



**Reviewed as
Modified**
exp Services Inc.
January 11, 2016
P.Vegh

For Notes and General
Comments please see
"Design Notes" and
"Table of Contents"
sheets

Teepie Architects™

REVIEWED ()
REVIEWED AS NOTED (X)
REVISE AND RESUBMIT ()
NOT REVIEWED ()
DATE: 2015-12-04
REVIEWED BY: TC

This review by Teepie Architects Inc. is for the sole purpose of ascertaining conformance with the general design concept. This review shall not mean that Teepie Architects Inc. approves the detailed design inherent in the shop drawings, responsibility for which shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of the responsibility for errors or omissions in the shop drawings or of the responsibility for meeting all requirements of the Contracts Documents. The Contractor is responsible for dimensions to be confirmed and correlated at the job site, for information that pertains solely to fabrication processes or to techniques of construction and installation, and for coordination of the work of all trades.

SQ ALEXANDRA PARK CONDOMINIUMS

38 CAMERON STREET
TORONTO, ONTARIO

SHOP DRAWINGS FOR ALUMINUM
BALCONY AND TERRACE RAILINGS
OCTOBER 8, 2015

REVISION

BUILDER: TRIDEL
ARCHITECT: TEEPLE ARCHITECTS



For a total of 28 pages

TORO ALUMINUM
Railings Inc.

DRAWING REVIEW

The review of this drawing does not in any way relieve the contractor of responsibility for its accuracy or for compliance with the contract documents.

☒ No Comment	See Comment
☐ Amend & Resubmit	Rejected See Remark

Submission No.

Project No.

Date: Jan 18, 2016

JABLONSKY AST & PARTNERS
Consulting Engineers
1129 Leslie St. Don Mills ON M3C 2K5

140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

DESIGN NOTES FOR RAILINGS

NOTES

DESIGN CRITERIA

FRAMING MATERIAL SPECS

FASTENER SPECS

GLASS SPECS

CLIMABILITY

DIVIDER SPECS

GENERAL NOTES

DESIGN CRITERIA:

2012 OBC, SECTION 4.1.5.14, REQUIRES THE FOLLOWING LOADS ON THE GUARD RAILS:

1. THE MINIMUM SPECIFIED HORIZONTAL LOAD APPLIED INWARD AND OUTWARD AT THE TOP OF EVERY REQUIRED GUARD SHELL BE: (c): 0.75 kN/m (51.4 LBS/FT) OR A CONCENTRATED LOAD OF 1.0 kN (225 LBS) APPLIED AT ANY POINT. WHICHEVER GOVERNS, FOR LOCATIONS OTHER THAN DESCRIBED IN CLAUSES (a) AND (b).
2. INDIVIDUAL ELEMENTS WITHIN THE GUARD, INCLUDING SOLID PANELS AND PICKETS, SHALL BE DESIGNED FOR A LOAD OF 0.5 kN (113 LBS) APPLIED OVER AN AREA OF 100mm BY 100mm LOCATED AT ANY POINT IN THE ELEMENTS OR ELEMENTS SO AS TO PRODUCE THE MOST CRITICAL EFFECT.
3. THE LOAD REQUIRED IN SENTENCE (2) NEED NOT TO BE CONSIDERED TO ACT SIMULTANEOUSLY WITH THE LOADS PROVIDED FOR IN SENTENCES (1) AND (4).
4. THE MINIMUM SPECIFIED LOAD APPLIED VERTICALLY AT THE TOP OF EVERY REQUIRED GUARD SHALL BE 1.5 kN/m (102.9 LBS/ FT) AND NEED NOT BE CONSIDERED TO ACT SIMULTANEOUSLY WITH THE HORIZONTAL LOAD PROVIDED FOR IN SENTENCE (1).
5. ALL RAILINGS TO BE BASED ON COMBINATION LOADING $1.4W + 0.5L$ OR $1.5L + 0.4W$ WHICH EVER PROVES THE HIGHEST LOADING.
6. SUPPLEMENTARY CODE SB-13 DATED JULY 1, 2012 WAS TAKEN IN TO CONSIDERATION DURING RAIL DESIGN.

FRAMING MATERIAL SPECS:

- ALL FRAMING MATERIALS INCLUDING POST (RAILINGS AND DIVIDERS), SHOES, AND ANGLES TO BE ALUMINUM EXTRUSIONS OF ALLOY 6061-T6 AND IN COMPLIANCE WITH CAN3-S157-M83.
- ALL ARCHITECTURAL MATERIALS INCLUDING TOP CAPS AND GLASS CHANNELS TO BE ALUMINUM EXTRUSIONS OF ALLOY 6063-T6 AND COMPLIANCE WITH CAN3-S157-M83.
- ALL MATERIALS TO BE UNDAMAGED AND IN GOOD WORKING CONDITION.
- MAXIMUM POST SPACING TO BE AS DETAILED.
- ALL POSTS TO BE 51mm x 38mm (2"x1½") WITH 5.59mm (0.220") THICK END WALLS AND 3.18mm (0.125") THICK SIDE WALLS. (APPLIES TO GUARD POSTS. UNLESS OTHERWISE SPECIFIED ON DETAILS)
- GLASS CHANNELS TO BE 4.8mm (0.1875") THICK EXTRUDED ALUMINUM.
- TOP RAIL TO BE TWO PIECE WITH A 76mm (3") WIDE BY 57mm (2¼") DEEP TOP SECTION CONSTRUCTED OF 2.03mm (0.080") THICK EXTRUDED ALUMINUM AND A 2.95mm (0.116") THICK EXTRUDED ALUMINUM LOWER SECTION.
- TOP OF THE GUARD TO BE MINIMUM 1070mm (42½") ABOVE FINISHED FLOOR.

FASTENER SPECS:

- ALL RAILING SCREWS TO BE #10 OR #12 AS SPECIFIED HIGH STRENGTH STAINLESS STEEL.
- ALL BOLTS, WASHERS AND NUTS SHALL BE AISI 304 STAINLESS STEEL AND COMPLY TO ASTM SPECIFICATIONS A276, A493, F594, A240
- FASTENERS TO BE INSTALLED AS PER MANUFACTURER'S INSTRUCTION AND IN COMPLIANCE WITH SHOP DRAWINGS.
- WEDGE BOLTS TO BE HILTI KWIK BOLT TZ EXPANSION ANCHOR STAINLESS STEEL 304 OR AN APPROVED EQUIVALENT.
- THREADED RODS WITH ITW EPCON A7 ACRYLIC ADHESIVE OR AN APPROVED EQUIVALENT.
- TOP AND BOTTOM RAILS TO BE CONNECTED TO EVERY POST WITH TWO #10 S.S. SCREWS.
- ALL CORNERS TO BE TIED TOGETHER USING AN ALUMINUM ANGLE AND TWO #10 STAINLESS STEEL SCREWS ON EACH SIDE.
- THE TWO TOP RAIL SECTIONS ARE TO BE CONNECTED TOGETHER USING ROWS OF #10 OR #12 AS SPECIFIED STAINLESS STEEL SCREWS
- ALL WELDS TO BE PERFORMED BY A CERTIFIED WELDER AND COMPLY TO CSA W59.2

GLASS SPECS:

- ALL GLASS TEMPERED OR LAMINATED GLASS TO COMPLY TO CAN/CGSB-12.1-M90 STANDARD.
- ALL TEMPERED GLASS LOCATED WITHIN 6" OF THE BALCONY EDGE TO BE HEAT SOAKED.
- ALL GLASS TO CONFORM TO SUPPLEMENTARY CODE SB-13 DATED JULY 13, 2012
- ALL LAMINATED GLASS MUST BE DESIGNED FOR POST BREAKAGE RETENTION. RETENTION OF THE BROKEN GLASS UNIT DOES NOT INDICATE THAT THE UNIT IS STILL STRUCTURALLY ADEQUATE TO SUPPORT ANY APPLIED LOADING. ONCE BROKEN, THE GLAZING IS TO BE IMMEDIATELY REPLACED AS IT IS NO LONGER STRUCTURALLY ADEQUATE TO ACT AS A GUARD OR SUPPORT APPLIED WIND LOADS.

CLIMABILITY:

- ALL BUILDING COMPONENTS LOCATED NEAR THE BALCONY AND TERRACE RAILINGS MUST BE DESIGNED TO BE NON-CLIMBABLE. IT IS ARCHITECT'S RESPONSIBILITY TO ENSURE THE DESIGN OF THE BUILDING IS SUCH THAT NO ITEMS DEEMED CLIMBABLE EXIST NEAR ANY BALCONY OR TERRACE RAILINGS THIS INCLUDES BUT IS NOT LIMITED TO WINDOW SILLS, PRECAST CONCRETE PANELS, PLANTERS, ETC...
- AS PER 2012 ONTARIO BUILDING CODE SECTIONS 3.3.1.17.5 AND 3.4.6.6.8 AND 9.8.8.6.1. THE RAILING DESIGN IS TO HAVE NO CLIMBABLE COMPONENTS LOCATED BETWEEN 140mm (5.5") AND 900mm (35.4") ABOVE THE FINISHED FLOOR LEVEL.
- ALL HORIZONTAL ITEMS LOCATED WITHIN THE CLIMBABLE REGION OF THE RAILING, INCLUDING BUT NOT LIMITED TO BOLTS, WASHERS, NUT, ANGLES ETC... ARE TO BE LIMITED TO A MAXIMUM 15mm (0.59") HORIZONTAL DIMENSION AS PER SECTION 9.8.8.6B OF THE 2006 ONTARIO BUILDING CODE.
- ALL OPENINGS LOCATED WITHIN THE CLIMBABLE REGION OF THE RAILING ARE TO BE LIMITED TO A MAXIMUM HORIZONTAL DIMENSION OF 45mm (1.77") AND A MAXIMUM VERTICAL DIMENSION OF 20mm (0.79") AS PER SECTION 9.8.8.6C OF THE 2006 ONTARIO BUILDING CODE.

DIVIDER SPECS:

- IT IS THE ARCHITECT'S AND GENERAL CONTRACTOR'S RESPONSIBILITY TO INSURE ALL CONCRETE PADS AND CURBS ARE STRUCTURALLY ENGINEERED TO SUPPORT THE LOADING THE DIVIDER APPLY TO THEM.
- ALL DIVIDER PADS AND CURBS TO BE MINIMUM OF 27.6MPa (4000 psi) CONCRETE.
- IT IS THE ARCHITECT'S AND GENERAL CONTRACTOR'S RESPONSIBILITY TO INSURE ALL DIVIDER PADS AND CURBS HAVE A MINIMUM WIDTH, AS SHOWN IN SHOP DRAWINGS, TO ALLOW FOR ADEQUATE EDGE DISTANCE FOR THE CONCRETE FASTENERS. FAILURE TO PROVIDE AN ADEQUATELY SIZED CONCRETE PADS AND OR CURB RESULT IN FAILURE OF THE DIVIDER.

GENERAL NOTES:

- DO NOT SCALE DRAWINGS.
- REPORT ALL DISCREPANCIES TO THE CONSULTANT.
- ALL POST SPACING SHOWN ON BALCONY LAYOUTS ARE APPROXIMATE. SITE MEASUREMENTS WILL DETERMINE EXACT DIMENSIONS.
- ANCHOR BOLT DESIGN IS BASED ON STRUCTURALLY SOUND CONCRETE WITH A MINIMUM 27.6 MPa (4000 psi) COMPRESSIVE STRENGTH.
- ALL BUILDING COMPONENTS, TO WHICH RAILINGS ARE ANCHORED, MUST BE DESIGNED TO ACCEPT ALL TRANSFERRED LOAD FROM THE RAILING. (BY OTHERS)
- THERE ARE TO BE NO CHANGES FROM THE APPROVED SHOP DRAWINGS WITHOUT THE WRITTEN APPROVAL OF THE TORO'S DESIGN ENGINEER.
- THE ARCHITECT SHOULD ENSURE THAT NO ARCHITECTURAL FEATURES OR ATTACHMENTS (e.g. PLANTER, SILLS...ETC) MAY FACILITATE CLIMBING TO THE RAILINGS SHOWN ON THESE SHOP DRAWINGS.

This set of shop drawings (total of 28 sheets in this set) dated October 8, 2015 (Cover Sheet, Design Notes, Table of Contents, Drawings 1 to 25) has been reviewed and noted as "Reviewed as Modified" by exp for OBC Supplementary Standard SB-13 requirements only. No analysis, design checks and/or review of the structural design, in accordance with Part 4 of the OBC or review for safety requirements in accordance with Part 3 of the OBC have been done by exp. The drawings have been not been stamped by a Professional Engineer (R. Haddad, P.Eng. of Prohaska Engineering on Nov 25, 2015) They have been reviewed and noted as "Reviewed as Noted" by Teeple Architects (Dec 4, 2015).

Notations by exp are considered typical and have not been repeated for all relevant details shown on the drawings. This review has been conducted with the provision that exp has been retained to review random samples of the installation of the railings on site and conduct necessary testing.

Please see Table of Contents sheet for "General Comments".

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



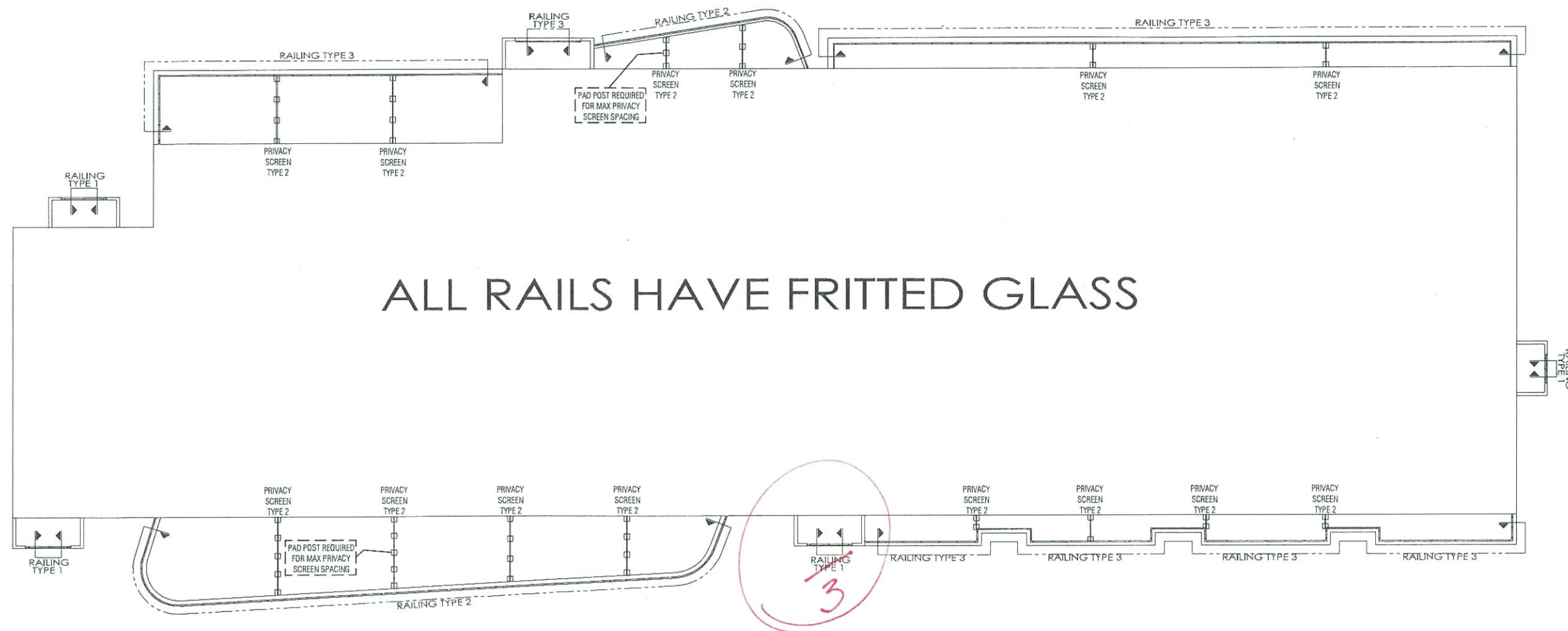
For Structural adequacy of guards and their connections only. Design considers load combinations (wind and guard) as per OBC 2006 combination requirements, as well as SB-13 requirements (where laminated glass requires post-breakage retention, 4-side captured supports were provided. However, theoretical confirmation of the structural capacity of post-breakage retention cannot be determined at this time, as such industry-standard information is not available). Prohaska Engineering is not responsible for the consequences of glass breakage.

