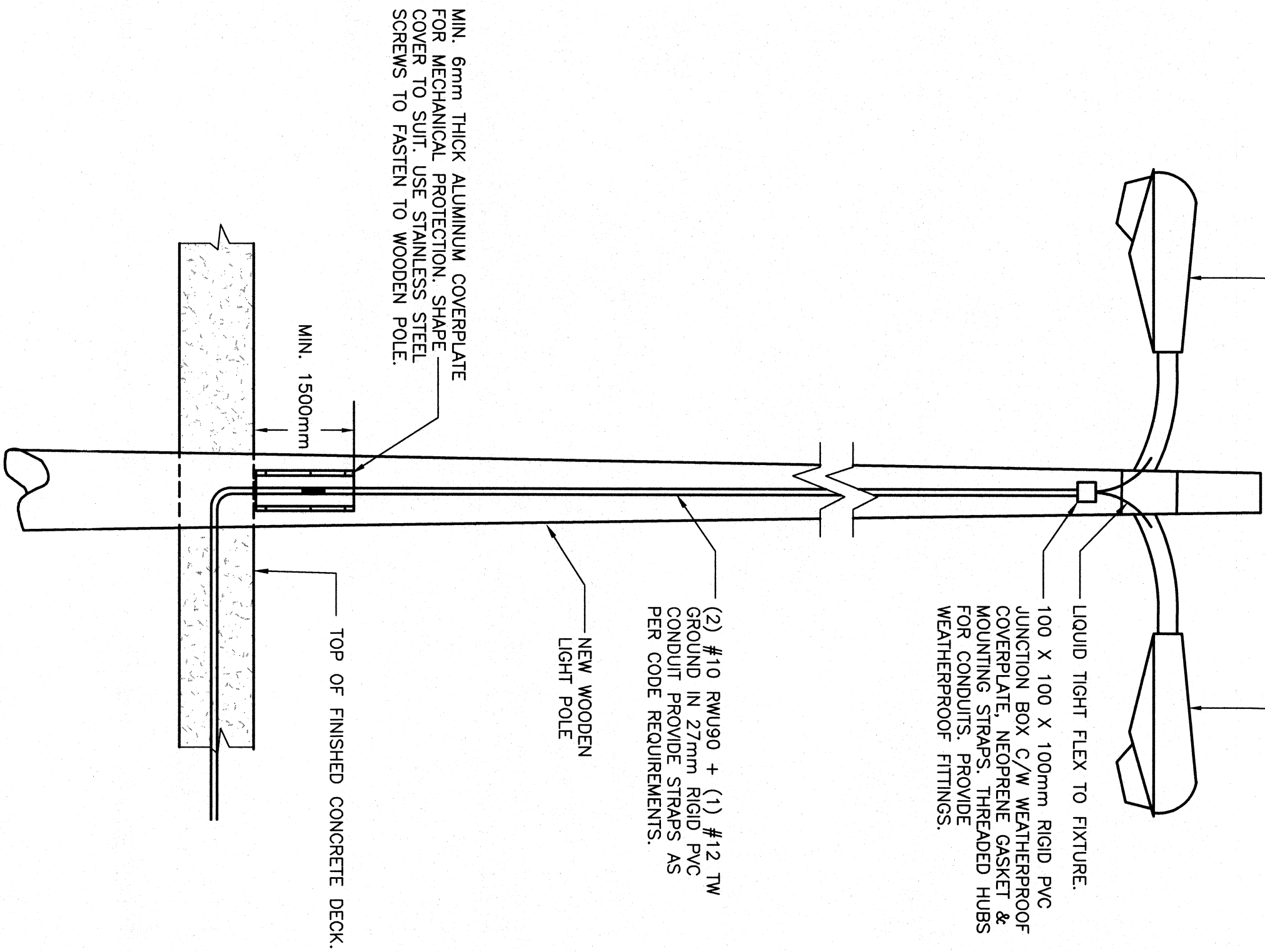


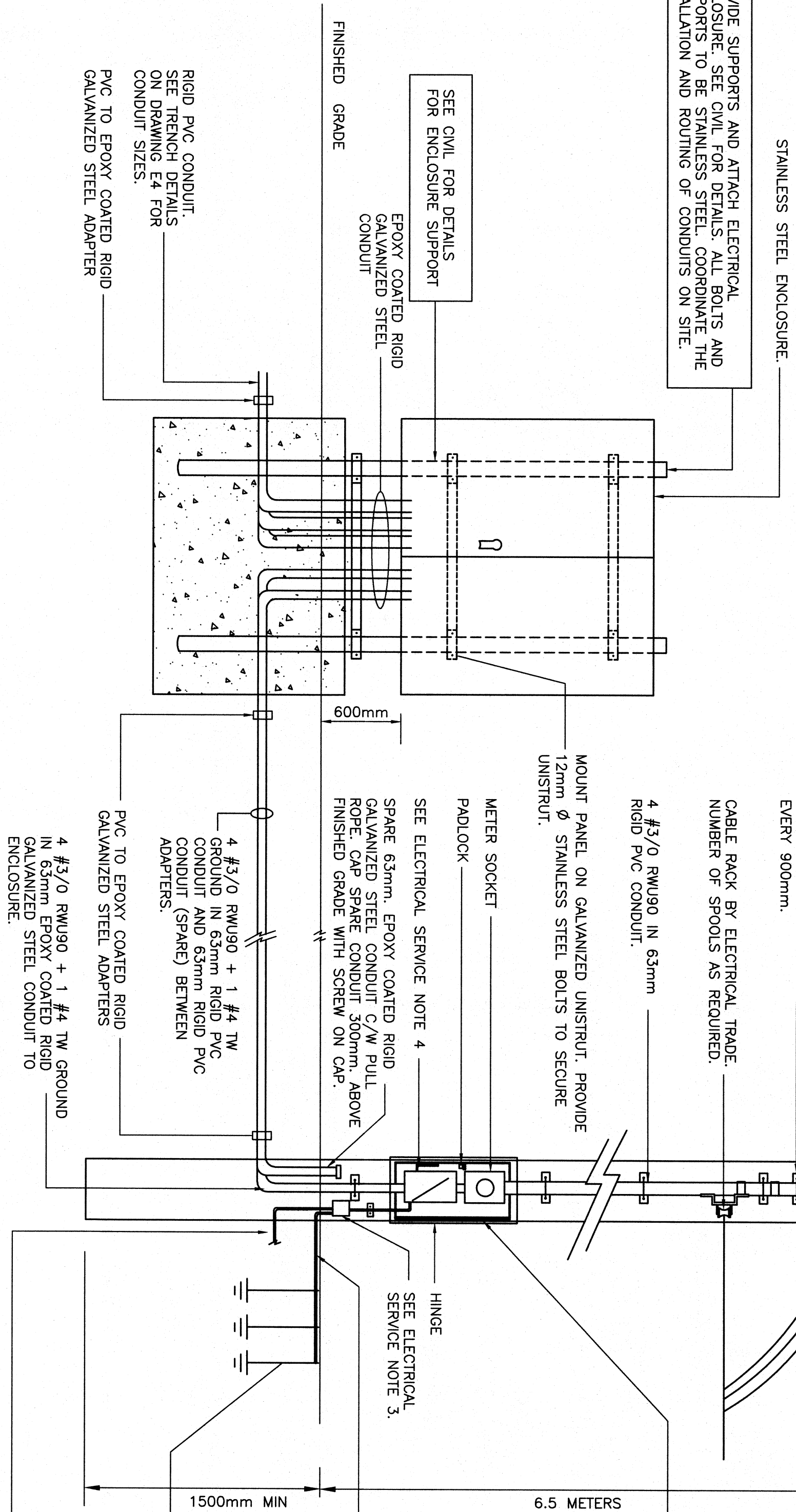
LIGHT FIXTURES, PHOTOCELLS, UPSWING ARMS AND LAMPS TO BE SUPPLIED, STORED AND INSTALLED BY ELECTRICAL CONTRACTOR. ALL WAREHOUSE MATERIALS TO BE PICKED UP BY THE CONTRACTOR AT DPO'S WAREHOUSE IN MOUNT PEARL, NL. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL OTHER MATERIALS INCLUDING WIRE, CONDUIT,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

COORDINATE THE INSTALLATION OF ALL WOODEN POLES WITH GENERAL CONTRACTOR AND CIVIL ENGINEER'S SPECIFICATION.



