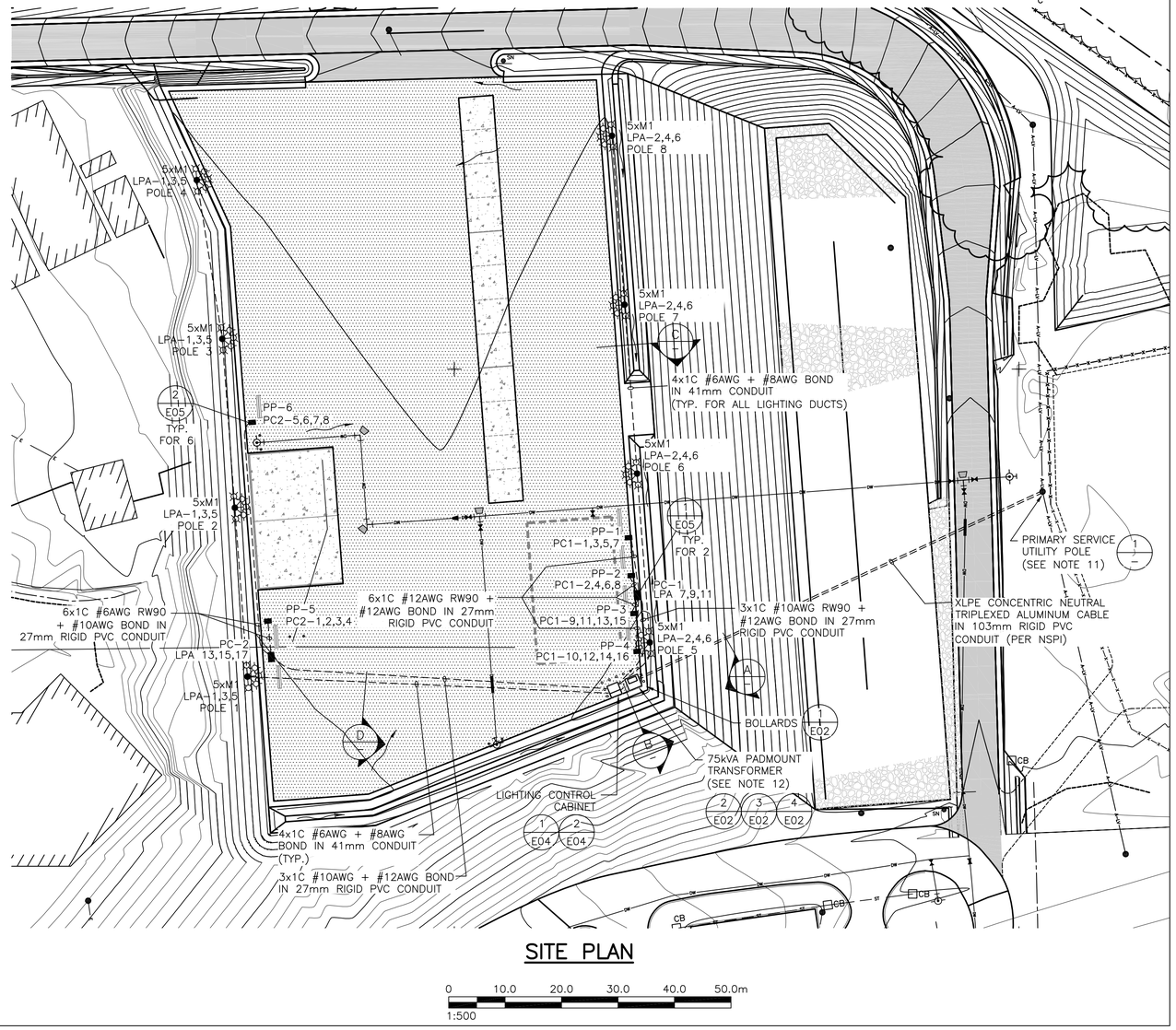


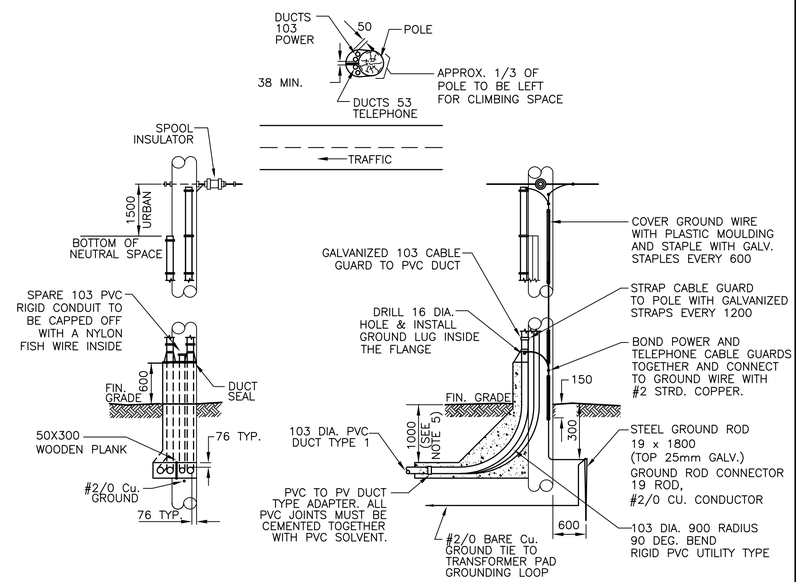
SITE PLAN

0 10.0 20.0 30.0 40.0 50.0m

1:500

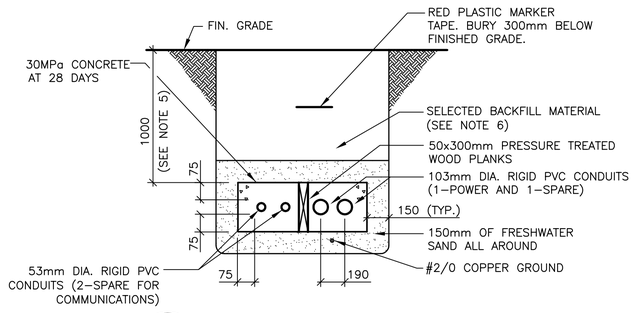
NOTES:

1. CONTRACTOR SHALL GIVE ALL NOTICES, OBTAIN ALL PERMITS AND ARRANGE FOR ALL INSPECTIONS AS REQUIRED TO COMPLETE THE ELECTRICAL INSTALLATION.
2. CONTRACTOR TO PROVIDE A MINIMUM OF 24 HRS WRITTEN NOTICE TO UTILITY CONSTRUCTION INSPECTOR PRIOR TO SCHEDULED BACKFILLING OF WORKS. BACKFILLING IS NOT PERMITTED UNTIL APPROVED BY UTILITY.
3. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE NOTED.
4. PLANKS SHALL EXTEND A MINIMUM OF 50mm ON EITHER SIDE OF CONDUITS.
5. DECREASE BURIAL DEPTH TO 750mm IN NON-VEHICULAR AREAS.
6. REFER TO SPECIFICATIONS FOR EXCAVATION AND BACKFILLING REQUIREMENTS.
7. IF SITE CONDITIONS PROHIBIT TRENCH DEPTH AS PER THIS DRAWING, CONSULT ENGINEER.
8. MAINTAIN MINIMUM 1m LATERAL SEPARATION FROM ALL OTHER PIPING AND MAINTAIN 300mm SEPARATION BETWEEN POWER AND COMMUNICATION.
9. TRENCH SHALL BE A MINIMUM 1520mm FROM MANHOLES, CATCHBASINS, WATER VALVES, SHUTOFFS AND HYDRANTS.
10. SEE CIVIL DRAWINGS FOR ALL OTHER UNDERGROUND SERVICES. NOT ALL SERVICES ARE INDICATED ON THIS DRAWING FOR CLARITY.
11. OVERHEAD LINE SHALL BE RELOCATED BY NSPI AS PART OF SEPARATE PROJECT. CONTRACTOR TO VERIFY EXACT POLE LOCATION WITH NSPI.
12. CONTRACTOR TO VERIFY PADMOUNT TRANSFORMER SIZE WITH NSPI.



