

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISE PER NEW CODE	11/29/2023	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1 1/2" WINDOW UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
4. WHERE WOOD BUCK THICKNESS IS 1 1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
5. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
6. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: 6060-T64 ALUMINUM.
11. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE UNIVERSAL ANCHOR SF COUNTERSUNK D7.5MM WITH SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING INTO INTO MASONRY/CONCRETE USE UNIVERSAL ANCHOR SF COUNTERSUNK D7.5MM WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING INTO METAL STRUCTURE USE COUNTERSUNK SCREW M6 WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - 17.1. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 17.2. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - 17.3. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - 17.4. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
18. APPROVED CONFIGURATIONS: OX, XO.

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2	ELEVATION
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5 – 8	INSTALLATION DETAILS
9 – 10	COMPONENTS

SKY-FRAME INC.
LANGFELDSTRASSE 111
FRAUENFELD, SWITZERLAND CH-8500

SERIES SF2-CW50
ALUMINUM SGD NON-IMPACT
NOTES

DRAWN:
N.G.

DWG NO.
08-02788

REV
B

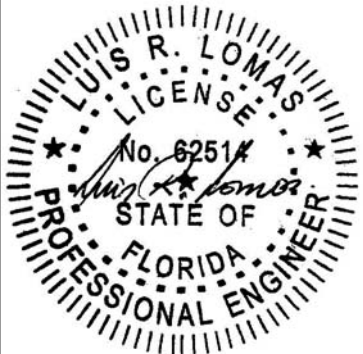
SCALE NTS

DATE 08/24/15

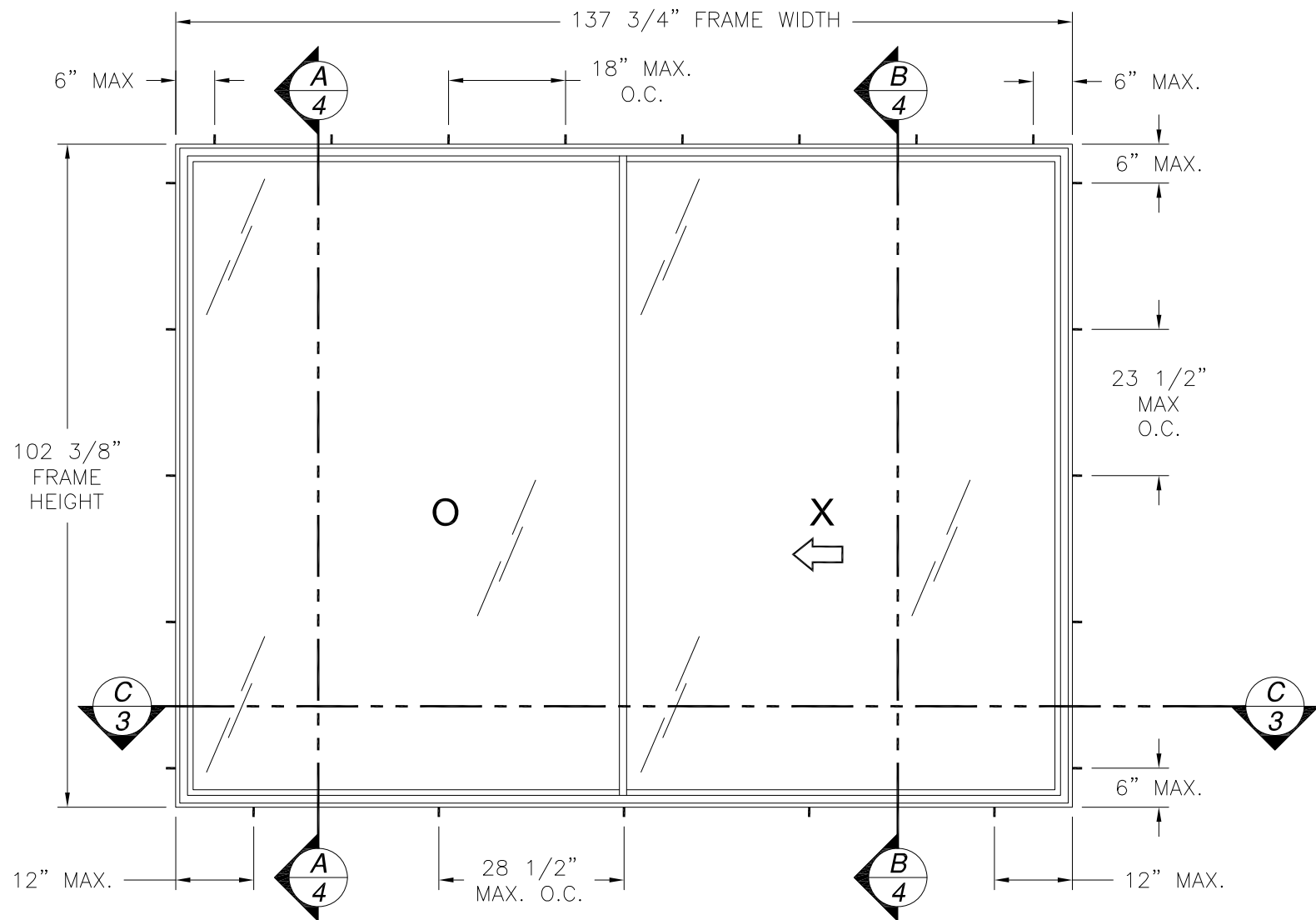
SHEET 1 OF 10

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/29/2023



Luis R. Lomas P.E.
FL No.: 62514



SERIES SF2-CW50 SLIDING WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

68 3/4" X 97 3/4" PANEL SHOWN. OTHER SIZES APPROVED AS LONG AS
PANEL AREA DOES NOT EXCEED 46.7 FT²

- NOTES:
- SASH SIZE: 68 3/4" X 97 3/4"
 - D.L.O.: 66 3/8" X 95 7/16"
 - (6) WEEP SLOT 1 1/4" X 1/8" AT 9" FROM RIGHT JAMB AND 27 1/2" ON CENTER.

HARDWARE SCHEDULE	
A.	(1) MULTIPOINT LOCK BAR WITH TWO POINTS AT ACTIVE STILE
B.	(2) ADJACENT KEEPERS AT JAMBS
C.	(3) ROLLER ASSEMBLY AT SILL
D.	STEEL REINFORCEMENT (SKI1214.1) AT MEETING STILE FRAME

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SERIES SF2-CW50 ALUMINUM SGD NON-IMPACT ELEVATION		
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SCALE NTS	DATE 08/24/15	SHEET 2 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

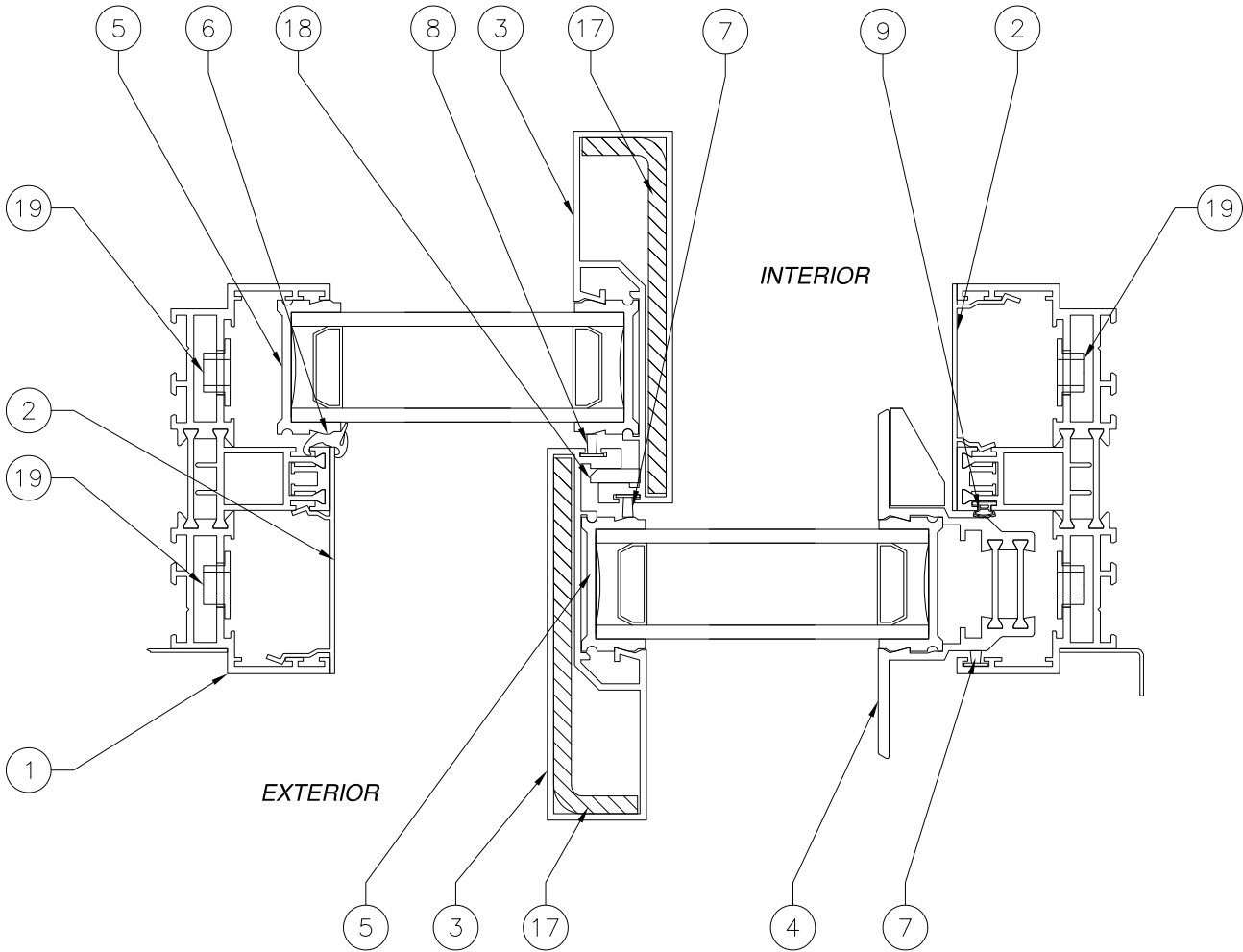
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BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	SK1001	WALL CONNECTION	SKY-FRAME, INC.	ALUMINUM 6060-T64
2	SK1202	COPING	SKY-FRAME, INC.	ALUMINUM 6060-T66
3	SK1211	MULLION	SKY-FRAME, INC.	ALUMINUM 6060-T66
4	SK1101	LOCKING PROFILE	SKY-FRAME, INC.	ALUMINUM 6060-T64
5	SK1304	GRP VERTICAL	SKY-FRAME, INC.	FIBERGLASS
6	SK1420	RUBBER GASKET	SKY-FRAME, INC.	RUBBER
7	SK1417	BRUSH GASKET	SKY-FRAME, INC.	
8	SK1412	BRUSH GASKET	SKY-FRAME, INC.	
9	SK1416	RUBBER GASKET	SKY-FRAME, INC.	RUBBER
10	SK1001	LINTEL	SKY-FRAME, INC.	ALUMINUM 6060-T64
11	SK1010	BOTTOM TRACK	SKY-FRAME, INC.	ALUMINUM 6060-T64
12	SK1484	RUNNING GEARS	SKY-FRAME, INC.	
13	SK1434	GLASS SUPPORT	SKY-FRAME, INC.	
14		INSULATION (EPS)	SKY-FRAME, INC.	
15		10MM BOLT		
16		10MM NUT		
17	SK1211.1	STEEL INLAY	SKY-FRAME, INC.	STEEL
18	SK1547	ABUTTING WEDGE	SKY-FRAME, INC.	POM
19	SK1508	SCREW LOCKING	SKY-FRAME, INC.	
20	SK1514	CORNER CONNECTORS	SKY-FRAME, INC.	ALUMINUM 6063-T6
21	SK1710	EDGE CONNECTING SCREWS/ COUNTERSUNK M8X8	SKY-FRAME, INC.	
22		NOT USED		
23	SK8004	HEXAGON SCREW M10X70	SKY-FRAME, INC.	
24	SK1571.2	CLAMPING PLATE	SKY-FRAME, INC.	STEEL
25	SK1571.1	BASE PLATE	SKY-FRAME, INC.	STEEL
26	SK1305	SF2 GPK HORIZONTAL	SKY-FRAME, INC.	FIBERGLASS
27	SK1203.3	TRACK	SKY-FRAME, INC.	ALUMINUM 6060-T64
28	SK1380	BASE PLATE	SKY-FRAME, INC.	ALUMINUM 6060-T64

