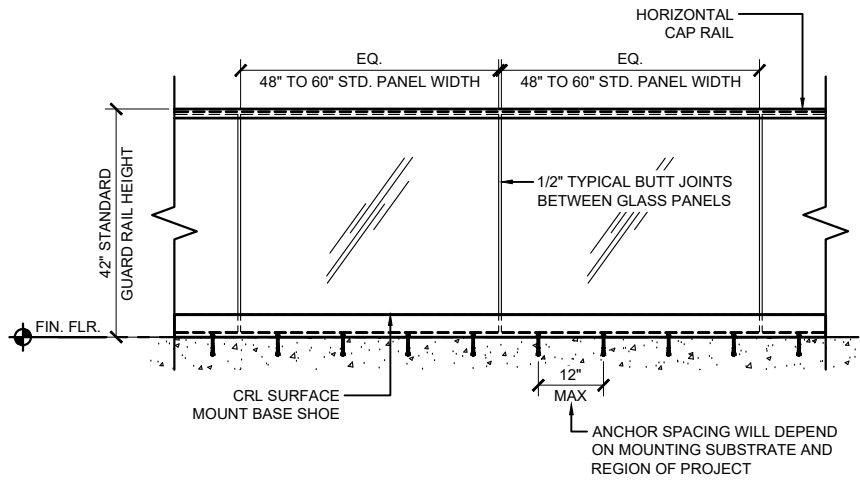
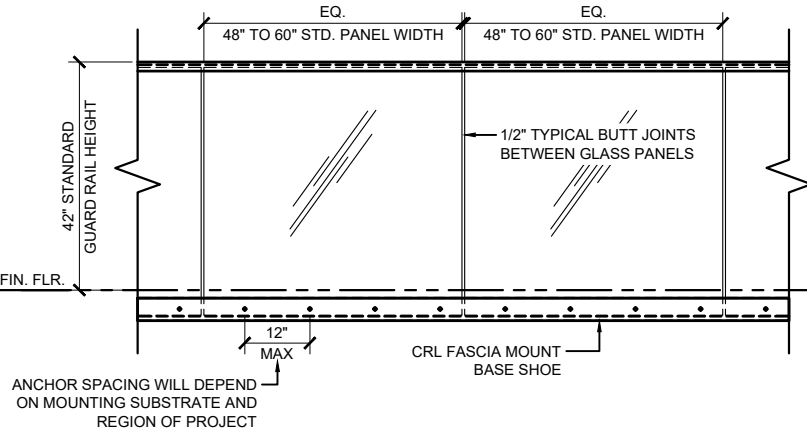
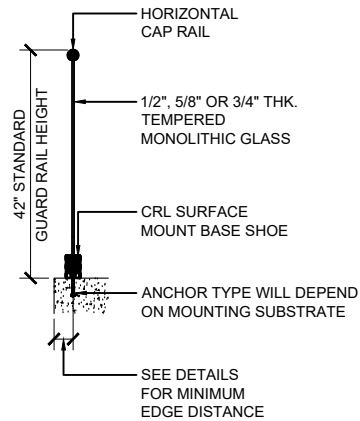


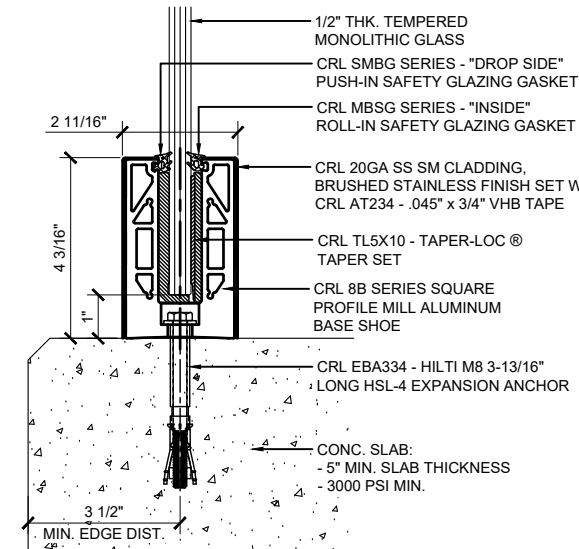


TYPICAL GRS GLASS RAILING ELEVATION VIEW - SURFACE MOUNT



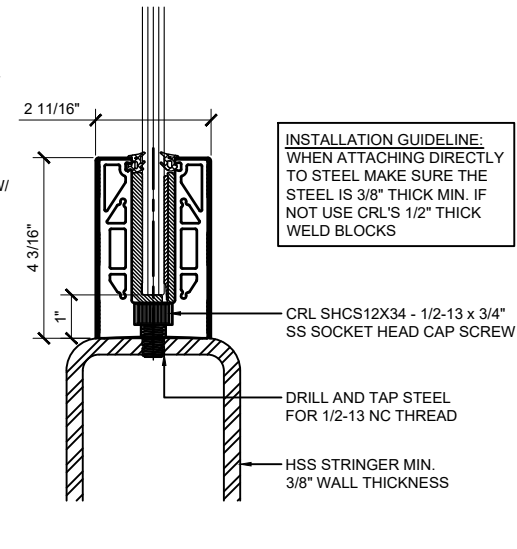
TYPICAL GRS GLASS RAILING ELEVATION VIEW - FASCIA MOUNT

