

**ELECTRICAL LEGEND**

- WIRING CONCEALED
- - - WIRING UNDERGROUND
- - - WIRING ON SURFACE
- ✕ CONNECT TO EXISTING CONDUIT/CIRCUIT
- ⊙ ELECTRICAL PANEL, SURFACE MOUNTED:  
LETTER - INDICATES PANEL DESIGNATION

**GENERAL NOTE**

NSP PLAN ID #12144

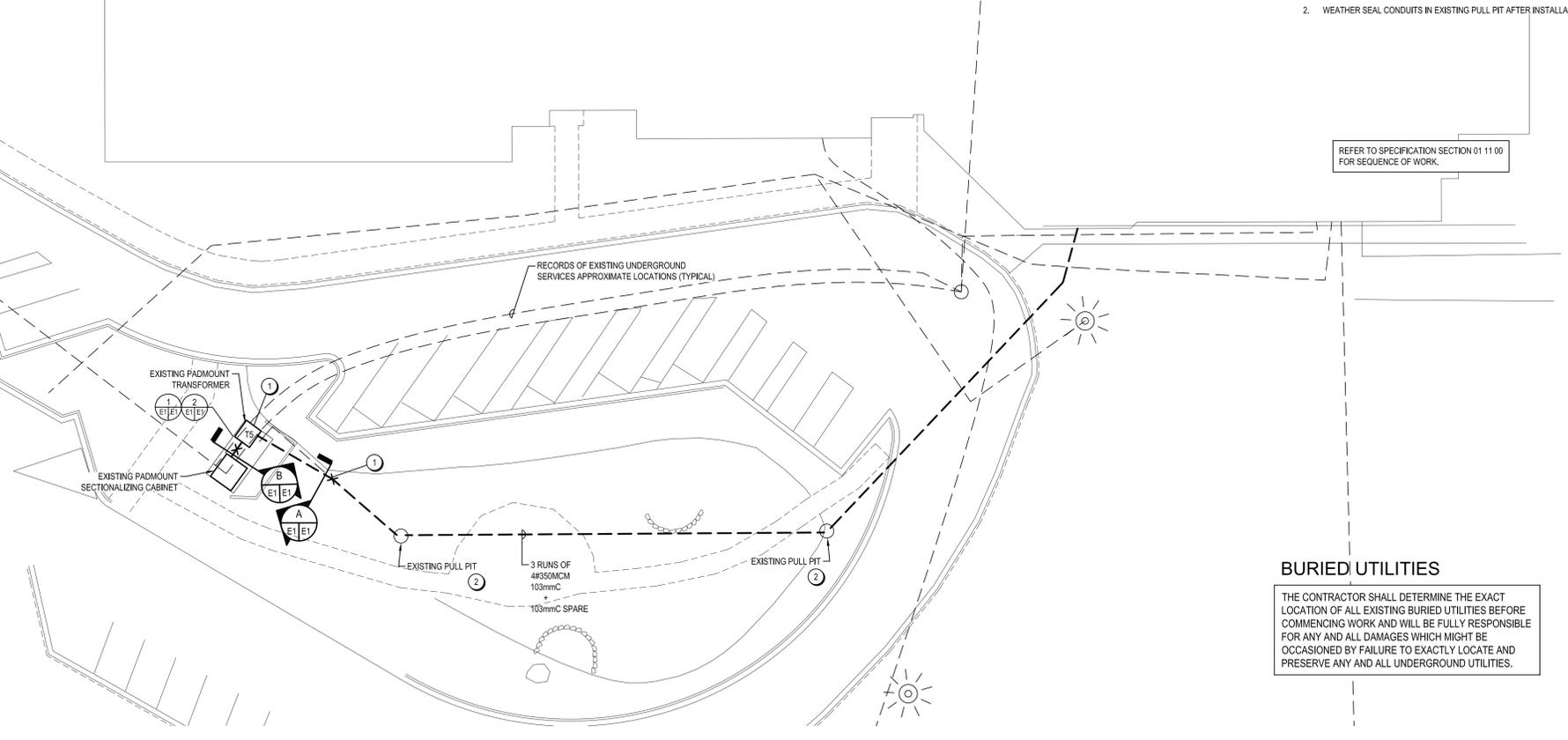
**NOTES**

1. ARRANGE AND PAY FOR REMOVAL OF EXISTING PADMOUNT TRANSFORMER AND HIGH VOLTAGE FEEDER CABLES BY NOVA SCOTIA POWER. CUT AND REMOVE EXISTING CONCRETE PAD BELOW TRANSFORMER TO ALLOW FOR INSTALLATION OF NEW UNDERGROUND CONDUITS. REMOVE EXISTING UNDERGROUND MI SERVICE ENTRANCE CABLES. NOTE THAT TRANSFORMER WILL BE ROTATED 180 DEGREES. EXTEND 2x 103mm PVC CONDUITS FROM EXISTING SECTIONALIZER CABINET TO HIGH VOLTAGE SECTION OF PADMOUNT TRANSFORMER. EXTEND 4x 103mm EXISTING PVC CONDUITS FROM GRASS ISLAND TO LOW VOLTAGE SECTION OF PADMOUNT TRANSFORMER. CONDUITS