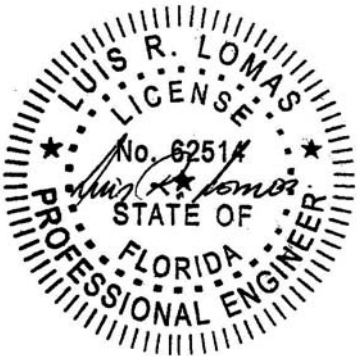
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FOR INSTALLATION DETAILS REFER TO SHEETS 5 - 8



C
3 HORIZONTAL SECTION

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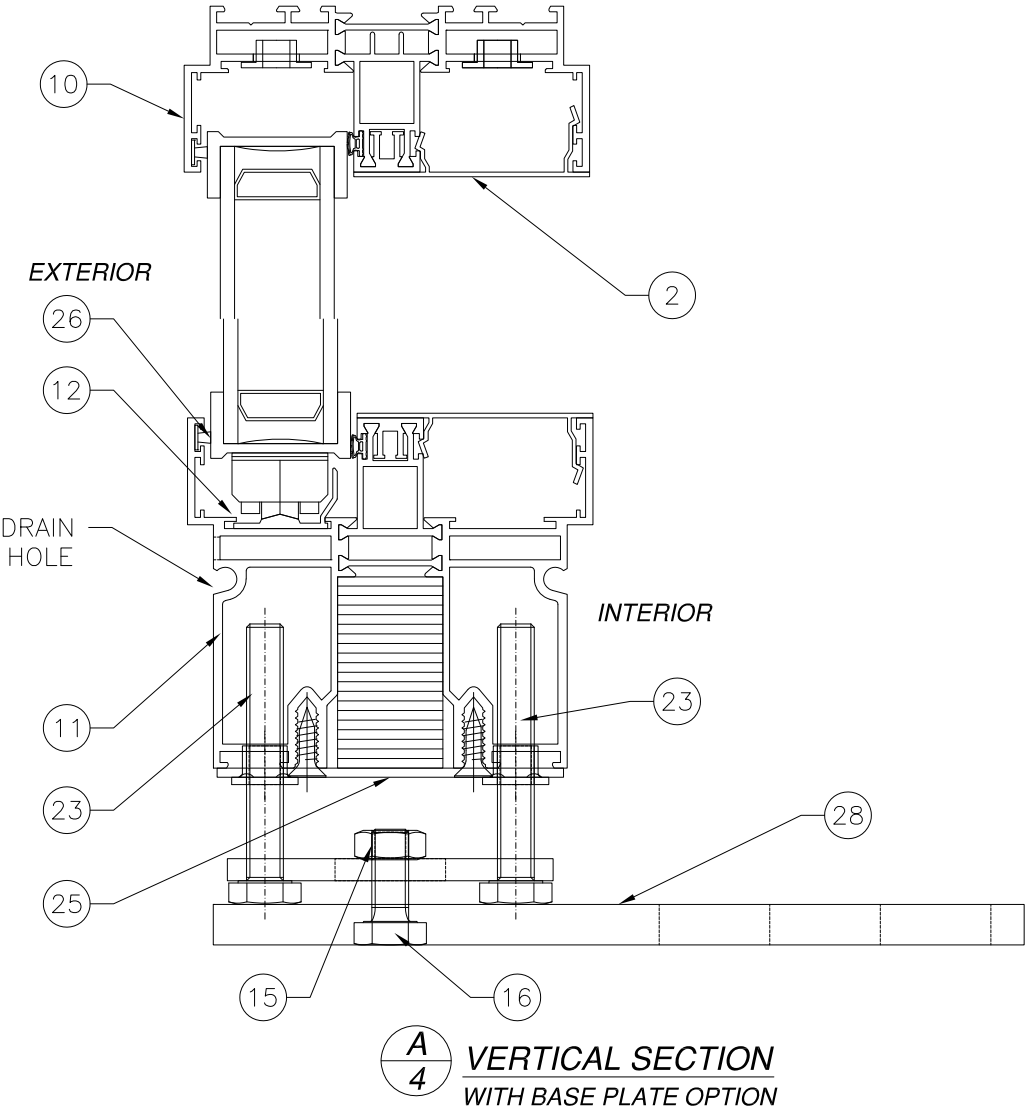
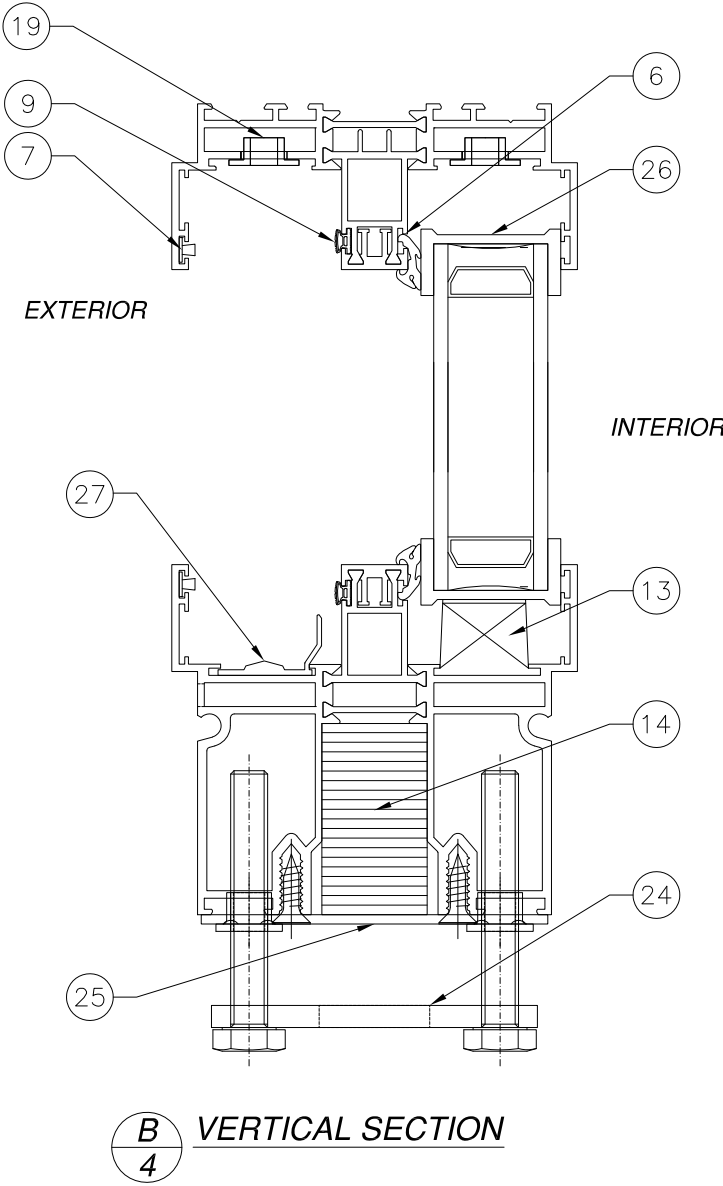
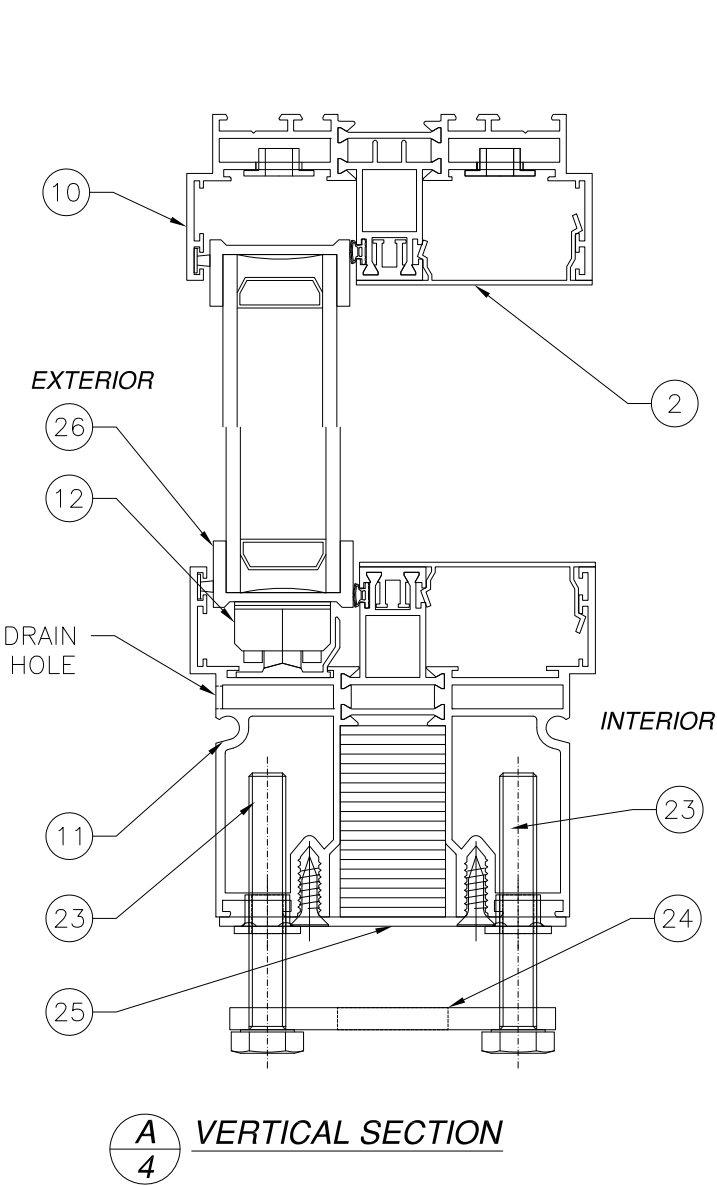
SKY-FRAME INC. LANGFELDSTRASSE 111 FRAUENFELD, SWITZERLAND CH-8500		
