



AMERICAN STRUCTURES & DESIGN

BALCONY DESIGN SUBMITTALS

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GENERAL NOTE

NOTE:

- 1) "*" USED FOR ALERTING GC RESPONSIBLE TO VERIFY
- 1) EXISTING STRUCTURE TO BE VERIFIED BY ENGINEER OF RECORD
- 2) ALL DIMENSIONS ARE SUBJECT TO CHANGE AND NEED TO BE VERIFIED ON SITE BY INSTALLER PRIOR TO CUTTING
- 3) ALL OPENINGS WILL NOT PASS 4" SPHERE
- 4) BLOCKING AND WALLS BY OTHERS SHOWN FOR REFERENCE ONLY

TYPICAL NOTE FOR BALCONY

NOTE:

- 1) SUB FASCIA BRACKET (MINIMUM 3 PER UNIT) SPACING VARIES ON LENGTH OF BALCONY.
- 2) SAG ROD BRACKET AND SUB FASCIA BRACKET MUST BE ATTACHED TO SHEETING, BLOCKING, CONCRETE OR STRUCTURAL SURFACE. (NEVER DENGGLASS, GYP OR SHEET ROCK)
- 3) GC TO VARIIFY WALL THICKNESS FOR THRU BOLTS AT SAG ROD BRACKET LOCATIONS

TYPICAL NOTE FOR RAILING

NOTE:

- 1) FASCIA BRACKET (RA-FMPB) AND FASCIA KNIFE PLATE (RA-PKP) MUST BE ATTACHED TO SHEETING, BLOCKING, CONCRETE OR STRUCTURAL SURFACE. (NEVER GYP OR SHEET ROCK)

TYPICAL NOTE FOR RAILING W/ HANDRAIL

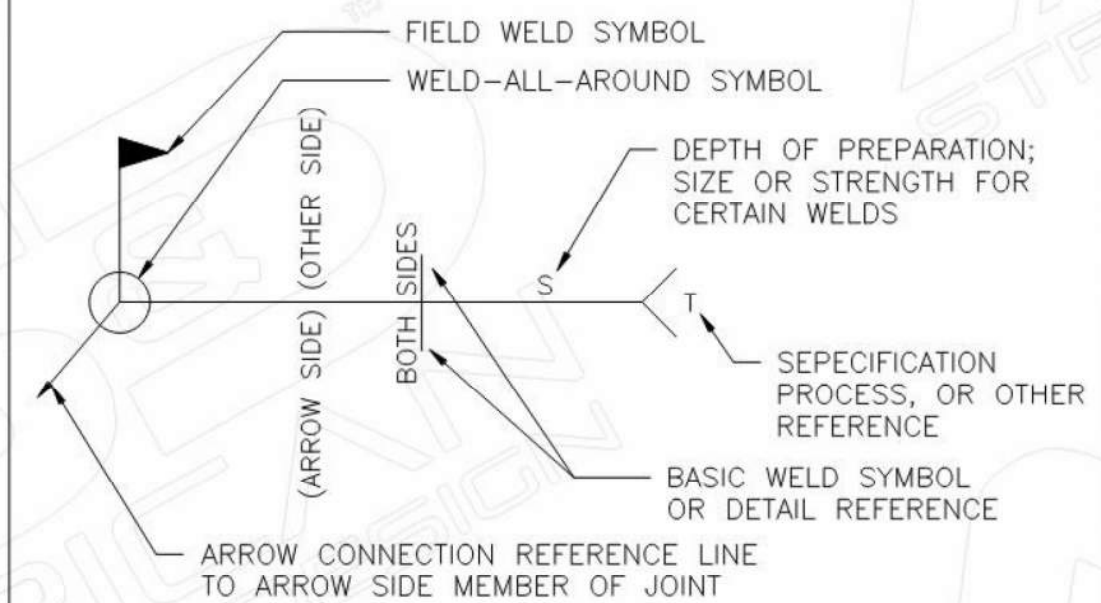
NOTE:

- 1) HAND RAIL: 1.75 DIA ALUMINUM TUBE INSTALLER PROVIDE ALL DIMENSIONS AND ANGLES PRIOR TO FABRICATION
- 2) FASCIA BRACKET (RA-FMPB) AND FASCIA KNIFE PLATE (RA-PKP) MUST BE ATTACHED TO SHEETING, BLOCKING, CONCRETE OR STRUCTURAL SURFACE. (NEVER GYP OR SHEET ROCK)