1 DETAIL—PRIMARY SERVICE UTILITY POLE

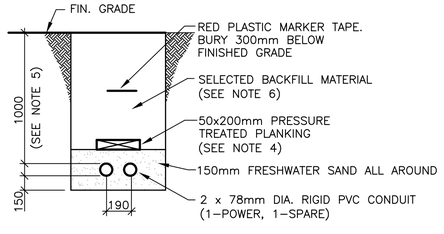
N.T.S.



A SECTION—PRIMARY SERVICE DUCTBANK

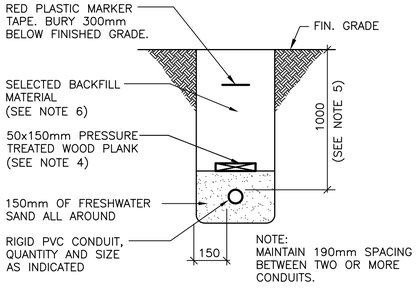
N.T.S.

NOTE: STUB UP AND CAP BOTH SPARE COMMUNICATION CONDUITS NEXT TO LIGHTING CABINET CONCRETE BASE. INSTALL FISH CORD IN EMPTY CONDUITS.



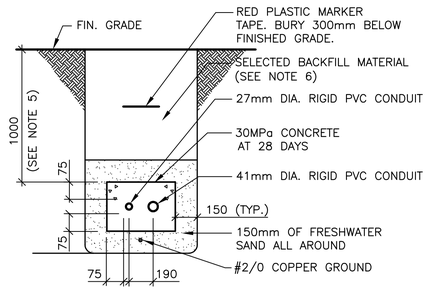
B SECTION—SECONDARY SERVICE DUCTBANK

N.T.S.



C SECTION— SERVICE TRENCH (TYPICAL)

N.T.S.



D SECTION—PRIMARY SERVICE DUCTBANK

N.T.S.

NOTE: TYPICAL FOR THE DISTANCE BETWEEN LIGHTING CABINET AND LIGHTING POLE 1 / POWER CENTER PC-2.

LEGEND:

- LPA 1,3,5 — LIGHTING POLE c/w FLOODLIGHTS "LPA-1,3,5" INDICATES PANEL AND CIRCUIT DESIGNATION
- UNDERGROUND DUCTS
- PC-1 LPA 7,9,11 — MINI POWER CENTER "LPA-7,9,11" INDICATES PANEL AND CIRCUIT DESIGNATION
- PP-1 PC1-1,3,5,7 — POWER PEDESTAL "PC1-1,3,5,7" INDICATES PANEL AND CIRCUIT DESIGNATION

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

CBCL LIMITED
Consulting Engineers
ISO 9001 CERTIFIED

REGISTERED PROFESSIONAL ENGINEER — PROVINCE OF NOVA SCOTIA — Sep 6/13 DATE — I. RADNEV 7665

revisions		date
0	ISSUED FOR TENDER	SEP. 06 2013

project / projet

BUOY MAINTENANCE AREA

drawing / dessin

ELECTRICAL SITE PLAN AND DETAILS

designed I. RADNEV (conçu)
date JAN. 2013
drawn F. MULLINS (dessiné)
date JAN. 2013
approved (approuvé)
date
Tender (Soumission)
P. WHITE
PWGSC Project Manager — Administrateur de projets TPSGC

project number / no. du projet: R.059440.001

drawing no. / no. du dessin: E01

DRAWING NAME: L:\121032.00 - BUOY MAINTENANCE AREA\BUOY\ELECTRICAL\121032-E01.DWG LAYOUT NAME: E01 PLOT DATE:March 27, 2013-11:36 AM CAD OPERATOR: MURRAYC

PWGSC A1 (2004)

0 10 20mm 40 60 80 100 120 140 160 180 200mm

E-DRM/GDD-E: 434828