

CONDUIT AND WIRE SCHEDULE

ITEM	FUNCTION	FROM	TO	WIRE	CONDUIT *	INSTALLATION	NOTES
1	SERVICE POLE	UTILITY METER	3#6 R990	27mm RIGID CRSC/PVC	CONCRETE ENCASED U/S/DECK		
2	SERVICE GROUND	UTILITY METER	STEEL PILING	27mm RIGID CRSC	CONCRETE ENCASED IN DECK		
3	PANEL A FEEDER	PANEL A	3#6 + 1#8 B	27mm RIGID CRSC	AT SERVICE CENTER		
4	LIGHTING FEEDER	PANEL A COT 2	2#12 + 1#12 B	21mm RIGID CRSC	AT SERVICE CENTER		
5	WHARF LIGHTING	LIGHTING PHOTOCELL	3#12 + 1#12 B	21mm RIGID CRSC	AT METER SERVICE CENTER		
6	WHARF LIGHTING	WHARF LIGHTING JUNCTION BOX	2#12 + 1#12 B	21mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK		
7	WHARF LIGHTING	WHARF LIGHTING JUNCTION BOX	2#12 + 1#12 B	21mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK		
8	WHARF LIGHTING	WHARF LIGHTING JUNCTION BOX	2#12 + 1#12 B	21mm RIGID PVC	CONCRETE ENCASED IN DECK		
9	POLE #2 RECEPTACLE	PANEL A COT 1	2#10 + 1#12 B	21mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK		
10	POLE #3 RECEPTACLE	PANEL A COT 3	2#8 + 1#10 B	21mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK		

\* USE CRSC FOR ALL SURFACE AND EXPOSED CONDUIT. CONVERT TO PVC WITHIN THE CONCRETE DECK.

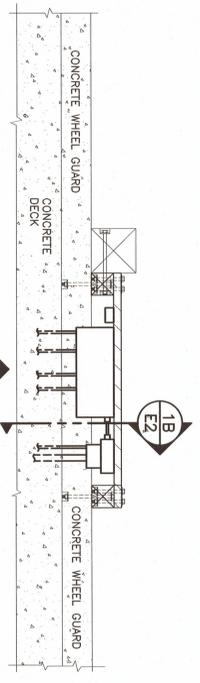
PANEL: 1 A

POWER SUPPLY: 120/240V/1.5.3W  
MAINS: 60A MAIN BREAKER  
NUMBER OF COYS: 18

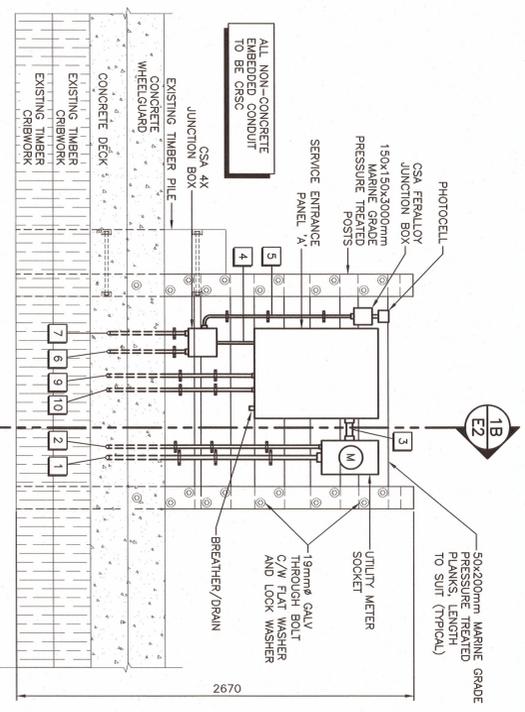
PHASE LOADS:  
TOTAL PHASE LOADS: 732 120  
CURRENT (A) @ 240V: 4

DESCRIPTION	WATTAGE	# BRK	CIRCUIT	BRK #	WATTAGE	DESCRIPTION
POLE 2 RECEPTACLE	120	1	15	1	15	LIGHTING POLE 1, 2 & 3
POLE 3 RECEPTACLE	120	1	15	3	45	SPARE
SPARE	15	5	6	15	1	SPARE
SPARE	15	7	8	15	1	SPARE
PHASE LOADS:	120				612	
TOTAL PHASE LOADS:	852				612	

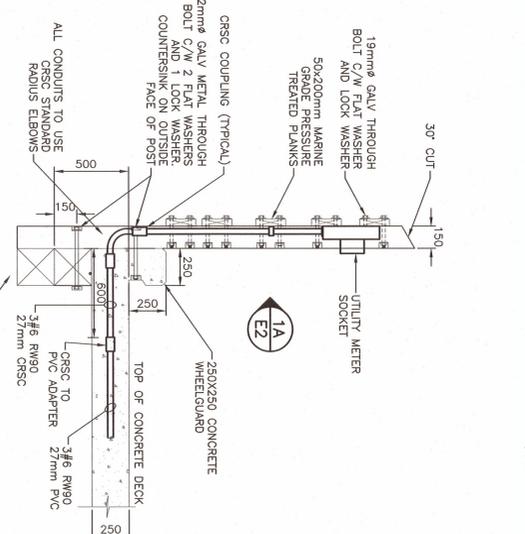
1067 mm H x 610 mm W x 178 mm D  
STAINLESS STEEL CSA 4X ENCLASURE



