

SMALL CRAFT HARBOURS



NOTES:
 1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 Class "A"
 This Permit Allows
CROSBIE ENGINEERING LIMITED
 To practice Professional Engineering in Newfoundland and Labrador
 Permit No. as issued by PEG-NL 00123 which is valid for the year 2021.



B ISSUED FOR TENDER 04/14/21

A ISSUED FOR REVIEW 01/19/20

WHARF CONSTRUCTION
 BAY DE VERDE, NL

drawing no. dessin

ELECTRICAL DETAILS

designed K.N. concu

date JANUARY 2021

drawn S.E. dessine

date JANUARY 2021

approved D.H. approuvé

Tender *Paul Curran* Submission

DFO Project Manager

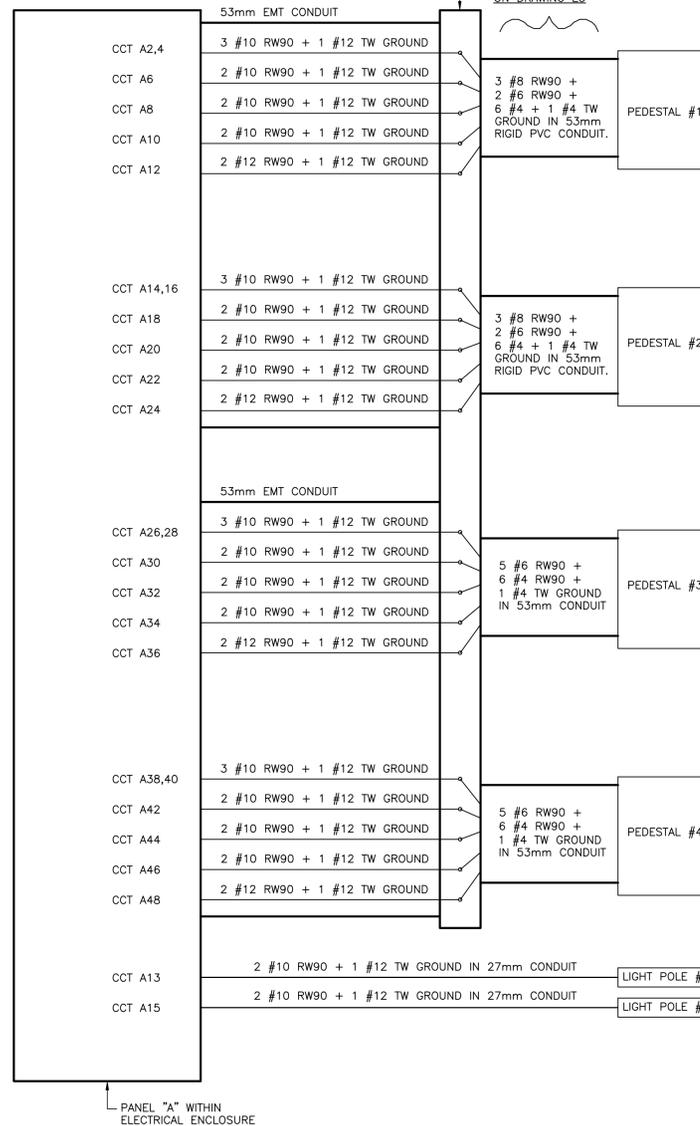
project number no. du projet

723237

drawing no. no. du dessin

TERMINATING BOX WITHIN ELECTRICAL SHED. BOX TO BE C/W DIN RAIL MOUNTED TERMINAL BLOCKS EQUAL TO "PHOENIX" CONTACT UK16 SERIES. DO NOT SPLICE CONDUCTORS. SEE TRENCH DETAILS ON DRAWING E3.

