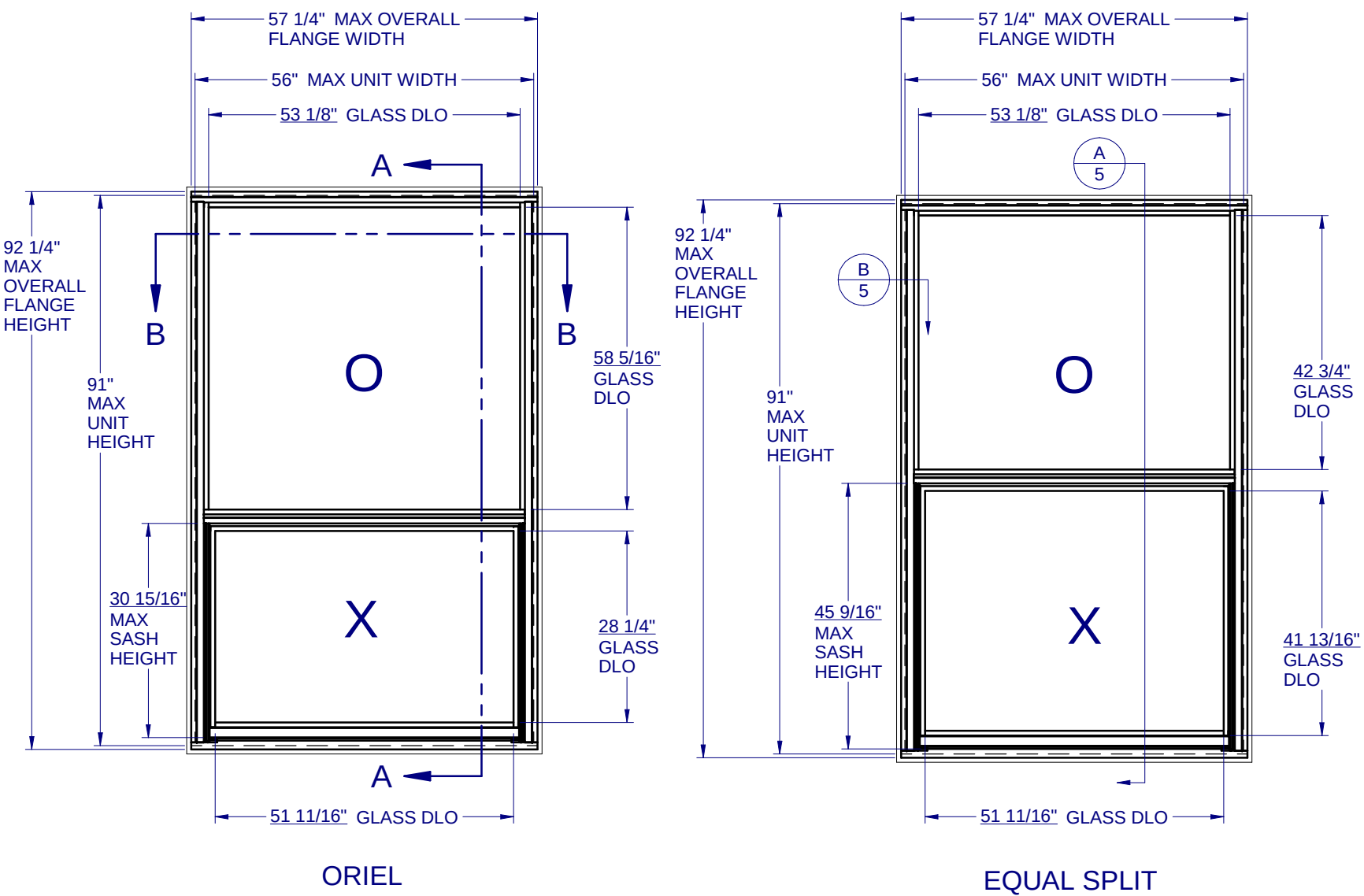


SINGLE HUNG - NON-IMPACT



- GENERAL NOTES:**
- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION.
 - 2. GLAZING OPTIONS: (SEE SHEET 2)
 - 3. CONFIGURATIONS: "O/X".
 - 4. DESIGN PRESSURE RATING:
 - NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
 - POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
 - 5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 5 FOR INSTALLATION DETAILS.
 - 6. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
 - 7. ALL FRAMES SCREWED TOGETHER. SMALL JOINT SEAM SEALANT USE AT ALL FRAME JOINTS.
 - 8. SERIES / MODEL DESIGNATION SH-3500.
 - 9. SOLID CONCRETE STRUCTURE IS RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD.
 - 10. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:
X = OPERABLE SASH, O = FIXED SASH.
 - 11. SECTION CALLOUTS FROM ELEVATIONS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
