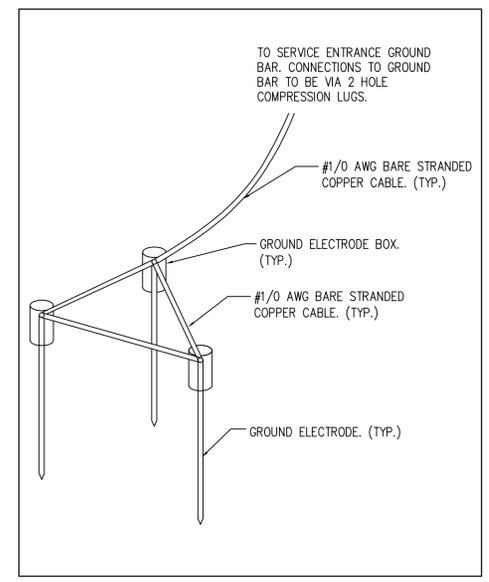
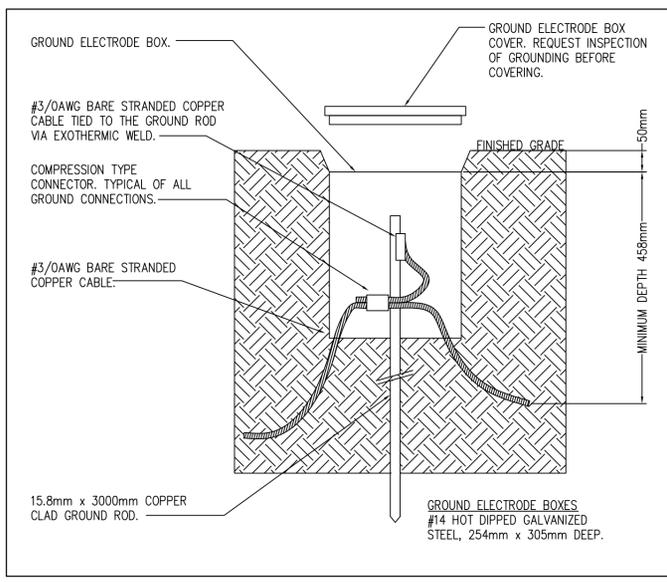
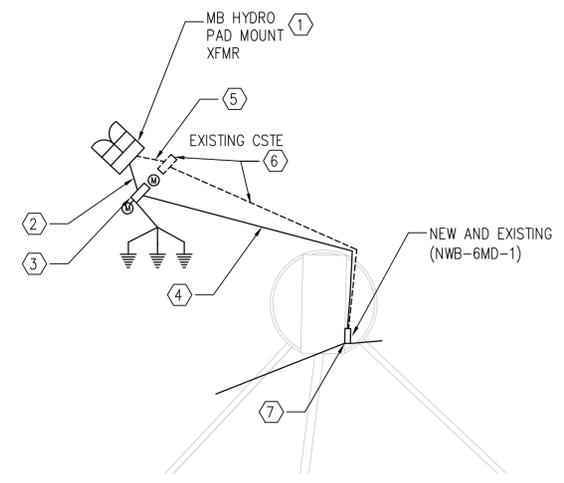
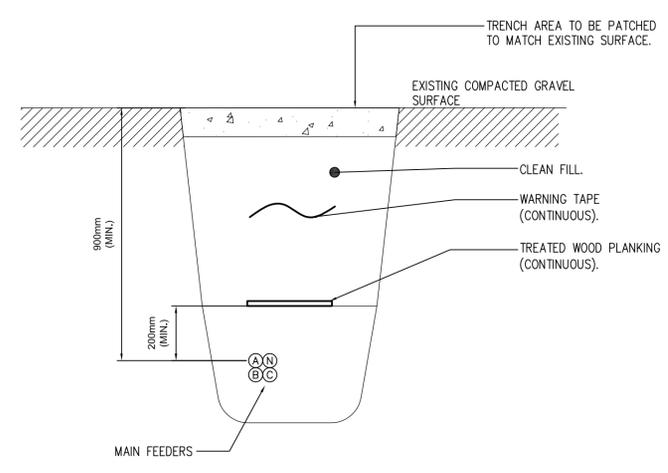


- NOTES:
1. EXTEND, RE-ROUTE AND RECONNECT ALL EXISTING TO REMAIN UNDERGROUND CABLES TO NEW 800A CDP IN BASTION. CONFIRM EXISTING ROUTINGS ON SITE.
 2. NEW NWB-6MD-1 TO BE INSTALLED IN SAME LOCATION AS EXISTING. CONFIRM REQUIRED 1.0m CLEARANCE IN FRONT OF NEW UNIT IS MET.
 3. ALL NEW PENETRATIONS THRU EXISTING STONE WALL TO BE THRU MORTAR JOINTS. COORDINATE ALL WORK WITH PARKS CANADA.
 4. NO NEW PENETRATIONS THRU EXISTING STRUCTURE SHALL BE PERMITTED.