TORO ALUMINUM
Railings Inc.
140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS
No.	DATE	REVISIONS	BY

TITLE:	
NOTES	
DESCRIPTION: SQ ALEXANDRA PARK	
AREA: 38 CAMERON STREET TORONTO, ON	
PLOT DATE: OCTOBER 8, 2015	SCALE:
COMPANY PROJECT No: 12-115	DRAWING No:
TORO PROJECT No:	
DRAWN BY: G.S.	CHECKED BY: A.K.

TITLE:	
TABLE OF CONTENTS	
DESCRIPTION:	
SQ CAMERON ALEXANDRA PARK	
AREA:	
38 CAMERON STREET TORONTO, ON	
PLDT DATE:	SCALE:
OCTOBER 8, 2015	
COMPANY PROJECT No:	DRAWING No:
12-115	
TORO PROJECT No:	
DRAWN BY:	CHECKED BY:
G.S.	A.K.



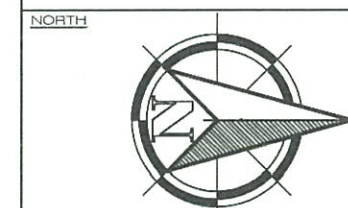
ALL RAILS HAVE FRITTED GLASS

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM Railings Inc.
 140 APPLEWOOD CRESENT
 CONCORD, ONTARIO L4K 4E2
 TELEPHONE: 905.761.1789
 FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EY
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE:
BALCONY & TERRACE RAILING POST LAYOUT
2nd FLOOR PLAN

DESCRIPTION:
SQ ALEXANDRA PARK

AREA:
38 CAMERON STREET
TORONTO, ON

PLOT DATE:
OCTOBER 8, 2015

SCALE:
1:275

COMPANY PROJECT No:
12-115

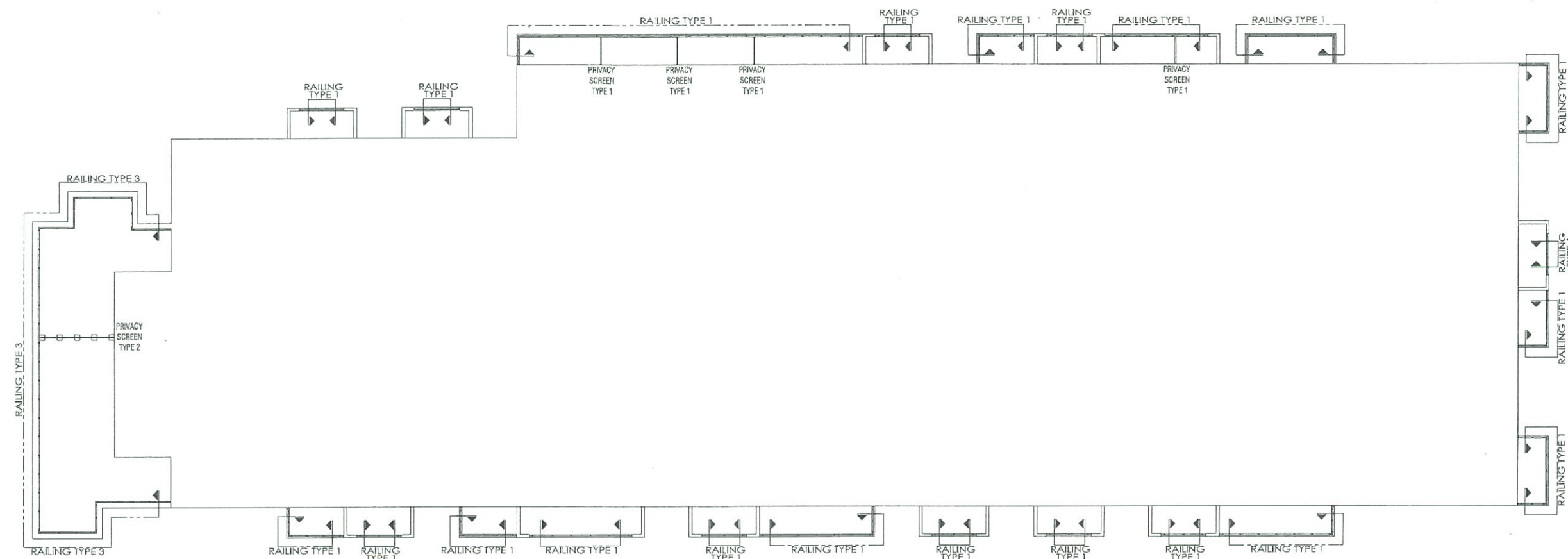
TORO PROJECT No:

DRAWN BY:
G.S.

CHECKED BY:
A.K.

DRAWING No:
1

1 BALCONY & TERRACE RAILING POST LAYOUT 2nd FLOOR PLAN
 1 SCALE 1:275



GENERAL NOTES

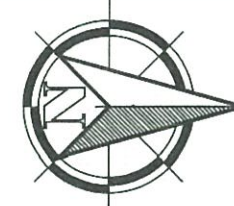
THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



NORTH



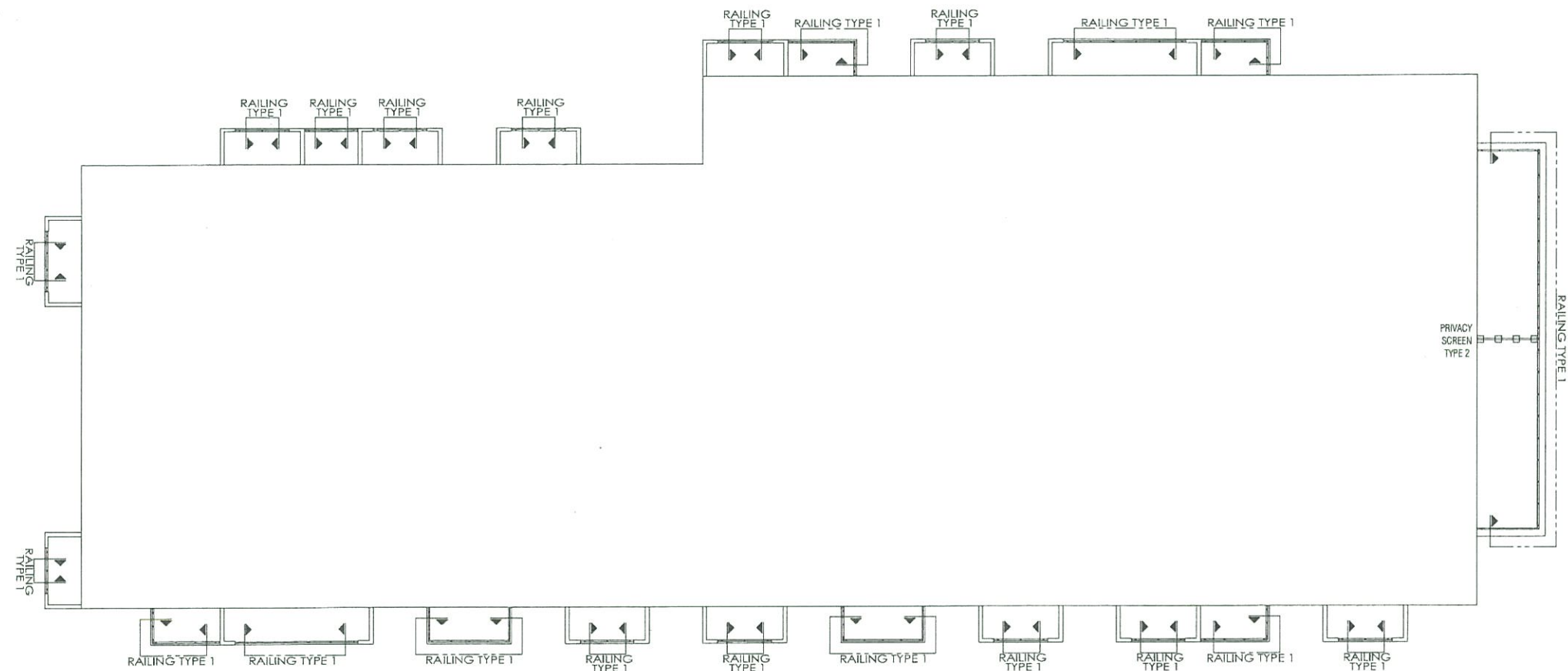
No.	DATE	REVISION	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE:	BALCONY & TERRACE RAILING POST LAYOUT 5th FLOOR PLAN
DESCRIPTION:	SQ ALEXANDRA PARK
AREA:	38 CAMERON STREET TORONTO, ON
PLOT DATE:	OCTOBER 8, 2015
SCALE:	1:275
COMPANY PROJECT No:	12-115
TORO PROJECT No:	
DRAWN BY:	G.S.
CHECKED BY:	A.K.

4

1 BALCONY & TERRACE RAILING POST LAYOUT 5th FLOOR PLAN
4 SCALE 1:275

1 BALCONY & TERRACE RAILING POST LAYOUT 6th FLOOR PLAN
5 SCALE 1:275



GENERAL NOTES

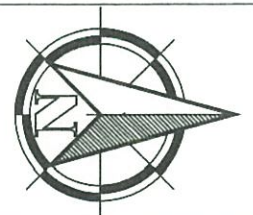
THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



NORTH



TORO ALUMINUM
Railings Inc.
140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE:
BALCONY & TERRACE RAILING POST LAYOUT
7th FLOOR PLAN

DESCRIPTION: SQ ALEXANDRA PARK

AREA: 38 CAMERON STREET
TORONTO, ON

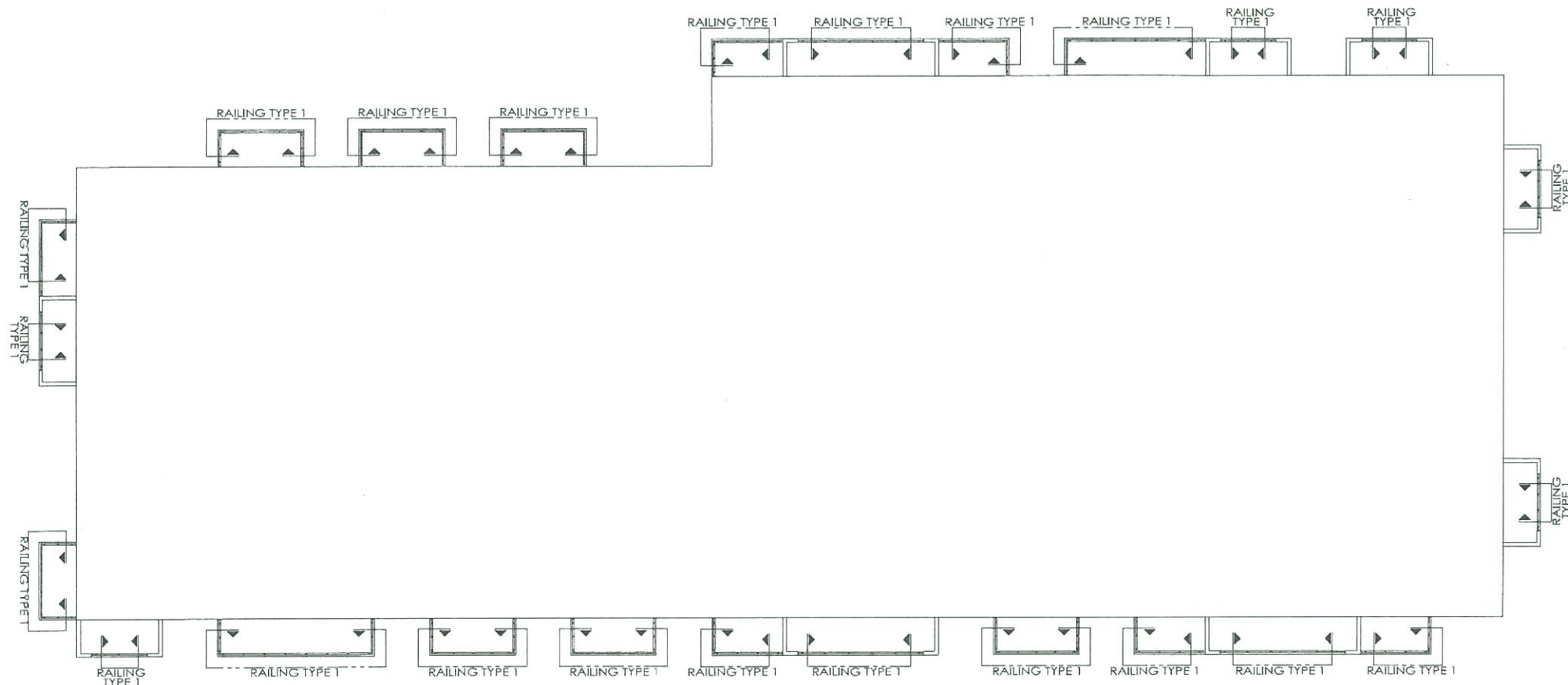
PLOT DATE: OCTOBER 8, 2015 SCALE: 1:275

COMPANY PROJECT No: 12-115 DRAWING No: 6

TORO PROJECT No:

DRAWN BY: G.S. CHECKED BY: A.K.

1
6 BALCONY & TERRACE RAILING POST LAYOUT 7th FLOOR PLAN
SCALE 1:275



GENERAL NOTES

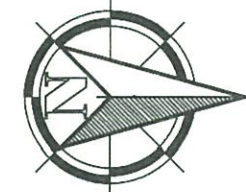
THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



NORTH



TORO ALUMINUM
Railings Inc.
140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

NO.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE: BALCONY RAILING POST LAYOUT
8th FLOOR PLAN

DESCRIPTION: SQ ALEXANDRA PARK

AREA: 38 CAMERON STREET
TORONTO, ON

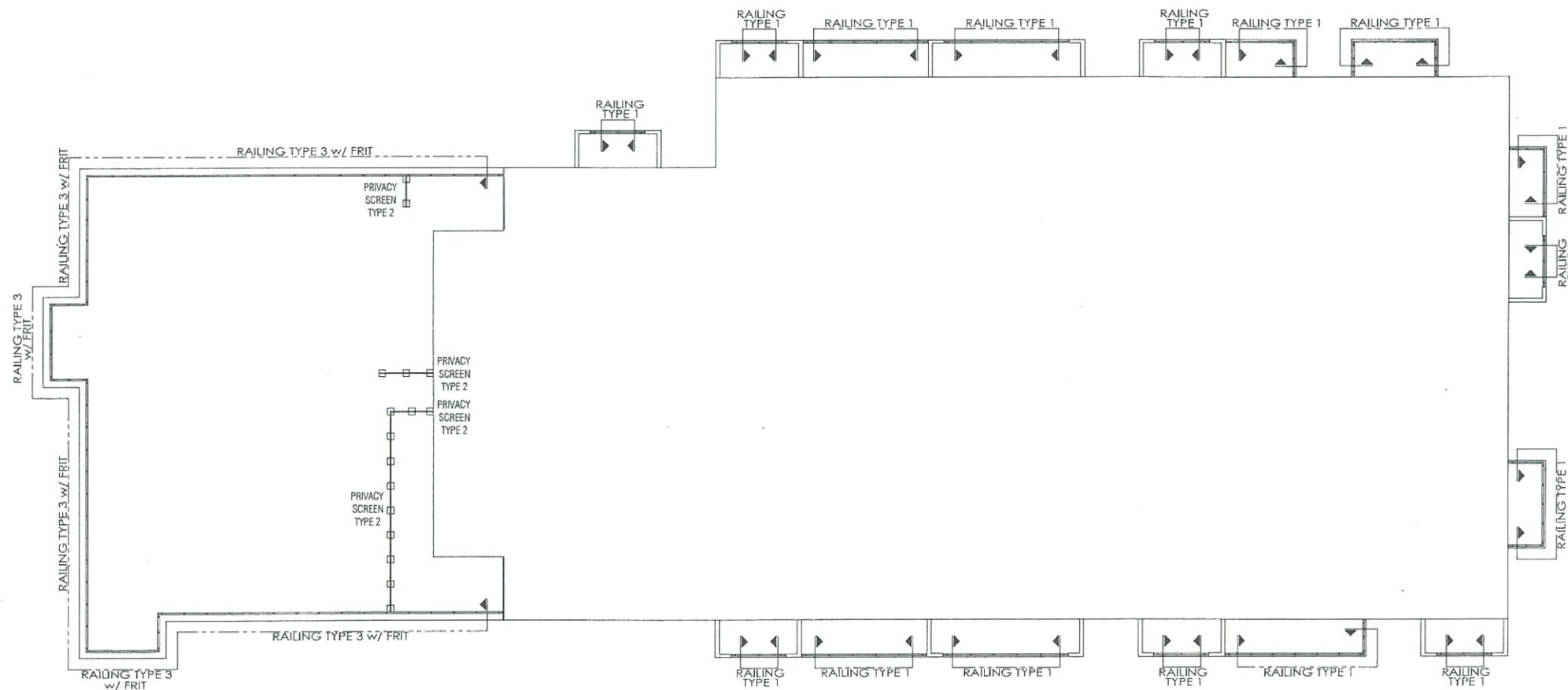
PLAT DATE: OCTOBER 8, 2015 SCALE: 1:275

COMPANY PROJECT No: 12-115 DRAWING No: 7

TORO PROJECT No:

DRAWN BY: G.S. CHECKED BY: A.K.

