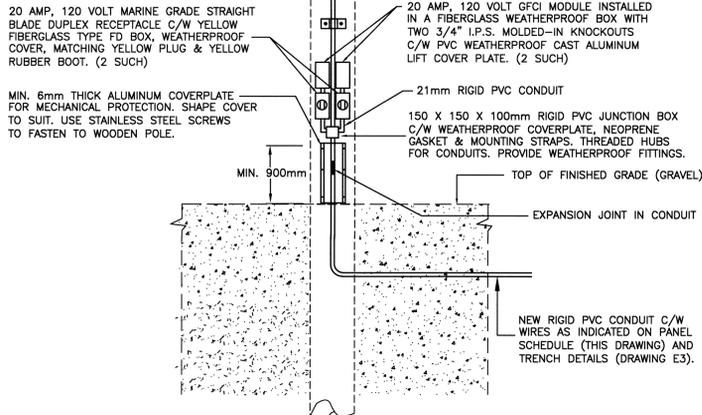


LIGHT FIXTURES, PHOTOCELLS, UPSWING ARMS AND LAMPS TO BE SUPPLIED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. OWNER SUPPLIED MATERIALS TO BE PICKED UP BY THE CONTRACTOR AT DFO'S WAREHOUSE IN MOUNT PEARL, NL. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL OTHER REQUIRED JUNCTION BOXES, CONDUIT, COVERPLATES, ETC FOR A COMPLETE INSTALLATION.

NOTE:  
EXACT HEIGHT OF LIGHT FIXTURES TO BE COORDINATED ON SITE WITH HARBOR MASTER. AIM FIXTURES TO REDUCE GLARE AND GIVE OPTIMUM PERFORMANCE.



TYPICAL EXISTING POLE AND FIXTURE ELEVATION  
N.T.S.

EXISTING PANEL SCHEDULE BASED ON TENDER DRAWINGS DATED JULY 5 2007. COORDINATE EXACT CIRCUIT NUMBERS ON SITE.

EXISTING PANEL		PANEL NAME "A"		MAINS RATED 225 AMPS			
VOLTS 120/208		LOCATION ELECTRICAL ROOM		MOUNTING SURFACE			
PHASE 3		FED FROM DP #1		CIRCUITS 60			
WIRE 4							
DESIGNATION	WATTAGE # A # B # C	WIRE BKR	CCT	A B C	CCT BKR WIRE # A # B # C	DESIGNATION	
EXISTING SHED LIGHTING	12 15 1		12 15 1	2 15 8		PEDESTAL #10 (RECEPT #3)	*d
EXISTING SHED RECEPT	12 15 3		12 15 3	4 30 6		PEDESTAL #10 (RECEPT #1)	*b
EXISTING SHED RECEPT	12 15 5		12 15 5	6 15 8		PEDESTAL #10 (RECEPT #4)	*d
EXISTING SHED RECEPT	12 15 7		12 15 7	8 30 6		PEDESTAL #10 (RECEPT #2)	*b
EXISTING SHED HEATING	12 20 9		12 20 9	10 15 6		PEDESTAL #11 (RECEPT #3)	*d
LIGHT POLE #4 (LIGHTING)	12 15 13		12 15 13	12 30 4		PEDESTAL #11 (RECEPT #1)	*b
LIGHT POLE #4 (RECEPT #1)	10 20 15		10 20 15	14 15 6		PEDESTAL #11 (RECEPT #4)	*d
LIGHT POLE #4 (RECEPT #2)	10 20 17		10 20 17	16 30 4		PEDESTAL #11 (RECEPT #2)	*b
LIGHT POLE #3 (LIGHTING)	12 15 19		12 15 19	18 30 3		PEDESTAL #12 (RECEPT #1)	*b
LIGHT POLE #3 (RECEPT #1)	10 20 21		10 20 21	20 30 3		PEDESTAL #12 (RECEPT #2)	*b
LIGHT POLE #3 (RECEPT #2)	10 20 23		10 20 23	22 15 6		PEDESTAL #12 (RECEPT #5)	*d
LIGHT POLE #2 (LIGHTING)	10 15 25		10 15 25	24 15 6		PEDESTAL #12 (RECEPT #6)	*d
LIGHT POLE #2 (RECEPT #1)	8 20 27		8 20 27	26 30 3		PEDESTAL #12 (RECEPT #3)	*b
LIGHT POLE #2 (RECEPT #2)	8 20 29		8 20 29	28 30 3		PEDESTAL #12 (RECEPT #4)	*b
LIGHT POLE #1 (LIGHTING)	10 15 31		10 15 31	30 30 1		PEDESTAL #13 (RECEPT #1)	*b
LIGHT POLE #1 (RECEPT #1)	6 20 33		6 20 33	32 30 1		PEDESTAL #13 (RECEPT #2)	*b
LIGHT POLE #1 (RECEPT #2)	6 20 35		6 20 35	34 15 4		PEDESTAL #13 (RECEPT #3)	*d
EXTERIOR LIGHTING CONTROL PANEL	12 15 37		12 15 37	36 15 4		PEDESTAL #13 (RECEPT #4)	*d
PEDESTAL #9 (RECEPT #3)	8 15 39		8 15 39	38 30		SPARE	*c
PEDESTAL #9 (RECEPT #1)	6 30 41		6 30 41	40 30		SPARE	*c
PEDESTAL #9 (RECEPT #4)	8 15 43		8 15 43	42 15 6		PEDESTAL #14 (RECEPT #5)	*d
PEDESTAL #9 (RECEPT #2)	6 30 45		6 30 45	44 30 4		PEDESTAL #14 (RECEPT #1)	*b
SPARE	15 47		15 47	46 15 6		PEDESTAL #14 (RECEPT #6)	*d
SPARE	15 49		15 49	48 30 4		PEDESTAL #14 (RECEPT #2)	*b
PEDESTAL #15 (RECEPT #1)	4 30 53		4 30 53	50 20		SPARE	
PEDESTAL #15 (RECEPT #2)	4 30 55		4 30 55	52 2		SPARE	
PEDESTAL #15 (RECEPT #3)	8 15 57		8 15 57	54 15		SPARE	
PEDESTAL #15 (RECEPT #4)	8 15 59		8 15 59	56 15		SPARE	
				58 30 4		PEDESTAL #14 (RECEPT #3)	*d
				60 30 4		PEDESTAL #14 (RECEPT #4)	*d