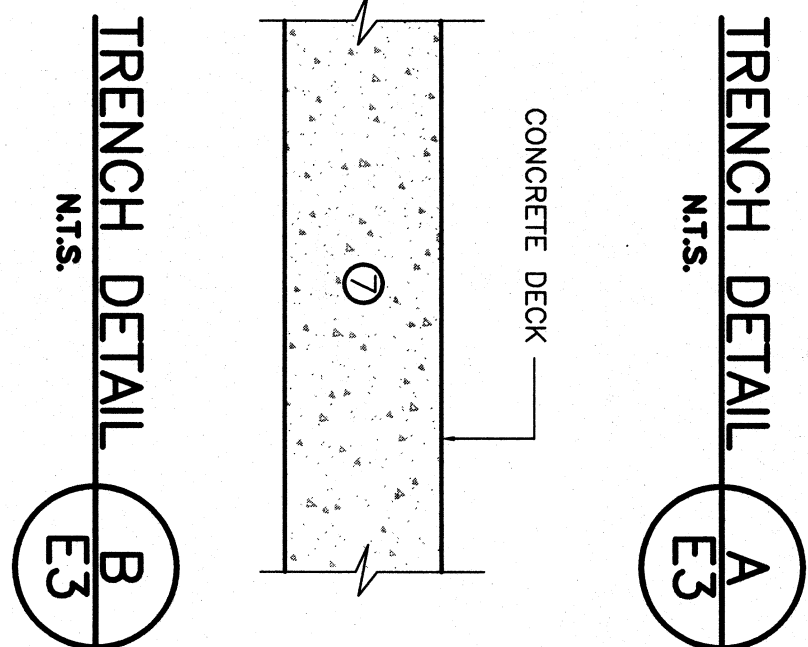
NEW LIGHT POLE DETAIL

CONTRACTOR TO COORDINATE WITH UTILITY COMPANY NEW SERVICE REQUIREMENTS. ACTUAL MOUNTING HEIGHT OF SERVICE TAST TO BE COORDINATED WITH UTILITY COMPANY AND OWNER. COORDINATE THE CONDUIT LENGTHS ON THIS DETAIL AS REQUIRED.



- ELECTRICAL SERVICE NOTES
1. RESISTANCE TO GROUND SHALL NOT EXCEED 10 OHMS. TEST AND PROVIDE ENGINEER WITH RESULTS.
 2. INSTALL THREE 3.0m x 19mm COPPERROUND GROUND RODS. ENSURE GROUND RODS ARE SPACED A MINIMUM OF 3000mm APART. MAKE CONNECTION TO GROUND WIRE FROM HEAVILY LOB MAIN SWITCH. GROUND ROD CONNECTIONS TO BE BY EXOTHERMIC PROCESS ONLY.
 3. 300 X 300mm EIMAC 4X ENCLOSURE C/W GROUND BUS AND LUGS TO ACCOMMODATE THREE (3) #6 TW GROUND CONDUCTORS. PROVIDE VANDAL PROOF SCREENS.
 4. HEAVY DUTY SERVICE ENTRANCE RATED 200 AMP, 208 VOLT, 3P FUSED MAIN SWITCH. EIMAC 4X RATED TO BE C/W FUSES.