1
7 BALCONY RAILING POST LAYOUT 8th FLOOR PLAN
SCALE 1:275



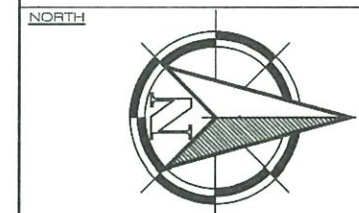
GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC.

REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS. ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM Railings Inc.

140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

NO.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	06/05/15	DRAWING ESTABLISHED	GS

TITLE:
BALCONY & TERRACE RAILING POST LAYOUT
9th FLOOR PLAN

DESCRIPTION:
SQ ALEXANDRA PARK

AREA:
38 CAMERON STREET
TORONTO, ON

PLOT DATE:
OCTOBER 8, 2015

SCALE:
1:275

COMPANY PROJECT No:
12-115

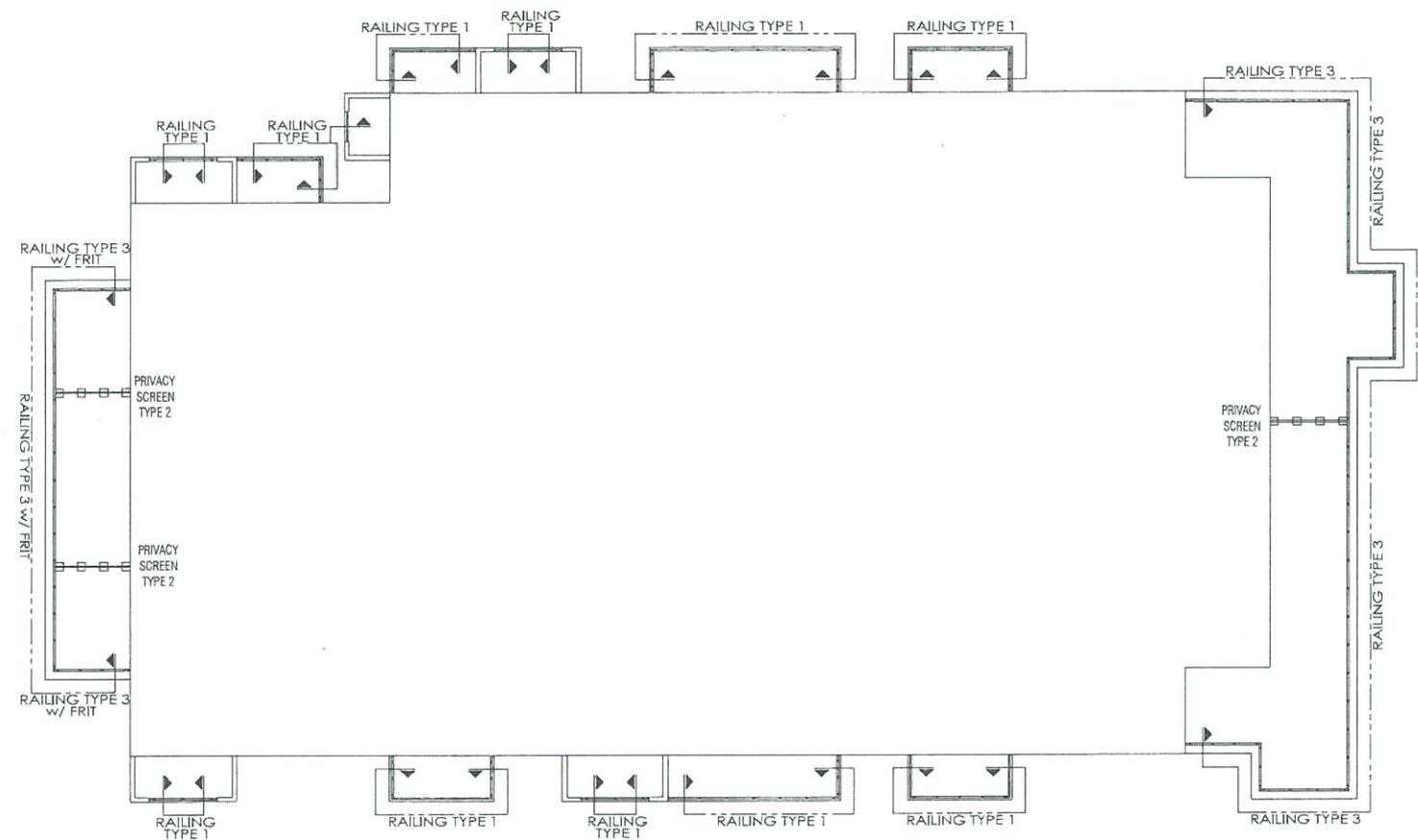
TORO PROJECT No:

DRAWN BY:
G.S.

CHECKED BY:
A.K.

DRAWING No:
8

BALCONY & TERRACE RAILING POST LAYOUT 9th FLOOR PLAN
SCALE 1:275

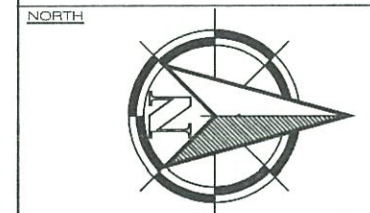


GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM
Railings Inc.

140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE:
BALCONY & TERRACE RAILING POST LAYOUT
10th FLOOR PLAN

DESCRIPTION:
SQ ALEXANDRA PARK

AREA:
38 CAMERON STREET
TORONTO, ON

PLOT DATE:
OCTOBER 8, 2015

SCALE:
1:275

COMPANY PROJECT No:
12-115

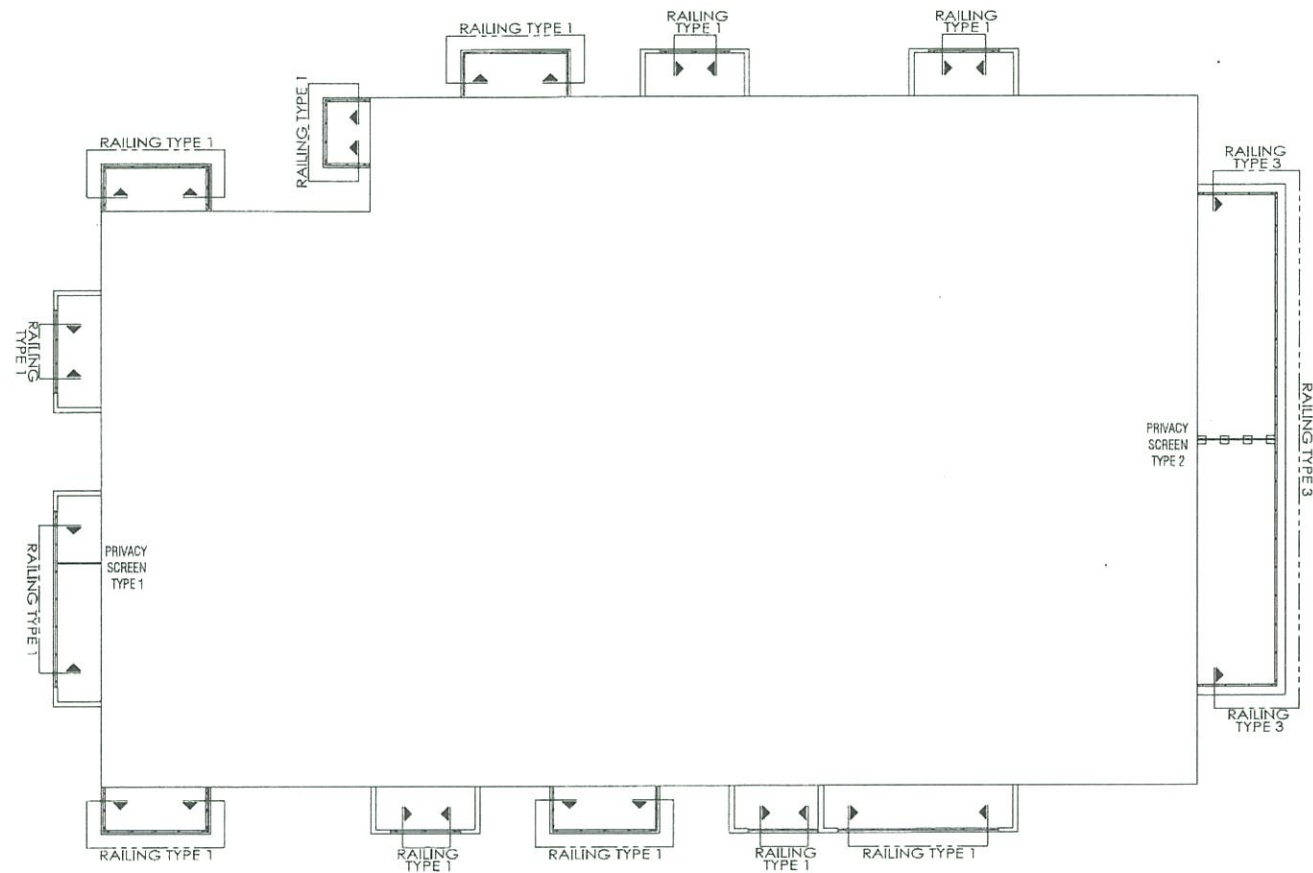
TORO PROJECT No:

DRAWN BY:
G.S.

CHECKED BY:
A.K.

DRAWING No:
9

1
9 BALCONY & TERRACE RAILING POST LAYOUT 10th FLOOR PLAN
SCALE 1:275

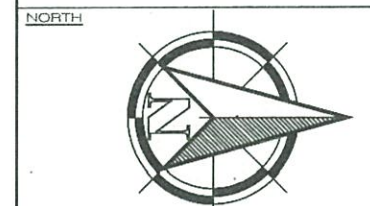


GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.

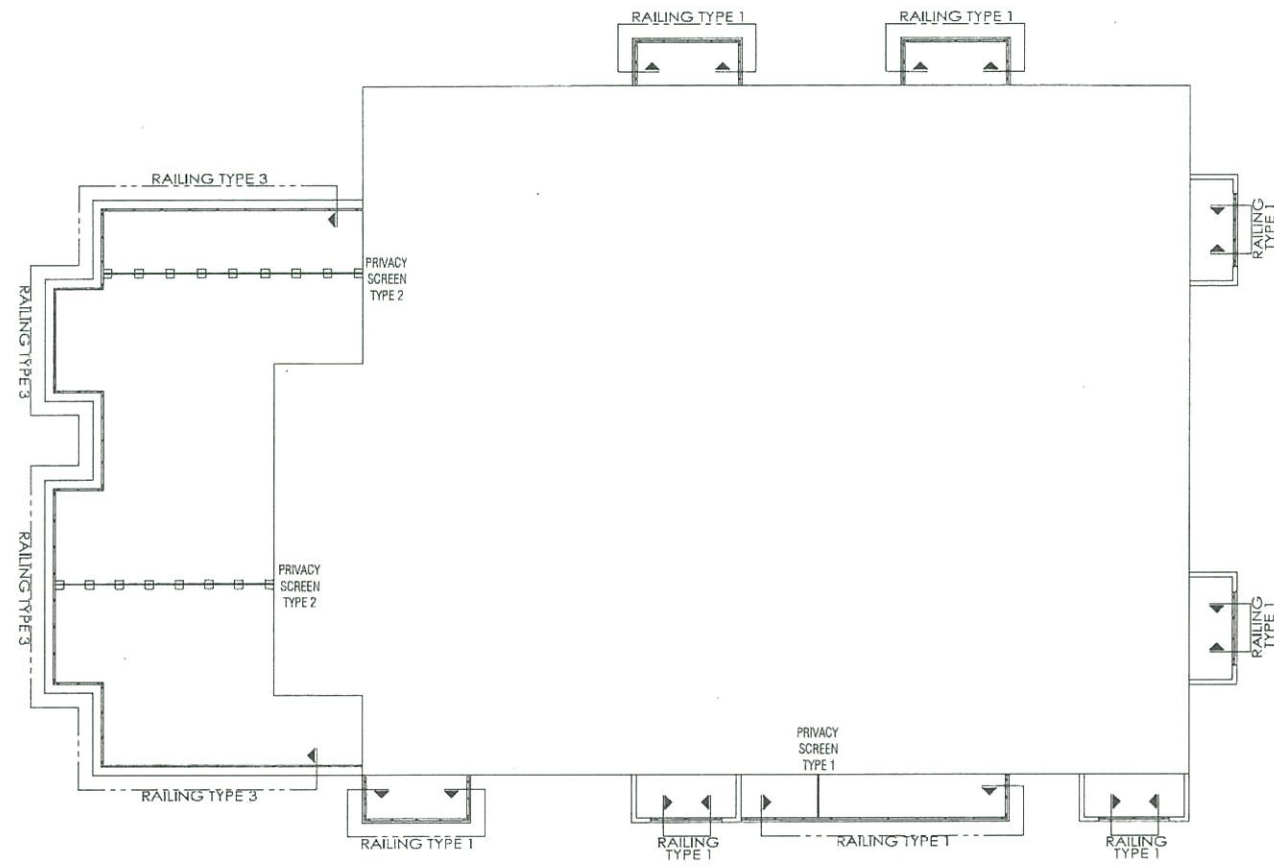


TORO ALUMINUM
Railings Inc.
140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	OS

TITLE: BALCONY & TERRACE RAILING POST LAYOUT 11th FLOOR PLAN	
DESCRIPTION: SQ ALEXANDRA PARK	
AREA: 38 CAMERON STREET TORONTO, ON	
PLOT DATE: OCTOBER 8, 2015	SCALE: 1:275
COMPANY PROJECT No: 12-115	DRAWING No: 10
TORO PROJECT No:	
DRAWN BY: G.S.	CHECKED BY: A.K.

BALCONY & TERRACE RAILING POST LAYOUT 11th FLOOR PLAN
SCALE 1:275

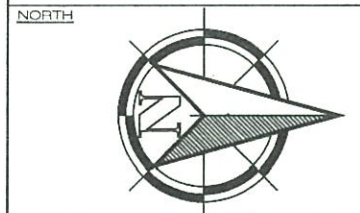


GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM Railings Inc.
 140 APPLEWOOD CRESENT
 CONCORD, ONTARIO L4K 4E2
 TELEPHONE: 905.761.1789
 FAX: 905.761.1764

REV.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 -- AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE:
BALCONY & TERRACE RAILING POST LAYOUT
12th FLOOR PLAN

DESCRIPTION:
SQ ALEXANDRA PARK

AREA:
38 CAMERON STREET
TORONTO, ON

PLOT DATE:
OCTOBER 8, 2015

SCALE:
1:275

COMPANY PROJECT No:
12-115

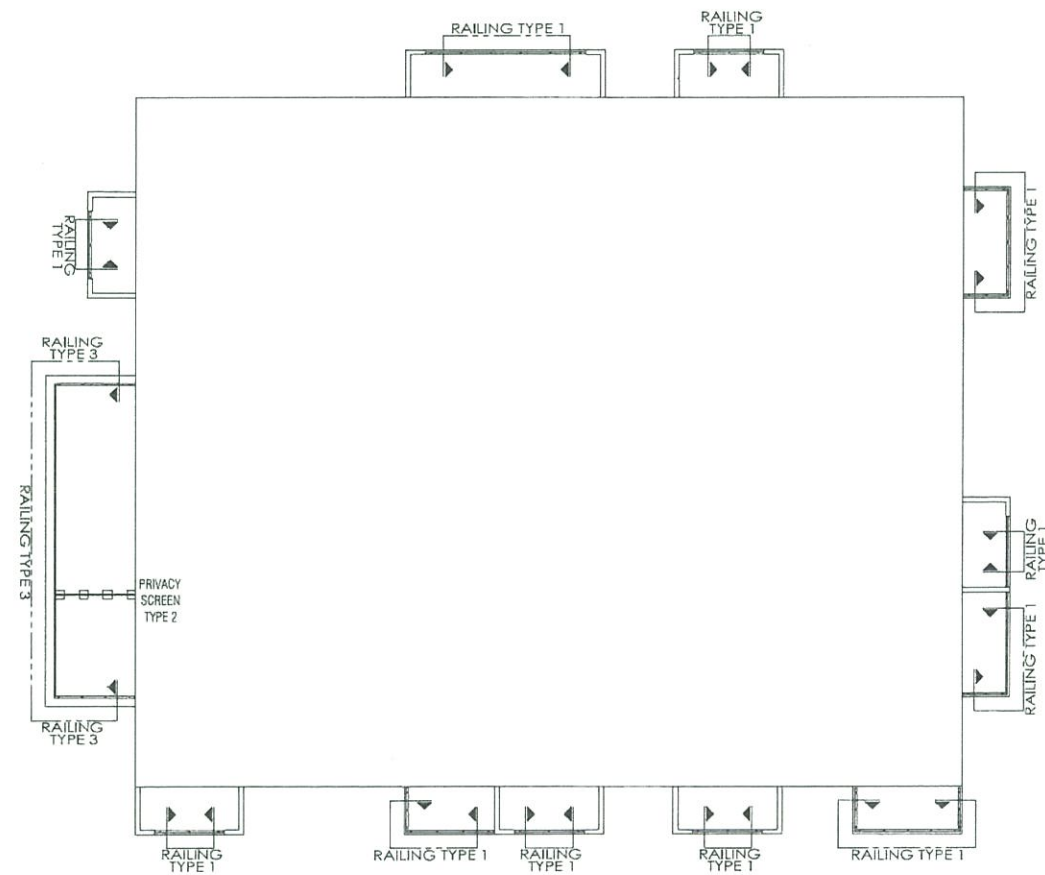
TORO PROJECT No:

DRAWN BY:
G.S.

