

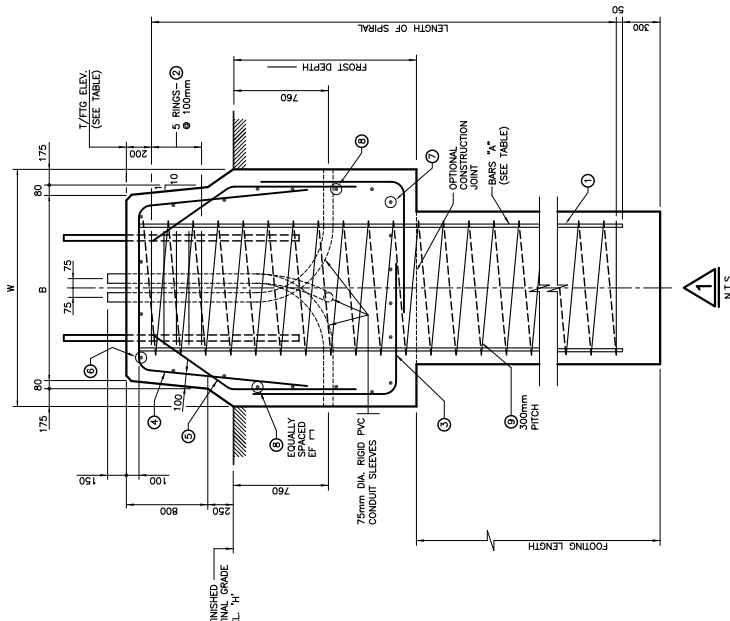
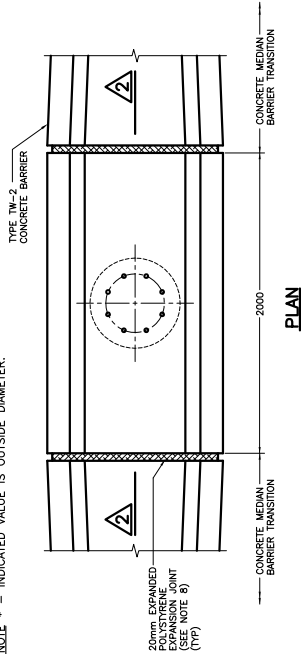
QUANTITIES

TOTAL No. OF POLES THIS SHEET =

FOOTING DATA

POLE No.	LOCATION	POLE HEIGHT (m)	T/FTG ELEVATION (m)	FOOTING DIAMETER (m)	FOOTING LENGTH (m)	REINFORCING BARS "A"			SPIRAL			BARRIER DIMENSIONS		
						No.	SIZE	REQ'D	DIA. (mm)	LENGTH (m)	EL. "H" (m)	B (mm)	EL. "H" (m)	W (mm)

NOTE * - INDICATED VALUE IS OUTSIDE DIAMETER.



METRIC DIMENSIONS ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN

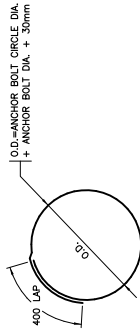
CONT WP

HIGH MAST LIGHTING POLE FOOTING MEDIAN TALL WALL MOUNTED (SYMMETRICAL)

NOTES TO DESIGNER						
1. UNFACTORED LOADS PROVIDED IN TABLE BELOW ARE BASED ON HOURLY MEAN WIND PRESSURE $q = 595 \text{ Pa}$.						
POLE HEIGHT	FOOTING DIAMETER	REINFORCING BARS "A"		UNFACTORED LOADS AT BASE OF HMLP		
		MAX. SIZE	min.	MOMENT (kN-m)	SHEAR (kN)	
25	1.22	30M	1350	380	29	38
30	1.37	30M	1500	570	38	
35	1.37	30M	1500	815	50	
40	1.52	35M	1650	895	48	
45	1.52	35M	1650	1155	56	
2. INDICATE FROST DEPTH.						
3. THE "NOTES TO DESIGNER" SHALL BE DELETED FROM THIS DRAWING PRIOR TO ISSUING OF THE CONTRACT.						

NOTES:

- CLASS OF CONCRETE SHALL BE 30 MPa.
- CLEAR COVER TO REINFORCING STEEL SHALL BE 100±25mm.
- REINFORCING STEEL SHALL BE GRADE 40W.
- THE REINFORCING STEEL ASSEMBLY SHALL BE CAREFULLY FABRICATED TO ENSURE THE ANCHORAGE ASSEMBLY WILL FIT.
- EACH ANCHORAGE ASSEMBLY SHALL BE PROVIDED WITH A TEMPLATE.
- ANCHORAGE ASSEMBLY SHALL BE INSTALLED VERTICALLY. NO ADJUSTMENTS SHALL BE ALLOWED AFTER CONCRETE IS PLACED IN FOOTING.
- FOR FINISHED GRADE ELEVATION, REFER TO GRADING DRAWINGS.
- EXPANDED POLYSTYRENE EXPANSION JOINT SHALL CONFORM TO CESS 5120 AND BE HELD IN PLACE WITH LIGHT GALVANIZED NAILS.
- IF SOIL CONDITIONS ENCOUNTERED IN FIELD ARE DIFFERENT FROM THOSE SHOWN IN FOUNDATION INVESTIGATION AND DESIGN REPORT, WORK SHALL BE HALTED AND THE CONTRACT ADMINISTRATOR NOTIFIED IMMEDIATELY.



