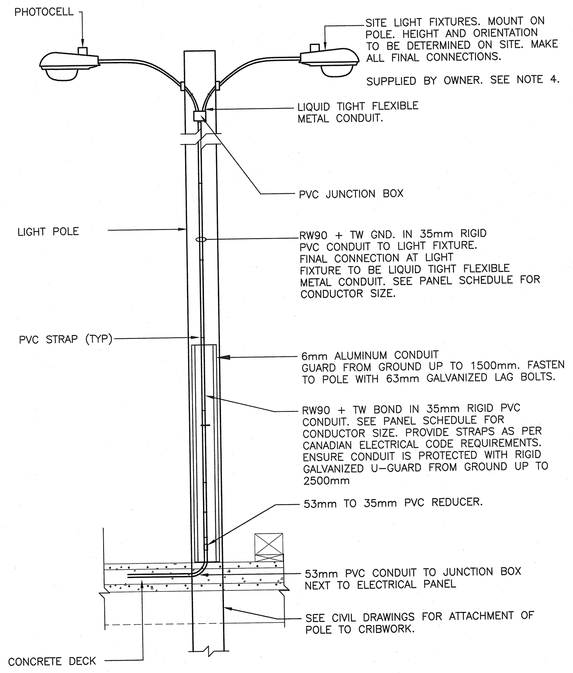
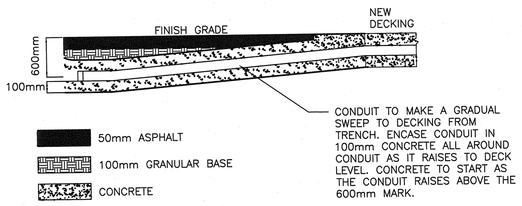
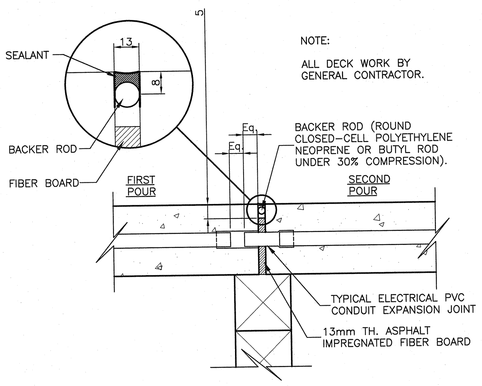


WHARF LIGHT POLE DETAIL (1 E1|E2)
N.T.S



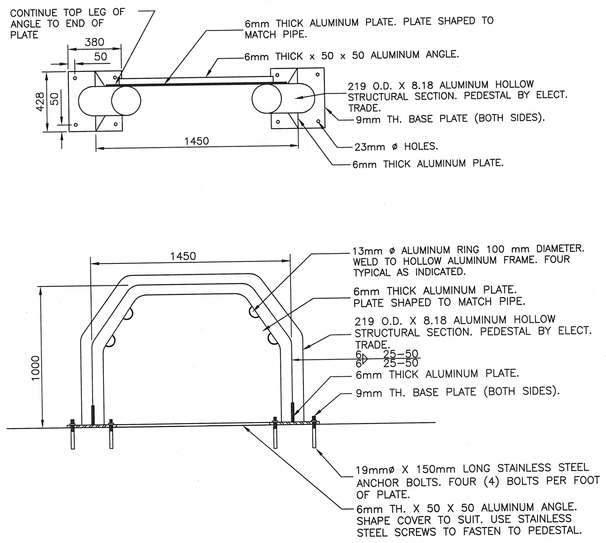
TRANSITION FROM TRENCH TO DECK DETAIL (4 E2)
N.T.S



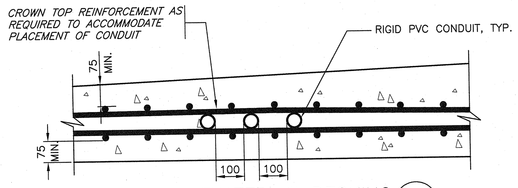
NOTE:

ALL DECK WORK BY GENERAL CONTRACTOR.

