

# CRL 1100 SERIES ALUMINUM RAILING SYSTEM

\* 6005 ALLOY / T5 TEMPER

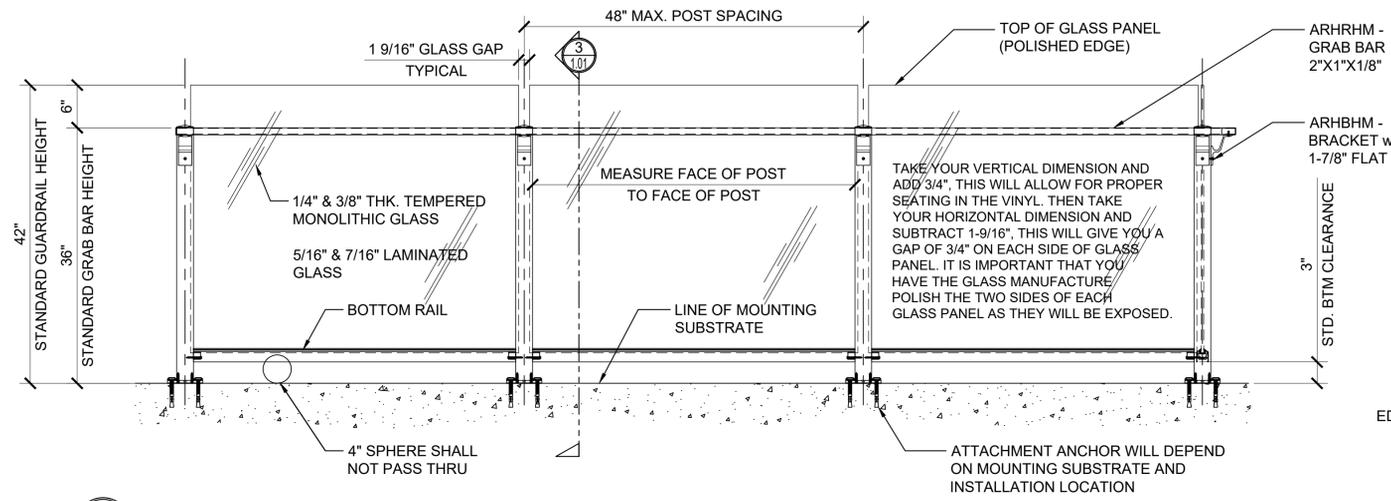
\* DESIGNED TO ACCEPT 1/4" AND 3/8" TEMPERED MONOLITHIC GLASS 5/16" AND 7/16" LAMINATED GLASS

