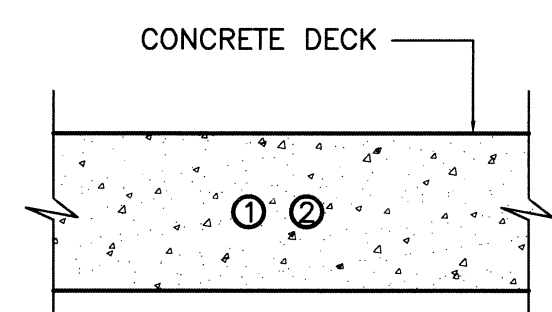
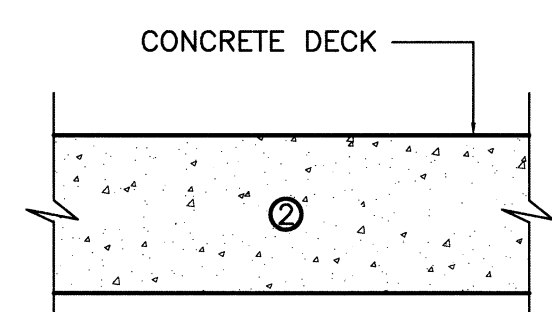


TRENCH DETAIL A E3 N.T.S.



TRENCH DETAIL B E3 N.T.S.