\*a - INDICATES EXISTING GROUND FAULT CIRCUIT BREAKER TO BE REMOVED AND REPLACED WITH NEW 15 AMP, 1 POLE, 120 VOLT CIRCUIT BREAKER C/W MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE ON SITE. ASSOCIATED EXISTING WIRING AND CONDUIT TO BE REMOVED. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.

\*b - INDICATES EXISTING CIRCUIT BREAKER TO REMAIN FOR REUSE IN NEW LAYOUT. ASSOCIATED EXISTING WIRING AND CONDUIT TO BE REMOVED. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.

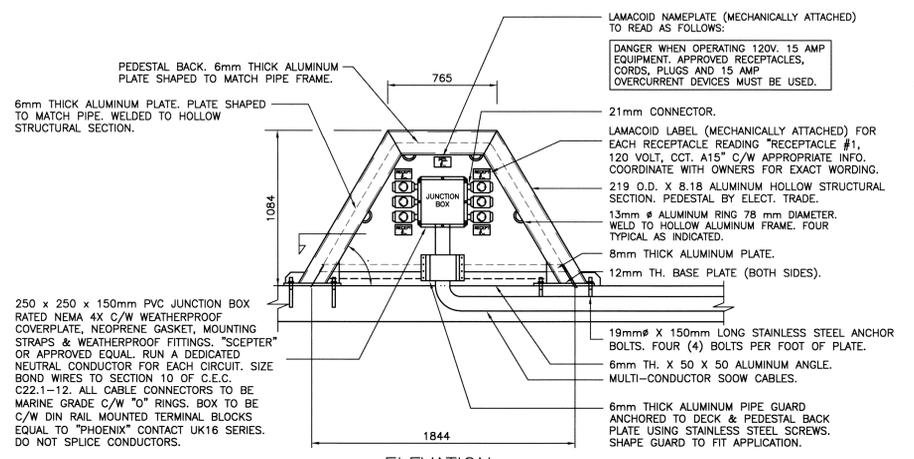
\*c - INDICATES EXISTING CIRCUIT BREAKER TO REMAIN AS SPARE. ASSOCIATED EXISTING WIRING AND CONDUIT TO BE REMOVED.

\*d - INDICATES EXISTING GROUND FAULT CIRCUIT BREAKER TO BE REMOVED AND REPLACED WITH NEW 20 AMP, 1 POLE, 120 VOLT CIRCUIT BREAKER C/W MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE ON SITE. ASSOCIATED EXISTING WIRING AND CONDUIT TO BE REMOVED. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.

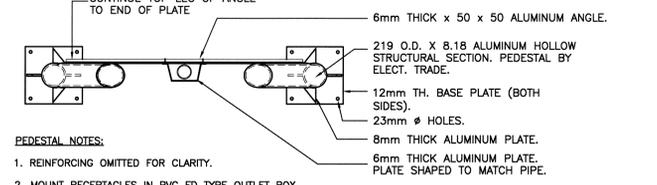
\*e - INDICATES SUPPLY AND INSTALL NEW 30 AMP, 1 POLE, 120 VOLT CIRCUIT BREAKER C/W MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE ON SITE. ASSOCIATED EXISTING WIRING AND CONDUIT TO BE REMOVED. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.