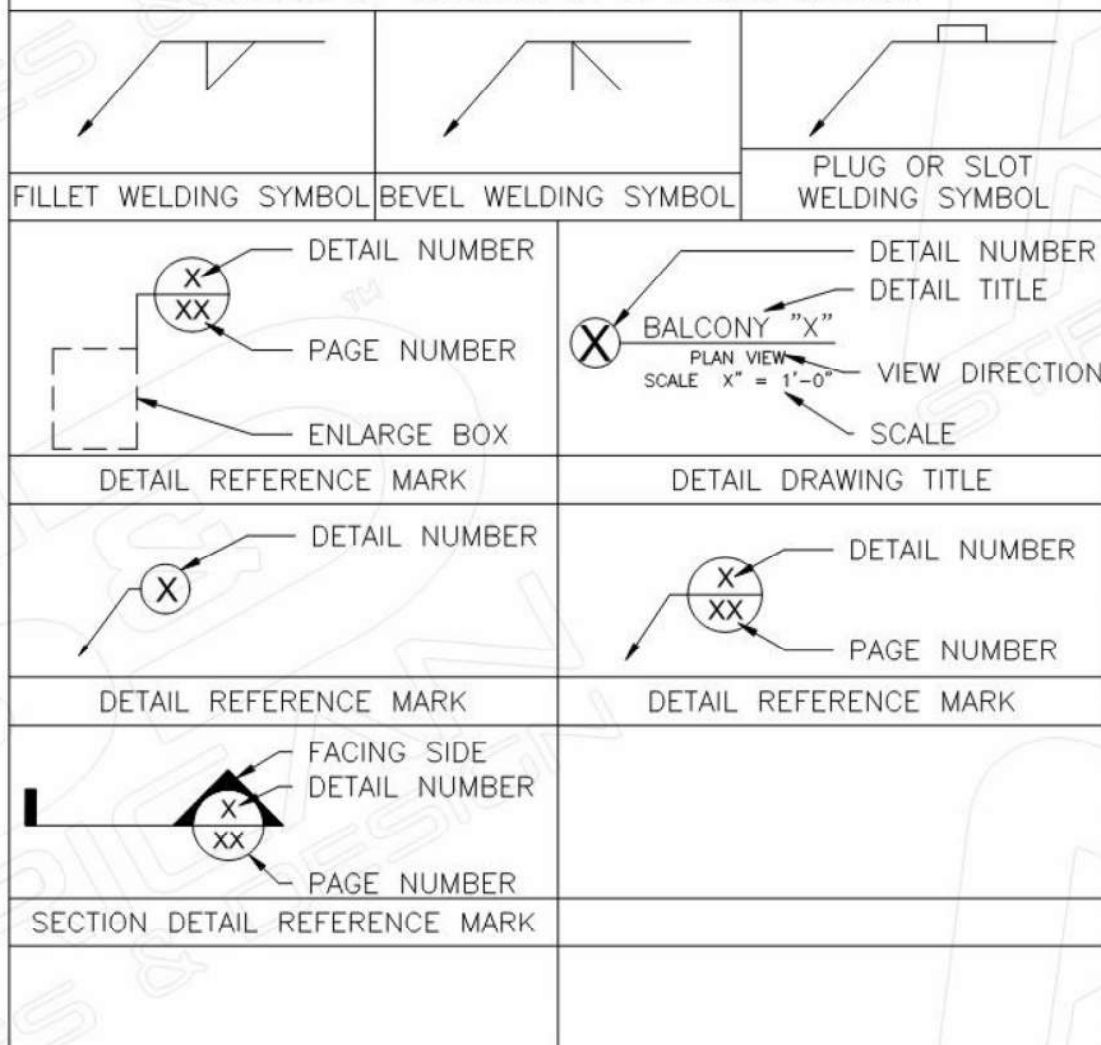
ABBREVIATIONS

BA-BF	Balcony Fascia
BA-BSF	Balcony Sub Fascia
BA-BD	Balcony Decking
BA-BDEB	Balcony Decking End Board
BA-BJ	Balcony Joist
BA-BSFB	Balcony Sub Fascia Bracket
BA-BSFA	Balcony Sub Fascia Angle
BA-BSR.625	Balcony Sag Rods 5/8"
BA-BSRS	Sag Rod Sleeves
BA-BSRB	Sag Rod Brackets
BA-BSMB	Side Mount Bracket
BA-P-XXX	Balcony Post
RA-P2.375XXX	Rail Post
RA-TR100	TR100 Round Top Rail
RA-TR999	TR999 Top Rail
RA-TR200	TR200 Top Rail
RA-PT.625XXX	Picket Infill
RA-FI	Flat Infill 200/999 (For Cable)
RA-IFXX	Infill 200/999 (For Glass/Picket)
RA-SPE	SPE1 Series 100 Picket Spacer Extrusion
RA-BR100	BR100 Series Bottom Rail
RA-BP5X5	BP Post Base Plate
RA-SP-003.875	SP41 Series 100 Picket Spacer
RA-RCB1	RCB1 Rail Connecting Block for Top & Bottom Rails
RA-FMPB-INT	FMPB-6" 1"Off Set Intermediate Fascia Mnt Bracket
RA-FMPB-OC	FMPB-6" 1"Off Set Outside Corner Fascia Mnt Bracket
RA-FMPB-IC	FMPB-6" 1"Off Set Inside Corner Fascia Mnt Bracket
RA-FMPB-090	FMPB-6" 1"Off Set Double Post Corner-Welded 90°
RA-PKP6X6X.375XXX	Post Knife Plate Bracket
RA-PV-120	PV-Picket Vinyl - Clear
RA-GV-BOT	GV-Bottom Rigid Glass Vinyl
RA-GV-TOP	GV-Top Rigid Glass Vinyl
GT-CLEAR 1/4"	1/4" Clear Temp. Glass - Seamed Edges
RA-NC	Nylon Bolt Cap Cover
RA-CW	Washer
FSS	Face of structural surface
FOS	Face of siding