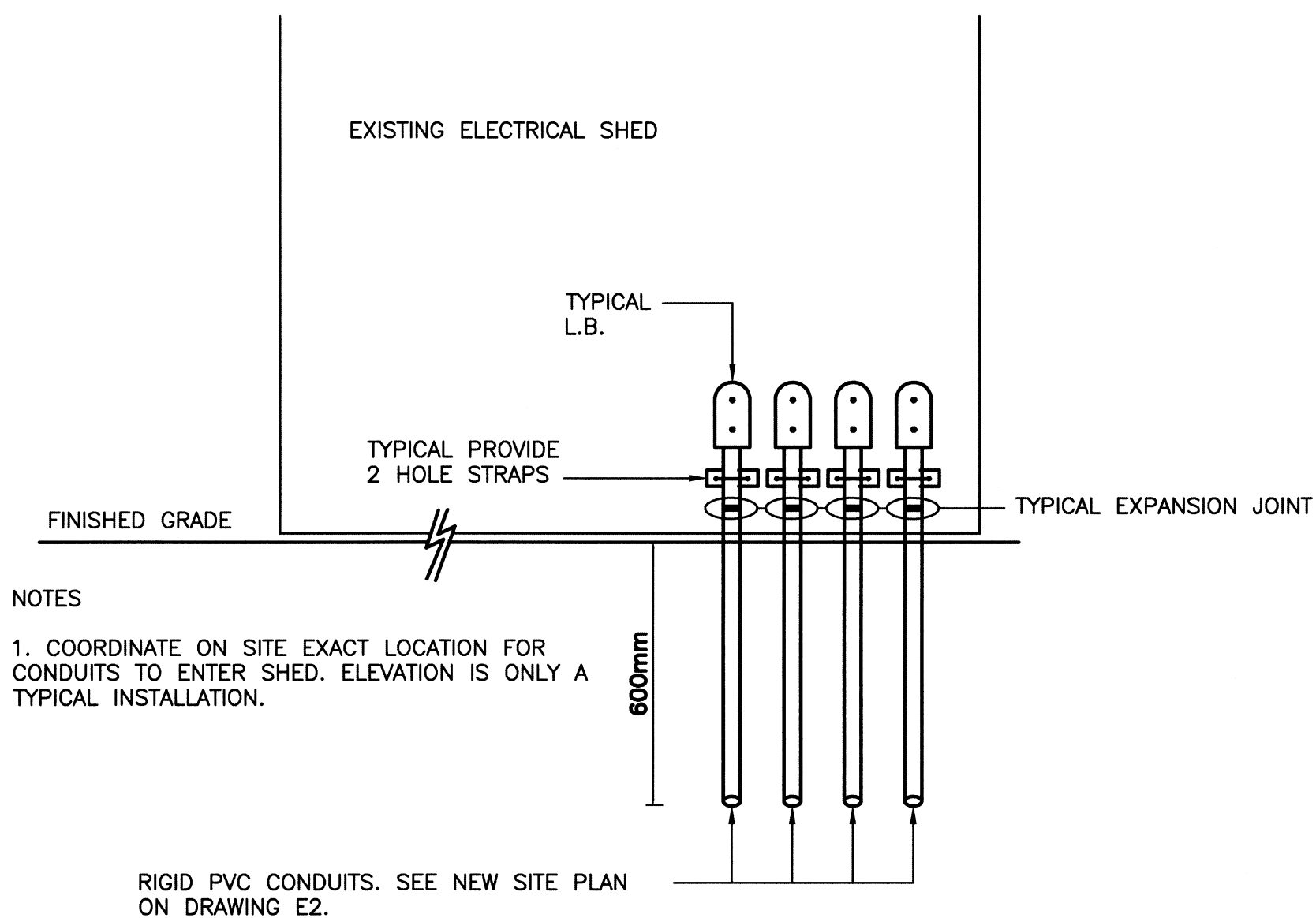


TRENCH DETAIL C E3 N.T.S.

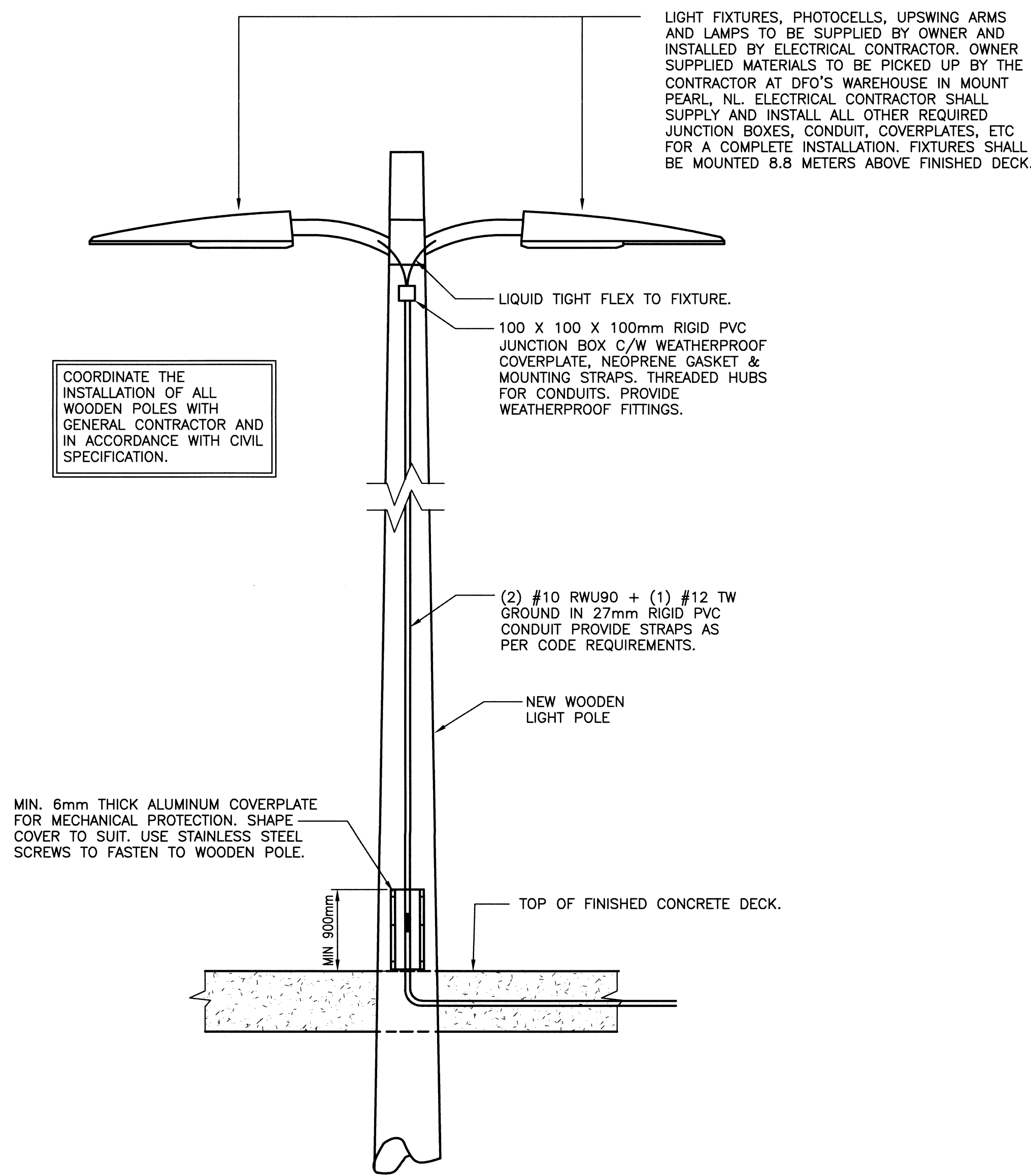
- TRENCHING NOTES:**
1. ALL TRENCHES SHALL BE BACKFILLED WITH SELECTED BACKFILL AND TAMPED IN 300mm LAYERS. EXCEPT AT ROAD CROSSINGS WHERE THE BACKFILL SHALL BE THE SAME MATERIAL AS THE ROAD BED AND TAMPED IN 150mm LAYERS. EXCESS FILL SHALL BE PLACED ON TOP TO ALLOW FOR SETTLING.
 2. THE DUCTS SHALL BE SUPPORTED BY APPROVED SPACERS. NO WIRE OR METAL TIES 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 CAPPED AT BOTH ENDS.
 7. ALL FITTINGS, COUPLINGS AND ADAPTERS ARE TO BE SOLVENT WELD.

