



**BILL OF MATERIALS**

MK. NO.	QTY. REQ'D.	DESCRIPTION	SIZE	MATERIAL	REMARKS	LINE NO.
		<b>5.486 m (18') STRAIGHT POLE - S18</b>				
1	1	OCTAGONAL SECTION SHAFT	178 A/F - 140 A/F x 3.083	CSA G40.21 350W		2
2	1	BASE PLATE	25 x 305 x 305	CSA G40.21 300W		3
3	1	CAP PLATE	134 A/F x 12 THK.	CSA G40.21 300W		4
						5
4	1	ACCESS PANEL			SEE NOTE 6	6

APPROXIMATE TOTAL MASS = 94 kg

**NOTES:**

- ALL MATERIALS, EXCEPT STAINLESS STEEL ITEMS, SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123-09 (PLUS LATEST REVISIONS) WITH NET RETENTION OF 610 g/m<sup>2</sup>.
- PROVIDE RAISED IDENTIFICATION NUMBER WITH WELDING ELECTRODE AS PER SPECIFICATION, STRUCTURE TYPE CODE = S18.
- GRIND ALL SHARP POINTS AND EDGES.
- LONGITUDINAL SEAM WELD SHALL HAVE 60% MINIMUM PENETRATION EXCEPT WITHIN 150 mm OF BASE PLATE AND CAP PLATE SHALL BE COMPLETE PENETRATION.
- EXTERIOR WELD JOINING SHAFT TO BASE PLATE SHALL BE AN UNEQUAL LEG FILLET WELD WITH THE LONG LEG OF THE WELD ALONG THE SHAFT, TERMINATING AT 30° FROM THE SHAFT'S SURFACE.
- PROVIDE ACCESS PANEL IN ACCORDANCE WITH SHEET 17.

V:\Traffic Signals\7. Projects\Projects\Coordination\Product Specification Dwg\New Folder\S-SD-16\_18'\_Straight\_Pole.dwg



**REDUCED DRAWING**  
N.T.S.

B.M. ELEV. DESIGNED BY: CDW DRAWN BY: JGW CHECKED BY: SSR APPROVED BY: - HOR. SCALE: NTS VERTICAL SCALE: NTS			<b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT		CITY DRAWING NUMBER S-SD-16
			5.49 m (18') STRAIGHT POLE		SHEET 16 OF 17 CONSULTANT DRAWING NUMBER N/A
2 REVISED BY DILLON CONSULTING 2/24/14 CDW 1 ISSUED BY DILLON CONSULTING 1/10/14 CDW NO. REVISIONS DATE BY DATE	RELEASED FOR CONSTRUCTION DATE	CONSULTANT PROJECT NUMBER 12-5954			