19.68%]
9.34 m	85.24 kNm	4.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.61 MPa	140.00 MPa	[19.72%]
8.84 m	88.02 kNm	4.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.65 MPa	140.00 MPa	[19.75%]
8.34 m	90.82 kNm	4.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.69 MPa	140.00 MPa	[19.78%]
7.84 m	93.66 kNm	4.87 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.72 MPa	140.00 MPa	[19.80%]
7.34 m	96.51 kNm	5.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.75 MPa	140.00 MPa	[19.82%]
6.84 m	99.40 kNm	5.16 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.77 MPa	140.00 MPa	[19.84%]
6.34 m	102.30 kNm	5.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.78 MPa	140.00 MPa	[19.85%]
5.84 m	105.22 kNm	5.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.79 MPa	140.00 MPa	[19.85%]
5.34 m	108.16 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.81 MPa	140.00 MPa	[19.86%]
5.34 m	108.16 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.44 MPa	140.00 MPa	[21.03%]
4.72 m	111.85 kNm	6.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.39 MPa	140.00 MPa	[20.99%]
4.09 m	115.55 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.33 MPa	140.00 MPa	[20.95%]
3.49 m	119.10 kNm	6.48 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.49 MPa	80.00 MPa	[39.36%]
3.47 m	119.27 kNm	6.49 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.49 MPa	80.00 MPa	[39.36%]
2.84 m	123.02 kNm	6.69 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.19 MPa	140.00 MPa	[20.85%]
2.22 m	126.78 kNm	6.90 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.11 MPa	140.00 MPa	[20.80%]

1.59 m	130.57 kNm	7.10 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.13 MPa	80.00 MPa	[38.91%]
1.24 m	132.70 kNm	7.22 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.06 MPa	80.00 MPa	[38.83%]
0.97 m	134.38 kNm	7.31 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	31.01 MPa	80.00 MPa	[38.76%]
0.34 m	138.21 kNm	7.53 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.85 MPa	140.00 MPa	[20.61%]
0.34 m	138.21 kNm	7.53 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	28.85 MPa	71.00 MPa	[40.64%]
0.25 m	138.21 kNm	8.08 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	20.75 MPa	36.00 MPa	[57.65%]

NORTH EAST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.01 kNm	0.04 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.05 MPa	140.00 MPa	[0.04%]
29.62 m	0.64 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.10 MPa	80.00 MPa	[2.62%]
29.49 m	0.86 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.75 MPa	80.00 MPa	[3.44%]
29.01 m	1.67 kNm	0.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	4.56 MPa	140.00 MPa	[3.26%]
28.40 m	2.70 kNm	0.50 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	6.82 MPa	140.00 MPa	[4.87%]
27.78 m	3.77 kNm	0.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.81 MPa	140.00 MPa	[6.29%]
27.17 m	4.86 kNm	0.59 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.57 MPa	140.00 MPa	[7.55%]
26.56 m	5.97 kNm	0.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.13 MPa	140.00 MPa	[8.66%]
25.95 m	7.12 kNm	0.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.53 MPa	140.00 MPa	[9.66%]
25.34 m	8.29 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.78 MPa	140.00 MPa	[10.56%]
25.34 m	8.29 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.09 MPa	140.00 MPa	[9.35%]
24.84 m	9.59 kNm	1.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.44 MPa	140.00 MPa	[10.32%]
24.34 m	11.57 kNm	1.33 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.54 MPa	140.00 MPa	[11.81%]
23.84 m	13.57 kNm	1.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	18.44 MPa	140.00 MPa	[13.17%]
23.34 m	15.59 kNm	1.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	20.17 MPa	140.00 MPa	[14.40%]
22.84 m	17.62 kNm	1.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	21.74 MPa	140.00 MPa	[15.53%]
22.34 m	19.67 kNm	1.55 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.16 MPa	140.00 MPa	[16.55%]
21.84 m	21.74 kNm	1.60 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.46 MPa	140.00 MPa	[17.47%]
21.34 m	23.83 kNm	1.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.65 MPa	140.00 MPa	[18.32%]
20.84 m	25.93 kNm	1.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.74 MPa	140.00 MPa	[19.10%]
20.34 m	28.06 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.75 MPa	140.00 MPa	[19.82%]
20.34 m	28.06 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.21 MPa	140.00 MPa	[15.86%]
19.84 m	30.21 kNm	1.97 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.90 MPa	140.00 MPa	[16.36%]
19.34 m	32.38 kNm	2.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.53 MPa	140.00 MPa	[16.81%]
18.84 m	34.57 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.10 MPa	140.00 MPa	[17.22%]
18.34 m	36.78 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.63 MPa	140.00 MPa	[17.59%]
17.84 m	39.01 kNm	2.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.11 MPa	140.00 MPa	[17.93%]
17.34 m	41.27 kNm	2.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.55 MPa	140.00 MPa	[18.25%]
16.84 m	43.54 kNm	2.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.95 MPa	140.00 MPa	[18.53%]
16.34 m	45.84 kNm	2.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.31 MPa	140.00 MPa	[18.79%]
15.84 m	48.16 kNm	2.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.65 MPa	140.00 MPa	[19.03%]
15.34 m	50.51 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.97 MPa	140.00 MPa	[19.26%]
15.34 m	50.51 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.61 MPa	140.00 MPa	[20.43%]
14.84 m	52.88 kNm	3.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.89 MPa	140.00 MPa	[20.63%]
14.34 m	55.27 kNm	3.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.14 MPa	140.00 MPa	[20.82%]
13.84 m	57.68 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.37 MPa	140.00 MPa	[20.98%]
13.34 m	60.12 kNm	3.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.59 MPa	140.00 MPa	[21.13%]
12.84 m	62.58 kNm	3.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.78 MPa	140.00 MPa	[21.27%]
12.34 m	65.06 kNm	3.51 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.95 MPa	140.00 MPa	[21.39%]
11.84 m	67.57 kNm	3.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.11 MPa	140.00 MPa	[21.51%]
11.34 m	70.10 kNm	3.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.26 MPa	140.00 MPa	[21.61%]
10.84 m	72.66 kNm	3.82 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.39 MPa	140.00 MPa	[21.71%]
10.34 m	75.24 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.52 MPa	140.00 MPa	[21.80%]
10.34 m	75.24 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.95 MPa	140.00 MPa	[18.54%]
9.84 m	77.85 kNm	4.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.02 MPa	140.00 MPa	[18.58%]
9.34 m	80.48 kNm	4.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.08 MPa	140.00 MPa	[18.63%]
8.84 m	83.14 kNm	4.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.13 MPa	140.00 MPa	[18.67%]
8.34 m	85.82 kNm	4.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.18 MPa	140.00 MPa	[18.70%]
7.84 m	88.52 kNm	4.87 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.22 MPa	140.00 MPa	[18.73%]
7.34 m	91.25 kNm	5.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.25 MPa	140.00 MPa	[18.75%]
6.84 m	94.01 kNm	5.16 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.28 MPa	140.00 MPa	[18.77%]
6.34 m	96.78 kNm	5.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.30 MPa	140.00 MPa	[18.78%]
5.84 m	99.57 kNm	5.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.31 MPa	140.00 MPa	[18.79%]
5.34 m	102.39 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.34 MPa	140.00 MPa	[18.81%]
5.34 m	102.39 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.88 MPa	140.00 MPa	[19.92%]
4.72 m	105.92 kNm	6.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.85 MPa	140.00 MPa	[19.89%]
4.09 m	109.47 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.80 MPa	140.00 MPa	[19.86%]
3.49 m	112.89 kNm	6.48 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.86 MPa	80.00 MPa	[37.33%]
3.47 m	113.05 kNm	6.49 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.86 MPa	80.00 MPa	[37.33%]
2.84 m	116.65 kNm	6.69 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.70 MPa	140.00 MPa	[19.78%]
2.22 m	120.27 kNm	6.90 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.63 MPa	140.00 MPa	[19.74%]
1.59 m	123.90 kNm	7.10 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.56 MPa	80.00 MPa	[36.95%]
1.24 m	125.95 kNm	7.22 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.50 MPa	80.00 MPa	[36.87%]
0.97 m	127.57 kNm	7.31 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.45 MPa	80.00 MPa	[36.81%]
0.34 m	131.26 kNm	7.53 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.42 MPa	140.00 MPa	[19.58%]
0.34 m	131.26 kNm	7.53 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	27.42 MPa	71.00 MPa	[38.61%]
0.25 m	131.26 kNm	8.08 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	19.69 MPa	36.00 MPa	[54.69%]