TYPICAL BASE SHOE ATTACHMENTS USING THE 8B SERIES BASE SHOE WITH TAPER-LOC® SYSTEM



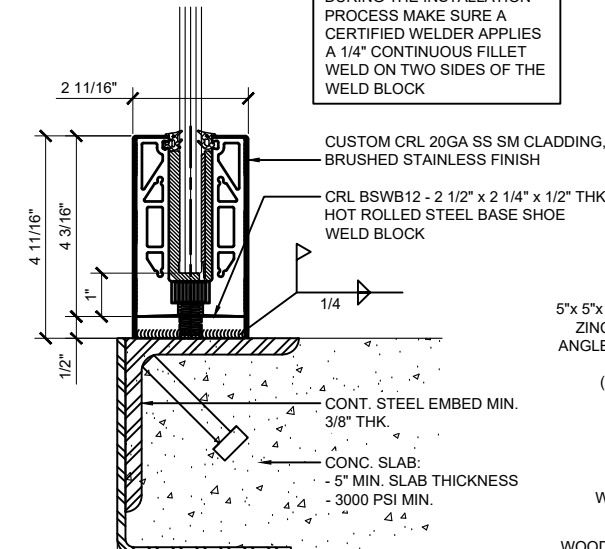
SURFACE MOUNT DETAIL
CONCRETE SUBSTRATE

ANCHOR SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



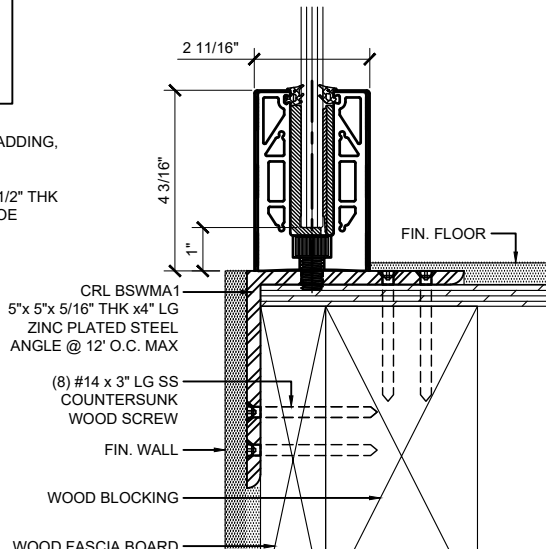
SURFACE MOUNT DETAIL
STEEL SUBSTRATE

12" ON CENTER ANCHOR SPACING



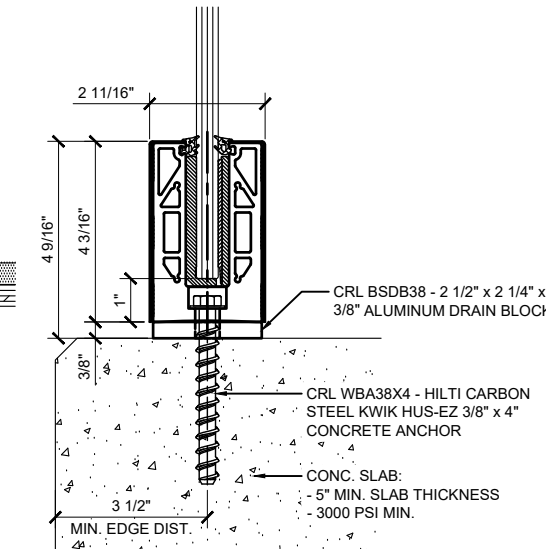
SURFACE MOUNT DETAIL
STEEL SUBSTRATE W/ WELD BLOCK

12" ON CENTER ANCHOR SPACING



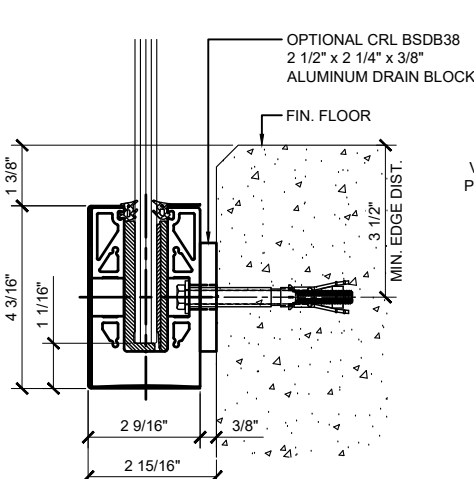
SURFACE MOUNT DETAIL
WOOD SUBSTRATE

12" ON CENTER ANCHOR SPACING



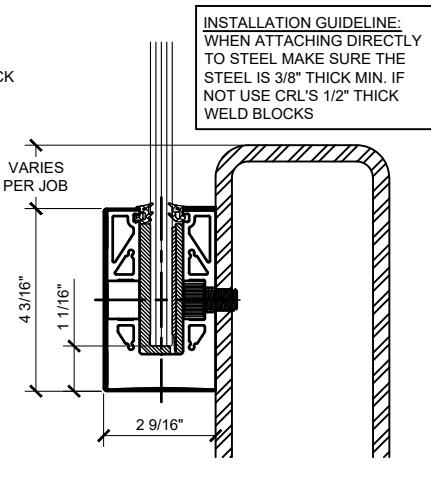
SURFACE MOUNT DETAIL
CONCRETE SUBSTRATE W/ DRAIN BLOCK

ANCHOR SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



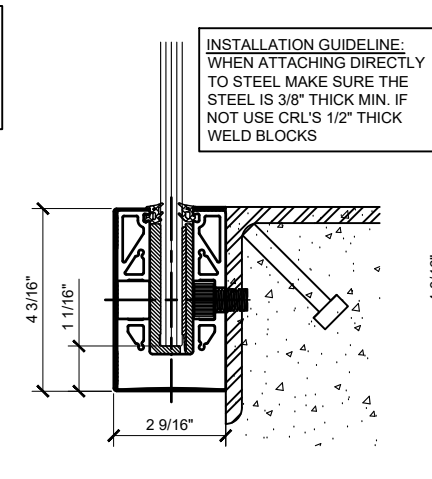
FASCIA MOUNT DETAIL
CONCRETE SUBSTRATE

ANCHOR SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



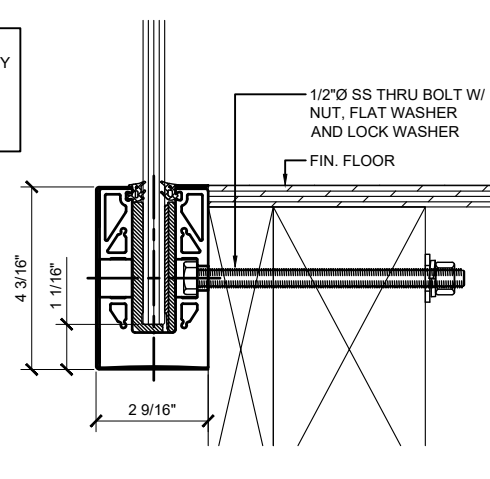
FASCIA MOUNT DETAIL
STEEL SUBSTRATE

12" ON CENTER ANCHOR SPACING



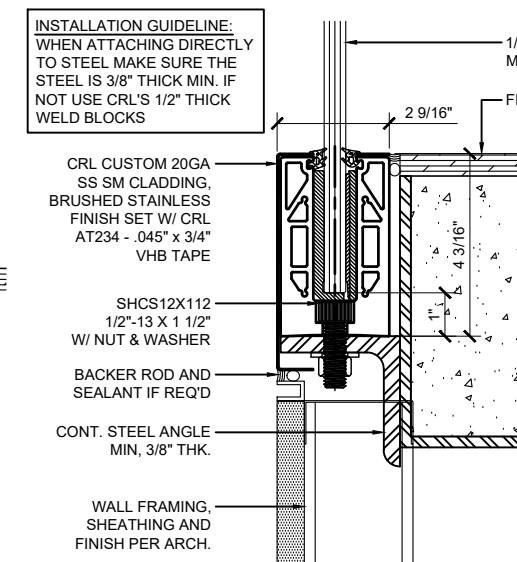
FASCIA MOUNT DETAIL
STEEL SUBSTRATE

12" ON CENTER ANCHOR SPACING



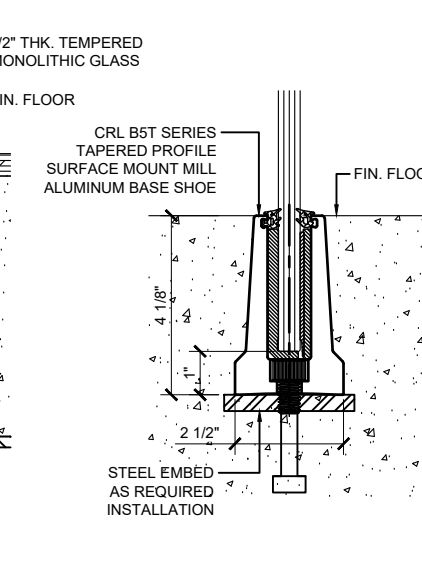
FASCIA MOUNT DETAIL
WOOD SUBSTRATE

ANCHOR SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



SURFACE MOUNT DETAIL
STEEL SUBSTRATE W/ CUSTOM CLADDING

12" ON CENTER ANCHOR SPACING



EMBED MOUNT
CONCRETE SUBSTRATE

ANCHOR SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT

Revisions By:		
△	02/28/25	JO
△	06/28/21	AB
△	06/05/18	VM
△	08/12/16	JG
△	02/08/16	JG

