



**TOP OF ROCK 0 TO 1.65m
BELOW GROUND LEVEL**

**TOP OF ROCK
1.65 TO 2.45m
BELOW GROUND LEVEL**

**TOP OF ROCK
2.45 TO 3.0m
BELOW GROUND LEVEL**

FOOTINGS FOR BASE MOUNTED POLES WHERE ROCK IS ENCOUNTERED											
POLE LENGTH m	NORMAL BURIAL DEPTH IN EARTH m	BELOW GROUND DEPTH TO TOP OF ROCK, m									
		0.0	0.30	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.70
		DEPTH OF ROCK EXCAVATION REQUIRED, m									
7.0	2.15	1.65*	1.35*	1.05*	0.75*	0.45*	0.15*	* Rock anchorages not required			
7.5	2.15	1.65*	1.35*	1.05*	0.75*	0.45*	0.15*				
8.7	2.45	1.65*	1.35*	1.05*	0.75*	0.45*	0.15*				
9.0	2.45	1.65*	1.35*	1.05*	0.75*	0.45	0.15*				
10.5	2.60	1.65*	1.35	1.05	0.75	0.45	0.15*	0*			
12.0	2.75	1.65*	1.35	1.05	0.75	0.45	0.15	0*			
13.6	2.90	1.65	1.35	1.05	0.75	0.45	0.15	0			
15.1	3.05	1.65	1.35	1.05	0.75	0.45	0.15	0	0	0*	0*

NOTES:

- 1 For anchorage assembly see OPSD 2215.02. For pole mounting details see OPSD 2215.03.
- 2 Minimum of two sleeves required for concrete foundation. Three sleeves as specified.
- 3 Top of footing shall be installed at 40mm ±15mm above finished grade in paved or concrete areas and 75mm ±25mm above finished grade in earth or granular areas.
- 4 Plywood template set level. Remove to finish concrete after initial set.

A All dimensions are in millimetres unless otherwise shown.

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CONCRETE FOUNDATION FOR BASE MOUNTED LIGHTING POLES WHERE ROCK IS ENCOUNTERED			
OPSD 2200.03			