

FISHERIES AND OCEANS
CANADA

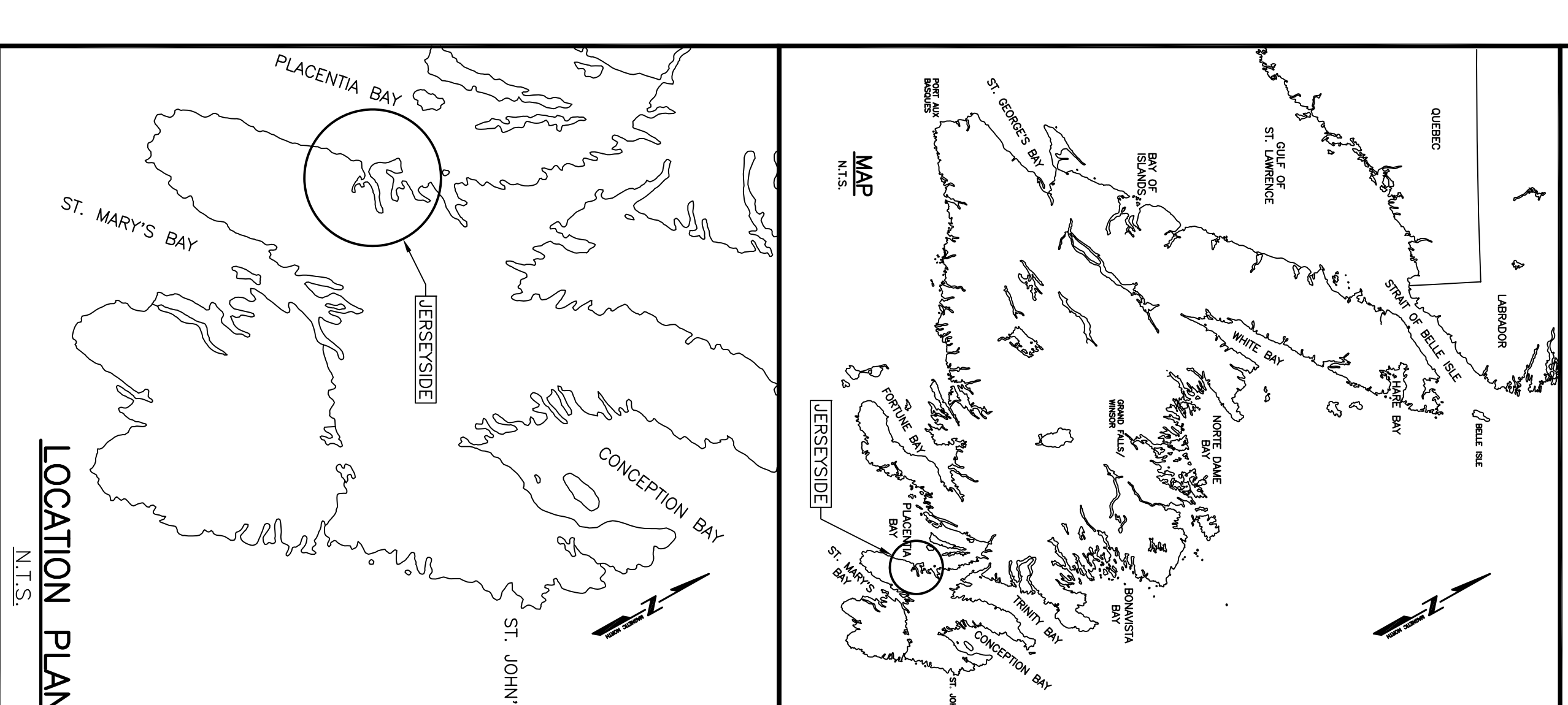
SMALL CRAFT HARBOURS



JERSEYSIDE ELECTRICAL CONSTRUCTION

JERSEYSIDE, NL
NEWFOUNDLAND AND LABRADOR

PROJECT No. C2-00089
ISSUED FOR TENDER



LIST OF DRAWINGS:

C1 OF 2	EXISTING SITE PLAN
C2 OF 2	NEW ELECTRICAL SHED AND TRENCH DETAILS
E1 OF 5	SITE PLAN
E2 OF 5	NEW WHARF PLANS
E3 OF 5	ELECTRICAL DETAILS
E4 OF 5	ELECTRICAL DETAILS
E5 OF 5	ELECTRICAL DETAILS

SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY DATES BETWEEN APRIL 03, 2012 & AUGUST 31, 2015
SOUNDING SYSTEM SINGLE TRANSDUCER SOUND
DEPTH DATE USED N/A
POSITIONING SYSTEM USED GPS (WITH OTE)
DATA TAKE/DESC(S) USED OAD DRIVING FILES(S)
TOTAL REDUCTION SCHEME

OFFICE PROCESSOR ERIC BEANS
DATE OF PROCESSING AUGUST 2015
MODE OF PLANNING LEAST SQUARES
REDUCTION OF WATER CELLS

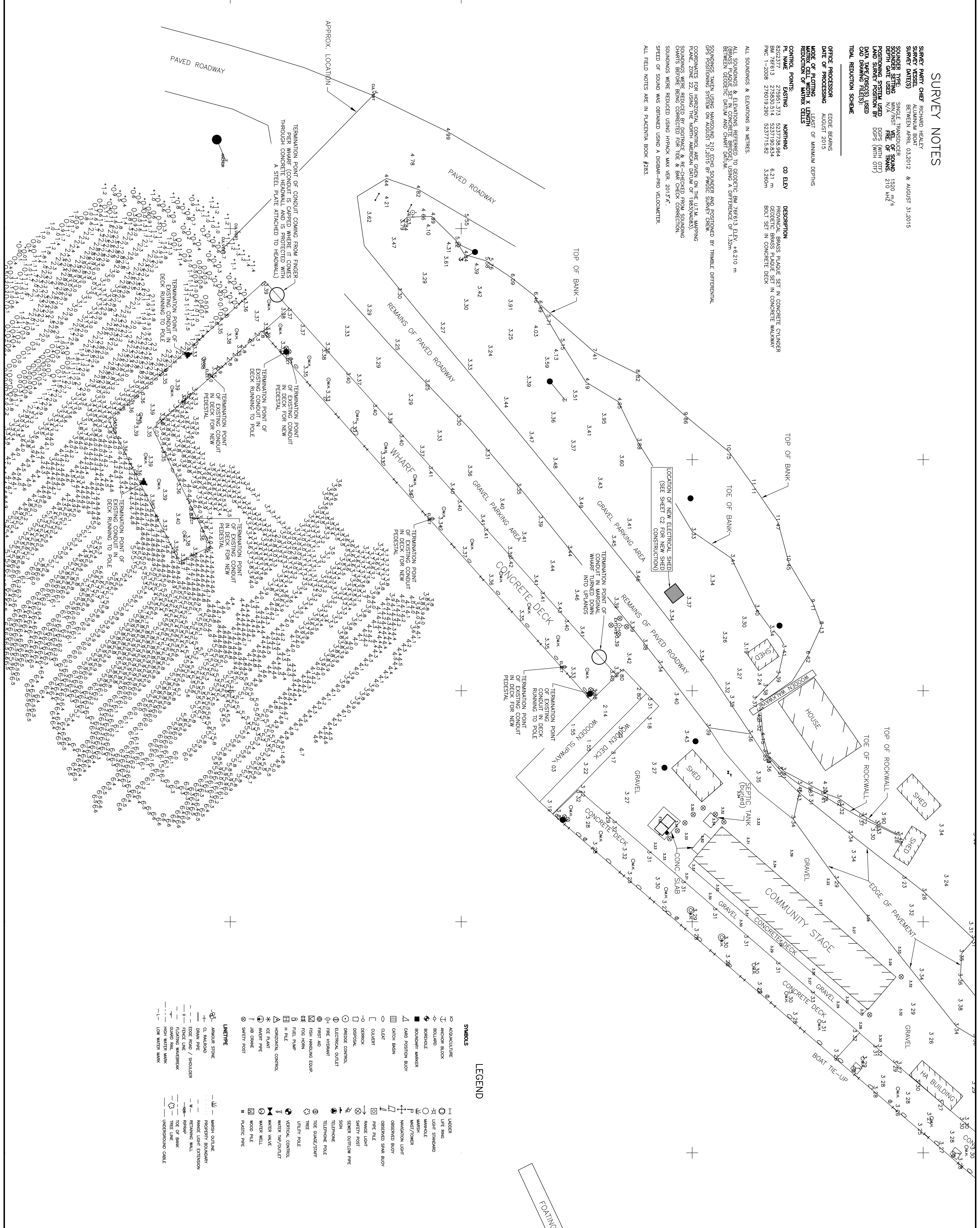
CONTROL POINTS

PT. NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
8202377	279951.373	5237728.964	6.21 m	PRONICKA BRASS PLADIE SET IN CONCRETE CULINDER
BM 787613	279830.514	5237190.834	3.260m	GEODETIC BRASS PLADIE SET IN CONCRETE WALKWAY
PWC 1-2008	276019.290	5237715.82		BOLT SET IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO GEODETIC BM 787613 ELEV. +6.210 m
 ALL SOUNDINGS & ELEVATIONS REFERRED TO CHART DATUM
 DIFFERENCE OF 1.32m
 SOUNDINGS TAKEN USING NAVSOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM BM 787613 BY PETER SMYTH GREEN.
 COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE UTM MAPPING PLANE. ELEM 22 USING THE NORTH AMERICAN DATUM OF 1983 (NAD83).
 ALL SOUNDINGS & ELEVATIONS REFERRED TO CHART DATUM
 DIFFERENCE OF 1.32m
 SOUNDINGS WERE REDUCED USING HPACK MAX VER. 2015 R.*
 SPEED OF SOUND WAS OBTAINED USING A DIGIBAR-PRO VELOCIMETER.
 ALL FIELD NOTES ARE IN PLACE/IN BOOK #283.

Plot Scale: PLOT_SCALE



LEGEND

- SYMBOLS**
- ACCURACY STONE
 - ⊕ ANCHOR BLOCK
 - BENCH MARK
 - BENCHMARK
 - ⬮ BOUNDARY MARKER
 - ⊕ CANTON BUSH
 - CANTON
 - CLEAR
 - CLUST
 - CORRUG
 - DISPERAL
 - DIELECT CONTROL
 - ELECTRICAL OUTLET
 - FIRE HYDRANT
 - FISH AND
 - FISH HANDLING EQUIP.
 - FOG HORN
 - FUEL PUMP
 - H.P. LINE
 - ICE PLANT
 - INVERT PIPE
 - JIB CRANE
 - SAFETY POST
 - UTILITY POLE
 - TELEPHONE POLE
 - THE GUYE/SWIV
 - THEE
 - VERTICAL CONTROL
 - WATER TAP/OUTLET
 - WATER VALVE
 - WATER WELL
 - WOOD PILE
 - PLASTIC PIPE
- LINE/TYPE**
- AMORPHOUS STONE
 - BULLHEAD
 - DRAWN PIPE
 - EDGE ROAD / SHOULDER
 - FENCE LINE
 - FLOODING WATERMARK
 - GLASS BALL MARK
 - LON WINDY MARK
 - MASONRY OUTLINE
 - PIERCE
 - PORTLAND CEMENT
 - RAISED LIGHT EXTENSION
 - RETAINING WALL
 - REMAINING WALKWAY
 - TREE LINE
 - UNDERGROUND CABLE

SMALL CRAFT HARBOURS

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

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
 JERSEYSIDE ELECTRICAL CONSTRUCTION

