

SITE PLAN
 SCALE: 1 : 150

LEGEND:

- NEW ELECTRICAL EQUIPMENT (AS INDICATED)
- NEW WORK, HIDDEN/BURIED
- EXISTING CATCH BASIN
- EXISTING MAN HOLE
- EXISTING WATER VALVE
- EXISTING MB HYDRO POLE
- EXISTING PROPERTY/FENCE LINE
- EXISTING PROPERTY LINE
- GAS EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING WATER LINE
- EXISTING SHAW LINE
- EXISTING MTS OVERHEAD LINE

GENERAL NOTES:

1. COORDINATE WITH MANITOBA HYDRO TO ARRANGE FOR A 4160:600 VOLT SERVICE REPLACEMENT. MANITOBA HYDRO WILL PROVIDE AND INSTALL PAD MOUNTED TRANSFORMER AND SERVICE CABLES (C-UTIL-1 AND C-UTIL-2).
2. THE EXISTING SERVICE TRANSFORMER AND 600V DISTRIBUTION IS CURRENTLY FED FROM THE HYDRO POLE AT THE SOUTH-EAST CORNER OF THE STATION. MANITOBA HYDRO MAY RE-UTILIZE OR REPLACE THIS POLE.
3. NO TEMPORARY POWER FROM MANITOBA HYDRO IS AVAILABLE FOR THE STATION WHILE DEMOLITION/CONSTRUCTION IS UNDERWAY. A TEMPORARY GENERATOR WILL NEED TO BE PROVIDED BY THE CONTRACTOR FOR LOADS DURING DEMOLITION AND NEW CONSTRUCTION.
4. ONLY ONE (1) CABLING RUN FOR ALL 4160 AND 600 VAC CABLES ARE SHOWN FOR CLARITY. REFER TO SINGLE LINE DRAWING FOR ACTUAL.
5. ALL ELECTRICAL EQUIPMENT AND CABLING SHOWN ON THIS DRAWING IS NEW AND NEEDS TO BE PROVIDED UNLESS SPECIFICALLY NOTED OTHERWISE.

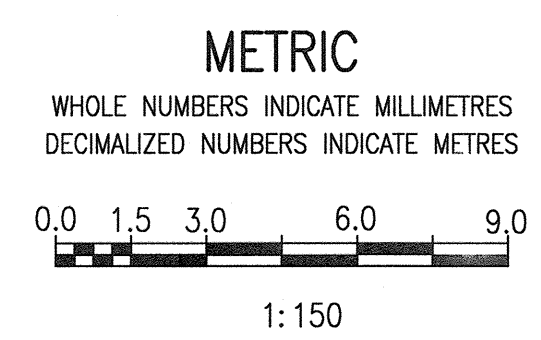
CONSTRUCTION NOTES:

- ① CONTRACTOR TO PROVIDE AND INSTALL NEW 600V CUSTOMER SERVICE TERMINATION ENCLOSURE, CSTE-M701, C/W METERING ENCLOSURE. PROVIDE SAND BEDDING AND STRUCTURAL FIBERGLASS PAD FOR CSTE MOUNTING BASE.
- ② CONTRACTOR TO PROVIDE TEMPORARY GENERATOR CONNECTION ENCLOSURE JB-M702 AND CABLE.
- ③ CONTRACTOR TO PROVIDE CONDUIT FOR CUSTOMER SERVICE TEMPORARY ENCLOSURE CSTE-M701 AND TEMPORARY GENERATOR CONNECTION ENCLOSURE JB-M702 CABLE CONNECTION TO MCC-M710.
- ④ CONTRACTOR TO PROVIDE AND INSTALL GROUND RODS, COMPLETE WITH GROUND WELLS AND CONDUCTORS. REFER TO DETAIL A ON DRAWING 1-0660M-E0018.

MANITOBA HYDRO SCOPE OF WORK

1. PROVIDE AND INSTALL NEW 4160:600V, 500KVA PAD-MOUNT SERVICE TRANSFORMER, XFMR-UTIL.
2. PROVIDE AND INSTALL NEW UTILITY CABLE (C-UTIL-1 AND C-UTIL-2) FROM HYDRO POLE TO 500KVA TRANSFORMER AND CSTE-M701.
3. PROVIDE AND INSTALL POTENTIAL TRANSFORMERS, CURRENT TRANSFORMERS AND METER INTO CTSE-M701.
4. COORDINATE WITH CITY OF WINNIPEG FOR EXCAVATION AND SITE RESTORATION WORKS.

1-0660M-E0018	GROUNDING INSTALLATION DETAILS
1-0660M-E0017	PANEL LAYOUT, JB-M702, TEMPORARY GENERATOR CONNECTION
1-0660M-E0007	ELECTRICAL SINGLE LINE DIAGRAM, MCC-M710
DRAWING NUMBER	REFERENCE DRAWINGS

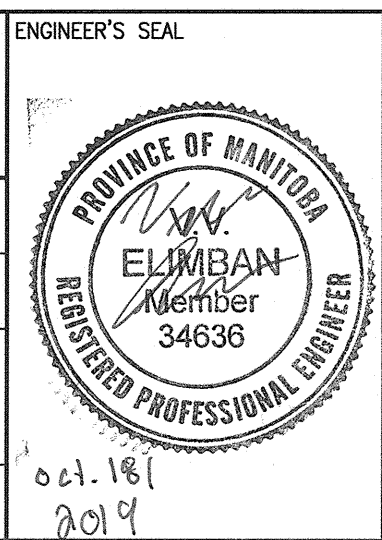


00	ISSUED FOR TENDER AND CONSTRUCTION	2019/10/18	SB	BC
NO.	REVISIONS	DATE	DESIGN	CHECK

SNC-LAVALIN INC.
 148 Nature Park Way
 Winnipeg, MB, Canada R3P 0X7
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DESIGNED BY: S. BOGHOSIAN
 CHECKED BY: B. CLEVEN
 DRAWN BY: J. GRAGASIN/Y. KONIG
 APPROVED BY: D. BECKER
 SCALE: 1 : 150
 DATE: 2019/04/11
 ISSUED FOR CONSTRUCTION BY: A. WEISS
 DATE: 2019/10/18

CONSULTANT NO.:



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

TACHE BOOSTER PUMPING STATION
 ELECTRICAL SITE PLAN

CITY DRAWING NUMBER: 1-0660M-E0016
 SHEET: 001
 REV: 00
 SIZE: A1