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DRAWN: N.G.	DWG NO. 08-02788	REV B
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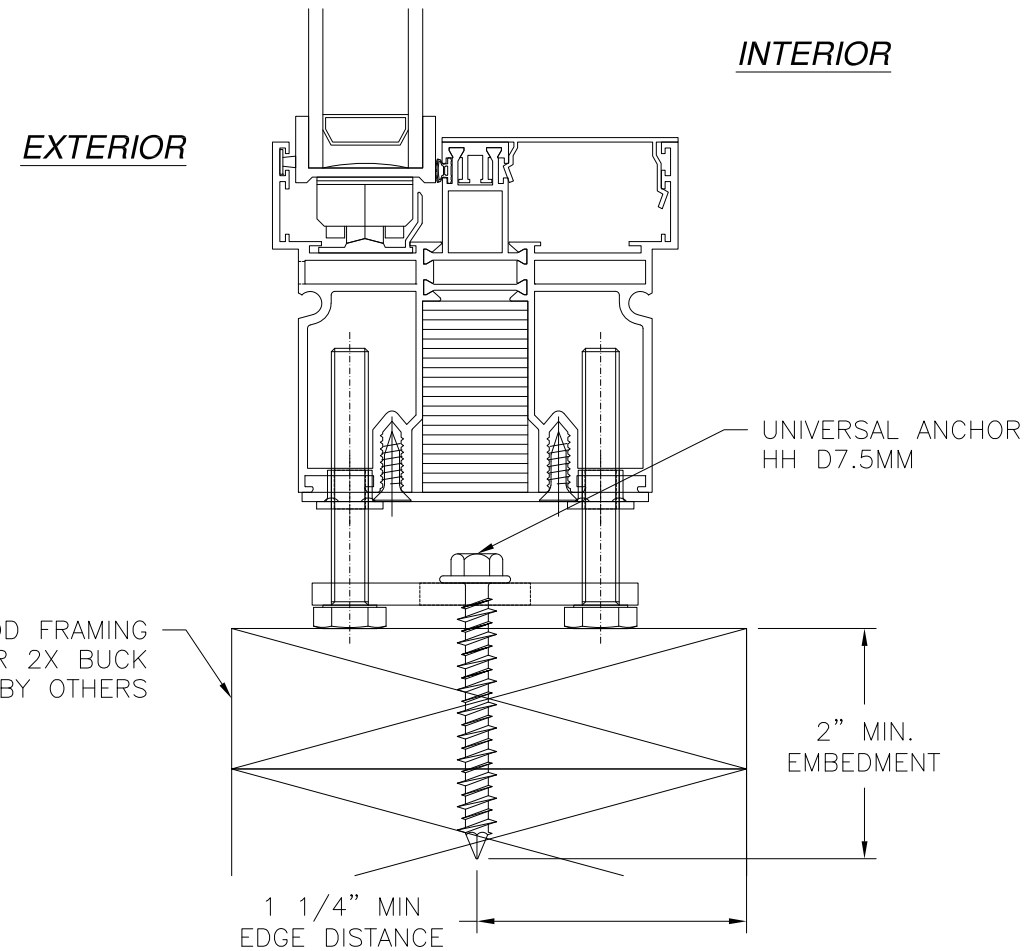
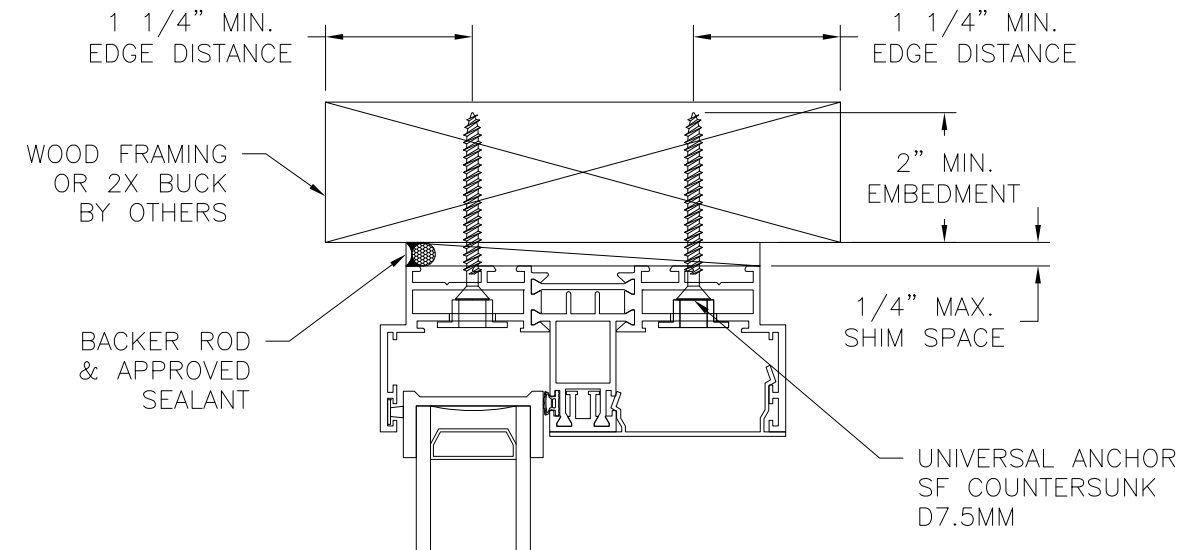
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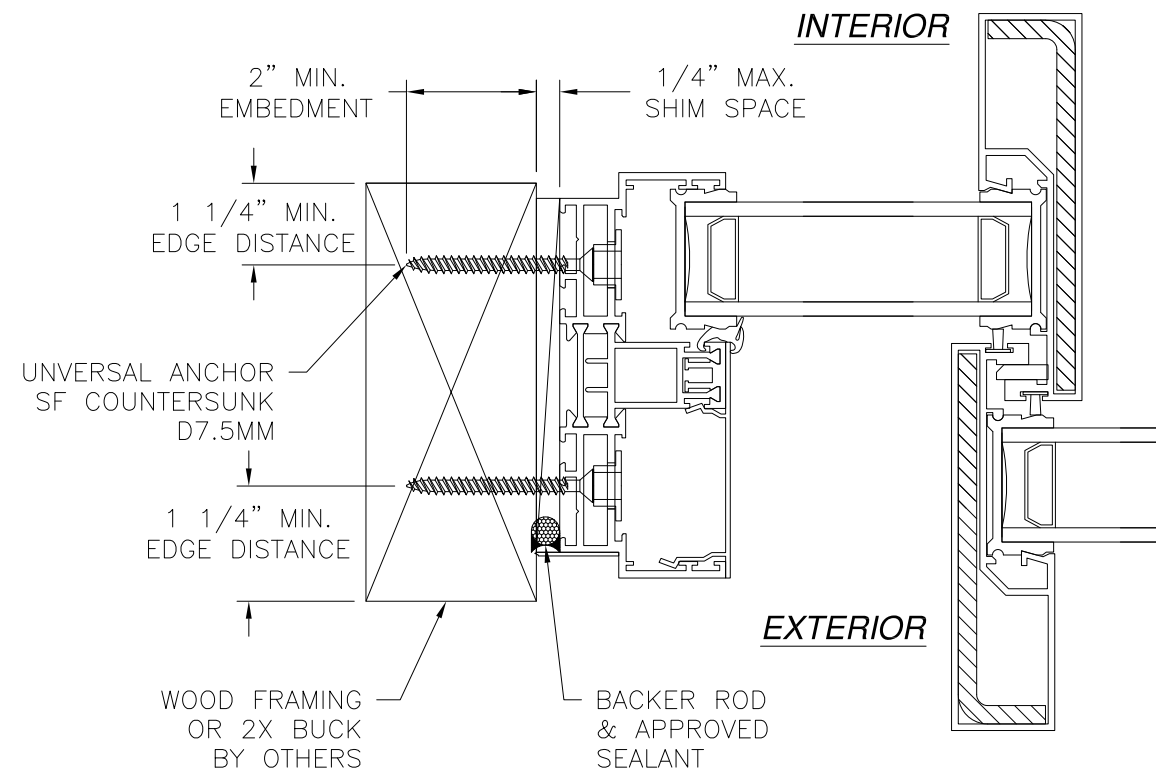
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