SYMBOL LEGEND



LOCATION OF ELEMENTS OF A WELDING SYMBOL



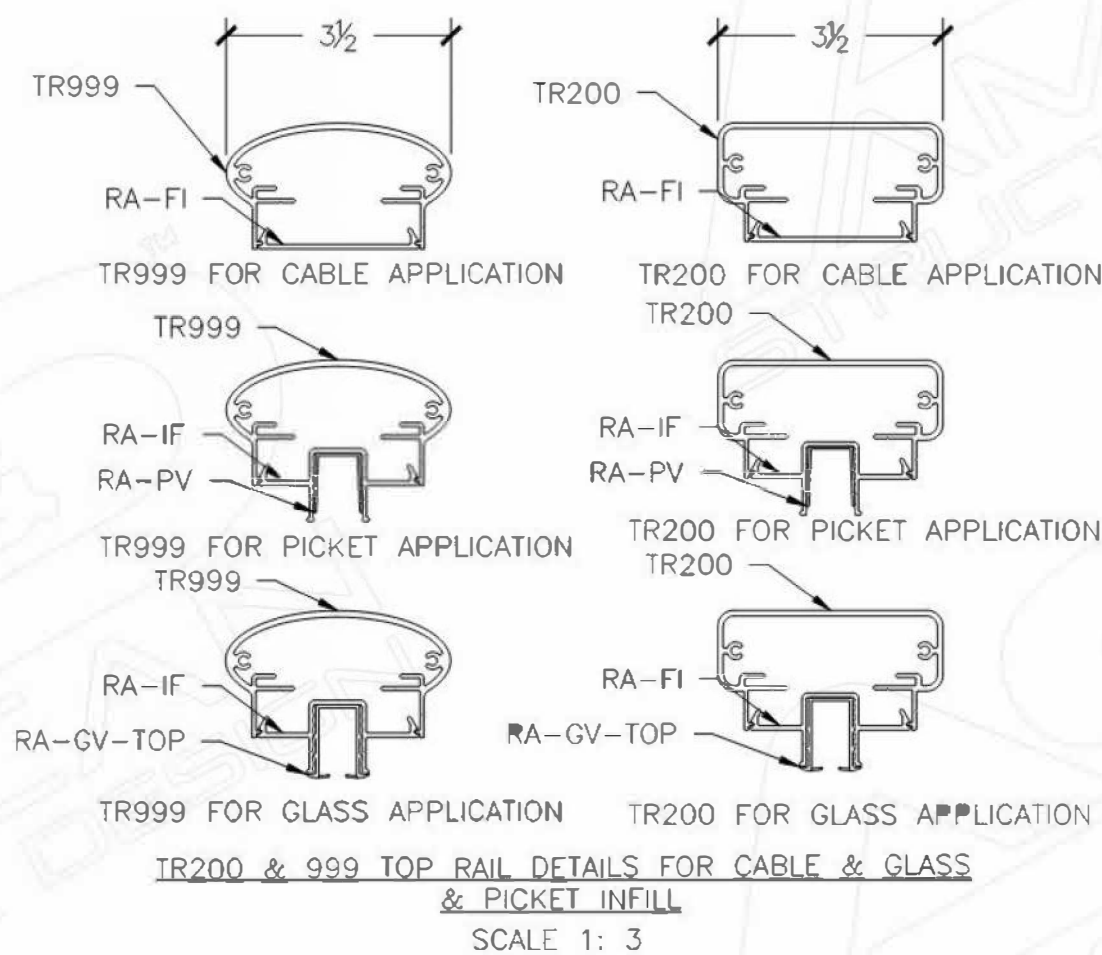
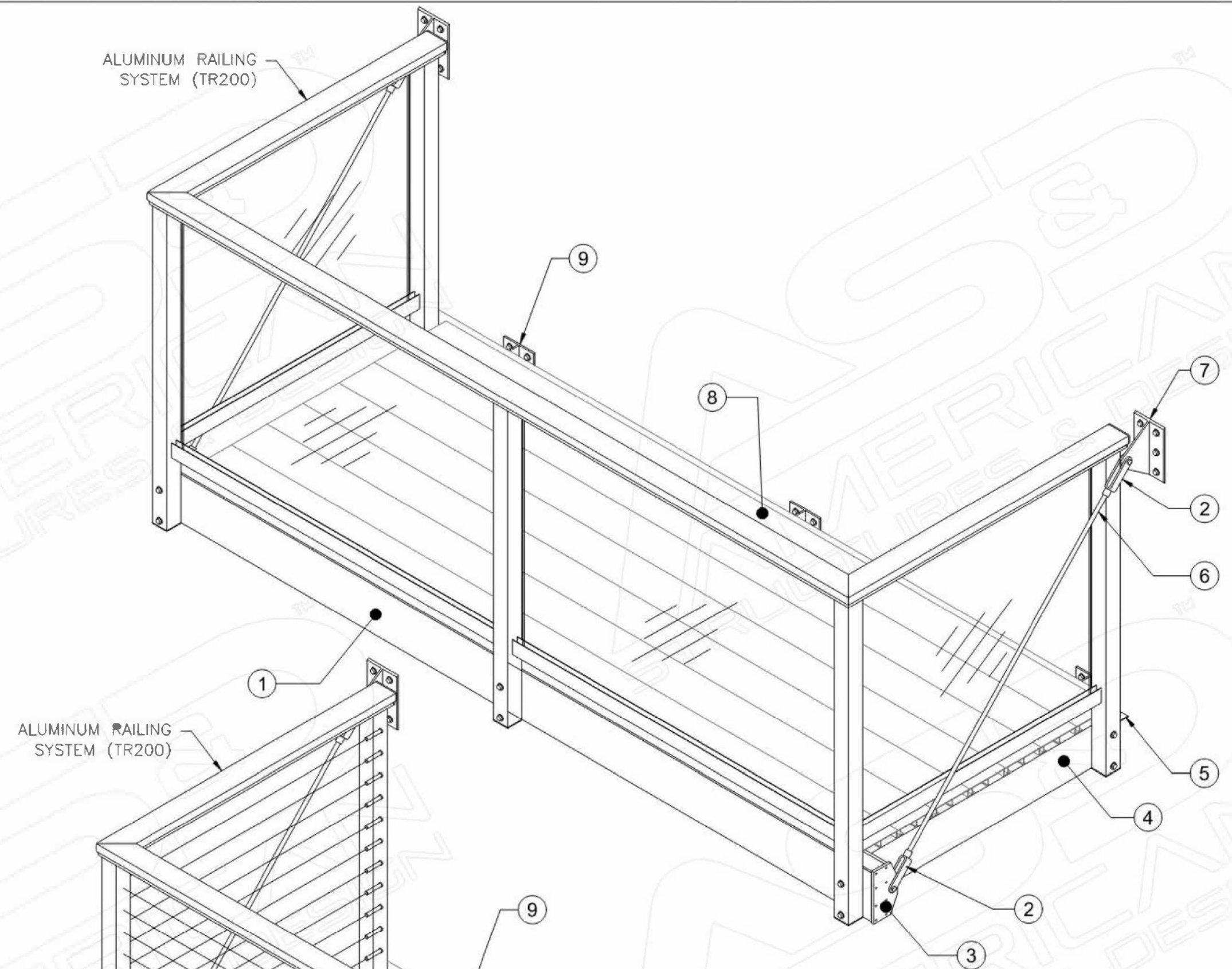
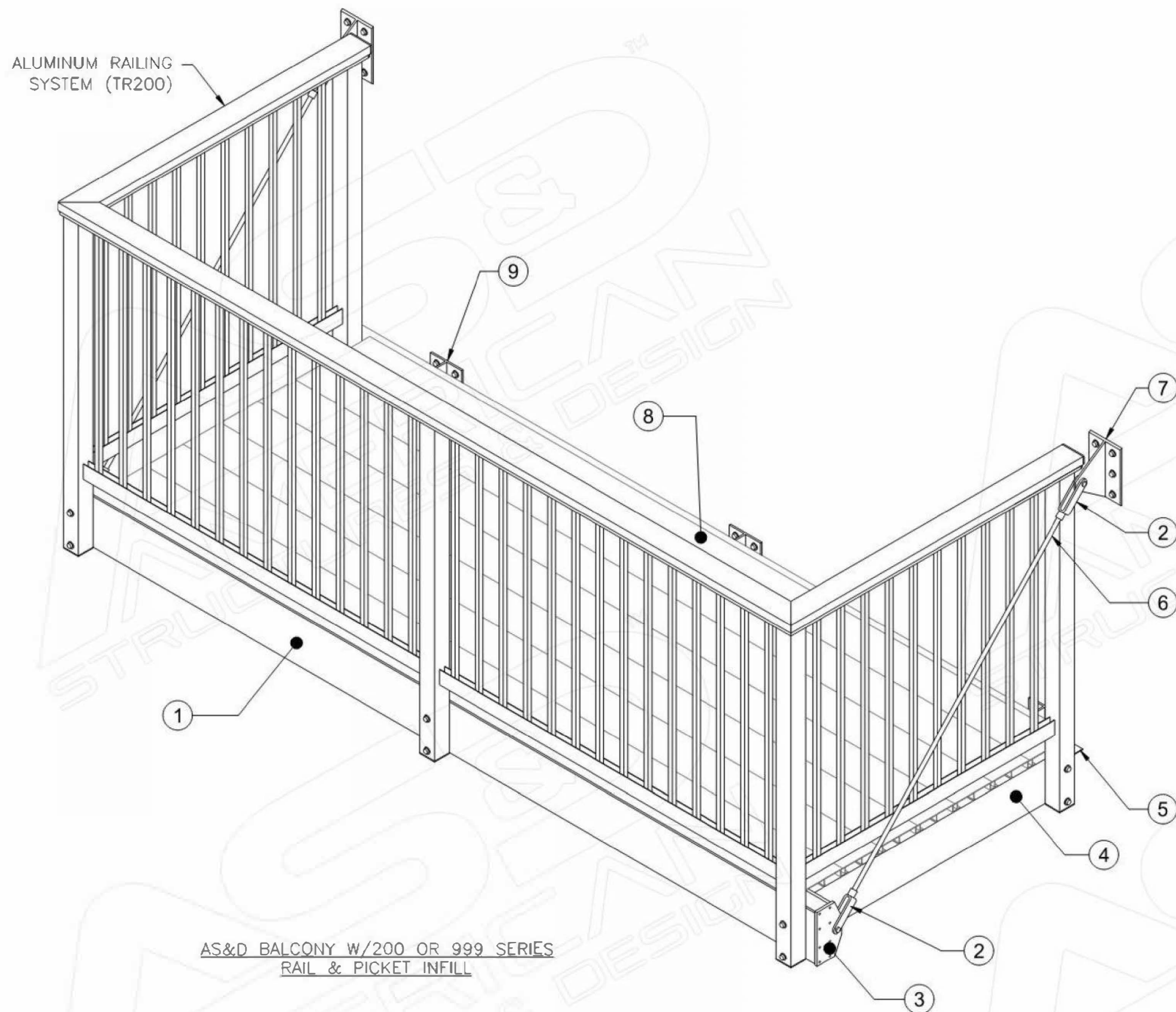
SHEET INDEX

SHEET NO.	PAGE NAME	REV NO.	DATE	INFO
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CLIENT NAME:	DRAWN BY: Y.L.	REV NO.	DATE:	ISSUED BY	PAGE NUMBER
JOB NAME:	DATE: 02-16-2019	1	06-16-2022	P.S.	SB0
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	SCALE:	4			

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SHEET NOTES:

1. FRONT FASCIA
2. SAG ROD CLEVIS
3. SAG ROD YOKE PLATE
4. JOIST SUPPORT
5. SUB FASCIA
6. SAG ROD
7. SAG ROD BRACKET
8. ALUMINUM DECKING
9. SUB FASCIA BRACKET



CLIENT NAME:

JOB NAME:

PAGE NAME:

TR200/999 SERIES RAIL ISO VIEW

DRAWN BY:

Y.L.

REV NO.

DATE:

ISSUED BY

DATE:

02-16-2019

1

06-16-2022

P.S.

CHECKED BY:

W.G.