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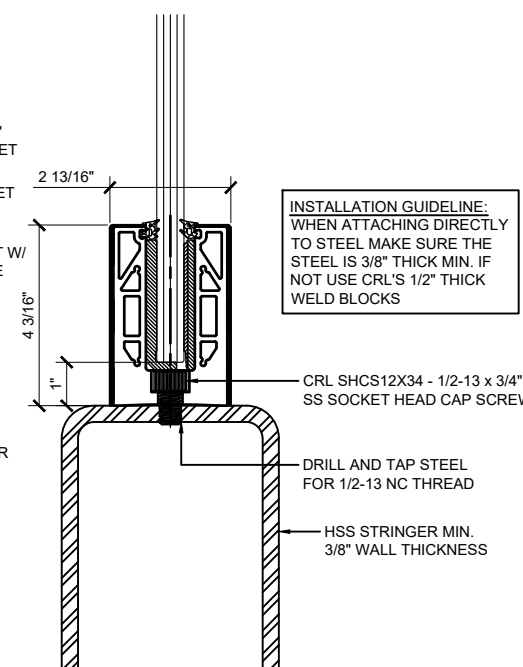
GRS
GLASS RAILING SYSTEM
FOR TEMPERED MONOLITHIC
1/2", 5/8" & 3/4" THK. GLASS

ELEVATIONS AND DETAILS
SURFACE MOUNT AND
FASCIA MOUNT OPTIONS

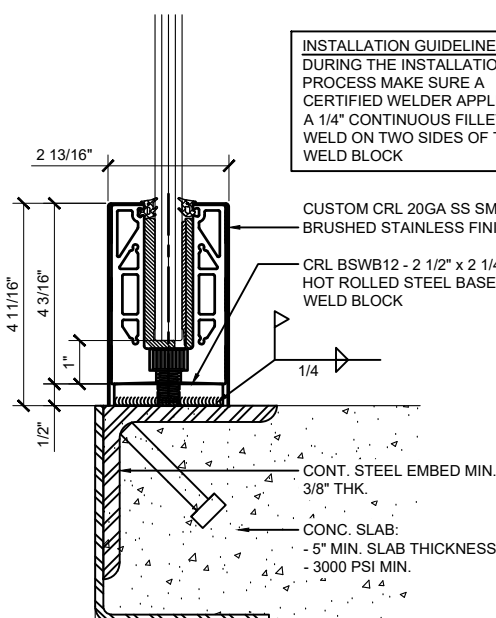
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Date: 12/15/2015
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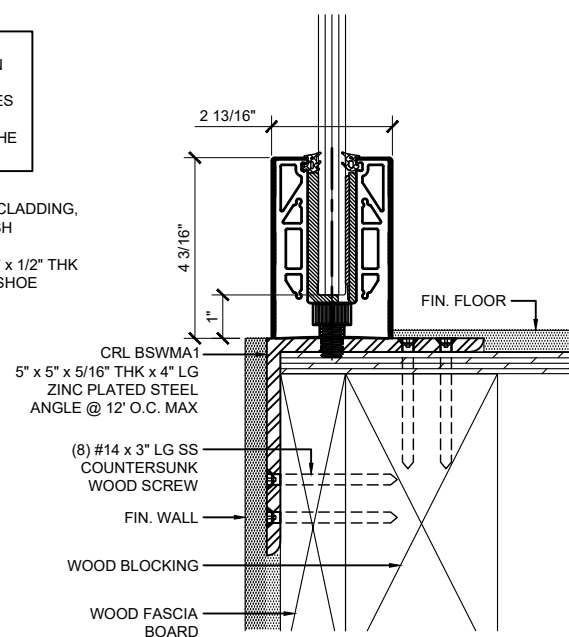
ANCHOR SPACING WILL DEPEND ON MOUNTING
SUBSTRATE AND REGION OF PROJECT