\*f - INDICATES SUPPLY AND INSTALL NEW 30 AMP, 1 POLE, 120 VOLT CIRCUIT AND ASSOCIATED CIRCUIT BREAKER C/W MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE ON SITE. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.

\*g - INDICATES SUPPLY AND INSTALL NEW 15 AMP, 1 POLE, 120 VOLT CIRCUIT AND ASSOCIATED CIRCUIT BREAKER C/W MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE ON SITE. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.



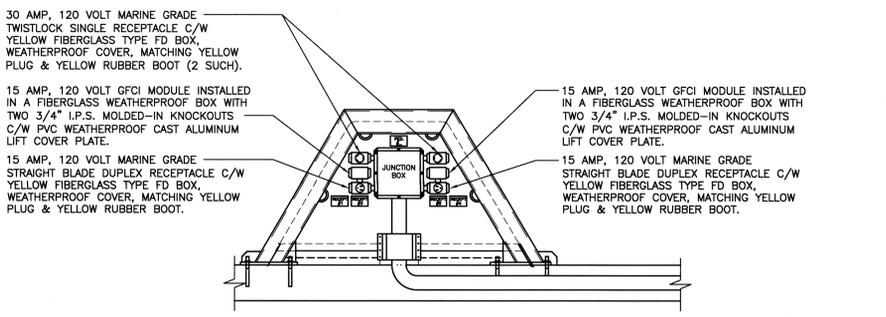
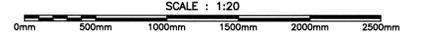
ELEVATION



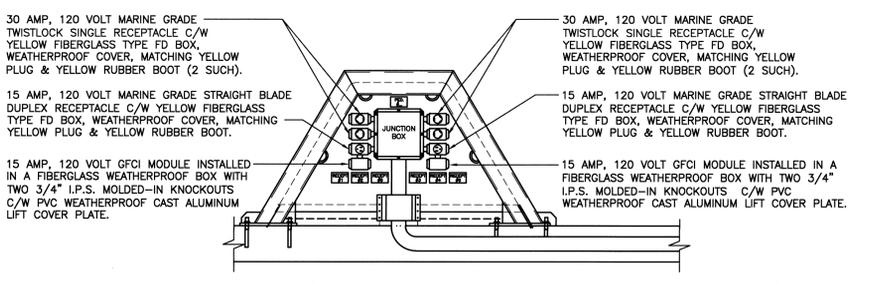
PEDESTAL NOTES:

- REINFORCING OMITTED FOR CLARITY.
- MOUNT RECEPTACLES IN PVC FD TYPE OUTLET BOX, COVER, GASKET & MOUNTING LUGS, HUBS, WEATHER PROOF FITTINGS, CAST 'ROUSE HINDS' OR EQUAL, C/W 20mm.
- UTILIZE RIGID PVC CONDUIT C/W MARINE GRADE FITTINGS. SECURE TO PEDESTAL USING 2 HOLE STRIPS & S.S. SCREWS. TYPICAL.

TYPICAL ELECTRICAL PEDESTAL DETAIL



ELECTRICAL PEDESTALS #9, #10, #11, #13, #15  
N.T.S.



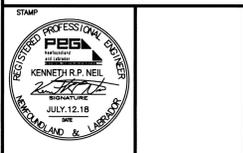
ELECTRICAL PEDESTAL #12, #14  
N.T.S.

SMALL CRAFT HARBOURS



- NOTES:
- DO NOT SCALE FROM THIS DRAWING.
  - CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE PROCEEDING WITH THIS WORK.
  - ALL WORK TO BE IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF: THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION; CANADIAN ELECTRICAL CODE, CURRENT EDITION; ANY OTHER AUTHORITIES HAVING JURISDICTION.

PROVINCE OF NEWFOUNDLAND PERMIT HOLDER Class "A" This Permit Allows CROSSIE ENGINEERING LIMITED To practice Professional Engineering in Newfoundland and Labrador. Permit No. de licence by REC-NL 00123 which is valid for the year 2018.



0	ISSUED FOR TENDER	12/07/18
A	ISSUED FOR REVIEW	16/03/18
revisions		date
project		project

MARGINAL WHARF RECONSTRUCTION  
FOXTRAP, NL

designed	K.N.	concur
date	MAY 2018	
drawn	M.N.	designe
date	MAY 2018	
approved		approve
Tender	Paul Curran	Soumission
DFO Project Manager		
project number	721924	no. du projet
drawing no.		no. du dessin