

ALUMINUM BALCONY RAILING MOUNTED ON FACE OF BALCONY SLAB

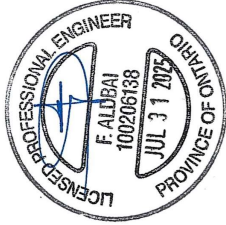
RAILING MASTERS INC.

110 CLAIREPORT CRESCENT Unit #4 ,ETOBICOKE , ON, M9W 6P3

T:(647) 838.7345 E:info@railingmasters.ca

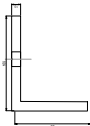
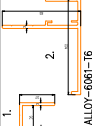
PROJECT: RAILING MASTERS INC. 110 CLAIREPORT CRESCENT Unit #4 ,ETOBICOKE , ON, M9W 6P3 T:(647) 838.7345 E:info@railingmasters.ca	CLIENT: STRUCTURAL CONSULTANT:	NOTES 1. ALL DIMENSIONS ARE IN MILLIMETERS 2. ALL LEVELS ARE IN METERS UNLESS OTHERWISE MENTIONED.	REVISIONS		DRAWING NO. CP	ISSUED TO : ☐ CONCEPT ☐ PRELIMINARY ☐ FOR PERMIT ☐ FOR CONSTRUCTION ☒ FOR SHOP DRAWING ☐ FOR REFERENCE	DRAWING TITLE COVER PAGE	REVISION 02
			No.	Date				
			00	08-07-2025	DESCRIPTION FACED BALCONY RAILING BALLASTRADE DRAWING	DRAWN BY		PROJECT NO.
			01	09-07-2025	Corner handrail connection added	CHECKED BY		SHEET SIZE - A3
			02	21-07-2025	Updated Sleeve and Rail connector	APPROVED BY		SCALE
						DATE OF ISSUE		AS SHOWN

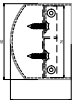
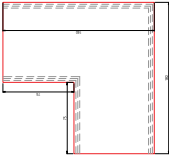
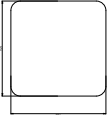
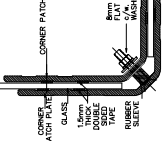
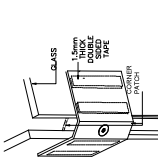
DESIGN NOTES



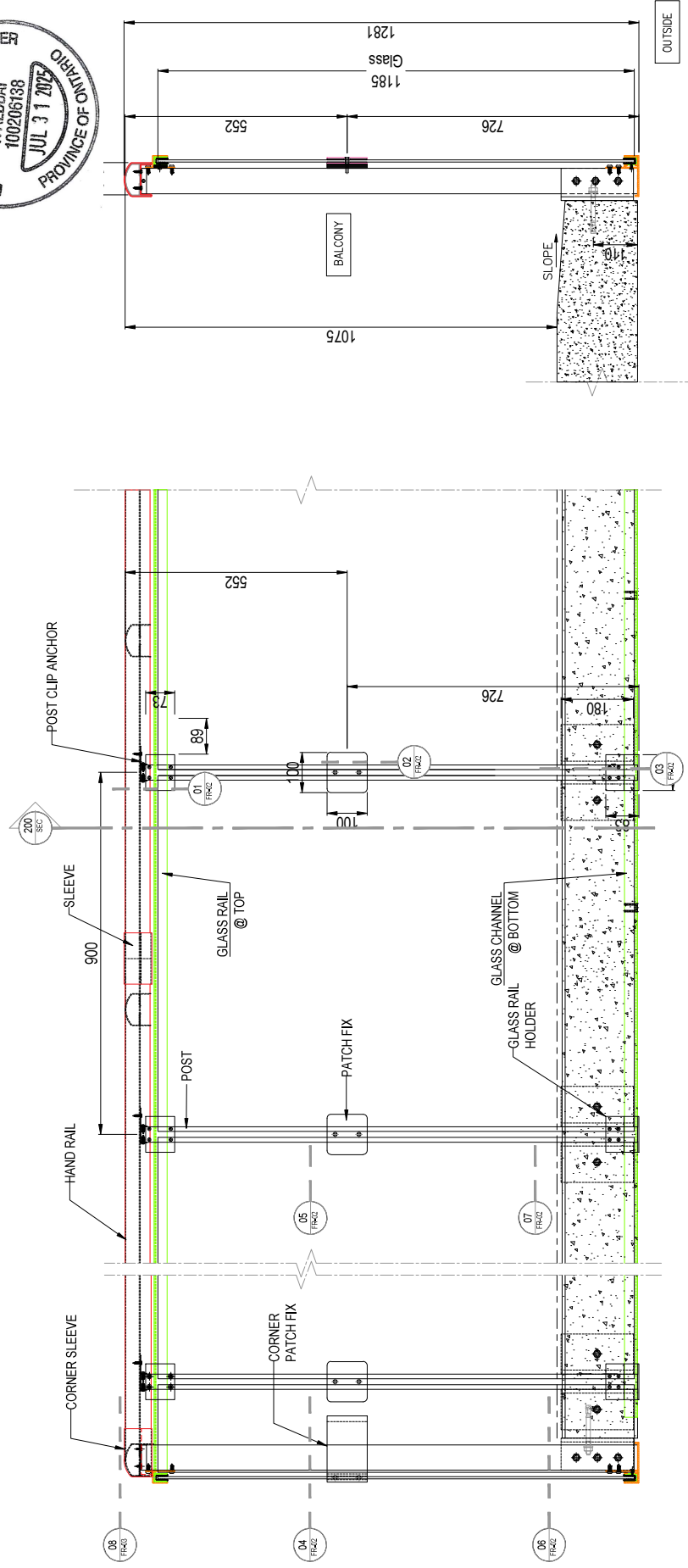
This Review by JRAMCO Inc. for the sole purpose of Framing - Glass and anchors Structural Adequacy in general conformance with CBC and CSA, Project Criteria Design Wind Load = 1.50 kPa, Spacing of post = 900 mm, Height of of post 1234 mm Reviewed by: Fadi Alidai or different criteria, design to be approved by professional engineer

