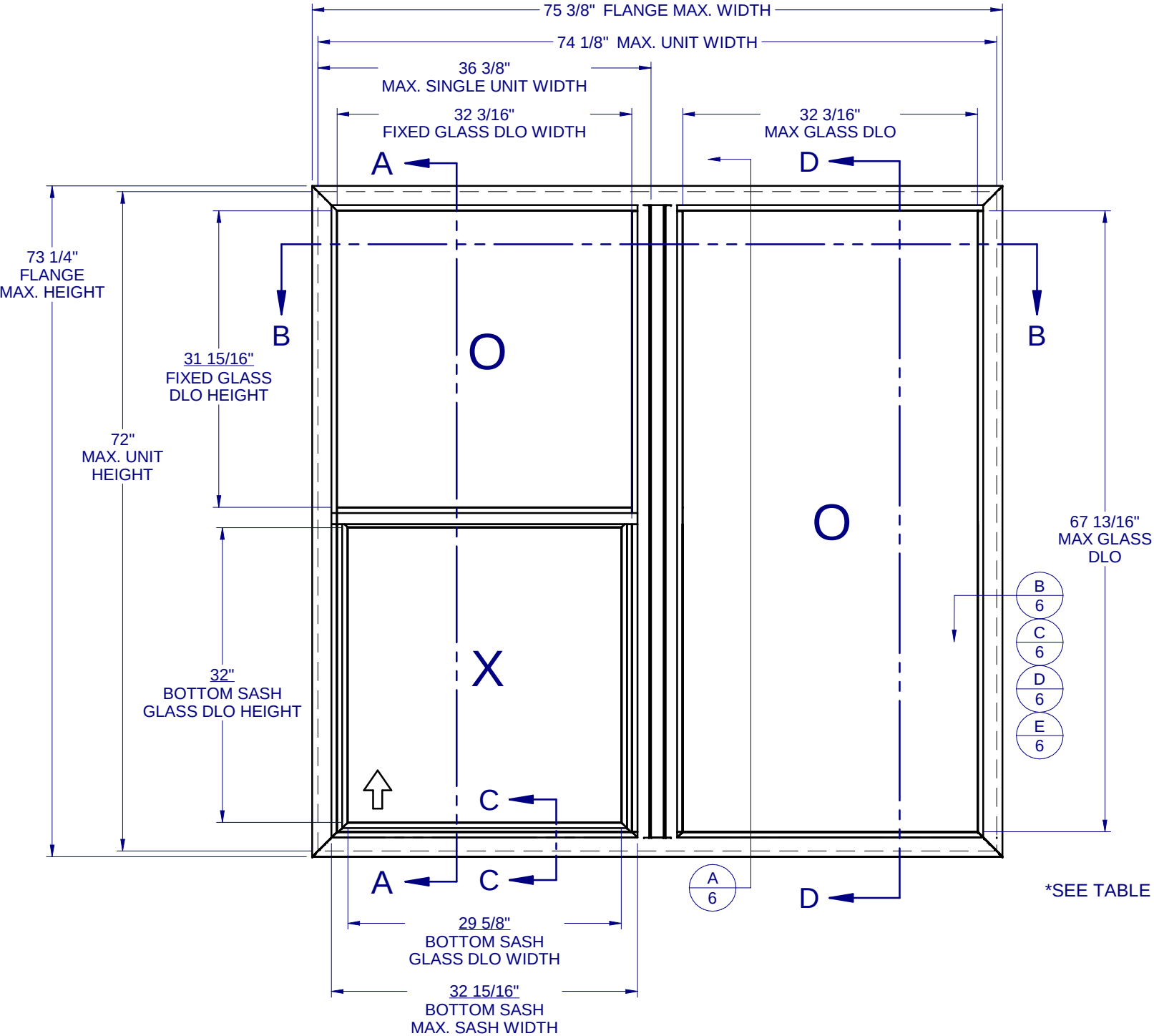


SINGLE HUNG - NON-IMPACT



*SEE TABLE BELOW FOR MAX. SIZES

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" - "O"
4. DESIGN PRESSURE RATING (SEE SHEET 2):
 - 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 6 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
6. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
7. ALL FRAMES AND VENTS FULLY WELDED. SMALL JOINT SEAM SEALANT USED AT FIXED MEETING RAIL , INTERNAL MULL ENDS AND JAMBS.
8. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:
X = OPERABLE SASH, O = FIXED SASH
9. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
10. EXTERNAL WEEP SLOT = 1/4" x 1" LOCATED 4" FROM BOTH ENDS.