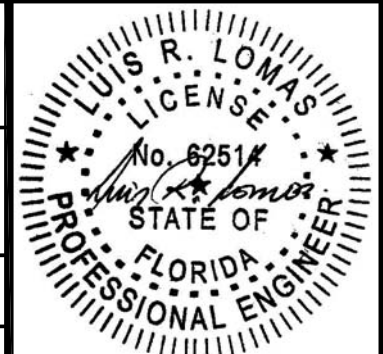
NOTES:
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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

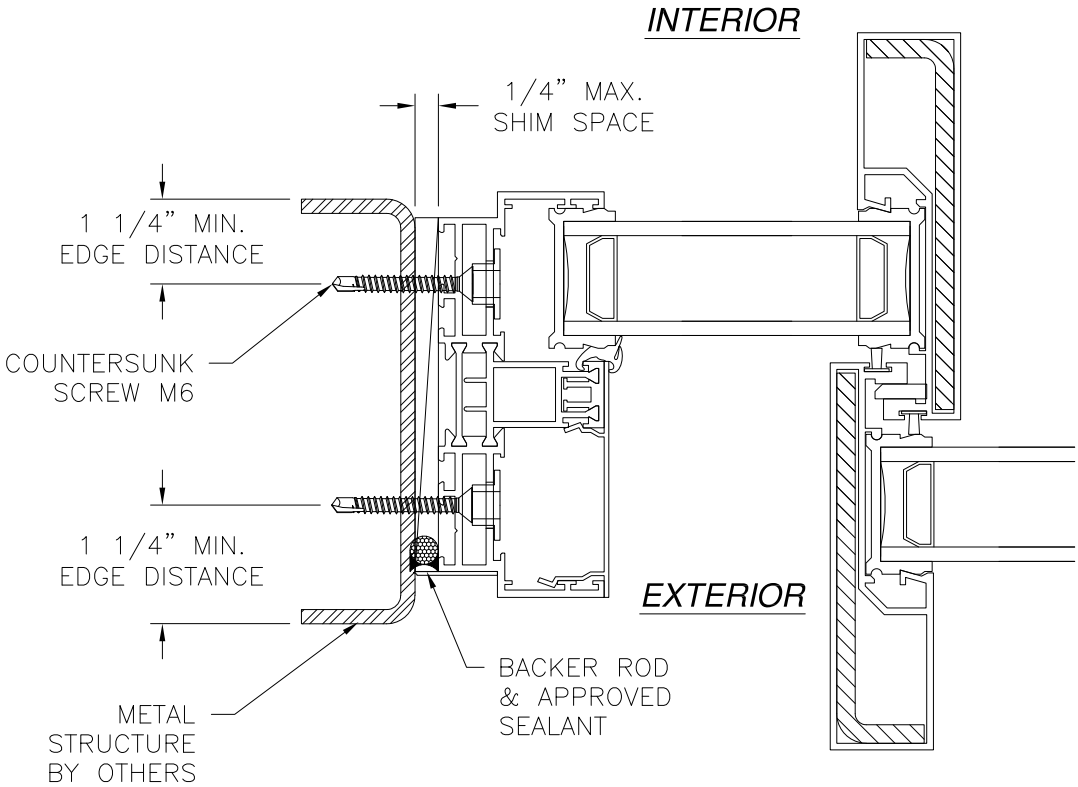
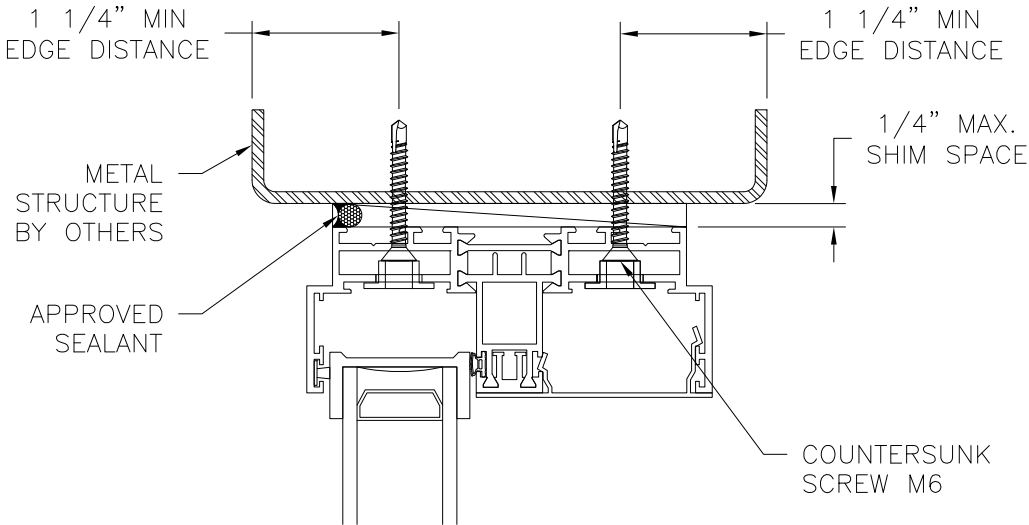
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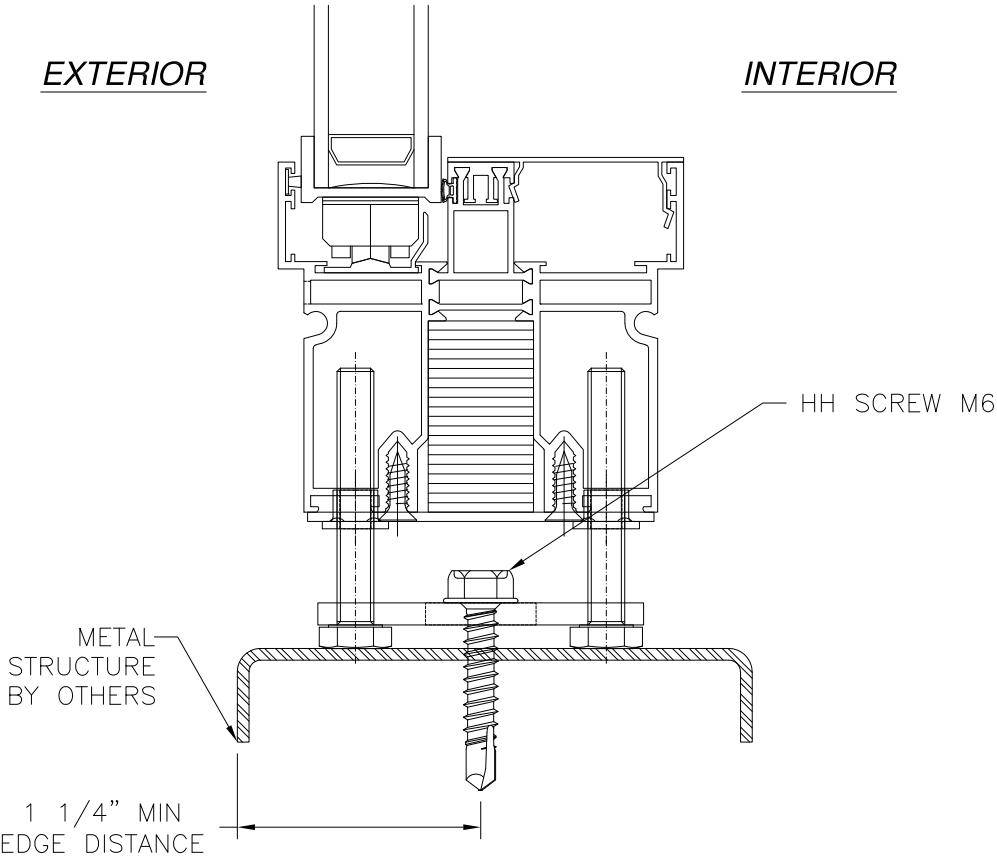


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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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SKY-FRAME INC.