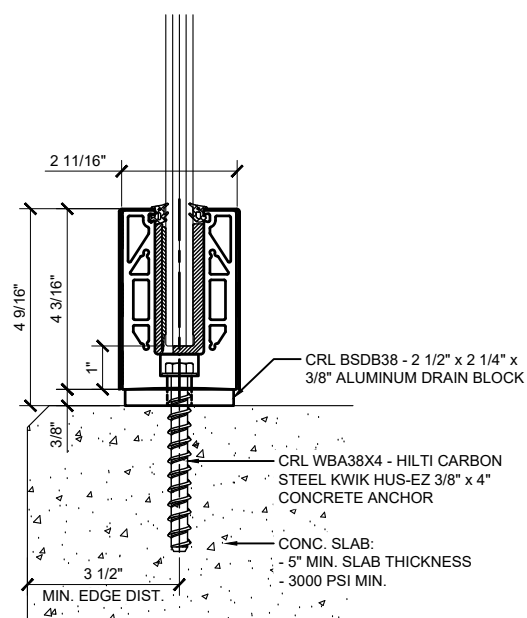
12" ON CENTER ANCHOR SPACING



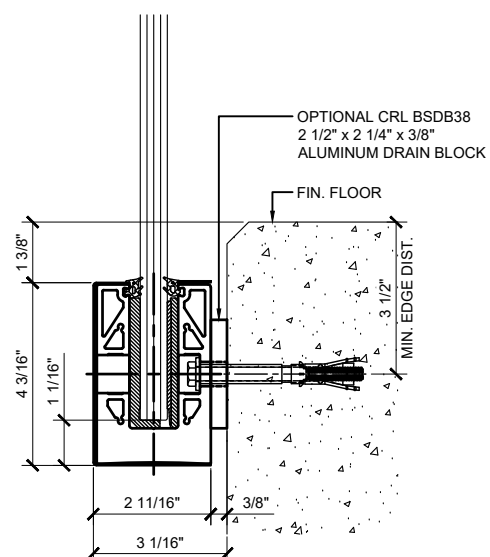
12" ON CENTER ANCHOR SPACING



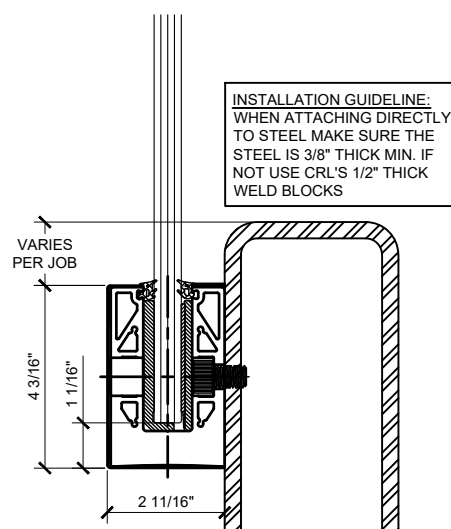
12" ON CENTER ANCHOR SPACING



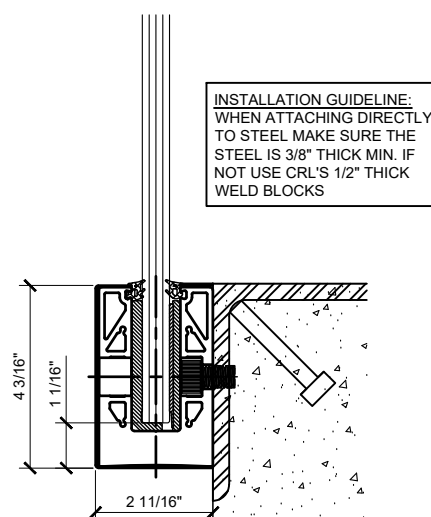
ANCHOR SPACING WILL DEPEND ON MOUNTING
SUBSTRATE AND REGION OF PROJECT



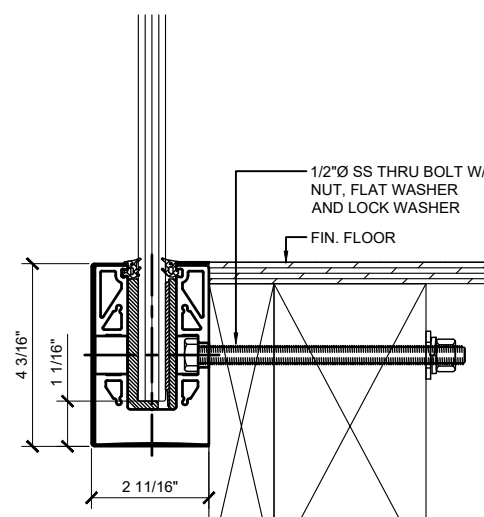
ANCHOR SPACING WILL DEPEND ON MOUNTING
SUBSTRATE AND REGION OF PROJECT



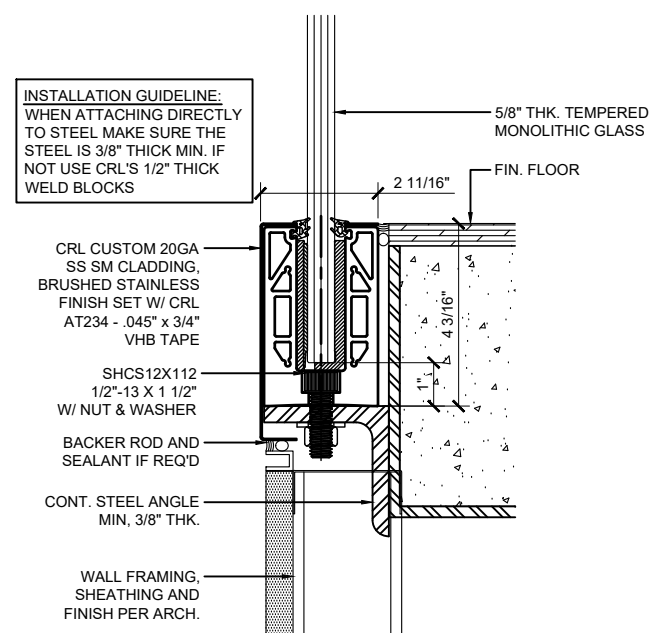
12" ON CENTER ANCHOR SPACING



12" ON CENTER ANCHOR SPACING



ANCHOR SPACING WILL DEPEND ON MOUNTING
SUBSTRATE AND REGION OF PROJECT



12" ON CENTER ANCHOR SPACING

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<u>Description:</u> GRS GLASS RAILING SYSTEM FOR TEMPERED MONOLITHIC 1/2", 5/8" & 3/4" THK. GLASS	
--	--

ELEVATIONS AND DETAILS

2

3/4" THK. TEMPERED MONOLITHIC GLASS

CRL SMBG SERIES - "DROP SIDE" PUSH-IN SAFETY GLAZING GASKET

CRL MBSG SERIES - "INSIDE" ROLL-IN SAFETY GLAZING GASKET

2 15/16"

4 3/16"

1"

CRL 20GA SS SM CLADDING, BRUSHED STAINLESS FINISH SET W/ CRL AT234 - .045" x 3/4" VHB TAPE

CRL TL5X10 - TAPER-LOC® TAPER SET

CRL 8B34 SERIES SQUARE PROFILE MILL ALUMINUM BASE SHOE

CRL EBA334 - HILTI M8 3-13/16" LONG HSL-4 EXPANSION ANCHOR

CONC. SLAB:
- 5" MIN. SLAB THICKNESS
- 3000 PSI MIN.

3 1/2"

MIN. EDGE DIST.

2 15/16"

4 3/16"

1"

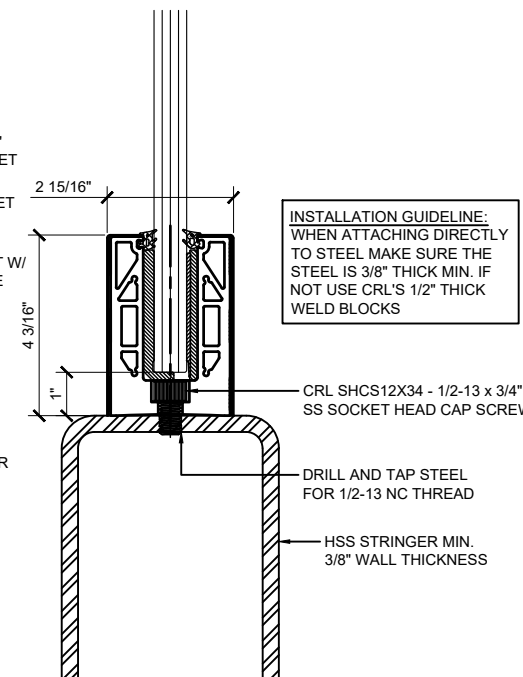
CRL SHCS12X34 - 1/2-13 x 3/4" SS SOCKET HEAD CAP SCREW

