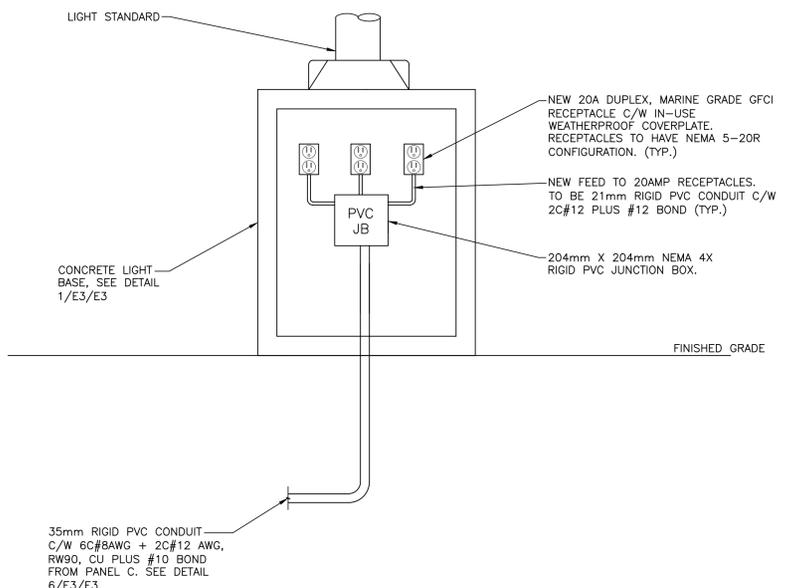
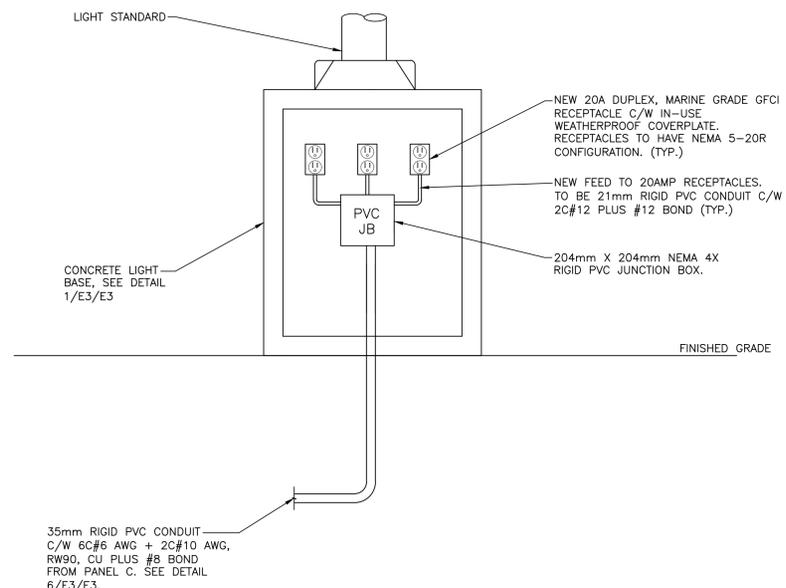


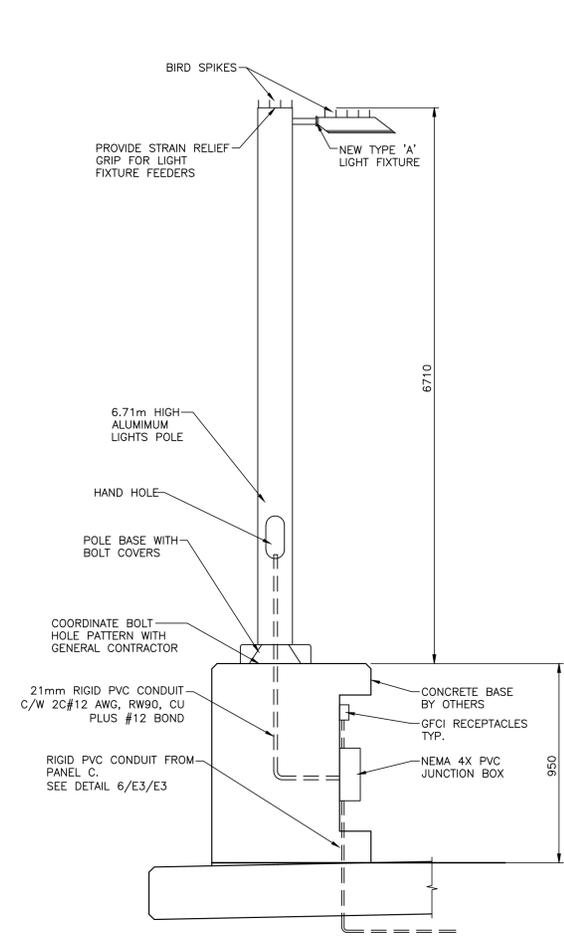
NEW POLE BASE P13
SCALE : NTS



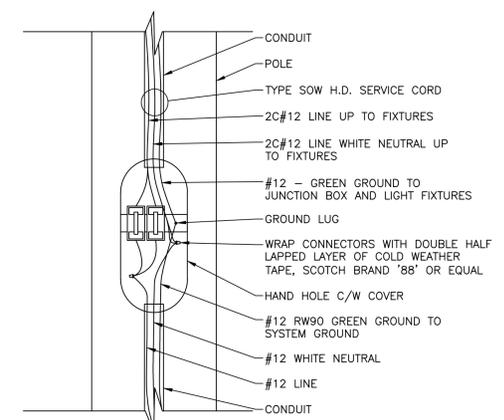
NEW POLE BASE P14
SCALE : NTS



NEW POLE BASE P15
SCALE : NTS



POLE P13, P14 & P15
SCALE : NTS



HAND HOLE DETAIL
SCALE : NTS

DEVICE NOTES

RECEPTACLES, DEVICE BOXES AND WEATHERPROOF COVERS SHALL BE OF THE SAME MANUFACTURER.