CHECKED BY:
A.K.

DRAWING No:
11

1 BALCONY & TERRACE RAILING POST LAYOUT 12th FLOOR PLAN
 SCALE 1:275

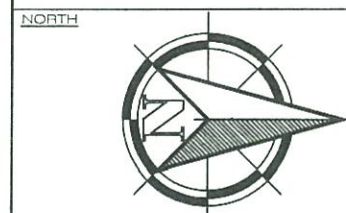


GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM Railings Inc.
 140 APPLEWOOD CRESENT
 CONCORD, ONTARIO L4K 4E2
 TELEPHONE: 905.761.1789
 FAX: 905.761.1764

No.	DATE	REVISION	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE:
BALCONY & TERRACE RAILING POST LAYOUT
13th FLOOR PLAN

DESCRIPTION:
SQ ALEXANDRA PARK

AREA:
38 CAMERON STREET
TORONTO, ON

PLOT DATE:
OCTOBER 8, 2015

SCALE:
1:275

COMPANY PROJECT No:
12-115

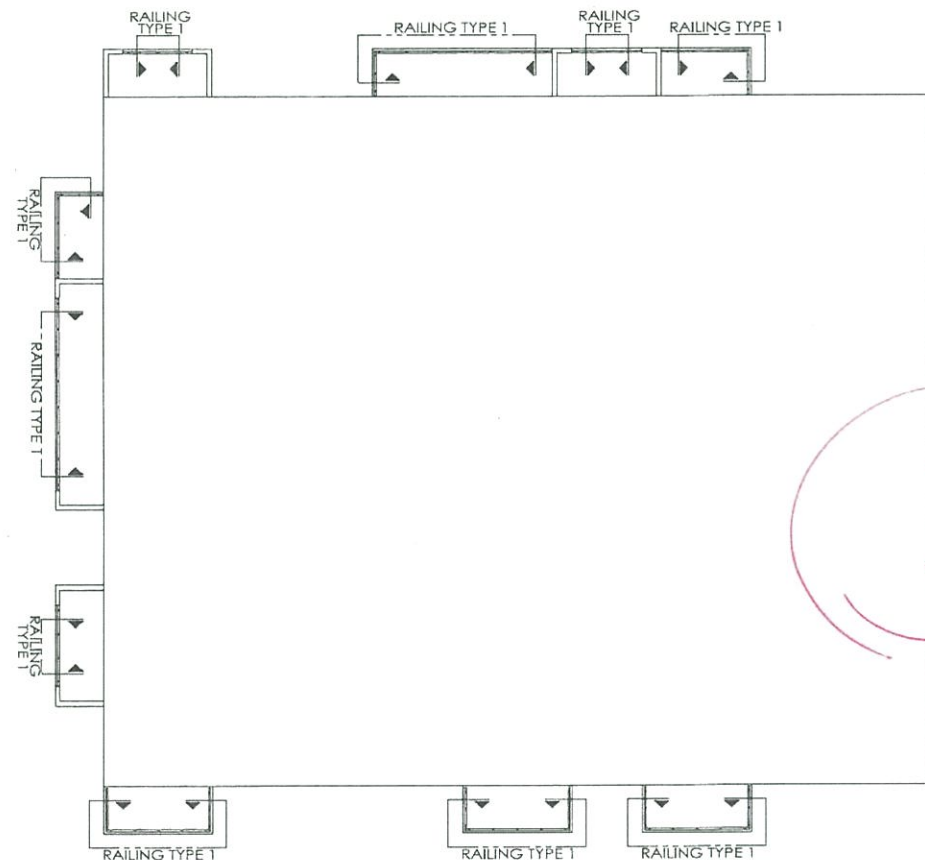
TORO PROJECT No:

DRAWN BY:
G.S.

CHECKED BY:
A.K.

DRAWING No:
12

BALCONY & TERRACE RAILING POST LAYOUT 13th FLOOR PLAN
 SCALE 1:275



SLAB COVER PANELS
STILL REQUIRED HERE;
GLASS GUARD ABOVE
CAN BE DELETED;
DETAIL SIMILAR TO
BALCONY RAILING SECTION
TYPE 1 BUT WITHOUT
GLASS GUARD PORTION.

GENERAL NOTES

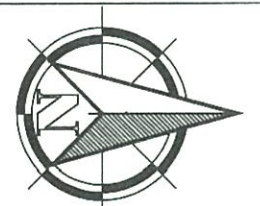
THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



NORTH



TORO ALUMINUM
Railings Inc.
140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE: BALCONY RAILING POST LAYOUT
14th FLOOR PLAN

DESCRIPTION: SQ ALEXANDRA PARK

AREA: 38 CAMERON STREET
TORONTO, ON

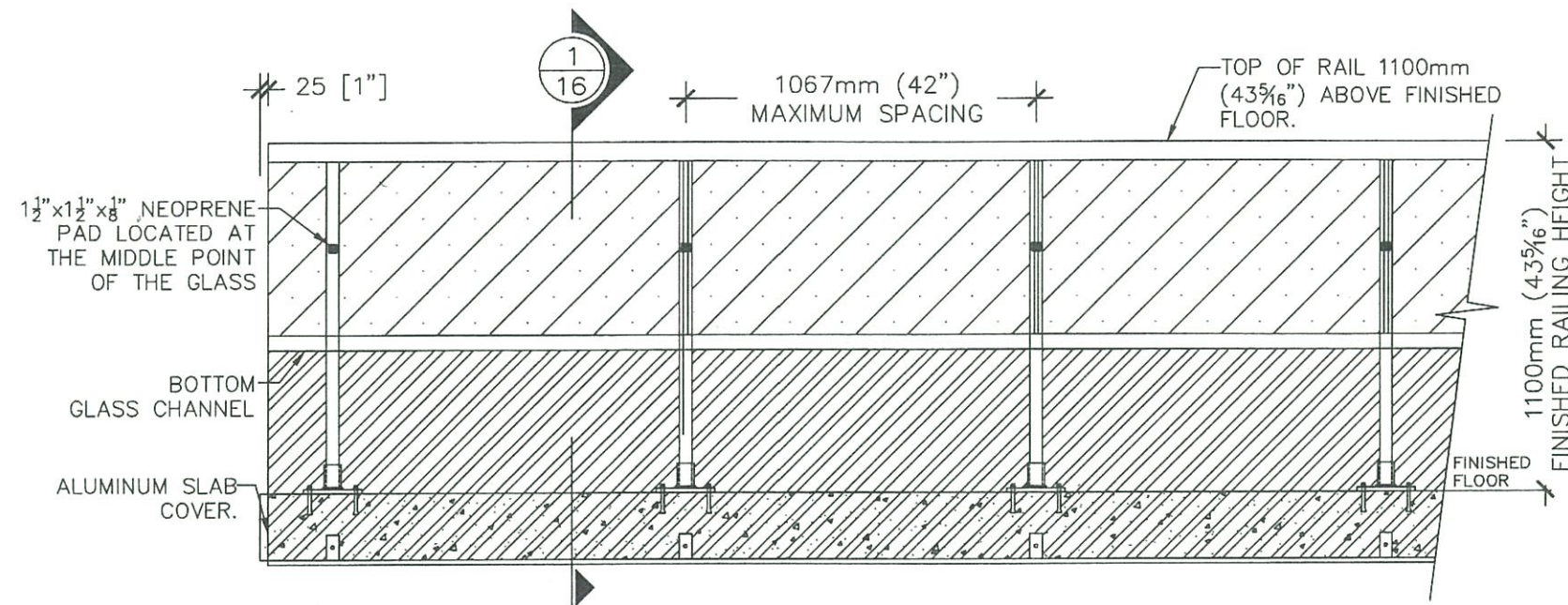
PLOT DATE: OCTOBER 8, 2015 SCALE: 1:275

COMPANY PROJECT No: 12-115 DRAWING No: 13

TORO PROJECT No:

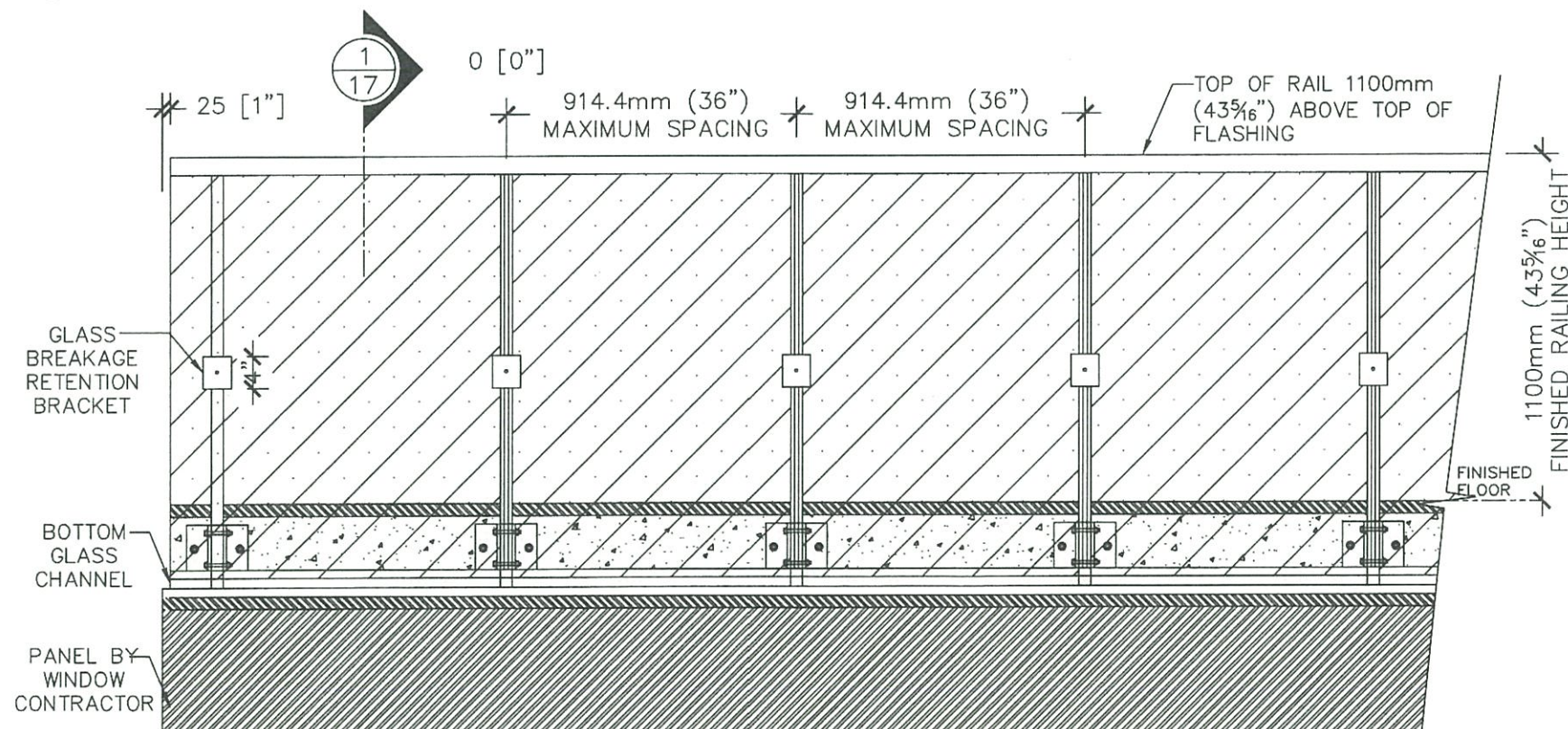
DRAWN BY: G.S. CHECKED BY: A.K.

1
13 BALCONY RAILING POST LAYOUT 14th FLOOR PLAN
SCALE 1:275



INFILL PANELS ARE TO BE 6mm ($\frac{1}{4}$ ") TEMPERED HEAT SOAKED GLASS. THE TOP OF RAILING IS TO BE 1100mm ($43\frac{5}{16}$ ") ABOVE FINISHED FLOOR. ALL POSTS ARE TO BE 38mmx51mm ($1\frac{1}{2}$ "x2") WITH A MAXIMUM POST SPACING TO BE 1067mm (42") O.C.

1 BALCONY RAILING ELEVATION TYPE 1
SCALE 1:20



INFILL PANELS ARE TO BE 8mm ($\frac{5}{16}$ ") LAMI.GLASS. PIECE 1: 4mm CLEAR HEAT STRENGTHENED GLASS. PIECE 2: 4mm CLEAR HEAT STRENGTHENED GLASS LAMINATED WITH 0.060" THICK PVB INTERLAYER. THE TOP OF RAILING IS TO BE 1100mm ($43\frac{5}{16}$ ") ABOVE TOP OF FLASHING. ALL POSTS ARE TO BE 38mmx57mm ($1\frac{1}{2}$ "x2 1/4") WITH A MAXIMUM POST SPACING TO BE 914.4mm (36") O.C.