PROJECT: RAILING MASTERS INC. 110 CLAIREPORT CRESCENT Unit #4, ETOBICOKE, ON, M9W 6P3 T: (416) 832-7345 E: info@railingmasters.ca	CLIENT: STRUCTURAL CONSULTANT:	NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETERS. 2. ALL LEVELS ARE IN METERS UNLESS OTHERWISE MENTIONED.	REVISIONS <table><tr><th>REV.</th><th>DATE</th><th>Description</th></tr><tr><td>00</td><td>08-07-2025</td><td>FACE OF SLAB</td></tr><tr><td>01</td><td>08-07-2025</td><td>BALUSTRADE DRAWING Corner handrail connection added</td></tr><tr><td>02</td><td>21-10-2025</td><td>Updated Slab and Rail connector</td></tr></table>	REV.	DATE	Description	00	08-07-2025	FACE OF SLAB	01	08-07-2025	BALUSTRADE DRAWING Corner handrail connection added	02	21-10-2025	Updated Slab and Rail connector	DRAWING NO. DN DRAWN BY: CHECKED BY: APPROVED BY: DATE OF ISSUE:	ISSUED TO: <table><tr><td>☐ CLIENT</td><td>☐ TENDER</td></tr><tr><td>☐ LOD</td><td>☐ GFC DRAWING</td></tr><tr><td>☐ SHOP DRAWING</td><td>☐ ADVANCE COPY</td></tr><tr><td>☐ FOR REFERENCE</td><td></td></tr></table>	☐ CLIENT	☐ TENDER	☐ LOD	☐ GFC DRAWING	☐ SHOP DRAWING	☐ ADVANCE COPY	☐ FOR REFERENCE		DRAWING TITLE DESIGN NOTES	REVISION 02 PROJECT NO. SHEET SIZE - A3 SCALE AS SHOWN
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PROFILE	PROFILE NAME	DESCRIPTION
	PAINTED ALUMINUM ANGLE	(2x) 1/2" LONG HLT. (2x) 1/2" BOLT (1/2" S.S. EXPANSION ANCHOR (80mm) (EMBEDMENT) +/- LOCK & PLAT WASHER
	RAILING POST	POST BOLTED TO ALUMINUM ANGLE WITH (3X) 1/2" - 13. S.S. BOLTS THROUGH POST WITH 1" PAINTED WASHERS & NUTS. BOLTS
	1. TOP GLASS RAIL HOLDER 2. BOTTOM GLASS RAIL HOLDER	GLASS RAIL HOLDER FASTENED TO POST WITH (4X) 1/2" x 1" PAINTED PAN HEAD SELF TAPPING S.S. SCREW FASTENED TO POST .
	GLASS CHANNEL	(2X) 1/2" x 1/2" PAINTED PAN HEAD SELF TAPPING S.S. SCREW FASTENED TO GLASS RAIL HOLDER
	DOUBLE SIDED TAPE	1.5cm DOUBLE SIDED TAPE INSTALLED BETWEEN GLASS RAIL HOLDER AND GLASS CHANNEL
	PVC-HORSE SHOE SHIMS	PVC-HORSE SHOE SHIMS. INSTALLED BETWEEN GLASS RAIL HOLDER AND GLASS RAIL HOLDER
	CHANNEL GASKET	INSERT GASKET INTO GLASS CHANNEL
	ENDS RUBBER GASKET	INSERT GASKET AT EACH SIDE OF THE GLASS
	POST CLIP ANCHOR	POST CLIP ANCHOR INSTALLED AT THE TOP OF POST FASTENED TO EACH SIDE OF THE POST AND TO EACH SIDE OF THE GLASS WITH (2X) 1/2" x 1/2" PAINTED PAN HEAD SELF TAPPING S.S. SCREW
	HAND RAIL	HAND RAIL FASTENED TO POST CLIP ANCHOR WITH (2X) 1/2" x 1/2" PAINTED PAN HEAD SELF TAPPING S.S. SCREW
	EXPANSION JOINT	EXPANSION JOINT TO BE AT EVERY 10' ON HAND RAIL. (2X) 1/2" x 1/2" PAN HEAD SELF TAPPING S.S. SCREW ON ONE SIDE ONLY.
	177mm LONG CONNECTING SLEEVE	CONNECTING SLEEVE TO BE LOCATED WHERE THE HAND RAIL ON EITHER SIDE WILL BE MOUNTED BETWEEN 2 POSTS FASTENED TO HAND RAIL WITH (2X) 1/2" x 1/2" PAN HEAD SELF TAPPING S.S. SCREW/2 SCREWS EACH SIDE .

