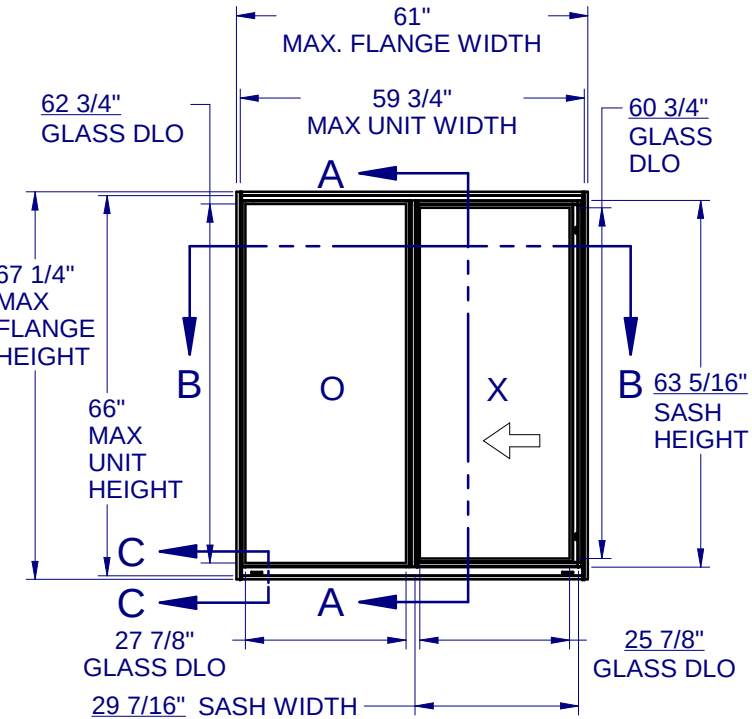
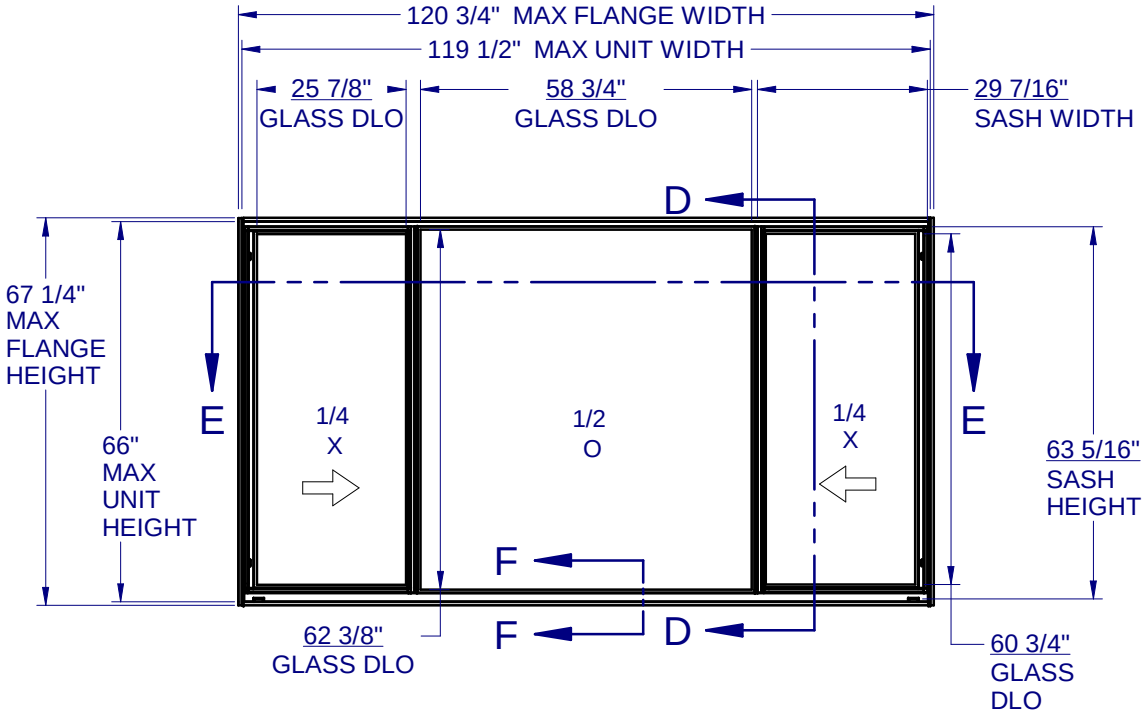
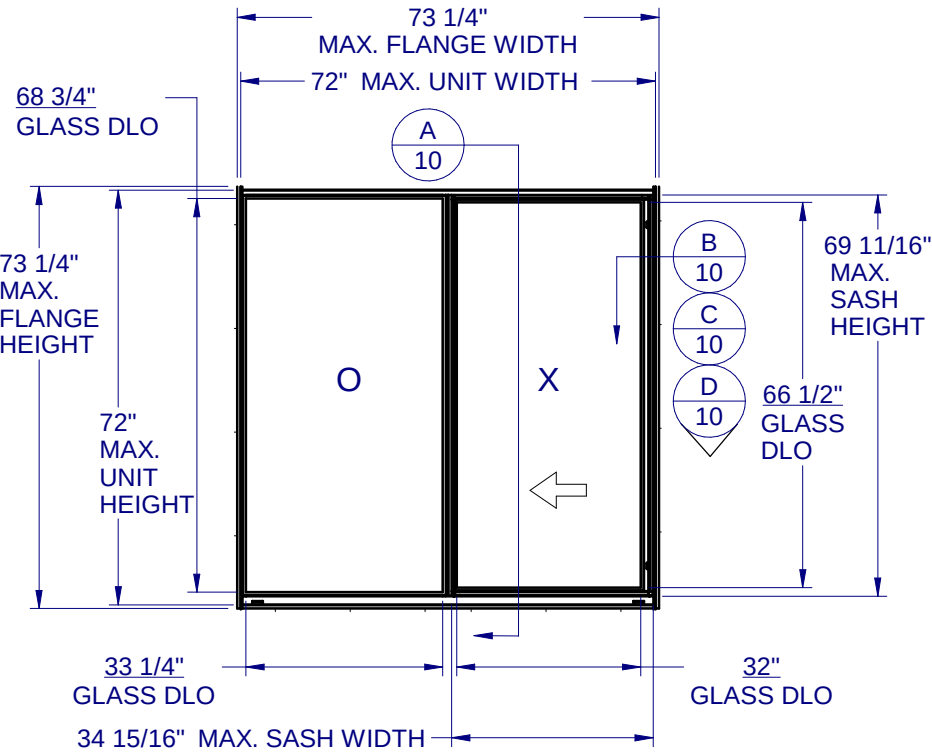
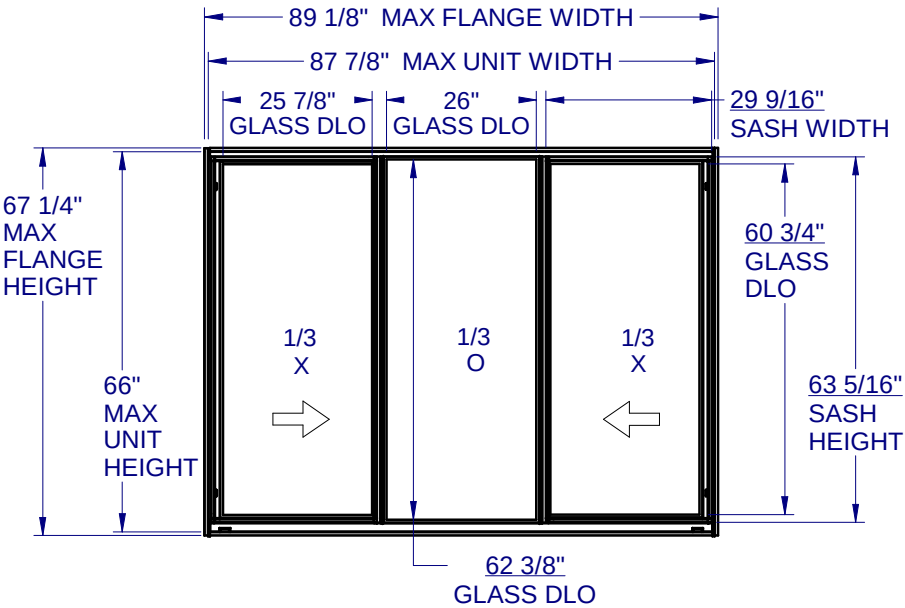


HORIZONTAL SLIDER - NON-IMPACT

(SHOWN W/ DIFFERENT OPTIONS)



MAX. SIZE W/ STD FIXED RAIL



MAX. SIZE W/ HD FIXED RAIL

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: "OX", "XO", "XOX".
4. DESIGN PRESSURE RATING:
 - NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E-1300.
 - POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300.
 - DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 10 FOR INSTALLATION DETAILS.
6. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
7. ALL FRAMES AND VENTS SCREWED TOGETHER. SMALL JOINT SEAM SEALANT USE AT ALL FRAME JOINTS.
8. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:
X = OPERABLE SASH, O = FIXED SASH.
9. SECTION CALLOUTS FROM ELEVATIONS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
10. WEEP SLOTS = 1/4" X 1" LOCATED 3-1/2" FROM BOTH ENDS.

