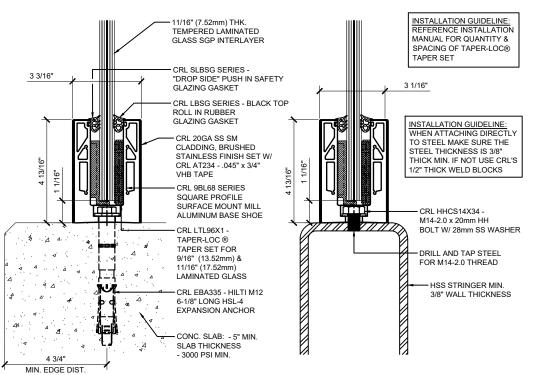
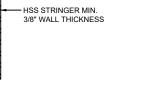


TYPICAL BASE SHOE ATTACHMENTS USING THE 9BL68 SERIES BASE SHOE WITH TAPER-LOC ® SYSTEM





3 3/16"

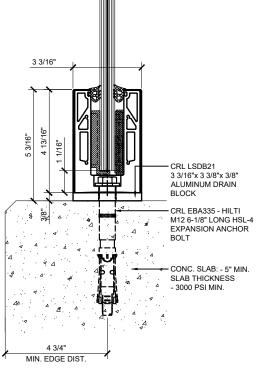
SURFACE MOUNT DETAIL STEEL SUBSTRATE W/ WELD BLOCK

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

INSTALLATION GUIDELINE:
DURING THE INSTALLATION PROCESS MAKE SURE A 3 3/16" CERTIFIED WELDER APPLIES A 1/4" CONTINUOUS FILLET WELD ON TWO SIDES OF THE WELD BLOCK - CRL 20GA SS SM CUSTOM CLADDING BRUSHED STAINLESS FINISH HOT ROLLED STEEL BASE SHOE WELD BLOCK CRL BSWMA2 5"x 5"x 5/16" THK x4" LG ZINC PLATED STEEL ANGLE @ 12' O.C. MAX CONT. STEEL EMBED MIN. 3/8" THK. (8) #14 x 3 LG SS COUNTERSUNK WOOD SCREWS CONC. SLAB: - 5" MIN. SLAB THICKNESS FIN. WALL - 3000 PSI MIN. WOOD BLOCKING in in in in ill WOOD FASCIA BOARD

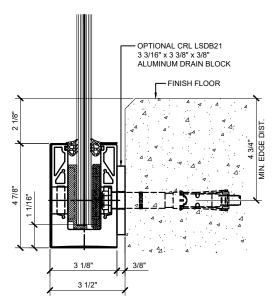
SURFACE MOUNT DETAIL WOOD SUBSTRATE

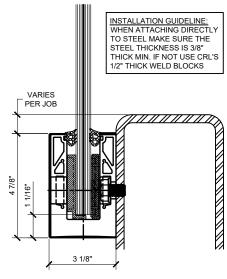
11 13/16" (300MM)ON CENTER ANCHOR SPACING



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. SPACING IS STANDARD

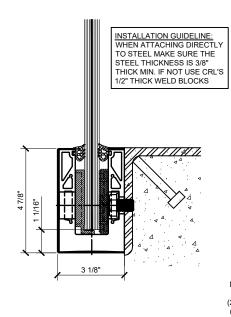


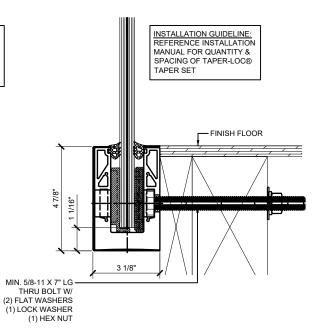


SURFACE MOUNT DETAIL

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

STEEL SUBSTRATE





INSTALLATION GUIDELINE: TO STEEL MAKE SURE THE STEEL THICKNESS IS 3/8" - FIN. FLOOR THICK MIN. IF NOT USE CRL'S /2" THICK WELD BLOCKS CRL CUSTOM 20GA SS SM: CLADDING, BRUSHED STAINLESS FINISH SET W/ CRL AT234 - .045" x 3/4" VHB TAPE M14-2.0 X 45 MM HH BOLT W/(2) SS FLAT 5/8" Ø CLEAR HOLE BACKER ROD AND SEALANT IF REQ'D CONT. STEEL ANGLE MIN, 3/8" THK WALL FRAMING, SHEATHING AND FINISH PER ARCH