DRILL AND TAP STEEL FOR 1/2-13 NC THREAD

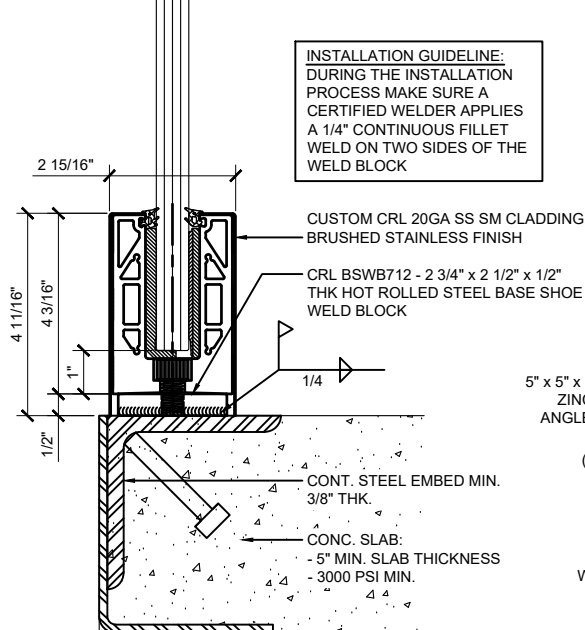
HSS STRINGER MIN. 3/8" WALL THICKNESS

INSTALLATION GUIDELINE:
WHEN ATTACHING DIRECTLY TO STEEL MAKE SURE THE STEEL IS 3/8" THICK MIN. IF NOT USE CRL'S 1/2" THICK WELD BLOCKS

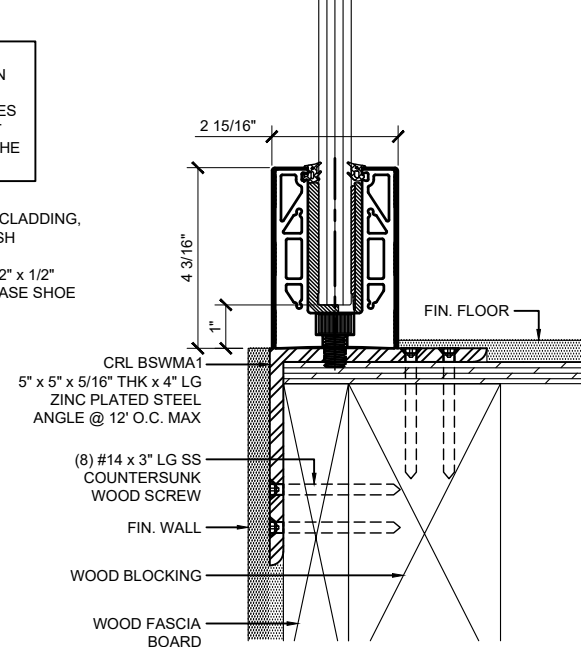
ANCHOR SPACING WILL DEPEND ON MOUNTING
SUBSTRATE AND REGION OF PROJECT



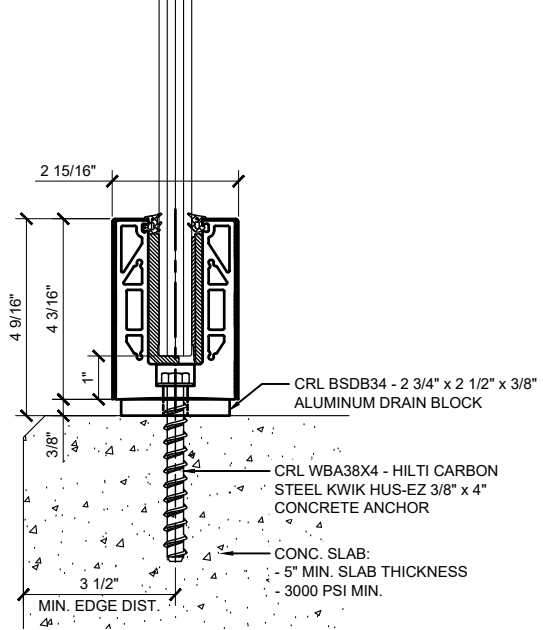
12" ON CENTER ANCHOR SPACING



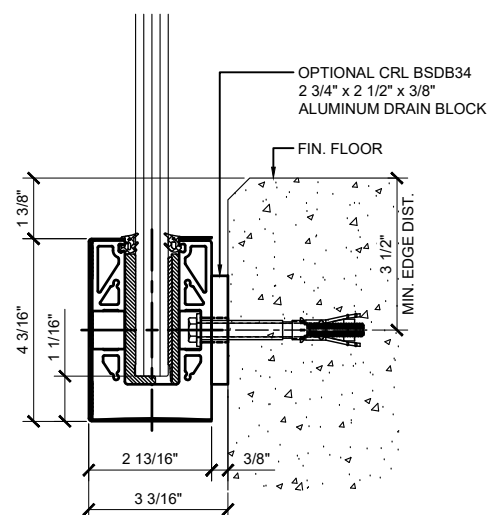
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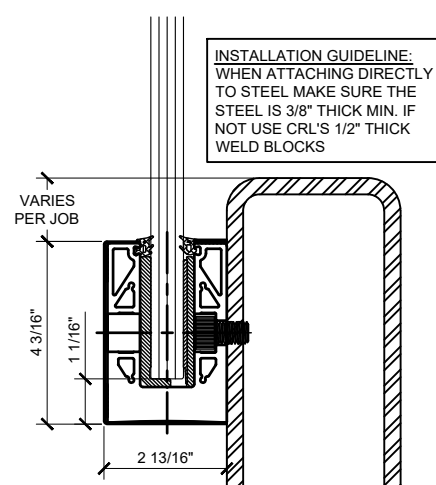
12" ON CENTER ANCHOR SPACING



