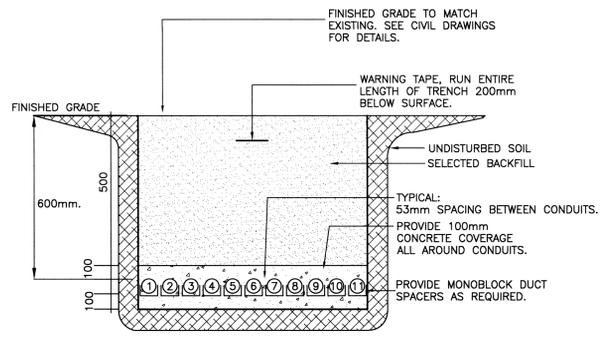


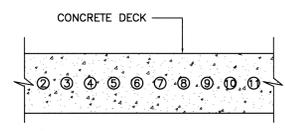
SYMBOL	UNDERGROUND WIRE AND CONDUIT SIZE
①	2 #12 RW90 + 4 #10 RW90 + 3 #12 TW GROUND IN 27mm RIGID PVC CONDUIT (LIGHT POLE #4)
②	4 #6 RW90 + 8 #4 RW90 + 1 #4 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #14)
③	4 #8 RW90 + 4 #4 RW90 + 1 #4 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #15)
④	4 #8 RW90 + 4 #6 RW90 + 1 #6 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #9)
⑤	4 #8 RW90 + 4 #6 RW90 + 1 #6 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #10)
⑥	4 #6 RW90 + 4 #4 RW90 + 1 #4 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #11)
⑦	4 #6 RW90 + 8 #3 RW90 + 1 #3 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #12)
⑧	4 #4 RW90 + 4 #1 RW90 + 1 #1 TW GROUND IN 53mm RIGID PVC CONDUIT (PEDESTAL #13)
⑨	2 #10 RW90 + 4 #6 RW90 + 1 #12 TW GROUND + 2 #8 TW GROUND IN 35mm RIGID PVC CONDUIT (LIGHT POLE #1)
⑩	2 #10 RW90 + 4 #8 RW90 + 1 #12 TW GROUND + 2 #10 TW GROUND IN 27mm RIGID PVC CONDUIT (LIGHT POLE #2)
⑪	2 #12 RW90 + 4 #10 RW90 + 3 #12 TW GROUND IN 27mm RIGID PVC CONDUIT (LIGHT POLE #3)

- 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.



TRENCH DETAIL A
N.T.S. E3

- 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.



TRENCH DETAIL B
N.T.S. E3

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.

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
Class "A"
This Permit Allows
CROSSBIE ENGINEERING LIMITED
To practice Professional Engineering in Newfoundland and Labrador
Permit No. 98 issued by PEG-16, 00123
which is valid for the year 2018.

STAMP
REGISTERED PROFESSIONAL ENGINEER
KENNETH R.P. NEE
JULY 12, 1988
NEWFOUNDLAND & LABRADOR

0	ISSUED FOR TENDER	12/07/18
A	ISSUED FOR REVIEW	16/03/18
Revisions	date	date

project project
MARGINAL WHARF RECONSTRUCTION
FOXTRAP, NL

drawing design
WHARF PLAN AND TRENCH DETAILS

designed	K.N.	conco
date	MAY 2018	
drawn	M.N.	design
date	MAY 2018	
approved		approve
Tender	<i>[Signature]</i>	Submission
D/D Project Manager		
project number	721924	no. du projet
drawing no.	E3	no. du dessin