Lucas Turner
2026.09.21
16:07:36
-05'00'



1900 SW 44TH AVE.
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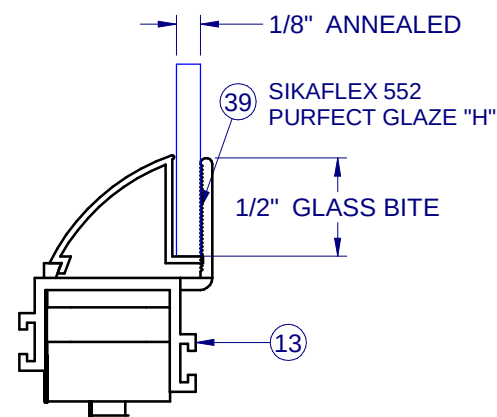
9/21/2026
LUCAS A. TURNER, P.E.
FL PE # 58201
Turner Engineering &
Consulting, Inc.
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:
GENERAL NOTES AND
ELEVATIONS

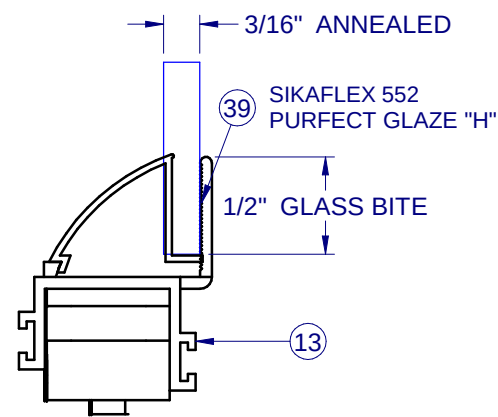
DRAWN BY:	DATE:
MCS	8/20/2026
DWG #:	REV.:
CWS-172	H
SCALE:	SHEET
1:33	1 OF 10

GENERAL NOTES & ELEVATIONS.....1
GLAZING DETAILS.....2
COMPARATIVE ANALYSIS.....3-5
SECTION VIEWS - "OX" / "XO".....6
SECTION VIEWS - "X/O/X".....7
BOM & EXTRUSIONS.....8
ANCHOR SCHEDULE & NOTES.....9
INSTALLATION DETAIL.....10

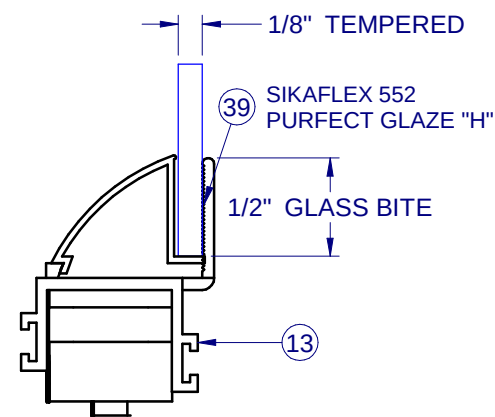
DESIGN PRESSURE RATING	IMPACT RATING
SEE COMPARATIVE ANALYSIS CHARTS, SHEETS 3-5	NONE



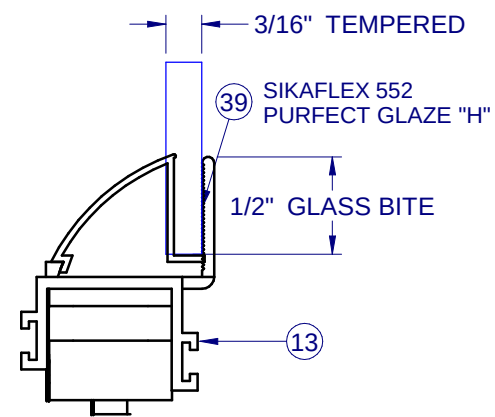
GLASS TYPE A



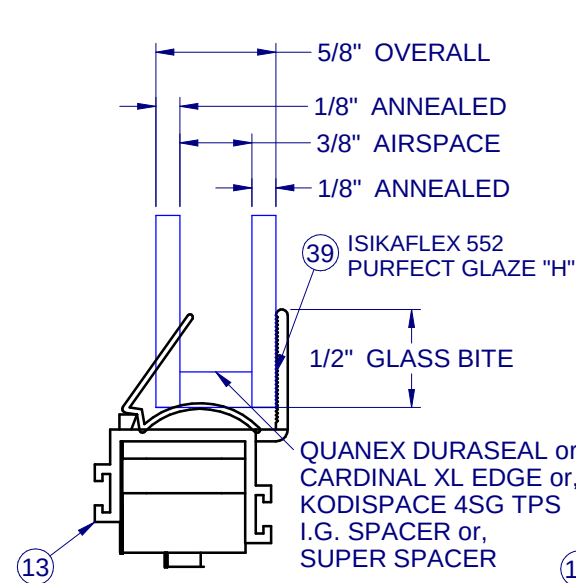
GLASS TYPE B



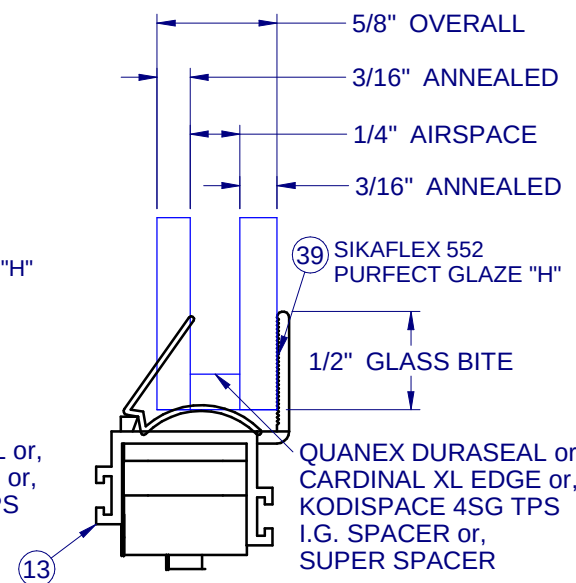
GLASS TYPE C



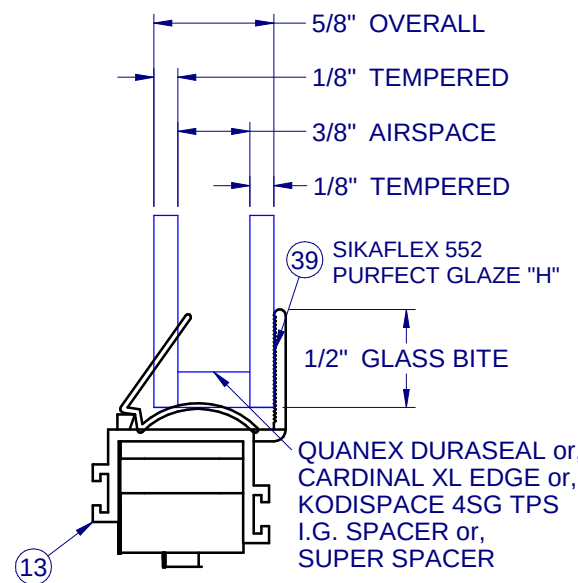
GLASS TYPE D



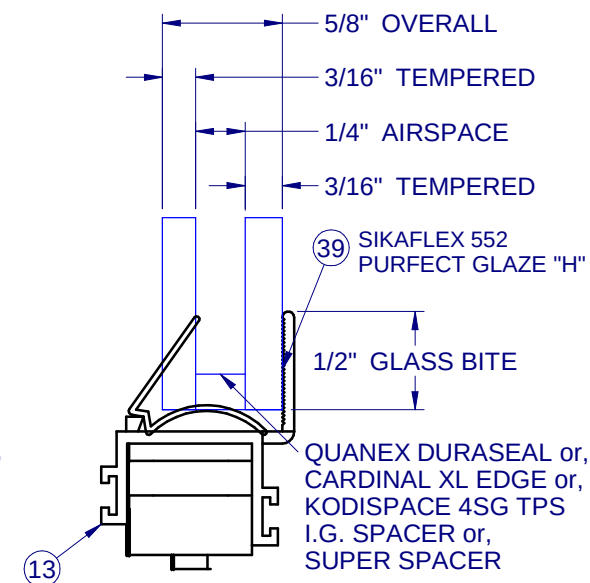
GLASS TYPE E



GLASS TYPE F



GLASS TYPE G



GLASS TYPE H

NOTES:

-GLASS TYPE C, D, G AND H AS INDICATED IN THIS APPROVAL IS SGCC CERTIFIED TO ANSI Z97.1 AND CPSC 16 CFR 1201, TO BE FIELD VERIFIED BY PERMANENT ETCHING MARK ON EACH GLASS LITE.



