



1 ELEVATION

FABRICATION AND INSTALLATION DIMENSIONS (mm)								
OUTREACH , ARM A	3000		4000		5000		6000	
No. OF LANTERNS	1 x 6	2 x 6	1 x 6	2 x 6	1 x 6	2 x 6	1 x 6	2 x 6
SETBACK ' S ' (without arm)	23	32	34	46	47	61	65	86
ANGLE ' a ' (without arm)	0.22°	0.31°	0.32°	0.44°	0.45°	0.58°	0.60°	0.78°

STRUCTURAL NOTES

- Design Criteria :
Basic directional wind speed : 62.5 m/s Mz,cat 2 (3m to 5m arms)
Basic directional wind speed : 55 m/s Mz,cat 2 (6m arm)
Code of Practice : NZS 4203 : 1992.
- Concrete compressive strength (f_c) at 28 days.
Standard foundation (ground planted pole) - 17.5 MPa.
Alternative foundation (detail 2) - 20 MPa.
- Materials & workmanship to be in accordance with NZS 3109.
Reinforcing bars shall comply with NZS 3402: 1989
'R' denotes grade 300 plain bar, 'D' denotes grade 300 deformed bar.
- Steel workmanship to be in accordance with NZS 3404.
- Flats shall comply with AS 3679, grade 250.
- Plate shall comply with AS 3678, grade 250.
- Hollow sections shall comply with AS 1163.
- Steelwork to be hot dip galvanised after fabrication.
- This drg. supersedes drg. F&W 2484 S1 & S2.
- Client responsible for orientation and location.
- Contractor to check location of all services before commencing work.
- Provide conduit for cable entry as required.
- Minimum allowable soil bearing pressure shall be 100 kPa (A site evaluation by a qualified Civil/Geotechnical Engineer is advisable).



Project: -
Address: -
Title: Typical EHD Traffic Pole - Ground Planted

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