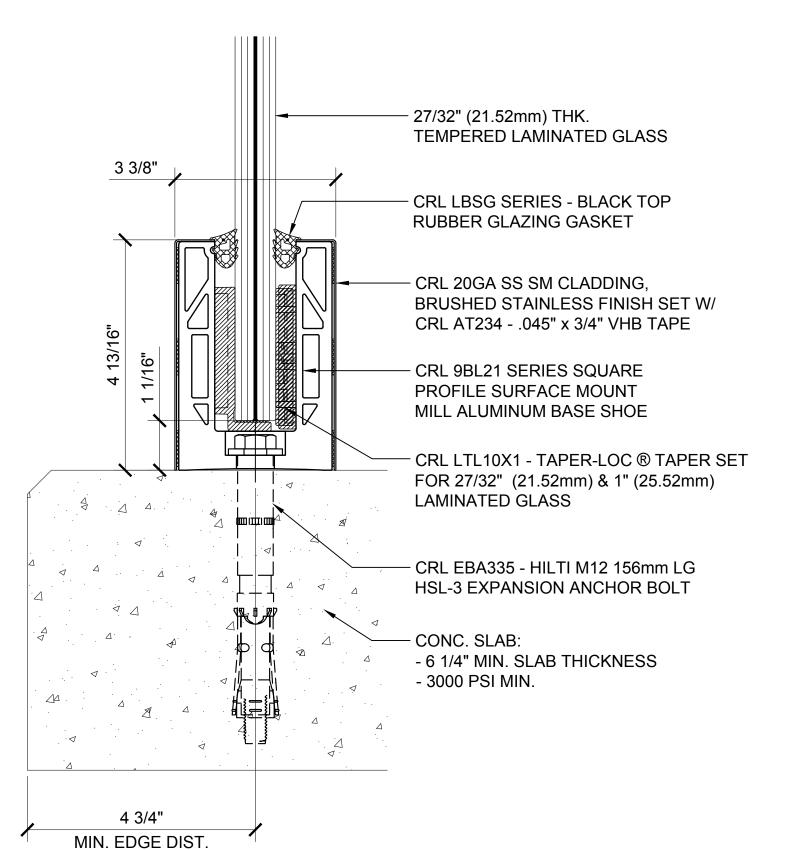


TYPICAL BASE SHOE ATTACHMENTS USING THE 9BL21 SERIES BASE SHOE WITH TAPER-LOC ® SYSTEM



SURFACE MOUNT DETAIL

CONCRETE SUBSTRATE

SUBSTRATE AND REGION OF PROJECT

11 13/16" (300mm) O.C. IS STANDARD

ANCHOR SPACING WILL DEPEND ON MOUNTING

3 3/8"

11 13/16" (300mm) ON CENTER ANCHOR SPACING

SURFACE MOUNT DETAIL

STEEL SUBSTRATE

INSTALLATION GUIDELINE:

WHEN ATTACHING DIRECTLY

THICK MIN. IF NOT USE CRL'S

- CRL HHCS14X34 - M14-2.0 x 20mm

HH BOLT W/ 28mm SS WASHER

TO STEEL MAKE SURE THE

STEEL THICKNESS IS 3/8"

1/2" THICK WELD BLOCKS

- DRILL AND TAP STEEL

FOR M14-2.0 THREAD

- HSS STRINGER MIN. 3/8" WALL THICKNESS

> SURFACE MOUNT DETAIL STEEL SUBSTRATE W/ WELD BLOCK

INSTALLATION GUIDLINE: DURING THE INSTALLATION PROCESS MAKE SURE A

CERTIFIED WELDER APPLIES

WELD ON TWO SIDES OF THE

CUSTOM CRL 20GA SS SM CLADDING,

BRUSHED STAINLESS FINISH SET W/

CRL AT234 - .045" x 3/4" VHB TAPE

CRL HHCS14X34 - M14-2.0 x 20mm

CRL LSWB21 - 3 3/8" x 3 3/16" x 1/2"

THK HOT ROLLED STEEL BASE

SHOE WELD BLOCK

- CONT. STEEL EMBED MIN.

- 5" MIN. SLAB THICKNESS

3/8" THK.

CONC. SLAB:

△ - 3000 PSI MIN.