 - 12. WEEP SLOTS = 1/4" X 1 1/4" LOCATED 4" FROM BOTH ENDS.

Lucas Turner
2023.09.14
14:48:44
-05'00'

TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS.....1
SECTION VIEWS & GLAZING DETAIL....2
BOM & EXTRUSIONS.....3
ANCHOR SCHEDULE & NOTES.....4
INSTALLATION DETAIL.....5

CONFIG.	MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
EQUAL SPLIT	56" x 91"	+/-30 PSF	NONE
ORIEL			

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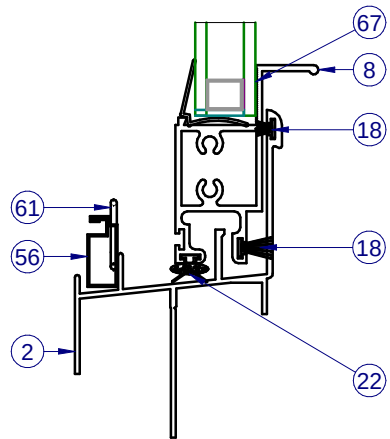
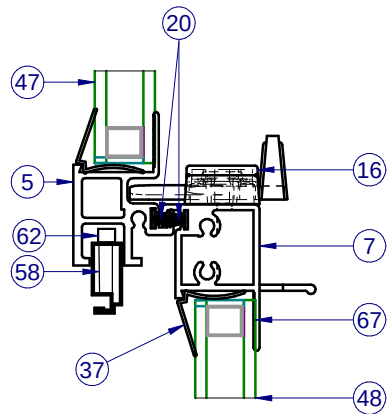
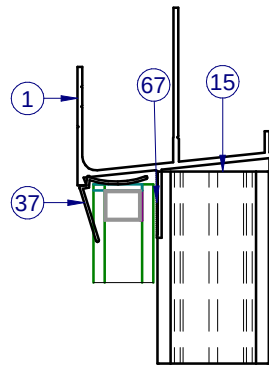
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FL PE # 58201
Turner Engineering & Consulting, Inc.
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Camden, TN 38320
PH. 941-380-1574

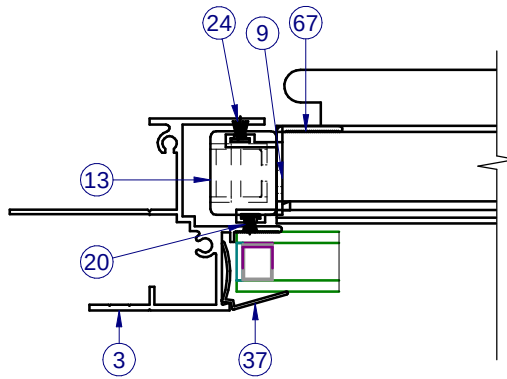
SHEET DESCRIPTION:
GENERAL NOTES AND ELEVATIONS

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DWG #: CWS-883	REV.: C
SCALE: 1:25	SHEET 1 OF 5

