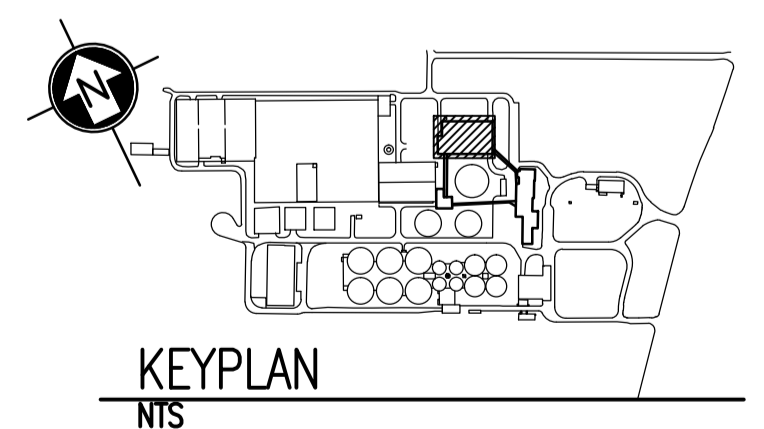


- CONSTRUCTION NOTES**
- ① PROVIDE 4/0 AWG INSULATED GROUND CONDUCTOR FROM GRIT ELECTRICAL ROOM SWITCHGEAR TO GROUND BUS BAR IN OXYGEN REACTORS ELECTRICAL ROOM.
 - ② PROVIDE 4/0 AWG CONDUCTOR FROM TRANSFORMER T2 TO EXISTING GROUND CONDUCTOR. INSTALL IN PVC CONDUIT. UTILIZE SEPARATE PENETRATION FROM EXISTING GROUNDING CONDUCTOR.
 - ③ LOCATION OF EXISTING GROUND TERMINATION MAY NOT BE EXACTLY AS SHOWN. MARK DETAILED TERMINATION POINTS ON AS-BUILT DRAWINGS.
 - ④ PROVIDE 4/0 AWG CONDUCTOR CONNECTING UV GROUND TO MAIN SWITCHGEAR GROUND.

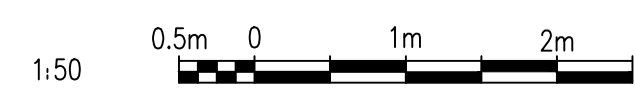
LEGEND:

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



GRIT BUILDING ELECTRICAL ROOM PLAN - MAIN FLOOR
SCALE: 1 : 50

- NOTES:**
1. THE ELEVATION OF THE GROUNDING CONDUCTORS AND ELECTRODES VARIES AND IS SHOWN ON A SINGLE LEVEL TO EASE THE UNDERSTANDING OF HOW THE GROUNDING SYSTEM IS INTERCONNECTED.
 2. THE LOCATION AND ROUTING OF EXISTING GROUND CONDUCTORS IS APPROXIMATE.
 3. THIS DRAWING SUPERSEDES PART OF NEP-1573.



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

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SCALE: 1:50
RELEASED FOR CONSTRUCTION BY: B. STATION
DATE: 2009/11/25
DATE: 2012/10/31
CONSULTANT NO.: 113312-0000-47DD-0010

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE
GROUNDING UPGRADES
PLAN LAYOUT
GROUNDING
GRIT BUILDING WEST

CITY DRAWING NUMBER: 1-0101G-E0004
SHEET: 001
REV: 00
SIZE: A1

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