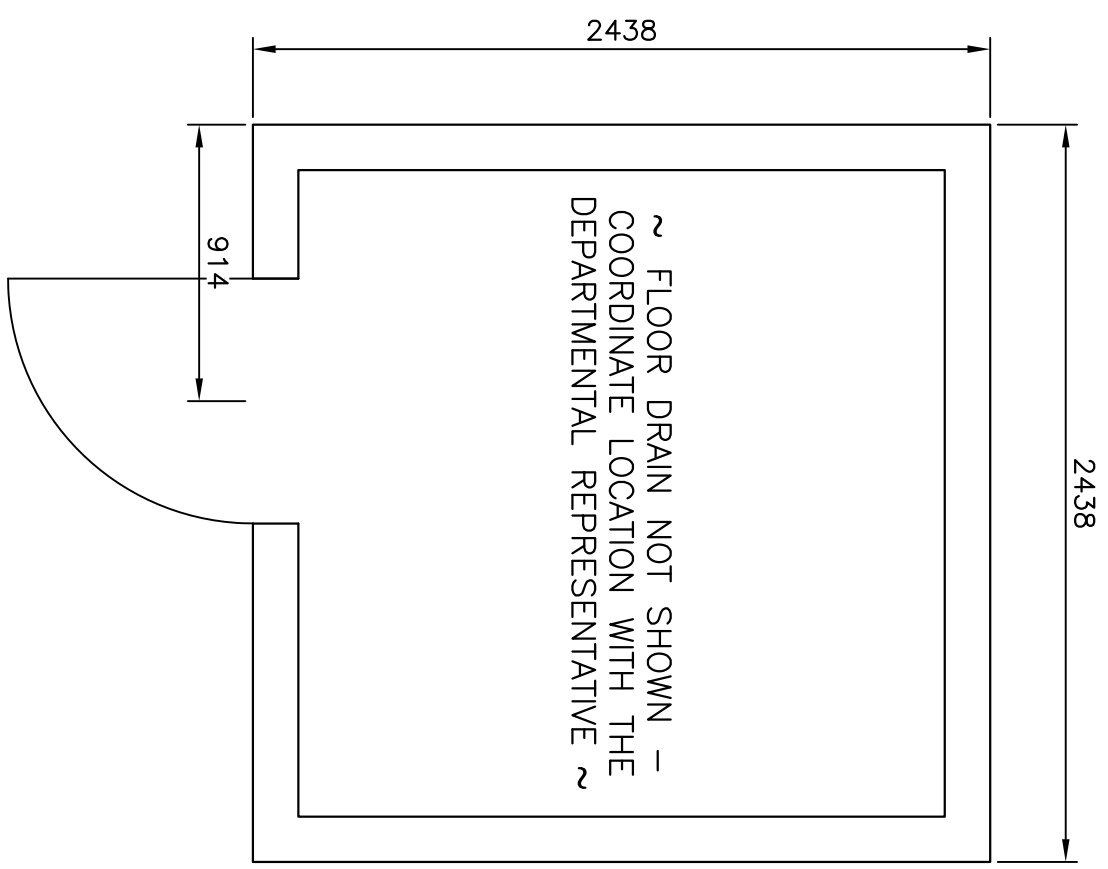
REGISTERED PROFESSIONAL ENGINEER
 NIELS C. LIND
 2015-2021
 REG. NO. 1430

ISSUED FOR TENDER	4/16/21
ISSUED FOR REVIEW	3/9/21
DATE	DATE
PROJECT	PROJECT

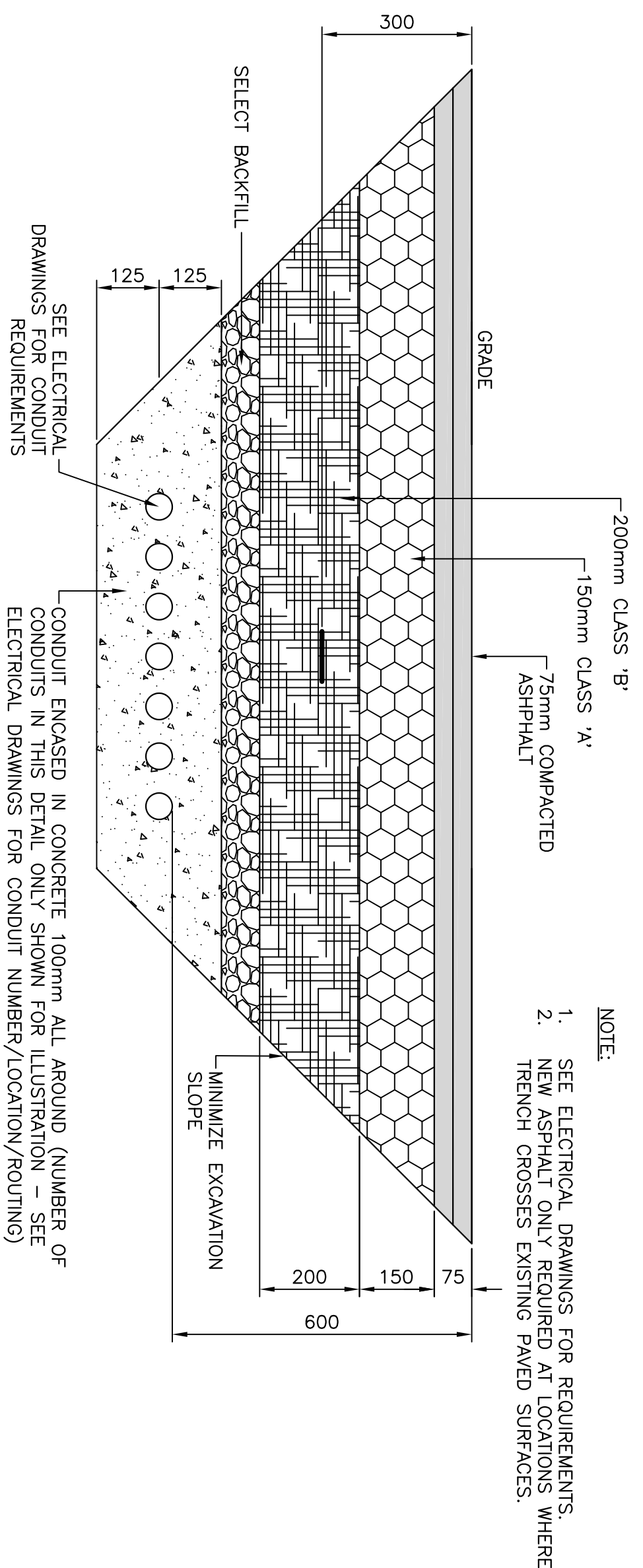
JERSEYSIDE ELECTRICAL CONSTRUCTION

EXISTING SITE PLAN

designed N.H.	scale
date	APRIL 15, 2021
drawn P.H.	designe
date	APRIL 15, 2021
approved	approve
Project number	no. du project
C2-00089	
drawing no.	no. du dessin
C1	



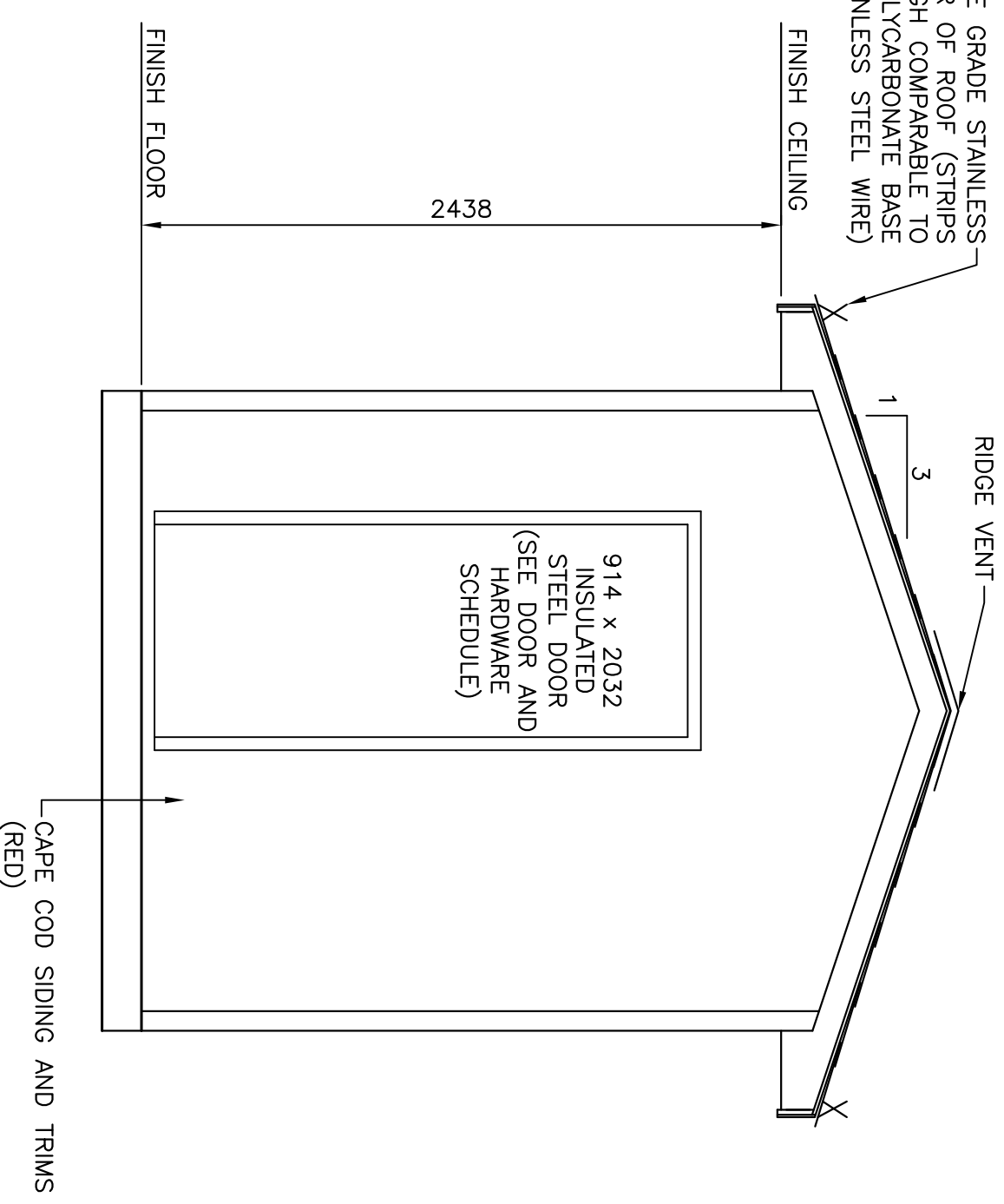
NEW ELECTRICAL SHED - PLAN
SCALE: N.T.S. 1
2 | 2