PROFILE	PROFILE NAME	DESCRIPTION
	END CAP	PAINTED END CAP FASTENED TO S.S. ANGLE WITH (2) #10 x 3/4" PAINTED PAN HEAD SELF TAPPING S.S. SCREW
	S.S. ANGLE	25mmx25mm X 2MM THICKNESS X 76mm LONG S.S. ANGLE FASTENED TO HAND RAIL WITH (2) #10 x 3/4" PAINTED PAN HEAD SELF TAPPING S.S. SCREW AND TO UNDERSIDE OF THE HAND RAIL WITH (2) #10 x 3/4" PAN HEAD SELF TAPPING S.S. SCREW
	160mm LONG CORNER SLEEVE	CORNER SLEEVE FASTENED TO HAND RAIL WITH (4) #10 x 3/4" PAN HEAD SELF TAPPING S.S. SCREW 2 SCREWS EACH DIRECTION
	GLASS PATCH	INSTALL 5mm NEOPRENE GASKET UNDER THE GLASS PATCH TO ALUMINUM FLAT 100mmx100mmx1.5mm DOUBLE SIDE TAPE AT EACH SIDE OF THE GLASS, AND ANOTHER 3mm PAINTED ALUMINUM FLAT 100mmx100mmx1.5mm FASTENED TO THE POST WITH (2) #12 x 1 1/4" PAINTED FLAT HEAD SELF TAPPING S.S. SCREW
	CORNER PATCH ALLOY-6061-T6	CORNER PATCH ALLOY-6061-T6
	GLASS	GLASS 1.5mm DOUBLE TAPE PATCH

RAILING MASTERS INC. 110 CLAREPORT CRESCENT UNIT #4, ETOBICOKE, ON, M9W 6P3 T (647) 638-7245 Email: enquiries@railingsmasters.ca	PROJECT:		CLIENT:	NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETERS. 2. ALL LEVELS ARE IN METERS UNLESS OTHERWISE MENTIONED.	REVISIONS		DRAWING NO.	ISSUED TO:	DRAWING TITLE MATERIALS LIST	REVISION 02 PROJECT NO. SHEET SIZE - A3 SCALE AS SHOWN
	DESIGN ARCHITECTS:				NO.	DATE				
			00	10-07-2025	FACE OF SLAB BALUSTRADE DRAWING		☐ GFC DRAWING	☒ SHOP DRAWING		
			01	10-07-2025	Corner handrail connection added		☐ ADVANCE COPY	☐ DATE OF ISSUE		
			02	21-07-2025	Updated: Stairs and Rail connector		☐ FACE REFERENCE			