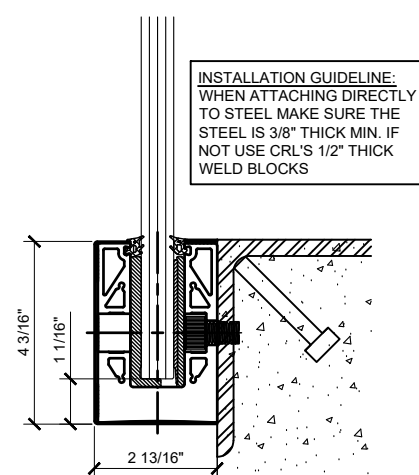
ANCHOR SPACING WILL DEPEND ON MOUNTING
SUBSTRATE AND REGION OF PROJECT



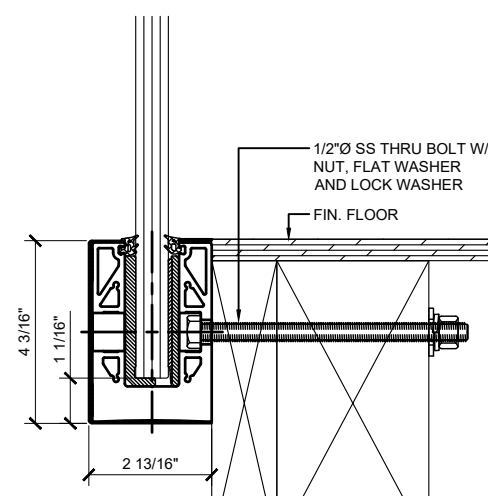
ANCHOR SPACING WILL DEPEND ON MOUNTING
SUBSTRATE AND REGION OF PROJECT



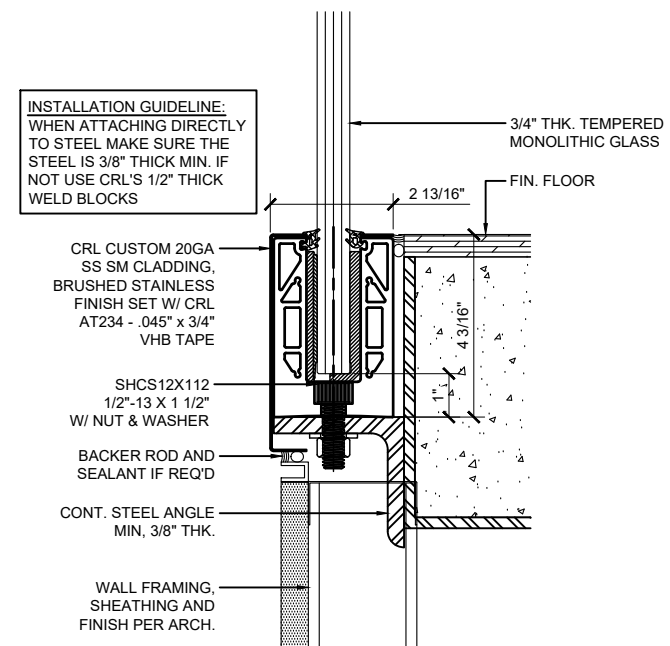
12" ON CENTER ANCHOR SPACING



12" ON CENTER ANCHOR SPACING



ANCHOR SPACING WILL DEPEND ON MOUNTING
SUBSTRATE AND REGION OF PROJECT



12" ON CENTER ANCHOR SPACING

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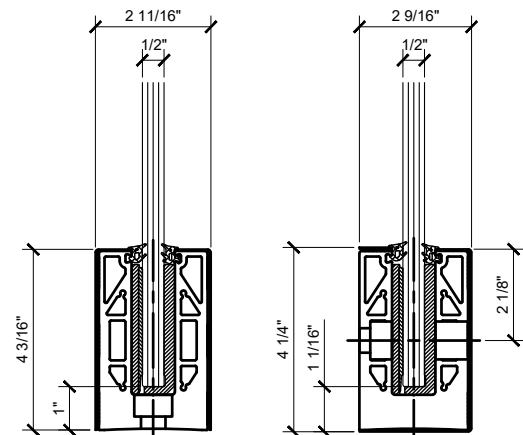


Description:

GRS
GLASS RAILING SYSTEM
FOR TEMPERED MONOLITHIC
1/2", 5/8" & 3/4" THK. GLASS

ELEVATIONS AND DETAILS

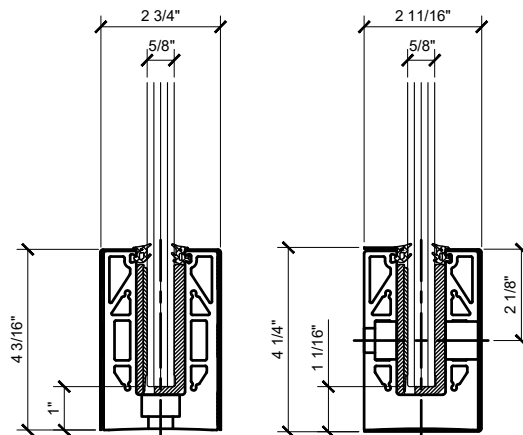
Drawn By: JG
Date: 12/15/2015
Scale: AS NOTED
File Name:
CRL GRS Monolithic Glass Railing System.dwg
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SURFACE MOUNT
FOR 1/2" (12mm) GLASS

