

1 -- **DETAIL - BUS BAR**
SCALE: 1 : 5

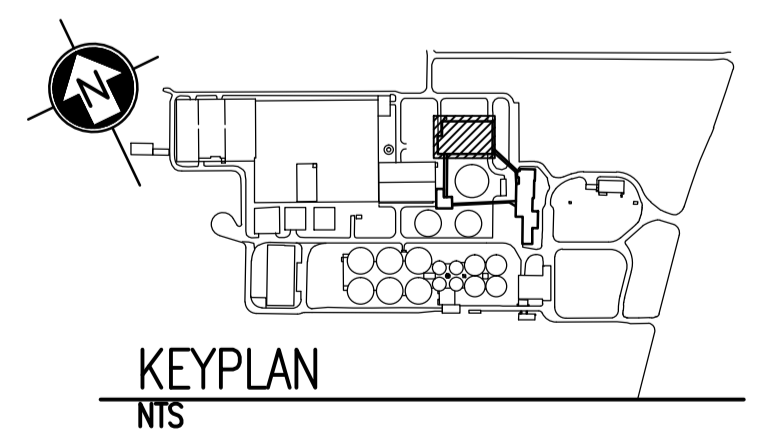
- CONSTRUCTION NOTES**
- 1 PROVIDE FOUR ROD GROUND ELECTRODE AS SHOWN. LOCATE ALL EXISTING UNDERGROUND SERVICES IN AREA PRIOR TO INSTALLATION OF ELECTRODE. SEE DETAILS ON DRAWING 1-0101A-E0010. PROVIDE GROUND WELL AT EACH ROD LOCATION.
 - 2 PROVIDE 4/0 AWG INSULATED CONDUCTOR FROM GROUND ELECTRODE TO GROUND BUS BAR. EXCAVATE UNDER ROADWAY AS NEEDED. CORE DRILL THROUGH WALL ABOVE GRADE.
 - 3 PROVIDE 4/0 AWG CONDUCTOR FROM GROUND ELECTRODE TO GROUND BUS BAR. CORE DRILL THROUGH WALL ABOVE GRADE.
 - 4 PROVIDE 4/0 AWG CONDUCTOR FROM GROUND BUS BAR TO MCC GROUNDING BUS BAR.
 - 5 PROVIDE GROUND BUS BAR AS SHOWN AT HEIGHT OF 400mm ABOVE FINISHED FLOOR.
 - 6 RESTORE THE ROADWAY AND ALL GRASSED AND PAVEMENT SURFACES AS PER THE SPECIFICATIONS.

PRIMARY CLARIFIER BUILDING - GROUND ELECTRODES
SCALE: 1 : 75

PRIMARY CLARIFIER BUILDING - MAIN LEVEL
SCALE: 1 : 75

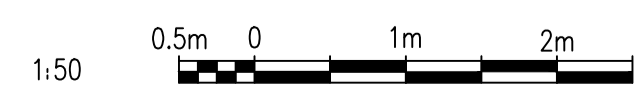
LEGEND:

- EXISTING CONDUCTOR
- NEW CONDUCTOR
- - - CONDUCTOR BELOW ELEVATION SHOWN
- GROUND ROD
- CONNECTION
- ELEVATION CHANGE



LAST SAVE: 2012/10/31 - 9:35am
 PATH: M:\113312\AENG\47ELE\DD - General DWG\1-0101P-E0045-001-00.dwg

1-0101A-E0010	GROUNDING INSTALLATION DETAILS
1-0101A-E0011	SITE PLAN- GROUNDING CONDUCTOR ROUTING
DRAWING NUMBER	REFERENCE DRAWINGS



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 845-2012	2012/10/30	TMC	CJR

SNC-LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
204-786-8080

DESIGNED BY: I. CHURCH
DRAWN BY: M.J. PERSSON
SCALE: AS SHOWN
DATE: 2012/06/05

CHECKED BY: C. REIMER
APPROVED BY: C. REIMER
RELEASED FOR CONSTRUCTION BY: B. STATION
DATE: 2012/10/31

CONSULTANT NO.: 113312-0000-47DD-0018

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE
GROUNDING UPGRADES
PLAN LAYOUT
GROUNDING
PRIMARY CLARIFIERS BUILDING

CITY DRAWING NUMBER: 1-0101P-E0045
SHEET: 001
REV.: 00
SIZE: A1