15M RINGS DETAIL

N.T.S.

15M RINGS-SEE DETAIL

BAR MARK	SIZE	SHAPE
1	15M	STRAIGHT
2	15M	STRAIGHT
3	15M	STRAIGHT
4	15M	STRAIGHT
5	15M	STRAIGHT
6	15M	STRAIGHT
7	15M	STRAIGHT
8	15M	STRAIGHT
9	15M	STRAIGHT
10	15M	STRAIGHT
11	15M	STRAIGHT
12	15M	STRAIGHT
13	15M	STRAIGHT
14	15M	STRAIGHT
15	15M	STRAIGHT
16	15M	STRAIGHT
17	15M	STRAIGHT
18	15M	STRAIGHT
19	15M	STRAIGHT
20	15M	STRAIGHT
21	15M	STRAIGHT
22	15M	STRAIGHT
23	15M	STRAIGHT
24	15M	STRAIGHT
25	15M	STRAIGHT
26	15M	STRAIGHT
27	15M	STRAIGHT
28	15M	STRAIGHT
29	15M	STRAIGHT
30	15M	STRAIGHT
31	15M	STRAIGHT
32	15M	STRAIGHT
33	15M	STRAIGHT
34	15M	STRAIGHT
35	15M	STRAIGHT
36	15M	STRAIGHT
37	15M	STRAIGHT
38	15M	STRAIGHT
39	15M	STRAIGHT
40	15M	STRAIGHT
41	15M	STRAIGHT
42	15M	STRAIGHT
43	15M	STRAIGHT
44	15M	STRAIGHT
45	15M	STRAIGHT
46	15M	STRAIGHT
47	15M	STRAIGHT
48	15M	STRAIGHT
49	15M	STRAIGHT
50	15M	STRAIGHT
51	15M	STRAIGHT
52	15M	STRAIGHT
53	15M	STRAIGHT
54	15M	STRAIGHT
55	15M	STRAIGHT
56	15M	STRAIGHT
57	15M	STRAIGHT
58	15M	STRAIGHT
59	15M	STRAIGHT
60	15M	STRAIGHT
61	15M	STRAIGHT
62	15M	STRAIGHT
63	15M	STRAIGHT
64	15M	STRAIGHT
65	15M	STRAIGHT
66	15M	STRAIGHT
67	15M	STRAIGHT
68	15M	STRAIGHT
69	15M	STRAIGHT
70	15M	STRAIGHT
71	15M	STRAIGHT
72	15M	STRAIGHT
73	15M	STRAIGHT
74	15M	STRAIGHT
75	15M	STRAIGHT
76	15M	STRAIGHT
77	15M	STRAIGHT
78	15M	STRAIGHT
79	15M	STRAIGHT
80	15M	STRAIGHT
81	15M	STRAIGHT
82	15M	STRAIGHT
83	15M	STRAIGHT
84	15M	STRAIGHT
85	15M	STRAIGHT
86	15M	STRAIGHT
87	15M	STRAIGHT
88	15M	STRAIGHT
89	15M	STRAIGHT
90	15M	STRAIGHT
91	15M	STRAIGHT
92	15M	STRAIGHT
93	15M	STRAIGHT
94	15M	STRAIGHT
95	15M	STRAIGHT
96	15M	STRAIGHT
97	15M	STRAIGHT
98	15M	STRAIGHT
99	15M	STRAIGHT
100	15M	STRAIGHT

APPLICABLE STANDARD DRAWINGS

- OPSD 2218.010 HIGH MAST LIGHTING POLE ANCHORAGE ASSEMBLY
- OPSD 2465.011 HIGH MAST LIGHTING POLE ANCHORAGE ASSEMBLY DETAILS
- OPSD 3113.300 HIGH MAST LIGHTING POLE ANCHORAGE ASSEMBLY DETAILS
- TRANSITION INSTALLATION AT PIERS AND POLES

STANDARD DRAWING JAN 2013
HIGH MAST LIGHTING POLE FOOTING MEDIAN TALL WALL MOUNTED (SYMMETRICAL)

REFER TO 1.1.8 IN THE STRUCTURAL MANUAL FOR PROFESSIONAL ENGINEER STAMPING REQUIREMENTS.

DRAWING NOT TO BE SCALED

100mm ON ORIGINAL DRAWING

N.T.S.

N.T.S.

N.T.S.

N.T.S.