2 TERRACE RAILING ELEVATION TYPE 2
SCALE 1:20

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM
Railings Inc.
140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

NO.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

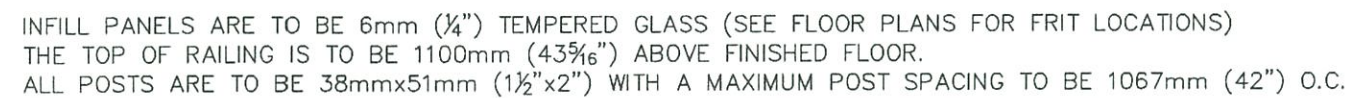
TITLE: BALCONY & TERRACE RAILING ELEVATIONS
TYPE 1 & TYPE 2

DESCRIPTION: SQ ALEXANDRA PARK
AREA: 38 CAMERON STREET
TORONTO, ON

PLOT DATE: OCTOBER 8, 2015 SCALE: 1:20

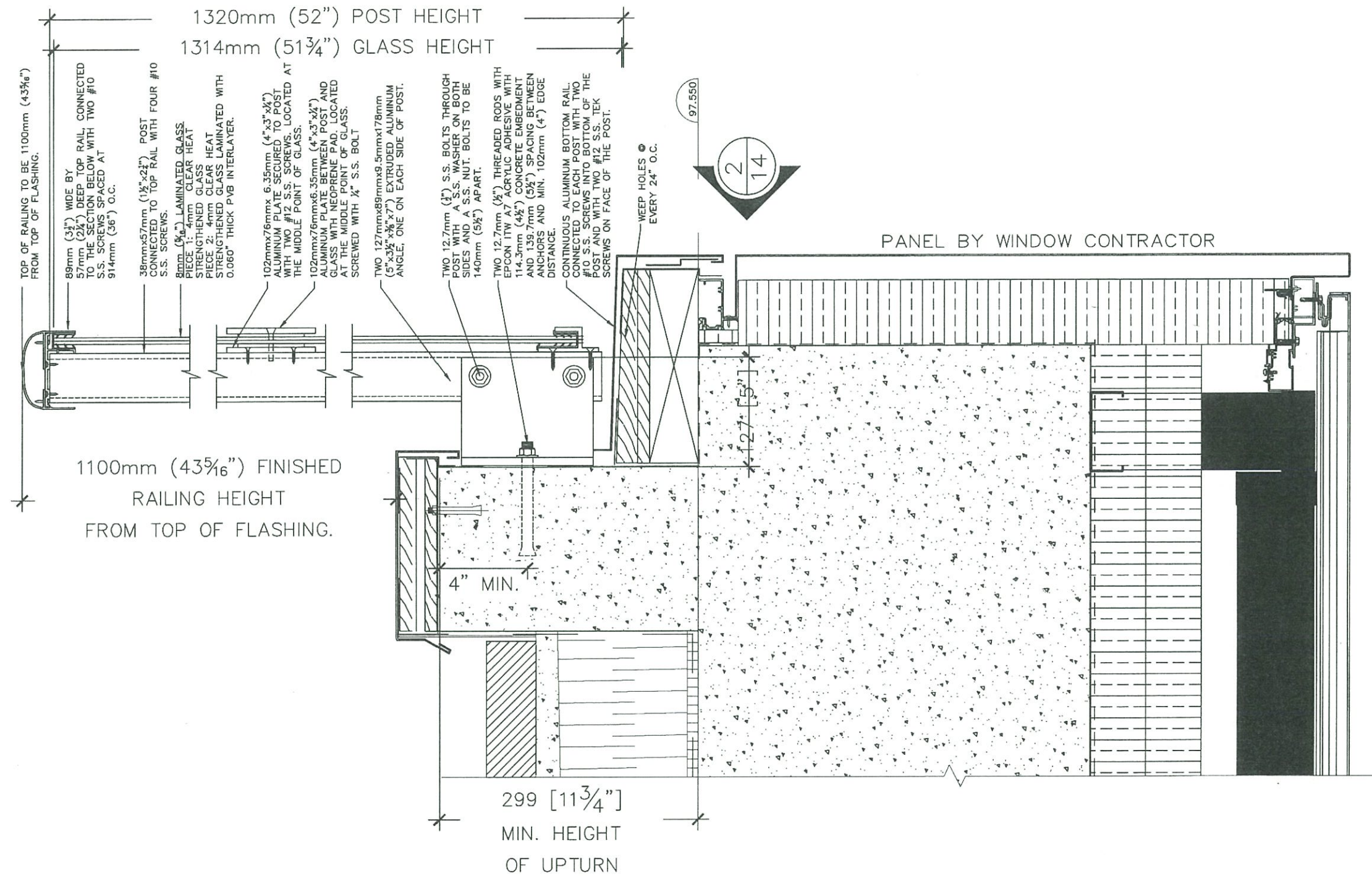
COMPANY PROJECT No: 12-115 DRAWING No: 14

TORO PROJECT No: DRAWN BY: G.S. CHECKED BY: A.K.



SCALE 1:20

15



GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS. ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM
Railings Inc.

140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE: TERRACE RAILING SECTION TYPE 2

DESCRIPTION: SQ ALEXANDRA PARK

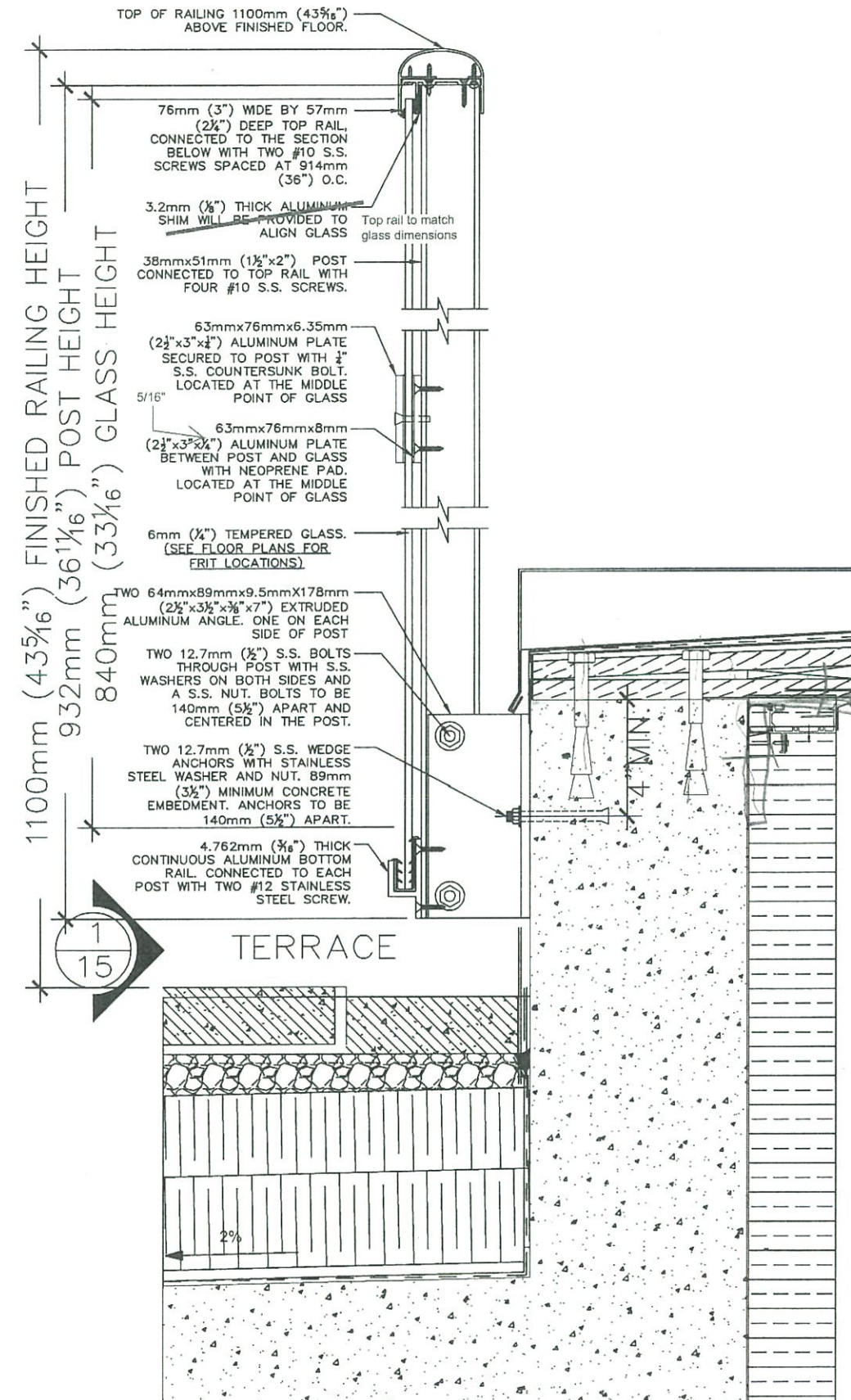
AREA: 38 CAMERON STREET TORONTO, ON

PLOT DATE: OCTOBER 8, 2015 SCALE: 1:5

COMPANY PROJECT No: 12-115 DRAWING No: 17

TORO PROJECT No:

DRAWN BY: G.S. CHECKED BY: A.K.



1
18 TERRACE RAILING SECTION TYPE 3
SCALE 1:5

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	OS

TITLE: TERRACE RAILING SECTIONS
TYPE 3 & TYPE 4

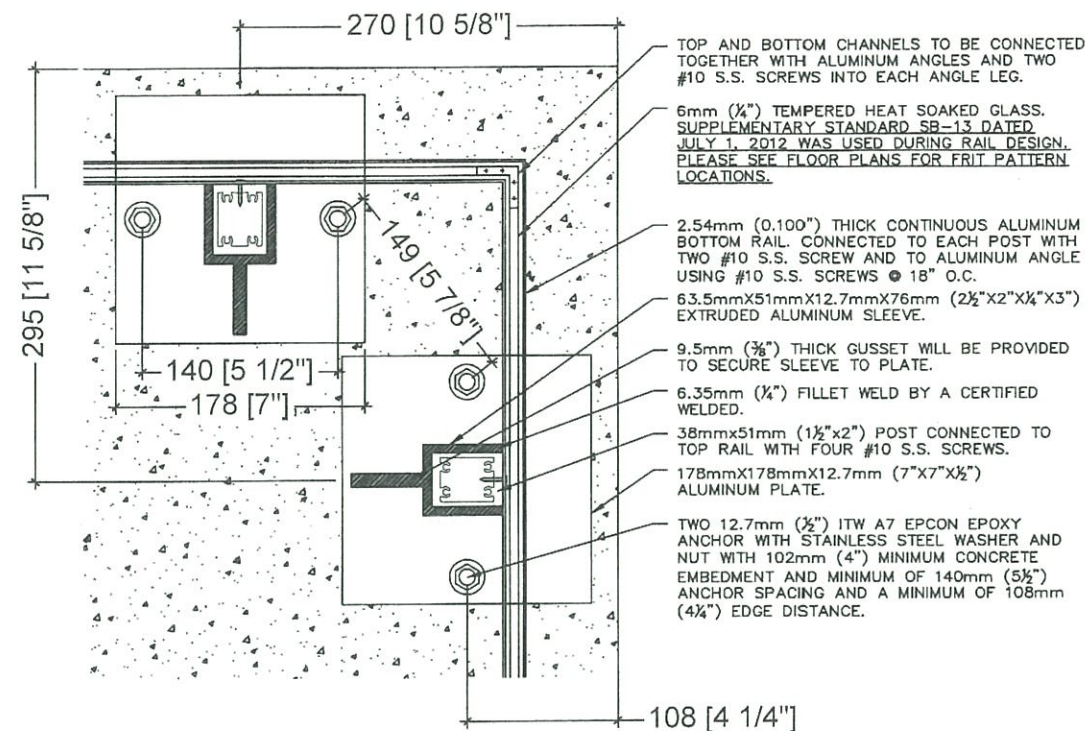
DESCRIPTION: SQ ALEXANDRA PARK

AREA: 38 CAMERON STREET
TORONTO, ON

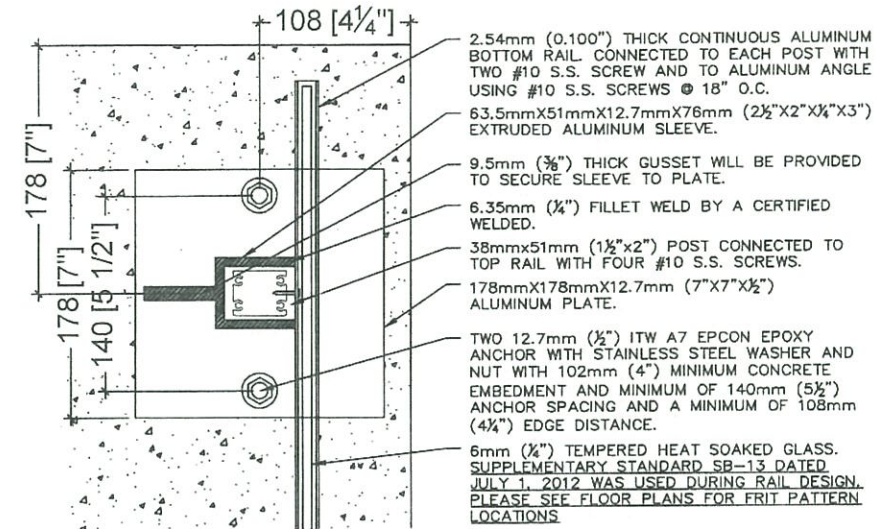
PLOT DATE: OCTOBER 8, 2015 SCALE: 1:5

COMPANY PROJECT No: 12-115
TORO PROJECT No:
DRAWN BY: G.S. CHECKED BY: A.K.

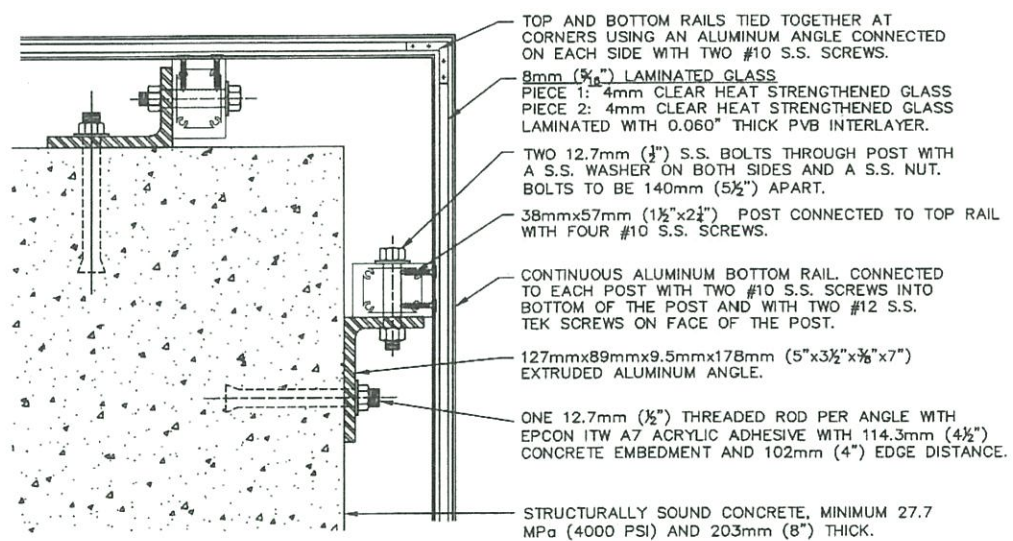
18



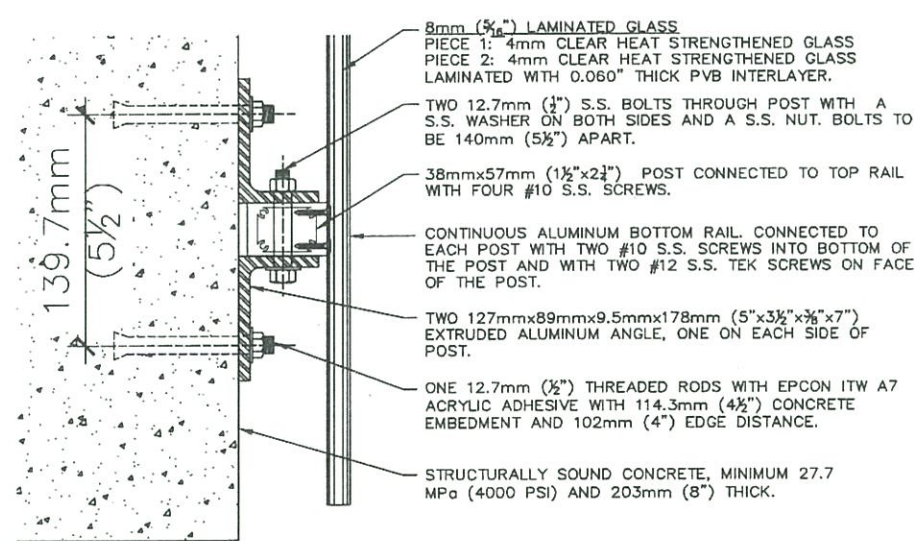
1
19 CORNER POST CONFIGURATION TYPE 1
SCALE 1:5



2
19 END POST CONFIGURATION TYPE 1
SCALE 1:5



3
19 CORNER POST CONFIGURATION TYPE 2
SCALE 1:5



4
19 END POST CONFIGURATION TYPE 2
SCALE 1:5

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.

LICENSED PROFESSIONAL ENGINEER

Nov 25, 2015

R. HADDAD

100184281

PROVINCE OF ONTARIO

TORO ALUMINUM Railings Inc.