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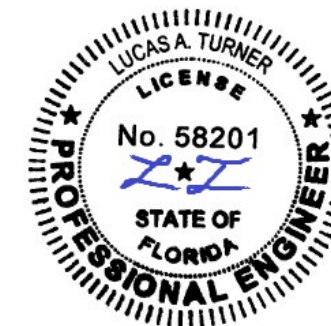
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FL PE # 58201
Turner Engineering &
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2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

GLAZING DETAILS

DRAWN BY:

MCS

DATE:

8/20/2026

DWG #:

CWS-172

REV.:

H

SCALE:

1:1

SHEET
2 OF 10

Design Pressures (PSF) for "XO" Equal Split Configuration										
Unit	Glass	Unit Widths (in.)								
Ht (in.)	Types	24.75	29.5	35.5	39.5	43.5	47.5	51.5	55.5	59.75
17.875	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52	+35 / -46.4	+35 / -41.7
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52	+35 / -46.4	+35 / -41.7
23.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.5	+35 / -41.5	+35 / -36.7
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.5	+35 / -41.5	+35 / -36.7
29.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.1	+35 / -40.6	+35 / -35
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.1	+35 / -40.6	+35 / -35
35.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.1	+35 / -40.6	+35 / -35
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.1	+35 / -40.6	+35 / -35
41.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.1	+35 / -40.6	+35 / -35
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.1	+35 / -40.6	+35 / -35
47.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -48.6	+35 / -46.4	+35 / -45.9	+35 / -45.8	+35 / -40.6	+35 / -35
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.1	+35 / -40.6	+35 / -35
53.5	A	+35 / -52.5	+35 / -52.5	+35 / -49.7	+35 / -42.6	+35 / -39.6	+35 / -38.7	+35 / -38.8	+35 / -38.8	+35 / -35
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.1	+35 / -40.6	+35 / -35
59.5	A	+35 / -52.5	+35 / -52.5	+35 / -47.2	+35 / -39.6	+35 / -35.4	+33.3 / -33.3	+33 / -33	+33.3 / -33.3	+33.6 / -33.6
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.5	+35 / -47.2	+35 / -44.5	+35 / -40.6	+35 / -35
66	A	+35 / -52.5	+35 / -52.5	+35 / -45	+35 / -37.2	+31.9 / -31.9	+29.1 / -29.1	+28.3 / -28.3	+28.3 / -28.3	+28.6 / -28.6
	B THRU F	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -48.2	+35 / -44.5	+35 / -41.5	+35 / -39	+35 / -36.9	+35 / -35

Design Pressures (PSF) for "XO" Equal Split Configuration											
Unit	Glass	Unit Widths (in.)									
Ht (in.)	Types	29.5	35.5	39.5	43.5	47.5	51.5	55.5	59.5	65.5	72
17.875	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -60.3
23.5	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -59.1	+45 / -51.2
29.5	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -65.9	+45 / -54.9	+45 / -46.5
35.5	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -65.9	+45 / -54.4	+45 / -45
41.5	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -65.9	+45 / -54.4	+45 / -45
47.5	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -65.9	+45 / -54.4	+45 / -45
53.5	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -65.9	+45 / -54.4	+45 / -45
59.5	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -65.9	+45 / -54.4	+45 / -45
65.5	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -64.6	+45 / -61.1	+45 / -58.1	+45 / -54.4	+45 / -45
72	G, H	+45 / -67.5	+45 / -67.5	+45 / -67.5	+45 / -65.8	+45 / -61.3	+45 / -57.5	+45 / -54.2	+45 / -51.5	+45 / -48	+45 / -45

NOTE:

1. IF SIZE INTENDED IS NOT SHOWN, USE NEXT LARGER SIZE



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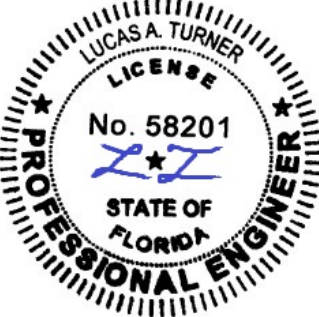
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2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:
**COMPARATIVE ANALYSIS
XO**

DRAWN BY:
MCS

DATE:
8/20/2026

DWG #:
CWS-172

REV.:
H

SCALE:
1:1

**SHEET
3 OF 10**

Design Pressures (PSF) for "XOX" 1/3-1/3-1/3 Configuration									
Unit	Glass	Unit Widths (in.)							
Ht (in.)	Types	35.75	45.5	55.5	65.5	72.5	75.5	85.5	87.875
27.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35.1
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35.1
31.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
35.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
39.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
43.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.6	+35 / -51.2	+35 / -47.4	+35 / -37	+35 / -35
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
47.5	A	+35 / -52.5	+35 / -52.5	+35 / -51.3	+35 / -46.3	+35 / -45.9	+35 / -45.8	+35 / -37	+35 / -35
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
51.5	A	+35 / -52.5	+35 / -52.5	+35 / -48.5	+35 / -41.3	+35 / -40.7	+35 / -40.8	+35 / -37	+35 / -35
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.4	+35 / -47.4	+35 / -37	+35 / -35
55.5	A	+35 / -52.5	+35 / -52.5	+35 / -45.6	+35 / -38	+35 / -36.8	+35 / -36.8	+35 / -37	+35 / -35
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.2	+35 / -47.4	+35 / -37	+35 / -35
61.5	A	+35 / -52.5	+35 / -52.5	+35 / -43.2	+34.1 / -34.1	+31.4 / -31.4	+31.1 / -31.1	+31.5 / -31.5	+31.7 / -31.7
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.7	+35 / -44.1	+35 / -42.8	+35 / -37	+35 / -35
66	A	+35 / -52.5	+35 / -52.5	+35 / -41.5	+31.7 / -31.7	+28.8 / -28.8	+28.4 / -28.4	+28.4 / -28.4	+28.5 / -28.5
	B THRU H	+35 / -52.5	+35 / -52.5	+35 / -50.1	+35 / -43.8	+35 / -40.4	+35 / -39.2	+35 / -35.7	+35 / -35

NOTE:

1. IF SIZE INTENDED IS NOT SHOWN, USE NEXT LARGER SIZE



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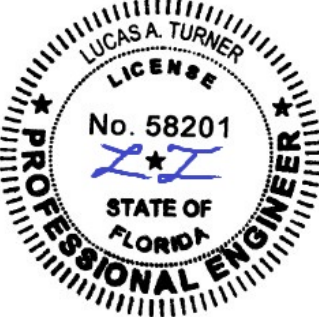
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Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:
COMPARATIVE ANALYSIS
XOX 1/3-1/3-1/3

DRAWN BY:
MCS

DATE:
8/20/2026

DWG #:
CWS-172

REV.:
H

SCALE:
1:1

SHEET
4 OF 10

Design Pressures (PSF) for "XOX" 1/4-1/2-1/4 Configuration										
Unit	Glass	Unit Widths (in.)								
Ht (in.)	Types	35.75	45.5	55.5	65.5	75.5	85.5	99.5	111	120
27.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -48.9	+35 / -40.4	+34.9 / -34.9	+30.8 / -30.8
	B	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35.2
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35.2
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35.2
31.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.3	+35 / -46.8	+35 / -39.9	+35 / -35	+31.4 / -31.4
	B	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
35.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.8	+35 / -42.7	+35 / -37.7	+33.6 / -33.6	+30.8 / -30.8
	B	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
39.5	A	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -48.9	+35 / -43.5	+35 / -39.1	+34.4 / -34.4	+30.9 / -30.9	+28.9 / -28.9
	B	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
43.5	A	+35 / -52.5	+35 / -51.3	+35 / -49.7	+35 / -44.9	+35 / -39.8	+35 / -36	+31.2 / -31.2	+28.3 / -28.3	+26.5 / -26.5
	B	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
47.5	A	+35 / -50.2	+35 / -45.9	+35 / -44.8	+35 / -41.1	+35 / -37.1	+33 / -33	+28.8 / -28.8	+25.9 / -25.9	+24.5 / -24.5
	B	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
51.5	A	+35 / -47.1	+35 / -40.7	+35 / -40.7	+35 / -38.5	+34.5 / -34.5	+30.5 / -30.5	+26.5 / -26.5	+24.1 / -24.1	+22.6 / -22.6
	B	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -48.3	+35 / -40.9	+35 / -35
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -47.8	+35 / -40.9	+35 / -35
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.9	+35 / -40.9	+35 / -35
55.5	A	+35 / -44	+35 / -36.9	+35 / -37	+35 / -35.3	+31.6 / -31.6	+28.4 / -28.4	+24.7 / -24.7	+22.4 / -22.4	+20.8 / -20.8
	B	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.1	+35 / -50	+35 / -45	+35 / -40.9	+35 / -35
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -51.2	+35 / -44.4	+35 / -40.4	+35 / -35
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -49.8	+35 / -40.9	+35 / -35
61.5	A	+35 / -41.5	+31.6 / -31.6	+31.6 / -31.6	+31.2 / -31.2	+28.9 / -28.9	+25.8 / -25.8	+22.6 / -22.6	+20.3 / -20.3	+19.1 / -19.1
	B	+35 / -52.5	+35 / -52.5	+35 / -51.3	+35 / -48.1	+35 / -46.9	+35 / -45	+35 / -41.1	+35 / -38.1	+35 / -35
	E	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -49.8	+35 / -46.1	+35 / -40.7	+35 / -36.6	+34.5 / -34.5
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -49.8	+35 / -46.1	+35 / -42.4	+35 / -40.4	+35 / -35
66	A	+35 / -40	+29.1 / -29.1	+28.5 / -28.5	+28.8 / -28.8	+26.8 / -26.8	+24.4 / -24.4	+20.9 / -20.9	+19.1 / -19.1	+17.7 / -17.7
	B	+35 / -52.5	+35 / -52.5	+35 / -47.5	+35 / -43.4	+35 / -42.5	+35 / -41.6	+35 / -38.2	+35 / -35.8	+33.4 / -33.4
	E	+35 / -52.5	+35 / -52.4	+35 / -51.2	+35 / -50.2	+35 / -45.4	+35 / -41.8	+35 / -37.7	+34.3 / -34.3	+31.9 / -31.9
	C,D,F,G,H	+35 / -52.5	+35 / -52.5	+35 / -52.5	+35 / -50.2	+35 / -45.4	+35 / -41.8	+35 / -38.2	+35 / -36.2	+35 / -35

