

1 EXISTING ELECTRICAL PEDESTAL CONFIGURATION
E1/E2 N.T.S.

RE-INSTALL EXISTING ELECTRICAL PEDESTALS
LAMACOID NAMEPLATE (MECHANICALLY ATTACHED) TO READ AS FOLLOWS:

DANGER WHEN OPERATING EQUIPMENT. APPROVED RECEPTACLES, CORDS, PLUGS AND OVERCURRENT DEVICES MUST BE USED AS PER RECEPTACLE SIZE.

30A, 125V MARINE GRADE TWISTLOCK RECEPTACLE C/W YELLOW FIBERGLASS TYPE FD BOX C/W WEATHERPROOF COVER C/W MATCHING YELLOW PLUG & YELLOW RUBBER BOOT.

13mm ϕ ALUMINUM RING 100 mm DIAMETER. WELD TO EXISTING HOLLOW ALUMINUM FRAME. FOUR (4) TYPICAL AS INDICATED.

19mm ϕ X 150mm LONG STAINLESS STEEL ANCHOR BOLTS. FOUR (4) BOLTS PER FOOT OF PLATE.

6mm TH. X 50 X 50 ALUMINUM ANGLE.

CONTRACTOR TO PROVIDE AND INSTALL NEW 6mm THICK ALUMINUM PIPE GUARD ANCHORED TO DECK & PEDESTAL BACK PLATE USING STAINLESS STEEL SCREWS. SHAPE GUARD TO FIT APPLICATION.

300 x 300 x 150mm PVC JUNCTION BOX RATED NEMA 4X C/W WEATHERPROOF COVERPLATE, NEOPRENE GASKET, MOUNTING STRAPS & WEATHERPROOF FITTINGS. "SCEPTER" OR APPROVED EQUAL. SIZE BOND WIRES TO SECTION 10 OF C.E.C. C22.1-15. ALL CABLE CONNECTORS TO BE MARINE GRADE C/W "O" RINGS. BOX TO BE C/W DIN RAIL MOUNTED TERMINAL BLOCKS EQUAL TO "PHOENIX" CONTACT UK15 SERIES. DO NOT SPLICE CONDUCTORS.

30A, 125V MARINE GRADE TWISTLOCK RECEPTACLE C/W YELLOW FIBERGLASS TYPE FD BOX C/W WEATHERPROOF COVER C/W MATCHING YELLOW PLUG & YELLOW RUBBER BOOT.

LAMACOID NAMEPLATE (MECHANICALLY ATTACHED) FOR EACH RECEPTACLE READING "CCT#--", "REC#--", "--A, 120V" C/W APPROPRIATE INFO. COORDINATE WITH OWNERS FOR EXACT WORDING. RECEPTACLE NUMBER TO MATCH PANEL SCHEDULE AND VOLTAGE RATING OF RECEPTACLE.

15A 125V MARINE GRADE STRAIGHT BLADE DUPLEX RECEPTACLE C/W YELLOW FIBERGLASS TYPE FD BOX, WEATHERPROOF COVER, MATCHING YELLOW PLUG AND YELLOW RUBBER BOOT.

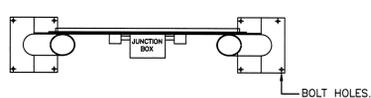
15A 125V GFCI MODULE INSTALLED IN A FIBERGLASS WEATHERPROOF BOX WITH TWO 3/4" I.P.S. MOLDED IN KNOCKOUTS C/W PVC WEATHERPROOF CAST ALUMINUM LIFT COVER PLATE.

53mm RIGID PVC CONDUIT ATTACHED BY FIBERGLASS 90° ELBOW (EQUAL TO CHAMPION XW) WITH STANDARD PVC COUPLING BONDED TO BOTH ENDS. RUN IN CONCRETE WHARF DECK FROM EXISTING PANEL TO PEDESTALS. FOR ALL PEDESTALS RUN RW90 CONDUCTORS AND #12 BOND. ONE BOND WIRE IS FOR ALL RECEPTACLES.

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.
4. DRILL 9mm DRAINAGE HOLE IN BACK CORNERS OF JUNCTION BOX TO ALLOW FOR DRAINAGE OF WATER.

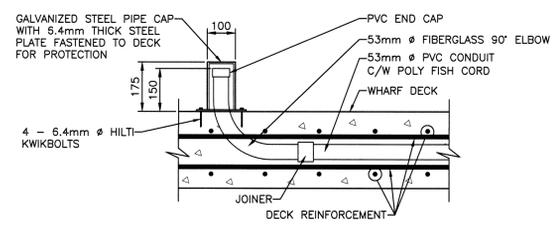
2 NEW ELECTRICAL PEDESTAL CONFIGURATION
E1/E2 N.T.S.