Lucas Turner
2026.09.21
16:04:46
-05'00'

TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS.....1
GLAZING DETAIL.....2
SECTION VIEWS.....3
BOM & EXTRUSIONS.....4
ANCHOR SCHEDULE & NOTES.....5
INSTALLATION DETAILS.....6

MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
74-1/8" x 72"	SEE COMPARATIVE ANALYSIS CHART, SHEET 2	NONE



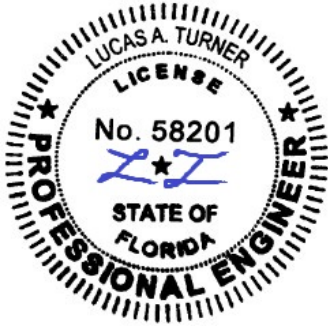
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VSH05/VSH08

8100/8150 PVC
SINGLE HUNG/
PICTURE WINDOW
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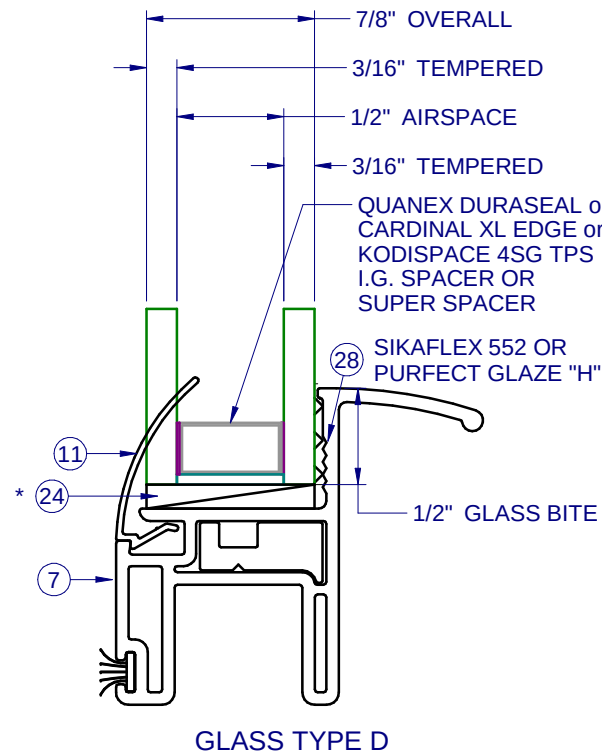
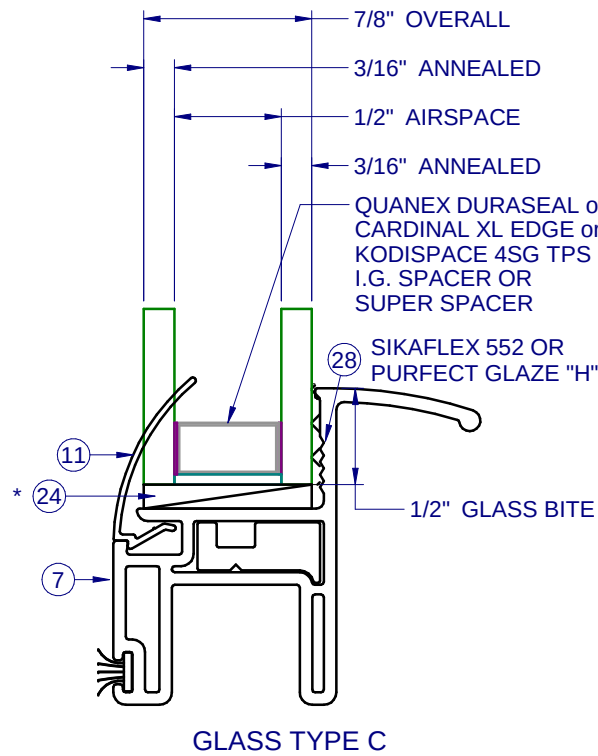
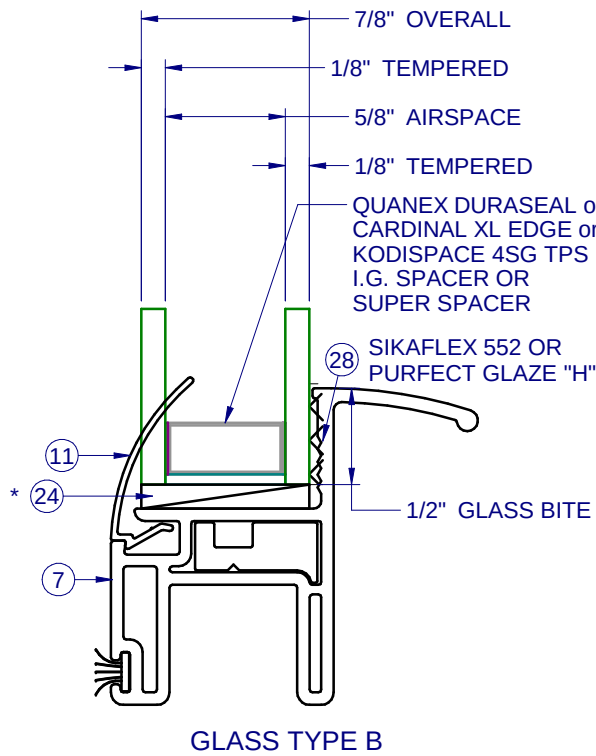
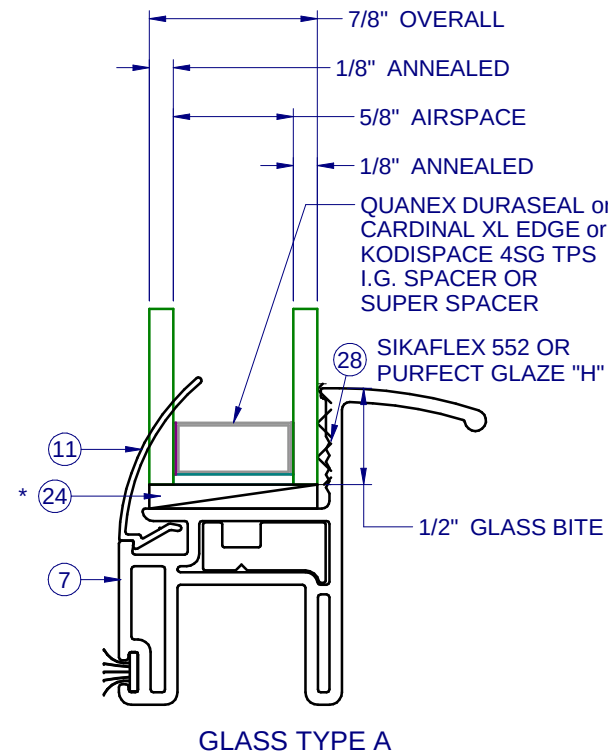
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GENERAL NOTES AND
ELEVATIONS

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DWG #:	REV.:
CWS-1270	A
SCALE:	SHEET
1:15	1 OF 6

DESIGN PRESSURES (PSF) WITH GLASS TYPES A, B, C, AND D												
Unit		Unit Height										
Width	Glass	29.50	31.50	35.50	39.50	41.50	43.50	47.50	53.50	55.50	59.50	72.00
45.0	A	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -95.7	+67.5 / -84.5	+67.5 / -71.4	+67.5 / -101.3		
	B,C,D	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -92.3
55.0	A	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -100.6	+67.5 / -93.6	+67.5 / -84.5	+67.5 / -71.4	+67.5 / -68		
	B,C,D	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -82
60.0	A	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -98.3	+67.5 / -92.6	+67.5 / -83.5	+67.5 / -71.1	+67.5 / -68.3		
	B,C,D	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -101.3	+67.5 / -99.8	+67.5 / -77.9
64.375	A	+67.5 / -90.1	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -81.8	+67.5 / -71.1	+67.5 / -68		
	B,C,D	+67.5 / -90.1	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	+67.5 / -89.5	±67.5
74.125	A	+67.5 / -70.4	+67.5 / -69.1	±67.5	±67.5	±67.5	±67.5	±67.5				
	B,C,D	+67.5 / -70.4	+67.5 / -69.1	±67.5	±67.5	±67.5	±67.5	±67.5	±67.5	±67.5	±67.5	±67.5