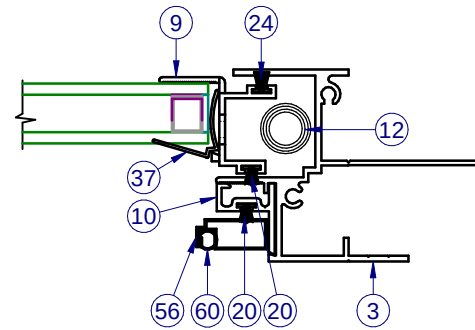


SECTION VIEW A-A

INTERIOR

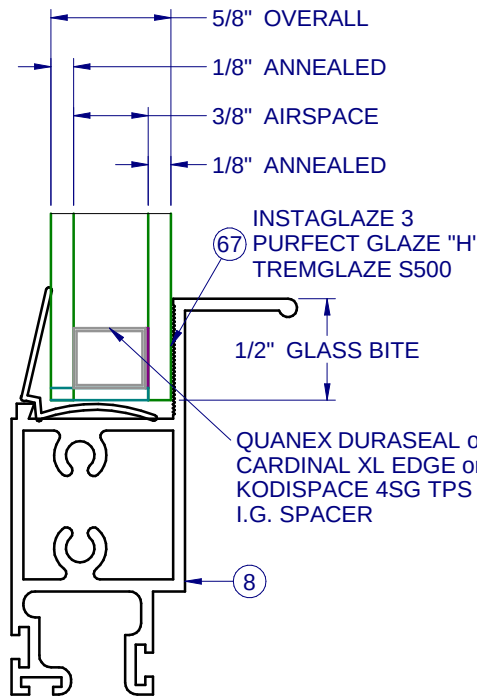


INTERIOR

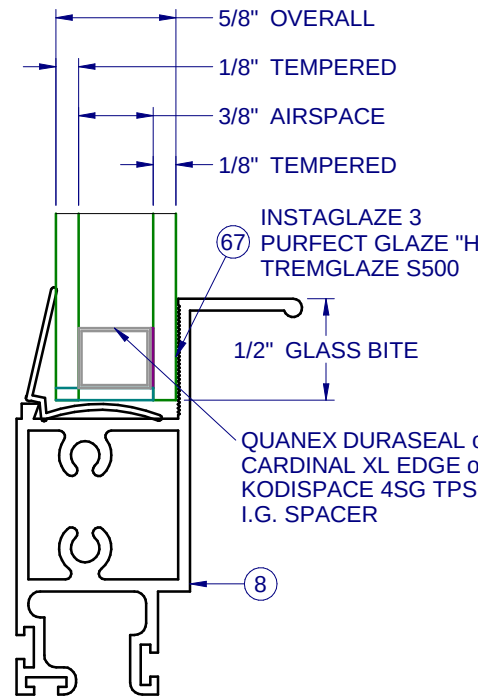


SECTION VIEW B-B

NOTE: LEFT SIDE SHOWS FIXED SECTION VIEW,
RIGHT SIDE SHOWS SASH SECTION VIEW



GLASS TYPE A
1:1



GLASS TYPE B
1:1

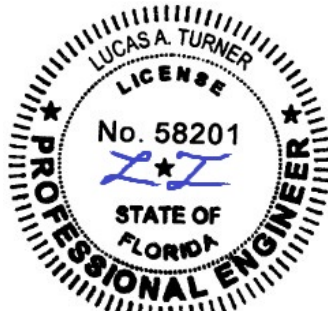
* SETTING BLOCKS PER FBC 2411.3.3.1

NOTE: ITEMS NOT SHOWN FOR CLARITY:
11,14, 23, 26-32, 34, 35, 42, 43-46, 59, 63, 65, 66

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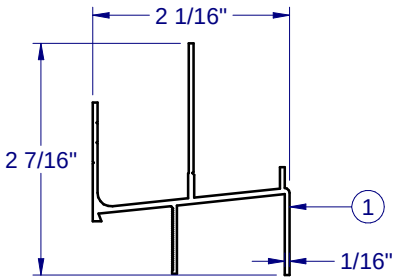
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**SECTION VIEWS AND
GLAZING DETAILS**

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MCS	9/6/2023
DWG #:	REV.:
CWS-883	C
SCALE:	SHEET
1:2	2 OF 5