EAST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.04 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.05%]
29.62 m	0.75 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.44 MPa	80.00 MPa	[3.05%]
29.49 m	1.01 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.21 MPa	80.00 MPa	[4.01%]
29.01 m	1.95 kNm	0.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	5.32 MPa	140.00 MPa	[3.80%]
28.40 m	3.17 kNm	0.50 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	7.97 MPa	140.00 MPa	[5.69%]
27.78 m	4.42 kNm	0.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.30 MPa	140.00 MPa	[7.36%]
27.17 m	5.70 kNm	0.59 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.38 MPa	140.00 MPa	[8.84%]
26.56 m	7.01 kNm	0.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.22 MPa	140.00 MPa	[10.16%]
25.95 m	8.36 kNm	0.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	15.87 MPa	140.00 MPa	[11.34%]
25.34 m	9.75 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.36 MPa	140.00 MPa	[12.40%]
25.34 m	9.75 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	15.38 MPa	140.00 MPa	[10.98%]
24.84 m	11.34 kNm	1.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.04 MPa	140.00 MPa	[12.17%]
24.34 m	13.84 kNm	1.33 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.74 MPa	140.00 MPa	[14.10%]
23.84 m	16.35 kNm	1.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.18 MPa	140.00 MPa	[15.84%]
23.34 m	18.89 kNm	1.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.40 MPa	140.00 MPa	[17.43%]
22.84 m	21.45 kNm	1.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.42 MPa	140.00 MPa	[18.87%]
22.34 m	24.03 kNm	1.55 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.26 MPa	140.00 MPa	[20.18%]
21.84 m	26.64 kNm	1.60 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.94 MPa	140.00 MPa	[21.38%]
21.34 m	29.27 kNm	1.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.47 MPa	140.00 MPa	[22.48%]

20.84 m	31.92 kNm	1.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.87 MPa	140.00 MPa	[23.48%]
20.34 m	34.60 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.16 MPa	140.00 MPa	[24.40%]
20.34 m	34.60 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.35 MPa	140.00 MPa	[19.53%]
19.84 m	37.31 kNm	1.97 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.24 MPa	140.00 MPa	[20.17%]
19.34 m	40.04 kNm	2.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.06 MPa	140.00 MPa	[20.75%]
18.84 m	42.80 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.80 MPa	140.00 MPa	[21.29%]
18.34 m	45.59 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.48 MPa	140.00 MPa	[21.77%]
17.84 m	48.40 kNm	2.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.11 MPa	140.00 MPa	[22.22%]
17.34 m	51.24 kNm	2.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.68 MPa	140.00 MPa	[22.63%]
16.84 m	54.11 kNm	2.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.20 MPa	140.00 MPa	[23.00%]
16.34 m	57.01 kNm	2.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.68 MPa	140.00 MPa	[23.34%]
15.84 m	59.94 kNm	2.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.12 MPa	140.00 MPa	[23.66%]
15.34 m	62.90 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.54 MPa	140.00 MPa	[23.95%]
15.34 m	62.90 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.58 MPa	140.00 MPa	[25.41%]
14.84 m	65.89 kNm	3.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.95 MPa	140.00 MPa	[25.68%]
14.34 m	68.92 kNm	3.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.28 MPa	140.00 MPa	[25.92%]
13.84 m	71.97 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.59 MPa	140.00 MPa	[26.14%]
13.34 m	75.05 kNm	3.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.88 MPa	140.00 MPa	[26.34%]
12.84 m	78.16 kNm	3.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.13 MPa	140.00 MPa	[26.52%]
12.34 m	81.30 kNm	3.51 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.37 MPa	140.00 MPa	[26.69%]
11.84 m	84.48 kNm	3.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.59 MPa	140.00 MPa	[26.85%]
11.34 m	87.68 kNm	3.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.78 MPa	140.00 MPa	[26.99%]
10.84 m	90.92 kNm	3.82 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.96 MPa	140.00 MPa	[27.12%]
10.34 m	94.20 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.14 MPa	140.00 MPa	[27.25%]
10.34 m	94.20 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.43 MPa	140.00 MPa	[23.17%]
9.84 m	97.51 kNm	4.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.53 MPa	140.00 MPa	[23.24%]
9.34 m	100.85 kNm	4.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.62 MPa	140.00 MPa	[23.30%]
8.84 m	104.22 kNm	4.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.70 MPa	140.00 MPa	[23.36%]
8.34 m	107.63 kNm	4.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.77 MPa	140.00 MPa	[23.41%]
7.84 m	111.07 kNm	4.87 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.83 MPa	140.00 MPa	[23.45%]
7.34 m	114.54 kNm	5.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.89 MPa	140.00 MPa	[23.49%]
6.84 m	118.05 kNm	5.16 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.94 MPa	140.00 MPa	[23.53%]
6.34 m	121.59 kNm	5.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.98 MPa	140.00 MPa	[23.55%]
5.84 m	125.17 kNm	5.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.01 MPa	140.00 MPa	[23.58%]
5.34 m	128.78 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.06 MPa	140.00 MPa	[23.61%]
5.34 m	128.78 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.00 MPa	140.00 MPa	[25.00%]
4.72 m	133.34 kNm	6.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.99 MPa	140.00 MPa	[24.99%]
4.09 m	137.95 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.96 MPa	140.00 MPa	[24.97%]
3.49 m	142.39 kNm	6.48 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.59 MPa	80.00 MPa	[46.99%]
3.47 m	142.61 kNm	6.49 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.60 MPa	80.00 MPa	[47.00%]
2.84 m	147.31 kNm	6.69 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.90 MPa	140.00 MPa	[24.93%]
2.22 m	152.06 kNm	6.90 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.86 MPa	140.00 MPa	[24.90%]
1.59 m	156.83 kNm	7.10 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.34 MPa	80.00 MPa	[46.67%]
1.24 m	159.52 kNm	7.22 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.28 MPa	80.00 MPa	[46.60%]
0.97 m	161.65 kNm	7.31 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	37.24 MPa	80.00 MPa	[46.55%]
0.34 m	166.49 kNm	7.53 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.69 MPa	140.00 MPa	[24.78%]
0.34 m	166.49 kNm	7.53 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	34.69 MPa	71.00 MPa	[48.87%]
0.25 m	166.49 kNm	8.08 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	25.08 MPa	36.00 MPa	[69.67%]