NOTE:

1. IF SIZE INTENDED IS NOT SHOWN, USE NEXT LARGER SIZE



1900 SW 44TH AVE.
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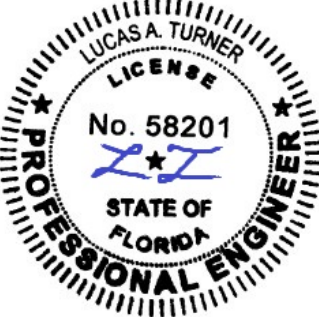
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9/21/2026

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FL PE # 58201
Turner Engineering &
Consulting, Inc.
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

**COMPARATIVE ANALYSIS
XOX 1/4-1/2-1/4**

DRAWN BY:
MCS

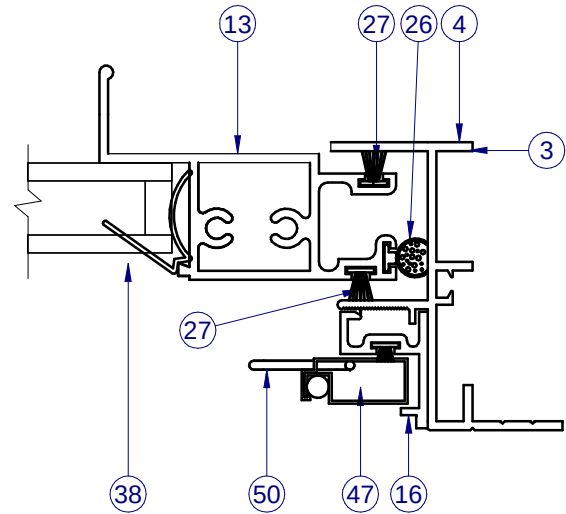
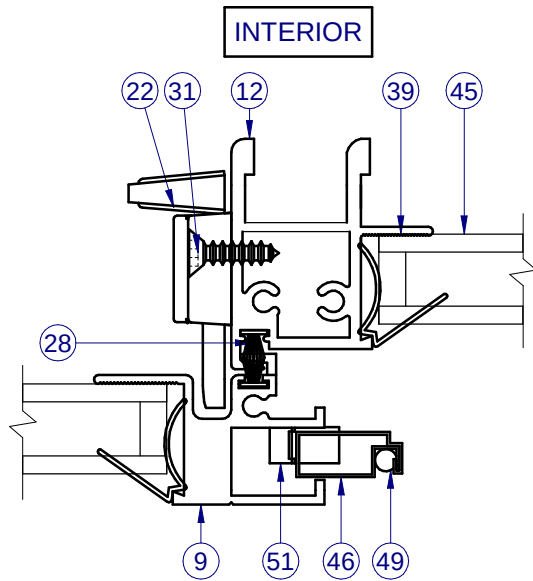
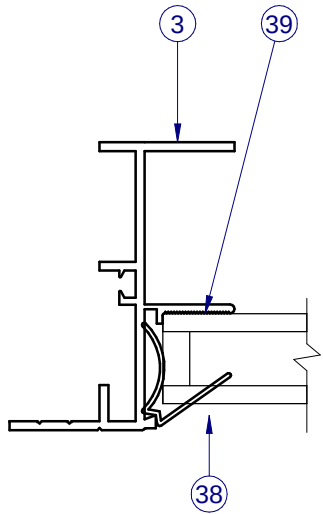
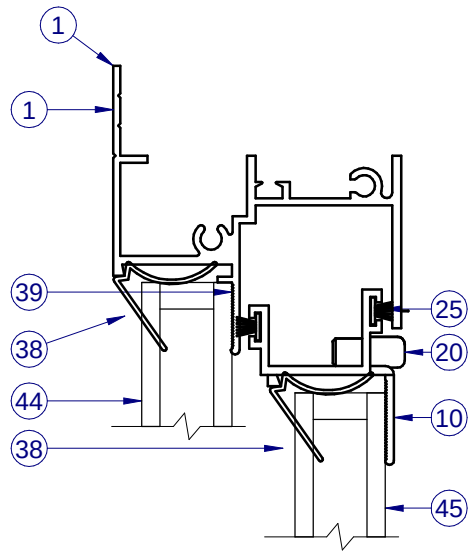
DATE:
8/20/2026

DWG #:
CWS-172

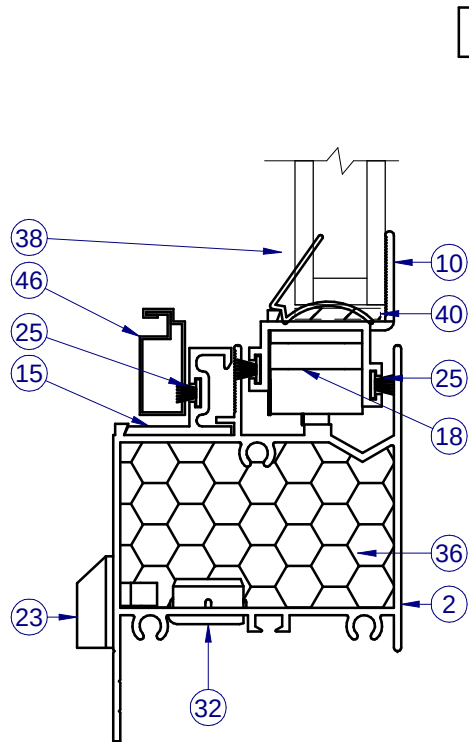
REV.:
H

SCALE:
1:1

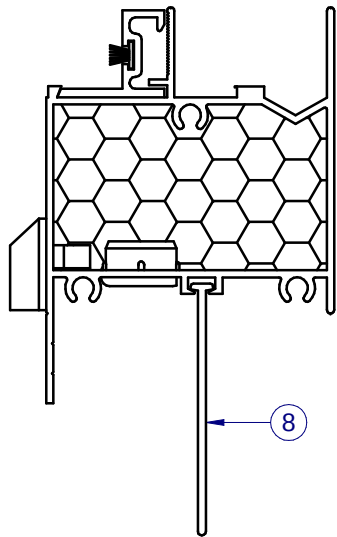
**SHEET
5 OF 10**



SECTION VIEW B-B

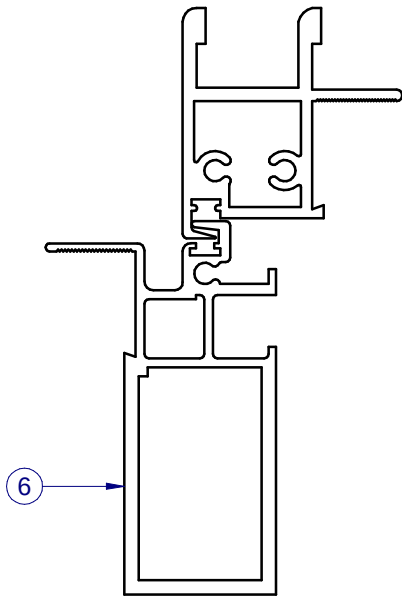


SECTION VIEW A-A



SECTION VIEW C-C
ALT. FIN FRAME

NOTE: SLIP ON NAILING FIN USED
TO CREATE FIN SILL.



ALTERNATE HD FIXED RAIL

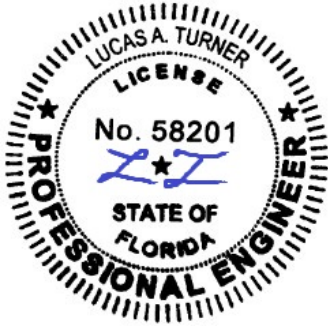
ITEMS USED BUT NOT SHOWN FOR CLARITY:
5, 7, 14, 17, 19, 21, 29, 30, 33-35, 37, 41-43, 48

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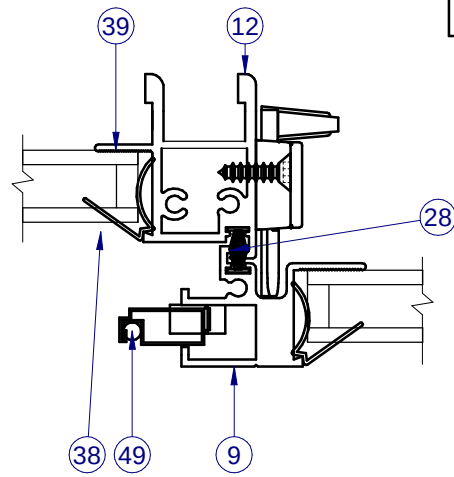
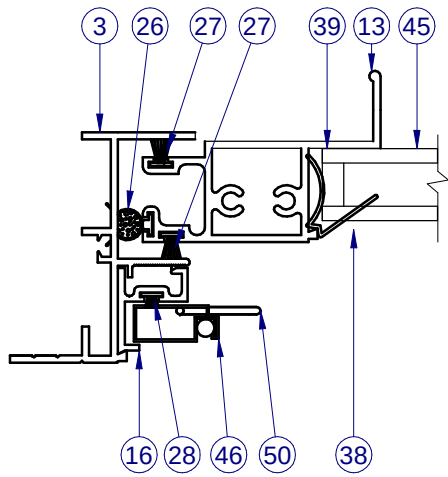