ALL CONNECTIONS TO BE MADE USING MECHANICALLY BOLTED CONNECTIONS AND HEAT SHRINK TAPE.

ALL 120V DEVICES TO HAVE DEDICATED NEUTRAL. NO COMMON NEUTRALS SHALL BE PERMITTED.

LOAD SUMMARY

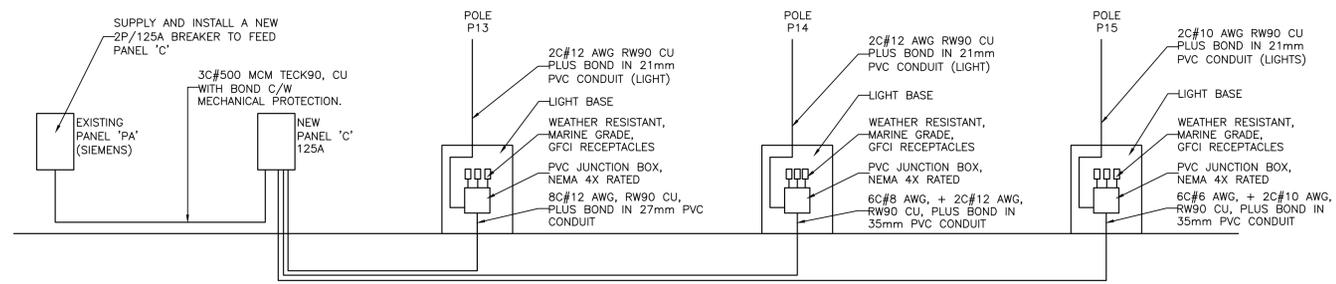
ITEM	CONNECTED LOAD (KW)	DEMAND (KW)	COMMENTS
FIRST 4 RECEPTACLES	20A @ 100% (2.4)	9.6	CEC 78-054
NEXT 4 RECEPTACLES	20A @ 65% (1.6)	6.4	
NEXT 1 RECEPTACLE	20A @ 50% (1.2)	1.2	
NEW LIGHTS	3 @ 431W	1.3	
HOIST (FUTURE)		5.8	4.64
TOTAL		23.14	96 AMPS @ 240V LOAD ON EXISTING LOAD CENTER

PANEL: C (NEW)

LOCATION: PP3	VOLTAGE: 120/240VAC	AIC RATING: 10KA
SUPPLY FROM: PANEL PA	PHASES: 1	MAINS TYPE: CU
ENCLOSURE: NEMA 1	NUMBER OF WIRES: 3	MAINS RATING: 125 A
MOUNTING:		MCB RATING: 125 A

CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	POLES	TRIP	CIRCUIT DESCRIPTION	CKT
1	POLE P13 LIGHTS	15A	1			1	15A	POLE P14 LIGHTS	2
3	DUPLEX RECEPTACLE (POLE P13)	20A	1			1	20A	DUPLEX RECEPTACLE (POLE P14)	4
5	DUPLEX RECEPTACLE (POLE P13)	20A	1			1	20A	DUPLEX RECEPTACLE (POLE P14)	6
7	DUPLEX RECEPTACLE (POLE P13)	20A	1			1	20A	DUPLEX RECEPTACLE (POLE P14)	8
9	POLE P15 LIGHTS	15A	1						10
11	DUPLEX RECEPTACLE (POLE P15)	20A	1						12
13	DUPLEX RECEPTACLE (POLE P15)	20A	1						14
15	DUPLEX RECEPTACLE (POLE P15)	20A	1						16
17									18
19									20
21									22
23									24

NOTE: PANEL TO BE LOCATED IN A CSA TYPE 4X STAINLESS STEEL ENCLOSURE.



DISTRIBUTION SCHEMATIC
SCALE : NTS

LICENCED PROFESSIONAL ENGINEER
Province of New Brunswick
L4913 2022
R. Craig MacIntyre
Signature
JULY 12 2022
INGÉNIEUR TITULAIRE DE PERMIS
Province du Nouveau-Brunswick

0	ISSUED FOR TENDER	JUL 12 2022
revisions		date

project **NEW MARGINAL WHARF AND BREAKWATER** projet

drawing **STRUCTURE 403 PETIT-CAP NB** dessin

DETAILS

designed B.CUDMORE	conçu
date JUL 2022	
drawn B.CUDMORE	dessiné
date JUL 2022	
approved C.MACINTYRE	approuvé
date JUL 2022	
Tender	Soumission

PWSC Project Manager / Administrateur de projets TPSC
project number / no. du projet
R.116039.001

drawing no. / no. du dessin
E3 of 5