SOUTH EAST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.04 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.09 MPa	140.00 MPa	[0.06%]
29.62 m	1.19 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.82 MPa	80.00 MPa	[4.78%]
29.49 m	1.59 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	5.03 MPa	80.00 MPa	[6.29%]
29.01 m	3.09 kNm	0.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.37 MPa	140.00 MPa	[5.98%]
28.40 m	5.01 kNm	0.50 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.54 MPa	140.00 MPa	[8.96%]
27.78 m	6.97 kNm	0.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.21 MPa	140.00 MPa	[11.58%]
27.17 m	8.98 kNm	0.59 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.44 MPa	140.00 MPa	[13.89%]
26.56 m	11.03 kNm	0.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.31 MPa	140.00 MPa	[15.93%]
25.95 m	13.13 kNm	0.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.86 MPa	140.00 MPa	[17.76%]
25.34 m	15.28 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.14 MPa	140.00 MPa	[19.39%]
25.34 m	15.28 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.05 MPa	140.00 MPa	[17.18%]
24.84 m	17.59 kNm	1.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.33 MPa	140.00 MPa	[18.81%]
24.34 m	20.97 kNm	1.33 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.82 MPa	140.00 MPa	[21.30%]
23.84 m	24.38 kNm	1.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.97 MPa	140.00 MPa	[23.55%]
23.34 m	27.81 kNm	1.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.84 MPa	140.00 MPa	[25.60%]
22.84 m	31.28 kNm	1.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.44 MPa	140.00 MPa	[27.46%]
22.34 m	34.77 kNm	1.55 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	40.80 MPa	140.00 MPa	[29.14%]
21.84 m	38.30 kNm	1.60 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.96 MPa	140.00 MPa	[30.68%]
21.34 m	41.86 kNm	1.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	44.92 MPa	140.00 MPa	[32.09%]
20.84 m	45.46 kNm	1.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	46.72 MPa	140.00 MPa	[33.37%]
20.34 m	49.09 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	48.38 MPa	140.00 MPa	[34.55%]
20.34 m	49.09 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.73 MPa	140.00 MPa	[27.66%]
19.84 m	52.76 kNm	1.97 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.86 MPa	140.00 MPa	[28.47%]
19.34 m	56.46 kNm	2.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	40.90 MPa	140.00 MPa	[29.21%]
18.84 m	60.20 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.84 MPa	140.00 MPa	[29.89%]
18.34 m	63.97 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.70 MPa	140.00 MPa	[30.50%]
17.84 m	67.79 kNm	2.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	43.49 MPa	140.00 MPa	[31.06%]
17.34 m	71.64 kNm	2.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	44.21 MPa	140.00 MPa	[31.58%]
16.84 m	75.53 kNm	2.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	44.87 MPa	140.00 MPa	[32.05%]
16.34 m	79.46 kNm	2.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.47 MPa	140.00 MPa	[32.48%]
15.84 m	83.43 kNm	2.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	46.02 MPa	140.00 MPa	[32.87%]
15.34 m	87.45 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	46.54 MPa	140.00 MPa	[33.24%]
15.34 m	87.45 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	49.37 MPa	140.00 MPa	[35.27%]
14.84 m	91.50 kNm	3.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	49.83 MPa	140.00 MPa	[35.59%]
14.34 m	95.60 kNm	3.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	50.25 MPa	140.00 MPa	[35.89%]
13.84 m	99.74 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	50.63 MPa	140.00 MPa	[36.16%]
13.34 m	103.92 kNm	3.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	50.98 MPa	140.00 MPa	[36.41%]
12.84 m	108.15 kNm	3.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	51.29 MPa	140.00 MPa	[36.64%]
12.34 m	112.41 kNm	3.51 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	51.58 MPa	140.00 MPa	[36.84%]
11.84 m	116.72 kNm	3.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	51.84 MPa	140.00 MPa	[37.03%]
11.34 m	121.08 kNm	3.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	52.08 MPa	140.00 MPa	[37.20%]
10.84 m	125.48 kNm	3.82 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	52.30 MPa	140.00 MPa	[37.36%]
10.34 m	129.93 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	52.51 MPa	140.00 MPa	[37.51%]
10.34 m	129.93 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	44.65 MPa	140.00 MPa	[31.90%]
9.84 m	134.42 kNm	4.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	44.77 MPa	140.00 MPa	[31.98%]
9.34 m	138.96 kNm	4.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	44.87 MPa	140.00 MPa	[32.05%]
8.84 m	143.55 kNm	4.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	44.96 MPa	140.00 MPa	[32.11%]
8.34 m	148.18 kNm	4.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.03 MPa	140.00 MPa	[32.17%]

7.84 m	152.86 kNm	4.87 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.10 MPa	140.00 MPa	[32.21%]
7.34 m	157.59 kNm	5.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.16 MPa	140.00 MPa	[32.26%]
6.84 m	162.36 kNm	5.16 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.21 MPa	140.00 MPa	[32.29%]
6.34 m	167.17 kNm	5.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.25 MPa	140.00 MPa	[32.32%]
5.84 m	172.01 kNm	5.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.27 MPa	140.00 MPa	[32.34%]
5.34 m	176.88 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	45.30 MPa	140.00 MPa	[32.36%]
5.34 m	176.88 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.97 MPa	140.00 MPa	[34.27%]
4.72 m	182.99 kNm	6.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.91 MPa	140.00 MPa	[34.22%]
4.09 m	189.14 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.84 MPa	140.00 MPa	[34.17%]
3.49 m	195.04 kNm	6.48 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	51.39 MPa	80.00 MPa	[64.24%]
3.47 m	195.33 kNm	6.49 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	51.40 MPa	80.00 MPa	[64.24%]
2.84 m	201.54 kNm	6.69 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.64 MPa	140.00 MPa	[34.03%]
2.22 m	207.79 kNm	6.90 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.53 MPa	140.00 MPa	[33.95%]
1.59 m	214.07 kNm	7.10 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	50.86 MPa	80.00 MPa	[63.57%]
1.24 m	217.61 kNm	7.22 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	50.75 MPa	80.00 MPa	[63.44%]
0.97 m	220.40 kNm	7.31 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	50.67 MPa	80.00 MPa	[63.33%]
0.34 m	226.76 kNm	7.53 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	47.14 MPa	140.00 MPa	[33.67%]
0.34 m	226.76 kNm	7.53 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	47.14 MPa	71.00 MPa	[66.40%]
0.25 m	226.76 kNm	8.08 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	34.30 MPa	36.00 MPa	[95.26%]