MUST ENTER THROUGH THE FRONT OF THE TRANSFORMER/PAD. INSTALL TRANSFORMER GROUND GRID AND REINSTATE EXISTING SECTIONALIZER CABINET GROUND GRID. INSTALL NEW CONCRETE PAD AND ARRANGE WITH NOVA SCOTIA POWER FOR INSTALLATION OF PADMOUNT TRANSFORMER. INSTALLATION OF NEW HIGH VOLTAGE FEEDER CABLES AND TERMINATION OF HIGH AND LOW VOLTAGE CABLES, AND ENERGIZATION.
2. WEATHER SEAL CONDUITS IN EXISTING PULL PIT AFTER INSTALLATION OF CABLES.

REFER TO SPECIFICATION SECTION 01 11 00 FOR SEQUENCE OF WORK.

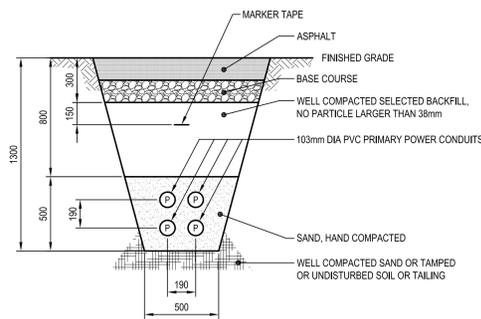
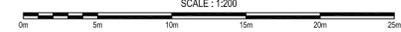
**BURIED UTILITIES**

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING BURIED UTILITIES BEFORE COMMENCING WORK AND WILL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



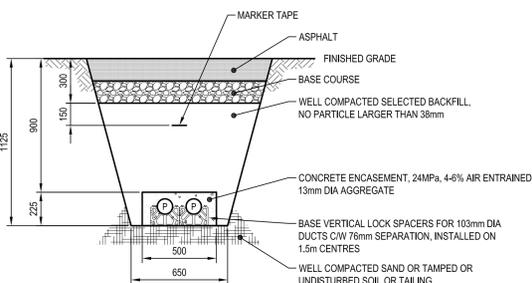
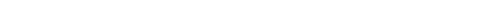
**SITE PLAN**