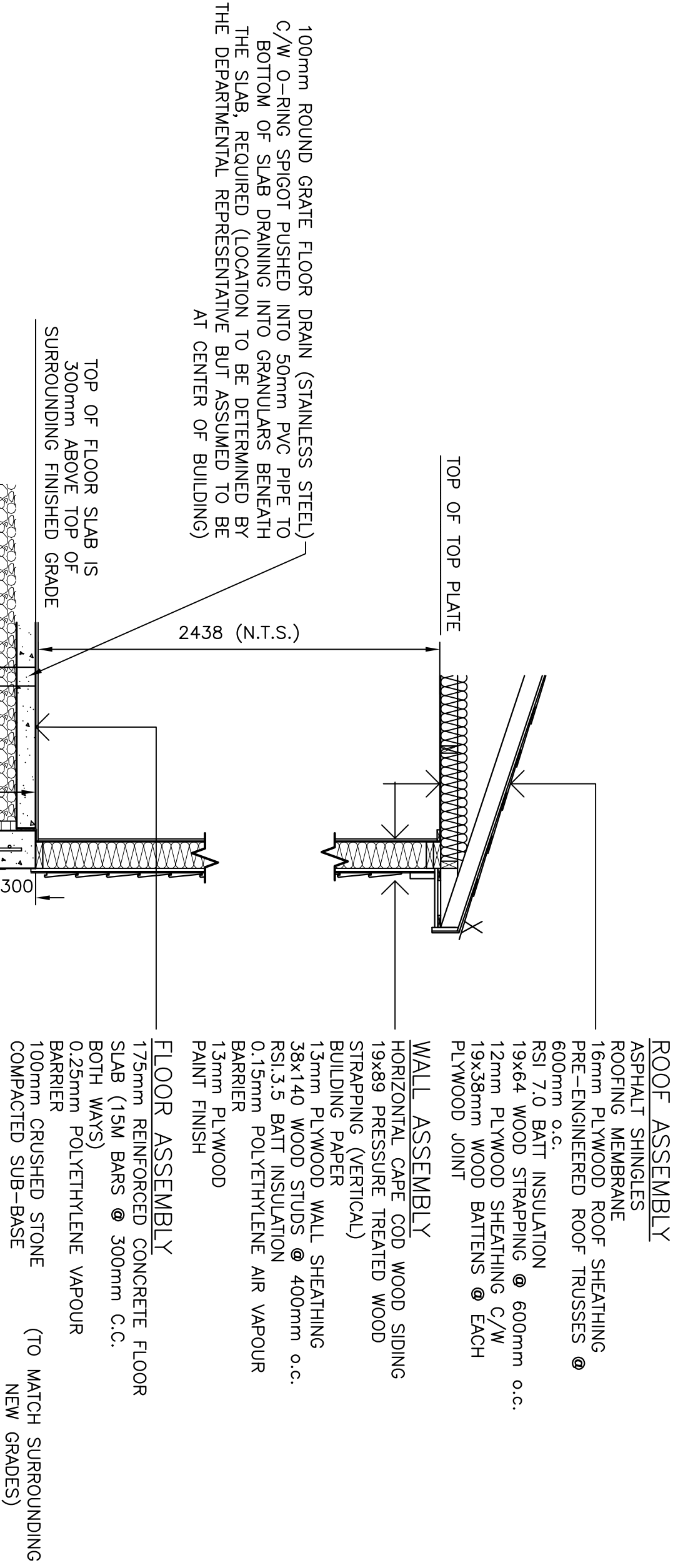
TYP. TRENCH DETAIL
SCALE: N.T.S. 4
2 | 2

- NOTE:
- SEE ELECTRICAL DRAWINGS FOR REQUIREMENTS.
 - NEW ASPHALT ONLY REQUIRED AT LOCATIONS WHERE TRENCH CROSSES EXISTING PAVED SURFACES.

- NEW DOOR AND HARDWARE SCHEDULE**
- 1 DOOR TYPE = 9144 X 2032 INSULATED STEEL DOOR
 - 1 DOOR TYPE = INSULATED STEEL DOOR
 - 1 FRAME TYPE = 50mm PRESSED STEEL FRAME
 - 3 STAINLESS STEEL HINGES (630)
 - 1 EXIT DEVICE 9300B-01-476-TV/SNB (630)
 - 1 DOOR CLOSER 8910S-19/SNB (689) - REQUIRED (AN)
 - 1 WATER DRIP - HEAD-AM2 X SIZE REQUIRED (AN)
 - 1 WATER DRIP - BOTTOM-AM1 X SIZE REQUIRED (AN)
 - 1 THRESHOLD ATPS X SIZE REQUIRED (ALUM.)
 - 1 DOOR LOCK CORBIN WITH EXTERIOR KEY



NEW ELECTRICAL SHED - ELEVATION
SCALE: N.T.S. 2
2 | 2



- ROOF ASSEMBLY**
- ASPHALT SHINGLES
 - ROOFING MEMBERS
 - PRE-ENGINEERED ROOF TRUSSES @ 600mm o.c.
 - RSI 7/0 BATT INSULATION @ 600mm o.c.
 - 12mm PLYWOOD SHEATHING C/W 19x38mm WOOD BATTENS @ EACH PLYWOOD JOINT

- WALL ASSEMBLY**
- HORIZONTAL CAPE COD WOOD SIDING
 - 19x89 PRESSURE TREATED WOOD STRAPPING (VERTICAL)
 - BUILDING PAPER
 - 38x140 WOOD STUDS @ 400mm o.c.
 - RSI 3.5 BATT INSULATION
 - 0.15mm POLYETHYLENE AIR VAPOUR BARRIER
 - PLYWOOD
 - PAINT FINISH

- FLOOR ASSEMBLY**
- 19x89 PRESSURE TREATED WOOD SLAB (15M BARS @ 300mm C.C. BOTH WAYS)
 - 0.25mm POLYETHYLENE VAPOUR BARRIER
 - CONCRETE
 - COMPACTED SUB-BASE (TO MATCH SURROUNDING NEW GRADES)

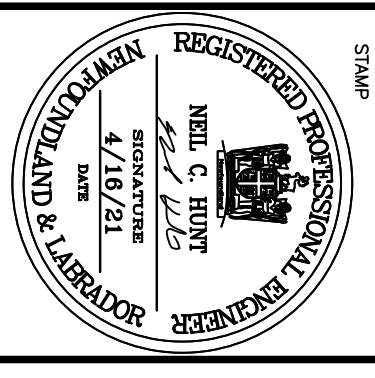
NEW ELECTRICAL SHED - SECTION
SCALE: N.T.S. 3
2 | 2



SMALL CRAFT HARBOURS

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PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
This Permit Allows
APN ENGINEERING INC.



revision	description	date
A	ISSUED FOR REVIEW	3/9/21
B	ISSUED FOR TENDER	4/7/21

project: JERSEYSIDE ELECTRICAL CONSTRUCTION
client: JERSEYSIDE, NIL

NEW ELECTRICAL SHED AND TRENCH DETAILS

designed: N.H.
date: APRIL 16, 2021
drawn: P.H.
date: APRIL 16, 2021

approved: [Signature]
BID Project Manager: C2-00089
drawing no.: C2

SMALL CRAFT HARBOURS



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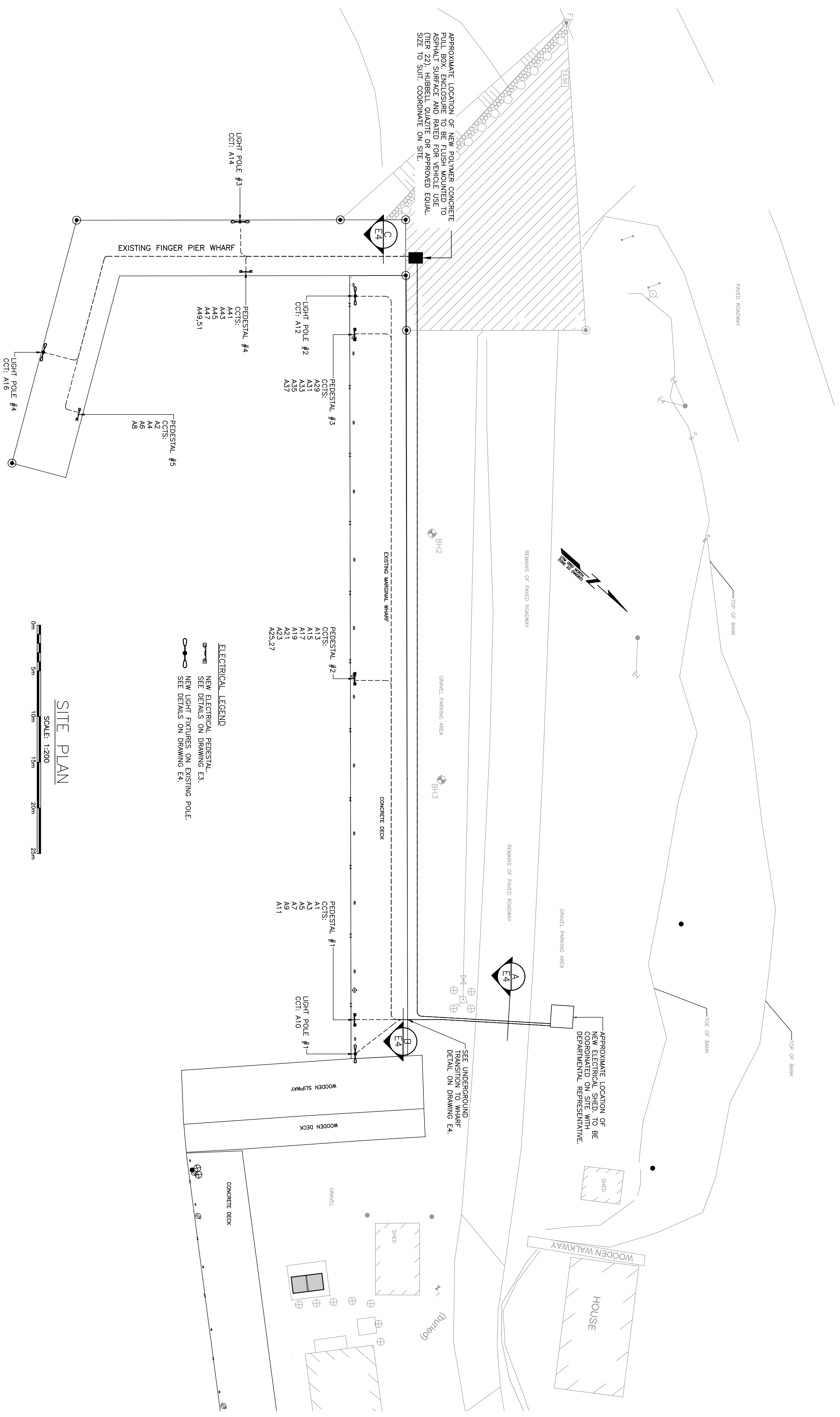
Stamp: REGISTERED PROFESSIONAL ENGINEER (P.E.G.) No. 12345, APRIL 2021. Includes logos for the Professional Engineers Ontario (PEO) and the Ontario Engineering Council (OEC).

0	ISSUED FOR TENDER	04/20/21
A	ISSUED FOR REVIEW	03/16/21
revisions	date	drawn
project	JERSEYSIDE ELECTRICAL CONSTRUCTION	
client	JERSEYSIDE, NL	

drawing: SITE PLAN, design: JERSEYSIDE, NL

designed	K.N.	checked
date	APRIL 2021	
drawn	R.J.	designed
date	APRIL 2021	approved
approved		
submitter		submission
DDO Project Manager		no. du projet
project number	C2-00089	
drawing no.	E1	no. du dessin

Plot Scale:



SITE PLAN

SCALE: 1:200
0m 5m 10m 15m 20m 25m

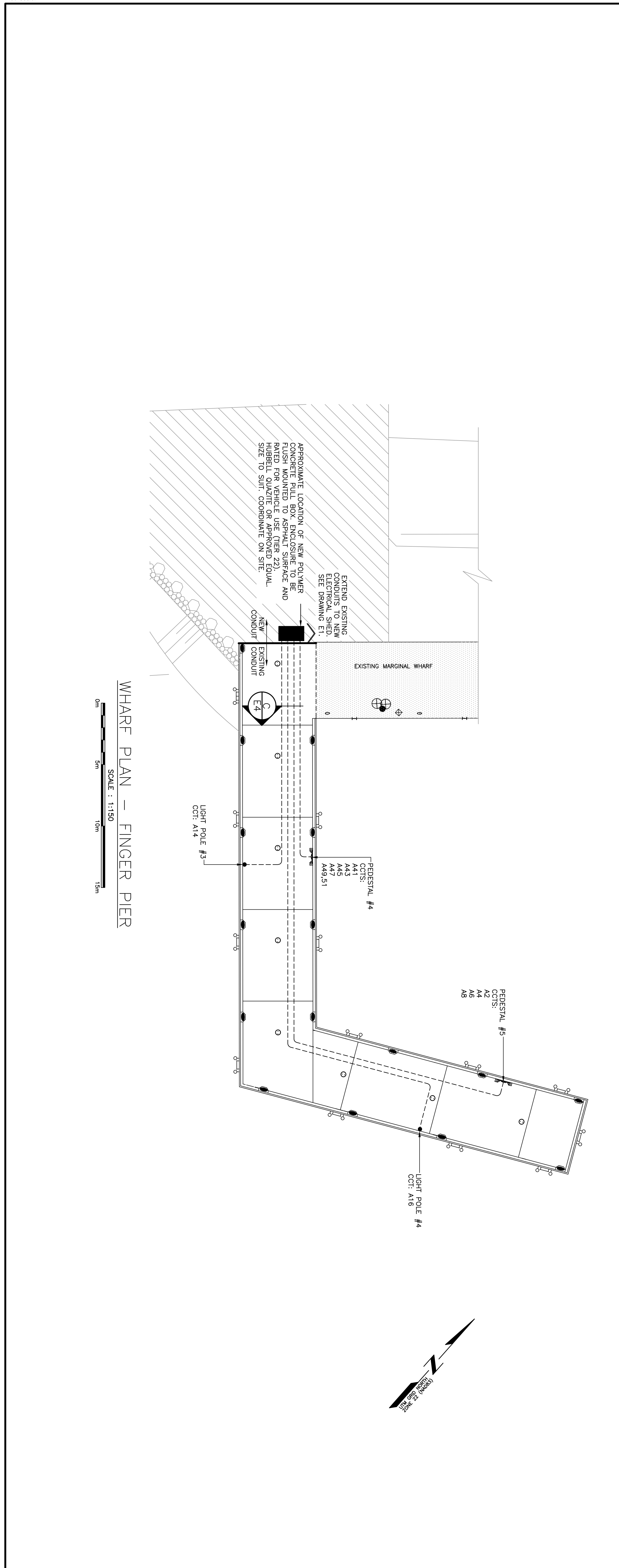
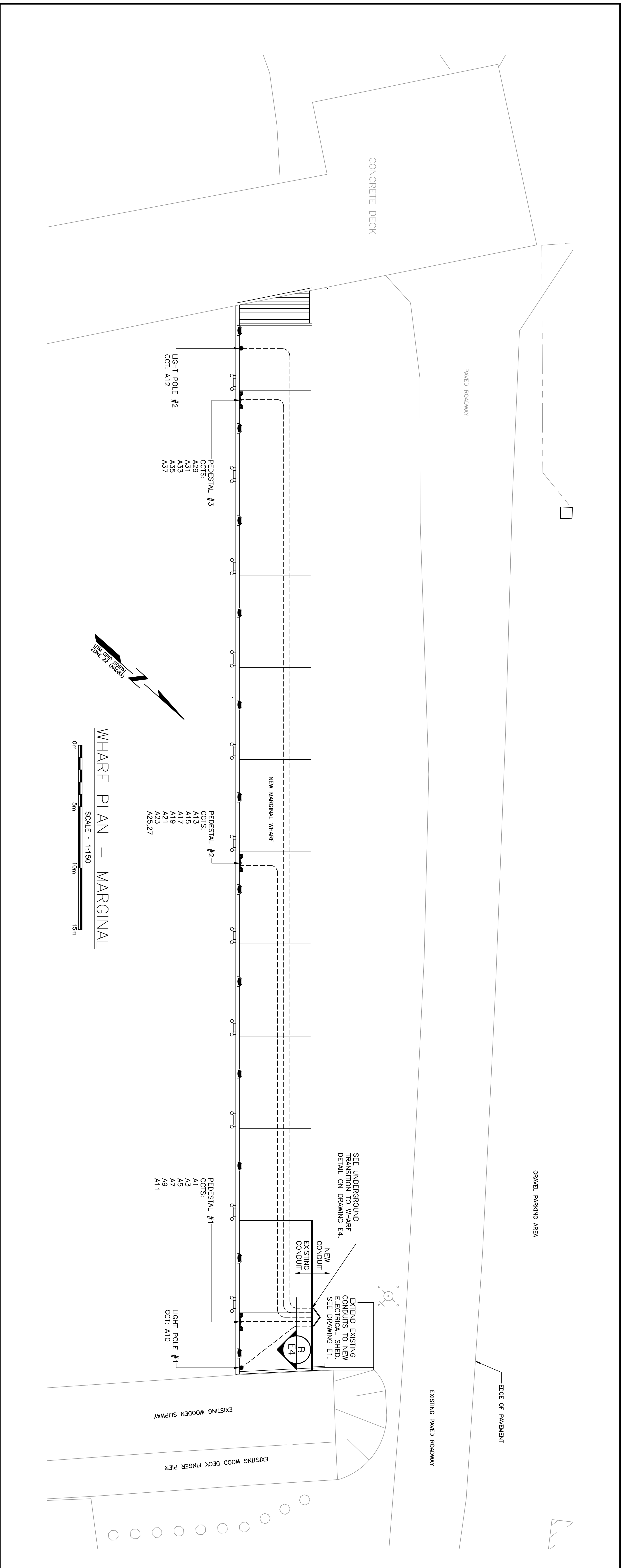
ELECTRICAL LEGEND
 NEW ELECTRICAL PEDESTAL - SEE DETAILS ON DRAWING E3.
 NEW LIGHT FIXTURES ON EXISTING POLE. SEE DETAILS ON DRAWING E4.

SMALL CRAFT HARBOURS



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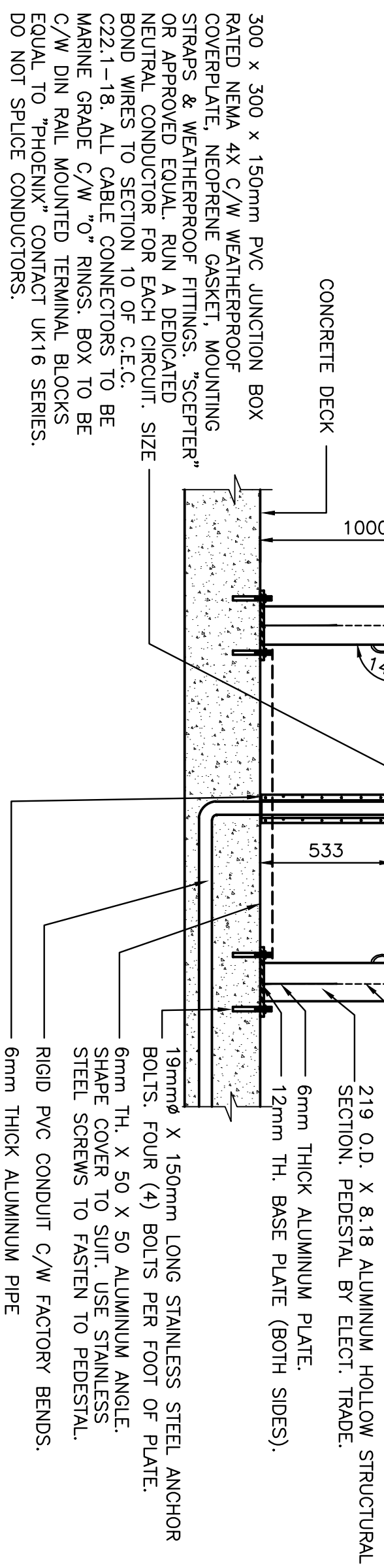
stamp	permit



drawing	design															
<p>NEW WHARF PLANS</p>	<p>JERSEYSIDE ELECTRICAL CONSTRUCTION</p> <p>JERSEYSIDE, NL</p>															
<table border="1"> <thead> <tr> <th>revision</th> <th>description</th> <th>date</th> <th>by</th> <th>check</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>ISSUED FOR TENDER</td> <td>04/20/21</td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>ISSUED FOR REVIEW</td> <td>02/16/21</td> <td></td> <td></td> </tr> </tbody> </table>	revision	description	date	by	check	0	ISSUED FOR TENDER	04/20/21			1	ISSUED FOR REVIEW	02/16/21			<p>PROJECT</p> <p>JERSEYSIDE ELECTRICAL CONSTRUCTION</p> <p>JERSEYSIDE, NL</p>
revision	description	date	by	check												
0	ISSUED FOR TENDER	04/20/21														
1	ISSUED FOR REVIEW	02/16/21														
<p>designer</p> <p>K.N.</p>	<p>client</p> <p>JERSEYSIDE ELECTRICAL CONSTRUCTION</p>															
<p>date</p> <p>APRIL 2021</p>	<p>revision</p> <p>R.1</p>															
<p>drawn</p> <p>R.1</p>	<p>checked</p> <p>R.1</p>															
<p>approved</p> <p>APRIL 2021</p>	<p>approved</p> <p>APRIL 2021</p>															
<p>number</p> <p>C2-00089</p>	<p>number</p> <p>C2-00089</p>															
<p>drawing no.</p> <p>E2</p>	<p>no. of sheets</p> <p>1</p>															

LAMACOD LABEL (MECHANICALLY ATTACHED) FOR EACH RECEPTACLE READING RECEPTACLE #1, 120 VOLT, C.C.T. A15" C/W APPROPRIATE INFO. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE FOR EXACT WORKING. RECEPTACLE NUMBER TO MATCH PANEL SCHEDULE. 13mm Ø ALUMINUM RING 100 mm DIAMETER. WELD TO HOLLOW ALUMINUM FRAME. FOUR THICK AS INDICATED.

NEW RIGID PVC CONDUIT C/W MARINE GRADE BOX CONNECTOR FITTINGS. PROVIDE 2-HOLE STAPLS AS REQUIRED.



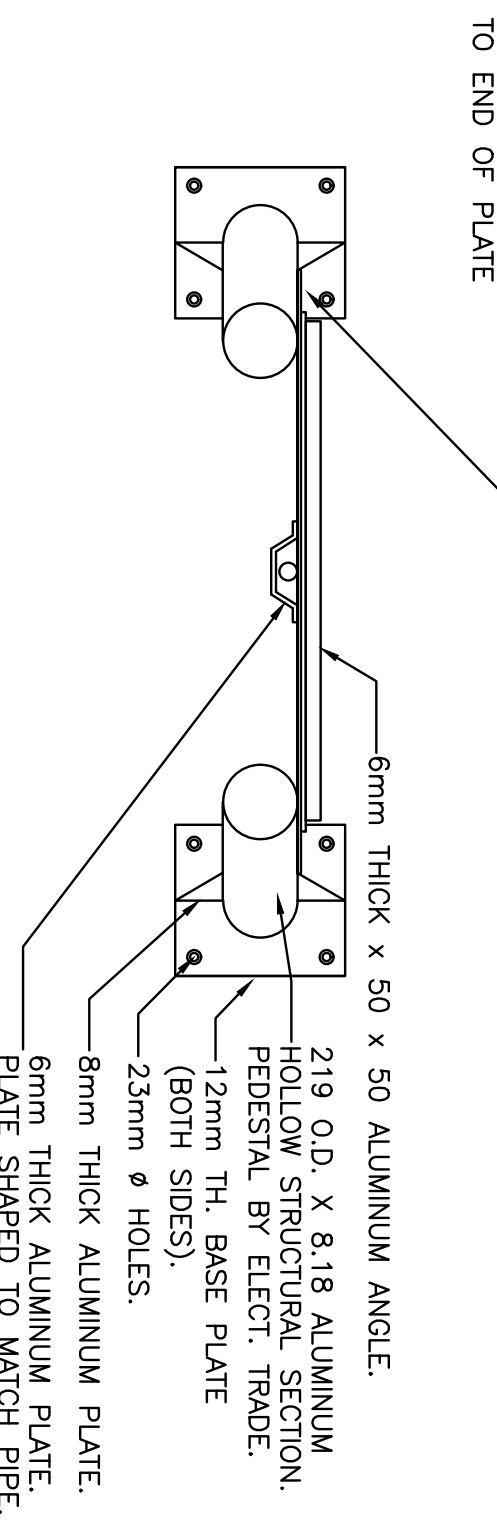
6mm THICK ALUMINUM PLATE SHAPED TO MATCH PIPE, WELDED TO HOLLOW STRUCTURAL SECTION. PEDDESTAL BY ELECT. TRADE.
219 O.D. X 8.18 ALUMINUM HOLLOW STRUCTURAL SECTION.
12mm TH. BASE PLATE (BOTH SIDES).
6mm TH. ALUMINUM PLATE.
RIGID PVC CONDUIT C/W FACTORY BENDS.
6mm TH. ALUMINUM DECK & PEDDESTAL BACK PLATE USING STAINLESS STEEL SCREWS. SHAPE GUARD TO FIT APPLICATION.

ELECTRICAL PEDESTAL DETAILS

N.T.S.