140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECT COMMENTS	EY
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE: POST CONFIGURATIONS
TYPE 1, TYPE 2 & TYPE 4

DESCRIPTION: SQ ALEXANDRA PARK

AREA: 38 CAMERON STREET
TORONTO, ON

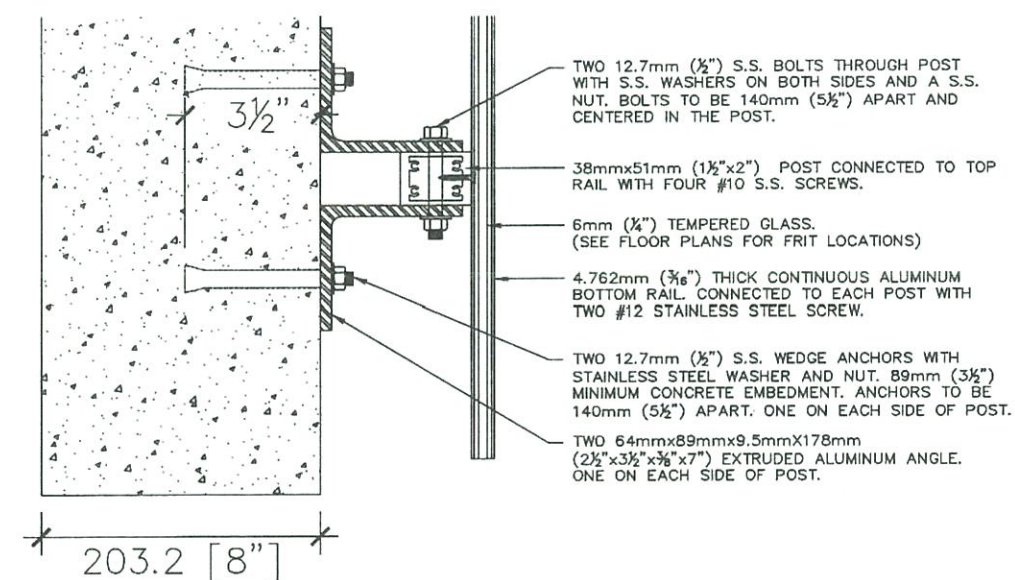
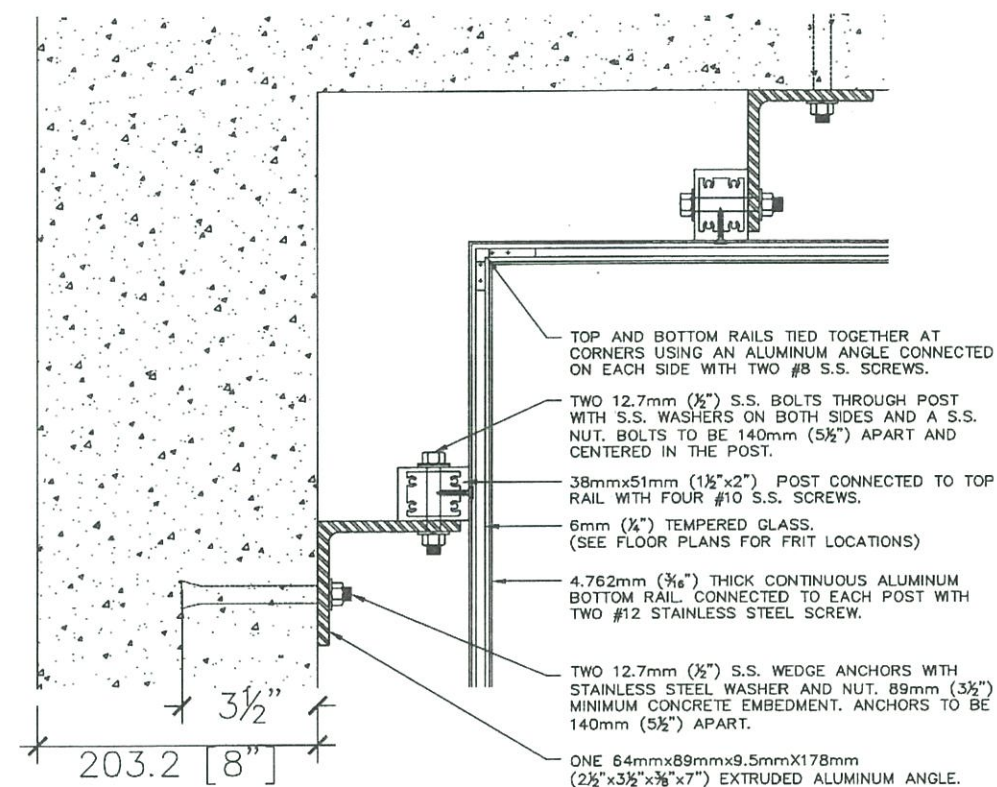
PLOT DATE: OCTOBER 8, 2015 **SCALE:** 1:5

COMPANY PROJECT No: 12-115 **DRAWING No:**

TORO PROJECT No:

DRAWN BY: G.S. **CHECKED BY:** A.K.

19



GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE
PROPERTY OF TORO ALUMINUM RAILINGS INC.
THE DRAWINGS MAY NOT BE USED FOR
CONSTRUCTION WITHOUT THE PERMISSION OF
TORO ALUMINUM RAILINGS INC.
REPRODUCTION OF THESE DRAWINGS
WITHOUT THE CONSENT OF TORO ALUMINUM
RAILINGS INC. IS STRICTLY PROHIBITED.
DO NOT SCALE THESE DRAWINGS, ANY
ERRORS OR DISCREPANCY IS TO BE REPORTED
IMMEDIATELY TO TORO ALUMINUM RAILINGS
INC.

ENGINEER STAMP:

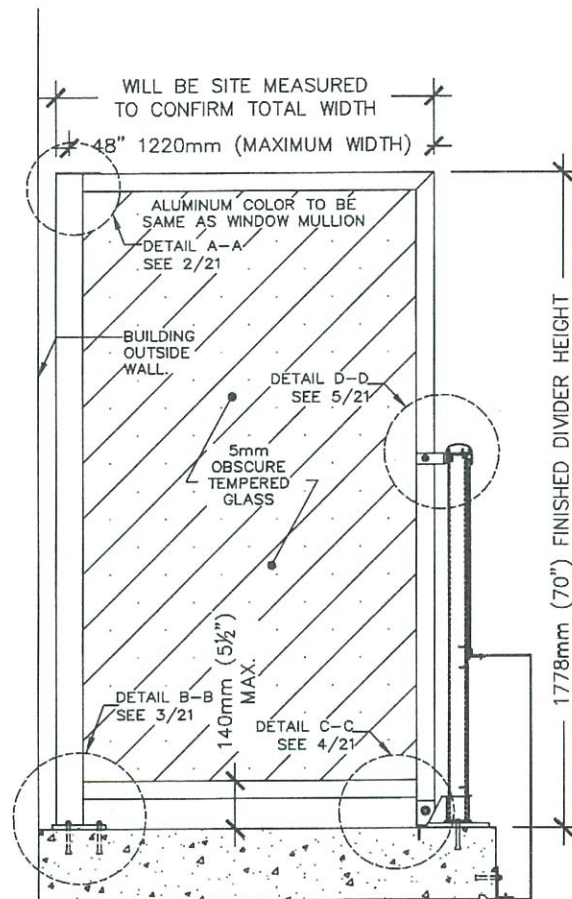
THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



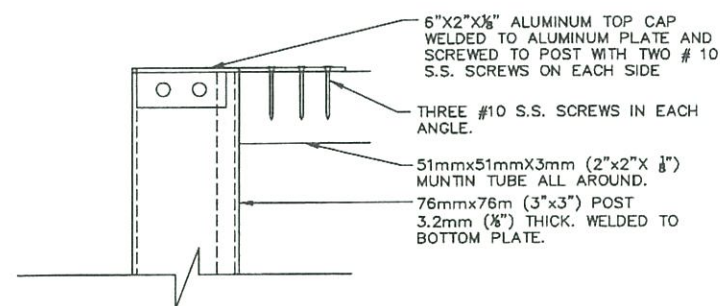
140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

	N	
2	10/06/15	REVISION 1 - AS PER ARCHITECTS COMMENTS
1	05/05/15	DRAWING ESTABLISHED
No.	DATE	REVISIONS

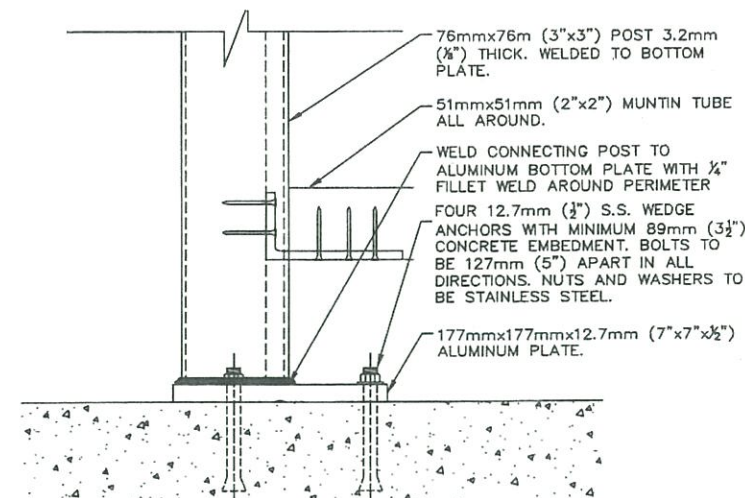
TITLE:		POST CONFIGURATION TYPE 3	
DESCRIPTION:		SQ ALEXANDRA PARK	
AREA:		38 CAMERON STREET TORONTO, ON	
PLOT DATE:		SCALE:	1:5
OCTOBER 8, 2015			
COMPANY PROJECT No:		DRAWING No:	
12-115		20	
TOWN PROJECT No:			
DRAWN BY:		CHECKED BY:	
G.S.		A.K.	



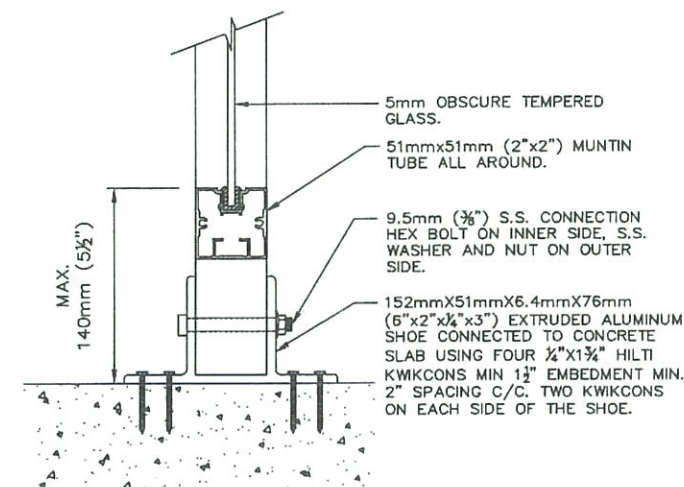
1
21 **BALCONY DIVIDER ELEVATION TYPE 1**
SCALE 1:20



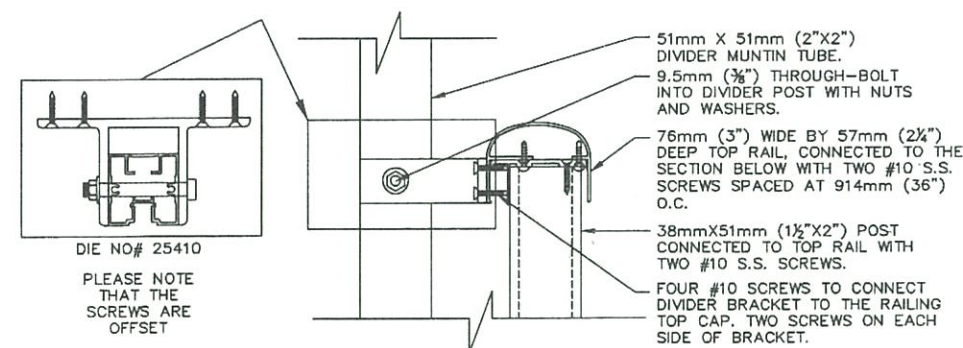
2
21 **DETAIL A-A**
SCALE 1:5



3
21 **DETAIL B-B**
SCALE 1:5



4
21 **DETAIL C-C**
SCALE 1:5



5
21 **DETAIL D-D**
SCALE 1:5

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

NO.	DATE	REVISION	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	OS

TITLE: BALCONY DIVIDER ELEVATION & SECTIONS
TYPE 1

DESCRIPTION: SQ ALEXANDRA PARK

AREA: 38 CAMERON STREET
TORONTO, ON

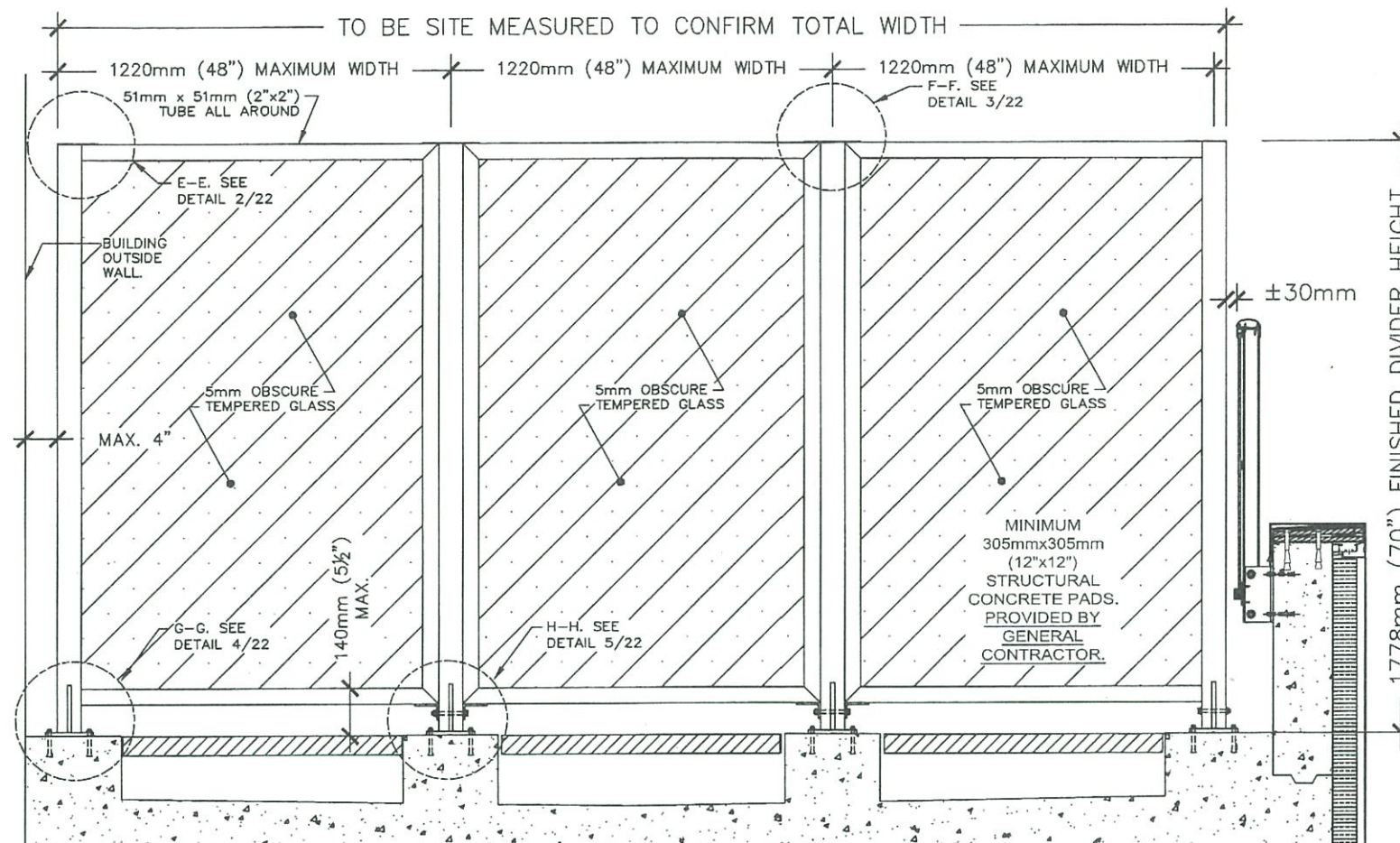
PLOT DATE: OCTOBER 8, 2015 SCALE: AS NOTED

COMPANY PROJECT No: 12-115 DRAWING No:

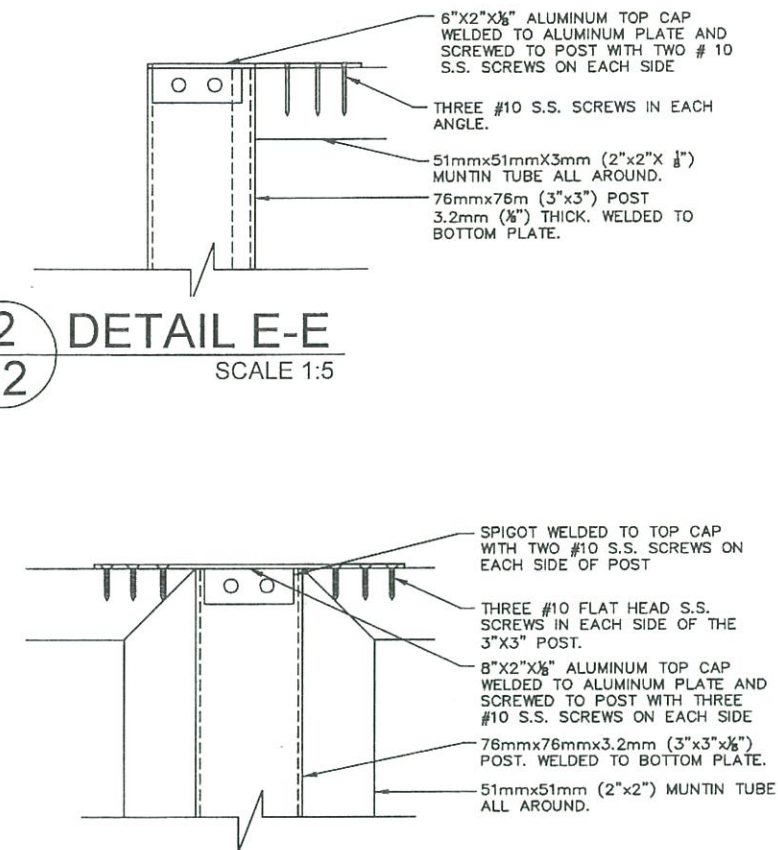
TORO PROJECT No:

DRAWN BY: G.S. CHECKED BY: A.K.