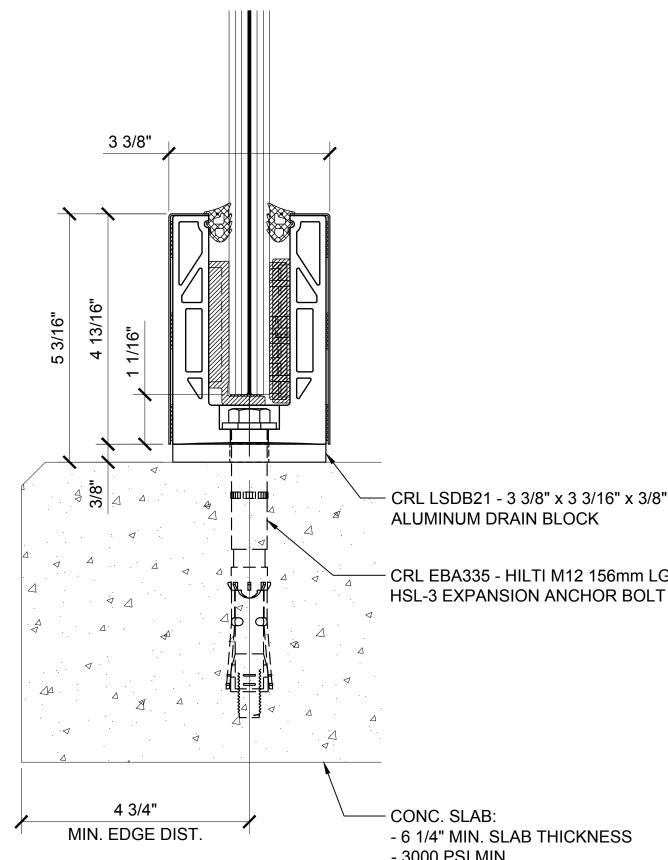
HH BOLT W/ 28mm SS WASHER

A 1/4" CONTINUOUS FILLET

WELD BLOCK

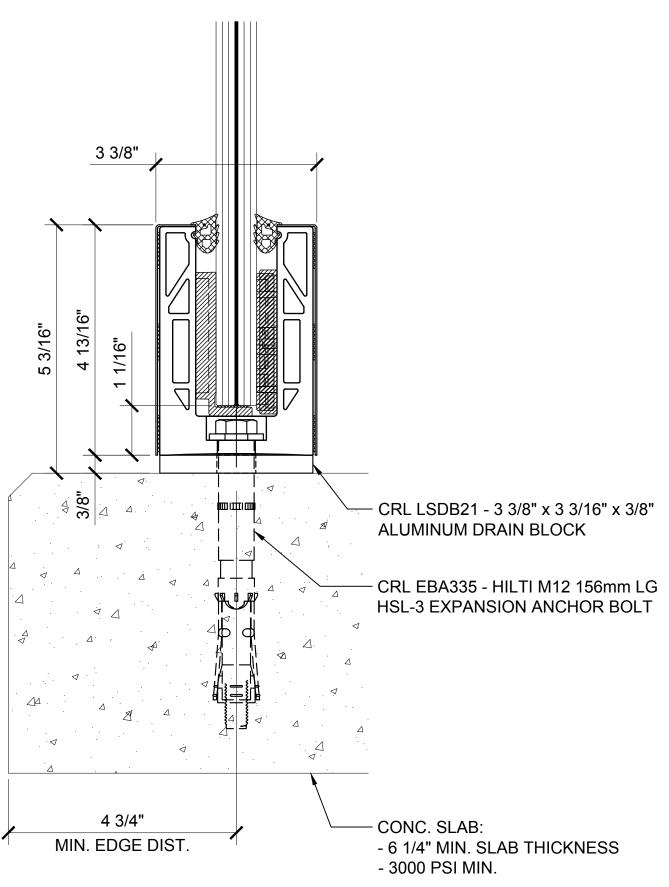
3 3/8"

11 13/16" (300mm) ON CENTER ANCHOR SPACING



SURFACE MOUNT DETAIL CONCRETE SUBSTRATE W/ DRAIN BLOCK

ANCHOR SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT 11 13/16" (300mm) O.C. IS STANDARD

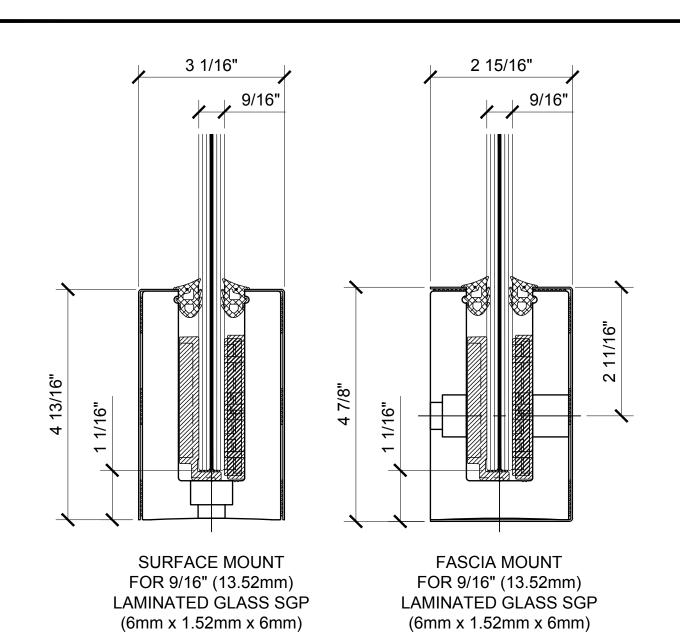


Revisions By:

