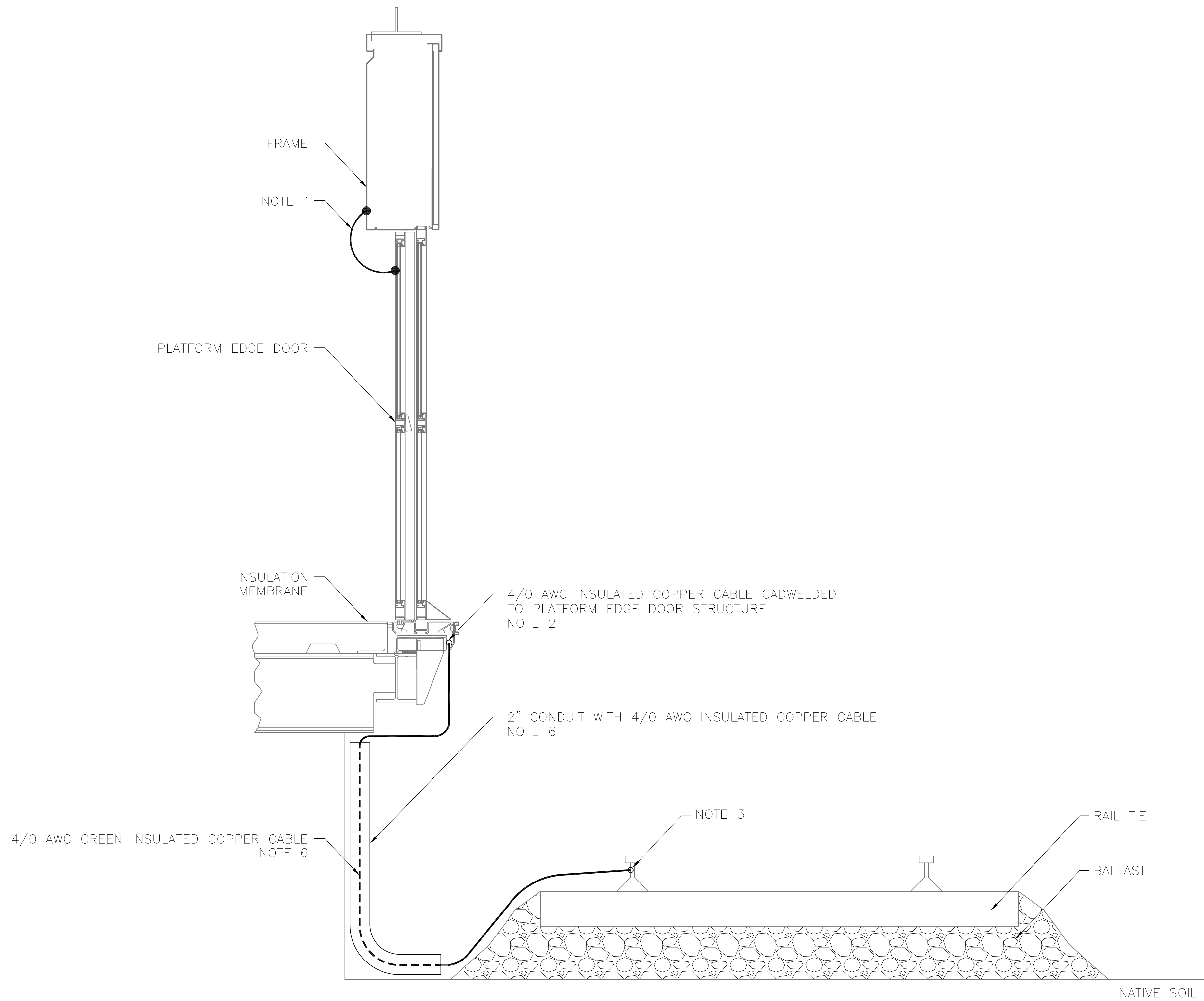


PLOTTED BY: PAULRI PLOTTED DATE: 2015/04/01 PAPER SIZE AT FULL: ANSI D (22.00 x 34.00 INCHES)
 FILE: \\FILE-RGDC01\DEPT\GO\CI07\PROGRAM MANAGEMENT & STANDARDS\PMPS DESIGN STANDARDS\REFERENCE MATERIAL\24 ELECTRIFICATION\GROUNDING AND BONDING STANDARD DRAWINGS\MXD-100-004.DWG



NOTES:

1. PLATFORM EDGE DOORS SHALL BE ELECTRICALLY BONDED TO FRAMES. THIS BONDING SHOULD BE INHERENT TO THE DESIGN OF THE DOORS AND PROVIDED BY THE MANUFACTURER. THIS CONNECTION IS SHOWN ONLY FOR INFORMATION, NO ADDITIONAL GROUNDING MATERIAL SHOULD BE REQUIRED.
2. GROUND WIRE TO BE CADWELDED TO METAL STRUCTURE AS DETAILED ON DRAWING MXS-100-003 DETAIL 1.
3. PLATFORM EDGE DOORS SHALL BE BONDED TO 1 (ONE) RUNNING RAIL.
4. PLATFORM EDGE DOORS SHALL BE BONDED TO THE RUNNING RAIL IN A MINIMUM OF 2 (TWO) LOCATIONS.
5. THE ENTIRE PLATFORM EDGE DOOR SYSTEM SHALL BE ISOLATED FROM THE COMMON GROUND.
6. 4/0 AWG CABLE MUST HAVE MINIMUM 1000V INSULATION RATING.

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.

DWG NO.	TITLE	NO.	DATE	ISSUED FOR	REV.	DATE
		2	15/04/06	FINAL DESIGN		
		1	15/03/06	100% DESIGN		
		0	15/02/09	90% DESIGN		

DRAWN BY: RCW 15/01/27	DESIGNED BY: SXF 15/01/27
CHECKED BY: CTG 15/01/16	APPROVED BY: ZBT 15/01/16
SCALE: NTS FULL SIZE ONLY	



TRACTION ELECTRIFICATION
GROUNDING AND BONDING
 DIRECTIVE INSTALLATION DESIGN DETAILS
 PLATFORM EDGE DOORS (UP EXPRESS DETAIL)

CONTRACT NO. RQ-2011-PP-032	DWG. NO. MXD-100-004	REV. 0	SHEET 24/26
--------------------------------	-------------------------	-----------	----------------