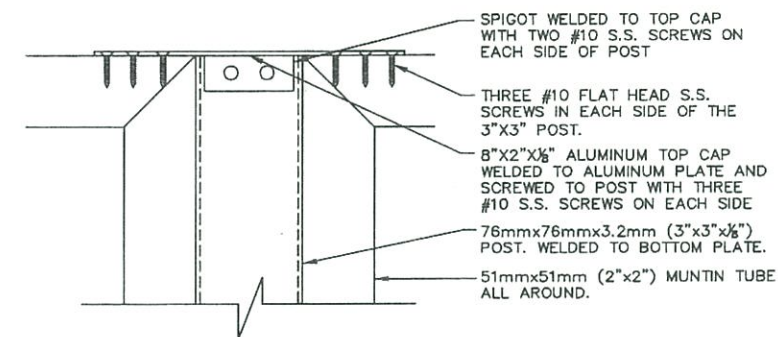
21



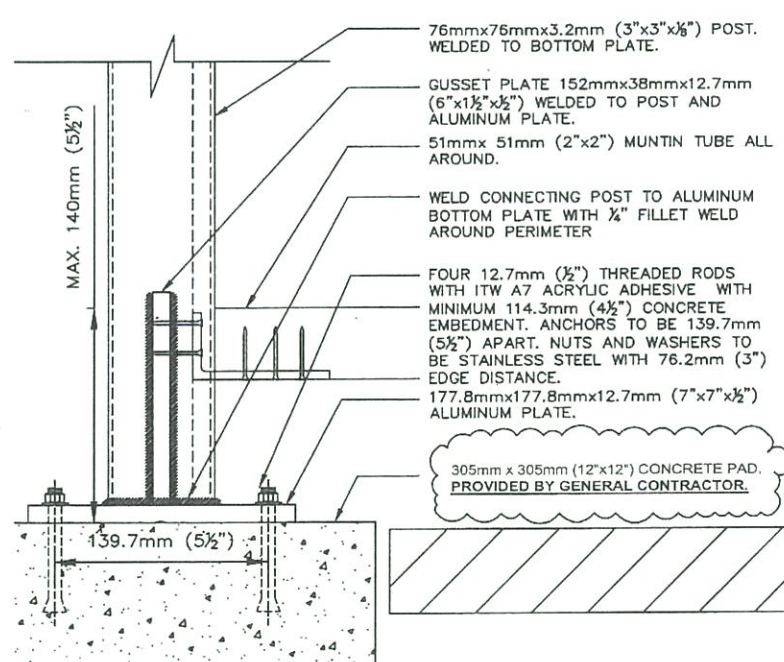
2
22 **DETAIL E-E**
SCALE 1:5



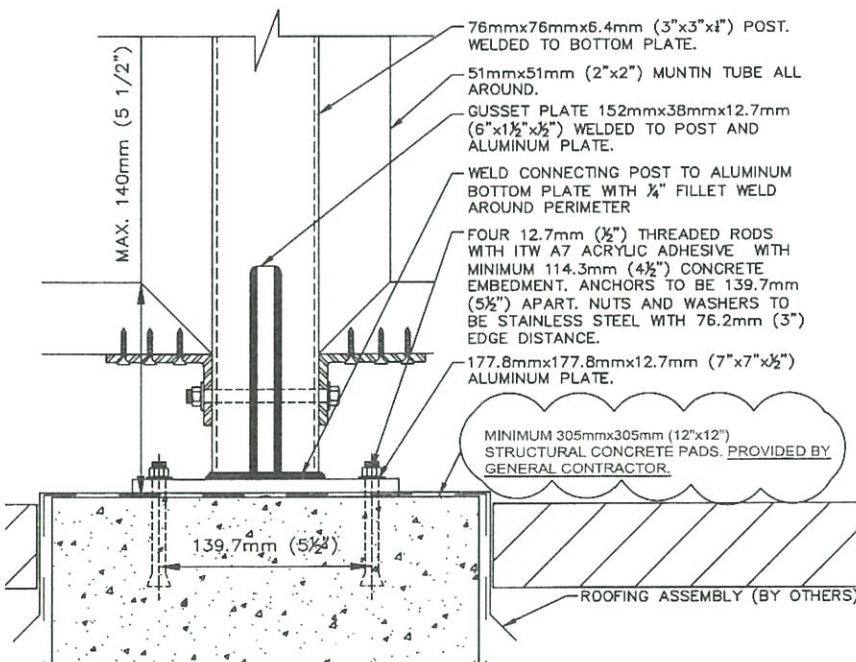
3
22 **DETAIL F-F**
SCALE 1:5



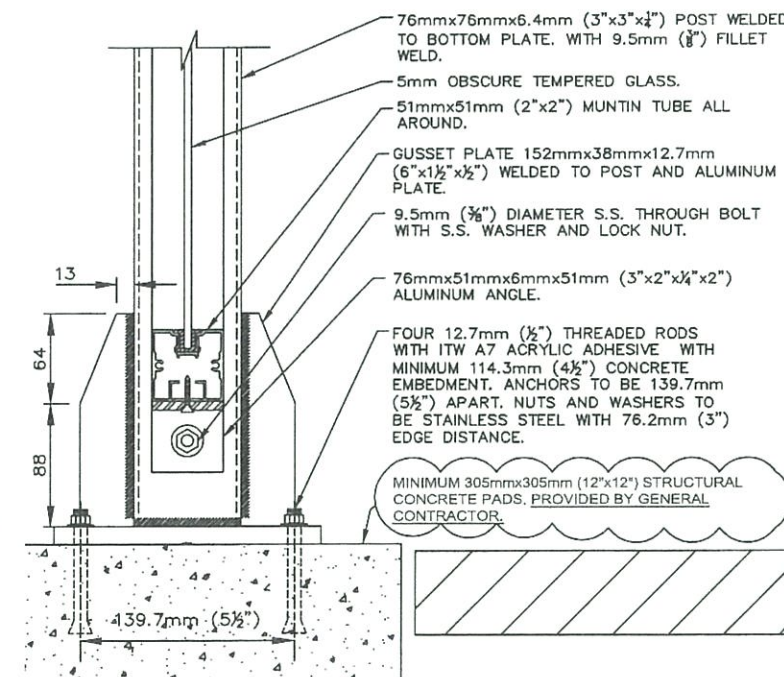
1
22 **TERRACE DIVIDER ELEVATION TYPE 2**
SCALE 1:20



4
22 **DETAIL G-G**
SCALE 1:5



5
22 **DETAIL H-H**
SCALE 1:5



6
22 **DETAIL H-H (SIDE VIEW)**
SCALE 1:5

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM Railings Inc.

140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

NO.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE: TERRACE DIVIDER ELEVATION & SECTIONS TYPE 2

DESCRIPTION: SQ ALEXANDRA PARK

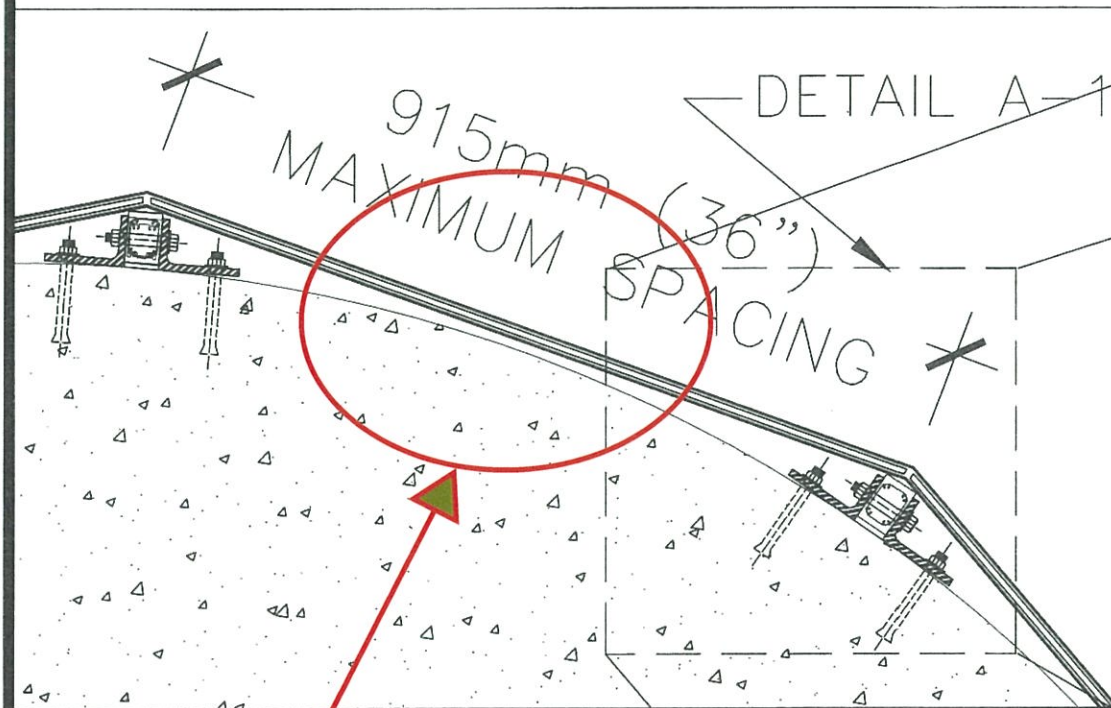
AREA: 38 CAMERON STREET TORONTO, ON

PLOT DATE: OCTOBER 8, 2015 **SCALE:** AS NOTED

COMPANY PROJECT No: 12-115 **DRAWING No:** 22

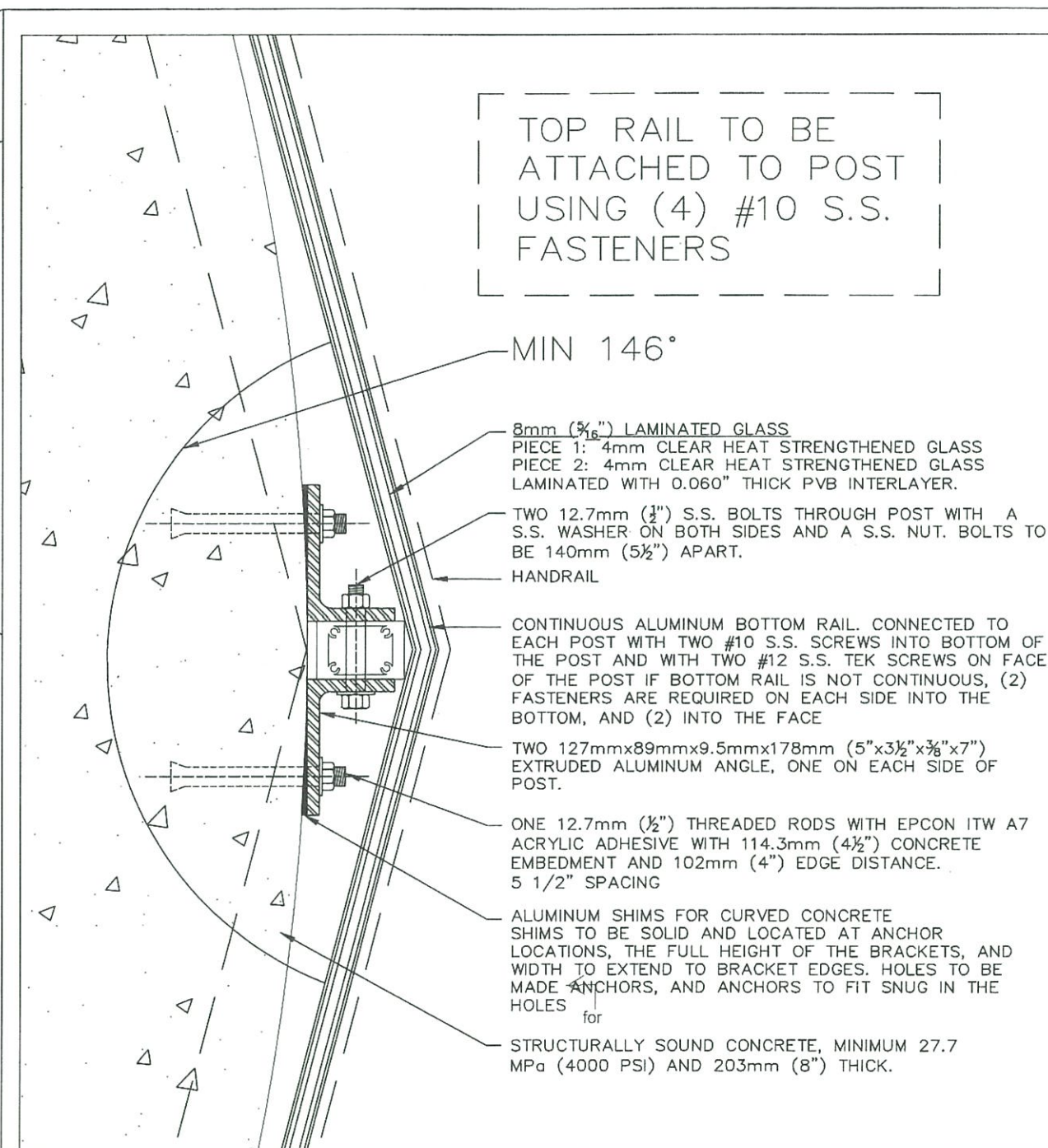
TORO PROJECT No:

DRAWN BY: G.S. **CHECKED BY:** A.K.



1
23 TYPE 2 RAILING AT CURVED SLAB

Ensure that glass can't touch slab edge when deflecting under max service load.