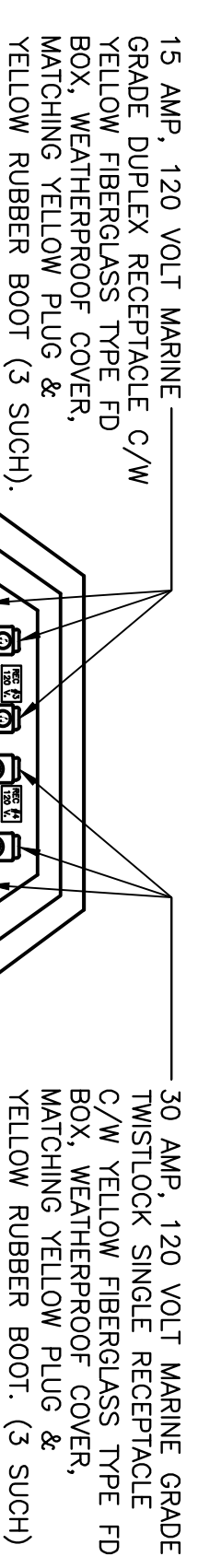
NOTE:

1. REINFORCING OMITTED FOR CLARITY.
2. MOUNT RECEPTACLES IN PVC FD TYPE OUTLET BOX. PROVIDE 2-HOLE STAPLS PER FOOT OF PLATE. FITTINGS: GASKET TORQUE FITTINGS OR EQUAL, C/W 20mm THICK PLATE TO THE BACK PLATE, FOR ALL RECEPTACLES.
3. PROVIDE ALUMINUM ANGLE MOUNTING BRACKETS WELDED TO THE BACK PLATE, FOR ALL RECEPTACLES.
4. UTILIZE RIGID PVC CONDUIT C/W MARINE GRADE FITTINGS SECURE TO PEDDESTAL USING 2 HOLE STRAPS & S.S. SCREWS. THROAT.