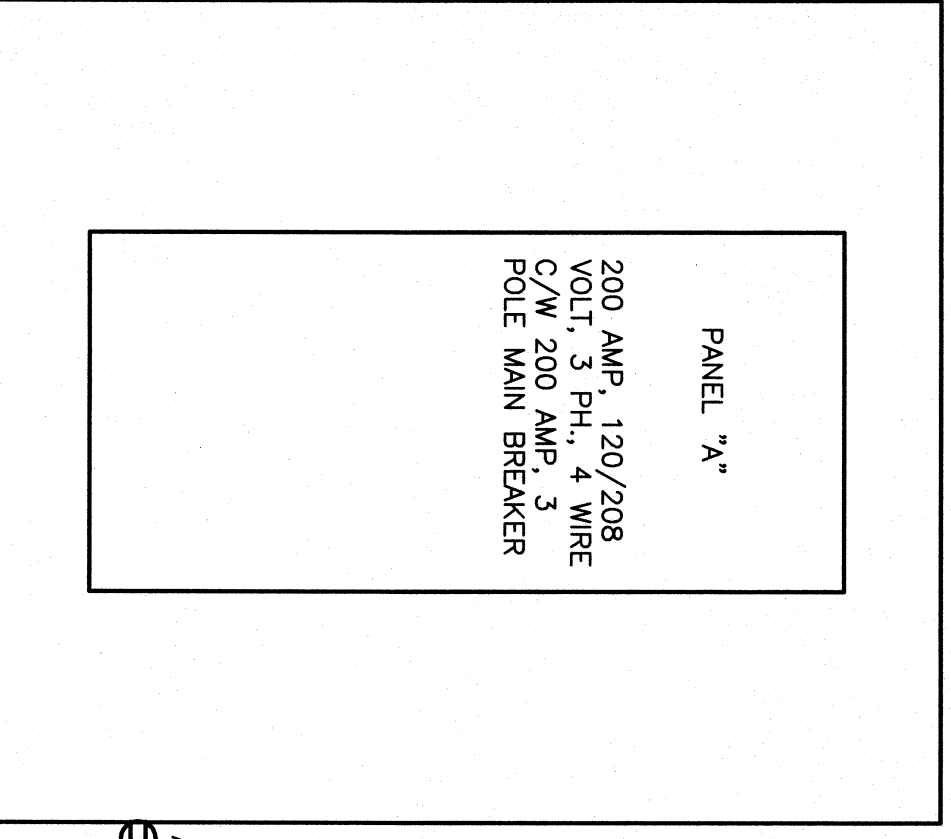
SERVICE POLE AND PANEL ENCLOSURE ELEVATION DETAILS



TRENCH DETAIL A

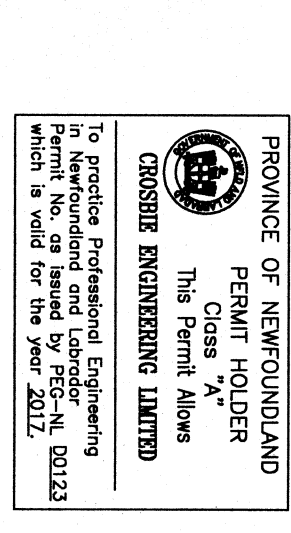
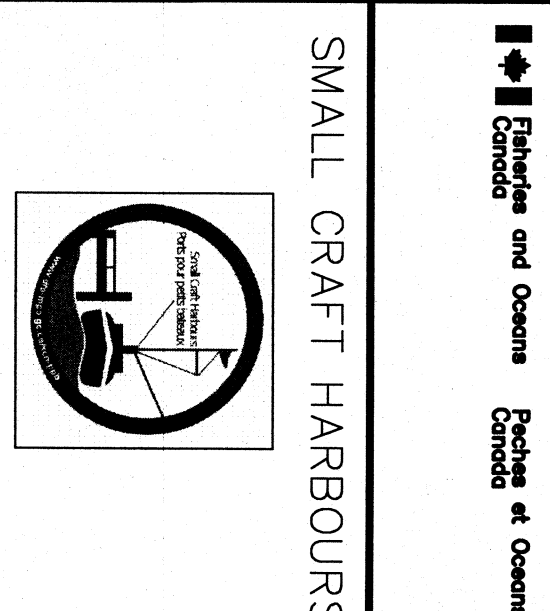
SYMBOL	UNDERGROUND WIRE AND CONDUIT SIZE
①	2 #10 RW90 + 1 #12 TW GROUND IN 27mm RIGID PVC CONDUIT (LIGHT POLE #1)
②	2 #10 RW90 + 6 #6 RW90 + 3 #4 RW90 + 1 #4 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #1)
③	4 #6 RW90 + 6 #6 RW90 + 1 #6 TW GROUND IN 53mm RIGID PVC CONDUIT (ELECTRICAL PEDESTAL #3)
④	2 #10 RW90 + 1 #12 TW GROUND IN 27mm RIGID PVC CONDUIT (LIGHT POLE #2)
⑤	4 #6 RW90 + 6 #4 RW90 + 1 #4 TW GROUND IN 53mm RIGID PVC CONDUIT (ELECTRICAL PEDESTAL #4)
⑥	2 #10 RW90 + 6 #6 RW90 + 3 #4 RW90 + 1 #4 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #2)
⑦	4 #12 RW90 + 1 #12 TW GROUND IN 53mm RIGID PVC CONDUIT (EXISTING BUILDING)

- NOTES:
1. CONDUIT LOCATIONS ARE APPROXIMATE ONLY. ACTUAL CONDUIT LOCATIONS TO BE COORDINATED ON SITE.
 2. STEEL REINFORCEMENT OMITTED FOR CLARITY. SEE CIVIL DRAWINGS FOR DETAILS.



- NOTES
1. ENCLOSURE TO BE CSA APPROVED C/W LIGHT HEAVY INSULATION, THERMOSTAT AND LIGHT SWITCH FACTORY INSTALLED.
 2. COORDINATE SIZE OF ALL EQUIPMENT PRIOR TO FABRICATING ENCLOSURE.
 3. ENCLOSURE TO BE C/W MINIMUM 30% SPARE CAPACITY.
 4. ALL DIMENSIONS GIVEN ARE APPROXIMATE AND SHALL BE CONFIRMED BEFORE ENCLOSURE IS FABRICATED.

PANEL ENCLOSURE DETAIL



WHARF RECONSTRUCTION
TOWN OF CHANNEL
PORT AUX BASQUES

ELECTRICAL
DETAILS

designed	K.NEL	date	DEC. 2016	checked	
drawn	B.COLETT	date	DEC. 2016	approved	
project number	710260	no. of project		revision	
drawing no.	E4 of 4	no. of sheets			