UNDERGROUND - SEE TRENCH DETAILS ON DRAWING E3



TERMINATING BOX
 N.T.S

NEW PANEL														
VOLTS 120/240		PANEL NAME "A"		MAINS RATED 400 AMP		C/W 400A, 2P MAIN BREAKER								
PHASE 1		LOCATION ELECTRICAL SHED		MOUNTING SURFACE										
WIRE 4		FED FROM ELECTRICAL SPLITTER		CIRCUITS 72										
DESIGNATION	WATTAGE Ø A Ø B	U/G WIRE	BKR	CCT	A	B	CCT	BKR	WIRE	U/G WIRE	WATTAGE Ø A Ø B	DESIGNATION		
LIGHTING (SHED)	200		12	15	1	2	30	10	8	3600	3600	PEDESTAL #1 (RECEPT. #1)	GF30	
EXTERIOR LIGHTING (SHED)		40	12	15	3	4	2	10	8					
EXTERIOR RECEPTACLE (SHED)	120		12	15	5	6	30	10	4	3600	3600	PEDESTAL #1 (RECEPT. #2)	GF30	
RECEPTACLES (SHED)		240	12	15	7	8	30	10	4	3600	3600	PEDESTAL #1 (RECEPT. #3)	GF30	
HEATER	750		12	15	9	10	30	10	4	3600	3600	PEDESTAL #1 (RECEPT. #4)	GF30	
NEW LIGHT POLE #1	300	750	12	15	11	12	20	12	6	2400	2400	PEDESTAL #1 (RECEPT. #5)	GF	
NEW LIGHT POLE #2		300	10	10	13	14	30	10	8	3600	3600	PEDESTAL #2 (RECEPT. #1)	GF30	
SPARE					15	16	2	10	8	3600	3600	PEDESTAL #2 (RECEPT. #2)	GF30	
SPARE					15	17	18	30	10	4	3600	3600	PEDESTAL #2 (RECEPT. #3)	GF30
SPARE					15	19	20	30	10	4	3600	3600	PEDESTAL #2 (RECEPT. #4)	GF30
SPARE					15	21	22	30	10	4	3600	3600	PEDESTAL #2 (RECEPT. #5)	GF
SPARE					15	23	24	20	12	6	2400	2400	PEDESTAL #2 (RECEPT. #5)	GF
SPARE					15	25	26	30	10	6	3600	3600	PEDESTAL #3 (RECEPT. #1)	GF30
SPARE					15	27	28	2	10	6	3600	3600	PEDESTAL #3 (RECEPT. #2)	GF30
SPARE					15	29	30	30	10	4	3600	3600	PEDESTAL #3 (RECEPT. #3)	GF30
SPARE					15	31	32	30	10	4	3600	3600	PEDESTAL #3 (RECEPT. #4)	GF30
SPARE					15	33	34	30	10	4	3600	3600	PEDESTAL #3 (RECEPT. #5)	GF
SPARE					15	35	36	20	12	6	2400	2400	PEDESTAL #3 (RECEPT. #5)	GF
SPARE					30	37	38	30	10	6	3600	3600	PEDESTAL #4 (RECEPT. #1)	GF30
SPARE					30	39	40	2	10	6	3600	3600	PEDESTAL #4 (RECEPT. #2)	GF30
SPARE					30	41	42	30	10	4	3600	3600	PEDESTAL #4 (RECEPT. #3)	GF30
SPARE					30	43	44	30	10	4	3600	3600	PEDESTAL #4 (RECEPT. #4)	GF30
SPARE					30	45	46	30	10	4	3600	3600	PEDESTAL #4 (RECEPT. #5)	GF
SPARE					30	47	48	20	12	6	2400	2400	PEDESTAL #4 (RECEPT. #5)	GF
SPARE					30	49	50	30				SPARE		
SPARE					30	51	52	2				SPARE		
SPARE					30	53	54	30				SPARE		
SPARE					30	55	56	2				SPARE		
SPARE					30	57	58	30				SPARE		
SPARE					2	59	60	2				SPARE		
SPARE					30	61	62	30				SPARE		
SPARE					2	63	64	2				SPARE		
SPARE					30	65	66	30				SPARE		
SPARE					2	67	68	2				SPARE		
SPARE					30	69	70	30				SPARE		
SPARE					2	71	72	2				SPARE		

DEMAND 55.59 KW 232 AMP

GF - INDICATES CONTRACTOR TO SUPPLY AND INSTALL NEW CIRCUIT AND CIRCUIT BREAKER. CIRCUIT BREAKER SHALL BE GFCI CLASS A TYPE. SUPPLY AND INSTALL NEW CIRCUIT BREAKER AS INDICATED C/W MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE ON SITE. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.

GF30 - INDICATES CONTRACTOR TO SUPPLY AND INSTALL NEW CIRCUIT AND CIRCUIT BREAKER. SHALL BE GFCI CIRCUIT BREAKER WITH GROUND FAULT SETTING AT 30mA. SUPPLY AND INSTALL NEW CIRCUIT BREAKER AS INDICATED C/W MOUNTING HARDWARE. IC RATING TO MATCH. COORDINATE ON SITE. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.

PANEL TUB FOR PANEL 'A' SHALL BE MINIMUM 710mm (28") WIDE TO ACCOMMODATE MULTI-CIRCUIT METERING SYSTEM CTS & LARGE BRANCH CIRCUIT WIRING.

PANEL "A" WITHIN ELECTRICAL ENCLOSURE