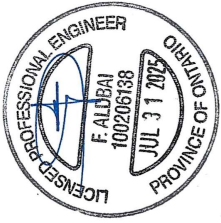
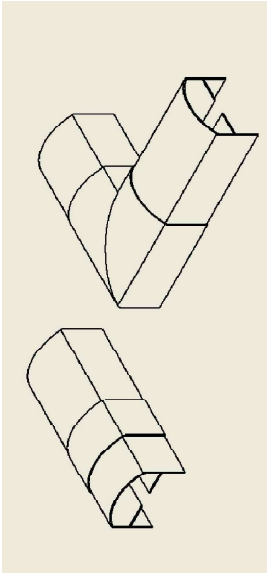
100 FACE MOUNTED GLASS BALUSTRADE ELEVATION
FR-01 SCALE 1:10

200 FACE MOUNTED GLASS BALUSTRIDE SECTION
FR-01 SCALE 1:10

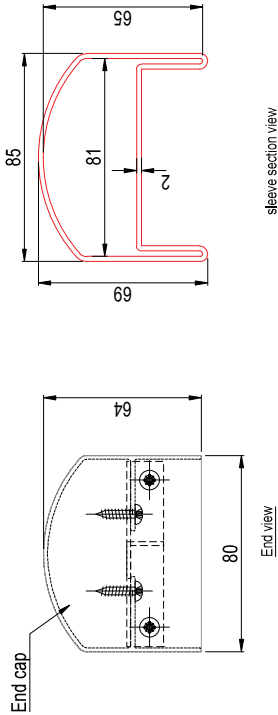
PROJECT: RAILING MASTERS INC. 110 CLAMPERT STREET UNIT 20 TORONTO, ON M6H 6P3 714-971-285-245 Email: info@railingmasters.ca	CLIENT: STRUCTURAL CONSULTANT:	NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETERS. 2. ALL LEVELS ARE IN METERS UNLESS OTHERWISE MENTIONED.	REVISIONS		DRAWING NO.	DRAWING TITLE	REVISION			
			No.	DATE						
			FACE OF SLAB							
			BALUSTRADE DRAWINGS							
			Corner handrail connection added							
			Update: Slab and Rail connector							
DESIGN ARCHITECTS:			00	08-07-2025	DRAWN BY	FACE OF SLAB ELEVATION AND SECTION	PROJECT NO.			
			01	08-07-2025				CHECKED BY	GFC DRAWING	
			Corner handrail connection added							SHED DRAWING
			02	14-07-2025						
								DATE OF ISSUE	FOR REFERENCE	SHEET SIZE - A3 SCALE



RAILING MASTERS INC. 110 CLAIREPORT CRESCENT UNIT #4, ETOBICOKE, ON, M9W 6P3 77(47) 838-7345 Email@railingsmasters.ca	PROJECT: DESIGN ARCHITECTS:	CLIENT: STRUCTURAL CONSULTANT:	NOTES: ALL DIMENSIONS ARE IN MILLIMETERS. 2. ALL LEVELS ARE IN METERS UNLESS OTHERWISE MENTIONED.	REVISIONS		DRAWING NO. FR-02	ISSUED TO : ☐ CONCEPT ☐ PLACE OF SLAB ☐ TRIGGER ☐ GFC DRAWING ☒ SHOP DRAWING ☐ ADVANCE COPY ☐ FOR REFERENCE	DRAWING TITLE FACE OF SLAB RAILING DETAILS	REVISION 02
				No.	DATE				
				Description					
			01	06/07/2025	PLACE OF SLAB BALUSTRADE DRAWING				
			02	21-07-2025	Corner handrail connection added Updated Sleeve and Rail connector				



03
FR-03
SCALE
Handrail sleeve corner and straight 3d views
1:3



04
FR-04
SCALE
Handrail sleeve corner, straight and end cap details
1:3

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			00	09-07-2025	FACE OF SLAB BALLASTRADE DRAWING	FR-02	PROJECT NO.
			01	21-07-2025	Updated Sleeve and Rail connector	CHECKED BY	SHEET SIZE - A3 SCALE AS SHOWN
						APPROVED BY	
						DATE OF ISSUE	