FASCIA MOUNT DETAIL CONCRETE SUBSTRATE

SURFACE MOUNT DETAIL

SUBSTRATE AND REGION OF PROJECT

ANCHOR SPACING WILL DEPEND ON MOUNTING

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

CONCRETE SUBSTRATE

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

FASCIA MOUNT DETAIL STEEL SUBSTRATE

FASCIA MOUNT DETAIL STEEL SUBSTRATE

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

FASCIA MOUNT DETAIL WOOD SUBSTRATE

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

SURFACE MOUNT DETAIL STEEL SUBSTRATE W/ CUSTOM CLADDING

Revisions By: 03/07/25 JO ΔR 01-31-25 03-07-22 RPD C.R.I **ESR-**3842 ription: CINO :LASS RAILING SYSTEM R TEMPERED LAMINATED 3.52mm), 11/16" (17.52mr 52" (21.52mm) & 1 1/16" (25.52mm) GLA FOR 6" (13.5 27/32" 9 ര SHOE & ACE & MOUNT BASE SURF, Drawn ByJG / RPD Date: 12/03/2021

Scale: AS NOTED File Name:

CRL GRS Laminated Glass Railing Sys

Sheet

2

Revisions By: TYPICAL BASE SHOE ATTACHMENTS USING THE 9BL21 SERIES BASE SHOE WITH TAPER-LOC ® SYSTEM 03/07/25 01-31-25 INSTALLATION GUIDELINE: REFERENCE INSTALLATION 03-07-22 27/32" (21.52mm) THK. TEMPERED LAMINATED GLASS SGP INTERLAYER MANUAL FOR QUANTITY & SPACING OF TAPER-LOC® INSTALLATION GUIDELINE: DURING THE INSTALLATION TAPER SET CRL SLBSG SERIES PROCESS MAKE SURE A "DROP SIDE" PUSH IN SAFETY 3 3/16" 3 3/8" 3 3/8" CERTIFIED WELDER APPLIES A 1/4" CONTINUOUS FILLET GLAZING GASKET 3 3/8" CRL LBSG SERIES - BLACK TOP WELD ON TWO SIDES OF THE ROLL IN RUBBER WELD BLOCK GLAZING GASKET NSTALLATION GUIDELINE: WHEN ATTACHING DIRECTI - CRL 20GA SS SM CUSTOM CLADDING, BRUSHED O STEEL MAKE SURE THE CRL 20GA SS SM CLADDING, STEEL THICKNESS IS 3/8" BRUSHED STAINLESS FINISH STAINLESS FINISH SET HICK MIN. IF NOT USE CRL'S /2" THICK WELD BLOCKS W/ CRL AT234 -.045" x 3/4" VHB TAPE .045" x 3/4" VHB TAPE CRL LSDB21 CRL 9BL21 SERIES SQUARE - CRL LSWB21 3 3/16"x 3 3/8"x 3/8" ALUMINUM DRAIN PROFILE SURFACE MOUNT 3 3/8" x 3 3/16" x 1/2" THK MILL ALUMINUM BASE SHOE CRL HHCS14X34 -HOT ROLLED STEEL BLOCK M14-2.0 x 20mm HH BOLT BASE SHOE WELD BLOCK W/ 28mm SS WASHER CRL BSWMA2 CRL LTL10X1 -5"x 5"x 5/16" THK x4" LG TAPER-LOC ® TAPER SET ZINC PLATED STEEL ORILL AND TAP STEEL ANGLE @ 12' O.C. MAX FOR M14-2.0 THREAD 1" (25.52mm) LAMINATED GLASS (8) #14 x 3" I G SS · CONT. STEEL EMBED MIN. COUNTERSUNK - CRI_FBA335 - HII TI M12 6-1/8" WOOD SCREW LONG HSL-4 EXPANSION ANCHOR HSS STRINGER MIN. CONC. SLAB: 3/8" WALL THICKNESS - 5" MIN. SLAB THICKNESS CONC. SLAB: - 6 1/4" MIN CONC. SLAB: -- 3000 PSI MIN. WOOD BLOCKING SLAB THICKNESS 4 6 1/4" MIN. SLAB - 3000 PSI MIN THICKNESS - 3000 PSI MIN. WOOD FASCIA 4 3/4" 4 3/4" BOARD MIN. EDGE DIST. MIN. EDGE DIST. SURFACE MOUNT DETAIL CONCRETE SUBSTRATE STEEL SUBSTRATE STEEL SUBSTRATE W/ WELD BLOCK WOOD SUBSTRATE CONCRETE SUBSTRATE W/ DRAIN BLOCK ANCHOR SPACING WILL DEPEND ON MOUNTING 11 13/16" (300mm) ON CENTER ANCHOR SPACING 11 13/16" (300mm) ON CENTER ANCHOR SPACING 11 13/16" (300MM) ON CENTER ANCHOR SPACING ANCHOR SPACING WILL DEPEND ON MOUNTING ription: CINO :LASS RAILING SYSTEM R TEMPERED LAMINATED 3.52mm), 11/16" (17.52mr 52" (21.52mm) & 1 1/16" (25.52mm) SUBSTRATE AND REGION OF PROJECT 11 13/16" (300mm) O.C. IS STANDARD 11 13/16" (300mm) O.C. IS STANDARD INSTALLATION GUIDELINE: WHEN ATTACHING DIRECTL INSTALLATION GUIDELINE: REFERENCE INSTALLATION INSTALLATION GUIDELINE: NSTALLATION GUIDELINE: OPTIONAL CRL LSDB21 TO STEEL MAKE SURE THE TO STEEL MAKE SURE THE MANUAL FOR QUANTITY & TO STEEL MAKE SURE THE 3 3/16" x 3 3/8" x 3/8" STEEL THICKNESS IS 3/8" STEEL THICKNESS IS 3/8" STEEL THICKNESS IS 3/8" SPACING OF TAPER-LOC® FIN. FLOOR THICK MIN. IF NOT USE CRL'S THICK MIN. IF NOT USE CRL'S HICK MIN. IF NOT USE CRL'S 1/2" THICK WELD BLOCKS 1/2" THICK WELD BLOCKS 1/2" THICK WELD BLOCKS GLA FOR 6" (13.5 27/32" - FINISH FLOOR VARIES CRL CUSTOM 20GA SS SM PER JOB CLADDING, BRUSHED STAINLESS FINISH SET W/ FINISH FLOOR CRL AT234 - .045" x 3/4" M14-2.0 X 45 MM HH BOLT W/(2) SS FLAT WASHERS & 1 NUT CLEAR HOLE SHOE GACE & MOUNT BACKER ROD AND SEALANT IF REQ'D CONT. STEEL ANGLE BASE SURF, MIN, 3/8" THK 3 1/4" 3 1/4" 3 1/4" WALL FRAMING, SHEATHING AND FINISH PER ARCH. MIN 5/8-11 X 7" I G 3 5/8" THRU BOLT W/ (2) FLAT WASHERS Drawn ByJG / RPD (1) LOCK WASHER Date: 12/03/2021 Scale: AS NOTED File Name: **FASCIA MOUNT DETAIL FASCIA MOUNT DETAIL FASCIA MOUNT DETAIL FASCIA MOUNT DETAIL** SURFACE MOUNT DETAIL CRL GRS Laminated Glass Railing Sys CONCRETE SUBSTRATE STEEL SUBSTRATE STEEL SUBSTRATE WOOD SUBSTRATE STEEL SUBSTRATE W/ CUSTOM CLADDING Sheet ANCHOR SPACING WILL DEPEND ON MOUNTING 11 13/16" (300MM) ON CENTER ANCHOR SPACING 11 13/16" (300MM) ON CENTER ANCHOR SPACING ANCHOR SPACING WILL DEPEND ON MOUNTING 11 13/16" (300MM) ON CENTER ANCHOR SPACING SUBSTRATE AND REGION OF PROJECT 11 13/16" (300MM) O.C. SPACING IS STANDARD 11 13/16" (300MM) O.C. SPACING IS STANDARD 3

