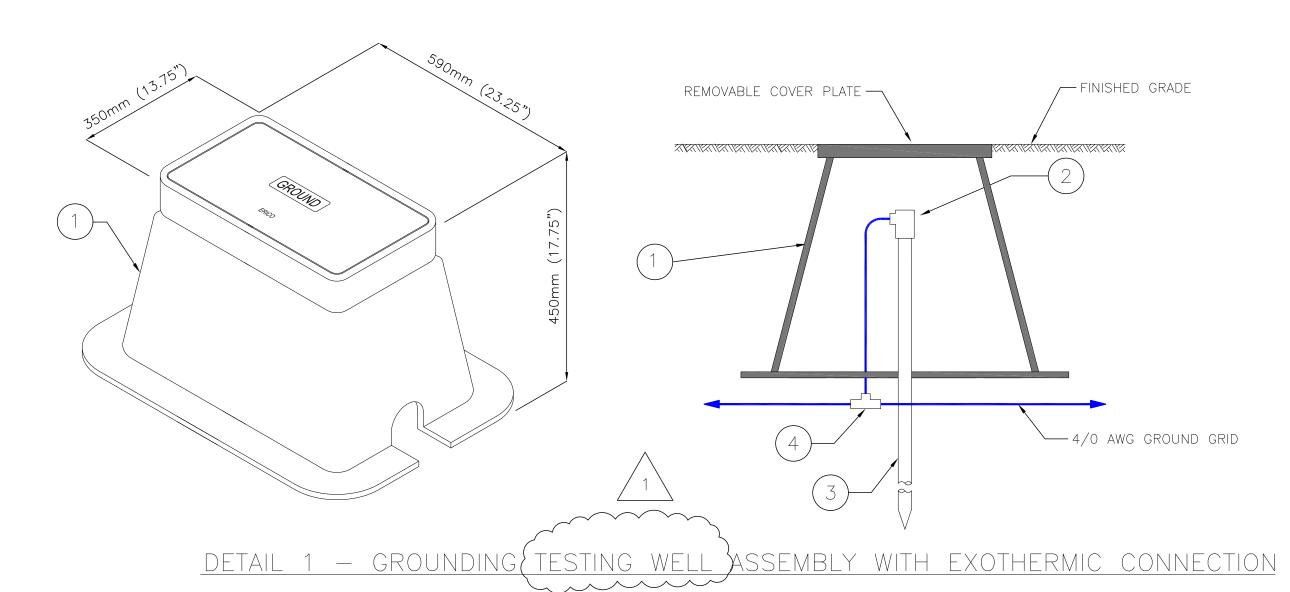
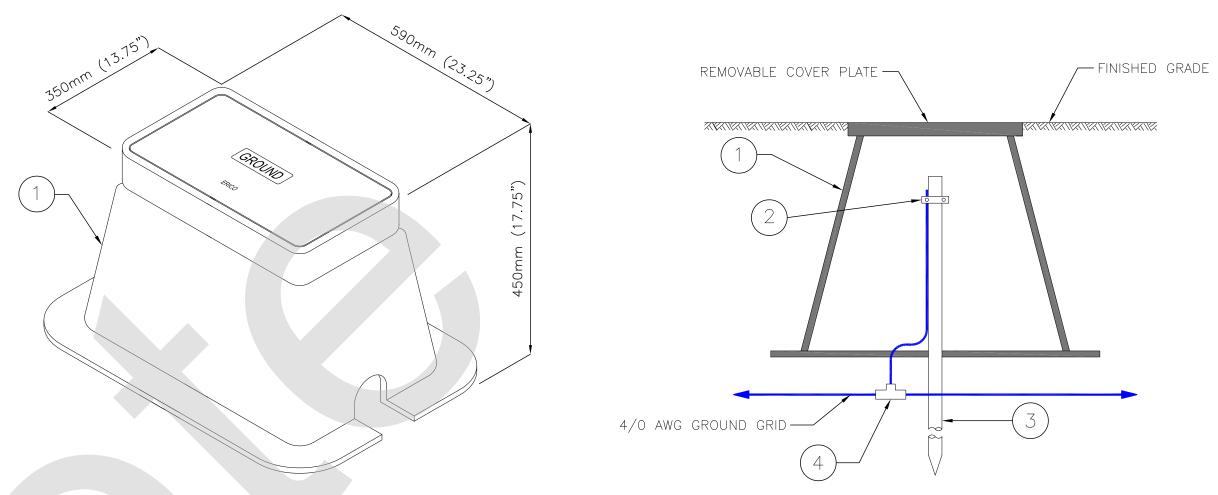
NOTES:

- 1. ENCLOSURES AND COVERS ARE RATED TO 4536Kg (10,000lbs) MAXIMUM LOAD.
- 2. ENCLOSURES ARE PROVIDED WITH BOLT DOWN COVERS THE ENCLOSURES ARE NOT LOCKABLE BUT REQUIRE HAND TOOLS TO BE OPENED.