2

APPROVED BY:

3

SCALE:

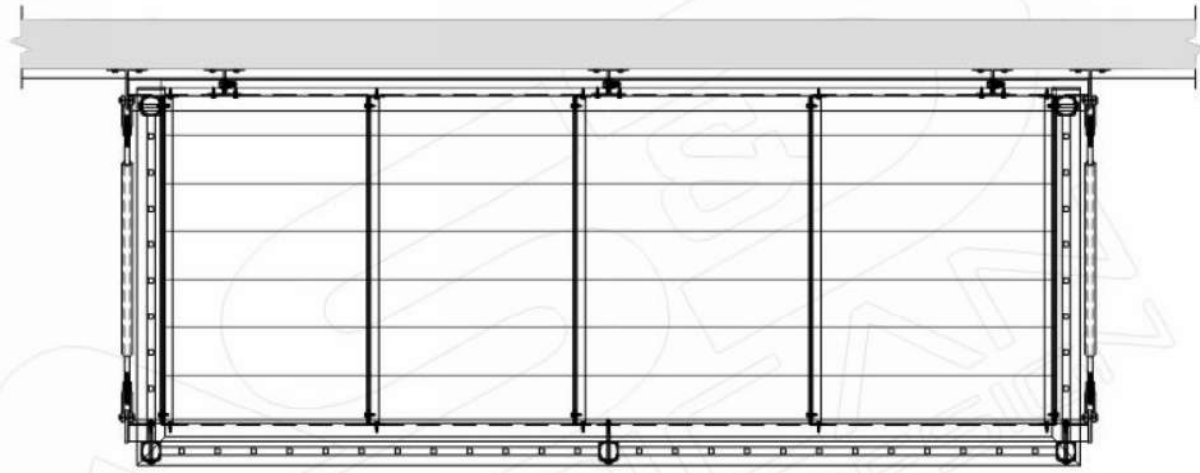
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PAGE
NUMBER

SB1

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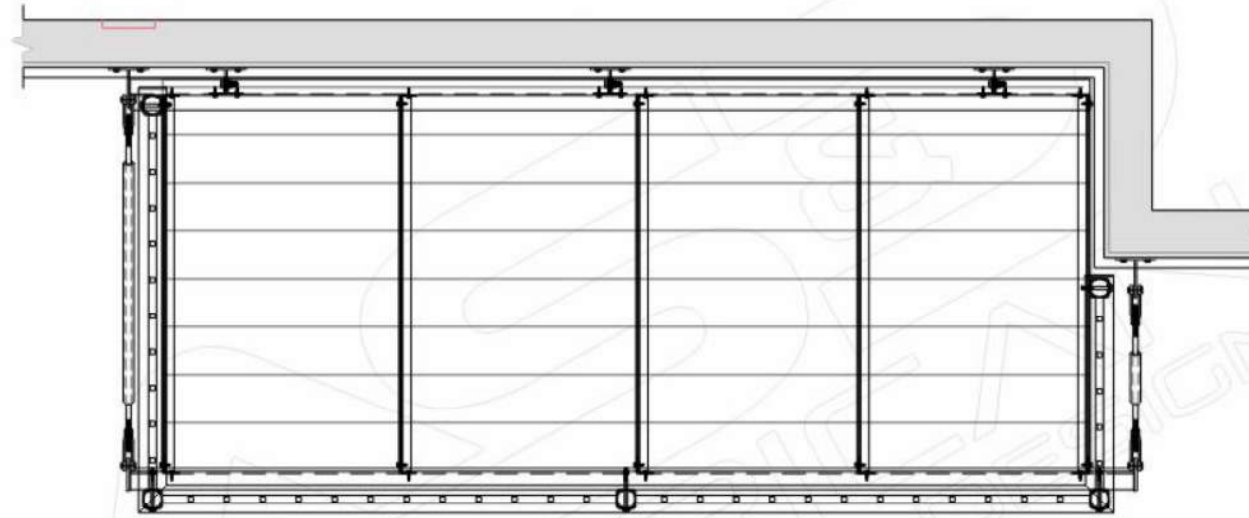
TYPE 1



(3) SUB FASCIA BRACKET
(2) RAIL RETURNS
(2) SAG RODS

QTY: _____
FASCIA WIDTH _____ FT. _____ IN.
PROJECTION _____ FT. _____ IN.

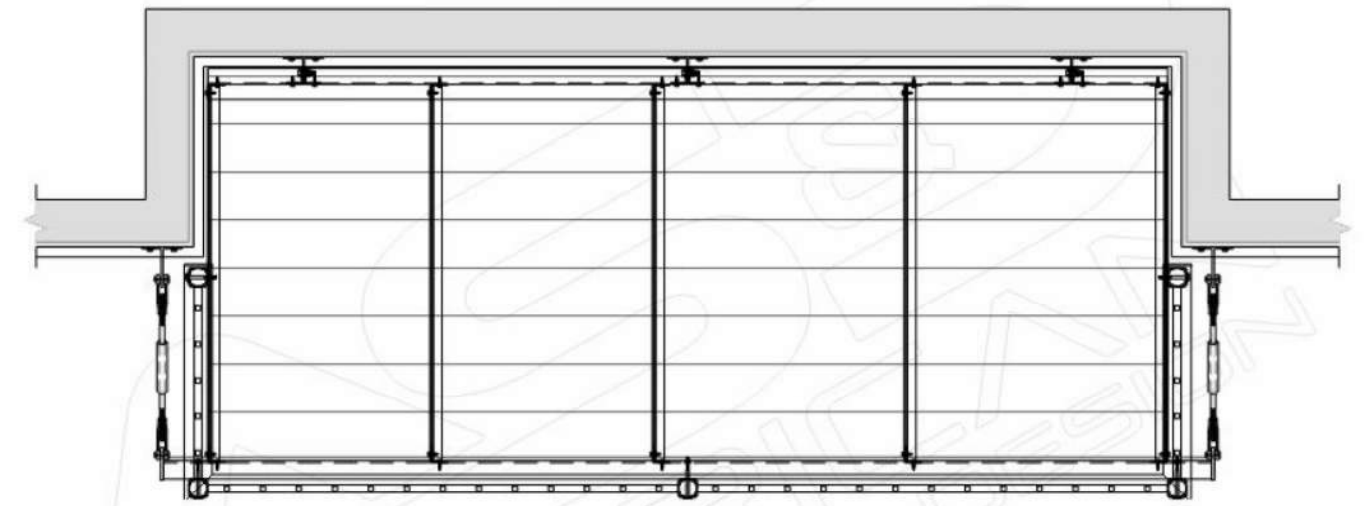
TYPE 2



(3) SUB FASCIA BRACKET
(1) RAIL RETURNS
(1) SAG RODS
(1) SIDE MOUNT BRACKET

QTY: _____
FASCIA WIDTH _____ FT. _____ IN.
PROJECTION _____ FT. _____ IN.