SERVICE ENTRANCE POWER KEYNOTES:

- 1 MB HYDRO PAD MOUNT TRANSFORMER BY MB HYDRO SERVICE PROVIDER. UTILITY SERVICE UPGRADE COST CONTRIBUTION BY OWNER, UTILITY SERVICE COORDINATION BY ELECTRICAL CONTRACTOR.
- 2 PROVIDE U/G SERVICE ENTRANCE CONDUIT ROUGH-IN TO MB HYDRO STANDARD BY E.C INCLUDING TRENCHING AND BACKFILL. ELECTRICAL CONTRACTOR TO COORDINATE WITH MB HYDRO SERVICE PROVIDER BEFORE ROUGH-IN.
- 3 SUPPLY AND INSTALL 800A, 347/600V/3Ø/4W IC=25KA NEMA 3R, PAD MOUNT, LOCKABLE, REMOTE METERING ENCLOSURE C/W VIEWING WINDOW AND LOCKABLE, FIBRE PAD. COORDINATE WITH MB HYDRO SERVICE PROVIDER BEFORE ROUGH-IN, IT IS SUBJECT TO MB HYDRO JURISDICTION.
- 4 SUPPLY AND INSTALL 2x4C #500MCM, Cu, TECK90 POWER CABLE AS PER C22.1-15, DIAGRAM D10, TABLE D10A, DETAIL 2. FROM THE NEWLY INSTALLED CSTE TO MAIN DISTRIBUTION PANEL (NWB-6MD-1). CONFIRM AND GET APPROVAL FOR EXACT CSTE LOCATION FROM MB HYDRO SERVICE PROVIDER BEFORE ROUGH-IN.
- 5 DISCONNECTION AND REMOVAL OF EXISTING SERVICE ENTRANCE POWER BY MB HYDRO. UTILITY COST CONTRIBUTION BY OWNER INCLUDING TRENCHING AND BACK FILLING. UTILITY SERVICE COORDINATION BY E.C (DEMOLITION PLAN TO TAKE PLACE AFTER NEW WORK IS IN PLACE).
- 6 DISCONNECT AND REMOVE EXISTING PAD MOUNT CSTE (400A, 3Ø/3W) C/W EXISTING U/G POWER CABLE FROM EXISTING CSTE TO EXISTING MAIN DISTRIBUTION PANEL (INCLUDING TRENCHING AND BACK FILLING).
- 7 SUPPLY AND INSTALL 800A, 347/600V/3Ø/4W IC=25KA DISTRIBUTION PANEL PAD/WALL MOUNT, NEMA 3R, LOCKABLE SERVICE ENTRANCE RATED C/W 800A-3P MAIN BREAKER, BRANCH BREAKERS AS SHOWN ON POWER SINGLE LINE DRAWING.
- 7 BRANCH BREAKERS LOCATION TO MATCH EXISTING DEMOLITION MAIN DISTRIBUTION PANEL IN ORDER TO AVOID SPLICING EXISTING BRANCH FEEDERS.



- NOTES:
1. BASED ON CANADIAN ELECTRICAL CODE DIAGRAM D10, DETAIL 1 AND TABLE D10A
 2. CARRY ALL COSTS ASSOCIATED WITH REPAIR OF SOD AND GRAVEL AREAS AS A RESULT OF THIS WORK.

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

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APEGM Certificate of Authorization HDK Consulting Incorporated No. 5539 Date: 04/30/2017

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HERITAGE BUILDING RECAPITALIZATION		
Approved by/Approuvé par		
HCC		
Designed by/Concept par		
PL		
Drawn by/Dessiné par		
RD		
PWGSC Project Manager/Administrateur de Projets TPSCG		
CHRISTINA KOVACS		
PWGSC Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSCG		
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