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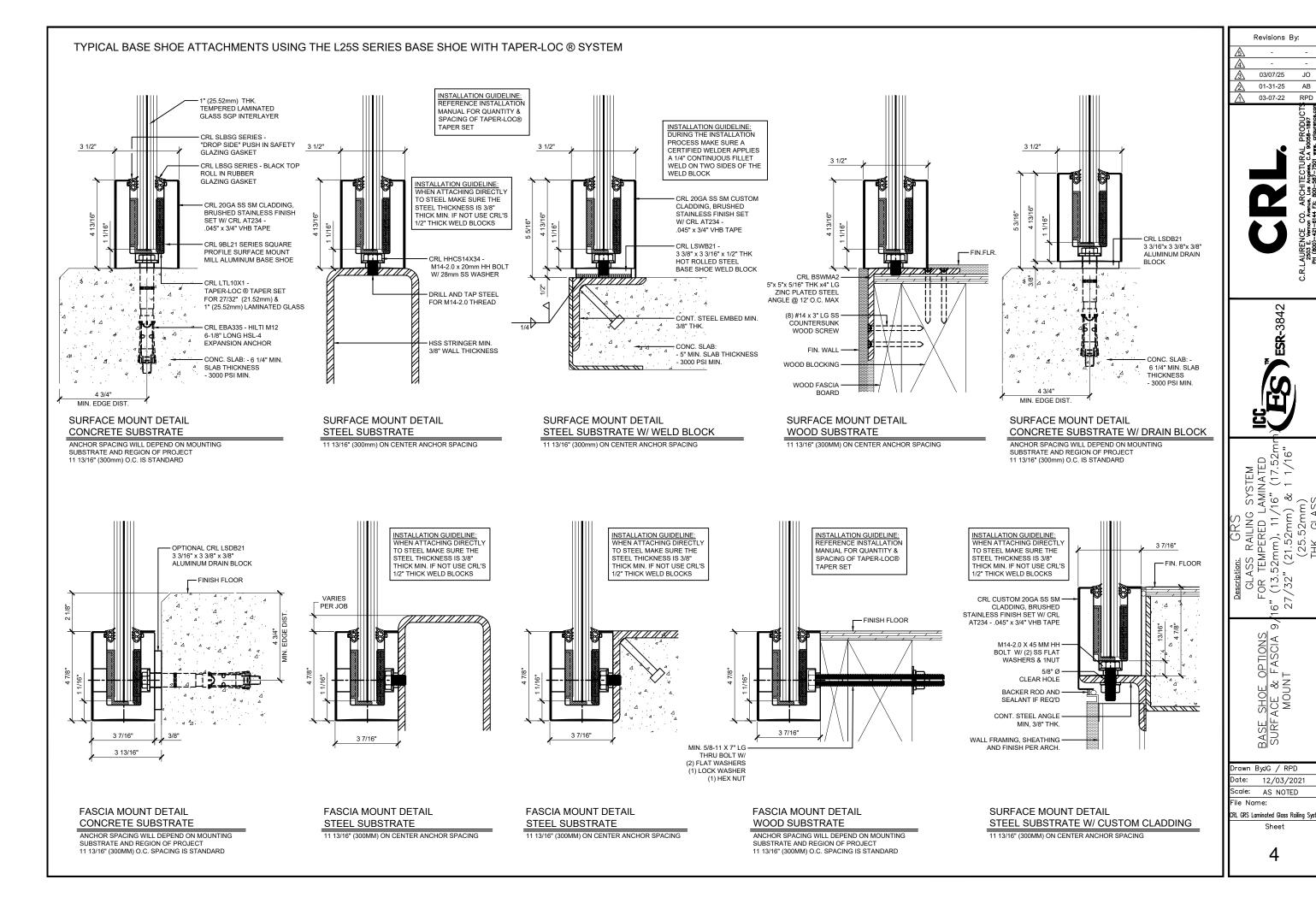
RPD