FASCIA MOUNT
FOR 1/2" (12mm) GLASS

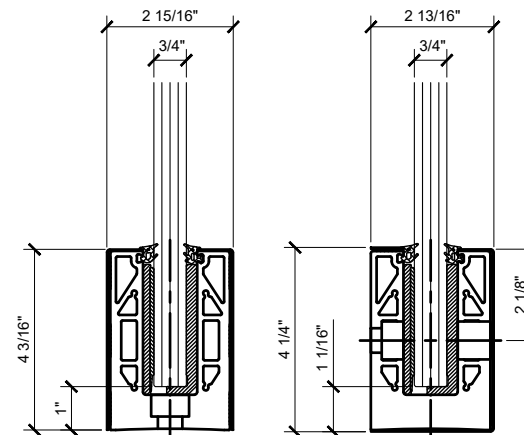
8B SERIES BASE SHOE



SURFACE MOUNT
FOR 5/8" (15mm) GLASS

FASCIA MOUNT
FOR 5/8" (15mm) GLASS

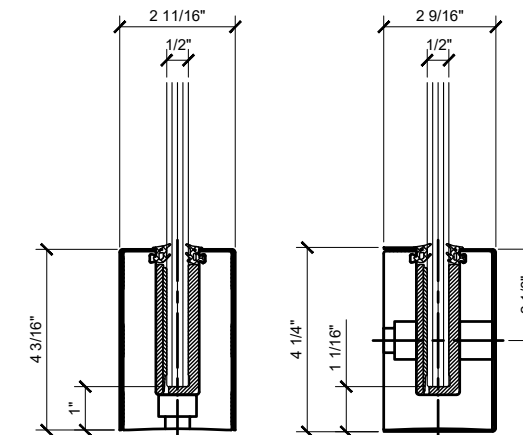
8B58 SERIES BASE SHOE



SURFACE MOUNT
FOR 3/4" (19mm) GLASS

FASCIA MOUNT
FOR 3/4" (19mm) GLASS

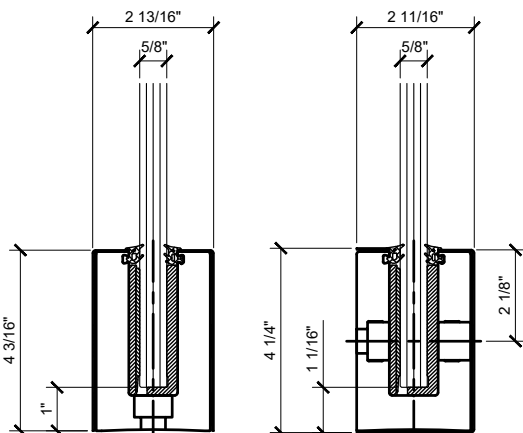
8B34 SERIES BASE SHOE



SURFACE MOUNT
FOR 1/2" (12mm) GLASS

FASCIA MOUNT
FOR 1/2" (12mm) GLASS

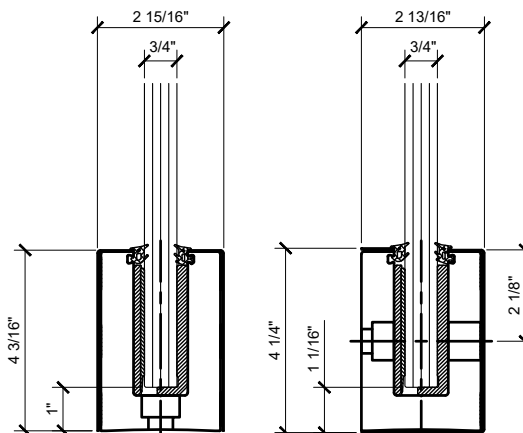
B5S SERIES BASE SHOE



SURFACE MOUNT
FOR 5/8" GLASS

FASCIA MOUNT
FOR 5/8" GLASS

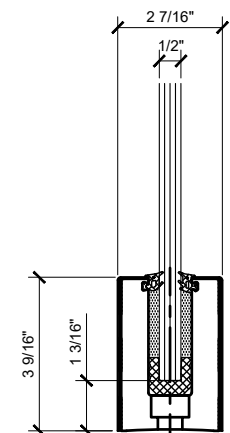
B6N SERIES BASE SHOE



SURFACE MOUNT
FOR 3/4" (19mm) GLASS

FASCIA MOUNT
FOR 3/4" (19mm) GLASS

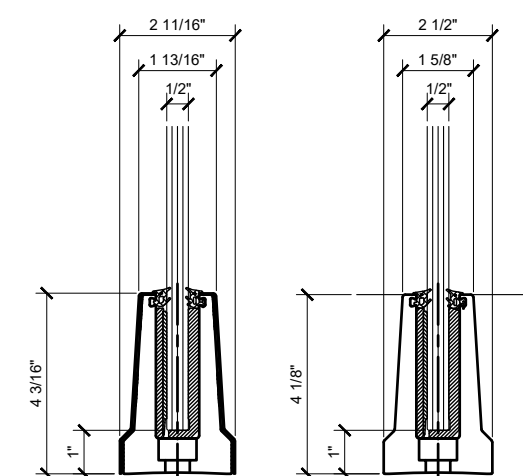
B7S SERIES BASE SHOE



SURFACE MOUNT
FOR 1/2" (12mm) GLASS

B5L SERIES BASE SHOE

*NOTE: B5L BASE SHOE CANNOT BE USED W/ TAPER-LOC ®.



SURFACE MOUNT
FOR 1/2" (12mm) GLASS

EMBEDDED INTO
CONCRETE
FOR 1/2" (12mm) GLASS

B5T SERIES BASE SHOE

Revisions By:		
Δ	02/28/25	JO
Δ	06/28/21	AB
Δ	06/05/18	VM
Δ	08/12/16	JG
Δ	02/08/16	JG

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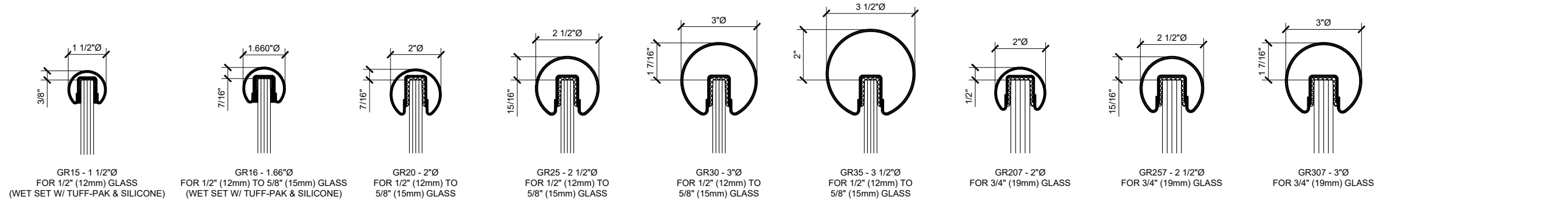
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PH: (800)-421-6144 FX: 800-587-7501 www.crlaurena.com



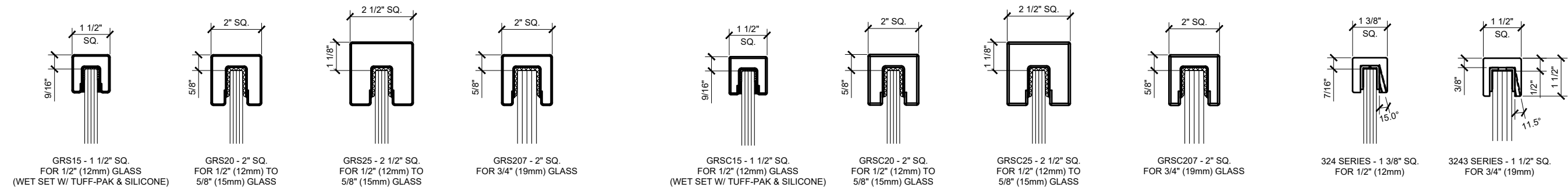
Description: **GRS**
GLASS RAILING SYSTEM
FOR TEMPERED MONOLITHIC
1/2", 5/8" & 3/4" THK. GLASS

BASE SHOE OPTIONS
SURFACE & FASCIA MOUNT

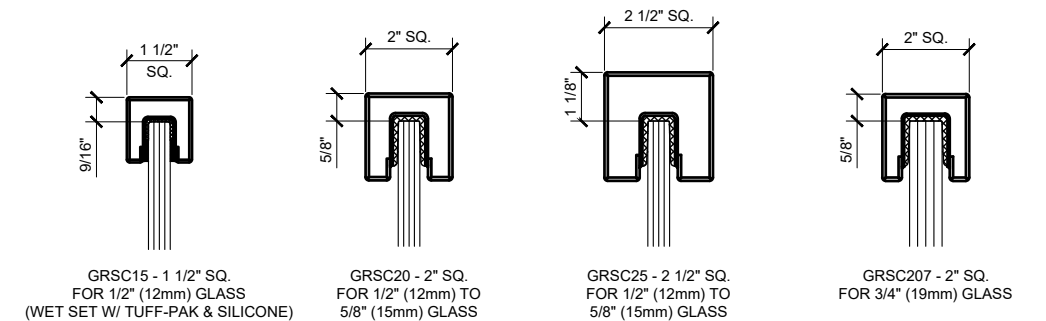
Drawn By:	JG
Date:	12/15/2015
Scale:	AS NOTED
File Name:	CRL GRS Monolithic Glass Railing System.dwg
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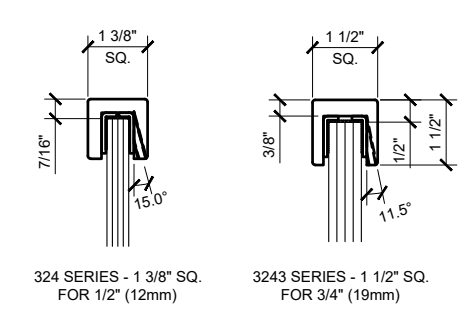
BUMP-FORMED & WELDED PREMIUM RADIUS PROFILE CAP RAIL



