



ITEM NO.	QTY	PART NUMBER	DESCRIPTION	MATERIAL	UNIT WEIGHT	TOTAL WEIGHT
1	1		12' RRFB POLE, SUBASSEMBLY		72.2	72.2
					PRODUCT WEIGHT (kg)=	72.2
2	1	P20-ST-B3X5-01	HAND HOLE COVER, OVAL, ONE HOLE, 3X5	CSA G40.21 300W	0.3	0.3
3	1	P04-01-ST-01	BACK BAR, 0.375" TAPPED HOLE, THK=0.250", WIDTH=1.50", L=140	CSA G40.21 300W	0.3	0.3
4	1	H10-SS-0.375X2.50-F	BOLT HEX, 3/8" x 2.50", STAINLESS STEEL, FULL THREAD	18-8 / TYPE316 SS	0.0	0.0
5	1	H10-SS-0.375X1.50-F	BOLT HEX, 3/8" x 1.50", STAINLESS STEEL, FULL THREAD	18-8 / TYPE316 SS	0.0	0.0
6	2	H40-SS-0.375	NUT, HEX, 3/8", STAINLESS STEEL	18-8 / TYPE316 SS	0.0	0.0
7	3	H70-SS-0.375	WASHER, FLAT, 3/8", STAINLESS STEEL	18-8 / TYPE316 SS	0.0	0.0
8	1	H71-SW-SS-0.375	WASHER, SERRATED, 3/8", STAINLESS STEEL	18-8 / TYPE316 SS	0.0	0.0
					KIT WEIGHT (kg)=	0.6

NOTES:

- POLE (SUPPORTING ONE SOLAR PANEL 1209x537 AND MAX 25kg, ONE ELECTRICAL CABINET 17"x 15.5"x16" AND MAX 45kg, TWO 14" SQ. RRFB UNITS MAX 15kg EACH, BACK-TO-BACK 610x1067 PED CROSSWALK SIGNS, AND ONE RRFB PUSHBUTTON C/W STANDARD SIGN) IS DESIGNED IN ACCORDANCE WITH CITY OF EDMONTON ROAD & WALKWAY LIGHTING CONSTRUCTION AND MATERIAL STANDARDS 2013, FOR MAXIMUM 160km/h WIND GUST SPEED (GUST FACTOR INCLUDED)

POLE BASE REACTIONS (FACTORED, NO ICE)	
AXIAL	2.7 kN
SHEAR	4.0 kN
OVERTURNING MOMENT	12.0 kN

- ALL UNITS IN METRIC (mm, kg) UNLESS OTHERWISE STATED.
- STAMP BASE PLATE "NP YY" (YY=YEAR).
- STEEL SILICON CONTENT:
 - SHAFT: Si < 0.04%
 - PARTS: Si < 0.04% OR 0.15% < Si < 0.22%
- WELDING: CSA W59, W47.1
- ANCHOR BOLTS: Ø1" ASTM F1554 GR. 55 MIN. (SUPPLY IF ORDERED)
- FINISH: GALV ASTM A123.

REV.	DESCRIPTION	DATE	DRAWN	APPRD
F	CHANGED TO REGULAR 3 X 5 HH	FEB 05, 2018	CV	PN
E	REVISED POLE LOADING	AUG 17, 2017	CV	PN

ENGINEERING SEAL	RELEASED DATE: MAY 15, 2017	
	DRAWN BY: CV	
	CHECKED BY: PN	
	APPROVED BY: PN	

CITY OF EDMONTON			
12' RRFB POLE (4 1/2" OD)			
SPEC #	JOB #	SIZE	SCALE
REF # CR20170206	SO26238	B	NTS
PRODUCT #	DWG #	SHEET 1 OF 1	
103-70-SRRRFB-F	2-110-12547-F	REV. F	