

SIGNAL POLE TABLE

POLE TYPE	POLE HEIGHT	OCTAGONAL DIM. 'D1'	OCTAGONAL DIM. 'D2'	MAXIMUM ARM LENGTH (NOTE 9)	
				ARM 1	ARM 2
PEDESTAL	8315	4600	206	206	N/A
	8520	6100	160	80	N/A
	8524	7300	184	100	4600
	8535	10700	254	100	4600
	8545	13700	254	100	5500
PEDESTAL	8620	6100	248	146	7300
	8624	7300	248	125	6100

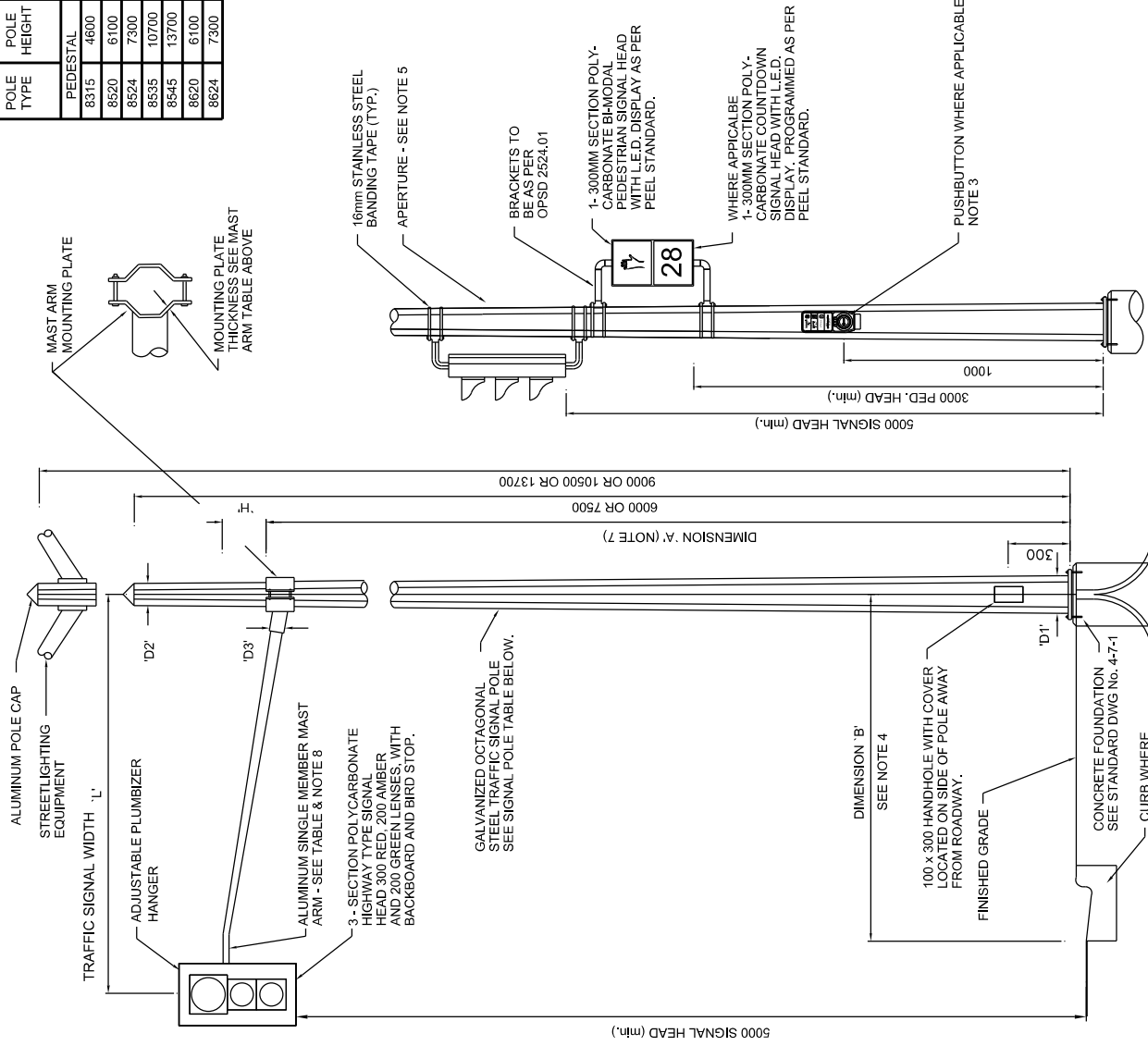
ALUMINUM SINGLE MEMBER MAST MAST ARM TABLE

LENGTH 'L'	HEIGHT 'H'	DIMETER 'D3'	MOUNTING PLATE THICKNESS	BOLTS
1800	610	100	6.0	4-16
2400	838	100	6.0	4-16
3000	610	125	9.5	4-19
3600	838	125	9.5	4-19
4600	1067	125	9.5	4-19
5500	914	150	9.5	4-19
6100	1067	150	9.5	4-19
6700	1143	150	9.5	4-19
7300	1200	150	9.5	4-19

NOTES:

- POLE TO BE SET IN A VERTICAL POSITION. TIGHTEN NUT 1/2 TURN PAST SNUG FIT. FOR POLE ANCHOR BOLT DETAILS SEE DWG. 4-7-1.
- CONNECT #6 AVG TYPE RWU (GREEN) GROUND WIRE BETWEEN THE POLE GROUND STUD AND THE SYSTEM GROUND IN THE NEAREST HANDWELL.
- AUDIBLE PUSHBUTTON AS APPROVED BY THE AGENCY.
- DIMENSION 'B' SHALL BE AS INDICATED ON THE PHM 125.
- ALL OPERATIONS TO BE FIELD DRILLED, REBAR AND THREADED WITH ZINC RICH PAINT AND FITTED WITH RUBBER GROMMETS.
- SIGNAL HEAD ORIENTATION AND AIMING SHALL BE SHOWN ON THE LAYOUT PLANS. AIMING SHALL BE ADJUSTED TO SUIT LOCAL CONDITIONS AS APPROVED BY THE AGENCY.
- DIMENSION 'A' VARIES WITH ARM LENGTH AND SHALL BE SET TO GIVE PROPER ROADWAY CLEARANCE.
- SINGLE MEMBER MAST ARMS SHALL BE SPIRAL ALUMINUM COMPLETES WITH FACE PLATES AND ADJUSTABLE BACK PLATES. PLATE THICKNESS TO BE AS SHOWN IN THE TABLE.
- ARM 2 SHALL BE INSTALLED AT 90° TO ARM 1.
- A 1/4-20 SET SCREW TO BE INSTALLED BETWEEN MAST ARM AND MOUNTING SHOE TO PREVENT ROTATION OF MAST ARM.

ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED



TYPICAL AUXILIARY TRAFFIC SIGNAL HEAD INSTALLATION DETAILS

POLE INSTALLATION AND TYPICAL PRIMARY HEAD INSTALLATION DETAILS



PUBLIC WORKS STANDARD DRAWING

REV. DATE: DECEMBER 2018

TYPICAL TRAFFIC SIGNAL EQUIPMENT MOUNTING DETAIL ON STEEL POLES

APPROVED BY	DRAWN BY
GK	TSS SECTION
STD. DWG. NUMBER	SCALE
4-5-1	N.T.S.