

**Small Craft Harbours**

ALL DIMENSIONS IN MILLIMETRES, UNLESS SPECIFIED OTHERWISE.

ALL ELEVATIONS IN METRES.

DO NOT SCALE FROM DRAWINGS. USE DIMENSIONS INDICATED.

ALL WORK TO BE COMPLETED AS PER CANADIAN ELECTRICAL CODE C22.1-18.

ALL RECEPTACLES FOR PEDESTALS #10, #11 ARE TO BE RAN THROUGH EXISTING METERING SYSTEM. CONTRACTOR SHALL MODIFY EXISTING METERING SYSTEM TO ACCOMMODATE NEW RECEPTACLES. ALL RECEPTACLES ARE TO BE PROPERLY LABELED TO MATCH EXISTING RECEPTACLES.

CONTRACTOR TO RE-CERTIFY EXISTING 10 YR GUARANTEE. REPROGRAM METERING SYSTEM TO INCLUDE PEDESTALS #10 AND #11.

LIGHTING AND MOUNTING ARMS SUPPLIED BY DFO. CONTRACTOR TO PICK UP AT DFO WAREHOUSE, 121 GLENCOE DRIVE, MT. PEARL, COORDINATE WITH THE PRIOR TO PICK UP. CONTACT DFO UPWARD AT 783-5689.

PEDESTAL #10 RECEPTACLES #38, #40, #41, #42, #43, #44, #45 ARE TO BE RAN THROUGH THE METERING CTS. ENTERING THE NEW BUCK/BOOST TRANSFORMERS PRIOR TO RUNNING CONDUCTORS TO PEDESTALS ON WHARF. BOTH THE 50A, 120/240V AND 100A, 120/240V TRANSFORMERS ARE TO BE PROPERLY LABELED AND IDENTIFIED FOR THE END USER TO ENSURE THEY UNDERSTAND THEY ARE 120/240V, NOT 120/208V RECEPTACLES.

EXACT LAYOUT OF EQUIPMENT LOCATED IN SHED MAY BE DIFFERENT THEN SHOWN ON THIS DRAWING. CONTRACTOR TO CHECK WITH DFO TO ENSURE NEW BUCK/BOOST TRANSFORMERS SUCH THAT THEY ALLOW FOR EASY TRANSITION OF CIRCUITS INTO EXISTING CONDUITS LOCATED IN MARGINAL FOR FINGER PIER.

**PROVINCE OF NEWFOUNDLAND AND LABRADOR**

**PERMIT HOLDER**  
this Permit Allows  
**MADERRA ENGINEERING**

To practice Professional Engineering in Newfoundland and Labrador, the holder of this Permit No. as Issued by PEO 2023 which is valid for the year 2023 to 2024 must be a member of the PEO (LIC No.) 02824