SCALE: 1:200



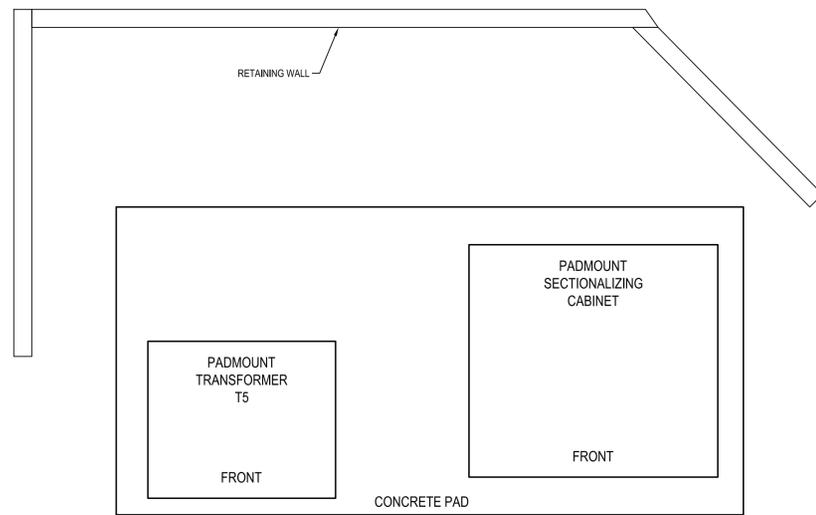
**A TRENCH DETAIL**

SCALE: 1:20



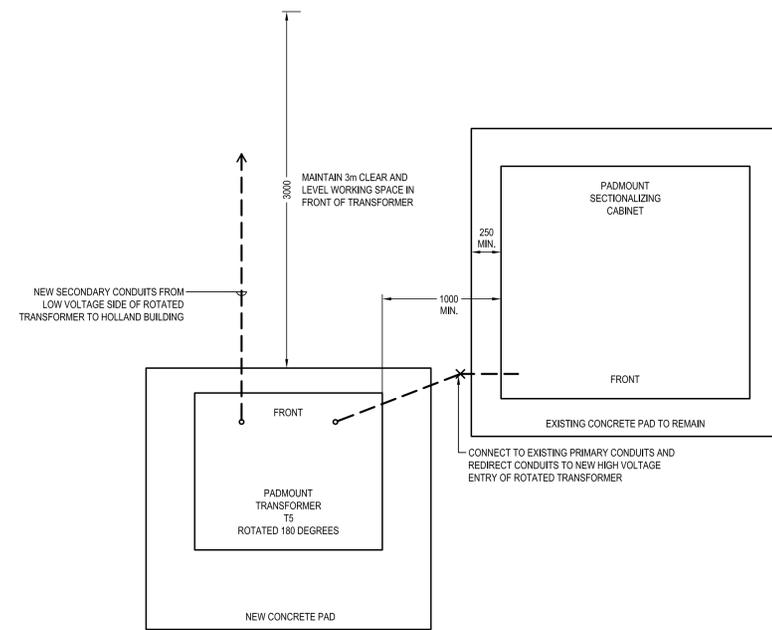
**B TRENCH DETAIL**

SCALE: 1:20



**1 EXISTING TRANSFORMER AND PAD DETAIL**

SCALE: 1:25



**2 REVISED TRANSFORMER AND PAD DETAIL**

SCALE: 1:25



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

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|           |   |            |
|-----------|---|------------|
| 0         | ISSUED FOR TENDER   | 12/20 2019 |
| revisions |   | date       |
| project   | HOLLAND BUILDING SECONDARY SERVICES UPGRADE BEDFORD INSTITUTE OF OCEANOGRAPHY DARTMOUTH, N.S. |            |
| drawing   |   | design     |

**ELECTRICAL SITE PLAN**

|                      |                                 |               |
|----------------------|---------------------------------|---------------|
| designed             | BMT                             | conçu         |
| date                 | DECEMBER 2019                   |               |
| drawn                | EFS                             | dessiné       |
| date                 | DECEMBER 2019                   |               |
| approved             | BET                             | approuvé      |
| date                 | DECEMBER 2019                   |               |
| Tender               |                                 | Soumission    |
| PWGC Project Manager | Administrateur de projets TPSCG |               |
| project number       |                                 | no. du projet |
|                      | R.105005.001                    |               |
| drawing no.          |                                 | no. du dessin |
|                      | E1                              |               |