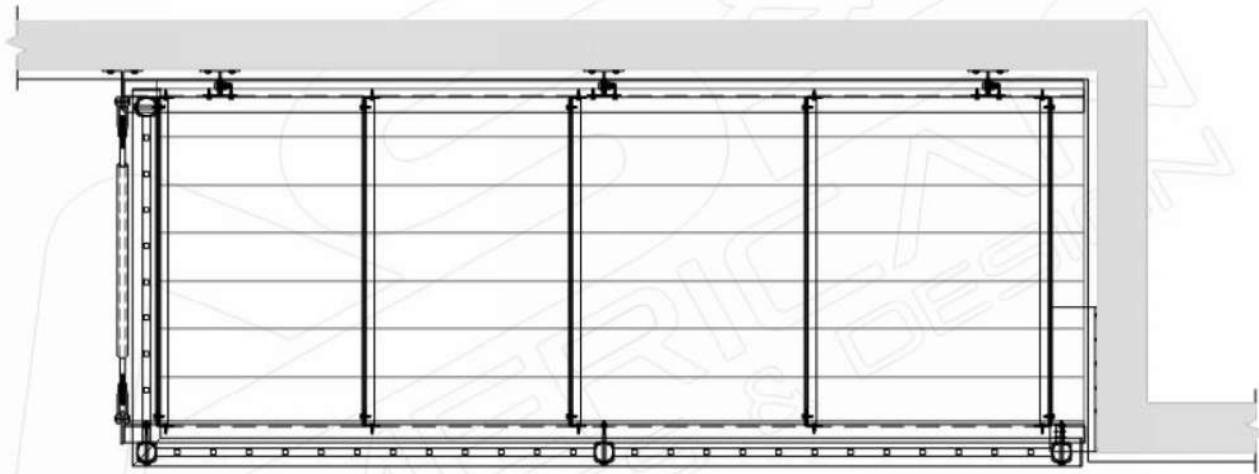
TYPE 3



(3) SUB FASCIA BRACKET
(2) SIDE MOUNT BRACKET

QTY: _____
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PROJECTION _____ FT. _____ IN.

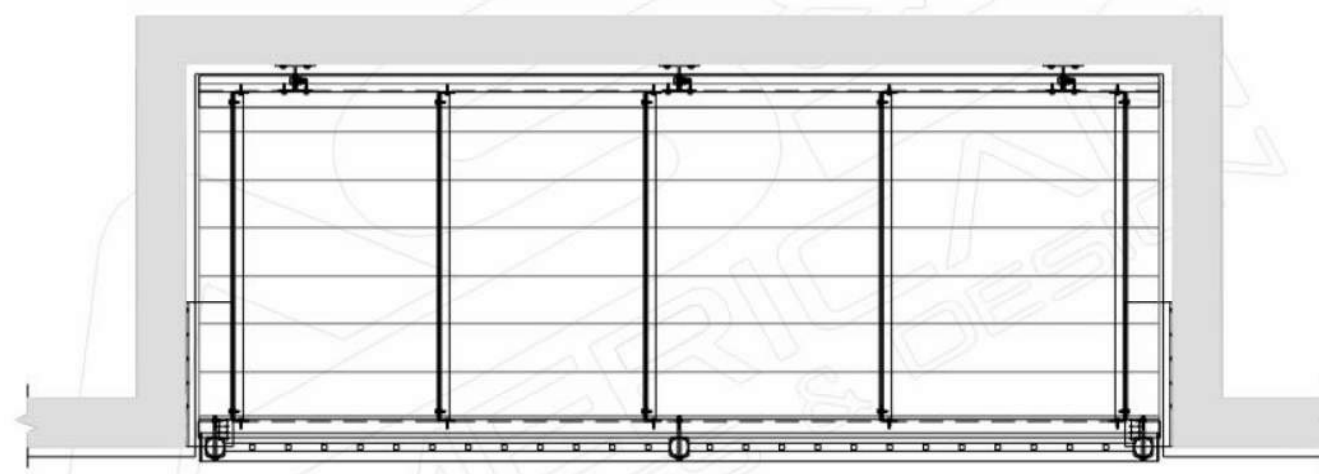
TYPE 4



(3) SUB FASCIA BRACKET
(2) RAIL RETURNS
(2) SAG RODS

QTY: _____
FASCIA WIDTH _____ FT. _____ IN.
PROJECTION _____ FT. _____ IN.

TYPE 5



(3) SUB FASCIA BRACKET
(2) RAIL RETURNS
(2) SAG RODS

QTY: _____
FASCIA WIDTH _____ FT. _____ IN.
PROJECTION _____ FT. _____ IN.



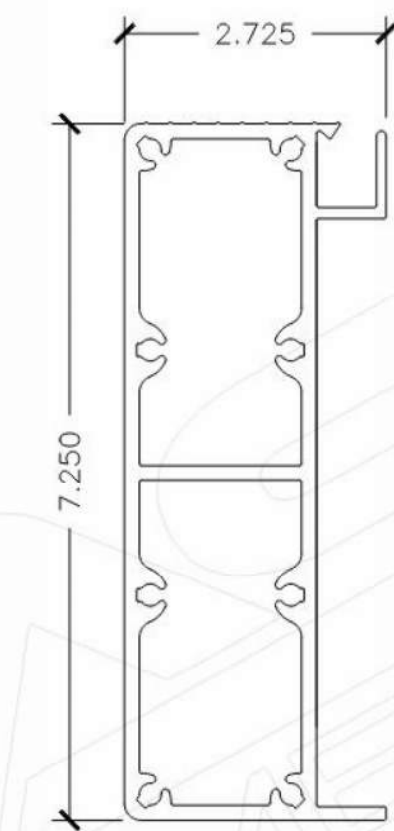
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JOB NAME: _____
PAGE NAME: _____
BALCONY TYPICAL TYPES

DRAWN BY: Y.L.	REV NO. 1	DATE: 06-16-2022	ISSUED BY: P.S.
DATE: 02-16-2019	CHECKED BY: W.G.	APPROVED BY: 3	
SCALE: 1/2" = 1'-0"			

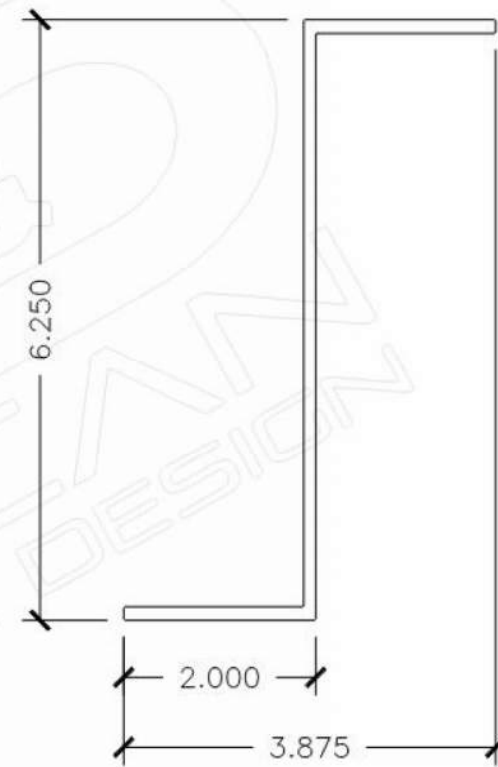
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SB2

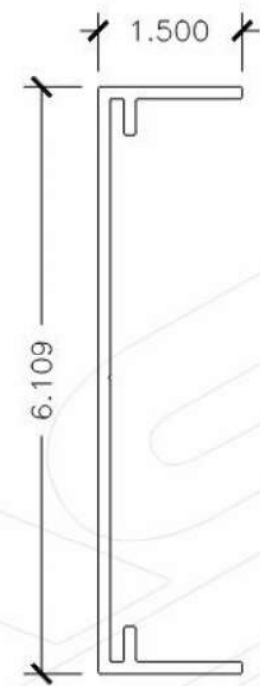
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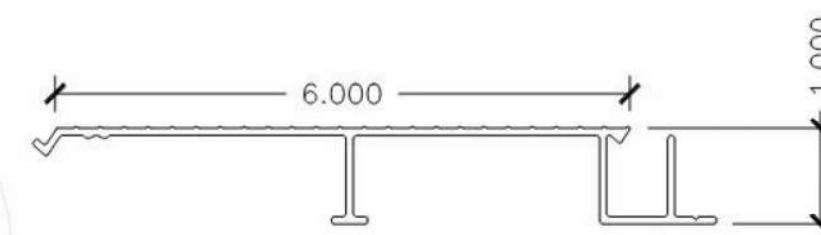
① BA-BF
(Fascia)
SCALE 1: 2