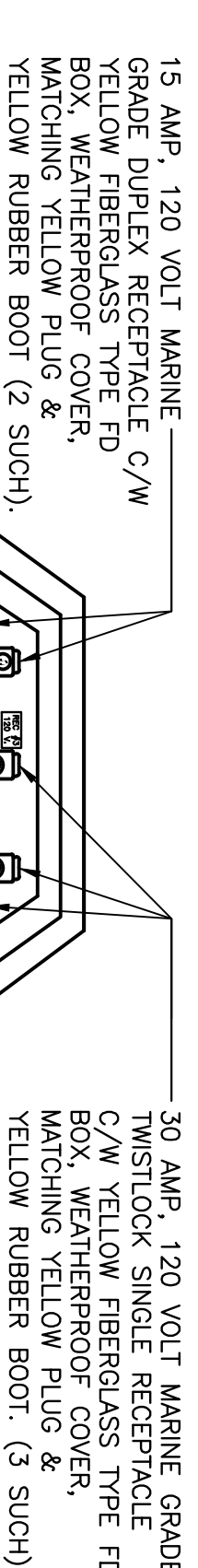
ELECTRICAL PEDESTAL #2

NOT TO SCALE



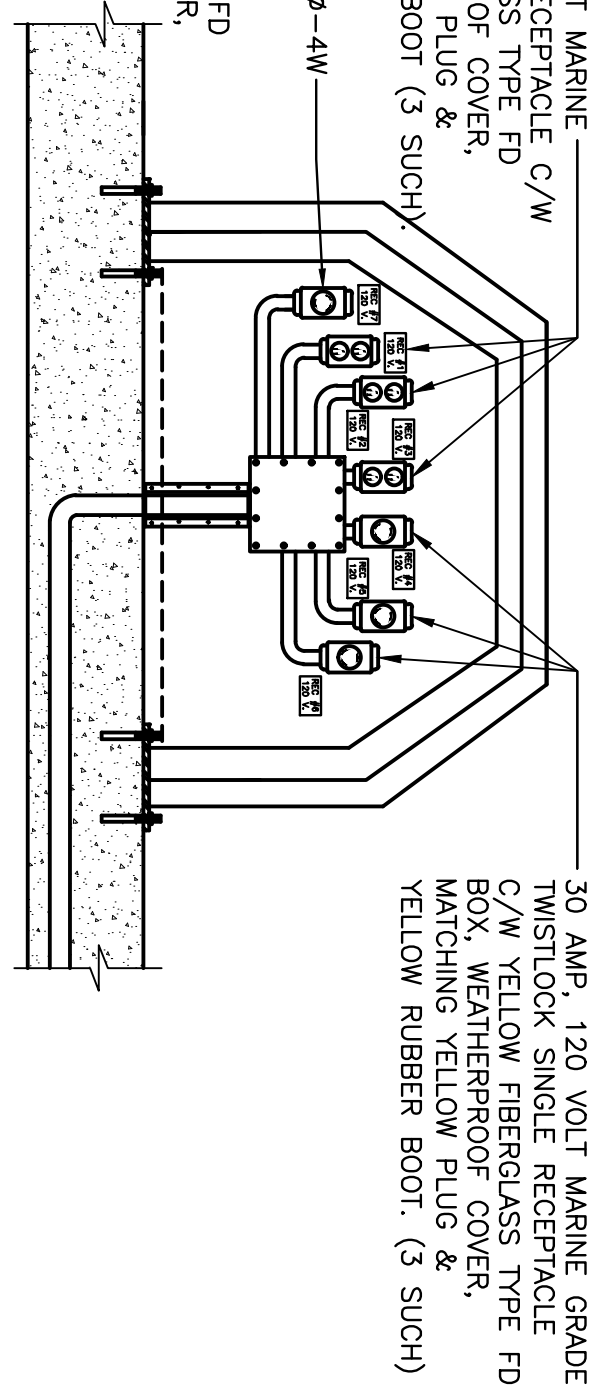
ELECTRICAL PEDESTAL #1

NOT TO SCALE



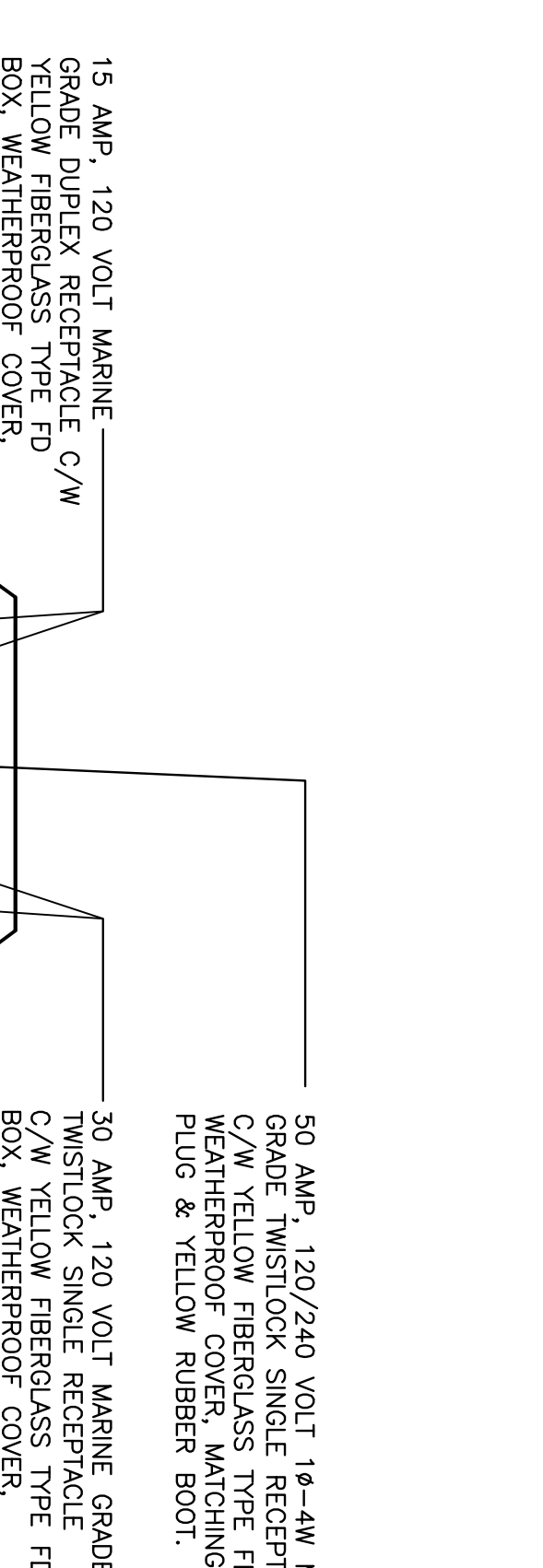
ELECTRICAL PEDESTAL #3

NOT TO SCALE



ELECTRICAL PEDESTAL #4

NOT TO SCALE

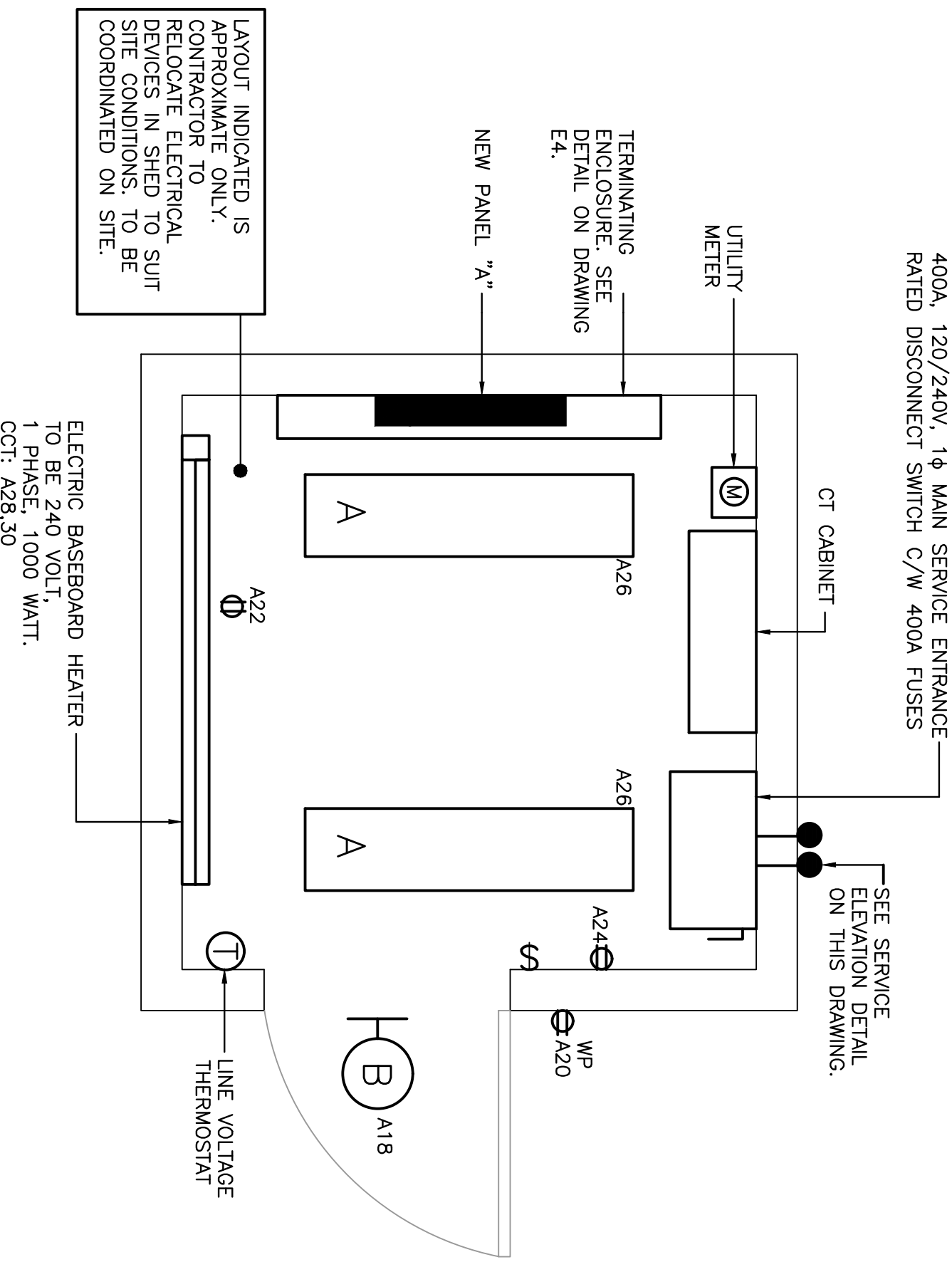


ELECTRICAL PEDESTAL #5

NOT TO SCALE

LEGEND

- Ⓜ LED LIGHTING FIXTURE, WALL MOUNTED. LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
 - Ⓛ LED LIGHTING FIXTURE. LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
 - Ⓢ SINGLE POLE TOGGLE SWITCH, 15 AMP, SPECIFICATION GRADE, WHITE C/W STAINLESS STEEL COVERPLATE. SEE SPEC. FOR MORE INFORMATION. MOUNT 1200mm ABOVE FINISH FLOOR.
 - Ⓣ DUPLEX U-GROUND RECEPTACLE, 120 VOLT, 15 AMP, SPECIFICATION GRADE, WHITE & C/W STAINLESS STEEL WEATHERPROOF COVERPLATE. MOUNT 400mm ABOVE FINISHED FLOOR. "WP" INDICATES WEATHERPROOF COVERPLATE.
 - Ⓤ ELECTRIC HEATER. SEE HEATER FIXTURE SCHEDULE AND/OR SPECIFICATION FOR DESCRIPTION.
 - Ⓟ LINE VOLTAGE THERMOSTAT RATED FOR 5000 WATTS, 208 VOLT, 1φ MOUNT 1200mm ABOVE FINISH FLOOR.
 - Ⓠ DISCONNECT SWITCH SUPPLIED AND INSTALLED BY ELECTRICAL DIVISION UNLESS NOTED OTHERWISE. EIMAC 2 (SPRINKLER PROOF) FOR INTERIOR AND EIMAC 4X FOR EXTERIOR.
- ALL BRANCH CIRCUIT WIRING IN NEW ELECTRICAL SHED SHALL BE RHW9 OR RHW10 WIRING IN RIGID PVC CONDUIT, SURFACE MOUNTED.



ELECTRICAL SHED LAYOUT

SCALE : 1:20



LAYOUT INDICATED IS APPROXIMATE ONLY. CONTRACTOR TO RELOCATE ELECTRICAL EQUIPMENT TO BE SUITABLE TO SITE CONDITIONS TO BE COORDINATED ON SITE.

Small Craft Harbours

Small Craft Harbours Ltd. 1000 West Beaver Creek Rd. Richmond Hill, ON L4B 3N2, Canada. Tel: (905) 882-7000. Fax: (905) 882-7001. Email: info@smallcraftharbours.com

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Professional Engineer

PERG PROFESSIONAL ENGINEER REGISTRY OF ONTARIO

REGISTERED PROFESSIONAL ENGINEER
No. 20740
Registration Expiry Date: 2025-09-30

REGISTERED PROFESSIONAL ENGINEER
No. 20740
Registration Expiry Date: 2025-09-30

no.	description	date
0	ISSUED FOR TENDER	04/20/21
1	ISSUED FOR REVIEW	02/16/21

JERSEYSIDE ELECTRICAL CONSTRUCTION

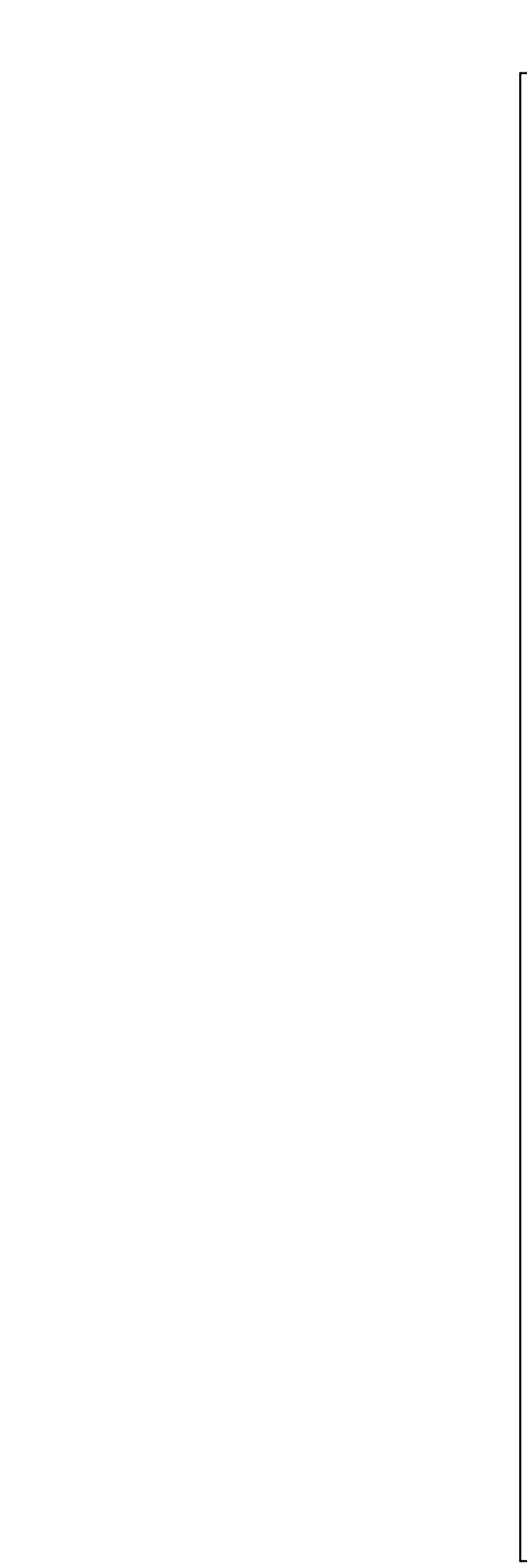
JERSEYSIDE, NL

ELECTRICAL DETAILS

designed	checked
K.N.	
drawn	designed
R.L.	
date	date
APRIL 2021	APRIL 2021
approved	approved
author	submitter
DDO Project Manager	
project number	no. de projet
C2-00089	
drawing no.	no. du dessin
E3	

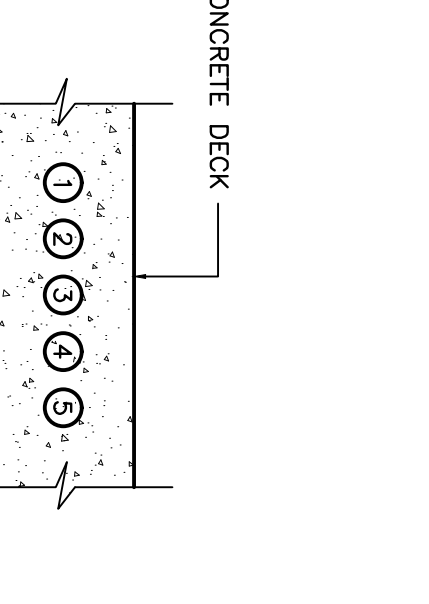
NEW PANEL		PANEL NAME		PANEL RATED		LOCATION	
VOLTS	120/240	"A"		400 AMP		ELECTRICAL SHED	
PHASE	1	FED FROM		ELECTRICAL SPLITTER		MOUNTING SURFACE	
WIRE	4	CIRCUITS		72			
DESIGNATION	WATTAGE	U/G WIRE	BKR	CCT	A	B	DESIGNATION
GF PEDestal #1 - REC. #1	1260	10	12	15	1	2	PEDestal #5 - REC. #1
GF PEDestal #2 - REC. #2	1260	10	12	15	3	4	PEDestal #5 - REC. #2
GF PEDestal #3 - REC. #3	1260	10	12	15	5	6	PEDestal #5 - REC. #3
GF-30 PEDestal #1 - REC. #4	2520	8	10	30	7	8	PEDestal #5 - REC. #4
GF-30 PEDestal #1 - REC. #5	2520	8	10	30	9	10	LIGHT POLE #1
GF-30 PEDestal #2 - REC. #6	2520	8	10	30	11	12	LIGHT POLE #2
GF PEDestal #2 - REC. #7	1260	6	12	15	13	14	LIGHT POLE #3
GF PEDestal #2 - REC. #8	1260	6	12	15	15	16	LIGHT POLE #4
GF-30 PEDestal #2 - REC. #9	2520	4	10	30	17	18	EXTERIOR LIGHTING - SHED
GF-30 PEDestal #2 - REC. #10	2520	4	10	30	19	20	EXTERIOR LIGHTING - SHED
GF-30 PEDestal #2 - REC. #11	2520	4	10	30	21	22	INTERIOR RECEPTION - SHED
GF-30 PEDestal #2 - REC. #12	4200	4	10	30	23	24	INTERIOR RECEPTION - SHED
GF-30 PEDestal #2 - REC. #13	4200	4	10	30	25	26	INTERIOR LIGHTING - SHED
GF PEDestal #2 - REC. #14	4200	4	8	27	27	28	HEAT - SHED
GF PEDestal #3 - REC. #1	1260	4	12	15	29	30	
GF PEDestal #3 - REC. #2	1260	4	12	15	31	32	SPARE
GF-30 PEDestal #3 - REC. #3	2520	2	10	30	33	34	SPARE
GF-30 PEDestal #3 - REC. #4	2520	2	10	30	35	36	SPARE
GF-30 PEDestal #3 - REC. #5	2520	2	10	30	37	38	SPARE
GF PEDestal #4 - REC. #1	1260	4	12	15	39	40	SPARE
GF PEDestal #4 - REC. #2	1260	4	12	15	41	42	SPARE
GF-30 PEDestal #4 - REC. #3	2520	2	10	30	43	44	SPARE
GF-30 PEDestal #4 - REC. #4	2520	2	10	30	45	46	SPARE
GF-30 PEDestal #4 - REC. #5	4200	2	10	30	47	48	SPARE
GF-30 PEDestal #4 - REC. #6	4200	2	10	30	49	50	SPARE
GF-30 PEDestal #4 - REC. #7	4200	3	8	2	51	52	SPARE
GF-30 PEDestal #4 - REC. #8	4200	3	8	2	53	54	SPARE
GF-30 PEDestal #4 - REC. #9	4200	3	8	2	55	56	SPARE
GF-30 PEDestal #4 - REC. #10	4200	3	8	2	57	58	SPARE
GF-30 PEDestal #4 - REC. #11	4200	3	8	2	59	60	SPARE
GF-30 PEDestal #4 - REC. #12	4200	3	8	2	61	62	SPARE
GF-30 PEDestal #4 - REC. #13	4200	3	8	2	63	64	SPARE
GF-30 PEDestal #4 - REC. #14	4200	3	8	2	65	66	SPARE
GF-30 PEDestal #4 - REC. #15	4200	3	8	2	67	68	SPARE
GF-30 PEDestal #4 - REC. #16	4200	3	8	2	69	70	SPARE
GF-30 PEDestal #4 - REC. #17	4200	3	8	2	71	72	SPARE

GF - INDICATES GFCI CIRCUIT BREAKER SHALL BE GFCI CLASS A TYPE AT 30MA.