SOUTH WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.04 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.07 MPa	140.00 MPa	[0.05%]
29.62 m	1.02 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.31 MPa	80.00 MPa	[4.14%]
29.49 m	1.37 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	4.35 MPa	80.00 MPa	[5.44%]
29.01 m	2.67 kNm	0.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	7.24 MPa	140.00 MPa	[5.17%]
28.40 m	4.32 kNm	0.50 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.84 MPa	140.00 MPa	[7.74%]
27.78 m	6.01 kNm	0.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.00 MPa	140.00 MPa	[10.00%]
27.17 m	7.74 kNm	0.59 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.78 MPa	140.00 MPa	[11.98%]
26.56 m	9.51 kNm	0.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.24 MPa	140.00 MPa	[13.74%]
25.95 m	11.31 kNm	0.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	21.43 MPa	140.00 MPa	[15.30%]
25.34 m	13.15 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.38 MPa	140.00 MPa	[16.70%]
25.34 m	13.15 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	20.71 MPa	140.00 MPa	[14.79%]
24.84 m	15.08 kNm	1.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.61 MPa	140.00 MPa	[16.15%]
24.34 m	17.83 kNm	1.33 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.39 MPa	140.00 MPa	[18.13%]
23.84 m	20.61 kNm	1.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.90 MPa	140.00 MPa	[19.93%]
23.34 m	23.40 kNm	1.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.19 MPa	140.00 MPa	[21.56%]
22.84 m	26.22 kNm	1.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.26 MPa	140.00 MPa	[23.04%]
22.34 m	29.07 kNm	1.55 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.14 MPa	140.00 MPa	[24.39%]
21.84 m	31.94 kNm	1.60 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.86 MPa	140.00 MPa	[25.61%]
21.34 m	34.84 kNm	1.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.42 MPa	140.00 MPa	[26.73%]
20.84 m	37.77 kNm	1.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.85 MPa	140.00 MPa	[27.75%]
20.34 m	40.73 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	40.17 MPa	140.00 MPa	[28.69%]
20.34 m	40.73 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.16 MPa	140.00 MPa	[22.97%]
19.84 m	43.71 kNm	1.97 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.06 MPa	140.00 MPa	[23.61%]
19.34 m	46.73 kNm	2.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.88 MPa	140.00 MPa	[24.20%]
18.84 m	49.77 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.63 MPa	140.00 MPa	[24.73%]
18.34 m	52.84 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.31 MPa	140.00 MPa	[25.22%]
17.84 m	55.95 kNm	2.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	35.93 MPa	140.00 MPa	[25.66%]
17.34 m	59.08 kNm	2.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.49 MPa	140.00 MPa	[26.07%]
16.84 m	62.25 kNm	2.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.01 MPa	140.00 MPa	[26.44%]
16.34 m	65.44 kNm	2.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.48 MPa	140.00 MPa	[26.77%]
15.84 m	68.67 kNm	2.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.92 MPa	140.00 MPa	[27.08%]
15.34 m	71.94 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.32 MPa	140.00 MPa	[27.37%]
15.34 m	71.94 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	40.66 MPa	140.00 MPa	[29.04%]
14.84 m	75.24 kNm	3.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.01 MPa	140.00 MPa	[29.29%]
14.34 m	78.57 kNm	3.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.34 MPa	140.00 MPa	[29.53%]
13.84 m	81.93 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.63 MPa	140.00 MPa	[29.74%]
13.34 m	85.33 kNm	3.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	41.90 MPa	140.00 MPa	[29.93%]
12.84 m	88.76 kNm	3.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.14 MPa	140.00 MPa	[30.10%]
12.34 m	92.23 kNm	3.51 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.36 MPa	140.00 MPa	[30.26%]
11.84 m	95.73 kNm	3.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.56 MPa	140.00 MPa	[30.40%]
11.34 m	99.26 kNm	3.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.74 MPa	140.00 MPa	[30.53%]
10.84 m	102.83 kNm	3.82 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	42.90 MPa	140.00 MPa	[30.65%]
10.34 m	106.44 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	43.07 MPa	140.00 MPa	[30.76%]
10.34 m	106.44 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.62 MPa	140.00 MPa	[26.16%]
9.84 m	110.08 kNm	4.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.70 MPa	140.00 MPa	[26.21%]
9.34 m	113.76 kNm	4.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.77 MPa	140.00 MPa	[26.27%]
8.84 m	117.48 kNm	4.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.83 MPa	140.00 MPa	[26.31%]
8.34 m	121.23 kNm	4.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.88 MPa	140.00 MPa	[26.35%]
7.84 m	125.02 kNm	4.87 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.93 MPa	140.00 MPa	[26.38%]
7.34 m	128.84 kNm	5.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.96 MPa	140.00 MPa	[26.40%]
6.84 m	132.70 kNm	5.16 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	36.99 MPa	140.00 MPa	[26.42%]
6.34 m	136.59 kNm	5.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.01 MPa	140.00 MPa	[26.44%]
5.84 m	140.50 kNm	5.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.03 MPa	140.00 MPa	[26.45%]
5.34 m	144.43 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	37.04 MPa	140.00 MPa	[26.46%]
5.34 m	144.43 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.22 MPa	140.00 MPa	[28.02%]
4.72 m	149.36 kNm	6.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.16 MPa	140.00 MPa	[27.97%]
4.09 m	154.31 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	39.08 MPa	140.00 MPa	[27.91%]
3.49 m	159.07 kNm	6.48 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	41.96 MPa	80.00 MPa	[52.46%]
3.47 m	159.29 kNm	6.49 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	41.97 MPa	80.00 MPa	[52.46%]
2.84 m	164.30 kNm	6.69 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.89 MPa	140.00 MPa	[27.78%]
2.22 m	169.33 kNm	6.90 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.79 MPa	140.00 MPa	[27.70%]
1.59 m	174.38 kNm	7.10 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	41.48 MPa	80.00 MPa	[51.85%]
1.24 m	177.22 kNm	7.22 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	41.38 MPa	80.00 MPa	[51.73%]
0.97 m	179.46 kNm	7.31 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	41.31 MPa	80.00 MPa	[51.64%]
0.34 m	184.57 kNm	7.53 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	38.43 MPa	140.00 MPa	[27.45%]
0.34 m	184.57 kNm	7.53 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	38.43 MPa	71.00 MPa	[54.13%]
0.25 m	184.57 kNm	8.08 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	27.85 MPa	36.00 MPa	[77.35%]

