

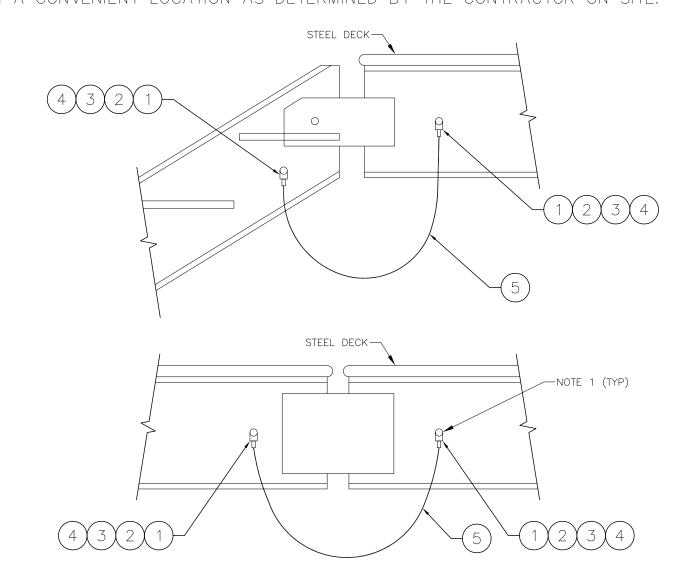
DETAIL B-CONNECTION TO GROUND GRID — DIRECT VIA PIGTAIL OR INDIRECT DETAIL VIA HANDHOLE/ENCLOSURE

<u>DETAIL 3 - GROUNDING CONNECTION TO FIXED METALLIC BIKE RACKS</u>

1 1 EA CONNECTOR, GROUND, CABLE TO PIPE, #4-2/0 , IPS:1-1/2", PIPE BURNDY: GAR1726 OR EQUIVALENT	ITEM	QTY	UNIT	DESCRIPTION	MANUFACTURER & CAT. NO.
	1	1	EA	CONNECTOR, GROUND, CABLE TO PIPE, #4-2/0, IPS:1-1/2", PIPE	BURNDY: GAR1726 OR EQUIVALENT

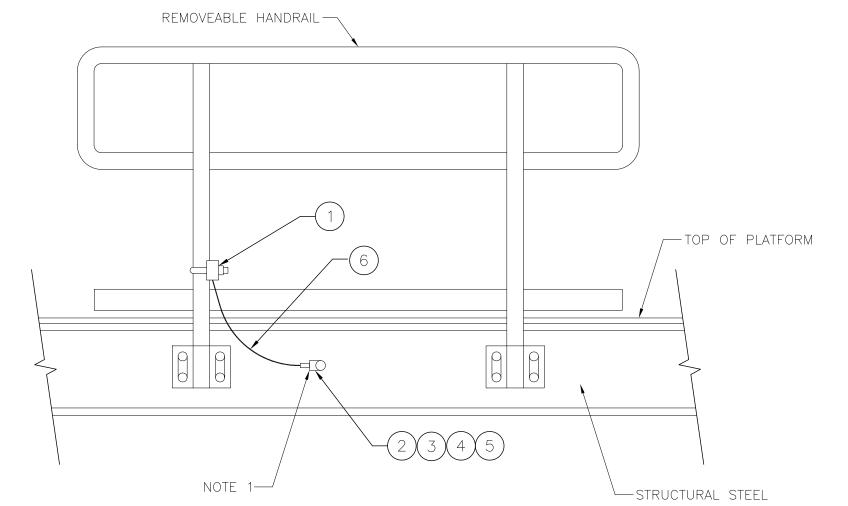
NOTES:

1. THE STEEL STRUCTURE MUST BE CONNECTED TO THE GROUNDING SYSTEM. THIS CONNECTION WILL BE MADE IN A CONVENIENT LOCATION AS DETERMINED BY THE CONTRACTOR ON SITE.