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2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

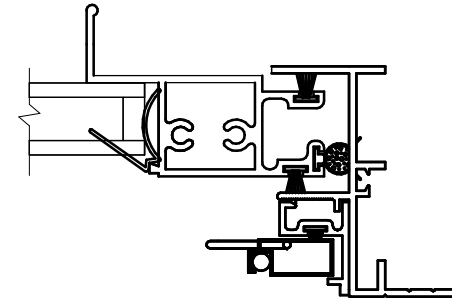
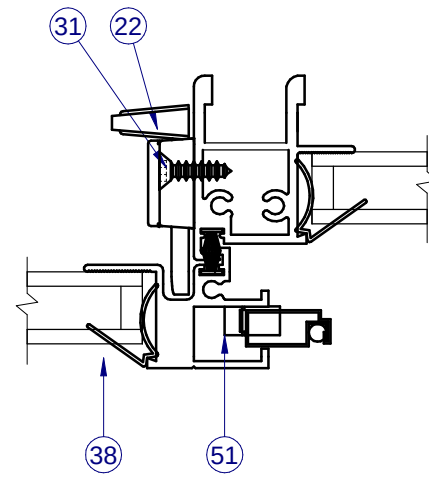
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**SECTION VIEWS
OX**

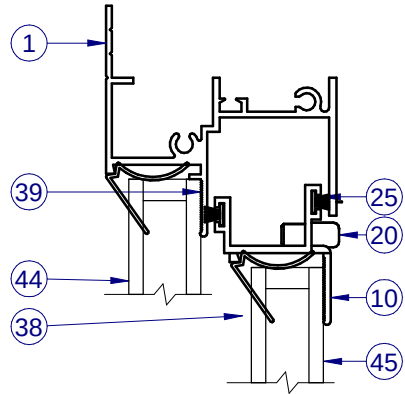
DRAWN BY:	DATE:
MCS	8/20/2026
DWG #:	REV.:
CWS-172	H
SCALE:	SHEET
1:1	6 OF 10



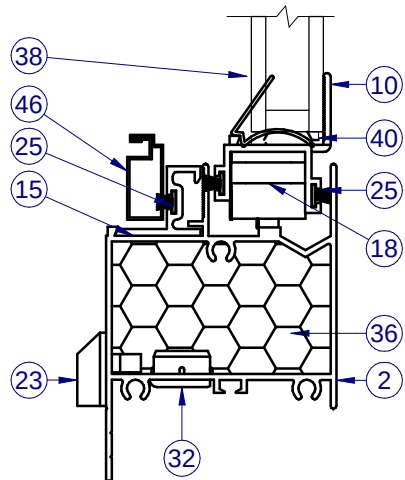
INTERIOR



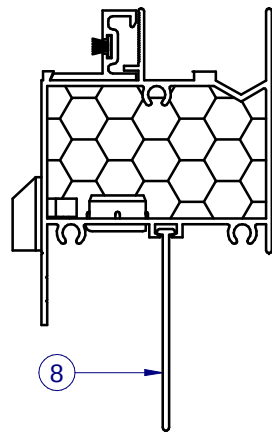
SECTION VIEW E-E



INTERIOR

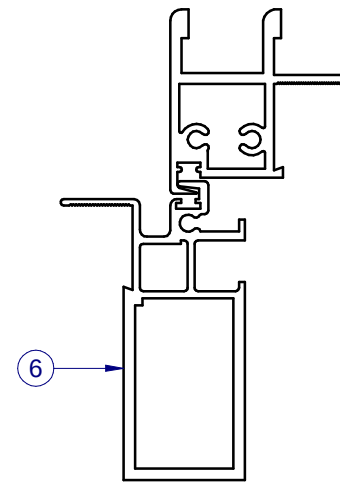


SECTION VIEW D-D



SECTION VIEW F-F
ALT. FIN FRAME

NOTE: SLIP ON NAILING FIN USED
TO CREATE FIN SILL.



ALTERNATE HD FIXED RAIL

ITEMS USED BUT NOT SHOWN FOR CLARITY:
5, 7, 14, 17, 19, 21, 29, 30, 33-35, 37, 41-43, 48



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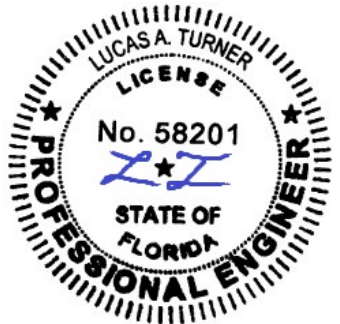
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FL PE # 58201
Turner Engineering &
Consulting, Inc.
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

SECTION VIEWS
XOX

DRAWN BY:

MCS

DATE:

8/20/2026

DWG #:

CWS-172

REV.:

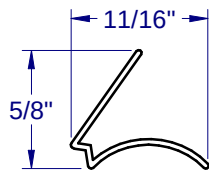
H

SCALE:

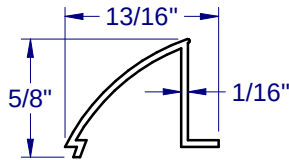
1:2

SHEET
7 OF 10

PARTS LIST			
ITEM	PART #	DESCRIPTION	MATERIAL
1	S-1077	Fr. Head, Flg.	Alum
2	H-1140	Fr. Sill	Alum
3	S-1043	Fr. Jamb, L. Jb.	Alum
5	S-1500	Fr. Jamb, Fin., Head	Alum
6	H-1569	HD Fixed Mtg Rail	Alum
7	S-1052	Fr. Jamb Fin	Alum
8	S-1123	Nailing Fin	Alum
9	S-1563	Fxd. Mtg. Rail	Alum
10	S-1073	Sash Top Rail	Alum
12	H-1138	Sash Meet. Rail	Alum
13	H-1181	Sash Bot./Pull Rail	Alum
14	S-1197	Install Clip	Alum
15	S-1074	Scrn. Adapt., w/o leg, Horiz.	Alum
16	S-1642	Screen Adapter/Jamb	Alum
17	S-1465	Install Clip	Alum
18	P-3804	Roller Assm., Tandem	Nylon
19	P-3042	Sash End Cap	Nylon
20	P-3044	Anti-Lift Stop	Nylon
21	P-3043	Sash Stop	Rubber
22	P-4707	SWEEP LOCK, AMBIDEXTROUS	Plastic
23	P-3100	Weep Cover, open	Nylon
25	P-3309	Wstp., 0.210 x .187 back FinSeal, Black, SoftTouch	
26	P-3011	Wstp., 0.350 x .187 back, foam filled bulb w/wands	
27	P-3305	Wstp., 0.270 x .187 back FinSeal, Black, SoftTouch	
28	P-3304	Wstp., .180 x .187 Back, Fin, UltraFin	
29	P-4144	#8 x 1.000 w/ 1/4 lead Quad Type A SMS	Steel
30	P-3635	#8 x 0.750 Quad PH Type A SMS	Steel
31	P-3515	#8 x 0.625 Ph FH Type A SMS	Steel
32	P-3034	Plug, at FMR	Nylon
33		Seam Sealer, SM-5504	Silicone
34	P-3257	Gasket, Hd. & Sill at Jb.	Closed Cell
35	P-3048	Gasket, Sill,	Closed Cell
36	P-3397	Open Cell Foam Pad	Open Cell
37	P-3003	Shipping Clip	Nylon
38	P-3020	INSULATED GLAZING BEAD	PVC
39		SikaFlex 552, Purfect Glaze "H"	
40	P-3352	Set. Blk., 85 Dur., 1/8" x 5/8" x 2" Lg.	Rubber
44	GLASS	SEE SHEET 2	
46	P-3218	Screen Frame	RollForm
47	P-4754	SCREEN CORNER KEY (Rollform Screen 1" Offset "safety")	RollForm
48	P-4769	26"- BetterVue Insect Screen, 18x16	
49	P-5576	Screen Spline, .125" Black PE Ribbed	
50	P-4755	SCREEN CORNER KEY (Rollform Scrn 1" Offset "w/ safety tab")	
51	P-3195	SPRING, NO HOLE TENSION	
52	P-3431	GLAZING BEAD, SINGLE GLAZED	



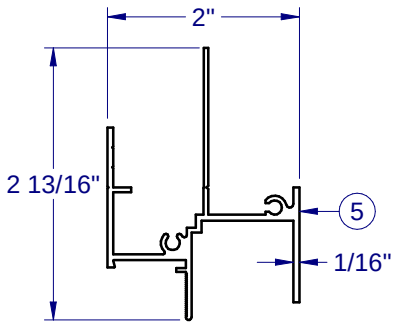
INSULATED GLAZING BEAD P-3020



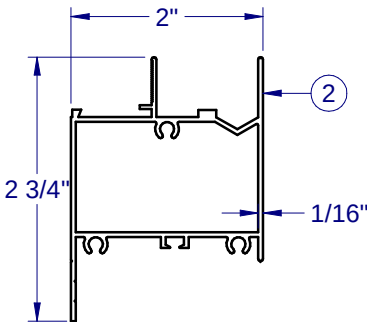
MONOLITHIC GLAZING BEAD P-3431

LINE ITEMS NOTE USED:
24, 45

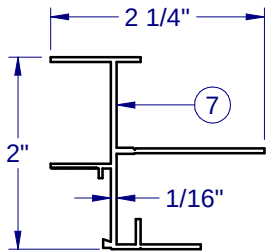
NOTE: ALL ALUMINUM EXTRUSION ARE 6063-T6 UNLESS OTHERWISE NOTED.