SOUTH WEST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.04 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.04%]
29.62 m	0.73 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.37 MPa	80.00 MPa	[2.96%]
29.49 m	0.97 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.11 MPa	80.00 MPa	[3.89%]
29.01 m	1.89 kNm	0.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	5.16 MPa	140.00 MPa	[3.68%]
28.40 m	3.07 kNm	0.50 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	7.72 MPa	140.00 MPa	[5.51%]
27.78 m	4.27 kNm	0.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	9.97 MPa	140.00 MPa	[7.12%]

27.17 m	5.50 kNm	0.59 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	11.96 MPa	140.00 MPa	[8.54%]
26.56 m	6.77 kNm	0.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.73 MPa	140.00 MPa	[9.81%]
25.95 m	8.06 kNm	0.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	15.31 MPa	140.00 MPa	[10.93%]
25.34 m	9.39 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.72 MPa	140.00 MPa	[11.95%]
25.34 m	9.39 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.81 MPa	140.00 MPa	[10.58%]
24.84 m	10.86 kNm	1.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.32 MPa	140.00 MPa	[11.66%]
24.34 m	13.08 kNm	1.33 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	18.66 MPa	140.00 MPa	[13.33%]
23.84 m	15.32 kNm	1.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	20.79 MPa	140.00 MPa	[14.85%]
23.34 m	17.57 kNm	1.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.71 MPa	140.00 MPa	[16.22%]
22.84 m	19.85 kNm	1.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.46 MPa	140.00 MPa	[17.47%]
22.34 m	22.15 kNm	1.55 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.06 MPa	140.00 MPa	[18.61%]
21.84 m	24.46 kNm	1.60 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.51 MPa	140.00 MPa	[19.65%]
21.34 m	26.80 kNm	1.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.83 MPa	140.00 MPa	[20.59%]
20.84 m	29.16 kNm	1.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.04 MPa	140.00 MPa	[21.46%]
20.34 m	31.54 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.16 MPa	140.00 MPa	[22.25%]
20.34 m	31.54 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.94 MPa	140.00 MPa	[17.81%]
19.84 m	33.94 kNm	1.97 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.71 MPa	140.00 MPa	[18.36%]
19.34 m	36.36 kNm	2.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.40 MPa	140.00 MPa	[18.86%]
18.84 m	38.81 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.04 MPa	140.00 MPa	[19.31%]
18.34 m	41.28 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.62 MPa	140.00 MPa	[19.73%]
17.84 m	43.77 kNm	2.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.15 MPa	140.00 MPa	[20.11%]
17.34 m	46.29 kNm	2.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.63 MPa	140.00 MPa	[20.45%]
16.84 m	48.83 kNm	2.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.07 MPa	140.00 MPa	[20.76%]
16.34 m	51.39 kNm	2.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.47 MPa	140.00 MPa	[21.05%]
15.84 m	53.97 kNm	2.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.84 MPa	140.00 MPa	[21.32%]
15.34 m	56.59 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.19 MPa	140.00 MPa	[21.56%]
15.34 m	56.59 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.03 MPa	140.00 MPa	[22.88%]
14.84 m	59.23 kNm	3.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.33 MPa	140.00 MPa	[23.09%]
14.34 m	61.89 kNm	3.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.61 MPa	140.00 MPa	[23.29%]
13.84 m	64.57 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.86 MPa	140.00 MPa	[23.47%]
13.34 m	67.28 kNm	3.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.08 MPa	140.00 MPa	[23.63%]
12.84 m	70.02 kNm	3.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.29 MPa	140.00 MPa	[23.78%]
12.34 m	72.78 kNm	3.51 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.48 MPa	140.00 MPa	[23.91%]
11.84 m	75.56 kNm	3.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.64 MPa	140.00 MPa	[24.03%]
11.34 m	78.37 kNm	3.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.80 MPa	140.00 MPa	[24.14%]
10.84 m	81.20 kNm	3.82 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.93 MPa	140.00 MPa	[24.24%]
10.34 m	84.07 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.07 MPa	140.00 MPa	[24.34%]
10.34 m	84.07 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.97 MPa	140.00 MPa	[20.69%]
9.84 m	86.96 kNm	4.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.04 MPa	140.00 MPa	[20.74%]
9.34 m	89.87 kNm	4.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.10 MPa	140.00 MPa	[20.78%]
8.84 m	92.81 kNm	4.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.15 MPa	140.00 MPa	[20.82%]
8.34 m	95.78 kNm	4.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.19 MPa	140.00 MPa	[20.85%]
7.84 m	98.77 kNm	4.87 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.22 MPa	140.00 MPa	[20.87%]
7.34 m	101.79 kNm	5.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.25 MPa	140.00 MPa	[20.90%]
6.84 m	104.84 kNm	5.16 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.28 MPa	140.00 MPa	[20.91%]
6.34 m	107.91 kNm	5.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.29 MPa	140.00 MPa	[20.92%]
5.84 m	111.00 kNm	5.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.30 MPa	140.00 MPa	[20.93%]
5.34 m	114.11 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.32 MPa	140.00 MPa	[20.94%]
5.34 m	114.11 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.04 MPa	140.00 MPa	[22.17%]
4.72 m	118.01 kNm	6.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.00 MPa	140.00 MPa	[22.14%]
4.09 m	121.93 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.94 MPa	140.00 MPa	[22.10%]
3.49 m	125.69 kNm	6.48 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.22 MPa	80.00 MPa	[41.52%]
3.47 m	125.87 kNm	6.49 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.22 MPa	80.00 MPa	[41.52%]
2.84 m	129.83 kNm	6.69 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.79 MPa	140.00 MPa	[22.00%]
2.22 m	133.82 kNm	6.90 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.71 MPa	140.00 MPa	[21.94%]
1.59 m	137.82 kNm	7.10 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.84 MPa	80.00 MPa	[41.06%]
1.24 m	140.07 kNm	7.22 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.77 MPa	80.00 MPa	[40.96%]
0.97 m	141.85 kNm	7.31 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.71 MPa	80.00 MPa	[40.89%]
0.34 m	145.90 kNm	7.53 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.44 MPa	140.00 MPa	[21.74%]
0.34 m	145.90 kNm	7.53 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	30.44 MPa	71.00 MPa	[42.87%]
0.25 m	145.90 kNm	8.08 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	21.93 MPa	36.00 MPa	[60.92%]