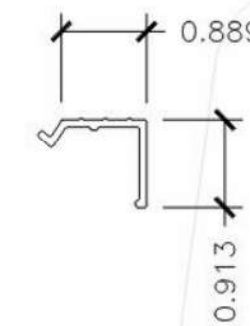
② BA-BSF
(Sub Fascia)
SCALE 1: 2



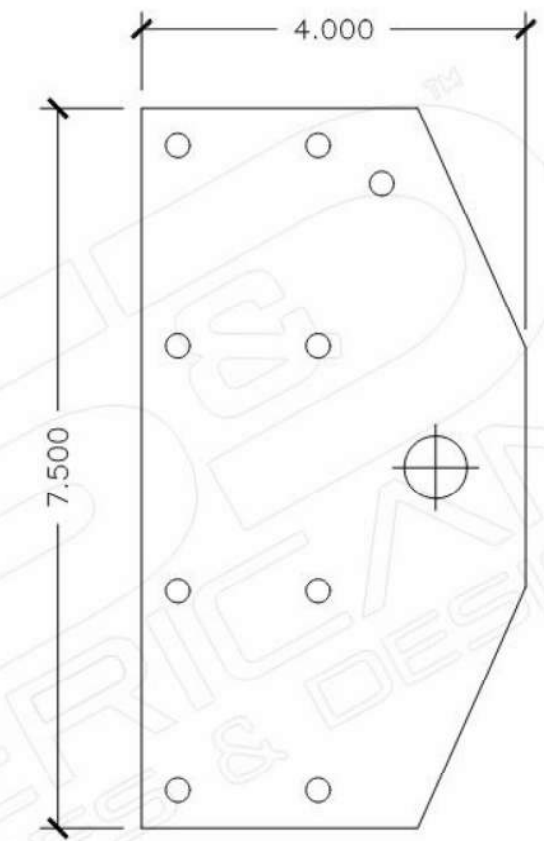
③ BA-BJ
(Joist)
SCALE 1: 2



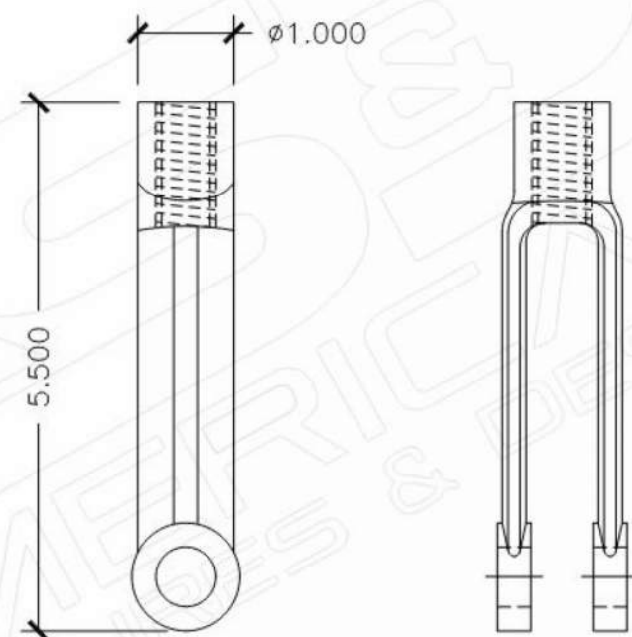
④ BA-BD
(Decking)
SCALE 1: 2



⑤ BA-BDEB
(End Board)
SCALE 1: 2



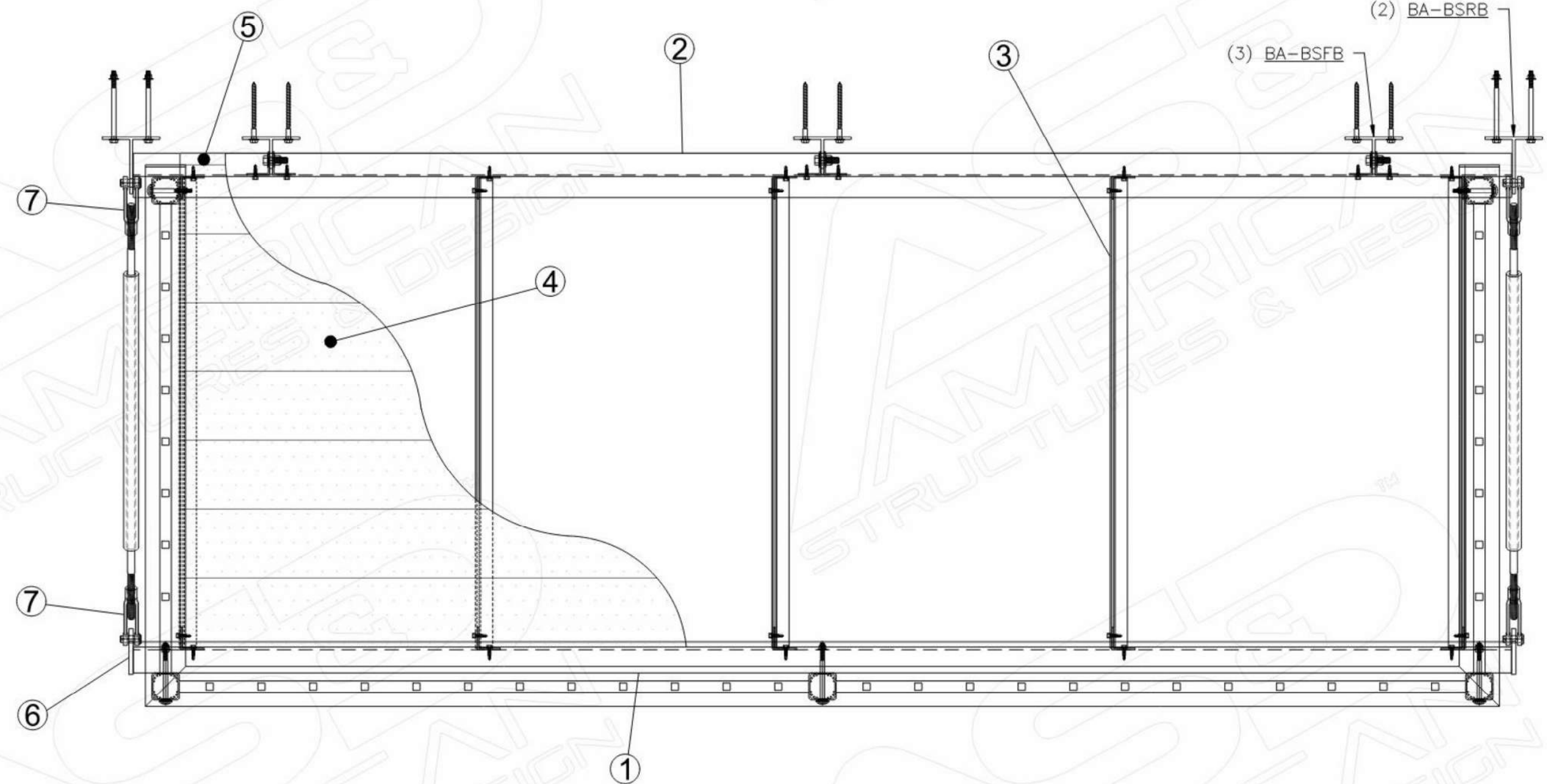
⑥ BA-BYP
(Yoke Plate)
SCALE 1: 2



⑦ BA-BSRC-LR (Left) and BA-BSRC-RH (right)
(2) Clevis - one each per Sag Rod
SCALE 1: 2