\* 42" HEIGHT POST WITH CUSTOM HEIGHTS AVAILABLE

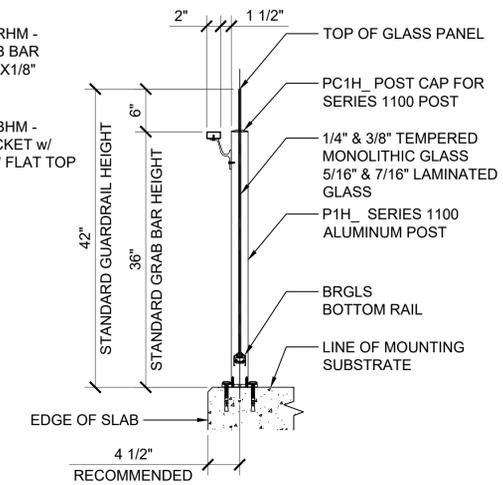
\* SEVEN STANDARD COLORS, MILL ALUMINUM AND CUSTOM POWDER COAT COLORS AVAILABLE

## STRUCTURAL DISCLAIMER:

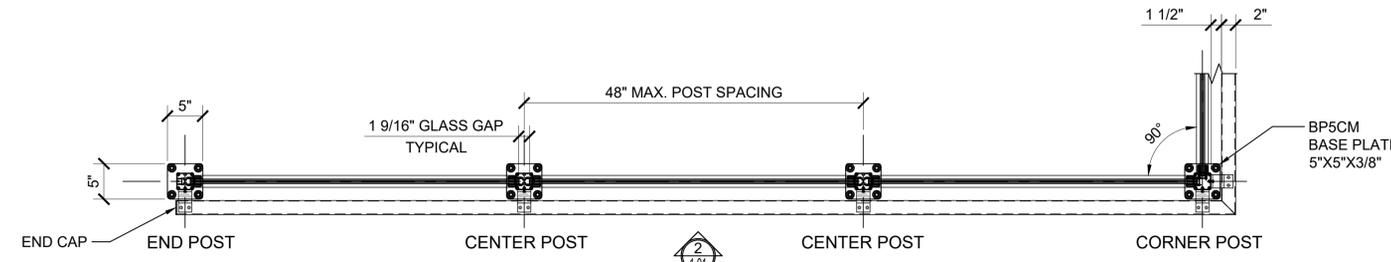
ALL CUSTOMERS WHO IN ANY WAY UTILIZE THIS PRODUCT ARE SOLELY RESPONSIBLE TO CONSULT A STRUCTURAL ENGINEER TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND SITE CONDITIONS. ALL INSTALLERS MUST BE QUALIFIED AND HAVE PROFESSIONAL KNOWLEDGE ABOUT COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS, SAFETY FACTORS, AND THE APPROPRIATE CHOICE OF FIXING MATERIAL AND PROCEDURES.



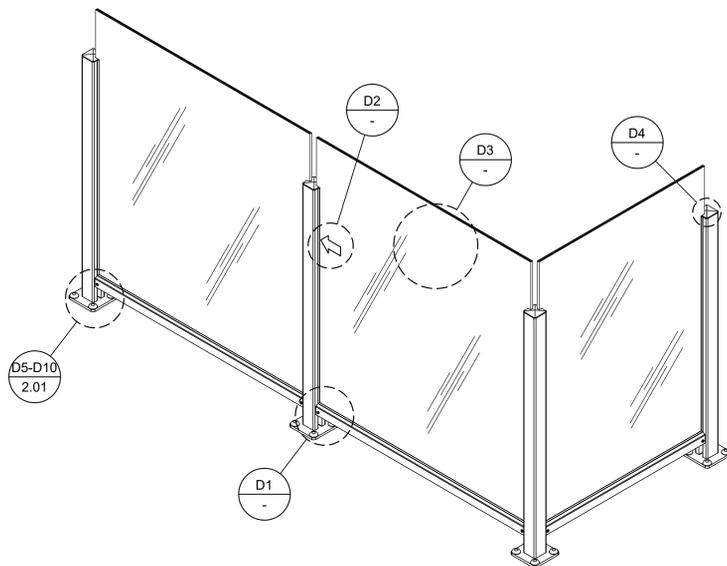
2 TYPICAL ALUMINUM RAILING ELEVATION  
1" = 1'-0"



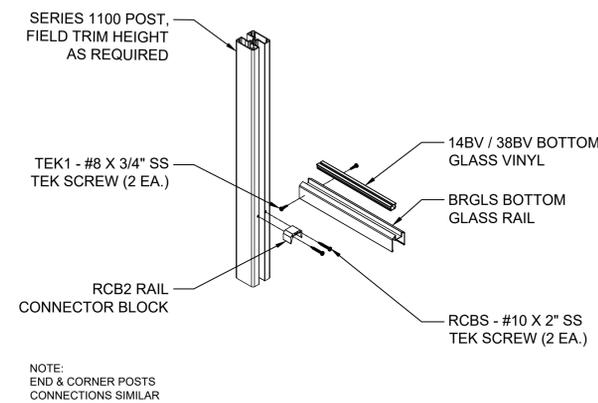
3 TYPICAL SECTION  
1" = 1'-0"



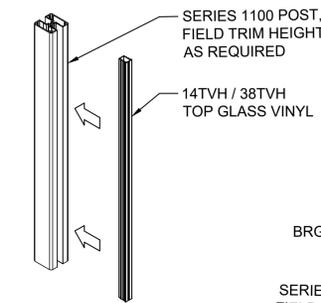
1 TYPICAL ALUMINUM RAILING PLAN  
1" = 1'-0"