GLASS RAILING SYSTEM FOR TEMPERED LAMINATED 16" (13.52mm), 11/16" (17.52mr 32" (21.52mm) & 1 1/16" (25.52r THK. GLASS

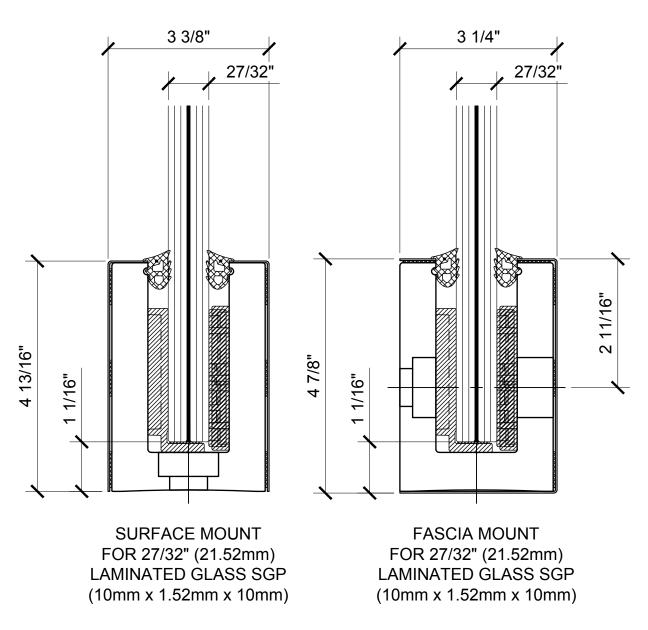
Drawn By: JG Date: 02/08/2016 Scale: AS NOTED

