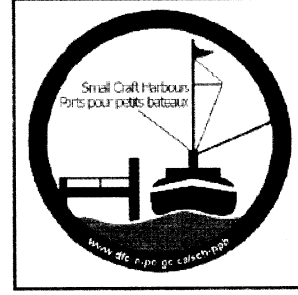


SMALL CRAFT HARBOURS



NOTES

- CONTRACTOR IS RESPONSIBLE TO ENSURE ALL WORK ADHERES TO SAFETY REGULATIONS, BUILDING CODES & CONSTRUCTION BEST PRACTICES; MUNICIPAL REGULATIONS, AND MATERIAL MANUFACTURER INSTALLATION SPECIFICATIONS.
- DO NOT SCALE DRAWINGS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE PROCEEDING WITH THIS WORK.
- ALL ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE MILLIMETERS 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 2016.

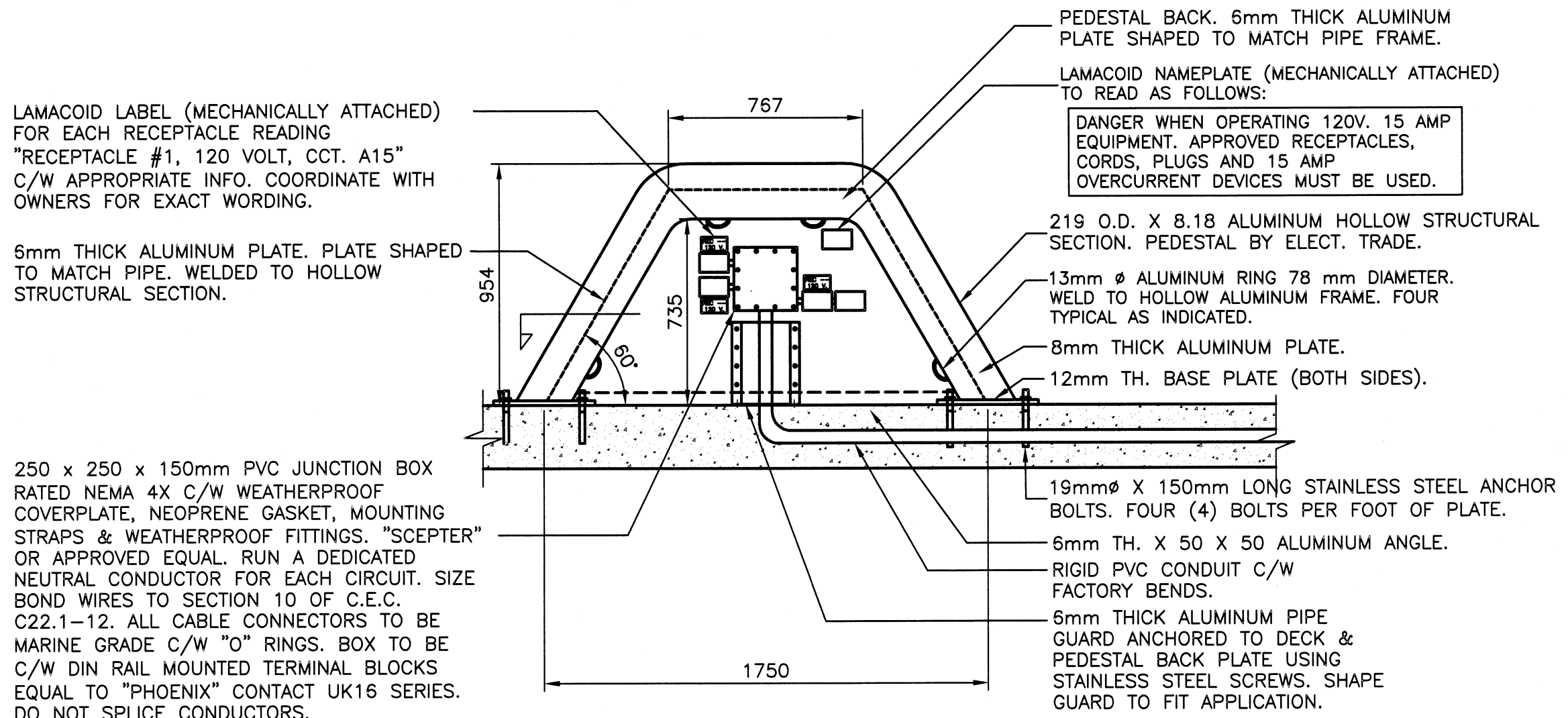
2	ISSUED FOR TENDER	14/03/16
1	RE-ISSUED FOR 100% REVIEW	17/02/16
0	ISSUED FOR 100%	04/01/15
B	ISSUED FOR 99% REVIEW	10/11/15
A	ISSUED FOR REVIEW	04/11/15
revisions		date
project		projct