NOTES:

- 1. ENCLOSURES AND COVERS ARE RATED TO 4536Kg (10,000lbs) MAXIMUM LOAD.
- 2. ENCLOSURES ARE PROVIDED WITH BOLT DOWN COVERS THE ENCLOSURES ARE NOT LOCKABLE BUT REQUIRE HAND TOOLS TO BE OPENED.



<u>detail 2 — Grounding testing well assembly with compression connection</u>

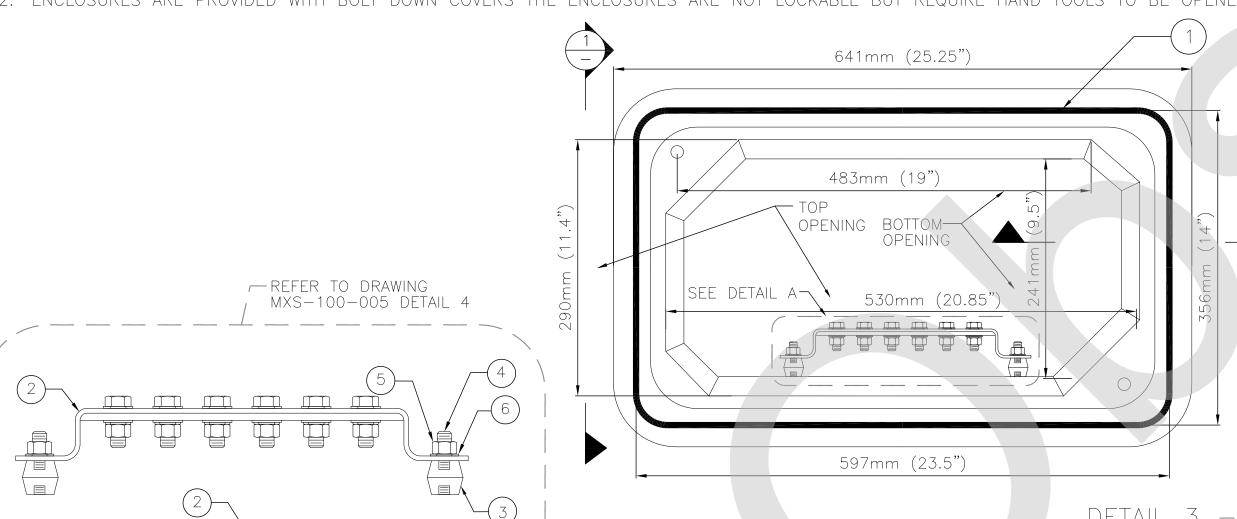
> I													
0-004 KE	ITEM	QTY	UNIT	MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.	ITEM	Q	QTY	UNIT	MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.		
<u>-</u> 2-1	1	1	EA	POLYMER CONCRETE INSPECTION WELL C/W COVER	ERICO: T476A OR EQUIVALENT	1		1	EA	POLYMER CONCRETE INSPECTION WELL C/W COVER	ERICO: T476A OR EQUIVALENT		
) 	2	1	EA	HORIZONTAL GROUND WIRE TO GROUND ROD EXOTHERMIC CONNECTION	BURNDY: B-518 OR EQUIVALENT	2		1	EA	COMPRESSION TYPE CONNECTOR	BURNDY: GK6429 OR EQUIVALENT		
	3	2	EA	COPPER CLAD STEEL GROUND ROD 3M X 20MM (10' X 3/4")	(GENERIC)	3		2	EA	COPPER CLAD STEEL GROUND ROD 3M X 20MM (10' X 3/4")	(GENERIC)		
אם מ	4	1	EA	HORIZONTAL WIRE TAP TO HORIZONTAL WIRE RUN	BURNDY: B-241 OR EQUIVALENT	4		1	EA	HORIZONTAL WIRE TAP TO HORIZONTAL WIRE RUN	BURNDY: B-241 OR EQUIVALENT		
7 F		•											

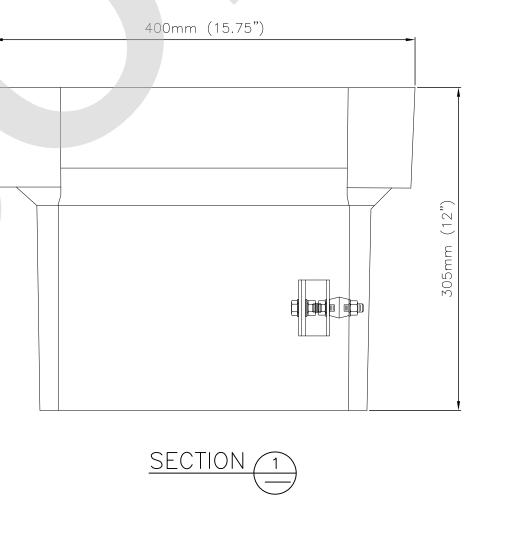
NOTES:

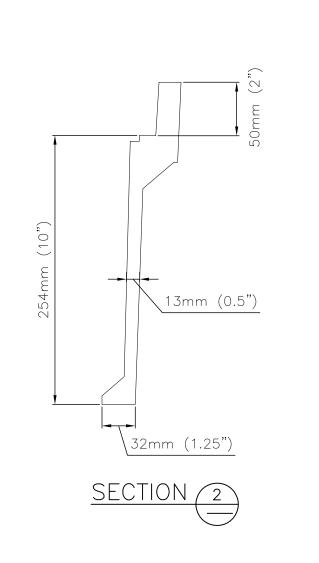
1. ENCLOSURES AND COVERS ARE RATED TO 5443Kg (12,000lbs) MAXIMUM LOAD.

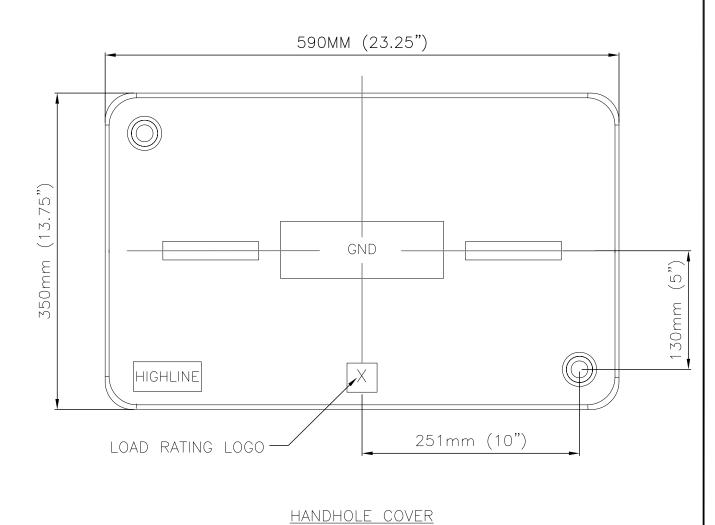
DETAIL (A)

2. ENCLOSURES ARE PROVIDED WITH BOLT DOWN COVERS THE ENCLOSURES ARE NOT LOCKABLE BUT REQUIRE HAND TOOLS TO BE OPENED.









DETAIL 3 - GROUNDING HANDHOLE ASSEMBLY

ITEM	QTY UNIT		MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.		
1	1 1 EA		NON-METALLIC HANDHOLE ASSEMBLY C/W COVER	HIGHLINE: PHA132412 OR EQUIVALENT		
2	1 EA COPPER GROUND BUS 6mm x 50mm x 300mm (4" x 2" x 12") MIN		COPPER GROUND BUS 6mm x 50mm x 300mm (¼" x 2" x 12") MIN	(GENERIC)		
3	2	EA	FIBERGLASS REINFORCED POLYESTER INSULATOR W/12mm (1/2") - 13 THREADED HOLES	ERICO: 559686 OR EQUIVALENT		
4	2	EA	BRONZE BOLT 12MM - 13x25mm (Γ΄" - 13x1")			
5 2 EA		EA	LOCK WASHER, BRONZE, 1/2"	(GENERIC)		
6	2	EA				

NOTE:
THIS DRAWING IS PROVIDED FOR INSTRUCTIONAL DESIGN PURPOSES ONLY BASED ON METROLINX GO TRANSIT DESIGN GUIDELINES AND REQUIREMENTS. THE CONSULTANT SHALL VERIFY FOR LOCAL CODE COMPLIANCE, EXISTING SITE CONDITIONS AND INTER DISCIPLINARY DRAWING COORDINATION. ALL DIMENSIONS AND SPECIFICATIONS SHOULD BE VERIFIED BY CONSULTANT AND/OR CONTRACTOR BEFORE ACTUAL CONSTRUCTION BEGINS.

\CI\07	REFERENCE DRAWINGS		ISSUE		REVISIONS			DESIGNED BY:
160							RCW 14/12/11	SXF 14/12/11
GDC01\DEPT		3	15/04/06	FINAL DESIGN				APPROVED BY:
3DC0		2		100% DESIGN			CTG 15/01/16	ZBT 15/01/16
Δ.		1	15/02/09	90% DESIGN			SCALE: NTS	FULL SIZE ONLY
WFILE		0	15/01/16	60% DESIGN	1 15/04/XX	REVISED DETAIL 1 TITLE		
믵	DWG NO. TITLE	NO.	DATE	ISSUED FOR	REV. DATE			





TRACTION ELECTRIFICATION

GROUNDING AND BONDING
STANDARD INSTALLATION DESIGN DETAILS
GROUNDING ENCLOSURE ASSEMBLIES

CONTRACT NO.	DWG. NO.	REV.	SHEET
RQQ-2011-PP-032	MXS-100-004	1	7/26