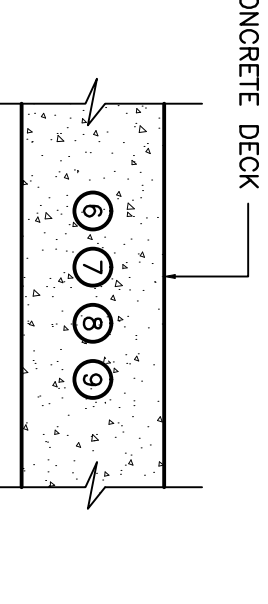


TRENCHING NOTES:

1. ALL TRENCHES SHALL BE BACKFILLED WITH SELECTED BACKFILL AND TAMPED IN 300mm LAYERS. EXCEPT AT ROAD CROSSINGS WHERE THE BACKFILL SHALL BE THE SAME MATERIAL AS THE ROAD BED AND TAMPED IN 150mm LAYERS. EXCESS FILL SHALL BE PLACED ON TOP TO ALLOW FOR SETTLEMENT.
2. THE DUCTS SHALL BE SUPPORTED BY APPROVED SPACERS. NO WIRE OR METAL NETS TO BE USED.
3. COPPER FISH WIRE MINIMUM #8 MUST BE INSTALLED IN ALL DUCTS.
4. ELECTRICAL DUCT MUST BE RIGID PVC OR APPROVED EQUIVALENT.
5. ALL DUCTS AND FITTINGS MUST BE CSA APPROVED.
6. ALL DUCTS ARE TO BE SECURELY CAPED AT BOTH ENDS.
7. ALL FITTINGS, COUPLINGS AND ADAPTERS ARE TO BE SOLVENT WELD.



TRENCH DETAIL B
SCALE : N.T.S.



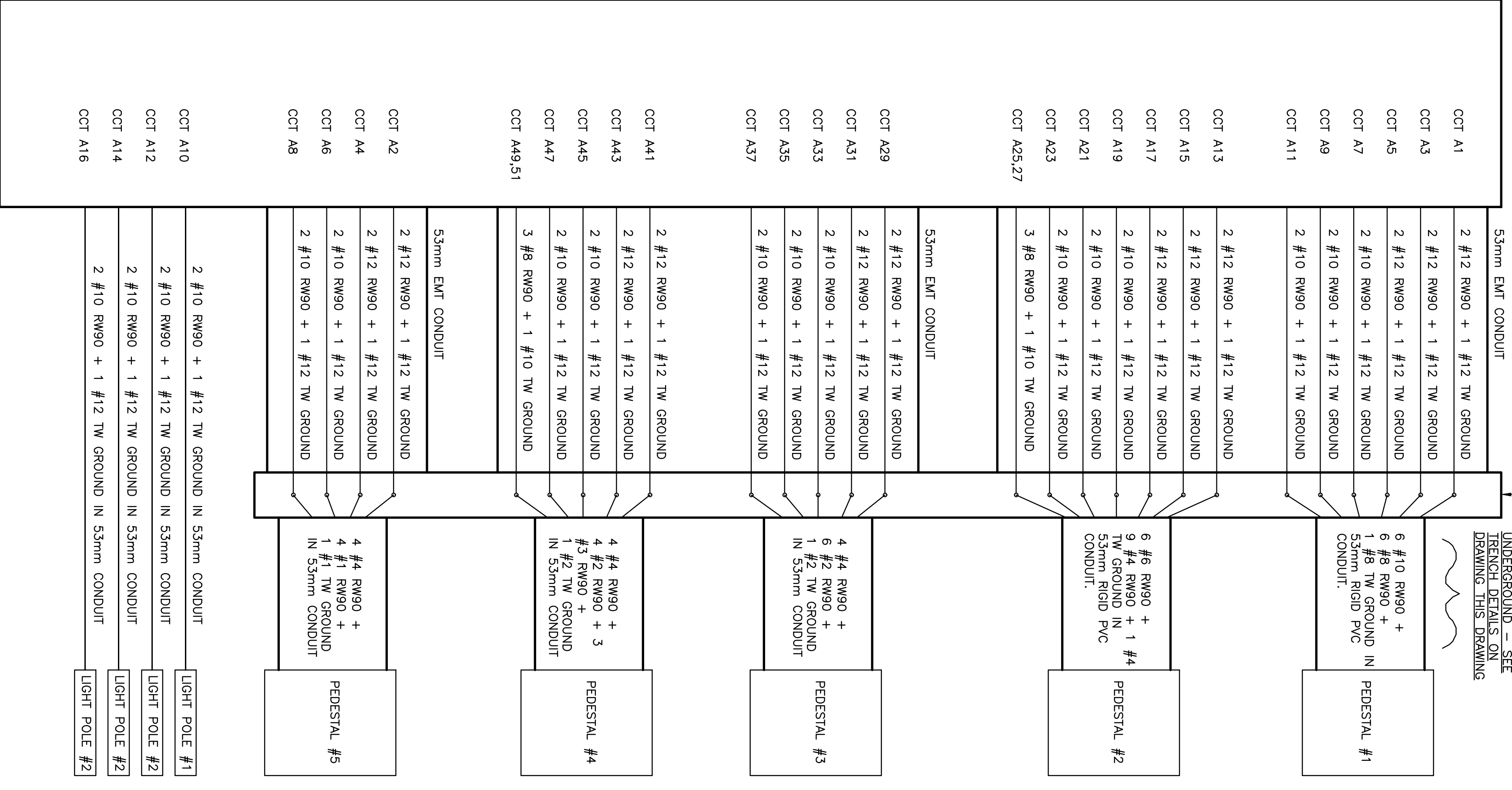
TRENCH DETAIL C
SCALE : N.T.S.

Symbols	WIRE AND CONDUIT SIZE
①	2 #10 RW90 + 1 #12 TW GROUND IN 53mm RIGID PVC CONDUIT (LIGHT POLE #1)
②	6 #10 RW90 + 6 #8 RW90 + 1 #6 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDestal #1)
③	6 #8 RW90 + 9 #4 RW90 + 1 #4 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDestal #2)
④	4 #4 RW90 + 6 #2 RW90 + 1 #2 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDestal #3)
⑤	2 #10 RW90 + 1 #12 TW GROUND IN 53mm RIGID PVC CONDUIT (LIGHT POLE #2)
⑥	4 #4 RW90 + 4 #2 RW90 + 3 #3 RW90 + 1 #2 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDestal #4)
⑦	2 #10 RW90 + 1 #12 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDestal #5)
⑧	2 #10 RW90 + 1 #12 TW GROUND IN 53mm RIGID PVC CONDUIT (LIGHT POLE #4)
⑨	2 #10 RW90 + 1 #12 TW GROUND IN 53mm RIGID PVC CONDUIT (LIGHT POLE #3)

TRENCH DETAIL A
SCALE : N.T.S.

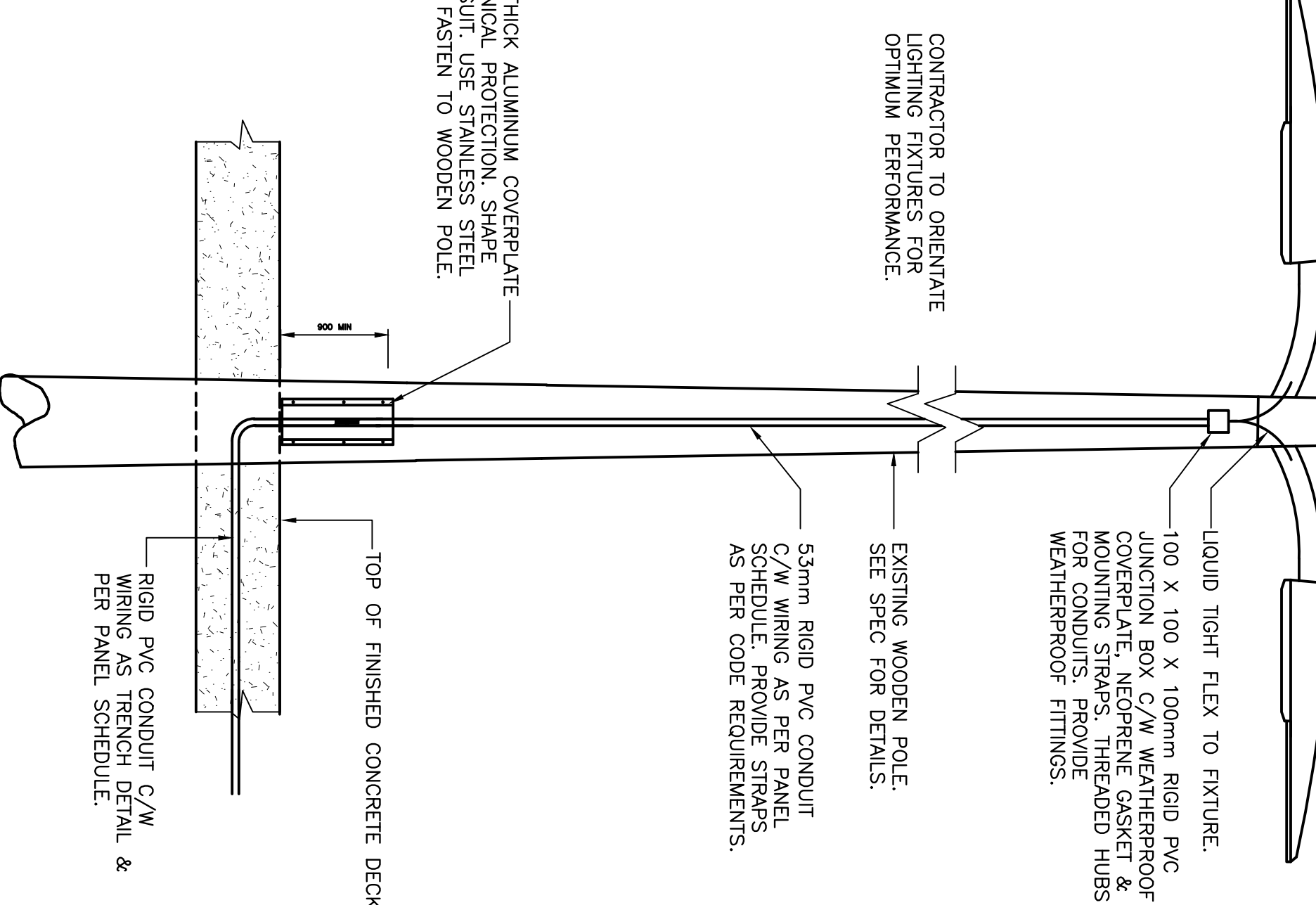
Plot Scale:

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



TERMINATING BOX DETAIL
N.T.S.