CRL GRS Laminated Glass Railing System.dw



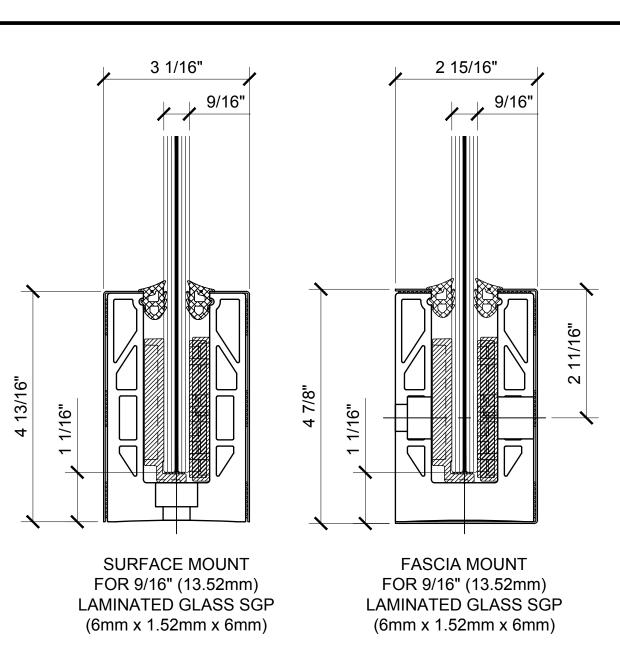
L56S SERIES BASE SHOE

LTL96X1 TAPERLOC



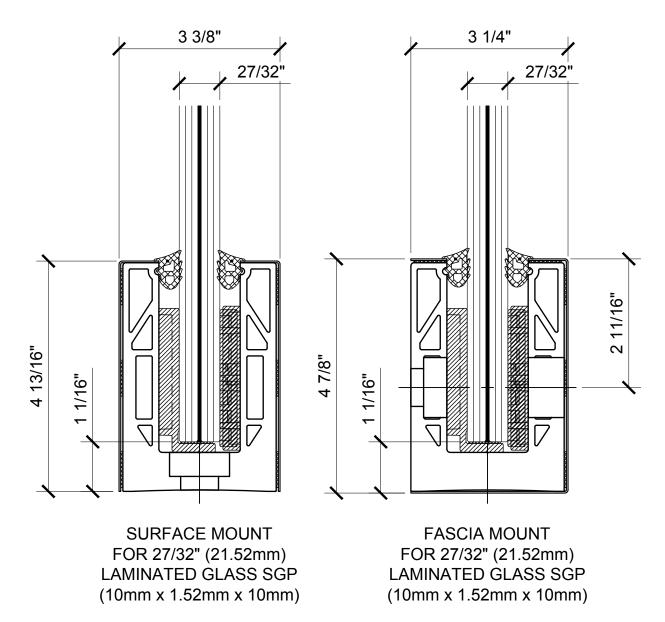
L21S SERIES BASE SHOE

LTL10X1 TAPERLOC



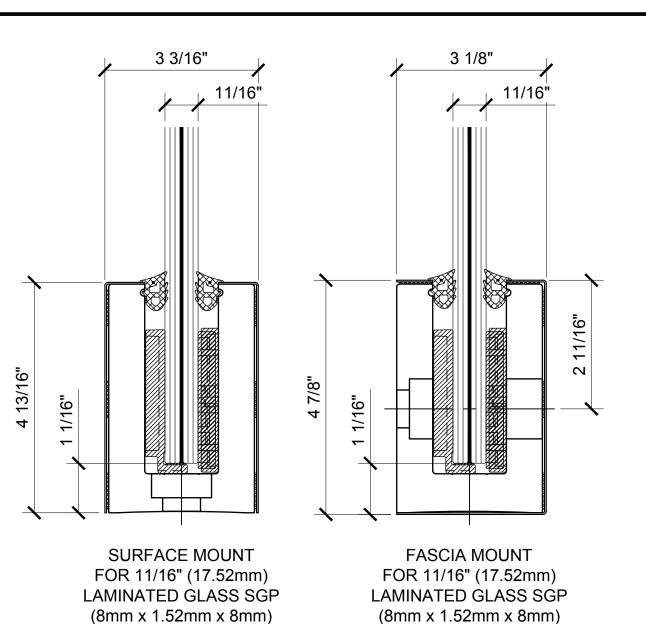
9BL56 SERIES BASE SHOE

LTL96X1 TAPERLOC



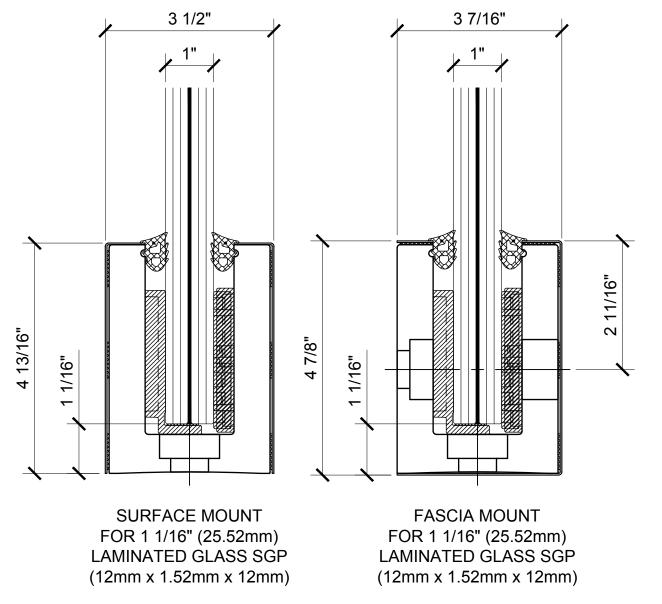
9BL21 SERIES BASE SHOE

LTL10X1 TAPERLOC



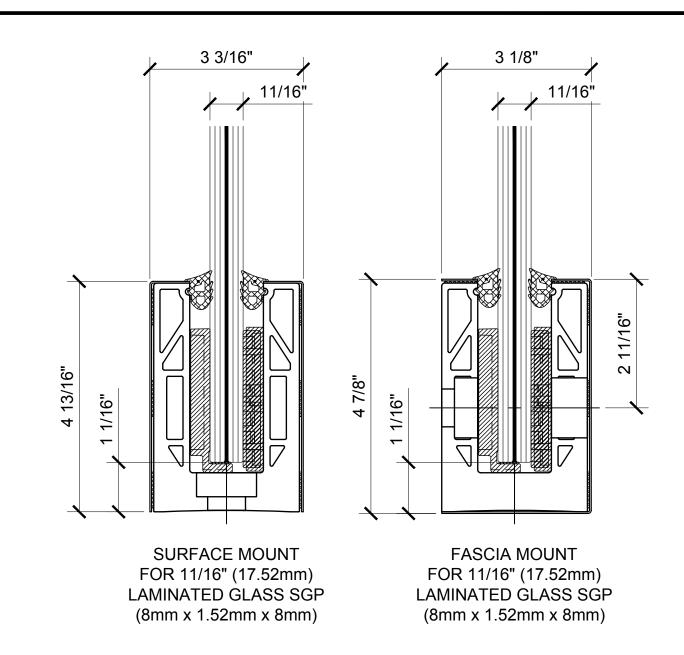
L68S SERIES BASE SHOE

LTL96X1 TAPERLOC



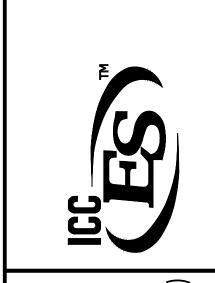
L25S SERIES BASE SHOE

LTL10X1 TAPERLOC



9BL68 SERIES BASE SHOE

LTL96X1 TAPERLOC



Revisions By:

MINCM

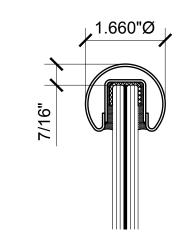
S SYSTEM AMINATED 16" (17.52m 1/16" (25.52

BASE SHOE OPTIONS SURFACE & FASCIA MOUNT

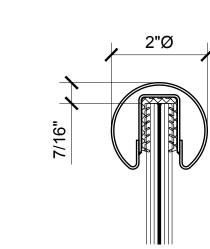
Drawn By: JG Date: 02/08/2016 **AS NOTED** Scale:

File Name:

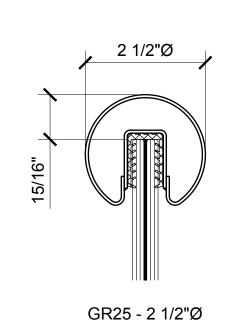
CRL GRS Laminated Glass Railing System.dw Sheet



GR15 - 1 1/2"Ø GR16 - 1.66"Ø FOR 9/16" (13.52mm) LAMINATED GLASS FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE) (WET SET W/ TUFF-PAK & SILICONE)



GR20 - 2"Ø FOR 9/16" (13.52mm) LAMINATED GLASS



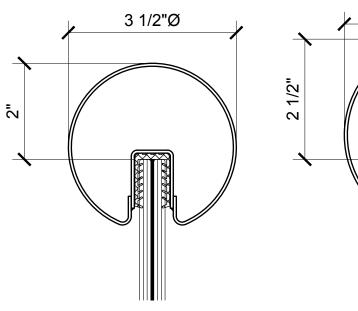
FOR 9/16" (13.52mm)

LAMINATED GLASS

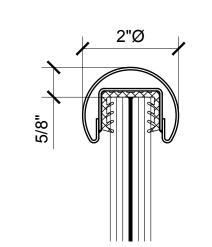
GR30 - 3"Ø

FOR 9/16" (13.52mm)

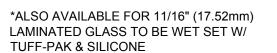
LAMINATED GLASS

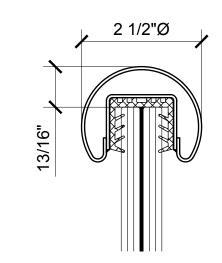


GR40 - 4"Ø GR35 - 3 1/2"Ø FOR 9/16" (13.52mm) FOR 9/16" (13.52mm) LAMINATED GLASS LAMINATED GLASS



LR20 - 2"Ø FOR 27/32" (21.52mm) & 1 1/16" (25.52mm) LAMINATED GLASS

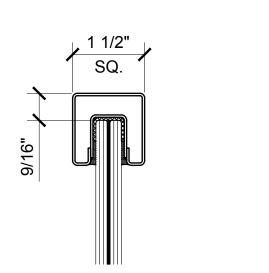




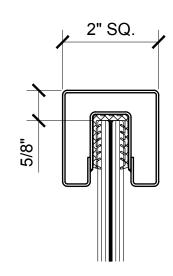
LR25 - 2 1/2"Ø FOR 27/32" (21.52mm) & 1 1/16" (25.52mm) LAMINATED GLASS

*ALSO AVAILABLE FOR 11/16" (17.52mm) LAMINATED GLASS TO BE WET SET W/ TUFF-PAK & SILICONE

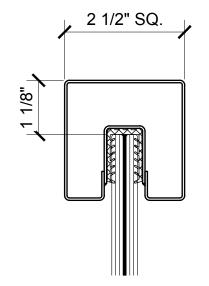
BUMP-FORMED & WELDED PREMIUM RADIUS PROFILE CAP RAIL



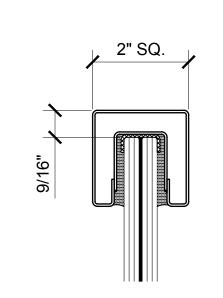
GRS15 - 1 1/2" SQ. FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)



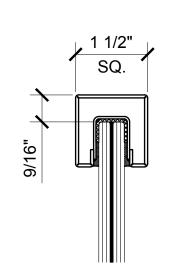
GRS20 - 2" SQ. FOR 9/16" (13.52mm) LAMINATED GLASS



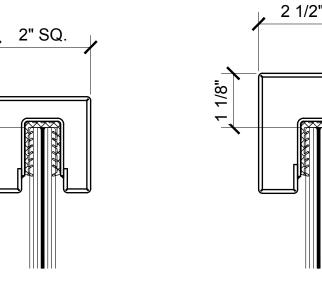
GRS25 - 2 1/2" SQ. FOR 9/16" (13.52mm) LAMINATED GLASS



GRS207 - 2" SQ. FOR 11/16" (17.52mm) & 27/32" (21.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)