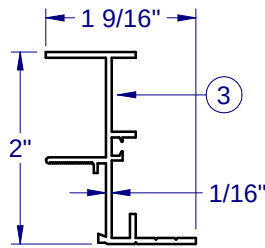
FIN HEAD S-1500



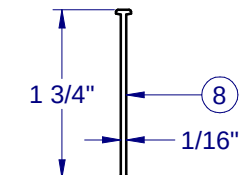
SILL H-1140



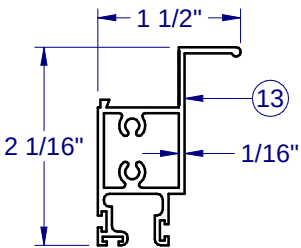
FIN JAMB S-1052



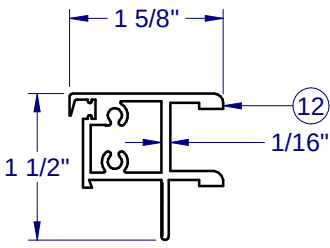
FLANGE JAMB S-1043



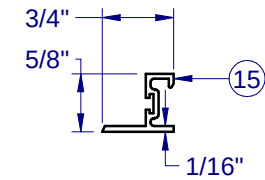
NAILING FIN S-1123



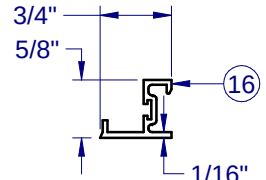
LIFT RAIL H-1181



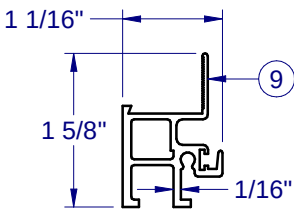
PULL RAIL H-1138



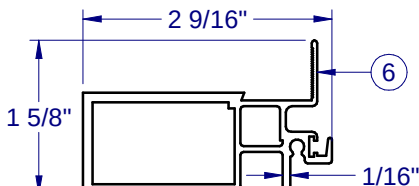
SCREEN CATCH S-1074



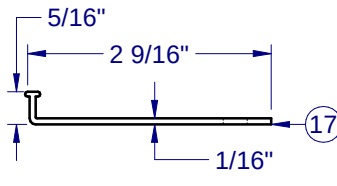
SCREEN CATCH S-1642



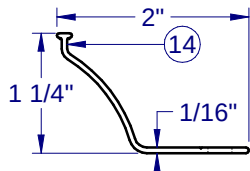
FIXED RAIL H-1563



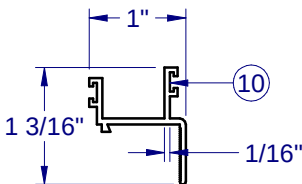
HD FIXED RAIL H-1569



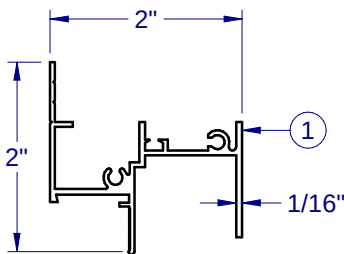
ANCHOR CLIP - 1465



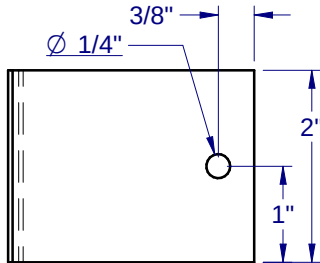
ANCHOR CLIP - 1197



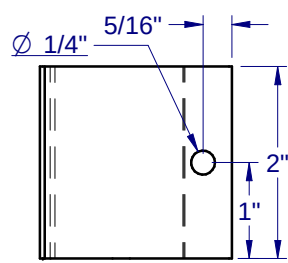
SASH TOP/BOT RAIL S-1073



FLANGE HEAD S-1077

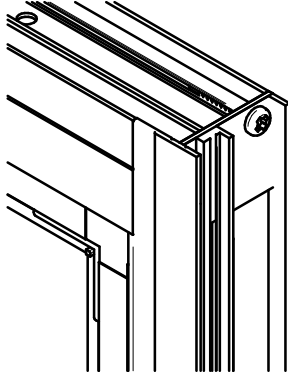


PLAN VIEW

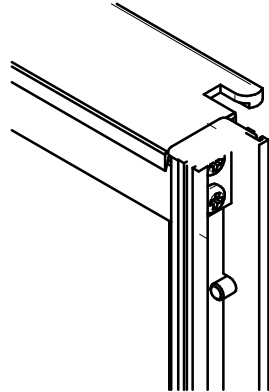


PLAN VIEW

FRAME CORNER CONSTRUCTION



SASH CORNER CONSTRUCTION



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FLORIDA APPROVAL NO.:

7013



9/21/2026

LUCAS A. TURNER, P.E.
FL PE # 58201
Turner Engineering &
Consulting, Inc.
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

BOM AND EXTRUSIONS

DRAWN BY:

MCS

DATE:

8/20/2026

DWG #:

CWS-172

REV.:

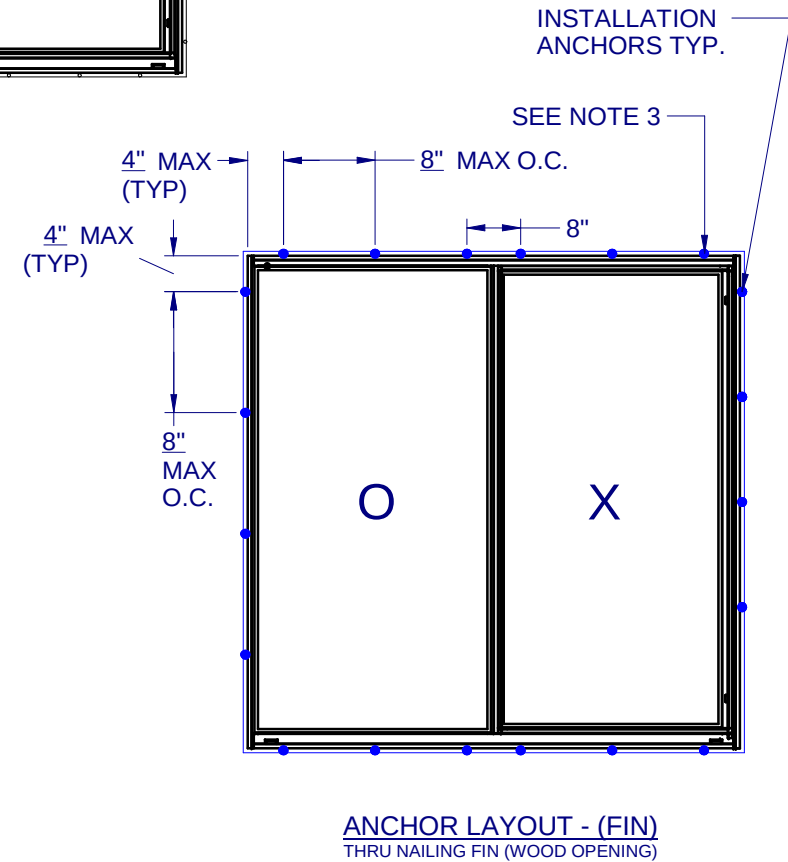
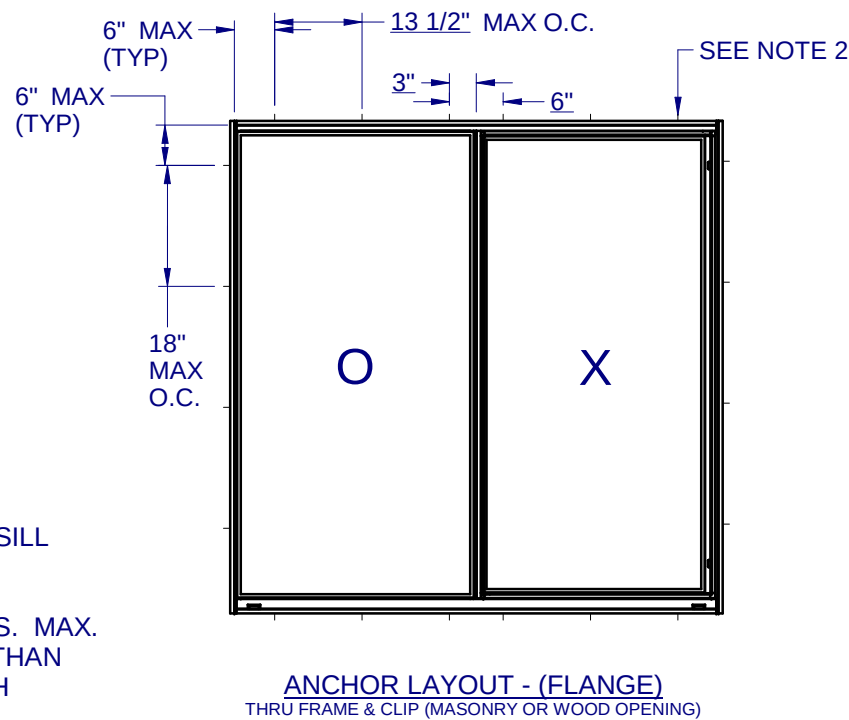
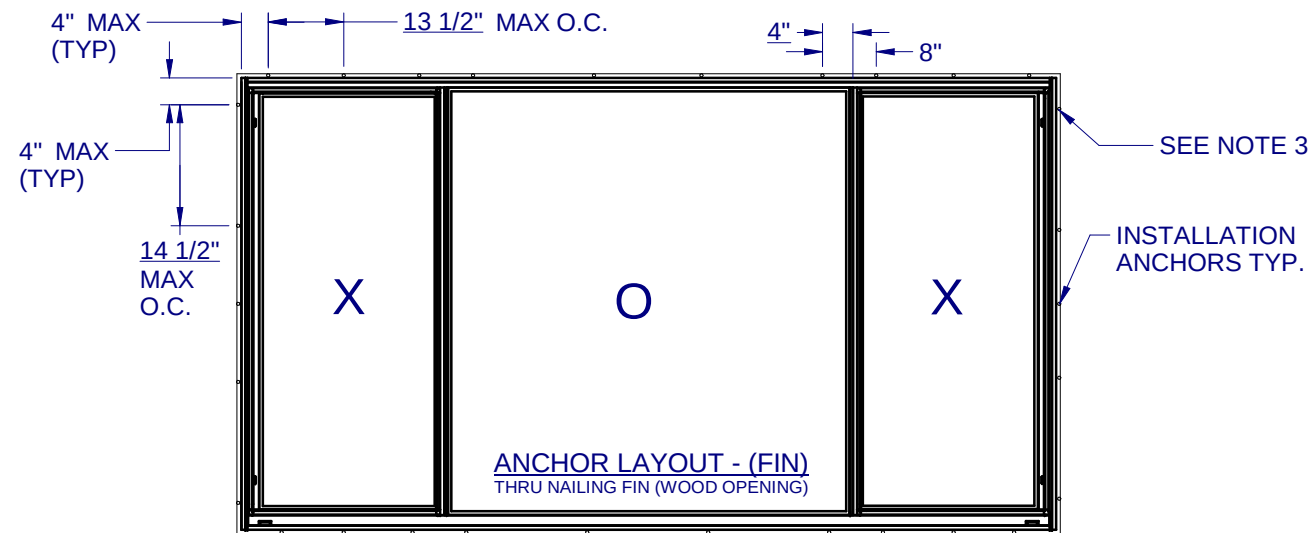
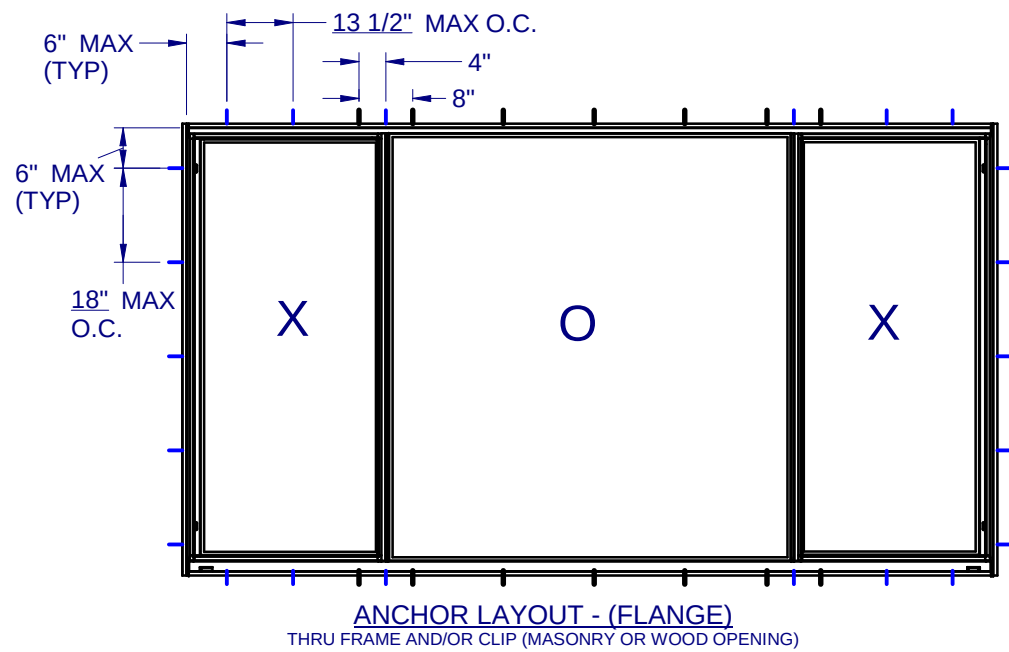
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SCALE:

1:2

SHEET

8 OF 10



NOTES:

1. INSTALL ONE ANCHOR AT EACH LOCATION THRU WINDOW FRAME OR FIN. SILL ANCHOR SPACING SAME AS HEAD.
2. SHIM AS REQ AT EACH INSTALLATION ANCHOR 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 AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 10.
4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS 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 10.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE. INSTALLATIONS TO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQUIRE 1X WOOD BUCKS BETWEEN THE PRODUCT AND THE SUBSTRATE. INSTALLATIONS TO HOLLOWCMU REQUIRE THE USE OF 1X BUCKS BETWEEN THE PRODUCT AND SUBSTRATE.
7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 3-9/16" FOR MASONRY, 1" FOR WOOD AND METAL.
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 TABLE1, SHEET 10. CONCRETE AND MASONRY SUBSTRATES MAY 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)