2
23 TYPE 2 RAILING AT CURVED SLAB
DETAIL A-1

NTS

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS, ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

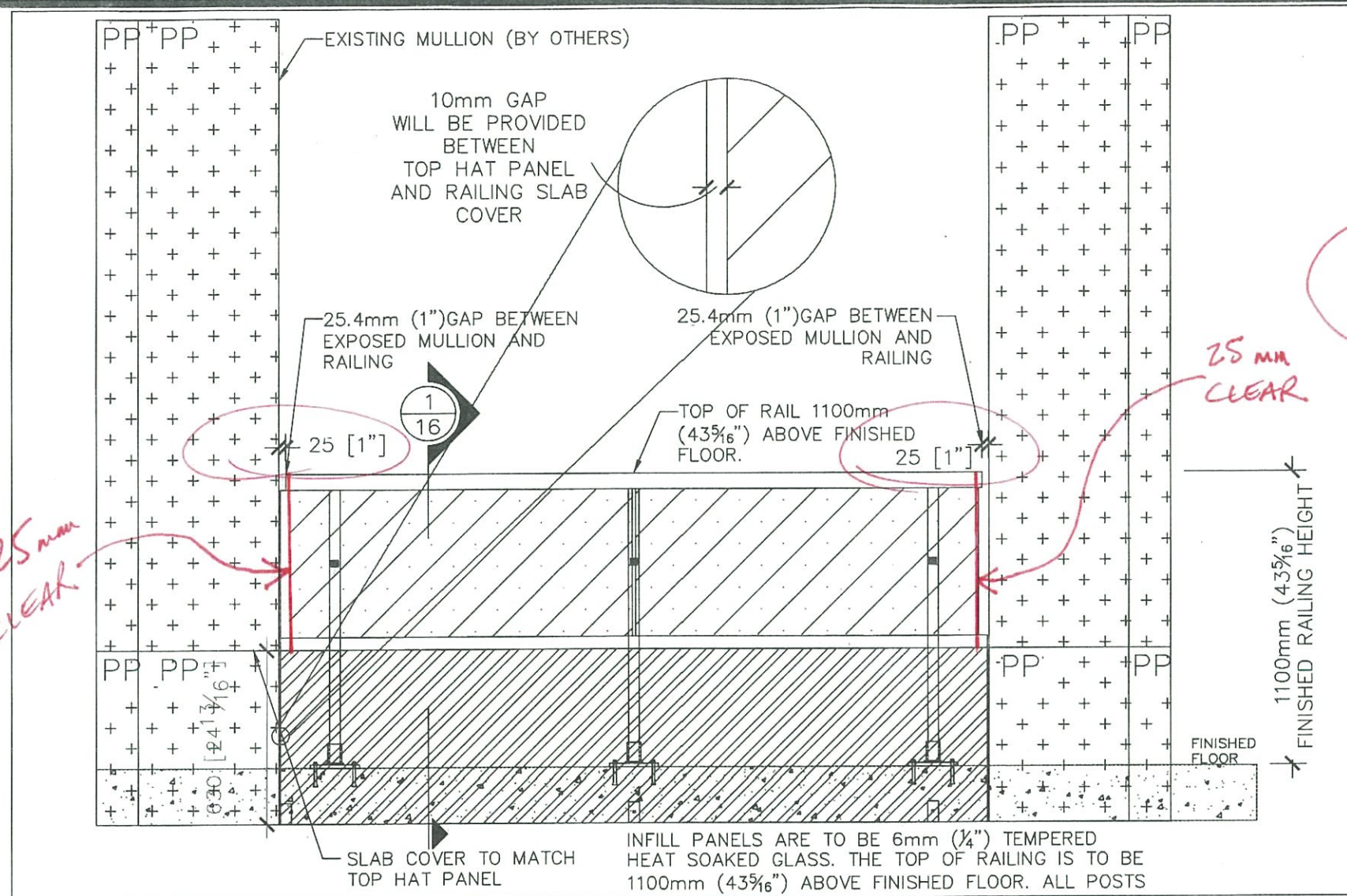
THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



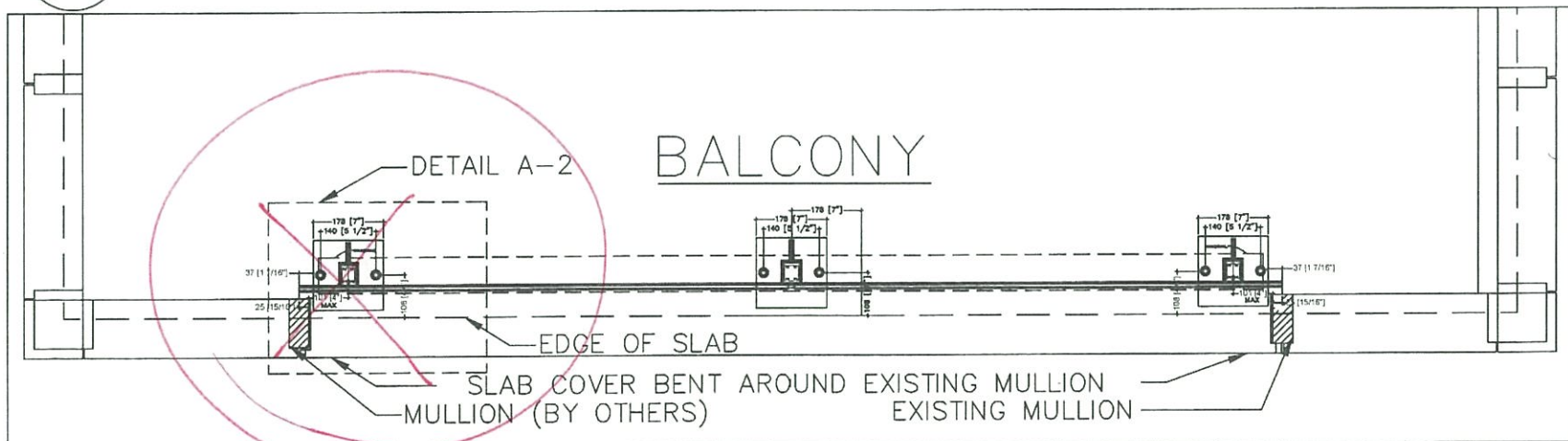
No.	DATE	REVISIONS	BY
2	10/06/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE:	RAILING AT CURVED SLAB
DESCRIPTION:	SQ ALEXANDRA PARK
AREA:	38 CAMERON STREET TORONTO, ON
PLOT DATE:	JUNE 13, 2015
SCALE:	AS NOTED
COMPANY PROJECT No:	12-115
TORO PROJECT No:	
DRAWN BY:	E.V.
CHECKED BY:	A.K.

23

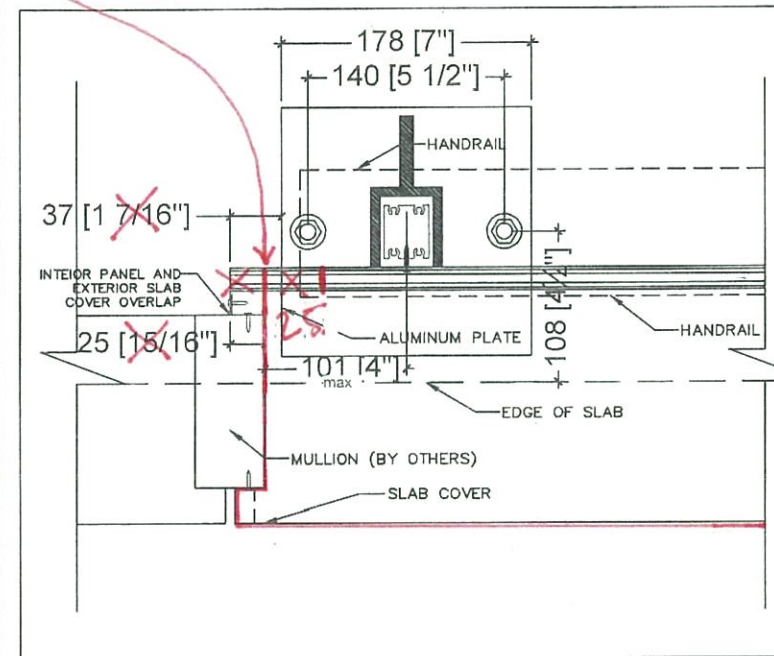


1
24 CURTAIN WALL AT RAILING ELEVATION 1:20



2
24 CURTAIN WALL AT RAILING PLAN VIEW NTS

DETAIL 3/24 SUBMITTED PREVIOUSLY WAS CORRECT. ALIGN SLAB COVER WITH EDGE OF MULLION. ALLOW 25mm GAP BETWEEN MULLION AND RAILING/GLASS/ BOTTOM RAIL SYSTEM.



3
24 DETAIL A-2 NTS

GENERAL NOTES
THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS. ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:
THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



TORO ALUMINUM Railings Inc.
140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

No.	DATE	REVISIONS	BY
2	10/06/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	DS

TITLE: CURTAIN WALL AT RAILING ELEVATION AND FLOORPLAN

DESCRIPTION: SQ ALEXANDRA PARK

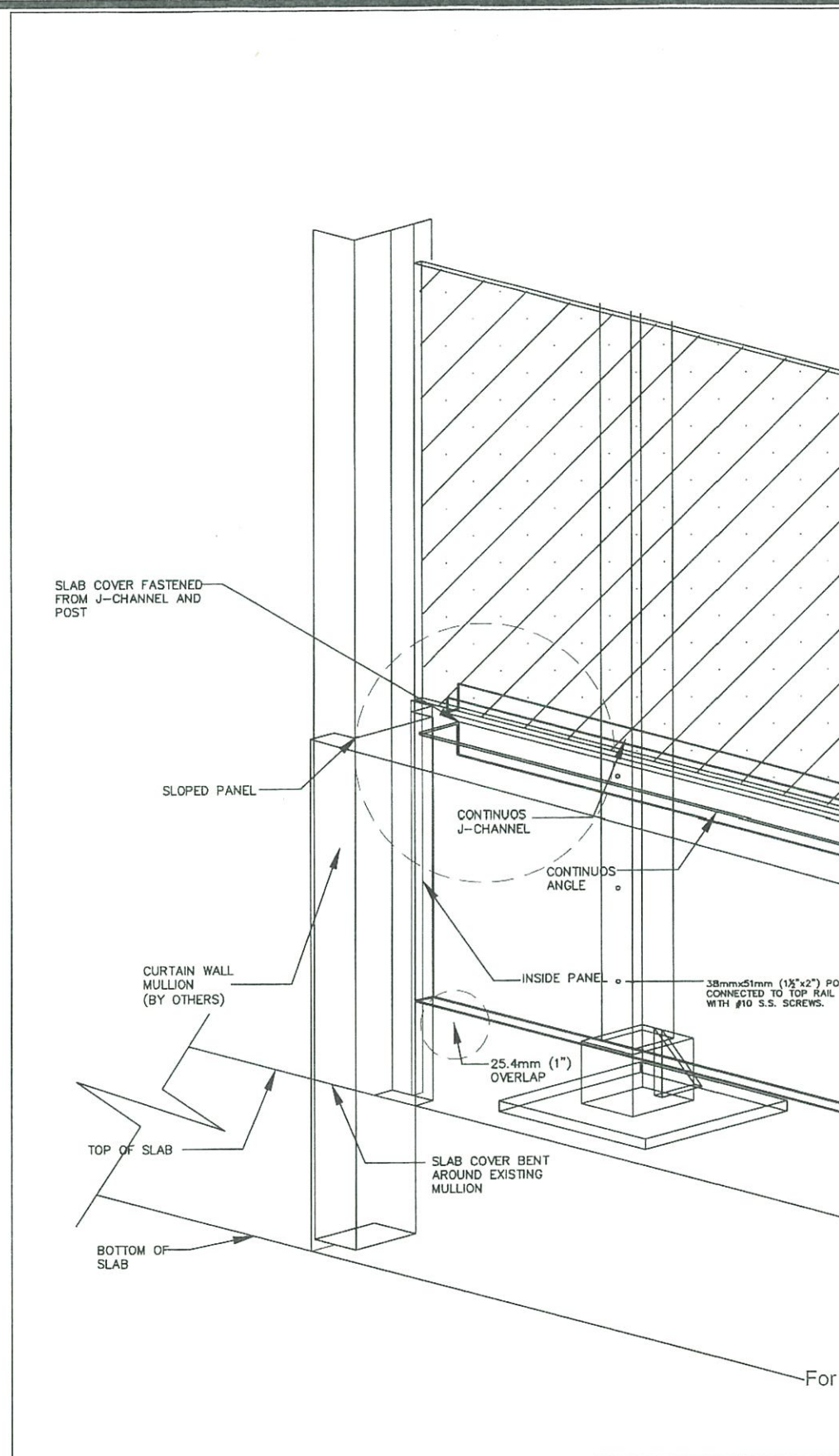
AREA: 38 CAMERON STREET TORONTO, ON

PLOT DATE: JUNE 13, 2015 **SCALE:** AS NOTED

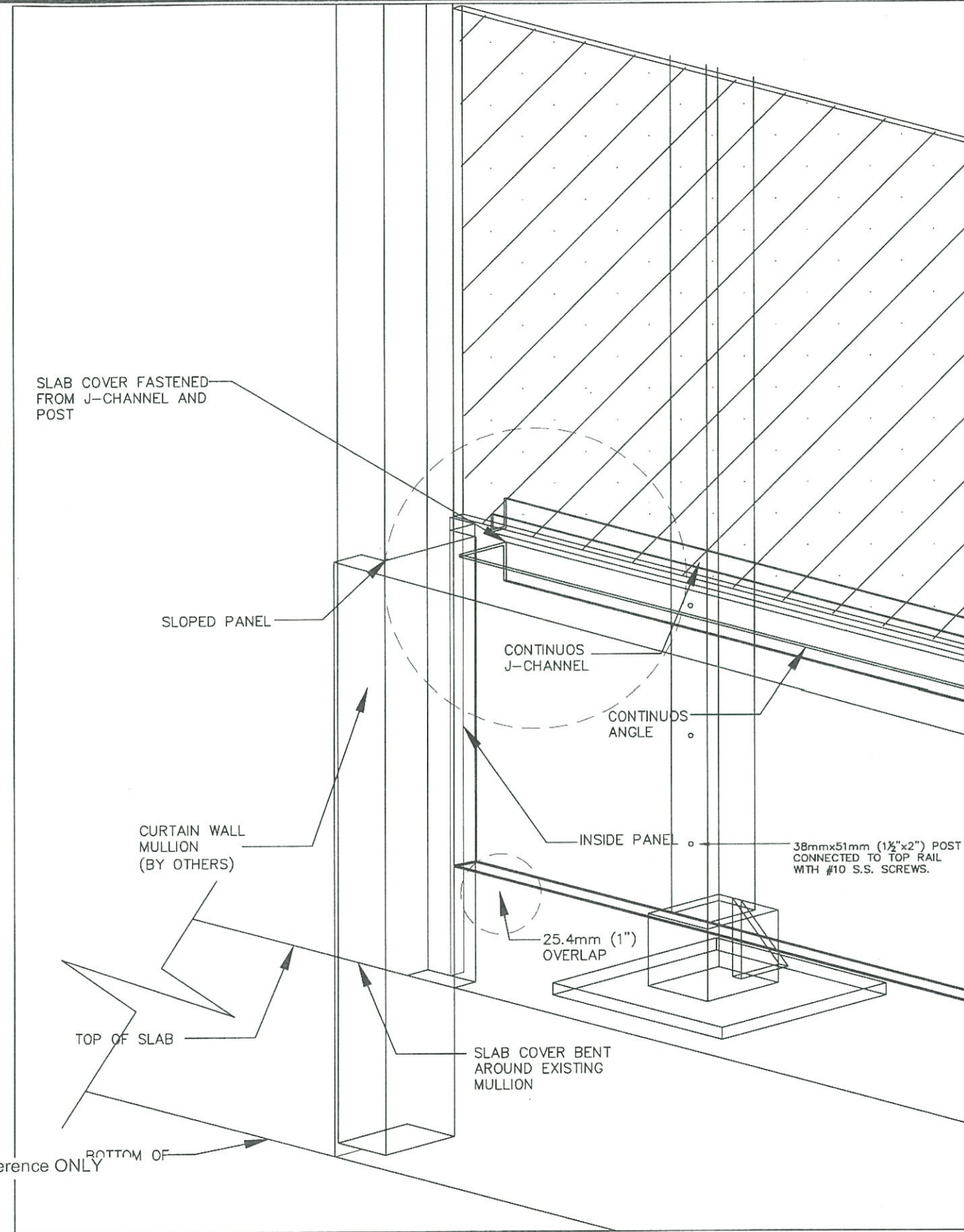
COMPANY PROJECT No: 12-115 **DRAWING No:** 24

TORO PROJECT No:

DRAWN BY: E.V. **CHECKED BY:** A.K.



CURTAIN WALL AT RAILING ISOMETRIC VIEW 1
NTS



CURTAIN WALL AT RAILING ISOMETRIC VIEW 2
NTS

GENERAL NOTES

THESE DRAWINGS ARE COPYRIGHT AND THE PROPERTY OF TORO ALUMINUM RAILINGS INC. THE DRAWINGS MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE PERMISSION OF TORO ALUMINUM RAILINGS INC. REPRODUCTION OF THESE DRAWINGS WITHOUT THE CONSENT OF TORO ALUMINUM RAILINGS INC. IS STRICTLY PROHIBITED. DO NOT SCALE THESE DRAWINGS. ANY ERRORS OR DISCREPANCY IS TO BE REPORTED IMMEDIATELY TO: TORO ALUMINUM RAILINGS INC.

ENGINEER STAMP:

THE DRAWING HAS BEEN REVIEWED FOR STRUCTURAL COMPLIANCE TO THE ONTARIO BUILDING CODE. DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF TORO ALUMINUM RAILINGS INC.



140 APPLEWOOD CRESENT
CONCORD, ONTARIO L4K 4E2
TELEPHONE: 905.761.1789
FAX: 905.761.1764

REV.	DATE	REVISIONS	BY
2	10/08/15	REVISION 1 - AS PER ARCHITECTS COMMENTS	EV
1	05/05/15	DRAWING ESTABLISHED	GS

TITLE: CURTAIN WALL AT RAILING ISOMETRIC VIEWS

DESCRIPTION: SQ ALEXANDRA PARK

AREA: 38 CAMERON STREET
TORONTO, ON

PLOT DATE: JUNE 13, 2015

SCALE: AS NOTED

COMPANY PROJECT No: 12-115

TORO PROJECT No:

DRAWN BY: E.V.

CHECKED BY: A.K.

DRAWING No: 25