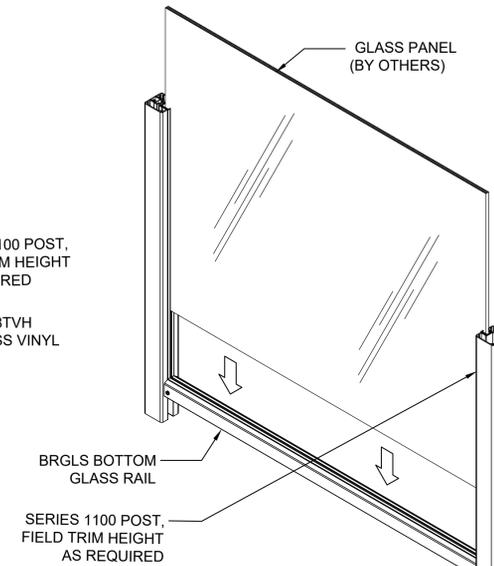
3 TYPICAL ALUMINUM RAILING ISOMETRIC  
1" = 1'-0"



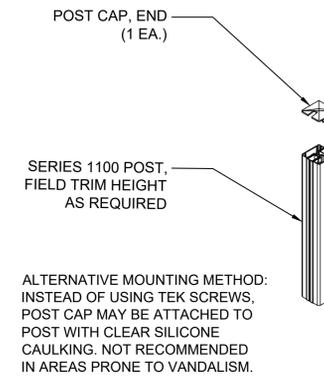
D1 TYPICAL BOT. RAIL TO POST CONNECTION  
3" = 1'-0"



D2 TYP. VINYL TO POST CONNECTION  
3" = 1'-0"



D3 TYP. GLASS PANEL INSTALLATION  
3" = 1'-0"



D4 TYP. POST CAP CONNECTION  
3" = 1'-0" (MULTILINE SIMILAR)

Revisions By:	
	07/27/2021 - RPD
	09/02/2021 - AB

**CRL**

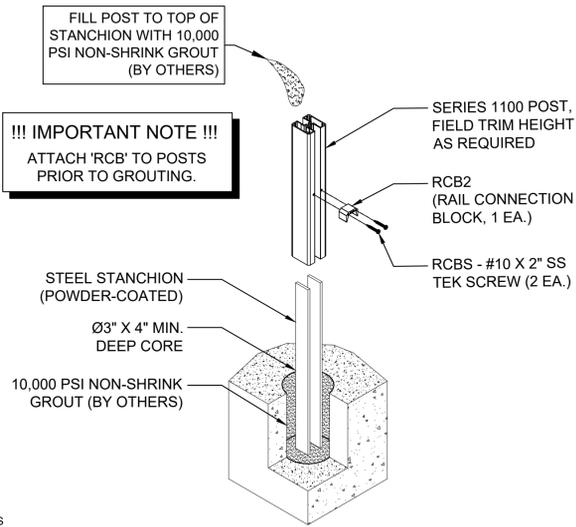
2503 E. Vernon Avenue, Los Angeles, CA 90058-1897  
PH: (800)-421-1444 FAX: (800)-587-7501 www.crlrailing.com

Description:  
CRL ARS  
ALUMINUM RAILING SYSTEM  
1100 SERIES

Drawn By: RPD  
Date: 07/27/2021  
Scale: AS NOTED  
File Name: SYS0074A\_1100\_Series\_Railing\_System