LANGFELDSTRASSE 111

FRAUENFELD, SWITZERLAND CH-8500

SERIES SF2-CW50

ALUMINUM SGD NON-IMPACT

INSTALLATION DETAILS

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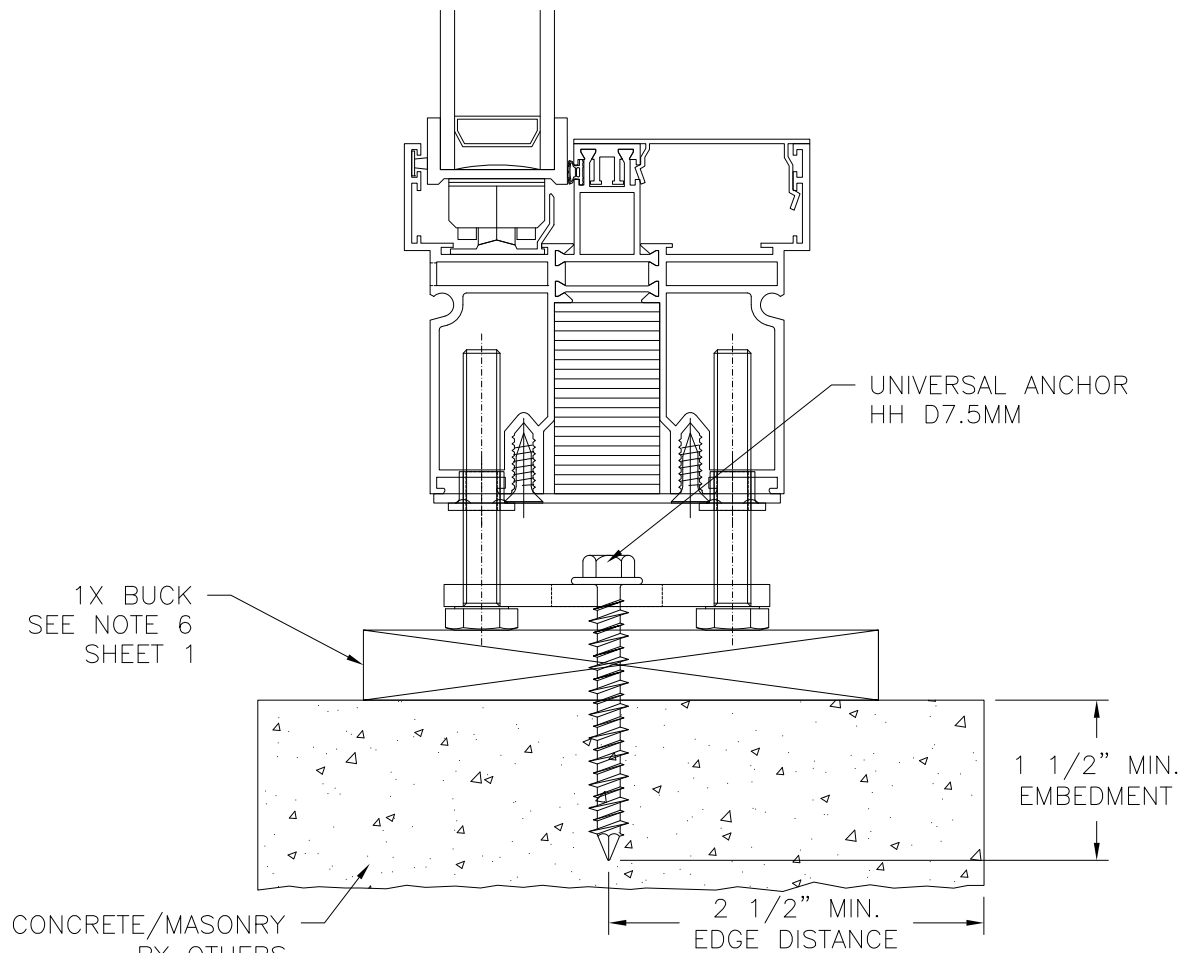
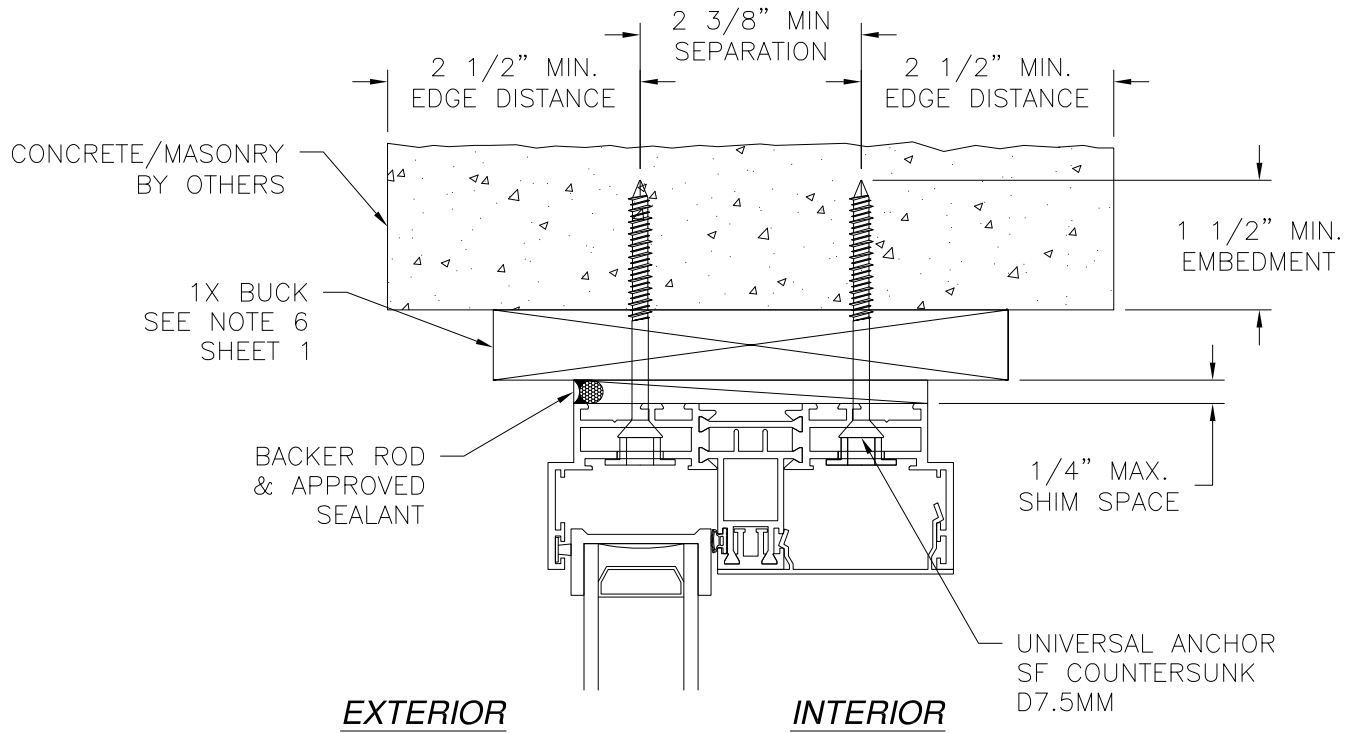
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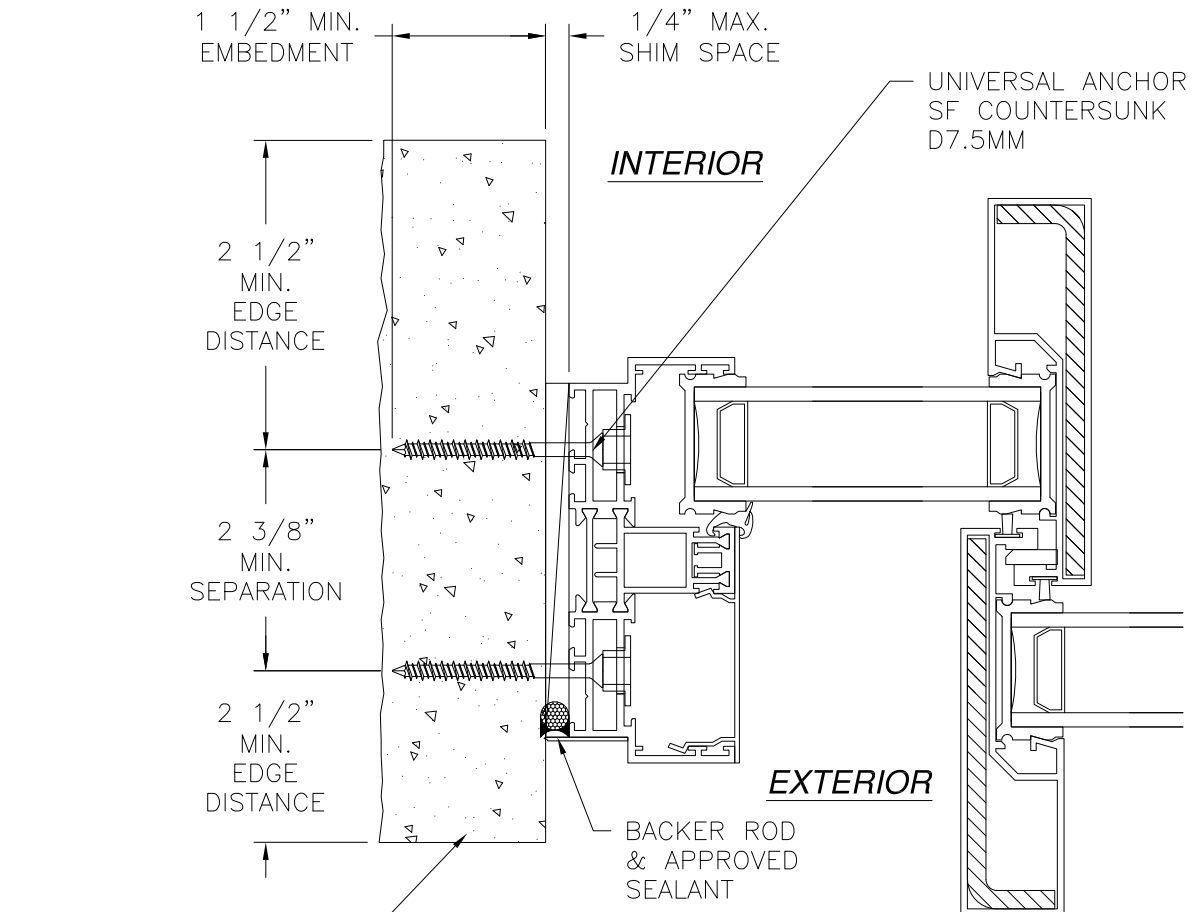


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VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL

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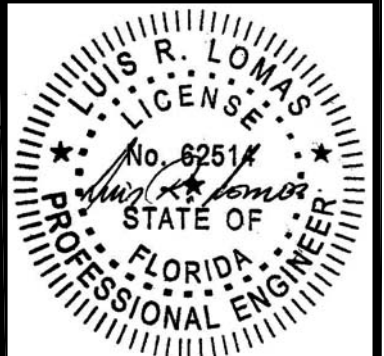


JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

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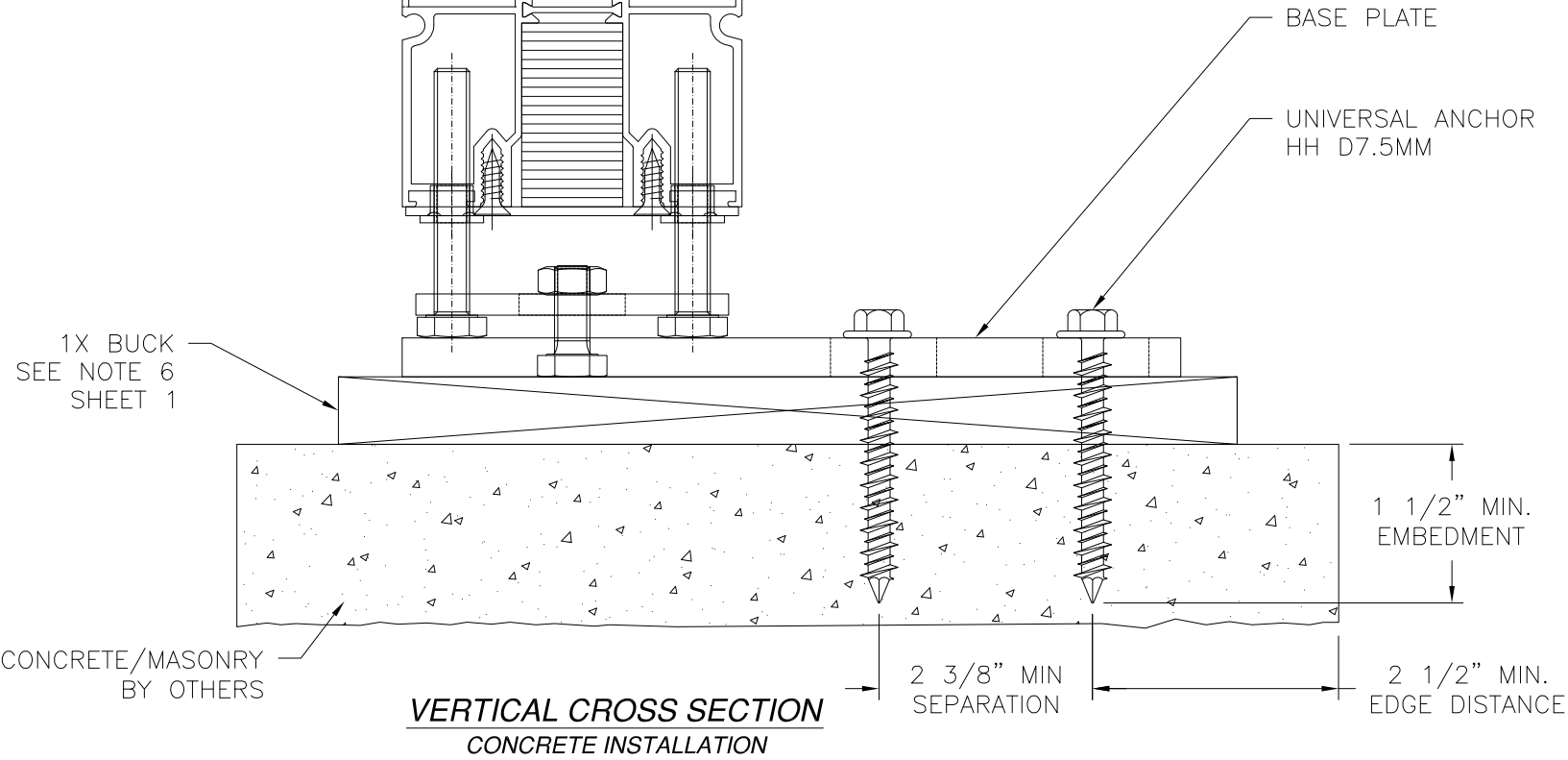


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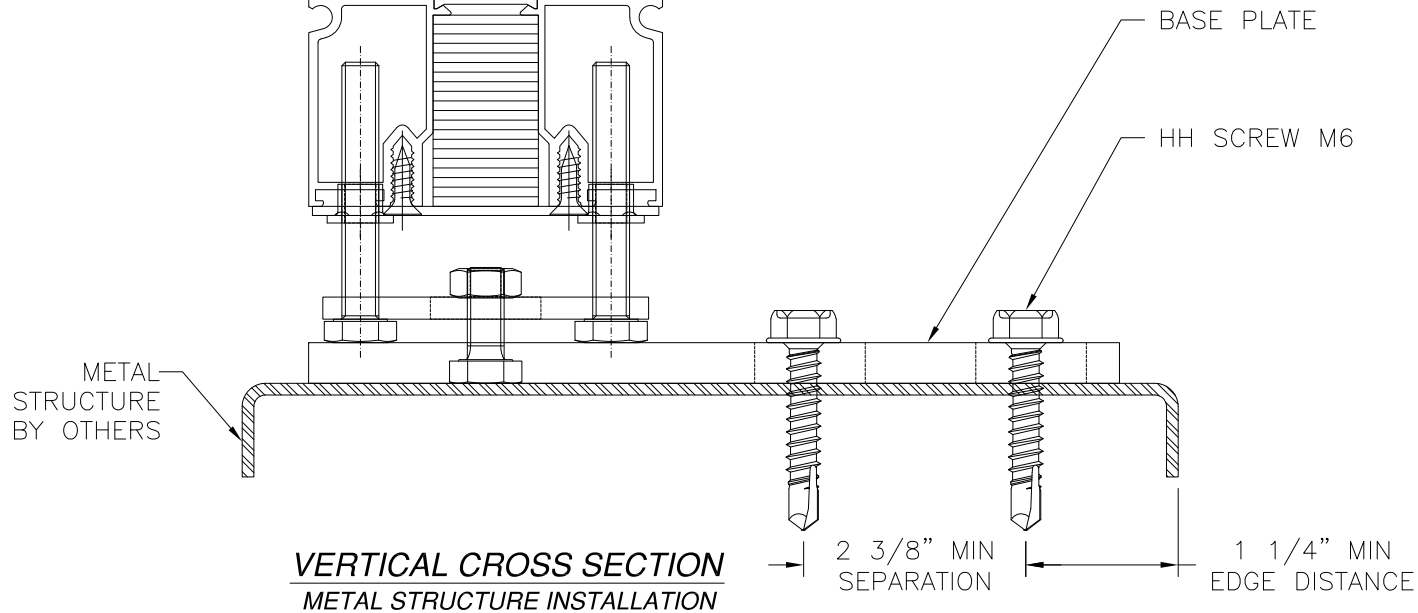
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INTERIOR



EXTERIOR

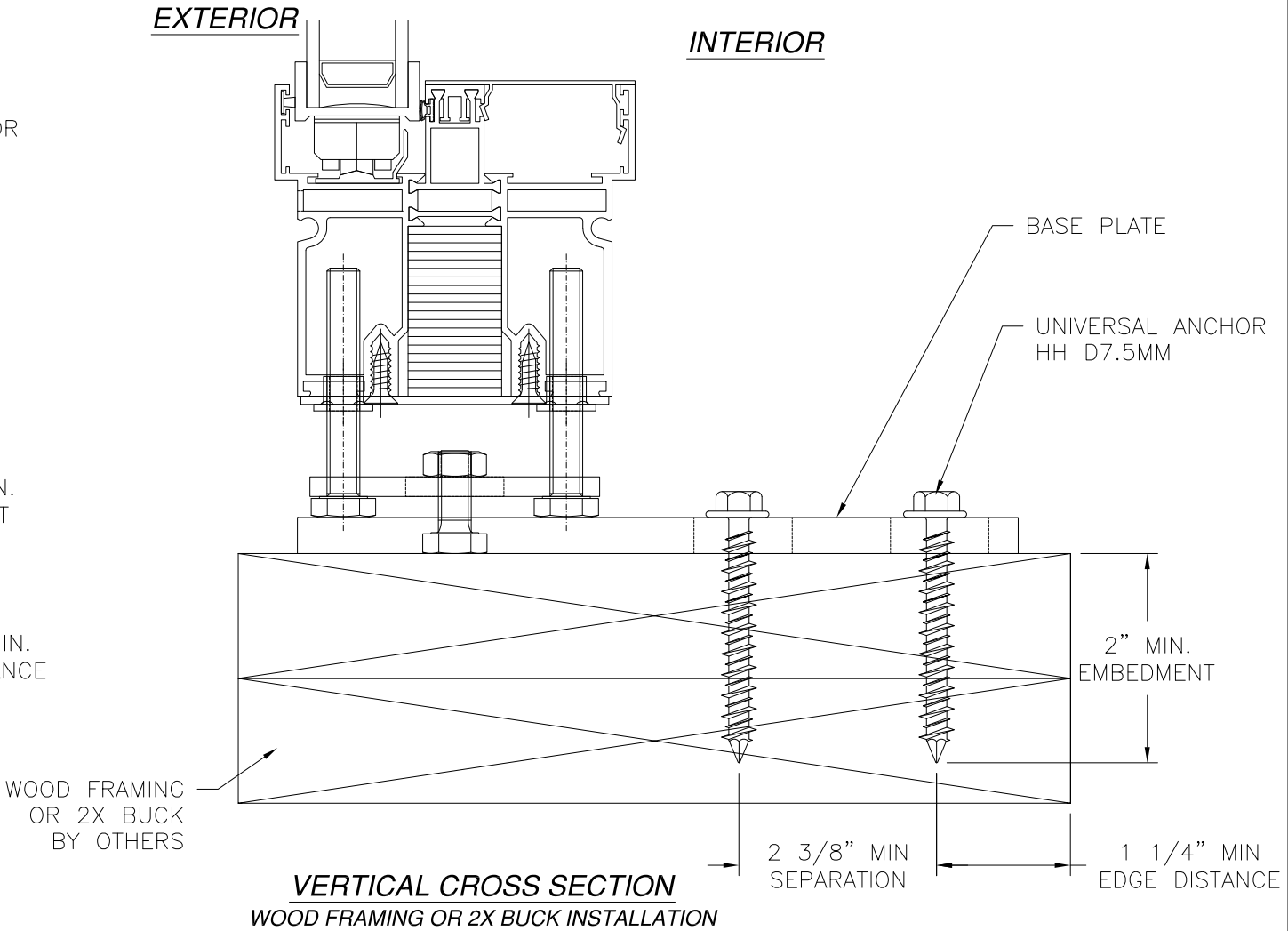
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INTERIOR



