



**Manitoba Infrastructure & Transportation  
Standard Drawings for Traffic Signal and  
Pedestrian Corridor Structures**

**PREPARED BY DILLON CONSULTING LIMITED**



Drawing List

DRAWING NO.	COMPONENT / TYPE NO.	DESCRIPTION	STOCK CODE NO.	DRAWING NO.	COMPONENT / TYPE NO.	DESCRIPTION	STOCK CODE NO.
<b>ANCHOR BOLTS</b>							
AB1	AB1	29 mm (1 1/8") dia. Anchor Bolt	#7558	S9	E-016 W	Heavy Series Combination Cantilever Vertical Shaft	#58524
AB2	AB2	32 mm (1 1/4") dia. Anchor Bolt	#7559	S10	E-016 R	Heavy Series Combination Cantilever 7.5 m, 9.0 m, 10.5 m and 15.0 m Arms Advance Warning Sign	#58529 - 9.0 m Adv Signal Arm
AB3	AB3	51 mm (2") dia. Anchor Bolt	#7585				#58530 - 10.5 m Adv Signal Arm
<b>CONCRETE PILE FOUNDATIONS</b>							
F1	F1	610 (24") dia X 2.4 m, 4-29 (1 1/8") dia A/Bolts (AB1), 292 BCD, for E-016 C, E-016 X, E-016 P and E-016 F	-----	S11	E-016 S	Heavy Series Combination Cantilever 7.5 m, 9.0 m, 10.5 m and 15.0 m Traffic Signal Arms	#58516 - 7.5 m Traffic Signal Arm #58517 - 9.0 m Traffic Signal Arm #58518 - 10.5 m Traffic Signal Arm
F2	F2	610 (24") dia X 3.0 m, 4-32 (1 1/4") dia A/Bolts (AB2), 292 BCD, for E-016 Y	-----	S12	E-016 E	Luminaire Davit Arm (Single Luminaire)	#58515 - 15.0 m Traffic Signal Arm
F3	F3	762 (30") dia X 5.0 m, 4-32 (1 1/4") dia A/Bolts (AB2), 380 BCD, for E-106 H	-----	S13	E-016 L	Luminaire Extension Shafts 5.4 m and 8.4 m	#17900 - 5.4 m #17901 - 8.4 m
F4	F5	915 (36") dia X 5.0 m, 4-51 (2") dia A/Bolts (AB3), 584 BCD, for E-016 W	-----	S14	E-016 T	Hydro Luminaire Adaptor	-----
<b>STRUCTURES</b>							
S1	E-016 C	Light Series 2.9 m Straight Standard	#17896	S15	E-016 A, B & Z	Details Access Panel (AP1), Handhole (H1) and Tenon Cap (TC1)	-----
S2	E-016 X	Light Series 5.0 m Straight Standard	#17936	S16	E-016 D	Straight Stub Extensions 1.5 m, 3.0 m, 4.5 m and 6.1 m	#17899 - 1.5 m
S3	E-016 P	Light Series 2.5 m Davit	#17918				#17919 - 3.0 m
S4	E-016 F	Light Series Davit - Stub	#17909				#17920 - 4.5 m
S5	E-016 G	Light Series Davit - 2.5 m Extension Arm	#40373 - 2.5 m Corridor Arm #17910 - 2.5 m Signal Arm				#17921 - 6.1 m
S6	E-016 Y	Medium Series Double Cantilever Vertical Shaft and Arms	#58522 - Vertical Shaft #58525 - 4.5 m Corridor Arms				
S7	E-016 H	Medium Series Combination Cantilever Vertical Shaft	#58523				
S8	E-016 J	Medium Series Combination Cantilever 5.0 m, 6.0 m and 7.5 m Signal Arm 5.5 m and 7.0 m Corridor Arm	#58519 - 5.0 m Signal Arm #58520 - 6.0 m Signal Arm #58521 - 7.5 m Signal Arm #58526 - 5.5 m Corridor Arm #58527 - 7.0 m Corridor Arm				

REDUCED DRAWING  
N.T.S.