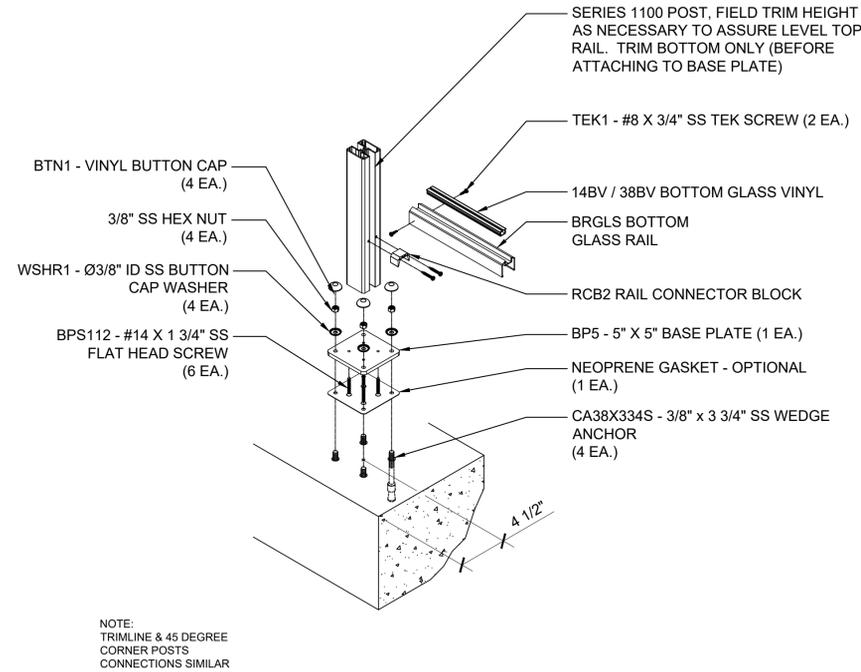
Sheet  
**1.01**

TYPICAL ARS ATTACHMENTS



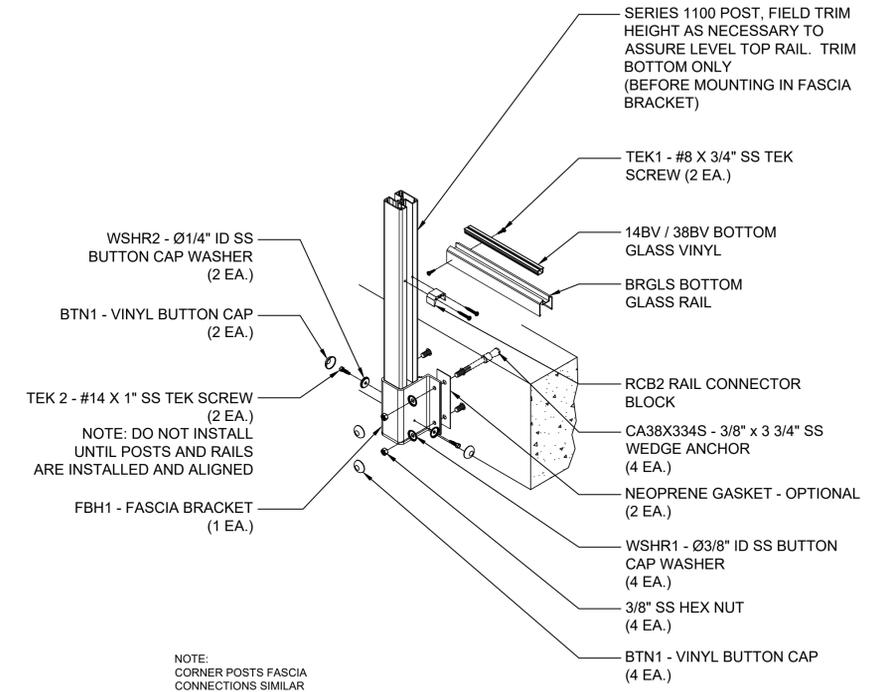
NOTE: SERIES 1100 CORNER POSTS CONNECTION SIMILAR

**D5** CONCRETE SUBSTRATE TYPICAL CORE MOUNT STANCHION DETAIL  
3" = 1'-0" SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



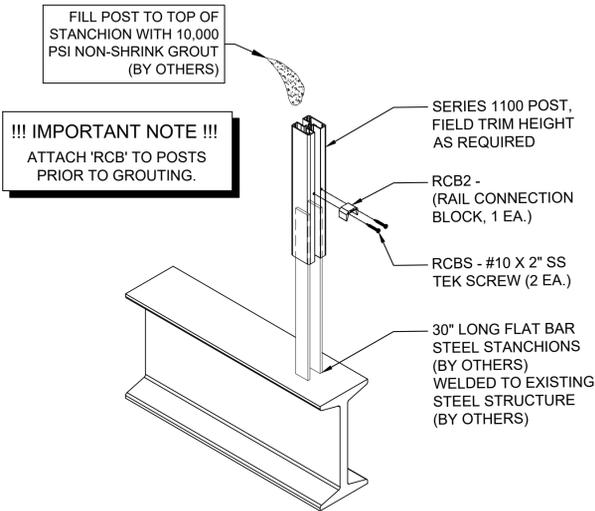
NOTE: TRIMLINE & 45 DEGREE CORNER POSTS CONNECTIONS SIMILAR

**D6** CONCRETE SUBSTRATE TYPICAL SURFACE MOUNT DETAIL  
3" = 1'-0" SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



