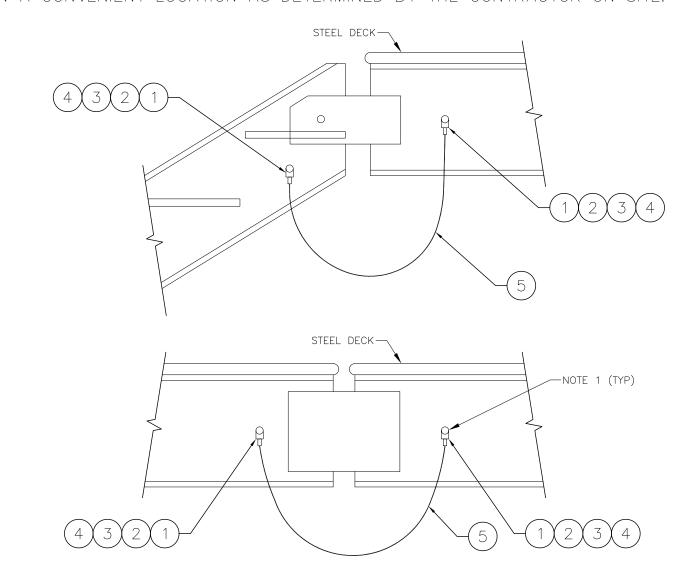


## DETAIL 3 - GROUNDING CONNECTION TO FIXED METALLIC BIKE RACKS

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

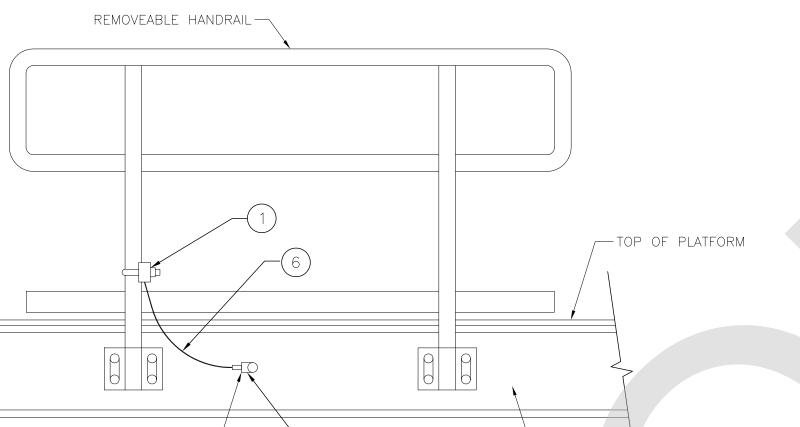
## NOTES:

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

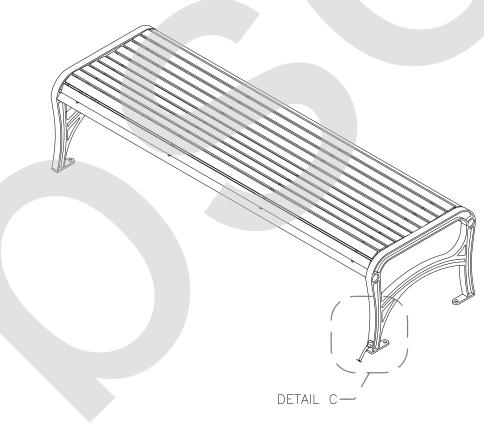
	ITEM	QTY	UNIT	DESCRIPTION	MANUFACTURER & CAT. NO.			
	1	2	EA	TERMINAL 1 HOLE FOR #2 WIRE	BURNDY: YA26L6-BOX OR EQUIVALENT			
	2	2	EA	WASHER, SPRING (LOCK), STAINLESS, 1/2", A304/A316				
	3	4	EA	WASHER, FLAT, SS, 1/2", A304/A316	(CENEDIO)			
).	4	2	EA	BOLT, HEX, SS, 1/2"-13 NC x 1", A304/A316 )	(GENERIC)			
٧T	5	3	FT	# 2 GROUND WIRE				