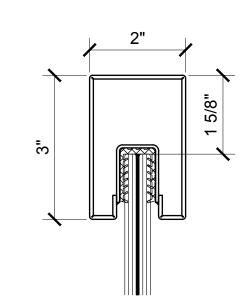
GRSC15 - 1 1/2" SQ. FOR 9/16" (13.52mm) LAMINATED GLASS FOR 9/16" (13.52mm) (WET SET W/ TUFF-PAK & SILICONE)



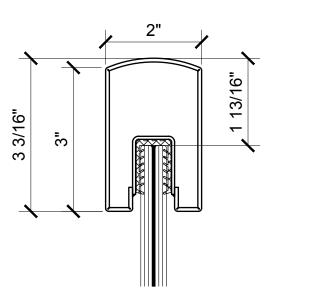
GRSC20 - 2" SQ.

LAMINATED GLASS

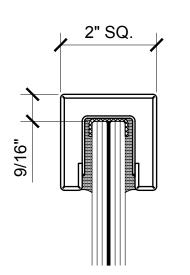
GRSC25 - 2 1/2" SQ. FOR 9/16" (13.52mm) LAMINATED GLASS



GRSC3BS - 2" x 3" FOR 9/16" (13.52mm) LAMINATED GLASS



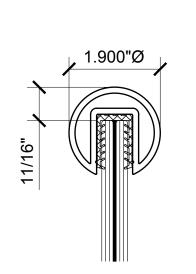
GRSCR3BS - 2" x 3" FOR 9/16" (13.52mm) LAMINATED GLASS



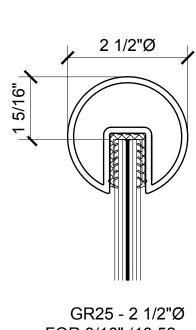
GRSC207 - 2" SQ. FOR 11/16" (17.52mm) & 27/32" (21.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)

BUMP-FORMED & WELDED PREMIUM SQUARE PROFILE CAP RAIL

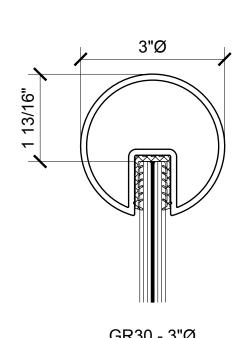




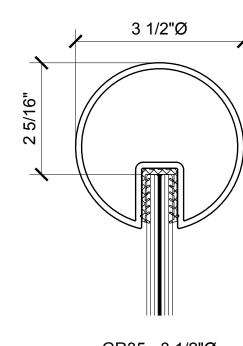
GR19 - 1.9"Ø FOR 9/16" (13.52mm) LAMINATED GLASS



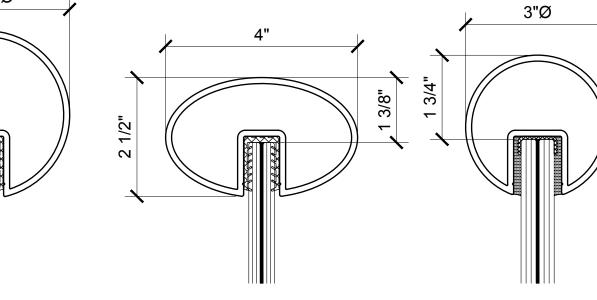
FOR 9/16" (13.52mm) LAMINATED GLASS



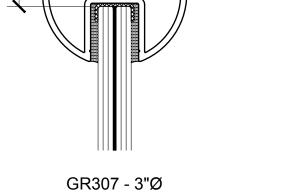
GR30 - 3"Ø FOR 9/16" (13.52mm) LAMINATED GLASS



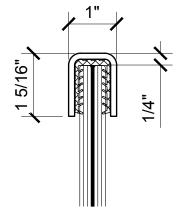
GR35 - 3 1/2"Ø FOR 9/16" (13.52mm) LAMINATED GLASS



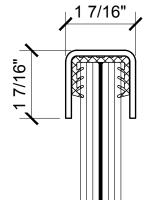
GR0V4 - 4" x 2 1/2" OVAL FOR 9/16" (13.52mm) LAMINATED GLASS



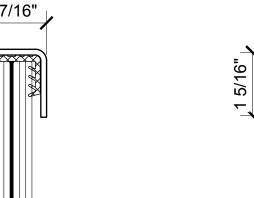
FOR 11/16" (17.52mm) & 27/32" (21.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)



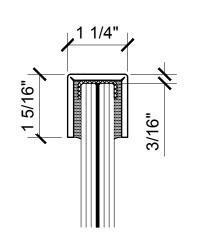
GRL10 - 1" x 1 5/16" FOR 9/16" (13.52mm) LAMINATED GLASS



TUFF-PAK & SILICONE



L10 - 1 7/16" x 1 7/16" FOR 27/32" (21.52mm) LAMINATED GLASS *ALSO AVAILABLE FOR 11/16" (17.52mm)