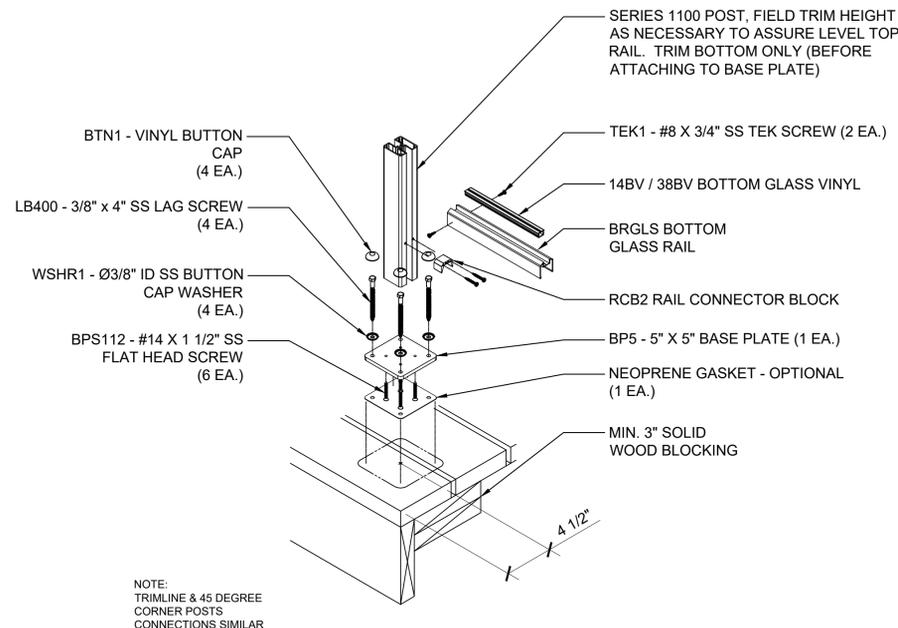
NOTE: CORNER POSTS FASCIA CONNECTIONS SIMILAR

**D7** CONCRETE SUBSTRATE TYPICAL FASCIA MOUNT DETAIL  
3" = 1'-0" SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



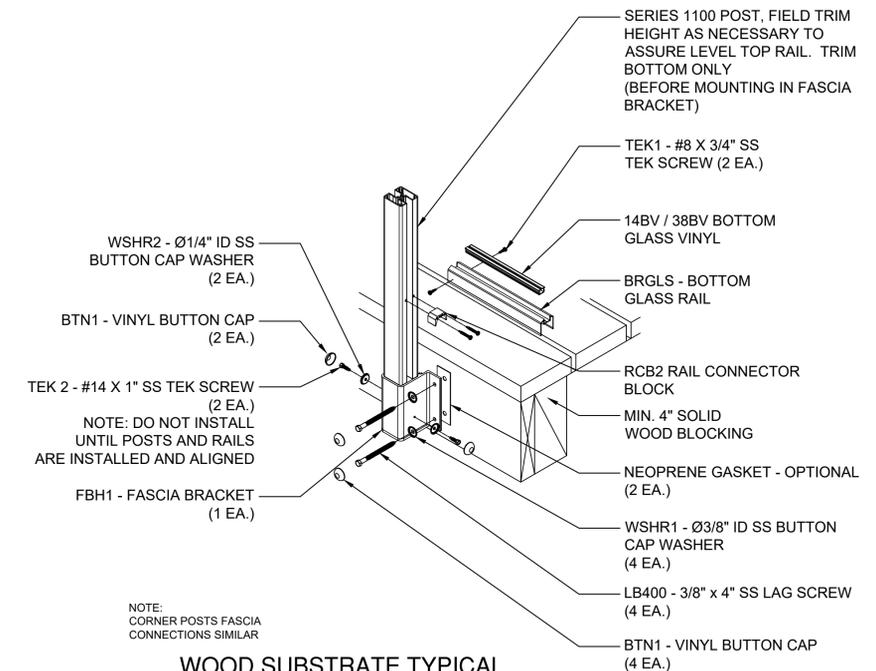
NOTE: SERIES 1100 CORNER POSTS CONNECTION SIMILAR

**D8** STEEL SUBSTRATE TYPICAL STANCHION MOUNT DETAIL  
3" = 1'-0" SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