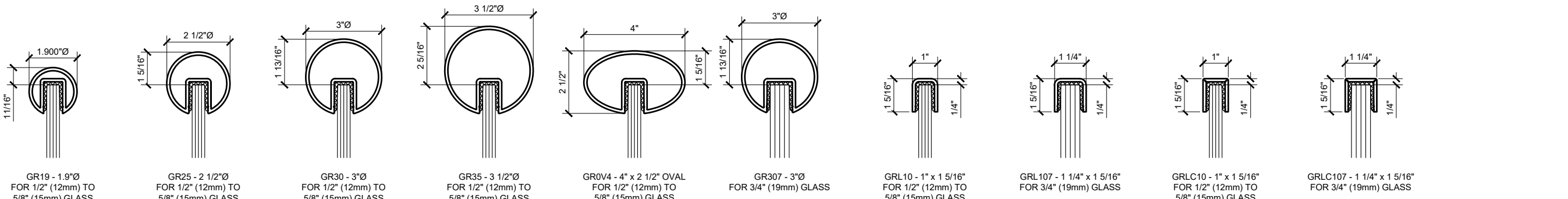
BUMP-FORMED & WELDED PREMIUM SQUARE PROFILE CAP RAIL



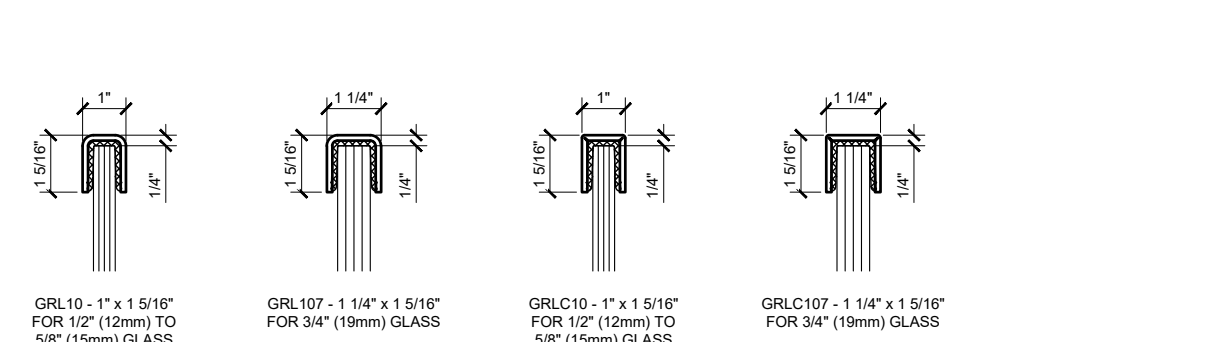
SQUARE PROFILE CRISP CORNER CAP RAIL



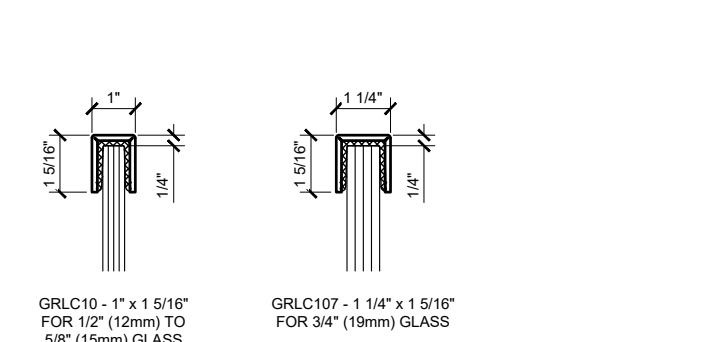
BLUMCRAFT® EXTRUDED SOLID ALUMINUM CAP RAIL



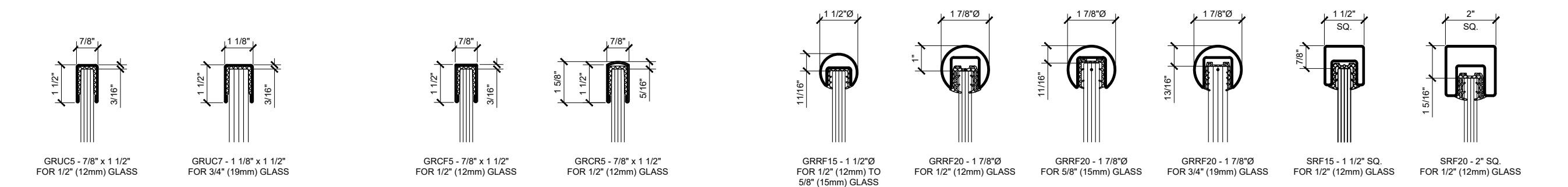
EXTRUDED ALUMINUM CAP RAIL



LOW PROFILE 11 GAUGE CAP RAIL

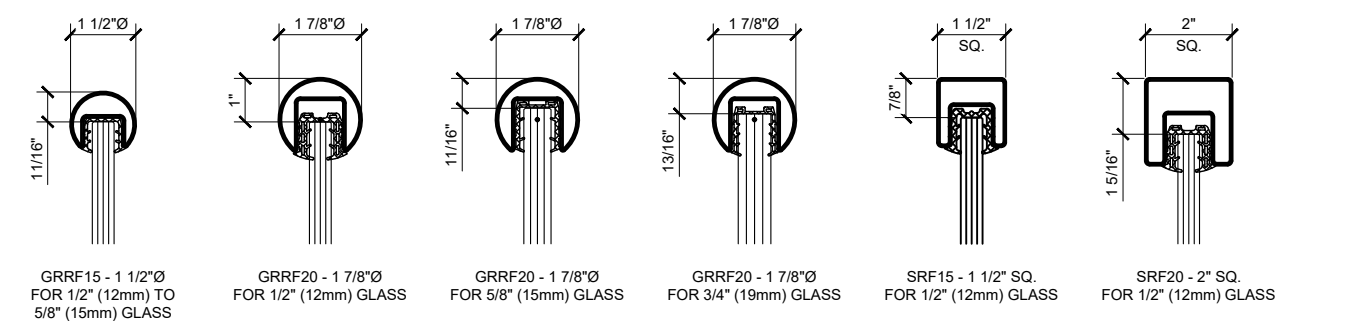


LOW PROFILE 11 GAUGE CRISP CORNER CAP RAIL



U-CHANNEL 18 GAUGE CAP RAIL

U-CHANNEL 18 GAUGE CRISP CORNER CAP RAIL



ROLL-FORMED CAP RAIL

Revisions By:

△	02/28/25	JO
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△	06/05/18	VM
△	08/12/16	JG
△	02/08/16	JG

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ESR-3269

Description:

GRS

GLASS RAILING SYSTEM
FOR TEMPERED MONOLITHIC
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CAP RAIL OPTIONS

Drawn By: JG

Date: 12/15/2015

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