WEST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.01 kNm	0.04 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.05 MPa	140.00 MPa	[0.04%]
29.62 m	0.63 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.06 MPa	80.00 MPa	[2.58%]
29.49 m	0.85 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.71 MPa	80.00 MPa	[3.39%]
29.01 m	1.64 kNm	0.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	4.49 MPa	140.00 MPa	[3.21%]
28.40 m	2.66 kNm	0.50 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	6.71 MPa	140.00 MPa	[4.80%]
27.78 m	3.71 kNm	0.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.68 MPa	140.00 MPa	[6.20%]
27.17 m	4.79 kNm	0.59 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.41 MPa	140.00 MPa	[7.44%]
26.56 m	5.89 kNm	0.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	11.96 MPa	140.00 MPa	[8.54%]
25.95 m	7.02 kNm	0.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	13.34 MPa	140.00 MPa	[9.53%]
25.34 m	8.18 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.59 MPa	140.00 MPa	[10.42%]
25.34 m	8.18 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.92 MPa	140.00 MPa	[9.23%]
24.84 m	9.50 kNm	1.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.30 MPa	140.00 MPa	[10.22%]
24.34 m	11.55 kNm	1.33 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.50 MPa	140.00 MPa	[11.79%]
23.84 m	13.61 kNm	1.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	18.49 MPa	140.00 MPa	[13.21%]
23.34 m	15.69 kNm	1.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	20.30 MPa	140.00 MPa	[14.50%]
22.84 m	17.79 kNm	1.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	21.94 MPa	140.00 MPa	[15.67%]
22.34 m	19.91 kNm	1.55 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.44 MPa	140.00 MPa	[16.74%]
21.84 m	22.04 kNm	1.60 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.80 MPa	140.00 MPa	[17.71%]
21.34 m	24.19 kNm	1.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.04 MPa	140.00 MPa	[18.60%]
20.84 m	26.36 kNm	1.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.17 MPa	140.00 MPa	[19.41%]
20.34 m	28.55 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.23 MPa	140.00 MPa	[20.16%]
20.34 m	28.55 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	22.59 MPa	140.00 MPa	[16.14%]
19.84 m	30.76 kNm	1.97 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.31 MPa	140.00 MPa	[16.65%]
19.34 m	32.99 kNm	2.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.97 MPa	140.00 MPa	[17.12%]
18.84 m	35.24 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	24.57 MPa	140.00 MPa	[17.55%]
18.34 m	37.51 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.11 MPa	140.00 MPa	[17.94%]
17.84 m	39.80 kNm	2.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.61 MPa	140.00 MPa	[18.29%]
17.34 m	42.11 kNm	2.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.06 MPa	140.00 MPa	[18.62%]
16.84 m	44.44 kNm	2.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.48 MPa	140.00 MPa	[18.91%]
16.34 m	46.79 kNm	2.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.85 MPa	140.00 MPa	[19.18%]
15.84 m	49.16 kNm	2.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.20 MPa	140.00 MPa	[19.43%]
15.34 m	51.56 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.53 MPa	140.00 MPa	[19.66%]
15.34 m	51.56 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.20 MPa	140.00 MPa	[20.86%]
14.84 m	53.98 kNm	3.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.48 MPa	140.00 MPa	[21.06%]
14.34 m	56.41 kNm	3.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.74 MPa	140.00 MPa	[21.24%]

13.84 m	58.87 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.98 MPa	140.00 MPa	[21.41%]
13.34 m	61.35 kNm	3.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.19 MPa	140.00 MPa	[21.56%]
12.84 m	63.85 kNm	3.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.38 MPa	140.00 MPa	[21.70%]
12.34 m	66.37 kNm	3.51 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.55 MPa	140.00 MPa	[21.82%]
11.84 m	68.91 kNm	3.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.70 MPa	140.00 MPa	[21.93%]
11.34 m	71.47 kNm	3.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.84 MPa	140.00 MPa	[22.03%]
10.84 m	74.06 kNm	3.82 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.97 MPa	140.00 MPa	[22.12%]
10.34 m	76.67 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.09 MPa	140.00 MPa	[22.21%]
10.34 m	76.67 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.44 MPa	140.00 MPa	[18.88%]
9.84 m	79.30 kNm	4.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.50 MPa	140.00 MPa	[18.93%]
9.34 m	81.95 kNm	4.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.55 MPa	140.00 MPa	[18.96%]
8.84 m	84.62 kNm	4.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.59 MPa	140.00 MPa	[19.00%]
8.34 m	87.31 kNm	4.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.63 MPa	140.00 MPa	[19.02%]
7.84 m	90.02 kNm	4.87 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.65 MPa	140.00 MPa	[19.04%]
7.34 m	92.74 kNm	5.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.67 MPa	140.00 MPa	[19.05%]
6.84 m	95.49 kNm	5.16 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.69 MPa	140.00 MPa	[19.06%]
6.34 m	98.25 kNm	5.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.69 MPa	140.00 MPa	[19.07%]
5.84 m	101.03 kNm	5.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.69 MPa	140.00 MPa	[19.07%]
5.34 m	103.83 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.70 MPa	140.00 MPa	[19.07%]
5.34 m	103.83 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.27 MPa	140.00 MPa	[20.20%]
4.72 m	107.34 kNm	6.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.22 MPa	140.00 MPa	[20.16%]
4.09 m	110.87 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.16 MPa	140.00 MPa	[20.11%]
3.49 m	114.26 kNm	6.48 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	30.22 MPa	80.00 MPa	[37.78%]
3.47 m	114.43 kNm	6.49 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	30.22 MPa	80.00 MPa	[37.78%]
2.84 m	118.00 kNm	6.69 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.01 MPa	140.00 MPa	[20.01%]
2.22 m	121.59 kNm	6.90 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.93 MPa	140.00 MPa	[19.95%]
1.59 m	125.20 kNm	7.10 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.86 MPa	80.00 MPa	[37.33%]
1.24 m	127.23 kNm	7.22 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.79 MPa	80.00 MPa	[37.24%]
0.97 m	128.84 kNm	7.31 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	29.74 MPa	80.00 MPa	[37.17%]
0.34 m	132.50 kNm	7.53 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.67 MPa	140.00 MPa	[19.77%]
0.34 m	132.50 kNm	7.53 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	27.67 MPa	71.00 MPa	[38.97%]
0.25 m	132.50 kNm	8.08 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	19.88 MPa	36.00 MPa	[55.21%]