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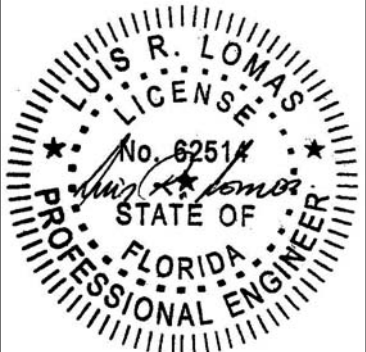
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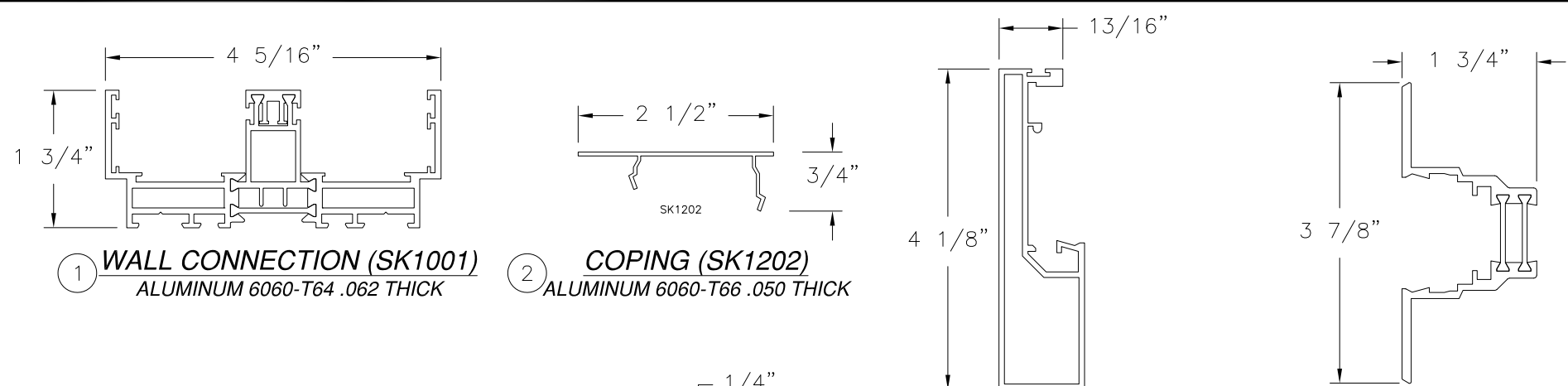
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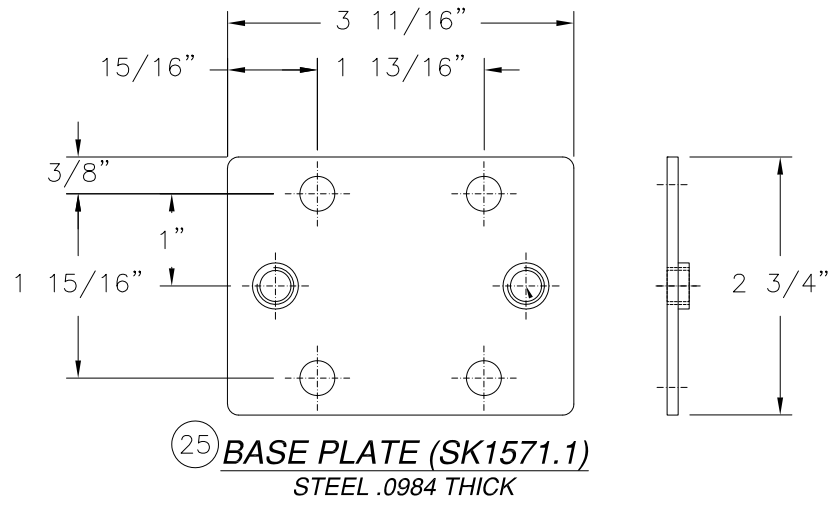
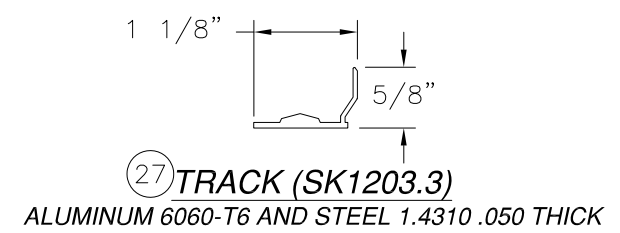
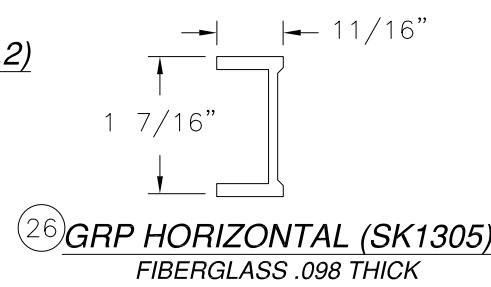
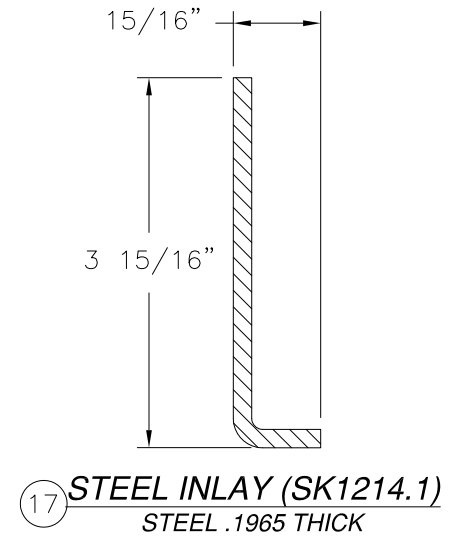
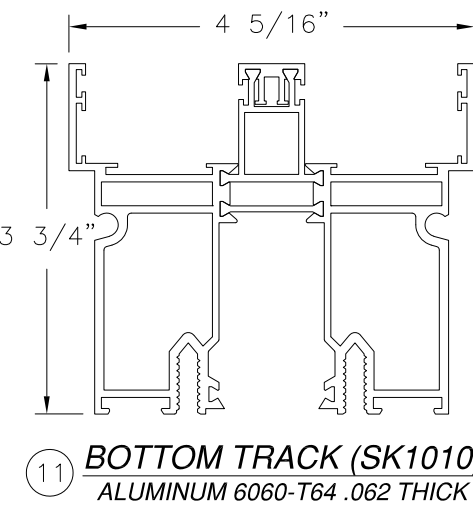
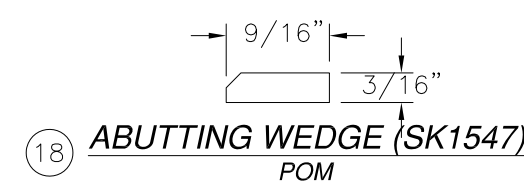
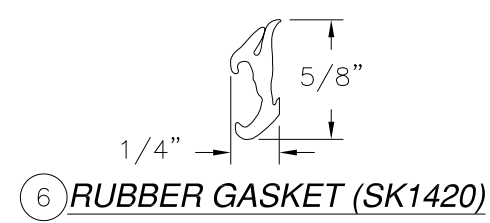
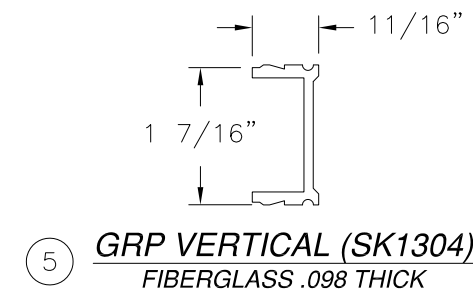
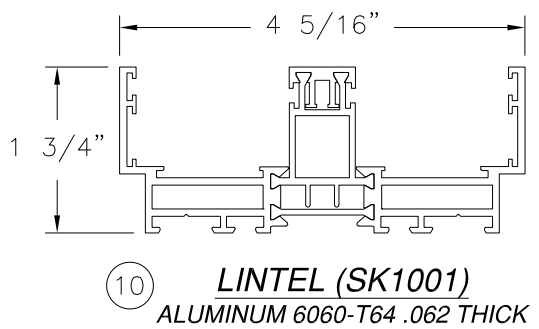
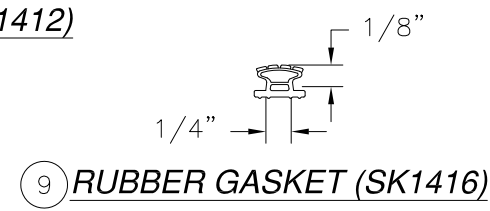
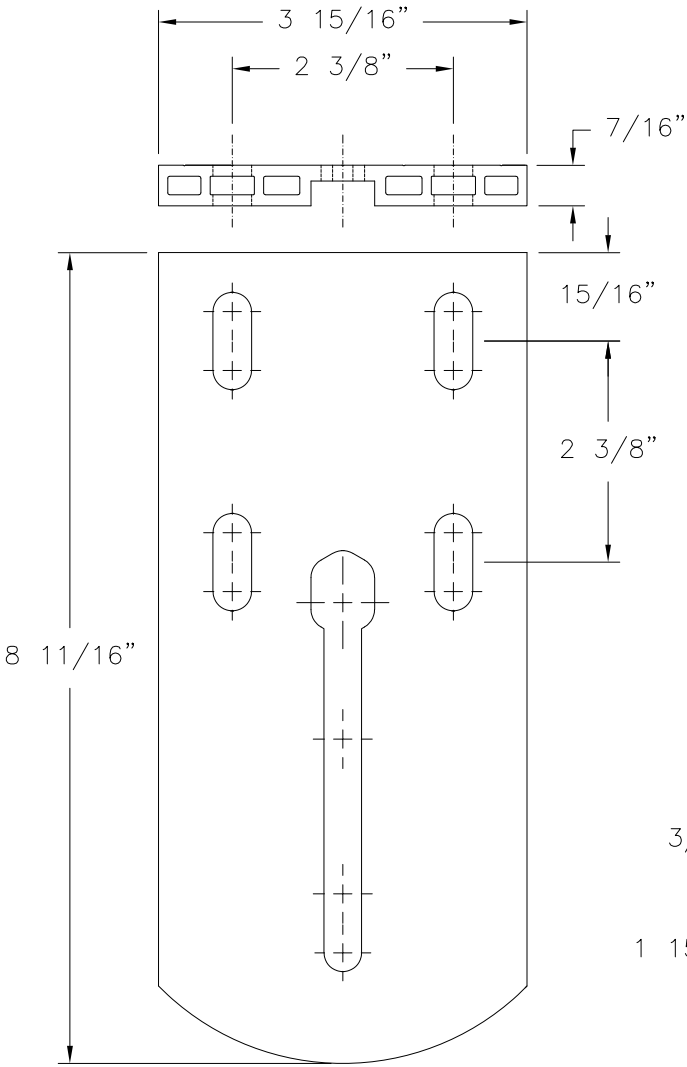