NOTE:
1) USE W/ $\phi 5/8$ " SAG ROD (CONNECT WITH THRU BOLT)

NOTE:
1) SEE DWG# SB2 FOR TYPICAL DECK TYPES



TYPICAL DECK PLAN VIEW



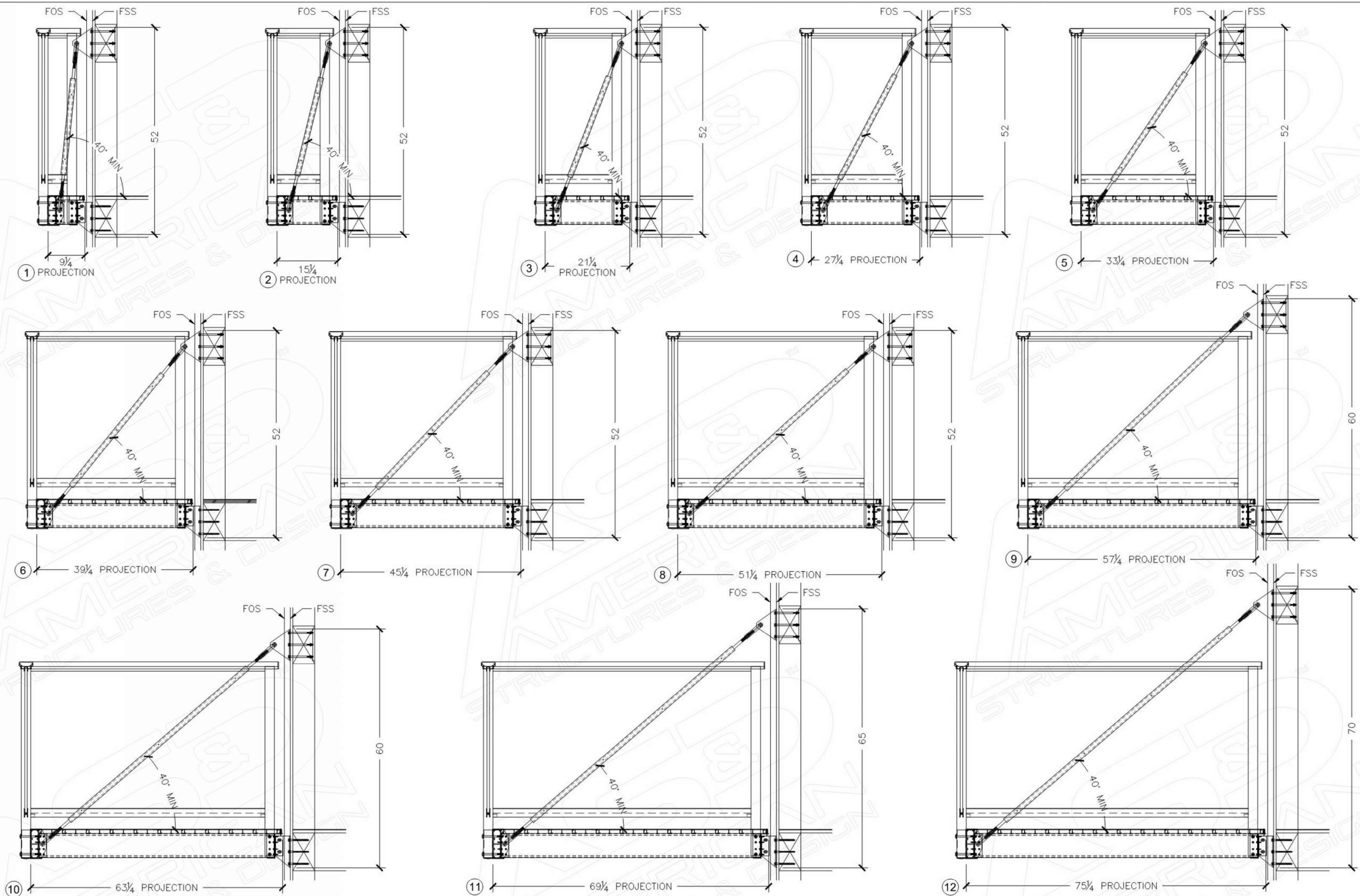
CLIENT NAME:
JOB NAME:
PAGE NAME:
ALUMINUM BALCONY SYSTEM

DRAWN BY: Y.L.
DATE: 02-16-2019
CHECKED BY: W.G.
APPROVED BY:
SCALE: VARIES

REV NO.: 1
DATE: 06-16-2022
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SB3

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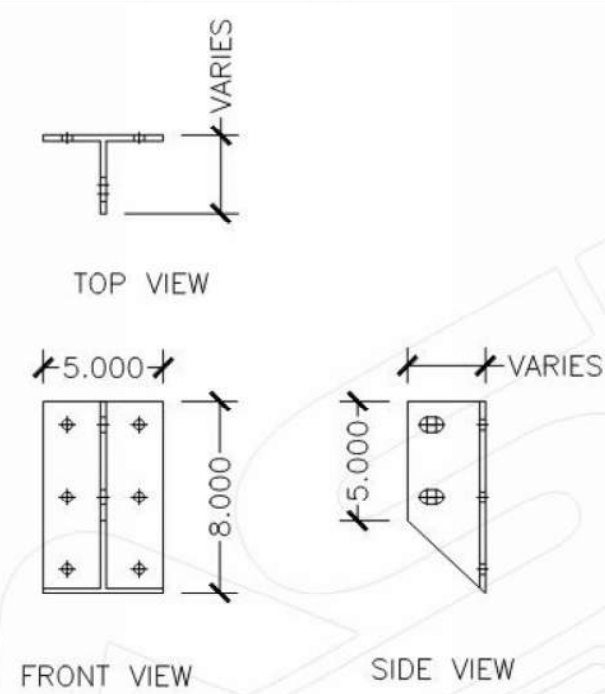
- NOTE:
- 1) CUSTOM PROJECTIONS UPON REQUEST ADDITIONAL COST MAY OCCUR.
 - 2) PROJECTION UNDER 2' CAN BE MANUFACTURED WITHOUT SAG ROD. ADDITIONAL COST MAY OCCUR.



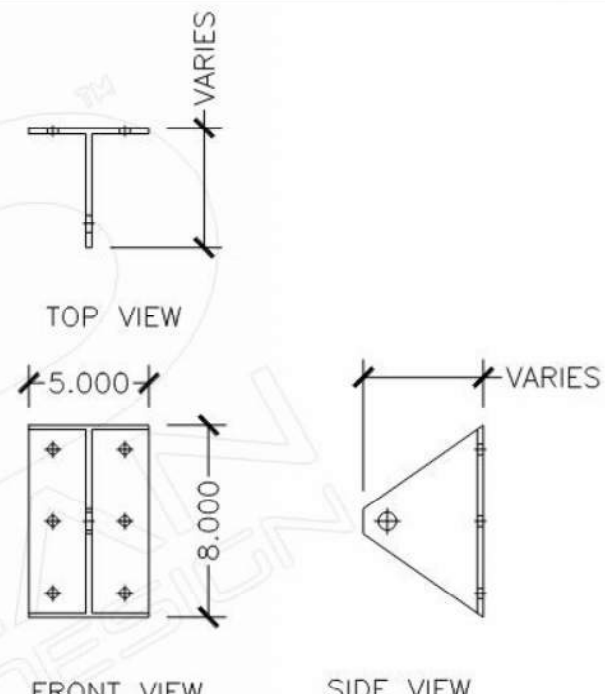
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JOB NAME:	DATE:	02-16-2019	1	06-16-2022	P.S.
PAGE NAME:	CHECKED BY:	W.G.	2		
BALCONY STANDARD PROJECTIONS	APPROVED BY:		3		
	SCALE:	3/4" = 1'-0"	4		