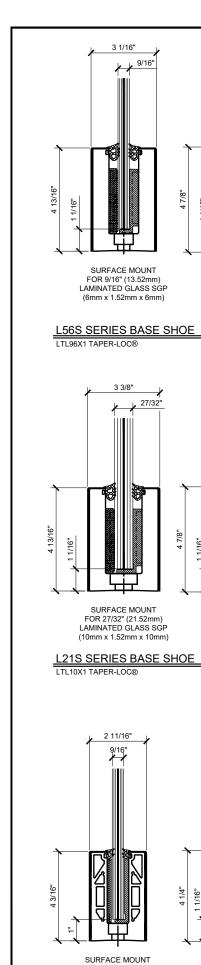
C.R.I

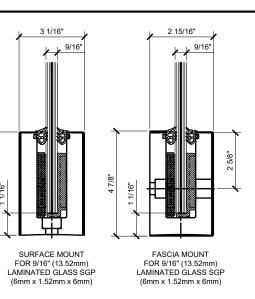
ESR-3842

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FASCIA MOUNT

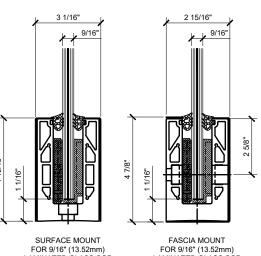
FOR 27/32" (21.52mm) LAMINATED GLASS SGP

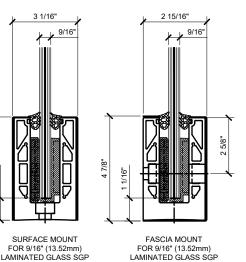
(10mm x 1.52mm x 10mm)

2 9/16"

FASCIA MOUNT

FOR 9/16" (14mm) GLASS



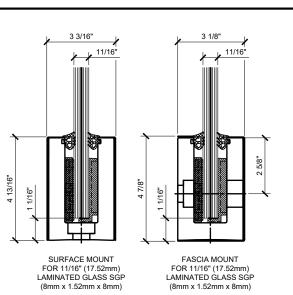


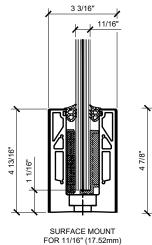
(6mm x 1.52mm x 6mm)

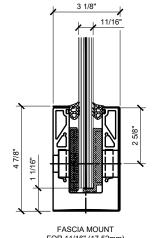
2 11/16"

FASCIA MOUNT

FOR 9/16" (14mm) GLASS







Revisions By:

03/07/25

01-31-25

03-07-22

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RPD

C.R.LAURENCE 2503 E. Verro PH (800)—421—

ESR-3842

Description: GRS
GLASS RAILING SYSTEM
FOR TEMPERED LAMINATED
/16" (13.52mm), 11/16" (17.52mm)
27/32" (21.52mm) & 1 1/16"
(25.52mm)

6

SHOE OPTIONS FACE & FASCIA 9 MOUNT

BASE SURF

Drawn ByJG / RPD Date: 12/03/2021 Scale: AS NOTED File Name:

CRL GRS Laminated Glass Railing Sys

Sheet

5

FOR 11/16" (17.52mm) LAMINATED GLASS SGP (8mm x 1.52mm x 8mm)

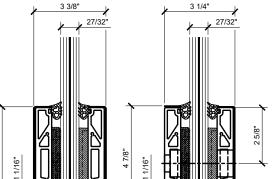
FOR 11/16" (17.52mm) LAMINATED GLASS SGP (8mm x 1.52mm x 8mm)

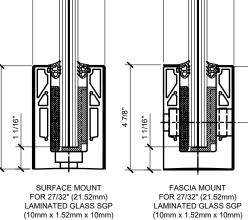
9BL68 SERIES BASE SHOE

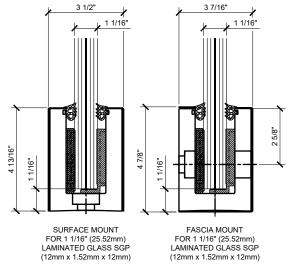
9BL56 SERIES BASE SHOE

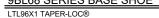
(6mm x 1.52mm x 6mm)

LTL96X1 TAPER-LOC®





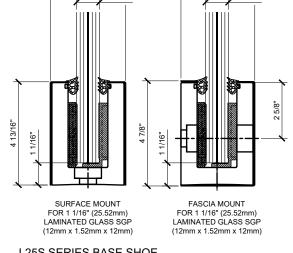




9BL21 SERIES BASE SHOE

LTL10X1 TAPER-LOC®

2 3/4"