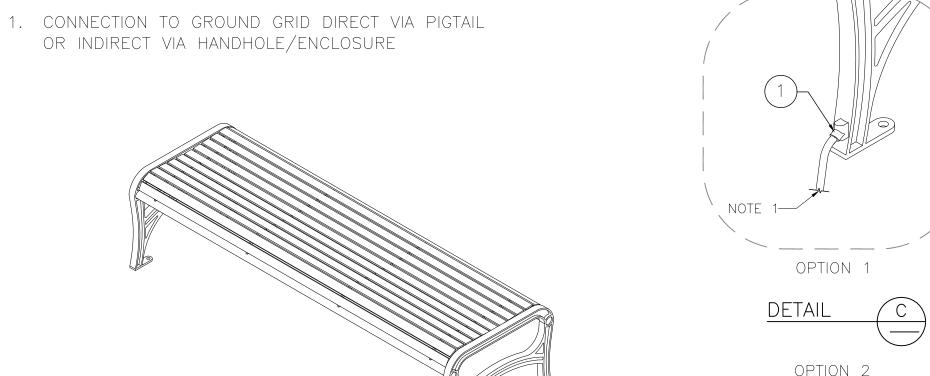


DETAIL 5 - GROUNDING CONNECTION TO FIXED METALLIC STAIRS

	ITEM	QTY	UNIT	DESCRIPTION	MANUFACTURER & CAT. NO.
	1	2	EA	TERMINAL 1 HOLE FOR #2 WIRE	BURNDY: YA26L6-BOX OR EQUIVALENT
	2	2	EA	WASHER, SPRING (LOCK), STAINLESS, 1/2", A304/A316	
	3	4	EA	WASHER, FLAT, SS, 1/2", A304/A316	(GENERIC)
10.	4	2	EA	BOLT, HEX, SS, 1/2"-13 NC x 1", A304/A316)	(GENERIC)
.ENT	5	3	FT	# 2 GROUND WIRE	