NORTH WEST WIND

RL	MOMENT	AXIAL	DETAIL	DESCRIPTION	STRESS	LIMIT	UTILISATION
30.84 m	0.00 kNm	0.00 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.00 MPa	140.00 MPa	[0.00%]
30.23 m	0.02 kNm	0.04 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	0.06 MPa	140.00 MPa	[0.04%]
29.62 m	0.79 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	2.56 MPa	80.00 MPa	[3.20%]
29.49 m	1.06 kNm	0.42 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	3.36 MPa	80.00 MPa	[4.20%]
29.01 m	2.05 kNm	0.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	5.58 MPa	140.00 MPa	[3.99%]
28.40 m	3.32 kNm	0.50 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	8.35 MPa	140.00 MPa	[5.97%]
27.78 m	4.62 kNm	0.54 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	10.79 MPa	140.00 MPa	[7.70%]
27.17 m	5.96 kNm	0.59 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	12.93 MPa	140.00 MPa	[9.24%]
26.56 m	7.32 kNm	0.63 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	14.83 MPa	140.00 MPa	[10.60%]
25.95 m	8.71 kNm	0.68 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	16.52 MPa	140.00 MPa	[11.80%]
25.34 m	10.13 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	18.04 MPa	140.00 MPa	[12.88%]
25.34 m	10.13 kNm	0.79 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	15.98 MPa	140.00 MPa	[11.41%]
24.84 m	11.65 kNm	1.28 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	17.50 MPa	140.00 MPa	[12.50%]
24.34 m	13.86 kNm	1.33 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	19.77 MPa	140.00 MPa	[14.12%]
23.84 m	16.08 kNm	1.39 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	21.82 MPa	140.00 MPa	[15.58%]
23.34 m	18.32 kNm	1.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	23.67 MPa	140.00 MPa	[16.91%]
22.84 m	20.59 kNm	1.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.36 MPa	140.00 MPa	[18.12%]
22.34 m	22.87 kNm	1.55 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.90 MPa	140.00 MPa	[19.21%]
21.84 m	25.17 kNm	1.60 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.30 MPa	140.00 MPa	[20.21%]
21.34 m	27.49 kNm	1.66 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.57 MPa	140.00 MPa	[21.12%]
20.84 m	29.83 kNm	1.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.73 MPa	140.00 MPa	[21.95%]
20.34 m	32.20 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.81 MPa	140.00 MPa	[22.72%]
20.34 m	32.20 kNm	1.89 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	25.46 MPa	140.00 MPa	[18.19%]
19.84 m	34.59 kNm	1.97 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.19 MPa	140.00 MPa	[18.71%]
19.34 m	37.00 kNm	2.05 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	26.86 MPa	140.00 MPa	[19.19%]
18.84 m	39.43 kNm	2.14 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	27.47 MPa	140.00 MPa	[19.62%]
18.34 m	41.89 kNm	2.22 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.02 MPa	140.00 MPa	[20.02%]
17.84 m	44.36 kNm	2.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.53 MPa	140.00 MPa	[20.38%]
17.34 m	46.86 kNm	2.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	28.99 MPa	140.00 MPa	[20.70%]
16.84 m	49.39 kNm	2.49 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.40 MPa	140.00 MPa	[21.00%]
16.34 m	51.93 kNm	2.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.79 MPa	140.00 MPa	[21.28%]
15.84 m	54.51 kNm	2.67 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.13 MPa	140.00 MPa	[21.52%]
15.34 m	57.10 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.46 MPa	140.00 MPa	[21.76%]
15.34 m	57.10 kNm	2.92 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.31 MPa	140.00 MPa	[23.08%]
14.84 m	59.72 kNm	3.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.60 MPa	140.00 MPa	[23.29%]
14.34 m	62.37 kNm	3.11 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	32.86 MPa	140.00 MPa	[23.47%]
13.84 m	65.03 kNm	3.20 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.09 MPa	140.00 MPa	[23.64%]
13.34 m	67.72 kNm	3.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.30 MPa	140.00 MPa	[23.79%]
12.84 m	70.44 kNm	3.40 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.49 MPa	140.00 MPa	[23.92%]
12.34 m	73.18 kNm	3.51 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.66 MPa	140.00 MPa	[24.04%]
11.84 m	75.94 kNm	3.61 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.81 MPa	140.00 MPa	[24.15%]
11.34 m	78.73 kNm	3.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	33.95 MPa	140.00 MPa	[24.25%]
10.84 m	81.54 kNm	3.82 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.07 MPa	140.00 MPa	[24.34%]
10.34 m	84.38 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	34.20 MPa	140.00 MPa	[24.43%]
10.34 m	84.38 kNm	4.17 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.07 MPa	140.00 MPa	[20.77%]
9.84 m	87.24 kNm	4.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.13 MPa	140.00 MPa	[20.81%]
9.34 m	90.13 kNm	4.44 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.18 MPa	140.00 MPa	[20.84%]
8.84 m	93.03 kNm	4.58 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.22 MPa	140.00 MPa	[20.87%]
8.34 m	95.96 kNm	4.72 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.24 MPa	140.00 MPa	[20.89%]
7.84 m	98.91 kNm	4.87 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.27 MPa	140.00 MPa	[20.90%]
7.34 m	101.89 kNm	5.01 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.28 MPa	140.00 MPa	[20.91%]
6.84 m	104.88 kNm	5.16 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.29 MPa	140.00 MPa	[20.92%]
6.34 m	107.90 kNm	5.31 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.29 MPa	140.00 MPa	[20.92%]
5.84 m	110.92 kNm	5.46 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.28 MPa	140.00 MPa	[20.92%]
5.34 m	113.98 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	29.29 MPa	140.00 MPa	[20.92%]
5.34 m	113.98 kNm	5.91 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	31.01 MPa	140.00 MPa	[22.15%]
4.72 m	117.80 kNm	6.10 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.94 MPa	140.00 MPa	[22.10%]
4.09 m	121.65 kNm	6.30 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.86 MPa	140.00 MPa	[22.05%]
3.49 m	125.34 kNm	6.48 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.12 MPa	80.00 MPa	[41.40%]
3.47 m	125.51 kNm	6.49 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	33.12 MPa	80.00 MPa	[41.41%]
2.84 m	129.40 kNm	6.69 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.69 MPa	140.00 MPa	[21.92%]
2.22 m	133.31 kNm	6.90 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.60 MPa	140.00 MPa	[21.86%]
1.59 m	137.24 kNm	7.10 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.71 MPa	80.00 MPa	[40.88%]
1.24 m	139.45 kNm	7.22 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.63 MPa	80.00 MPa	[40.78%]
0.97 m	141.19 kNm	7.31 kN	TABLE 11.5.1(2) DETAIL 39	REINFORCEMENT	32.56 MPa	80.00 MPa	[40.70%]
0.34 m	145.17 kNm	7.53 kN	TABLE 11.5.1(4) DETAIL 43	SEAM WELD	30.29 MPa	140.00 MPa	[21.64%]

0.34 m	145.17 kNm	7.53 kN	EN 1993-1-9 TABLE 8.5 DETAIL 1	WELDED PLATE	30.29 MPa	71.00 MPa	[42.66%]
0.25 m	145.17 kNm	8.08 kN	TABLE 11.5.1(3) DETAIL 42	26 × M36 BOLTS	21.82 MPa	36.00 MPa	[60.60%]

----- FOUNDATION DESIGN -----

GEOTECHNICAL FACTOR OF SAFETY (FOS): 3.00 (refer site geotechnical report)
GEOTECHNICAL STRENGTH REDUCTION FACTOR (ϕg): 0.50 (AS 5100.3 Table 10.3.3(A))

STRATA

ID	TYPE	CLASS	DEPTH	γ	pa	c	ϕ	COF
01	CLAY	V. SOFT	1.00 m	18.0 kN/m³	50 kPa	25 kPa	0°	0.40
02	SANDY CLAY	FIRM	2.50 m	17.5 kN/m³	100 kPa	50 kPa	0°	0.40
03	SAND	MEDIUM	5.00 m	16.0 kN/m³	250 kPa	0 kPa	40°	0.45

PAD FOUNDATION

ORIENTATION: 0.0°
PLINTH: CIRCULAR
BASE WIDTH (x): 5000 mm
BASE LENGTH (y): 5000 mm
BASE HEIGHT: 1500 mm
BASE DEPTH BGL: 1750 mm
PLINTH WIDTH: 1250 mm
PLINTH HEIGHT: 500 mm
OFFSET (x): 0 mm
OFFSET (y): 0 mm

• Pad foundation analysis based on the iterative procedure outlined in Wilson 1997.