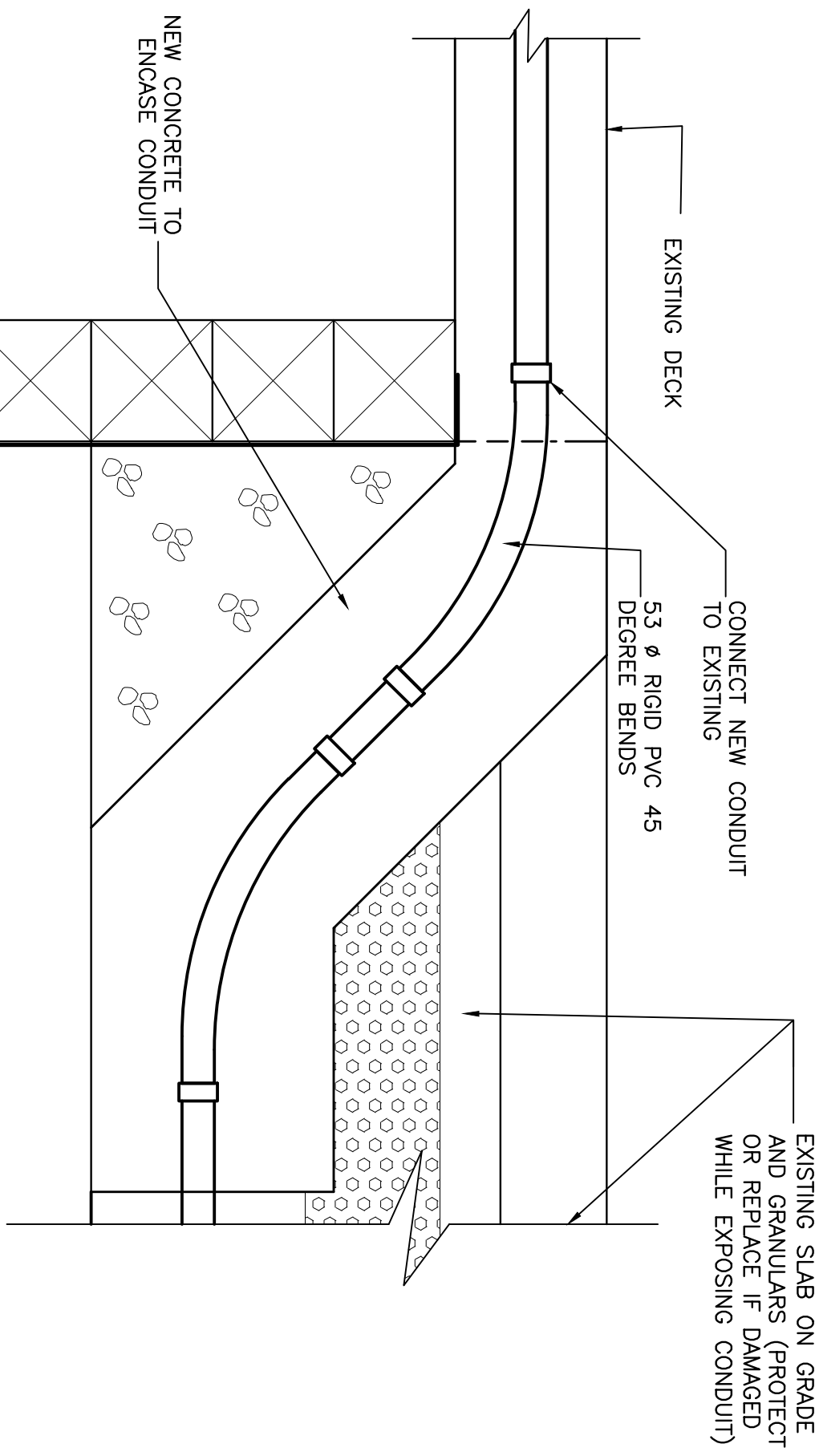
LIGHT FIXTURE, PHOTOCELL, UPSWING ARM AND LAMP TO BE SUPPLIED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. OWNER SUPPLIED MATERIALS TO BE PICKED UP BY THE CONTRACTOR AT DPO'S WAREHOUSE IN MOUNT MERU. ALL ELECTRICAL CONTRACTOR SHALL USE CONDUIT COVER PLATES, ETC FOR A COMPLETE INSTALLATION. FIXTURES SHALL BE MOUNTED 8.8 METERS ABOVE FINISHED DECK.



LIGHT POLE DETAIL
N.T.S.

NOTE:

1. CAREFULLY REMOVE GRANULARS, ROCK FILL AND SAND BEDDING TO EXPOSE END OF EXISTING CONDUITS. SORT MATERIAL AND REPLACE AFTER NEW CONDUIT HAS BEEN CONNECTED TO EXISTING.

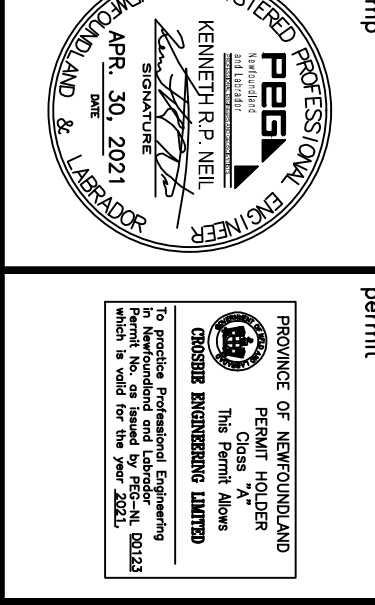


UNDERGROUND TRANSITION TO WHARF DETAIL
N.T.S.

Small Craft Harbours



NOTES:
1. ALL ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
3. DO NOT SCALE FROM DRAWINGS.
4. CONTRACTORS MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO PROCEEDING WITH ANY PORTION OF THIS WORK.



Project	JERSEYSIDE ELECTRICAL CONSTRUCTION
Client	JERSEYSIDE, NL
Issue	ISSUED FOR REVIEW
Date	02/16/21
Author	R.L.
Check	K.N.
Date	04/09/21

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Date	04/09/21

drawing no. E4

SMALL CRAFT HARBOURS



- NOTES:**
1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
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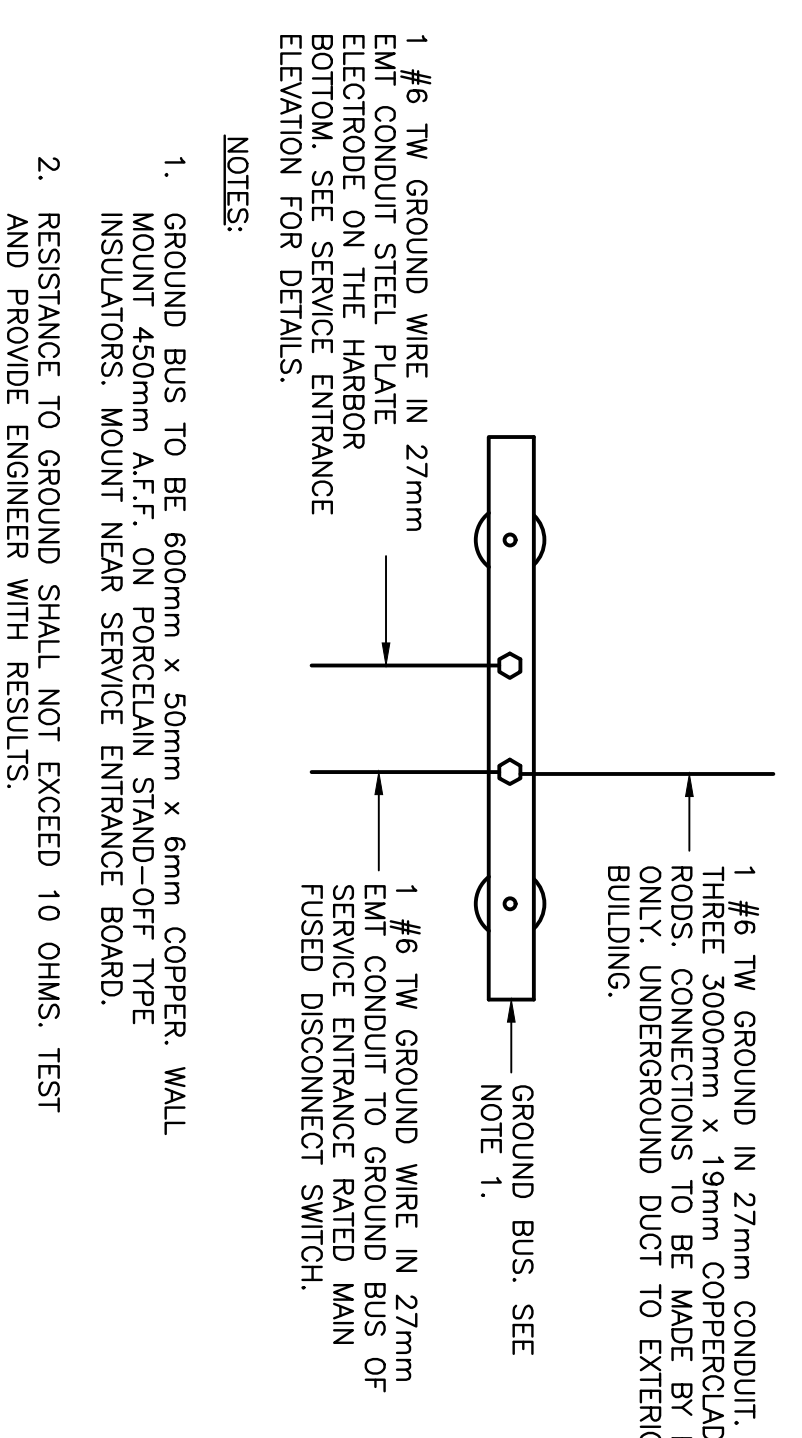
Stamp

Stamp

0	ISSUED FOR TENDER	04/20/21	
A	ISSUED FOR REVIEW	02/16/21	
<p>Project: JERSEYSIDE ELECTRICAL CONSTRUCTION</p> <p>Project: JERSEYSIDE, NL</p> <p>drawing: ELECTRICAL DETAILS</p> <p>design: JERSEYSIDE, NL</p>			
designed	K.N.	checked	
date	APRIL 2021		
drawn	R.J.	designed	
date	APRIL 2021	approved	
approved		approved	
Tender		Submission	
DDO Project Manager		no. of project	
Project number	C2-00089	no. of design	ES
drawing no.	ES		

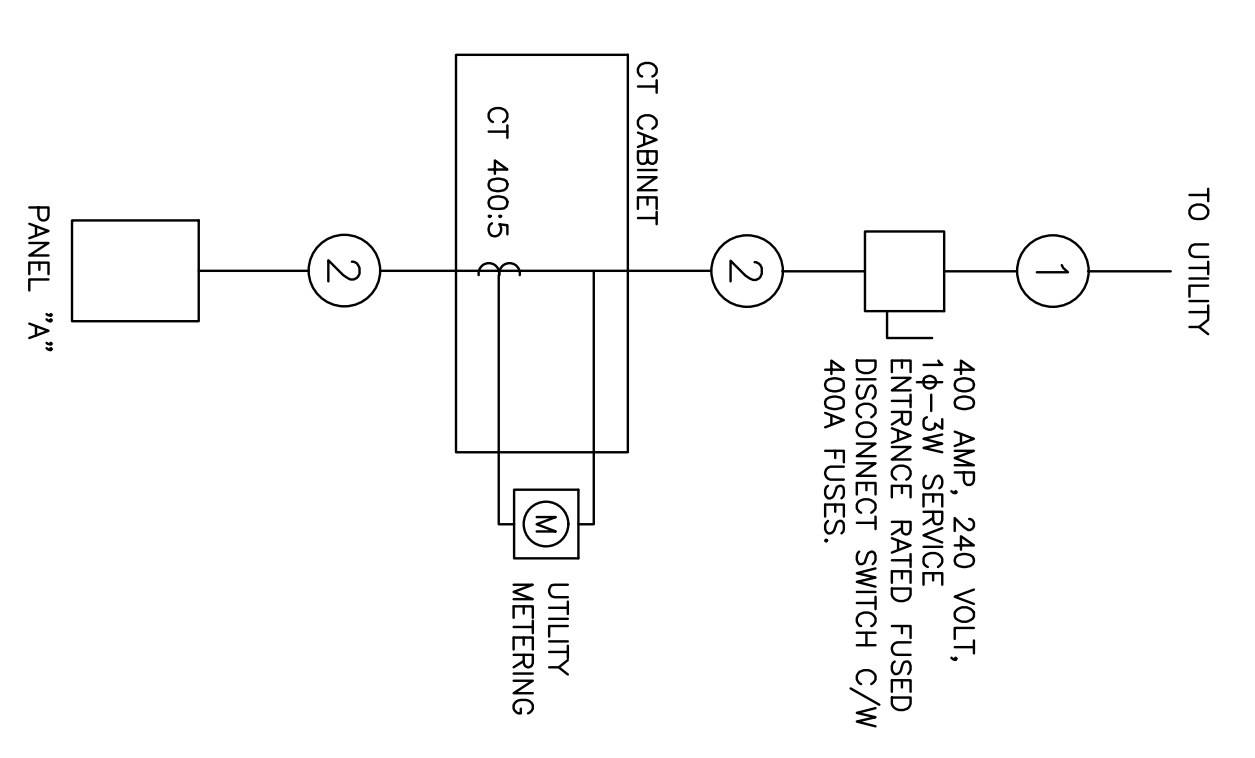
GROUND BUS DETAIL

N.T.S.



SINGLE LINE DIAGRAM

N.T.S.



SYMBOL	WIRE AND CONDUIT SIZE
①	2 PARALLEL RUNS OF 3 #3/0 RW90 IN 63mm EPOXY COATED (INSIDE AND OUTSIDE) RIGID GALVANIZED STEEL CONDUIT.
②	2 PARALLEL RUNS OF 3 #3/0 RW90 + 1 #4 TW GROUND IN 53mm EMT CONDUIT.

SERVICE ENTRANCE ELEVATION

N.T.S.