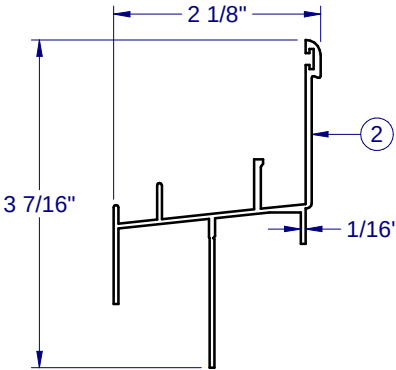
PARTS LIST			
Item	Part #	Description	Material
1	S-1330	Fr. Head, Fin., Head	Aluminum
2	S-1180	Fr. Sill, Fin., Sill	Aluminum
3	S-1500	Fr. Jamb, Fin.	Aluminum
5	H-1563	Fxd. Mtg. Rail	Aluminum
7	H-1072	Sash Meet. Rail	Aluminum
8	H-1181	Sash Bot./Pull Rail	Aluminum
9	S-1073	Sash Side/Top Rail	Aluminum
10	S-1074	Scrn. Adapt., w/o leg, Vert.	Aluminum
11	S-2020	Install Clip	Aluminum
12		Sash Balance	
13	P-3040	Sash Cam	
14	P-3046	Take Out Clip	
15	P-3043	Sash Stop	
16	P-4707	SWEEP LOCK, AMBIDEXTROUS (3500/7000)	Nylon
18	P-3305	Wstp., 0.270 x .187 back FinSeal, Black, SoftTouch	Nylon
20	P-3304	Wstp., .180 x .187 Back, Fin, UltraFin	Nylon
22	P-3011	Wstp., 0.350 x .187 back, foam filled bulb w/wands	Nylon
24	P-3309	Wstp., 0.210 x .187 back FinSeal, Black, SoftTouch	Nylon
26	P-4144	#8 x 1.000 w/ 1/4" lead Quad Type A SMS	Steel
28	P-3635	#8 x 0.750 Quad PH Type A SMS	Steel
29	P-3515	#8 x 0.625 Ph FH Type A SMS	Steel
30	P-3264	Gasket, Hd. & Sill at Jb., SH-3500	Closed Cel
33		Seam Sealer, SM-5504	
34	P-3373	Pad, Sill, SH-3500	Open Cell
36	P-3431	Glazing Bead, Single Glazed	Metal
37	P-3020	Glazing Bead, Insulated glass	PVC
42	P-3352	Set. Blk., 85 Dur., 1/8" x 5/8" x 2" Lg.	
47		Glass, Fixed	
48		Glass, Sash	
56	P-3218	Screen Frame	Alum
58	P-4754	SCREEN CORNER KEY	Alum
59	P-4771	36"-BetterVue Insect Screen, 18x16	
60	P-5576	Screen Spline, .125" Black PE Ribbed	Nylon
61	P-4755	SCREEN CORNER KEY (Rollform scrn 1" Offset "w/ safety	Steel
62	P-3195	SPRING, NO HOLE TENSION C-8400	SS
63	S-1123	Nailing Fin, Archtop	Aluminum
66	S-1114	HEAD, SH ARCHTOP (SH-3500)	Aluminum
67		SikaFlex 552, Purfect Glaze "H"	
68		Mull bar Anchor Clip	Aluminum

LINE ITEMS NOT USED
6,19,25,27,31,32,35,37-41,44,49-55,57,64,65,68

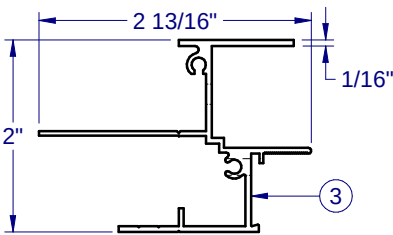
NOTE: ALL ALUMINUM EXTRUSION ARE 6063-T6 UNLESS OTHERWISE NOTED.