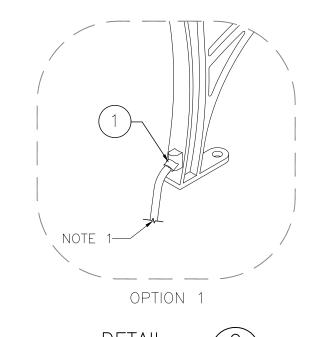


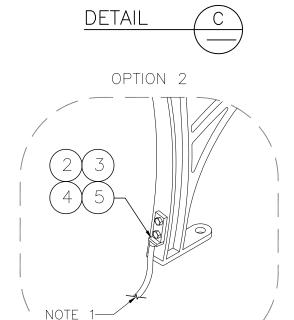


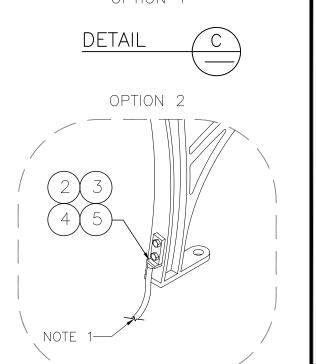


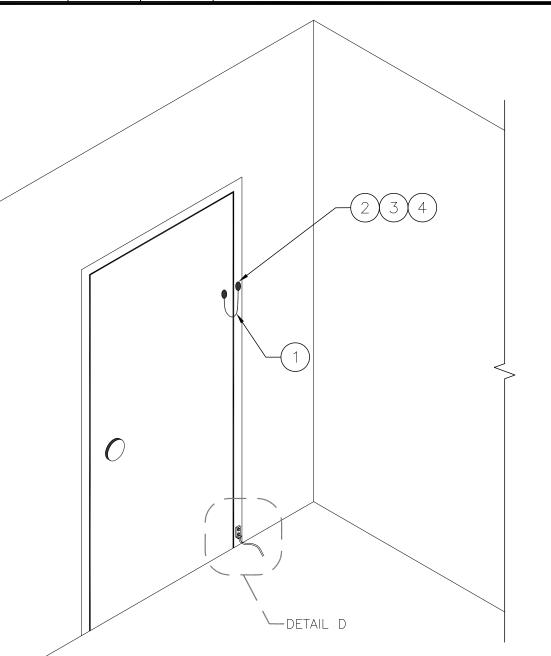
DETAIL 4 - GROUNDING CONNECTION TO FIVED METALLIC RENCH

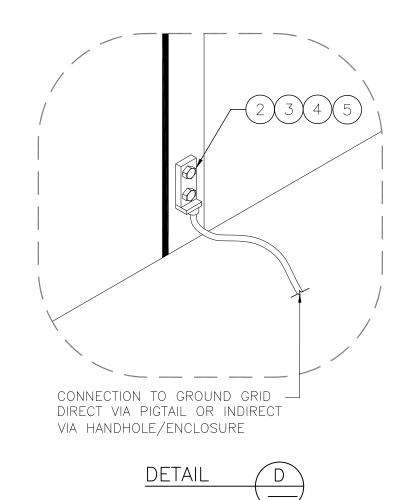
DETAIL C-











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.

<u>detail 6 — grounding connection to metallic swing doors</u>

NDAR	ITEM	QTY	UNIT	DESCRIPTION	MANUFACTURER & CAT. NO.				<u> </u>						
& STA	1	1	EA	CONNECTOR, GROUND, CABLE TO PIPE, #4-2/0 , IPS:1-1/2", PIPE	BURNDY: GAR1726 OR EQUIVALENT	ITEM	QTY	UNIT	DESCRIPTION	MANUFACTURER & CAT. NO.	ITEM	QTY	UNIT	DESCRIPTION	MANUFACTURER
MENT	2	1	EA	TERMINAL 1 HOLE FOR #2 WIRE	BURNDY: YA26L6-BOX OR EQUIVALENT	1	1	EA	VERTICAL WIRE TO VERTICAL STEEL SURFACE EXOTHERMIC CONNECTION	BURNDY: B-2741 OR EQUIVALENT	1	1	EA	FLEXIBLE COPPER BRAID	BURNDY: BD18 OR EQUIVALENT
AGEN	3	1	EA	WASHER, SPRING (LOCK), STAINLESS, 1/2", A304/A316		2	6	EA	BRONZE BOLT 12MM - 13x25mm (f" - 13x1")		2	8	EA	BRONZE BOLT 12MM - 13x25mm (ť" - 13x1")	
MAN	4	2	EA	WASHER, FLAT, SS, 1/2", A304/A316	(OFNEDIO)	3	6	EA	WASHER, SPRING (LOCK), STAINLESS, 1/2", A304/A316	(GENERIC)	3	6	EA	WASHER, SPRING (LOCK), STAINLESS, 1/2", A304/A316	(GENERIC)
3RAM	5	1	EA	BOLT, HEX, SS, 1/2"-13 NC x 1", A304/A316)	(GENERIC)		6	EA	WASHER, FLAT, SS, 1/2", A304/A316		4	6	EA	WASHER, FLAT, SS, 1/2", A304/A316	
PROC	6	3	FT	#2 GROUND WIRE			1	EA	TWO HOLE LUG FOR #2 AWG WIRE	BURNDY: YGA2C-2N OR EQUIVALENT	5	1	EA	TWO HOLE LUG FOR #2 AWG WIRE	BURNDY: YGA2C-2N OR EQUIVALENT

<u> </u>	.					
PLOTTED I	REFERENCE DRAWINGS	ISSUE		REVISIONS	DRAWN BY:	DESIGNED BY:
PL0.					RCW 14/12/11	SXF 14/12/11
.RI 10ep		3 15/04/06 FINAL DESIGN			CHECKED BY:	APPROVED BY:
PAUL 3DC0	DWG NO. TITLE	2 15/03/06 100% DESIGN				15/01/16
) BY: _E-P(1 15/02/09 90% DESIGN			SCALE: NTS	FULL SIZE ONLY
14E		0 15/01/16 60% DESIGN				
오블	DWG NO. TITLE	NO. DATE ISSUED FOR	REV. DATE			





TRACTION ELECTRIFICATION

GROUNDING AND BONDING STANDARD INSTALLATION DESIGN DETAILS PASSENGER STATION FURNITURE

CONTRACT NO.	DWG. NO.	REV.	SHEET
RQQ-2011-PP-032	MXS-200-002	0	10/26