NOTE: TRIMLINE & 45 DEGREE CORNER POSTS CONNECTIONS SIMILAR

**D9** WOOD SUBSTRATE TYPICAL SURFACE MOUNT DETAIL  
3" = 1'-0" SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT



NOTE: CORNER POSTS FASCIA CONNECTIONS SIMILAR

**D10** WOOD SUBSTRATE TYPICAL FASCIA MOUNT DETAIL  
3" = 1'-0" SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT

Revisions By:

07/27/2021 - RPD  
09/02/2021 - AB

**CRL**

2500 E. Vernon Avenue, Los Angeles, CA 90058, 1987  
PH: (800)-421-1444 FX: (800)-587-7501 www.crlence.com

Description:  
CRL ARS  
ALUMINUM RAILING SYSTEM  
1100 SERIES

Drawn By: RPD  
Date: 07/27/2021  
Scale: AS NOTED  
File Name: SYS0074A\_1100\_Series\_Railing\_System

Sheet

2.01

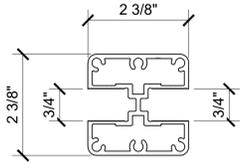
Revisions By:  
 07/27/2021 - RPD  
 09/02/2021 - AB



Description:  
 CRL ARS  
 ALUMINUM RAILING SYSTEM  
 1100 SERIES

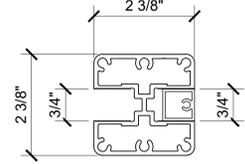
Drawn By: RPD  
 Date: 07/27/2021  
 Scale: AS NOTED  
 File Name: SYS0074A\_1100\_Series\_Railing\_System

Sheet  
**3.01**



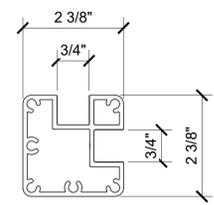
**P1** P1H241M  
 6" = 1'-0"

SERIES 1100 POST  
 241" LENGTH



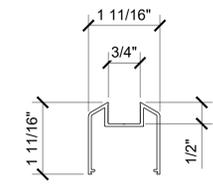
**P2** P1H241M  
 6" = 1'-0"

SERIES 1100 POST  
 W/ POCKET FILLER,  
 ONE SIDE  
 241" LENGTH



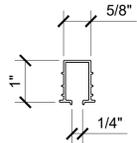
**P3** P1H9241M  
 6" = 1'-0"

SERIES 1100 POST  
 CORNER POST  
 241" LENGTH



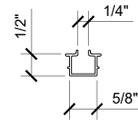
**P4** BRGLSM  
 6" = 1'-0"

BOTTOM RAIL,  
 GLASS  
 FULL STOCK (241")



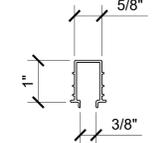
**P5** 14TVH  
 6" = 1'-0"

VINYL, TOP  
 GLASS (TGV), 1/4"  
 FULL STOCK (144")



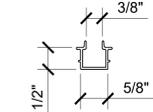
**P6** 14BV  
 6" = 1'-0"

VINYL, BOTTOM  
 GLASS (BGV), 1/4"  
 FULL STOCK (144")



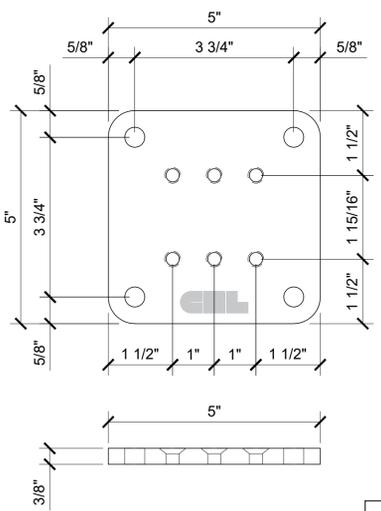
**P7** 38TVH  
 6" = 1'-0"

VINYL, TOP  
 GLASS (TGV), 3/8"  
 FULL STOCK (144")



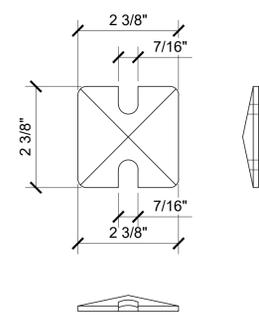
**P8** 38BV  
 6" = 1'-0"

VINYL, BOTTOM  
 GLASS (BGV), 3/8"  
 FULL STOCK (144")