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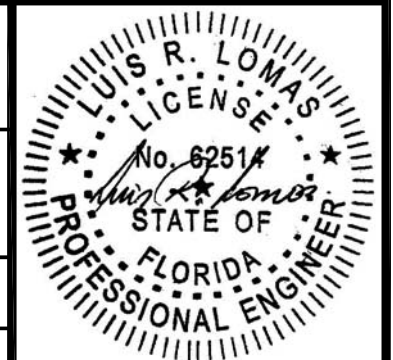
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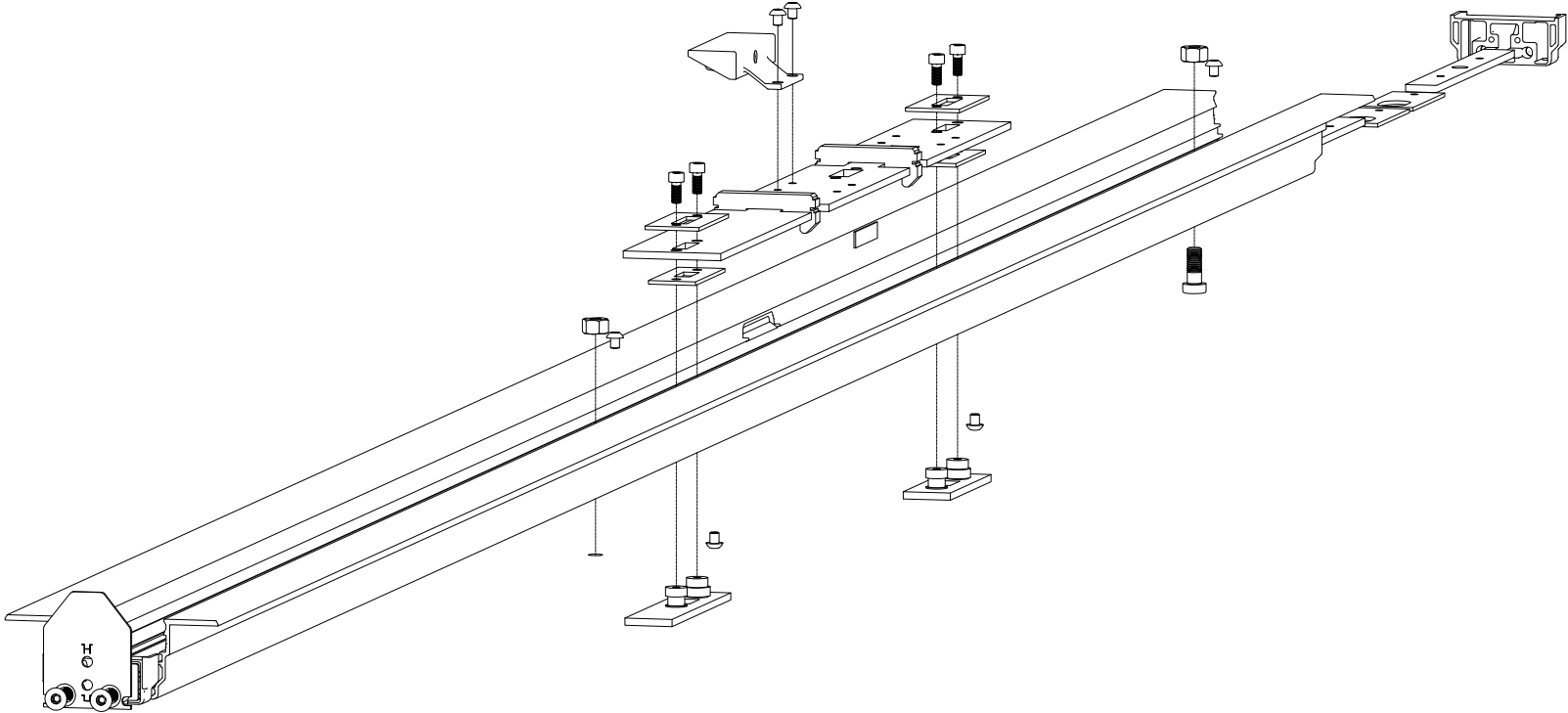
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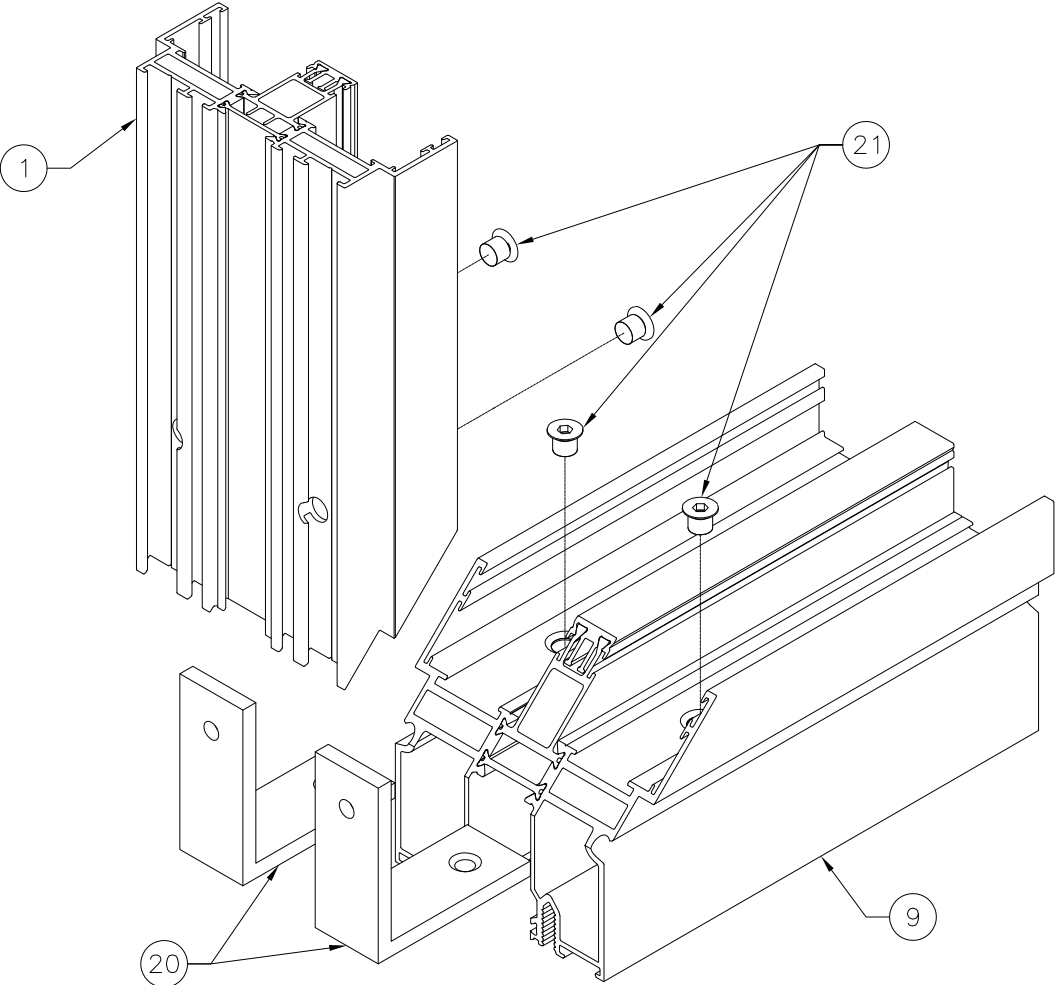


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4 **LOCKING PROFILE**
LOCK HARDWARE MODEL
SF2 RV



CORNER JOINT
ALUMINUM 6063-T6 .098 THICK

SIGNED: 11/29/2023

SKY-FRAME INC.

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