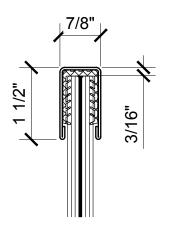
GRLC10 - 1" x 1 5/16" FOR 9/16" (13.52mm) LAMINATED GLASS

GRLC107 - 1 1/4" x 1 5/16" FOR 11/16" (17.52mm) & 27/32" (21.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)

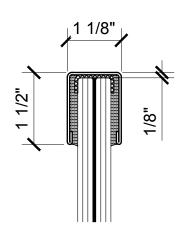
LOW PROFILE 11 GAUGE CAP RAIL

LAMINATED GLASS TO BE WET SET W/

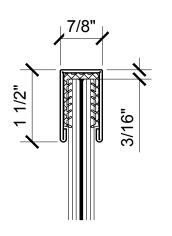
LOW PROFILE 11 GAUGE CRISP CORNER CAP RAIL



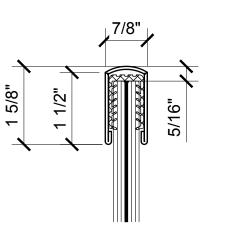
GRUC5 - 7/8" x 1 1/2" FOR 9/16" (13.52mm) LAMINATED GLASS



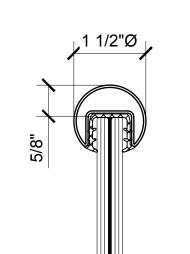
GRUC7 - 1 1/8" x 1 1/2" FOR 11/16" (17.52mm) & 27/32" (21.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)



GRUCF5 - 7/8" x 1 1/2" FOR 9/16" (13.52mm) LAMINATED GLASS



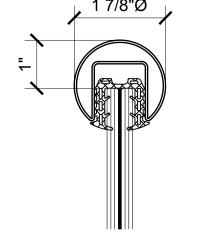
GRUCR5 - 7/8" x 1 1/2" FOR 9/16" (13.52mm) LAMINATED GLASS



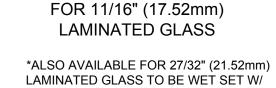
GRRF15 - 1 1/2"Ø FOR 9/16" (13.52mm) LAMINATED GLASS

TUFF-PAK & SILICONE

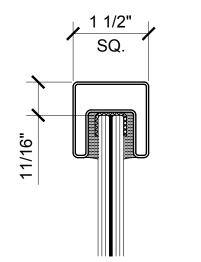
*ALSO AVAILABLE FOR 11/16" (17.52mm) LAMINATED GLASS TO BE WET SET W/



GRRF20 - 1 7/8"Ø FOR 9/16" (13.52mm) LAMINATED GLASS



GRRF20 - 1 7/8"Ø



SRF15 - 1 1/2" SQ. FOR 9/16" (13.52mm) & 11/16" (17.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)

TUFF-PAK & SILICONE

02/08/2016

AS NOTED

OPTIONS

RAIL

Revisions By:

TEM IATED 7.52m (25.52

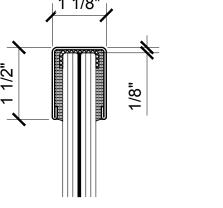
File Name: CRL GRS Laminated Glass Railing System.dv Sheet

Scale:

Drawn By: JG

EXTRUDED ALUMINUM CAP RAIL

U-CHANNEL 18 GAUGE CAP RAIL





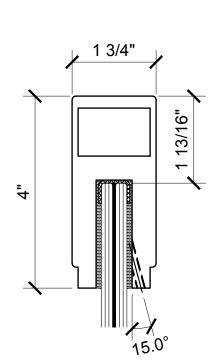


324 SERIES - 1 3/8" SQ. FOR 9/16" (13.52mm)

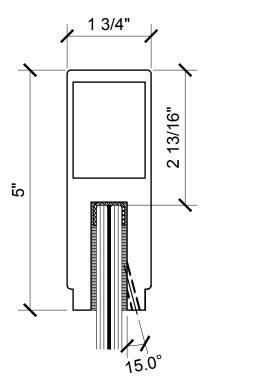
LAMINATED GLASS

(WET SET W/ TUFF-PAK & SILICONE)

BLUMCRAFT ® EXTRUDED SOLID ALUMINUM CAP RAIL



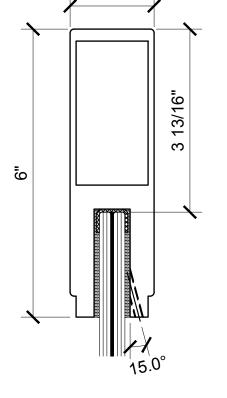
636 SERIES - 1 3/4" x 4" FOR 9/16" (13.52mm)
LAMINATED GLASS
(WET SET W/ TUFF-PAK & SILICONE)