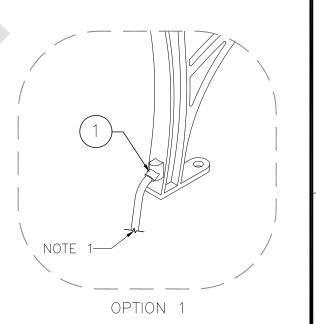
ETAIL 2 — GROUNDING CONNECTION TO REMOVABLE METALLIC HANDRAILS

NOTE 1-

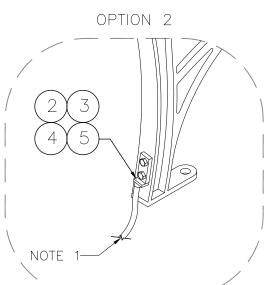


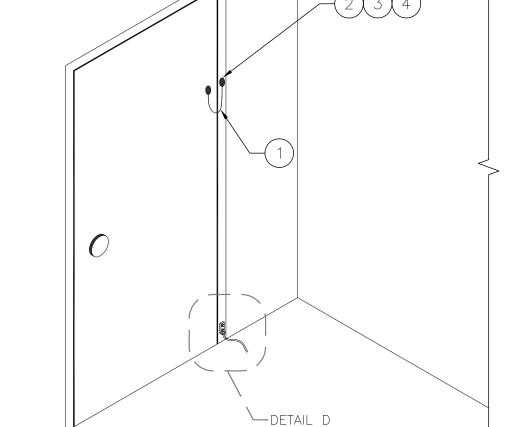


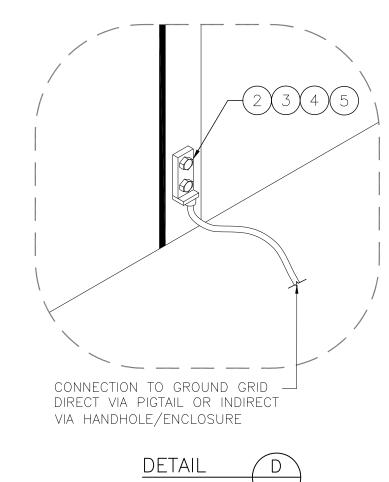
DETAIL 4 - GROUNDING CONNECTION TO FIXED METALLIC RENCH











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	TEM	QTY	UNIT	DESCRIPTION	MANUFACTURER & CAT. NO.		_		O TALD WILTALLIC BLINCH						
& 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 MAN	4	2	EA	WASHER, FLAT, SS, 1/2", A304/A316	(CENEDIC)	3	6	EA	WASHER, SPRING (LOCK), STAINLESS, 1/2", A304/A316	(GENERIC)	3	6	EA	WASHER, SPRING (LOCK), STAINLESS, 1/2", A304/A316	(GENERIC)
SRAM	5	1	EA	BOLT, HEX, SS, 1/2"-13 NC x 1", A304/A316 )	(GENERIC)	4	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		5	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

$\Box$				
PLOTTED   T\GO\CI\07	REFERENCE DRAWINGS	ISSUE REVISIONS		ISIGNED BY:
PL0 <sup>-</sup>			RCW 14/12/11	SXF 14/12/11
_ EP			CHECKED BY: AF	PROVED BY:
ULR 3011		3   15/04/06   FINAL DESIGN	CTG	ZBT
PA		2   15/03/06   100% DESIGN	15/01/16	15/01/16
) BY LE-P	DWG NO. TITLE	1 15/02/09 90% DESIGN	SCALE: NTS FU	LL SIZE ONLY
		0   15/01/16   60% DESIGN		
CO.	DWG NO. TITLE	NO. DATE SSUED FOR REV. DATE		

STRUCTURAL STEEL





## TRACTION ELECTRIFICATION GROUNDING AND BONDING

STANDARD INSTALLATION DESIGN DETAILS PASSENGER STATION FURNITURE

RQQ-2011-PP-032 MXS-200-002 0 10	0/26