SECTION NOTES:

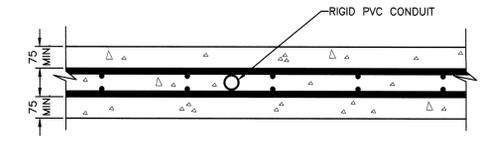
1. CONTRACTOR TO COORDINATE EXACT REQUIREMENTS FOR EXISTING BOLT PATTERNS ON EXISTING PEDESTALS

3 SECTION "A-A"
E1/E2 N.T.S.

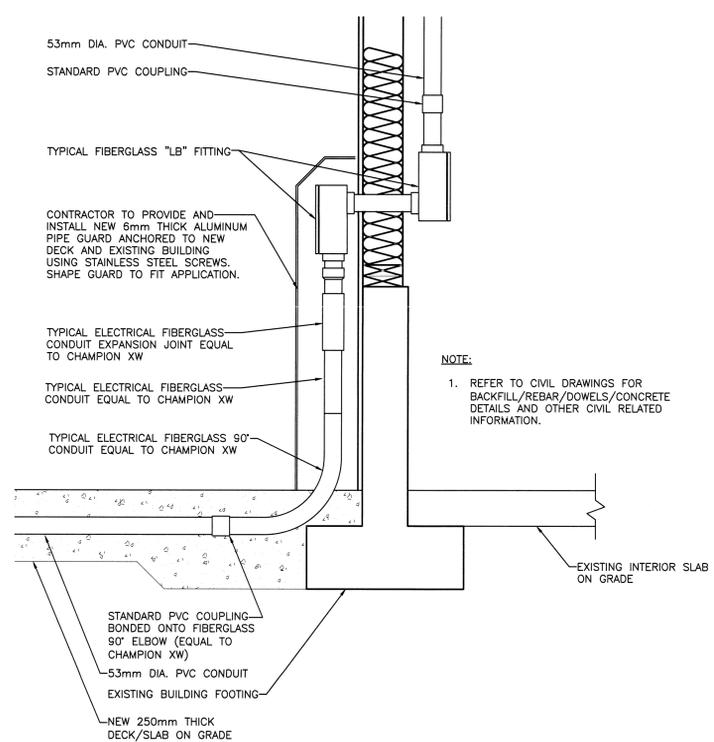


NOTE:
THIS DETAIL IS FOR ALL PEDESTALS, UNTIL EACH PIECE OF EQUIPMENT IS INSTALLED ON SITE TO PREVENT DAMAGE TO CONDUITS AND TO PREVENT ANY WATER OR DIRT TO ENTER THE CONDUIT. THE EXACT LOCATION OF THE ELBOW IN RELATION TO ELECTRICAL FIXTURE IS TO BE DETERMINED IN THE FIELD.

4 PEDESTAL CONDUIT CAP UNTIL EQUIPMENT INSTALLED.
E2/E2 N.T.S.



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



5 CONDUIT TRANSITION FROM EXISTING BUILDING TO NEW WHARF SLAB
E1/E2 N.T.S.

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS SPECIFIED OTHERWISE.
2. ALL ELEVATIONS IN METRES.
3. DO NOT SCALE FROM DRAWINGS. USE DIMENSIONS AS SHOWN.
4. THE CONTRACTOR SHALL DETERMINE WHAT SAFETY MEASURES NEED TO BE TAKEN DURING DEMOLITION/CONSTRUCTION ACTIVITIES.
5. ENSURE ALL ITEMS WHICH ARE DESIGNATED FOR REMOVAL ARE FULLY EXTRACTED IN THEIR ENTIRETY.
6. RELIABLE AS-BUILT INFORMATION IS LIMITED. EXISTING WHARF PLANS AND SECTIONS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO BASE COSTS FOR DEMOLITION AND ASSOCIATED RISKS ACCORDINGLY.
7. PRIOR TO DEMOLITION OF STRUCTURES, DEACTIVATE POWER TO THE AFFECTED FIXTURES AND DURING DEMOLITION TERMINATE CABLING IN ACCORDANCE WITH ELECTRICAL DRAWINGS.
8. ALL WORK TO BE COMPLETED AS PER CANADIAN ELECTRICAL CODE C22.1-15.



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PERMIT HOLDER
THIS PERMIT ALLOWS
MADERRA ENGINEERING
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG 10353, which is valid for the year 2015.

O	ISSUED FOR TENDER	15/12/17
C	ISSUED FOR 99% REVIEW	15/12/09
B	ISSUED FOR 65% REVIEW	15/11/18
A	ISSUED FOR 33% REVIEW	15/10/09
revisions		date
project		project

MARGINAL WHARF
REFURBISHMENT
HAPPY ADVENTURE, NL

designed R.FROUDE
date SEPTEMBER, 2015
drawn E.DIETZ
date SEPTEMBER, 2015
approved
Tender Paul
DFD Project Manager
project number 712617
drawing no. E2