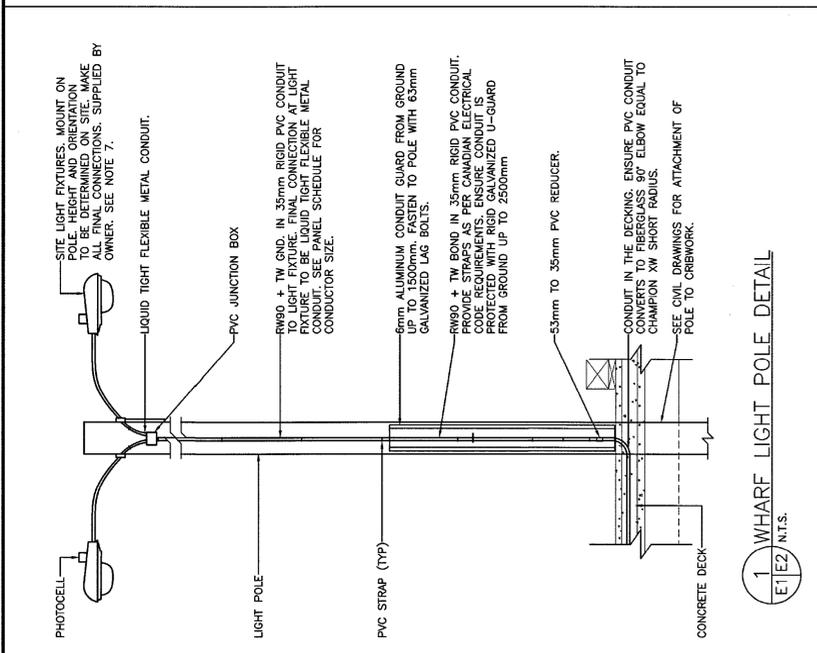
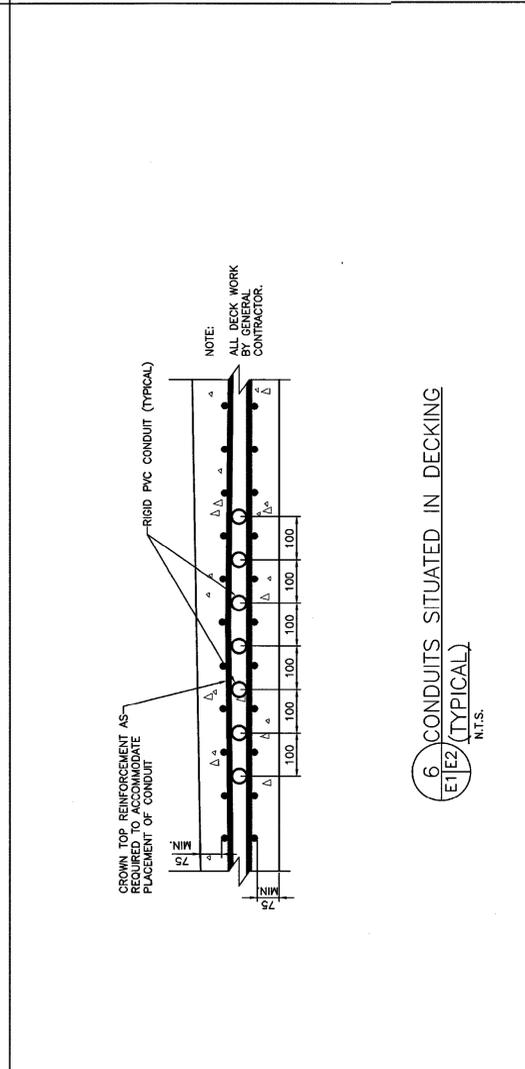
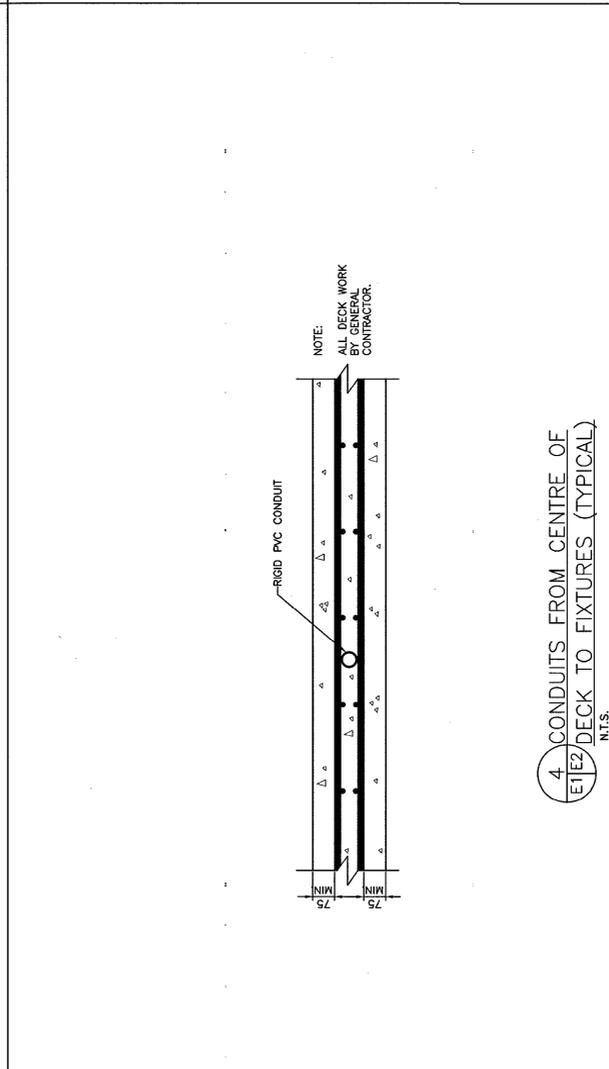
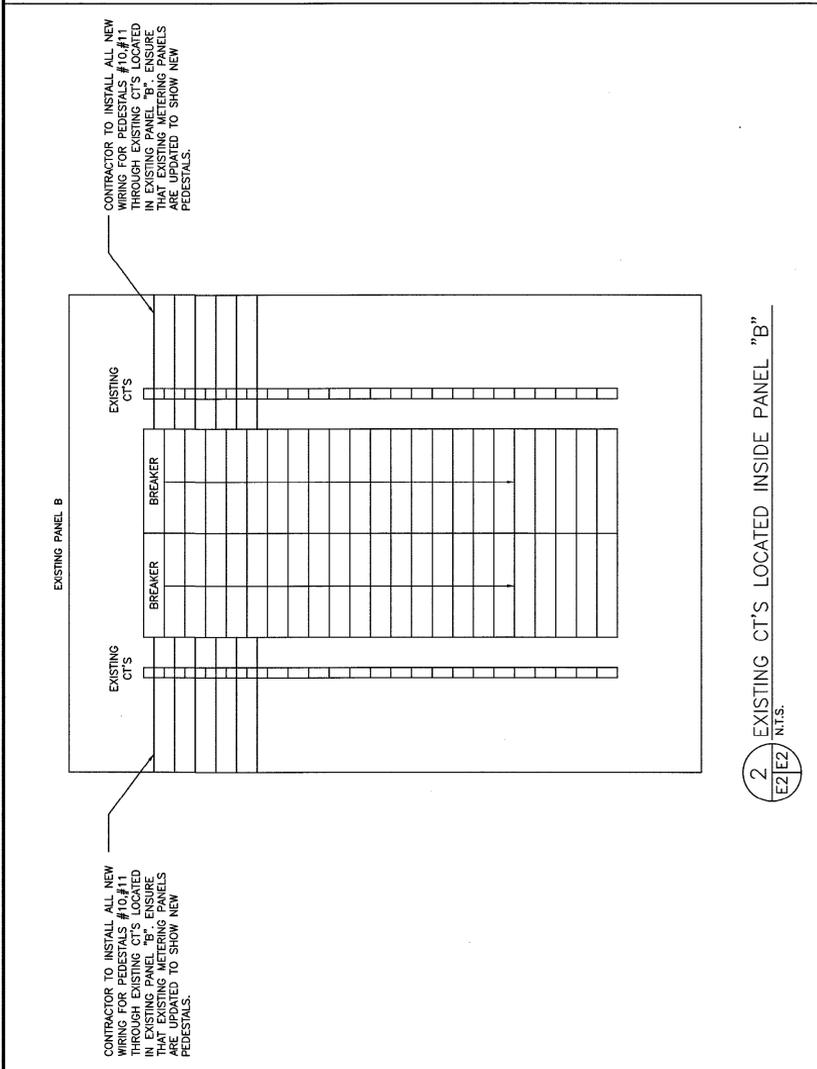
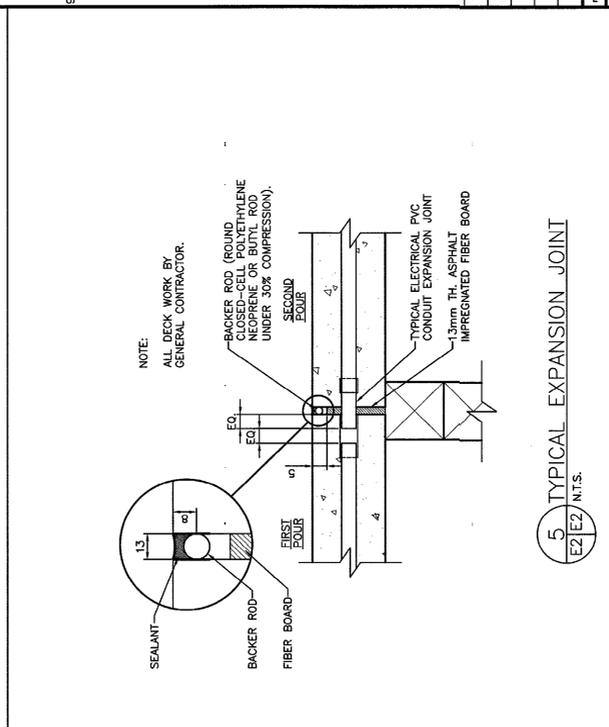