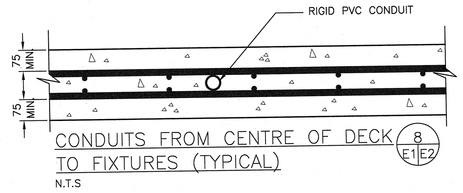
TYPICAL EXPANSION JOINT (5 E2)
N.T.S



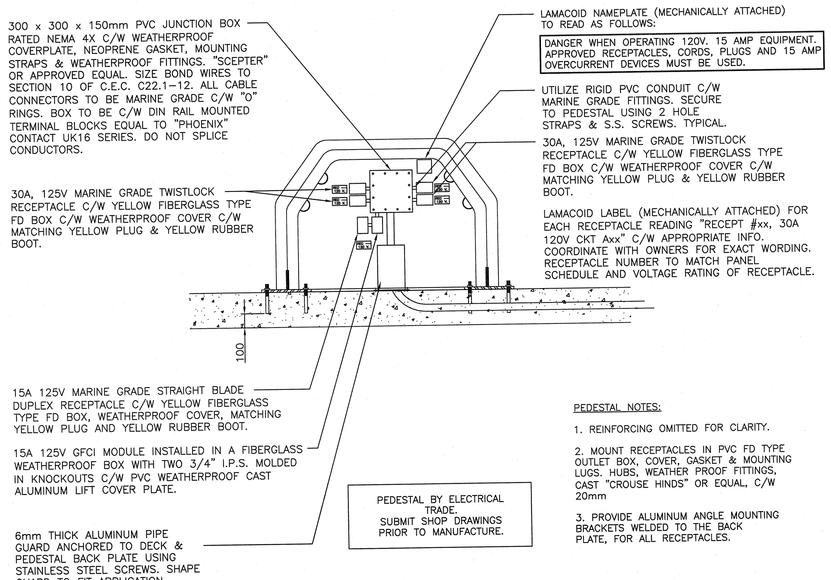
TYPICAL PEDESTAL CONSTRUCTION (2 E2)
N.T.S



CONDUITS SITUATED IN DECKING (TYPICAL) (6 E1|E2)
N.T.S



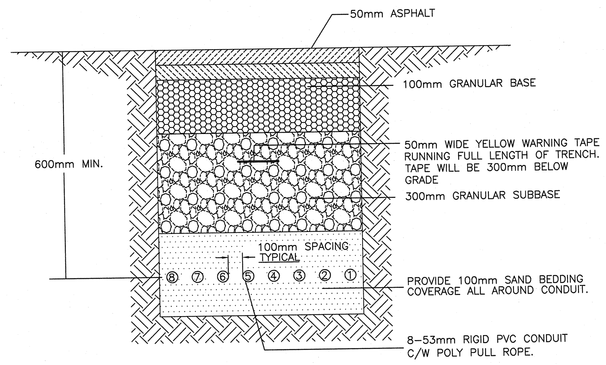
CONDUITS FROM CENTRE OF DECK TO FIXTURES (TYPICAL) (8 E1|E2)
N.T.S



PEDESTAL NOTES:

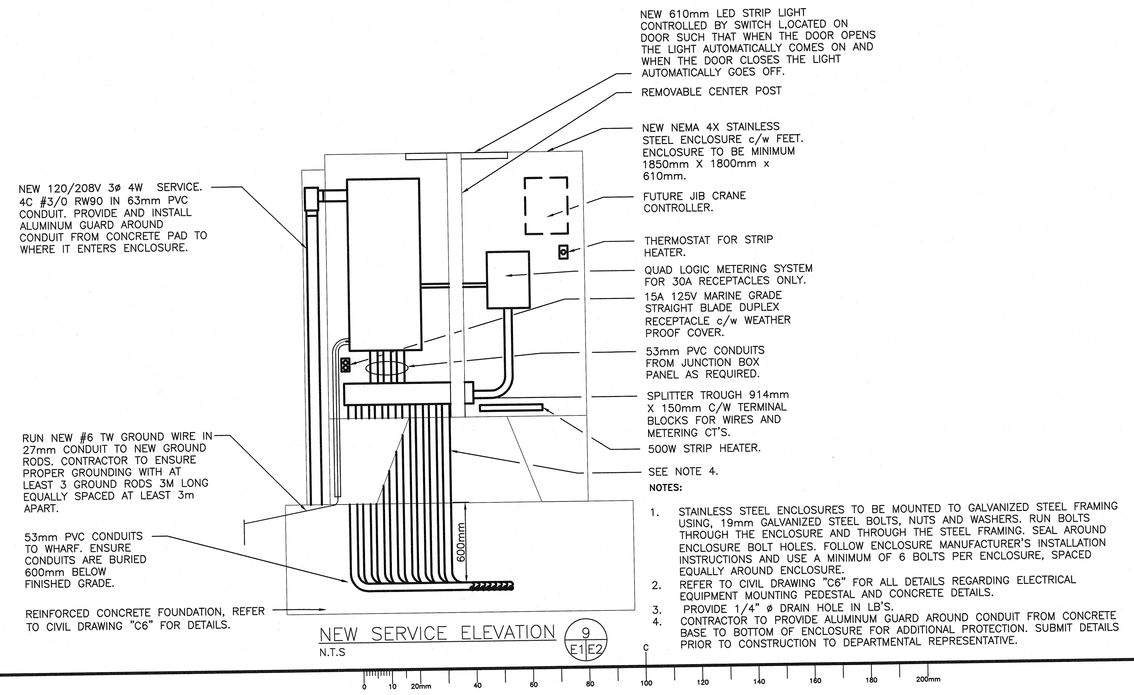
1. REINFORCING OMITTED FOR CLARITY.
2. MOUNT RECEPTACLES IN PVC FD TYPE OUTLET BOX, COVER, GASKET & MOUNTING LUGS. HUBS, WEATHER PROOF FITTINGS, CAST "CROUSE HINDS" OR EQUAL, C/W 20mm
3. PROVIDE ALUMINUM ANGLE MOUNTING BRACKETS WELDED TO THE BACK PLATE, FOR ALL RECEPTACLES.