WHARF RECONSTRUCTION  
CHANGE ISLANDS, NL

drawing dessin

ELECTRICAL DETAILS

designed K.N. concu  
date OCTOBER 2015  
drawn D.R. dessine  
date OCTOBER 2015  
approved approuve  
Tender Paul Curran Soumission  
DFO Project Manager  
project number 710689 no. du projet  
drawing no. E3 no. du dessin



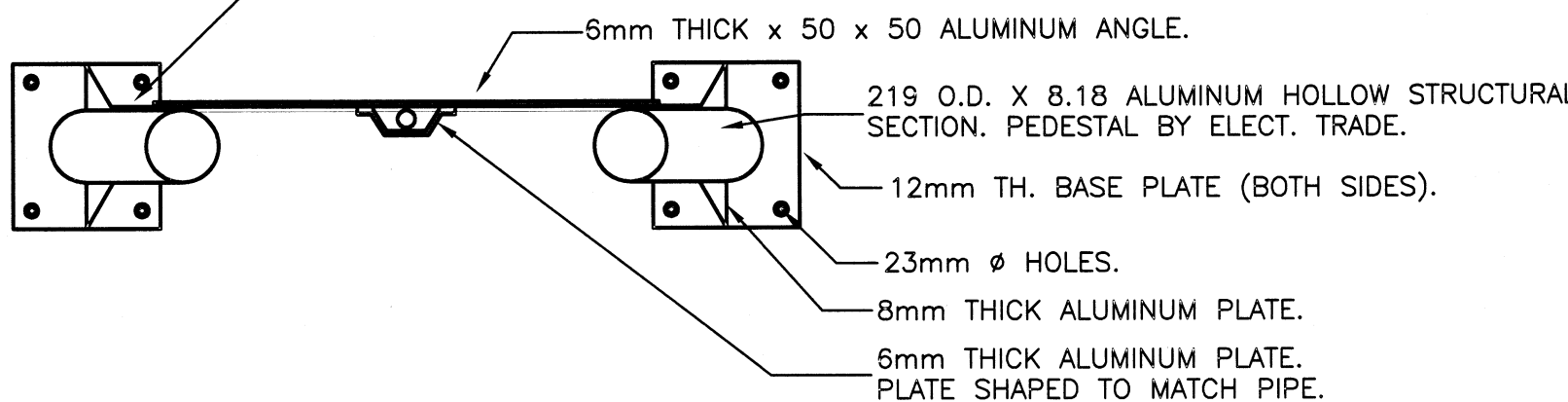
ELEVATION  
SCALE : 1:20

NOTE:

- REINFORCING OMITTED FOR CLARITY.
- MOUNT RECEPTABLES IN PVC FD TYPE OUTLET BOX, COVER, GASKET & MOUNTING LUGS. HUBS, WEATHER PROOF FITTINGS, CAST "CROUSE HINDS" OR EQUAL, C/W 20mm
- PROVIDE ALUMINUM ANGLE MOUNTING BRACKETS WELDED TO THE BACK PLATE, FOR ALL RECEPTABLES.
- UTILIZE RIGID PVC CONDUIT C/W MARINE GRADE FITTINGS. SECURE TO PEDESTAL USING 2 HOLE STRPS & S.S. SCREWS. TYPICAL.

PEDESTAL BY ELECTRICAL  
TRADE.  
SUBMIT SHOP DRAWINGS  
PRIOR TO MANUFACTURE.