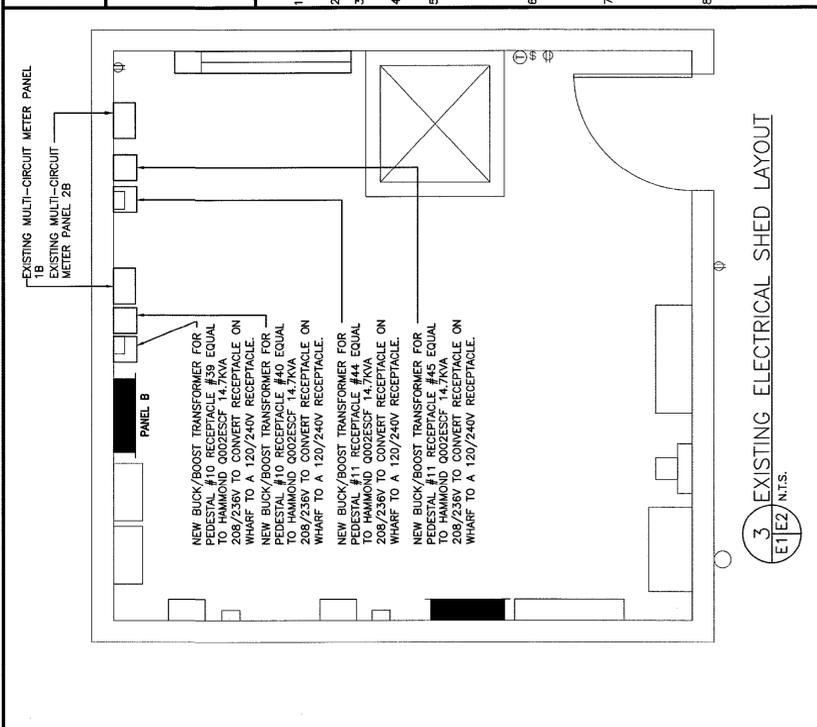
0	ISSUED FOR TENDER	19/09/19
B	ISSUED FOR 98% REVIEW	19/07/23
A	ISSUED FOR 33% REVIEW	19/09/19
revisions		date
project		date