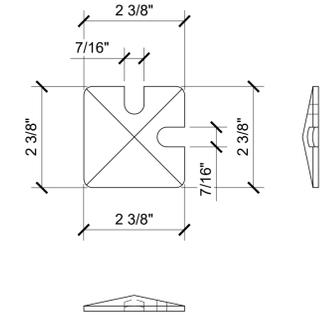
**P9** BP5M  
 6" = 1'-0"

BASE PLATE,  
 5"X5"X3/8"



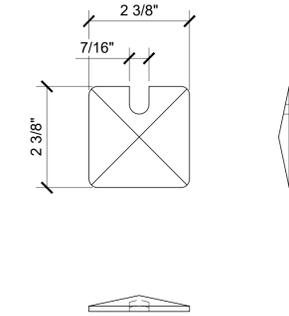
**P11** PC1HM  
 6" = 1'-0"

CAP SERIES  
 1100 POST,  
 DOUBLE-NOTCH,  
 INLINE POST



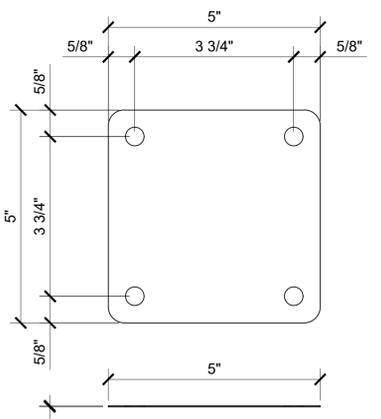
**P12** PC1H9M  
 6" = 1'-0"

CAP SERIES  
 1100 POST,  
 DOUBLE-NOTCH,  
 CORNER POST



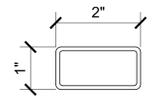
**P13** PC1HEM  
 6" = 1'-0"

CAP SERIES  
 1100 POST,  
 SINGLE-NOTCH,  
 END POST



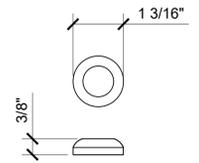
**P10** BPG1BL  
 6" = 1'-0"

NEOPRENE GASKET  
 5"X5"



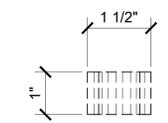
**P14** ARHRHM  
 6" = 1'-0"

GRAB BAR,  
 2"X1"X1/8"  
 FULL STOCK (20')



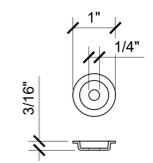
**P15** BTN1DS  
 6" = 1'-0"

BUTTON CAP,  
 VINYL,  
 DARK SILVER



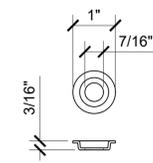
**P16** RCB2  
 6" = 1'-0"

RAIL CONNECTION  
 BLOCK (RCB),  
 STD., 1"



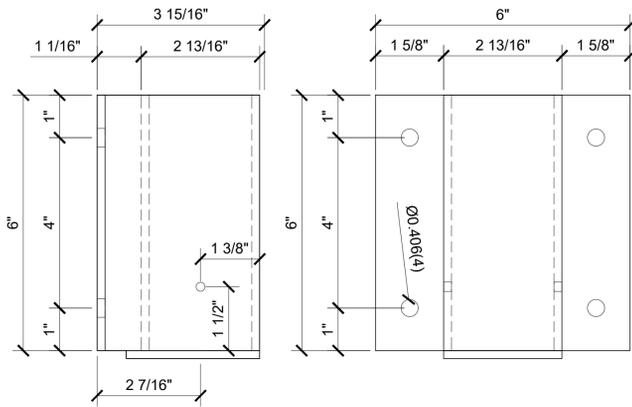
**P17** WHR2  
 6" = 1'-0"

WASHER,  
 BUTTON CAP,  
 1/4" ID, S/S



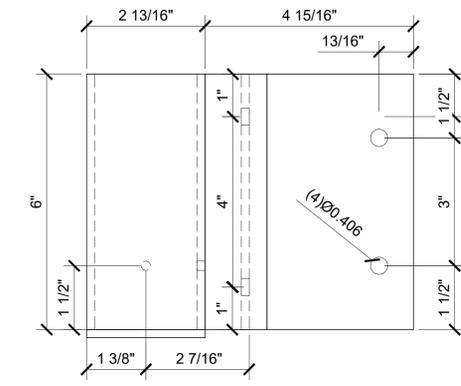
**P18** WHR1  
 6" = 1'-0"

WASHER,  
 BUTTON CAP,  
 3/8" ID, S/S



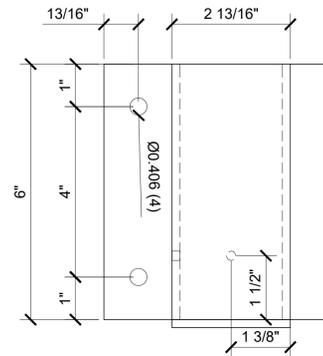
**P19** FBH1M  
6" = 1'-0"

FASCIA BRACKET,  
STD.