CONTINUE TOP LEG OF ANGLE  
TO END OF PLATE



TYPICAL ELECTRICAL PEDESTAL DETAIL  
SCALE : 1:20

15 AMP, 120 VOLT 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.

30 AMP, 120/240 VOLT 1Ø-4 WIRE TWIST  
LOCK MARINE GRADE SINGLE RECEPTACLE  
C/W YELLOW FIBERGLASS TYPE FD BOX,  
WEATHERPROOF COVER, MATCHING YELLOW  
PLUG & YELLOW RUBBER BOOT.

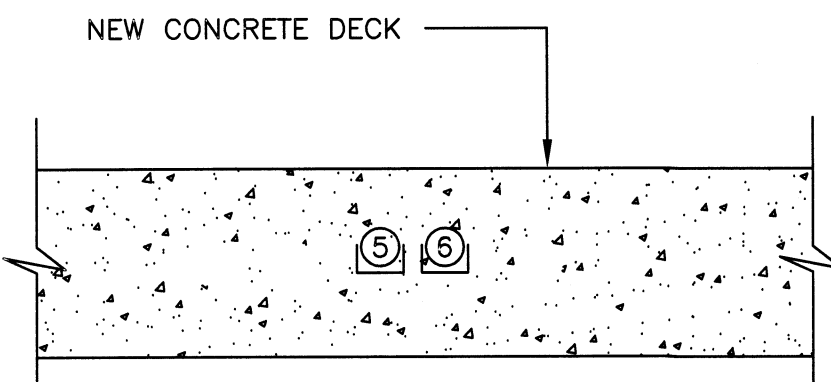
15 AMP, 120 VOLT MARINE GRADE STRAIGHT  
BLADE DUPLEX RECEPTACLE C/W YELLOW  
FIBERGLASS TYPE FD BOX, WEATHERPROOF  
COVER, MATCHING YELLOW PLUG & YELLOW  
RUBBER BOOT. (2 SUCH)

15 AMP, 120 VOLT 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.

ELECTRICAL PEDESTAL #1, #2  
SCALE : 1:20

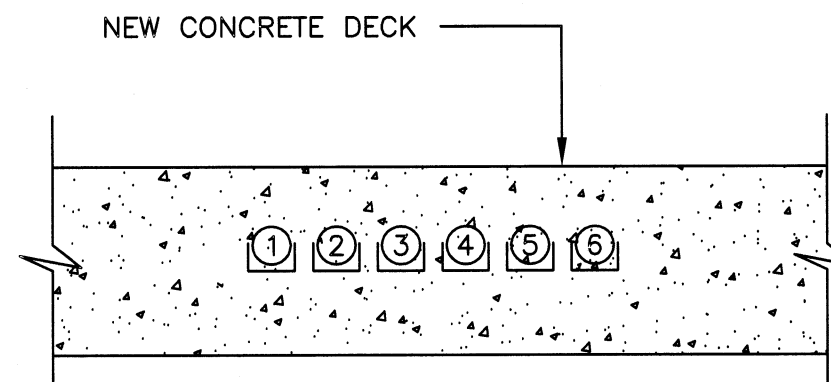
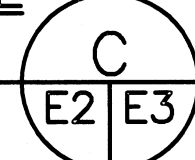
NOTE:

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



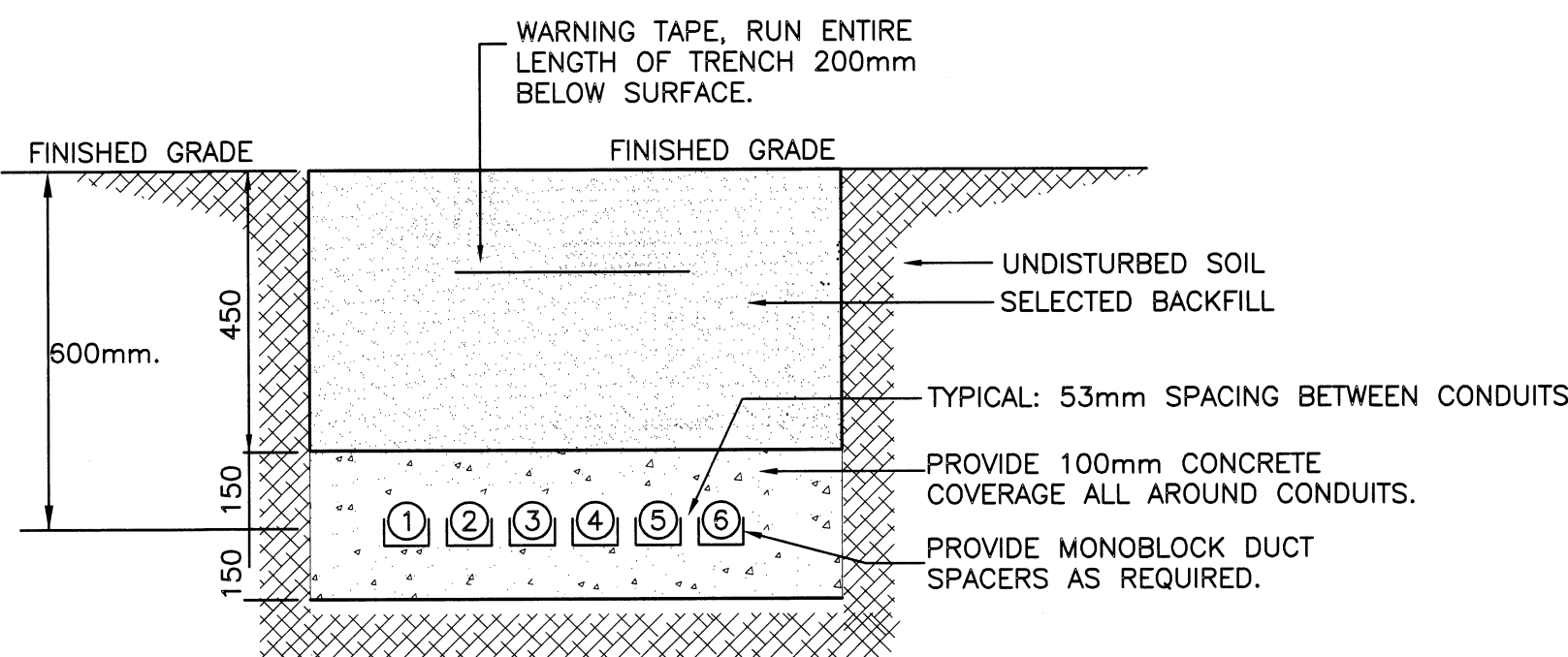
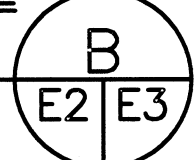
ELECTRICAL TRENCH DETAIL  
(CONCRETE DECK)

N.T.S.



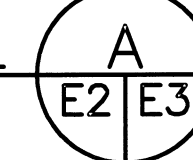
ELECTRICAL TRENCH DETAIL  
(CONCRETE DECK)

N.T.S.



ELECTRICAL TRENCH DETAIL (A)

N.T.S.



SYMBOL	UNDERGROUND WIRE AND CONDUIT SIZE
①	2 #12 RWUSO + 1 #12 TW GROUND IN 27mm. RIGID PVC CONDUIT. (LIGHT POLE #3)
②	2 #12 RWUSO + 1 #12 TW GROUND IN 27mm. RIGID PVC CONDUIT. (LIGHT POLE #2)
③	12 #8 RWUSO + 1 #8 TW GROUND IN 53mm. RIGID PVC CONDUIT. (PEDESTAL #2)
④	10 #12 RWUSO + 4 #10 RWUSO + 1 #10 TW GROUND IN 53mm. RIGID PVC CONDUIT. (JIB CRANE #1)
⑤	4 #8 RWUSO + 8 #6 RWUSO + 1 #6 TW GROUND IN 53mm. RIGID PVC CONDUIT. (PEDESTAL #1)
⑥	2 #10 RWUSO + 1 #12 TW GROUND IN 27mm. RIGID PVC CONDUIT. (LIGHT POLE #1)