**FINGER PIER PHASE 2**

**CHARLOTTETOWN LABRADOR**

**ELECTRICAL DETAILS**

designed	S.P.M	checked
date	FEBRUARY 2019	date
drawn	S.P.M	designed
date	FEBRUARY 2019	date
approved	R.F	approved
date	FEBRUARY 2019	date
submitter	Submission	submitter
DDO Project Manager	Submission	DDO Project Manager
project number	721683-011	no. of sheets
drawing no.	E2 OF 2	



**PANEL SCHEDULE**

TYPE 60 CIRCUIT SURFACE CABINET - TOP ENTRY

RATING: 120/208V, 3PH, 4W, 400 AMP 5/6 400A MAIN BREAKERS

STANDARD OF ACCEPTANCE: EATON POW-R-LINE 1c

MINIMUM INTERRUPTING CAPACITY: 18000 R.M.S. SYMM AMPERES

NOTES: \* RISE DROPPING SPARE BREAKERS \* NEW LIGHT POLES \* NEW BREAKER WITH EXISTING PANEL

CIRCUIT DESCRIPTION	LOAD WATTS	WIRE SIZE	CONDUIT SIZE	TERMINAL SIZE	CIRCUIT DESCRIPTION	LOAD WATTS	WIRE SIZE	CONDUIT SIZE	TERMINAL SIZE
PEDESTAL #8 RECEPTACLE #26	1440	12	15	15	6	1440	PEDESTAL #8 RECEPTACLE #31		
PEDESTAL #8 RECEPTACLE #27	2880	6	30	3	4	2880	PEDESTAL #8 RECEPTACLE #32		
PEDESTAL #8 RECEPTACLE #28	2880	8	30	5	5	2880	PEDESTAL #8 RECEPTACLE #33		
PEDESTAL #8 RECEPTACLE #29	10400	6	50	7	50	10400	PEDESTAL #8 RECEPTACLE #34		
PEDESTAL #8 RECEPTACLE #30	10400	6	2	9	10	2	10400	PEDESTAL #8 RECEPTACLE #35	
PEDESTAL #10 RECEPTACLE #36	1440	4	15*	15	15*	4	1440	PEDESTAL #11 RECEPTACLE #41	
PEDESTAL #10 RECEPTACLE #37	2880	2	30*	17	18	30*	2	2880	PEDESTAL #11 RECEPTACLE #42
PEDESTAL #10 RECEPTACLE #38	2880	2	30*	19	20	30*	2	2880	PEDESTAL #11 RECEPTACLE #43
PEDESTAL #10 RECEPTACLE #39	10400	1/0	50*	21	22	50*	1/0	10400	PEDESTAL #11 RECEPTACLE #44
PEDESTAL #10 RECEPTACLE #40	12480	3/0	60*	23	24	3/0	12480	PEDESTAL #11 RECEPTACLE #45	
SPARE				15	29	30			SPARE
SPARE				30	31	30			SPARE
SPARE				30	33	34			SPARE
SPARE				15	35	35			SPARE
JIB CRANE #2 (NEW)	3500	4	30	37	38	15			SPARE
JIB CRANE #2 RECEPTACLE #36	1440	6	15	43	44	20**	10	1200	LIGHTING - POLE #4, 5, 6, 7
MULTI-CIRCUIT METER PANEL 2A	500	12	47	48			12	500	MULTI-CIRCUIT METER PANEL 2B
SPARE				3	49	50	3		SPARE
SPARE				30	51	52			SPARE
SPARE				30	53	54			SPARE
SPARE				30	55	56			SPARE
SPARE				30	57	58			SPARE
SPARE				30	59	60			SPARE

1. PROVIDE UPDATED TYPE WRITTEN DIRECTORY.