ASW01

**7000 ALUM.
HORZ. SLIDER
NON-IMPACT**

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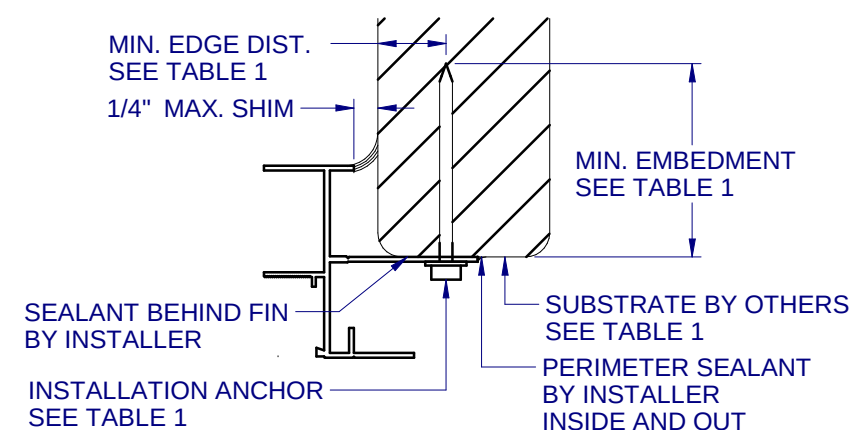
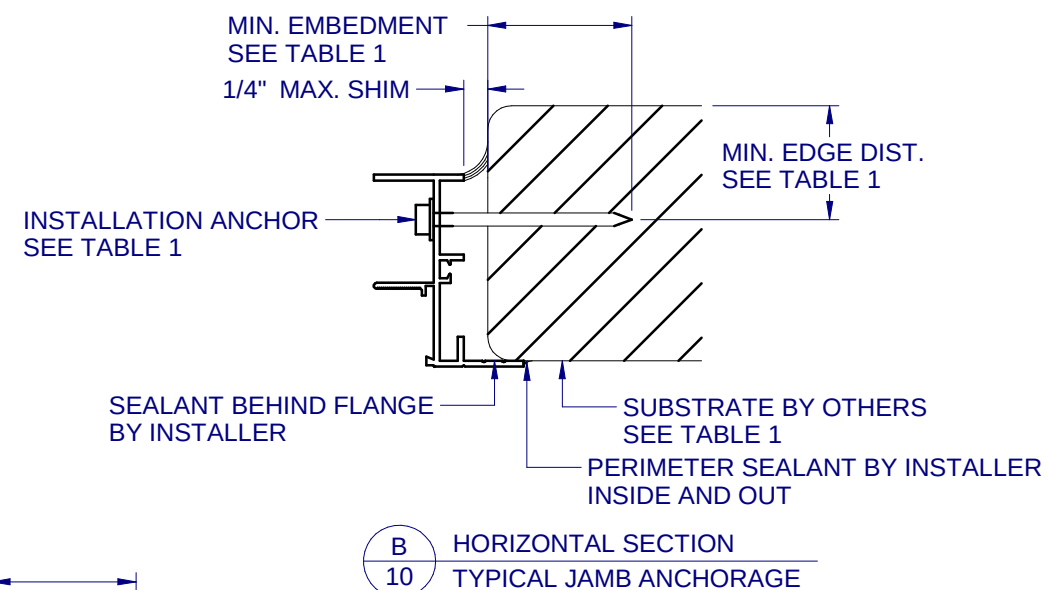
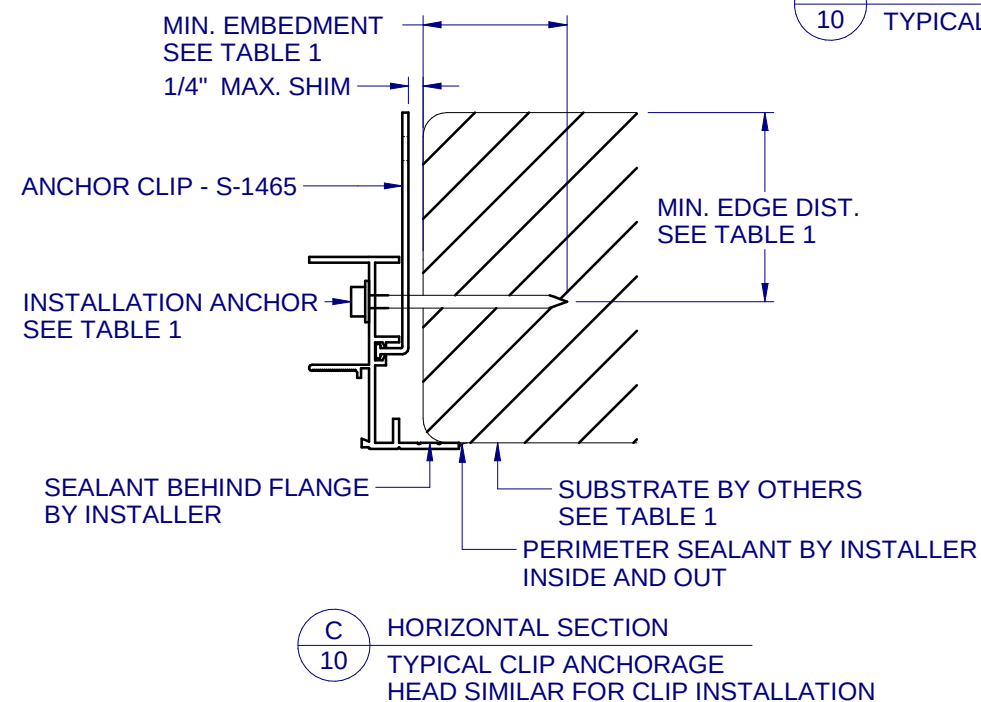
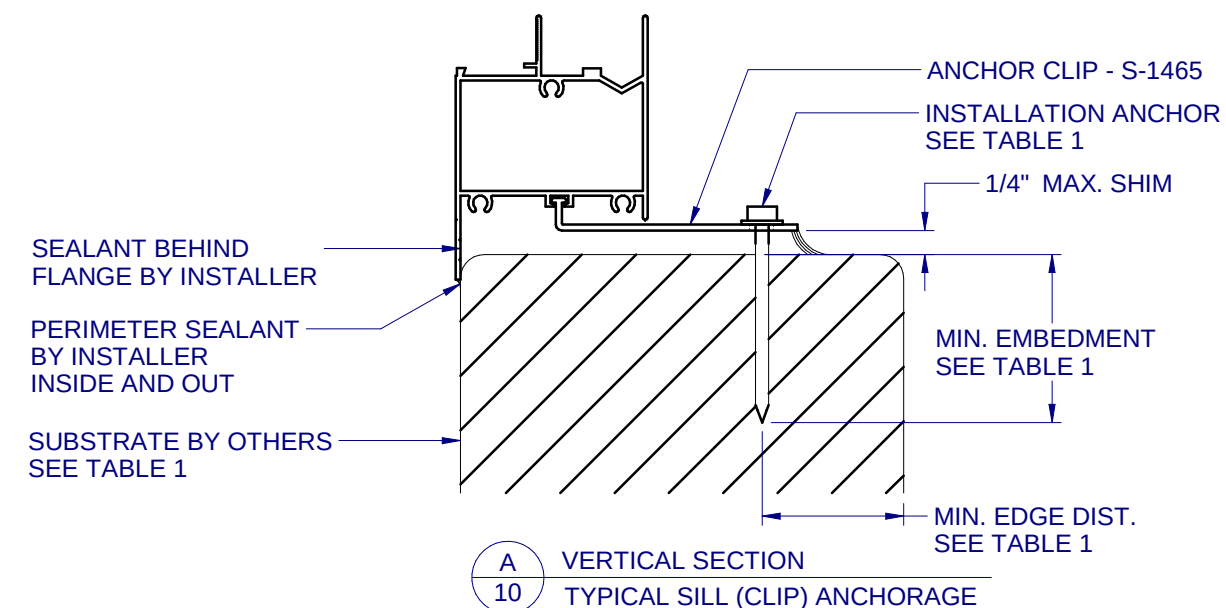
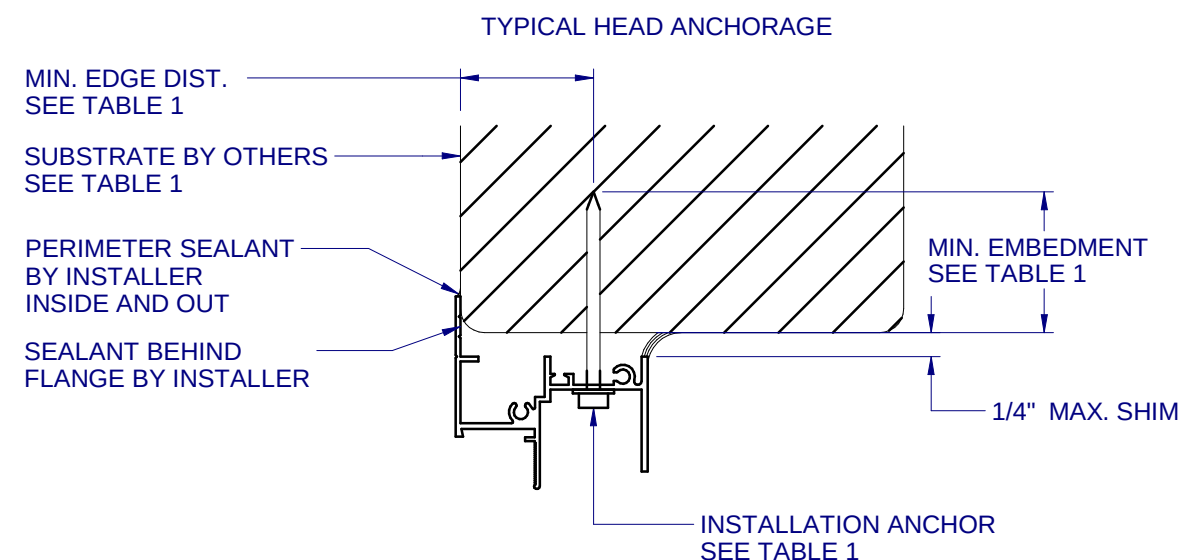


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SHEET DESCRIPTION:
**ANCHOR SCHEDULE AND
NOTES**

DRAWN BY:	DATE:
MCS	8/20/2026
DWG #:	REV.:
CWS-172	H
SCALE:	SHEET
1:28	9 OF 10



FOR INSTALLATIONS WITHIN 3,000 FEET OF A SALTWATER COASTLINE, ANCHORAGE MUST BE REVIEWED FOR COMPLIANCE WITH FBC SECTION 1711 OR SECTION R332 OF THE FLORIDA RESIDENTIAL CODE. REFER TO THE CORRESPONDING EVALUATION REPORT OF THIS APPROVAL FOR ADDITIONAL INFORMATION.

NOTE:
WHEN INSTALLING FLANGE UNITS WITH ANCHOR CLIPS AS SHOWN ON THIS SHEET, DESIGN PRESSURE IS LIMITED TO +/-30 PSF.

TABLE 1: APPROVED INSTALLATION FASTENERS				
FRAME TYPE	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST.
FLANGE	CONCRETE (2.0 KSI MIN.)	3/16" ITW TAPCON	1-1/2"	1-1/8"
FLANGE	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
FLANGE	CONCRETE (3.05 KSI MIN.)	3/16" DEWALT ULTRACON+	1-3/4"	1"
FLANGE	HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	3/16" DEWALT ULTRACON+	1-3/4"	2-1/2"
FLANGE	2x MIN. SOUTHERN PINE (G=0.55 MIN.)	3/16" ITW TAPCON OR DEWALT ULTRACON+	1-3/8"	7/8"
FLANGE	2x MIN. SOUTHERN PINE (G=0.55 MIN.)	#10 WOOD SCREW	1-3/8"	7/8"
FLANGE	16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN.)	#10-16 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING	FULL THREAD THRU 0.060"	1/2"
FLANGE	1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.)	#10 GRADE 5 SELF-TAPPING / DRILLING SCREW	FULL THREAD THRU 0.125"	1/2"
FIN	2x MIN. SOUTHERN PINE (G=0.55 MIN.)	#8 WOOD SCREW	1-1/2"	7/16"

1900 SW 44TH AVE.
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INSTALLATION DETAILS

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SCALE:	SHEET
1:2	10 OF 10