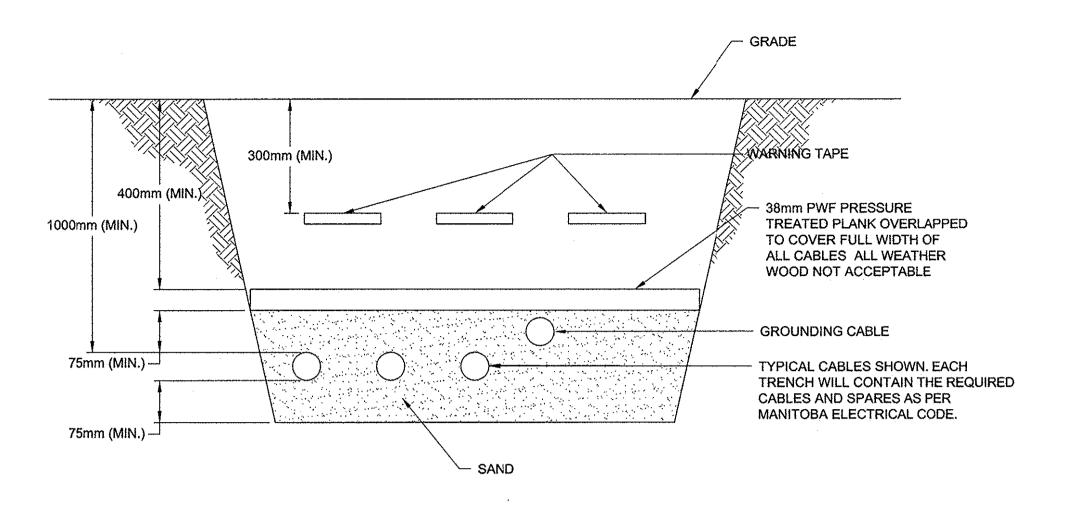
PANEL LP-1 SCHEDULE

- INSULATED STANDOFFS (2) -GROUND BUS #2/0 GREEN INSULATED COPPER GROUND CABLE IN 19 mm PVC CONDUIT TO GROUND BAR **FRONT VIEW** SIDE VIEW

NOTES:

- NEW COPPER GROUND BAR ( 1000x100x6 EACH ELECTRICAL ROOM) WITH HOLES PREPUNCHED FOR DOUBLE BOLT CONNECTORS AND INSULATED STANDOFFS.
- 2. CONNECT NEW #2/0 GROUND CABLE.
- 3. GROUND CONNECTORS TO BE TAGGED ON BOTH ENDS IDENTIFYING LOCATION AND DEVICE.
- 4. GROUND CABLE TO BE INSTALLED ON SUPPORTS WHERE POSSIBLE. PROVIDE SUPPORTS WHERE NEEDED.