PAGE
NUMBER
SB4

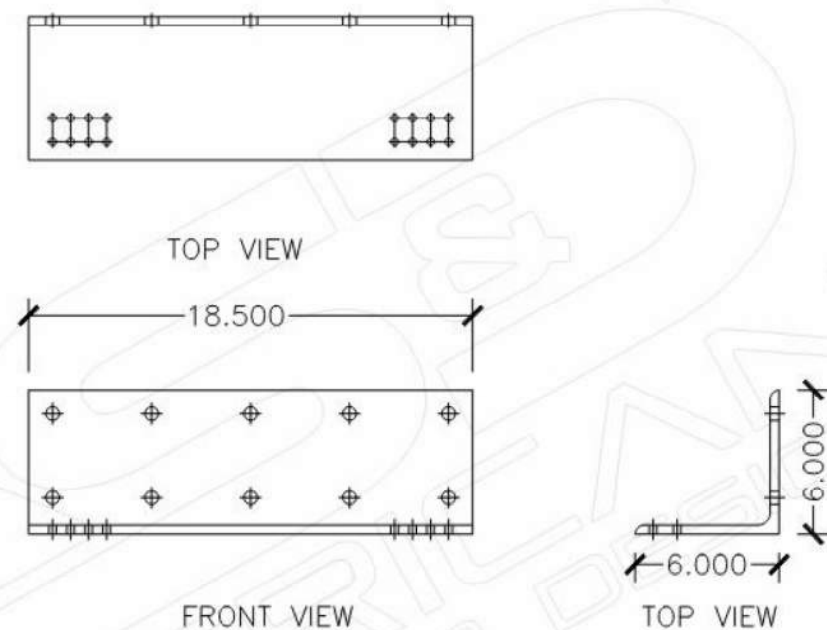
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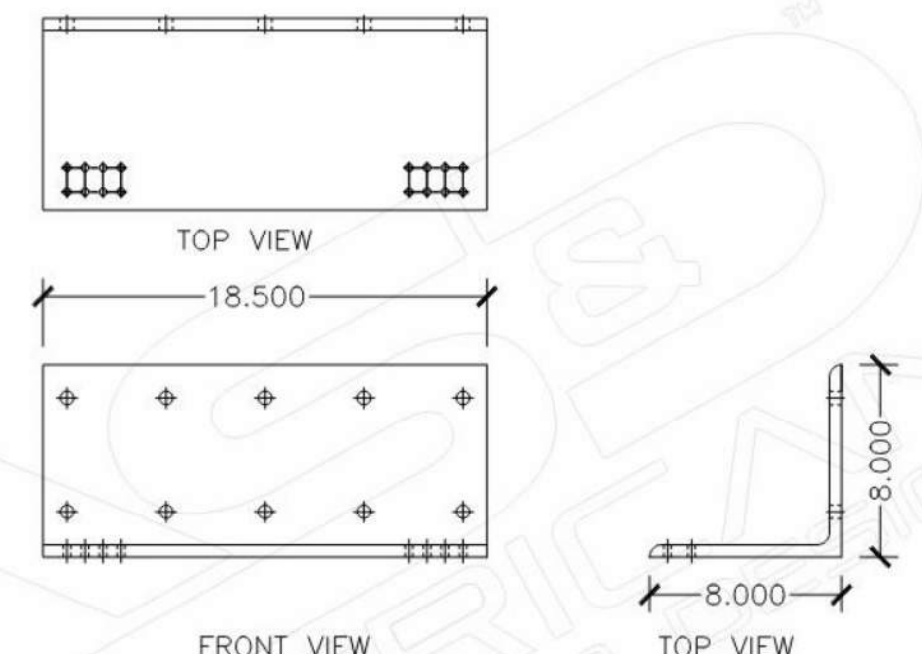
SUB FASCIA BRACKET



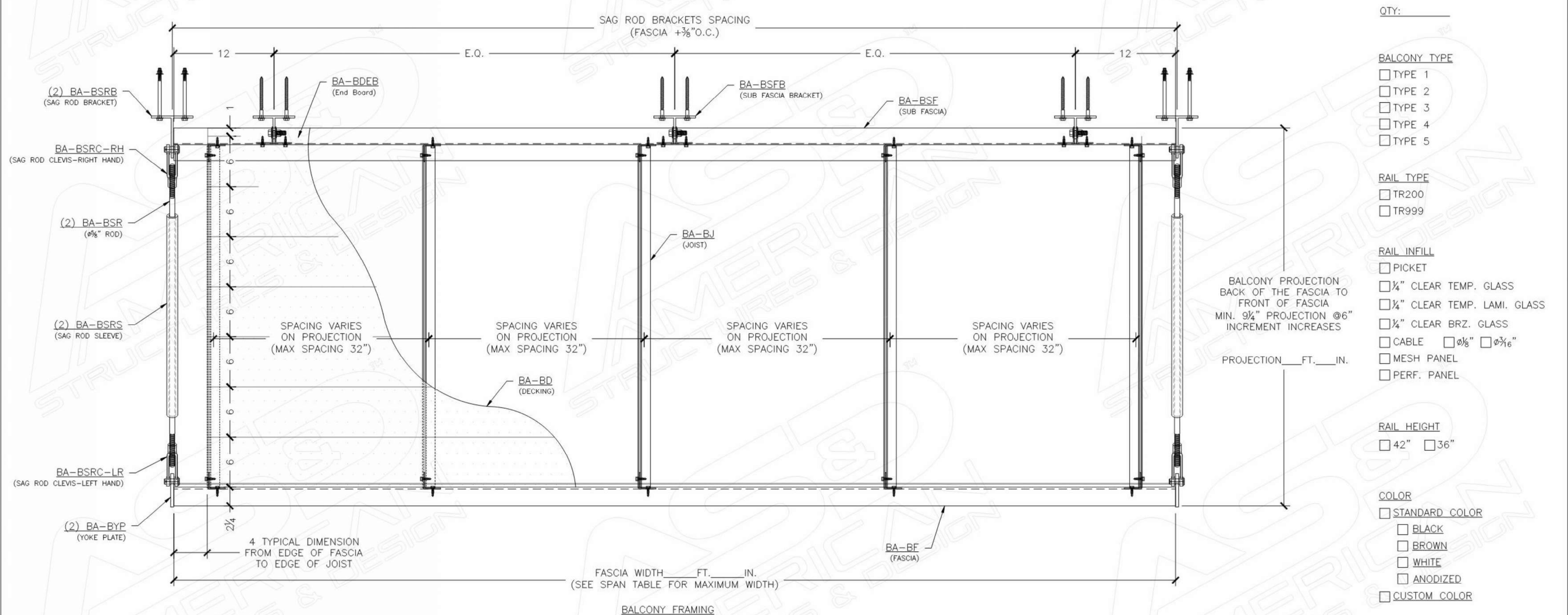
SAG ROD BRACKET



BALCONY SIDE MOUNT BRACKET ANGLE



BALCONY SIDE MOUNT BRACKET ANGLE



NOTE: 1) NUMBER AND SPACING VARIES WITH PROJECTION AND WIDTH.



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JOB NAME:	DATE: 02-16-2019	1	06-16-2022	P.S.
PAGE NAME:	CHECKED BY: W.G.	2		
AS&D ALUMINUM BALCONY REQUEST FOR QUOTE SHEET	APPROVED BY:	3		
	SCALE: VARIES	4		

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SB5

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