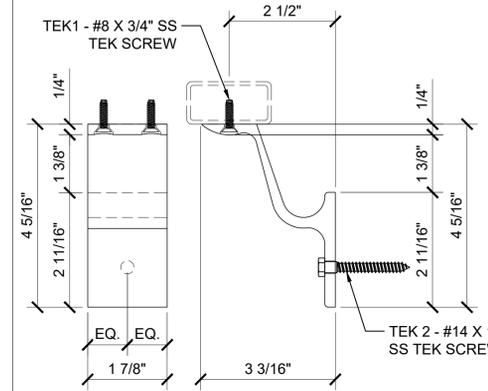
**P20** FBH2M  
6" = 1'-0"

FASCIA BRACKET,  
OUTSIDE CORNER



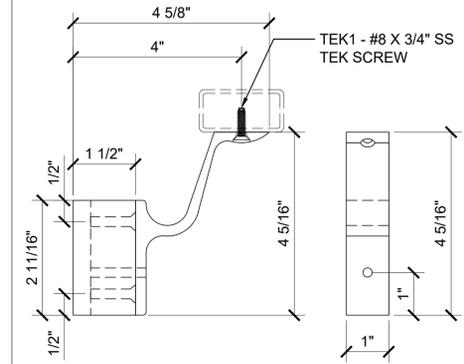
**P21** FBH21M  
6" = 1'-0"

FASCIA BRACKET,  
INSIDE CORNER



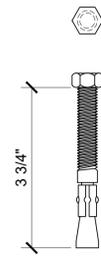
**P22** ARHBHM  
6" = 1'-0"

BRACKET,  
GRAB RAIL,  
1-7/8" FLAT TOP



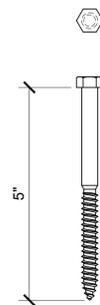
**P23** ARHBH9  
6" = 1'-0"

90° BRACKET,  
GRAB RAIL,  
1-7/8" FLAT TOP



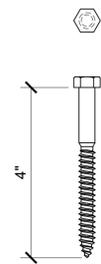
**P24** CA38X334SS  
6" = 1'-0"

WEDGE ANCHOR,  
3/8" X 3-3/4" S/S  
(FASCIA BRACKET  
TO DECK)



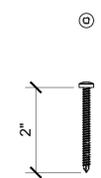
**P25** LB500  
6" = 1'-0"

SCREW, LAG,  
3/8" X 5" S/S  
(FASCIA BRACKET  
TO DECK)



**P26** LB400  
6" = 1'-0"

SCREW, LAG,  
3/8" X 4" S/S  
(FASCIA BRACKET  
TO DECK)



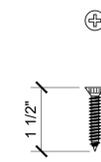
**P27** RCBS  
6" = 1'-0"

SCREW, PAN HEAD,  
#10 X 2" S/S  
TEK (RCB TO POST)



**P28** TEK1  
6" = 1'-0"

SCREW, PAN HEAD,  
#8 X 3/4" S/S  
TEK (GENERAL USE)



**P29** BPS112  
6" = 1'-0"

SCREW, FLAT HEAD,  
#14 X 1-1/2" S/S  
(BASE PLATE SCREW)

Revisions By:

07/27/2021 - RPD

09/02/2021 - AB

**CRL**

2933 E. Vermont Avenue, Los Angeles, CA 90058-1897  
PH: (800)-421-6144 FX: 800-567-7501 www.crlence.com

Description:  
CRL ARS  
ALUMINUM RAILING SYSTEM  
1100 SERIES

Drawn By: RPD

Date: 07/27/2021

Scale: AS NOTED

File Name:  
SYS0074A\_1100\_Series\_Railing\_System

Sheet

3.02