• Note that pmax* values below have been converted to allowable design bearing stresses by dividing the calculated ultimate bearing stresses by (FOS × ϕg).

LOAD CASE 1: 1.2 G + Pu + Wu

BASE N*: 1259.83 kN

RESISTING Mx: 3149.56 kNm
RESISTING My: 3149.56 kNm

RESISTING V = ϕg × μ × N*
= 0.50 × 0.40 × 1259.83
= 251.97 kN

WIND	BASE Mx*	BASE My*	BASE Vx*	BASE Vy*	ex	ey	pmax*	AREA	BEARING	SLIDING	OVERTURNING
N	0.00 kNm	-757.04 kNm	0.00 kN	-31.40 kN	0 mm	-601 mm	58 kPa	100.00%	[58.00%]	[12.46%]	[24.04%]
NE	-508.86 kNm	-508.86 kNm	-21.35 kN	-21.35 kN	-404 mm	-404 mm	66 kPa	100.00%	[66.00%]	[8.47%]	[16.16%]
E	-915.37 kNm	0.00 kNm	-39.59 kN	0.00 kN	-727 mm	0 mm	63 kPa	100.00%	[63.00%]	[15.71%]	[29.06%]
SE	-878.94 kNm	878.94 kNm	-36.79 kN	36.79 kN	-698 mm	698 mm	93 kPa	89.42%	[93.00%]	[14.60%]	[27.91%]
S	0.00 kNm	1010.72 kNm	0.00 kN	41.81 kN	0 mm	802 mm	66 kPa	100.00%	[66.00%]	[16.60%]	[32.09%]
SW	565.21 kNm	565.21 kNm	23.51 kN	23.51 kN	449 mm	449 mm	70 kPa	99.76%	[70.00%]	[9.33%]	[17.95%]
W	725.60 kNm	0.00 kNm	30.05 kN	0.00 kN	576 mm	0 mm	57 kPa	100.00%	[57.00%]	[11.93%]	[23.04%]
NW	561.84 kNm	-561.84 kNm	23.11 kN	-23.11 kN	446 mm	-446 mm	69 kPa	99.82%	[69.00%]	[9.17%]	[17.84%]

LOAD CASE 2: 0.9 G + Pu + Wu

BASE N*: 944.87 kN

RESISTING Mx: 2362.17 kNm
RESISTING My: 2362.17 kNm

RESISTING V = ϕg × μ × N*
= 0.50 × 0.40 × 944.87
= 188.97 kN

WIND	BASE Mx*	BASE My*	BASE Vx*	BASE Vy*	ex	ey	pmax*	AREA	BEARING	SLIDING	OVERTURNING
N	0.00 kNm	-753.88 kNm	0.00 kN	-31.40 kN	0 mm	-798 mm	49 kPa	100.00%	[49.00%]	[16.62%]	[31.91%]
NE	-506.76 kNm	-506.76 kNm	-21.35 kN	-21.35 kN	-536 mm	-536 mm	58 kPa	97.36%	[58.00%]	[11.30%]	[21.45%]
E	-911.64 kNm	0.00 kNm	-39.59 kN	0.00 kN	-965 mm	0 mm	55 kPa	92.10%	[55.00%]	[20.95%]	[38.59%]
SE	-875.30 kNm	875.30 kNm	-36.79 kN	36.79 kN	-926 mm	926 mm	94 kPa	74.08%	[94.00%]	[19.47%]	[37.05%]
S	0.00 kNm	1006.50 kNm	0.00 kN	41.81 kN	0 mm	1065 mm	59 kPa	86.10%	[59.00%]	[22.13%]	[42.61%]
SW	562.86 kNm	562.86 kNm	23.51 kN	23.51 kN	596 mm	596 mm	62 kPa	94.88%	[62.00%]	[12.44%]	[23.83%]
W	722.58 kNm	0.00 kNm	30.05 kN	0.00 kN	765 mm	0 mm	48 kPa	100.00%	[48.00%]	[15.90%]	[30.59%]
NW	559.48 kNm	-559.48 kNm	23.11 kN	-23.11 kN	592 mm	-592 mm	62 kPa	94.88%	[62.00%]	[12.23%]	[23.69%]

LOAD CASE 4: G + Ps + Ws

BASE N*: 1049.85 kN

RESISTING Mx: 2624.64 kNm
RESISTING My: 2624.64 kNm

RESISTING V = ϕg × μ × N*
= 0.50 × 0.40 × 1049.85
= 209.97 kN

WIND	BASE Mx*	BASE My*	BASE Vx*	BASE Vy*	ex	ey	pmax*	AREA	BEARING	SLIDING	OVERTURNING
N	0.00 kNm	-302.68 kNm	0.00 kN	-12.49 kN	0 mm	-288 mm	38 kPa	100.00%	[38.00%]	[5.95%]	[11.53%]
NE	-202.89 kNm	-202.89 kNm	-8.47 kN	-8.47 kN	-193 mm	-193 mm	41 kPa	100.00%	[41.00%]	[4.03%]	[7.73%]
E	-368.50 kNm	0.00 kNm	-15.91 kN	0.00 kN	-351 mm	0 mm	40 kPa	100.00%	[40.00%]	[7.58%]	[14.04%]
SE	-359.74 kNm	359.74 kNm	-15.03 kN	15.03 kN	-343 mm	343 mm	51 kPa	100.00%	[51.00%]	[7.16%]	[13.71%]
S	0.00 kNm	409.54 kNm	0.00 kN	16.92 kN	0 mm	390 mm	41 kPa	100.00%	[41.00%]	[8.06%]	[15.60%]
SW	226.15 kNm	226.15 kNm	9.40 kN	9.40 kN	215 mm	215 mm	42 kPa	100.00%	[42.00%]	[4.48%]	[8.62%]
W	289.36 kNm	0.00 kNm	11.95 kN	0.00 kN	276 mm	0 mm	37 kPa	100.00%	[37.00%]	[5.69%]	[11.02%]
NW	224.81 kNm	-224.81 kNm	9.24 kN	-9.24 kN	214 mm	-214 mm	42 kPa	100.00%	[42.00%]	[4.40%]	[8.57%]

MINIMUM REINFORCEMENT (AS 3600)

CONCRETE STRESS (f'c): 32 MPa
REINFORCEMENT STRESS (fsy): 500 MPa

• Calculate characteristic flexural tensile strength of concrete (fct.f) as per AS 3600 Section 3.1.1.3.

fct.f = 0.6 × √(f'c)
= 0.6 × √(32)

= 3.39

- Calculate minimum reinforcement as per AS 3600 Section 16.3.1.

As = 0.19 × (D / d)² × fct.f / fsy
= 0.19 × (D / 0.95 x D)² × 3.39 / 500
= 1429 mm²/m

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