PLAN  
1A E2  
1B E2  
1C E2

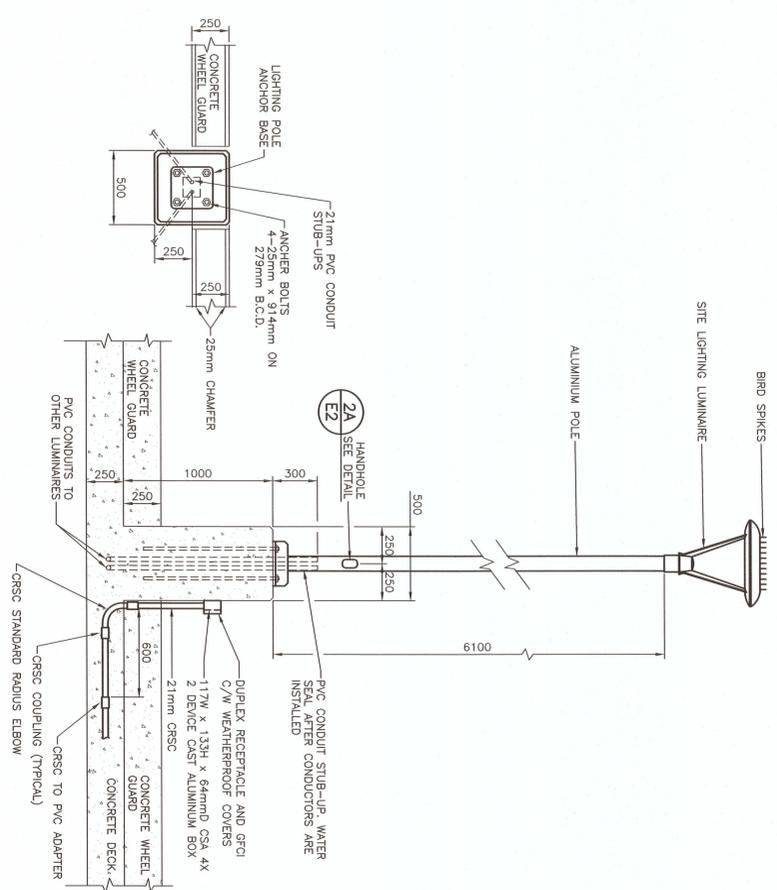


ELEVATION  
1A E2



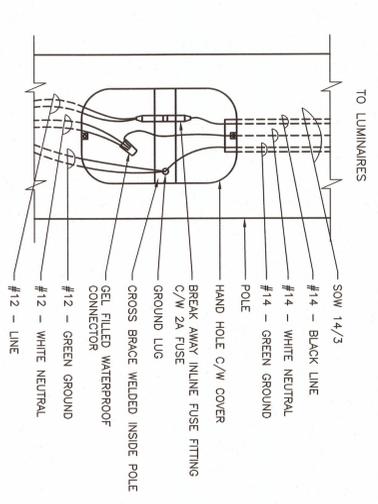
SECTION  
1A E2  
1B E2

SERVICE DETAIL  
SCALE: 1:20  
0mm 50mm 100mm 150mm 200mm 250mm

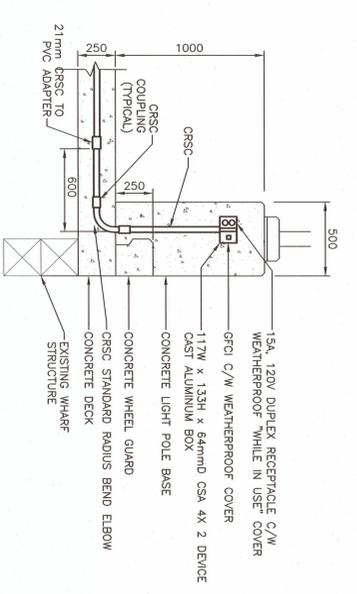


ELEVATION  
2A E2  
2 E2

BASE PLAN VIEW



TYPICAL SITE LIGHTING POLE DETAIL  
SCALE: N.T.S.  
2A E2



TYPICAL OUTLETS MOUNTED ON POLE BASE  
SCALE: N.T.S.  
3 E2



**RAISING DECK  
ELEVATION**  
BLACK RIVER  
ST. JOHN CO. N.B.

**ELECTRICAL DETAILS**

revision	date	project
0	ISSUED FOR TENDER	10/29/23

designer	checked	approved	date
designer	checked	approved	date
designer	checked	approved	date
designer	checked	approved	date