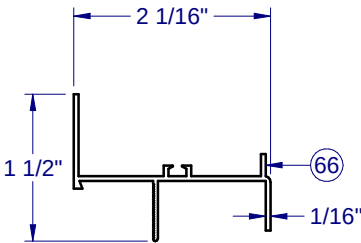
FIN HEAD S-1330



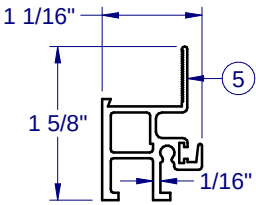
FIN SILL S-1180



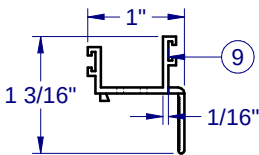
FIN JAMB S-1500



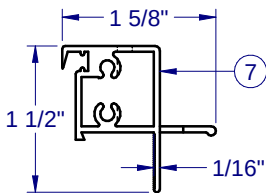
FLANGE HEAD, ARCHTOP S-1114
(USED WITH S-1126)



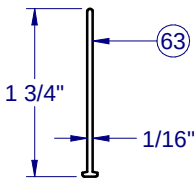
FIXED RAIL H-1563



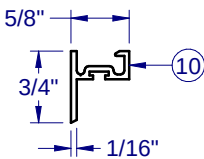
SASH SIDE RAIL S-1073