SYMBOL	UNDERGROUND WIRE AND CONDUIT SIZE
①	11 #8 RWU90 + 1 #8 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #1)
②	2 #10 RWU90 + 1 #12 TW GROUND IN 27mm RIGID PVC CONDUIT (LIGHT POLE #1)

- 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.

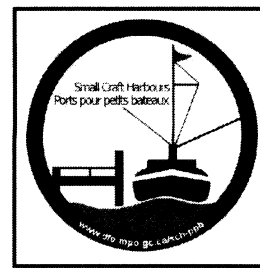


EXTERIOR CONDUIT LB ELEVATION DETAIL N.T.S.



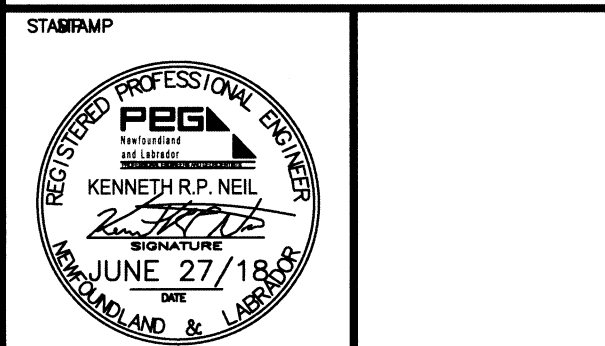
LIGHT POLE DETAIL N.T.S.

SMALL CRAFT HARBOURS



- NOTES:**
1. DO NOT SCALE FROM THIS DRAWING.
 2. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE PROCEEDING WITH THIS WORK.
 3. ALL WORK TO BE IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF: THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION; CANADIAN ELECTRICAL CODE, CURRENT EDITION; ANY OTHER AUTHORITIES HAVING JURISDICTION.

PERMIT
PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
Class "A"
This Permit Allows
CROSSBIE ENGINEERING LIMITED
To practice Professional Engineering in Newfoundland and Labrador
Permit No. as issued by PEG-NL D0123
which is valid for the year 2018.



0	ISSUED FOR TENDER	27/06/18
A	ISSUED FOR REVIEW	08/03/18
revisions		date

project
WHARF RECONSTRUCTION
MUSGRAVE HARBOUR, NL
drawing
desin

ELECTRICAL DETAILS

designed K.N. concu
date JUNE 2018
drawn M.N. desine
date JUNE 2018
approved approve
Tender DFO Project Manager Submission
project number 711872/721941 no. du projet
drawing no. E4 no. du dessin