PEDESTAL CONFIGURATION (3 E1|E2)
N.T.S



TRENCH DETAIL (7 E1|E2)
N.T.S

TRENCH "A" FEEDER SCHEDULE		
EQUIPMENT	CONDUIT	CONDUIT SIZE AND WIRING
LIGHTS 1,2	1	2 #12 RW90 + 1 #12 TW BOND IN 53mm RIGID PVC CONDUIT
PEDESTAL 2	2	6 #6 RW90 + 2 #8 RW90 + 2 #6 RW90 SPARES + 1 #6 TW BOND IN 53mm RIGID PVC CONDUIT
LIGHTS 3,4	3	2 #12 RW90 + 1 #12 TW BOND IN 53mm RIGID PVC CONDUIT
PEDESTAL 4	4	6 #4 RW90 + 2 #6 RW90 + 2 #4 RW90 SPARES + 1 #6 TW BOND IN 53mm RIGID PVC CONDUIT
NAVIGATIONAL LIGHT	5	2 #10 RW90 + 1 #12 TW BOND IN 53mm RIGID PVC CONDUIT
PEDESTAL 3	6	6 #4 RW90 + 2 #6 RW90 + 2 #4 RW90 SPARES + 1 #6 TW BOND IN 53mm RIGID PVC CONDUIT
JIB CRANE	7	POLY PULL ROPE FOR FUTURE INSTALLATION. CAP BOTH CONDUITS AT DECKING AND ENCLOSURE.
PEDESTAL 1	8	6 #8 RW90 + 2 #10 RW90 + 2 #8 RW90 SPARES + 1 #6 TW BOND IN 53mm RIGID PVC CONDUIT



NOTES:

1. STAINLESS STEEL ENCLOSURES TO BE MOUNTED TO GALVANIZED STEEL FRAMING USING, 19mm GALVANIZED STEEL BOLTS, NUTS AND WASHERS. RUN BOLTS THROUGH THE ENCLOSURE AND THROUGH THE STEEL FRAMING. SEAL AROUND ENCLOSURE BOLT HOLES. FOLLOW ENCLOSURE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND USE A MINIMUM OF 6 BOLTS PER ENCLOSURE, SPACED EQUALLY AROUND ENCLOSURE.
2. REFER TO CIVIL DRAWING "C6" FOR ALL DETAILS REGARDING ELECTRICAL EQUIPMENT MOUNTING PEDESTAL AND CONCRETE DETAILS.
3. PROVIDE 1/4" ø DRAIN HOLE IN LB'S.
4. CONTRACTOR TO PROVIDE ALUMINUM GUARD AROUND CONDUIT FROM CONCRETE BASE TO BOTTOM OF ENCLOSURE FOR ADDITIONAL PROTECTION. SUBMIT DETAILS PRIOR TO CONSTRUCTION TO DEPARTMENTAL REPRESENTATIVE.

NEW SERVICE ELEVATION (9 E1|E2)
N.T.S

GENERAL NOTES

1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
3. ALL WORK TO BE COMPLETED AS PER CANADIAN ELECTRICAL CODE C22.1-12.
4. LIGHTING AND MOUNTING ARMS SUPPLIED BY DFO. CONTRACTOR TO PICK UP AT DFO WAREHOUSE, 121 GLENCOE DRIVE, MT. PEARL. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO PICK UP. CONTACT DION UPWARD AT 763-5689.
5. NEW SERVICE ENTRANCE ENCLOSURE TO BE SECURED BY THE FOOTINGS TO THE CONCRETE BASE AS WELL AS TO THE SUPPORT STRUCTURE SHOWN ON CIVIL DRAWINGS. COORDINATE ON SITE WITH ALL OTHER DIVISIONS.

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PROFESSIONAL ENGINEERS AND GEOSCIENTISTS
PERMIT HOLDER
THIS PERMIT ALLOWS
MADERRA ENGINEERING
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG which is valid for the year 2015

STAMP
REGISTERED PROFESSIONAL ENGINEER
PEG Newfoundland and Labrador
JONATHAN E. FLYNN
SIGNATURE
15/03/09
DATE
NEWFOUNDLAND & LABRADOR

B	ISSUED FOR TENDER	15/03/09
A	ISSUED FOR 66% REVIEW	15/01/21
revisions		date

project / projet
WHARF RECONSTRUCTION PORT AU CHOIX, NL

drawing / dessin
ELECTRICAL DETAILS

designed S.MCGUIRE / conçu
date JANUARY 2015
drawn S.MCGUIRE / dessiné
date JANUARY 2015
approved J.FLYNN / approuvé
date JANUARY 2015
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet
R.075163.001

drawing no. / no. du dessin
E2

E-DRM/GDD-E: 513841

PWGSC B1 (2004)