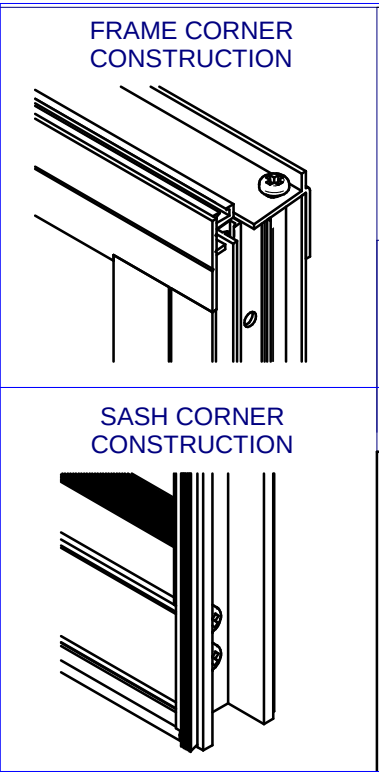
SASH TOP RAIL H-1072



NAILING FIN - 1123



SCREEN ADAPTER S-1074





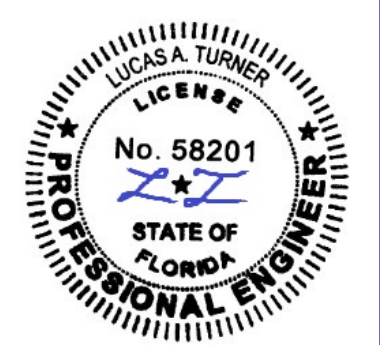
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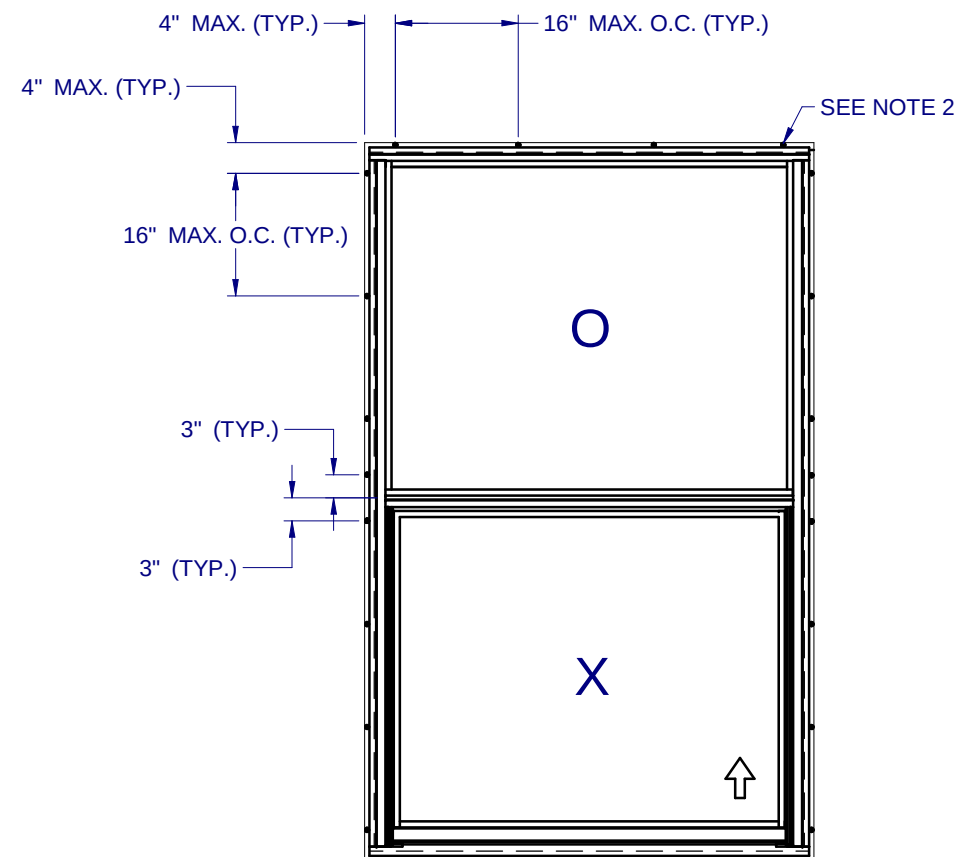


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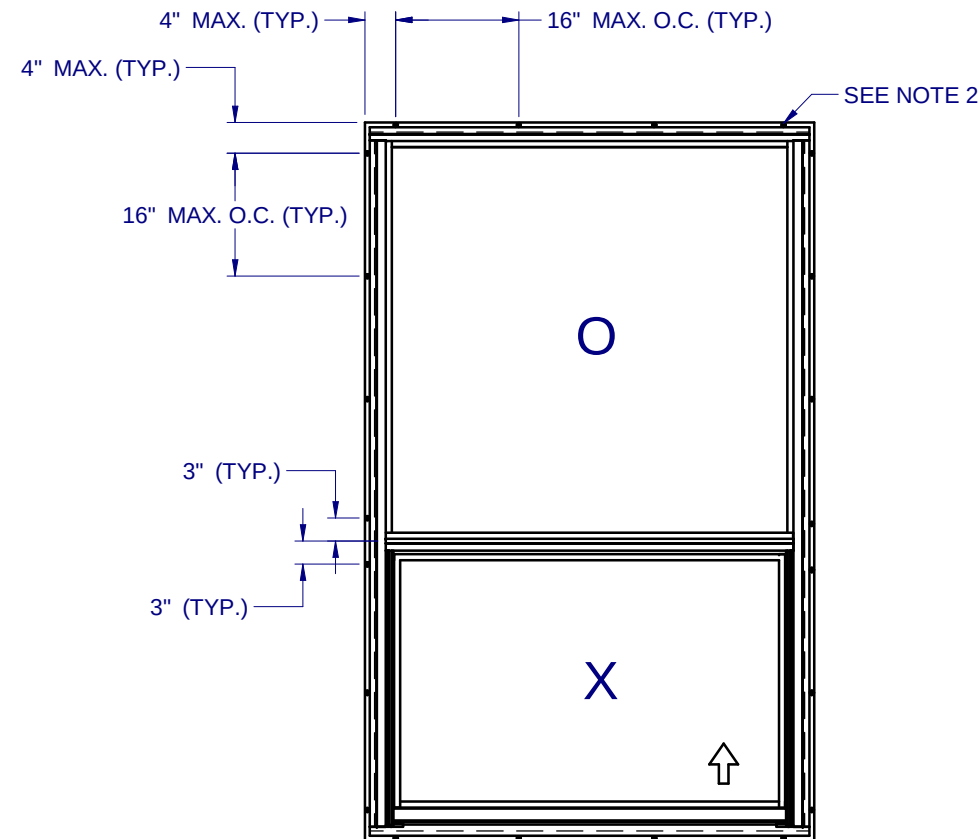
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SHEET DESCRIPTION:
BOM & EXTRUSIONS