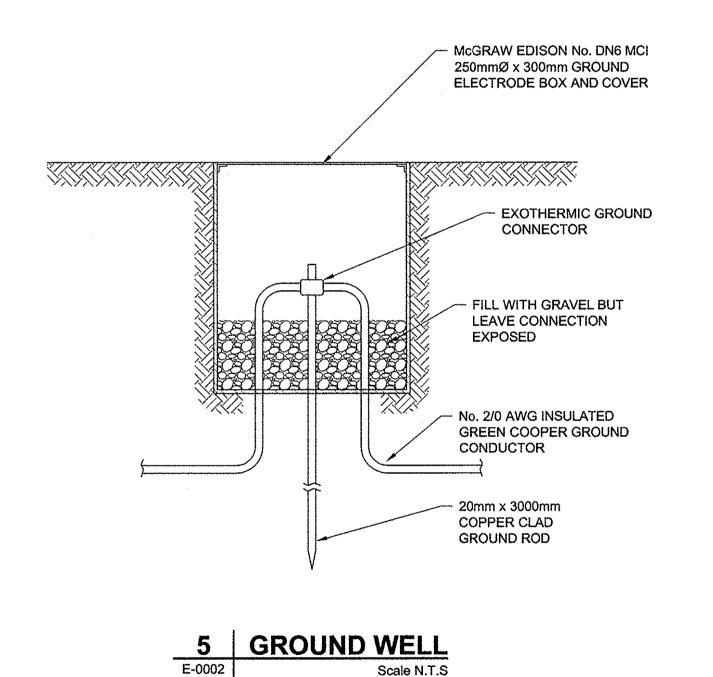
**GROUNDING BAR DETAIL** E-0002 E-0004



TYPICAL DIRECT BURIED TRENCH

## **LUMINAIRE SCHEDULE** SYMBOL LABEL TYPE VOLTS LAMP DESCRIPTION MANUFACTORER CATALOG NUMBER MOUNTING **FLUORESCENT** 120V THREE 32W T8 LAMP, ELECTRONIC INSTANT START 3-32W CFI: TU348-120SC-O SURFACE MOUNTING BALLAST, <10% THD. CSA CERTIFIED 4100K 120V WALL MOUNTING SUITABLE FOR CLASS 1 ZONE 1 AND CATEGORY 1 RIG-A-LITE: SXPJ10LUGGW1 LED ENVIRONMENT, CUL LISTED OR CSA CERTIFIED. 120V | 100W METAL HALIDE INCLUDE VANDAL RESISTANCE PACKAGE AND WALL MOUNTING KEENE: CWM100AL-1 PHOTOCELL LED 120 TO UNIVERSAL MOUNTING CSA 22.2 No. 141-10 CERTIFIED PICTOGRAM EXIT SIGN EMERGI-LITE: EAC1W6722LGUN WITH SOLID METAL CONSTRUCTION, ILLUMINATED BY MR16 347V LONG-LIFE WHITE LED AND TWIN EMERGENCY LED AC, 12V DC EMERGENCY LIGHTS, UNIVERSAL AC INPUT: TWO-WIRE 120 TO 347VAC, MAINTENANCE-FREE LEAD-CALCIUM LED 12VDC 4W CSA 22.2 No. 250 CERTIFIED REMOTE FIXTURES, WHITE WALL MOUNTING EMERGI-LITE: EF9DLG MR16 COLOUR, MR16 LED LAMPS, WIRE TO D FIXTURE.

**LUMINAIRE SCHEDULE** 



**APEGIN** Certificate of Authorization AECOM Canada Ltd. No. 4671 Date: Oct 15,2013

CITY DRAWING NUMBER

U238-2014-2357

| LOCATION APPROVED   | B.M.<br>ELEV. |                   |          |    |                |            |                               |
|---|---------------|-------------------|----------|----|----------------|------------|-------------------------------|
| UNDERGROUND STRUCTURES  SUPV. U/G STRUCTURES  DATE  |               |                   |          |    | AECOM          |            |                               |
| NOTE:   |               |                   |          |    | DESIGNED RB    |            | CHECKED BY                    |
| LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR |               |                   |          |    | DRAWN<br>BY RB |            | APPROVED BY                   |
| THAT THE GIVEN LOCATIONS ARE EXACT.<br>CONFIRMATION OF EXISTENCE AND EXACT<br>LOCATION OF ALL SERVICES MUST BE  | 0             | ISSUED FOR TENDER | 13/10/15 | RB |                | NOTED OTED | RELEASED FOR CONSTRUCTION BY: |
| OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.   | NO.           | REVISIONS         | DATE     | BY | DATE           |            | DATE                          |

CONSULTANT DRAWING NO.

60273041-SHT-01-CON3-E-0007.DWG

Winnipèg

THE CITY OF WINNIPEG **PUBLIC WORKS DEPARTMENT** 

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION CONTRACT 3

SHEET OF 09 ELECTRICAL

E-0007 SCHEDULES AND DETAILS