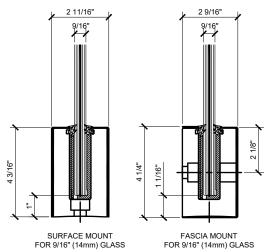


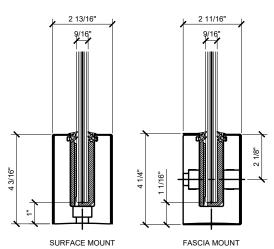
L25S SERIES BASE SHOE

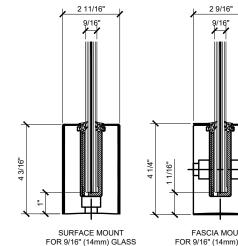
L68S SERIES BASE SHOE

LTL96X1 TAPER-LOC®

LTL10X1 TAPER-LOC®







B5S SERIES BASE SHOE
TL6 TAPER LOC

8B58 SERIES BASE SHOE

SURFACE MOUNT

FOR 9/16" (14mm) GLASS

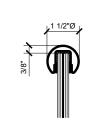
B5S SERIES BASE SH
200 02: ::20 D/ (02 01)

8B SERIES BASE SHOE LTL10X1 TAPER-LOC®

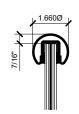
FOR 9/16" (14mm) GLASS

FOR 9/16" (14mm) GLASS FOR 9/16" (14mm) GLASS

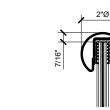
B6N SERIES BASE SHOE



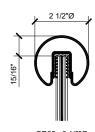
GR15 - 1 1/2"Ø FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS (WET SET W/ TUFF-PAK & SILICONE)



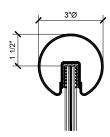
GR16 - 1.66"Ø FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS (WET SET W/ TUFF-PAK & SILICONE)



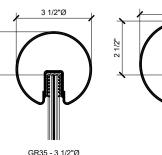
GR20 - 2"Ø FOR 9/16" (13.52mm) LAMINATED TEMPERÉD GLASS



GR25 - 2 1/2"Ø FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS

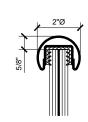


GR30 - 3"Ø FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS



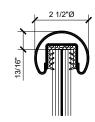
GLASS

GR40 - 4"Ø FOR 9/16" (13.52mm) FOR 9/16" (13.52mm) LAMINATED TEMPERÉD LAMINATED TEMPERED GLASS



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

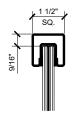
*ALSO AVAILABLE FOR 11/16" (17.52mm LAMINATED GLASS TO BE WET SET W/ TUFF-PAK & SILICONE



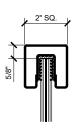
LR25 - 2 1/2"Ø FOR 27/32" (21.52mm) & 1 1/16" (25.52mm) LAMINATED TEMPERED GLASS

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

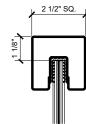
BUMP-FORMED & WELDED PREMIUM RADIUS PROFILE CAP RAIL



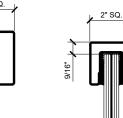
GRS15 - 1 1/2" SQ. FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS (WET SET W/ TUFF-PAK & SILICONE)



FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS

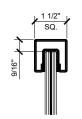


GRS25 - 2 1/2" SQ. LAMINATED TEMPERED GLASS

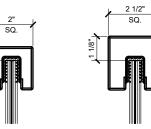


FOR 9/16" (13.52mm) FOR 11/16" (17.52mm) & 27/32" (21.52mm)

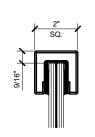
AMINATED TEMPERED LAMINATED TEMPERED GLASS (WET SET W/ TUFF-PAK & SILICONE)



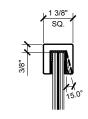
FOR 9/16" (13 52mm) LAMINATED TEMPERED GLASS (WET SET W/ TUFF-PAK & SILICONE)



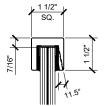
GRSC25 - 2 1/2" SQ. FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS



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



324 SERIES - 1 3/8" SQ. FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS LAMINATED TEMPERED GLASS (WFT SFT W/ TUFF-PAK & SILICONE



3243 SERIES - 1 1/2" SQ. FOR 11/16" (21 52mm) (WET SET W/ TUFF-PAK & SILICONE)

BUMP-FORMED & WELDED PREMIUM SQUARE PROFILE CAP RAIL

SQUARE PROFILE CRISP CORNER CAP RAIL



6

OPTIONS

RAIL

CAP

12/03/2021 Scale: AS NOTED

Drawn ByJG / RPD

Date:

File Name:

Revisions By:

03/07/25

01-31-25

03-07-22

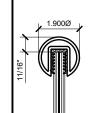
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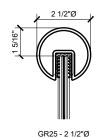
RPD

C.R.I

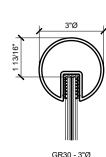
BLUMCRAFT ® EXTRUDED SOLID ALUM. CAP RAIL



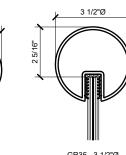
GR19 - 1.9"Ø FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS



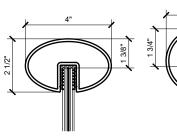
FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS



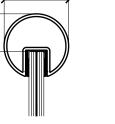
FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS



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



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



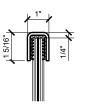
GRSC20 - 2" SQ.

FOR 9/16" (13 52mm)

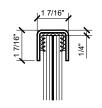
LAMINATED TEMPERED

GLASS

GR307 - 3"Ø FOR 11/16" (17.52mm) & 27/32" (21.52mm) LAMINATED TEMPERED GLASS (WET SET W/ TUFF-PAK & SILICONE)

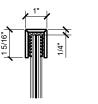


GRL10 - 1" x 1 5/16" FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS

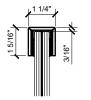


L10 - 1 7/16" x 1 7/16" FOR 27/32" (21.52mm) LAMINATED TEMPERED GLASS *ALSO AVAILABLE FOR 11/16" (17.52mm LAMINATED GLASS TO BE WET SET W/ TUFF-PAK & SILICONE

LOW PROFILE 11 GAUGE CAP RAIL



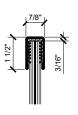
GRLC10 - 1" x 1 5/16" FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS



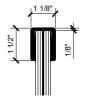
GRLC107 - 1 1/4" x 1 5/16" FOR 11/16" (17.52mm) & 27/32" (21.52mm) LAMINATED TEMPERED GLASS (WET SET W/ TUFF-PAK & SILICONE)

LOW PROFILE 11 GAUGE CRISP CORNER CAP RAIL

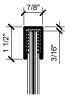
EXTRUDED ALUMINUM CAP RAIL



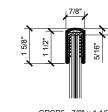
GRUC5 - 7/8" x 1 1/2" FOR 9/16" (13.52mm) TEMPERED GLASS



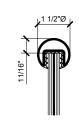
GRUC7 - 1 1/8" x 1 1/2" FOR 11/16" (17.52mm) & 27/32" (21.52mm) LAMINATED TEMPERED GLASS (WET SET W/ TUFF-PAK & SILICONE)



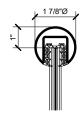
GRCF5 - 7/8" x 1 1/2" FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS



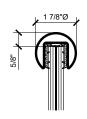
GRCR5 - 7/8" x 1 1/2" FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS



GRRF15 - 1 1/2"Ø FOR 9/16" (13.52mm LAMINATED TEMPERED GLASS *ALSO AVAILABLE FOR 11/16" (17.52mm) LAMINATED GLASS TO BE WET SET W/ TUFF-PAK & SILICONE

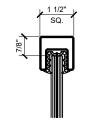


GRRF20 - 1 7/8"Ø FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS

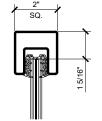


GRRF20 - 1 7/8"Ø FOR 11/16" (17.52mm) LAMINATED TEMPERED GLASS

*ALSO AVAILABLE FOR 27/32" (21.52mm) LAMINATED GLASS TO BE WET SET W/ TUFF-PAK & SILICONE



SRF15 - 1 1/2" SQ. FOR 9/16" (13.52mm) & 11/16" (17.52mm) LAMINATED TEMPERED GLASS SET W/ SRF1513PV CAP RAIL INSERT



FOR 9/16" (13.52mm) LAMINATED TEMPERED GLASS SET W/ GRRF2013PV CAP RAIL VINYL INSERT

U-CHANNEL 18 GAUGE CAP RAIL





CRL GRS Laminated Glass Railing Sys

Sheet

SRF20 - 2" SQ.