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DWG #: CWS-883	REV.: C
SCALE: 1:2	SHEET 3 OF 5



ANCHOR LAYOUT - (FIN)
THRU FIN (WOOD)



ANCHOR LAYOUT - (FIN)
THRU FIN (WOOD)

NOTES:

1. INSTALL ONE ANCHOR AT EACH LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
2. SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 5.
4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR COATED WITH A CORROSION RESISTANT MATERIAL. DISSIMILAR MATERIALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 5.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.
7. A MINIMUM 1" CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL WOOD FASTENERS.
8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE 1, SHEET 5. CONCRETE AND MASONRY SUBSTRATES SHALL NOT BE CRACKED.
9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS:
FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS).



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**ANCHOR SCHEDULE
AND NOTES**

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SCALE:	
1:25	SHEET 4 OF 5

TYPICAL HEAD ANCHORAGE

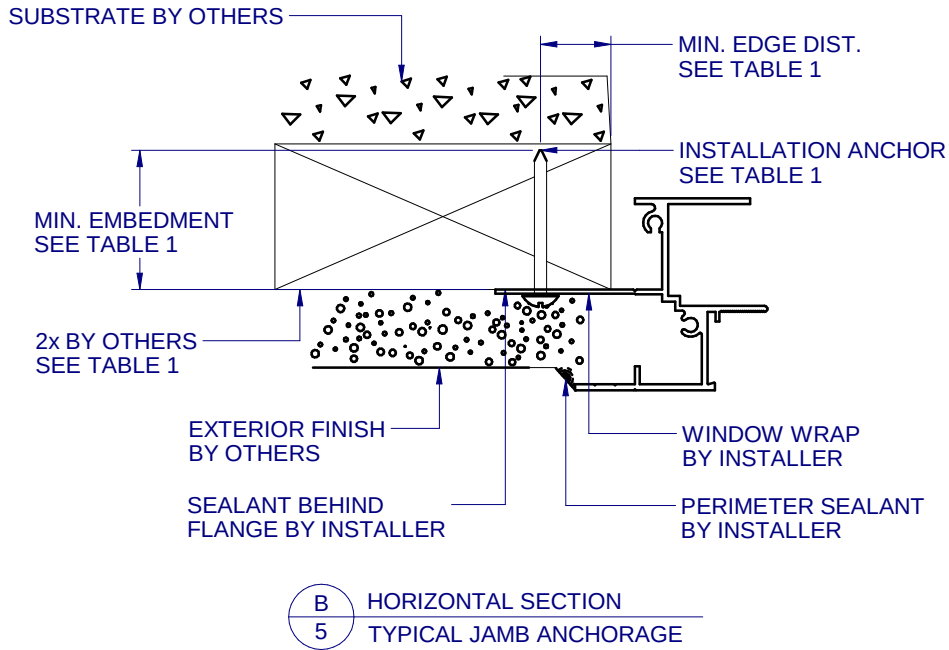
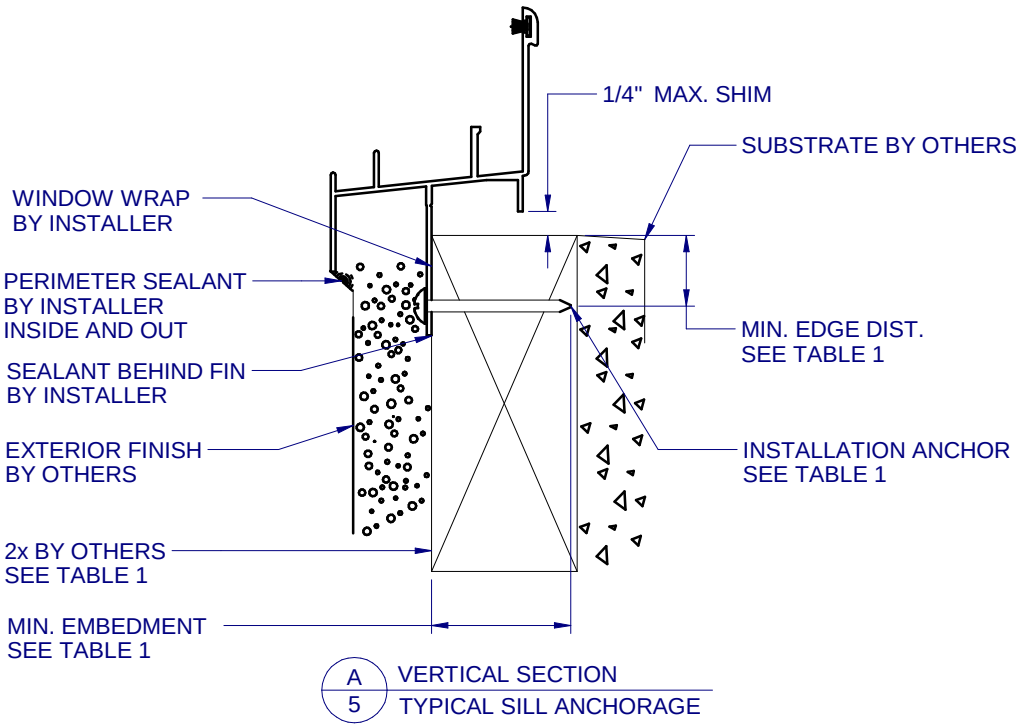
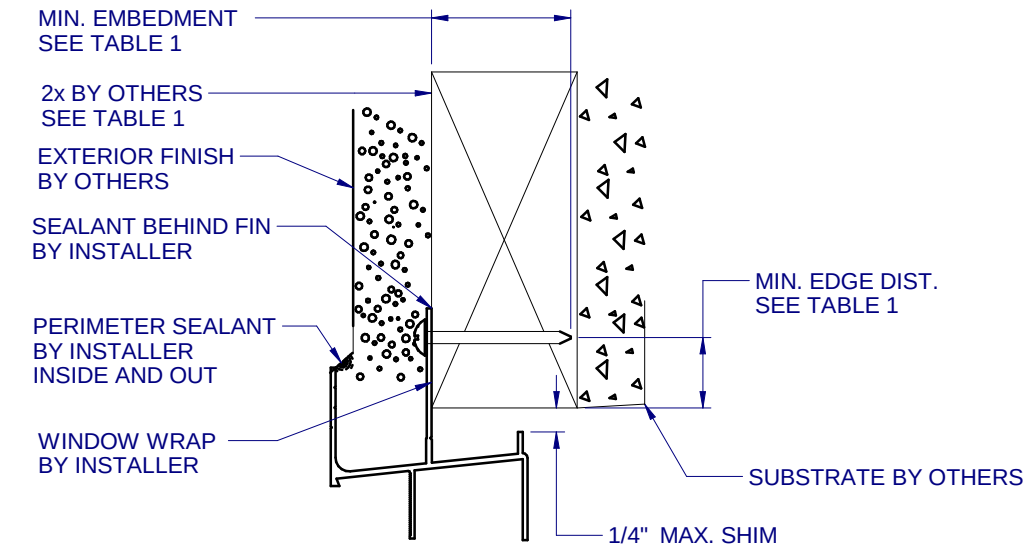


TABLE 1: APPROVED INSTALLATION FASTENERS

SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST.
2x MIN. SPRUCE-PINE-FIR WOOD (G=0.42 MIN.)	#8 WOOD SCREW	1-1/4"	7/16"



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SHEET DESCRIPTION:

INSTALLATION DETAILS

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DWG #:	REV.:
CWS-883	C
SCALE:	SHEET
1:2	5 OF 5