637 SERIES - 1 3/4" x 5" FOR 9/16" (13.52mm)

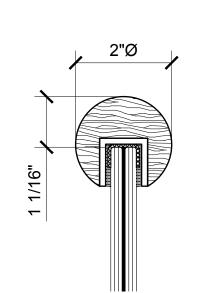
LAMINATED GLASS

(WET SET W/ TUFF-PAK & SILICONE)



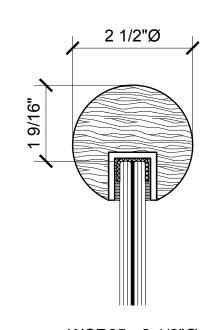
638 SERIES - 1 3/4" x 6" FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)

BLUMCRAFT ® EXTRUDED ALUMINUM CAP RAIL

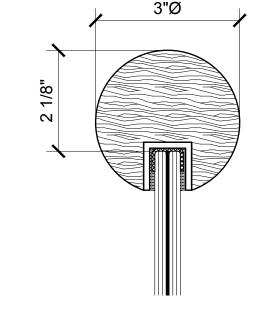


WCR20 - 2"Ø FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)

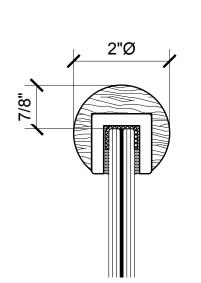
WOOD CAP RAIL



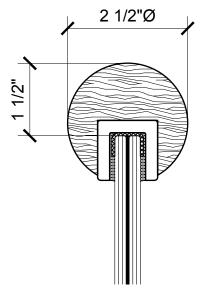
WCR25 - 2 1/2"Ø FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)

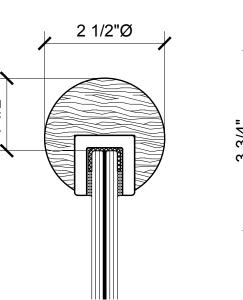


WCR30 - 3"Ø FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)

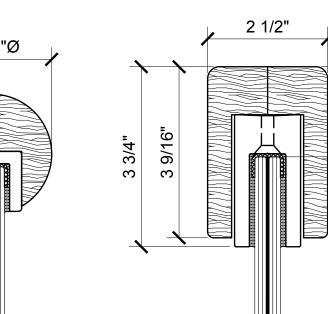


346 SERIES - 2"Ø FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)

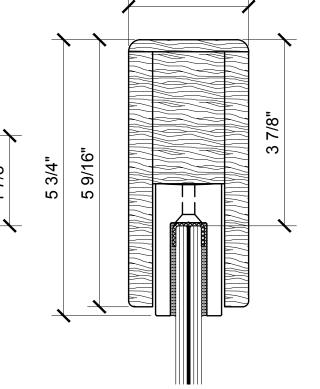




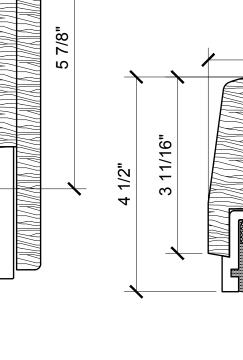
347 SERIES - 2 1/2"Ø FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)



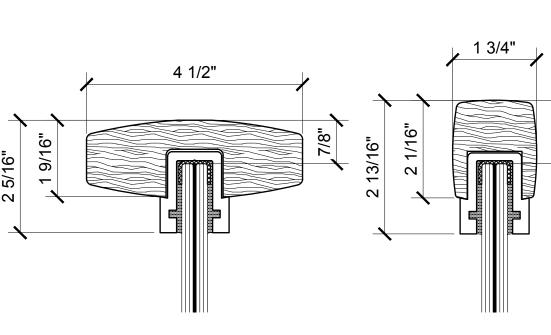
631 SERIES - 2 1/2" x 3 3/4" FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)



632 SERIES - 2 1/2" x 5 3/4" FOR 9/16" (13.52mm) LAMINATED GLASS (WET SET W/ TUFF-PAK & SILICONE)



633 SERIES - 2 1/2" x 7 3/4" 372 SERIES - 2" x 4 1/2" FOR 9/16" (13.52mm) FOR 9/16" (13.52mm) LAMINATED GLASS LAMINATED GLASS (WET SET W/ TUFF-PAK & (WET SET W/ TUFF-PAK & SILICONE) SILICONE)



373 SERIES - 4 1/2" x 2 5/16" 397 SERIES - 1 34" x 2 13/16" FOR 9/16" (13.52mm) FOR 9/16" (13.52mm) LAMINATED GLASS LAMINATED GLASS (WET SET W/ TUFF-PAK & (WET SET W/ TUFF-PAK & SILICONE) SILICONE)

|--|

Revisions By:

Drawn By	: JG
Date:	02/08/2016
Scale:	AS NOTED
File Name	∋:

CRL GRS Laminated Glass Railing System.dwç

Sheet