- NOTES:
1. IF SIZE INTENDED IS NOT SHOWN, USE NEXT LARGER SIZE.
2. SHADED SIZES ARE NOT ALLOWED FOR THAT GLASS TYPE.
3. SASH SHOWN, SH / PW FRAME SIMILAR



- NOTES:
-GLASS TYPES B AND D ARE TEMPERED AND 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.
* SETTING BLOCKS PER FBC 2411.3.3.1



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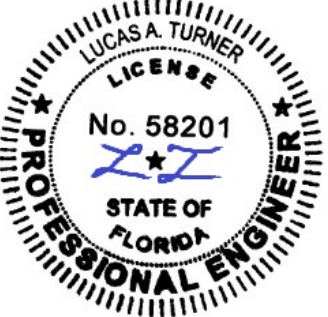
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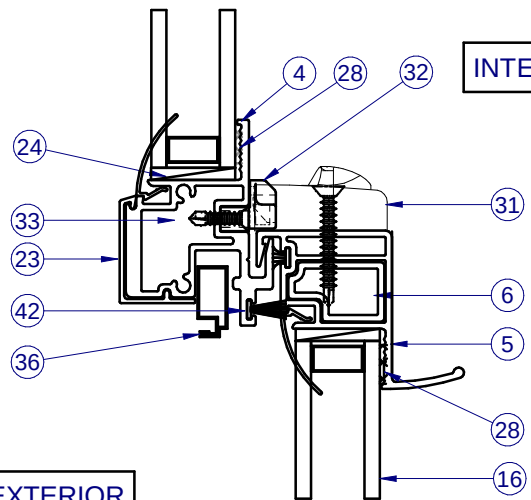
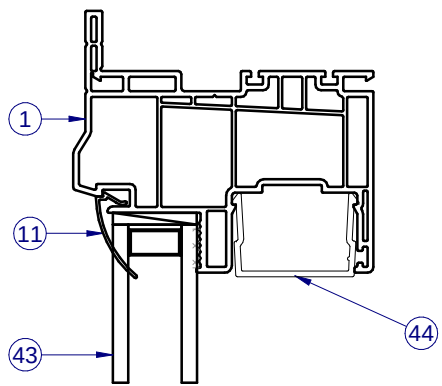
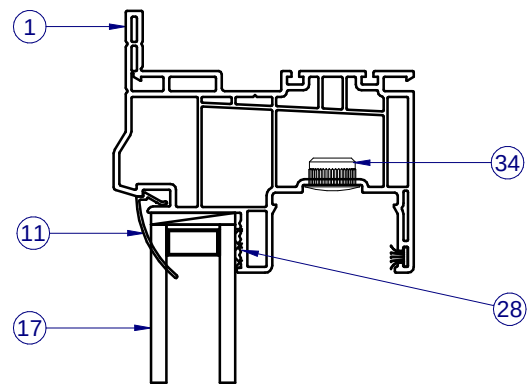
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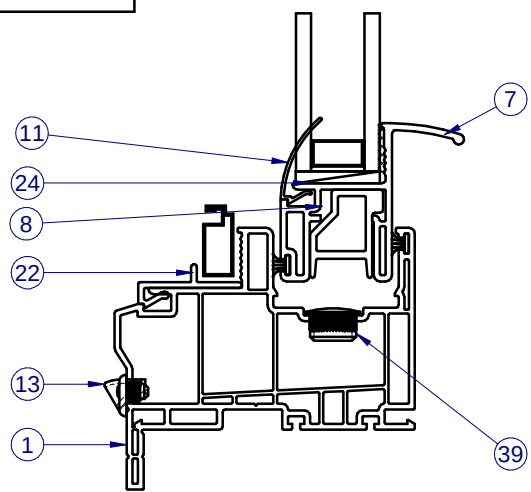
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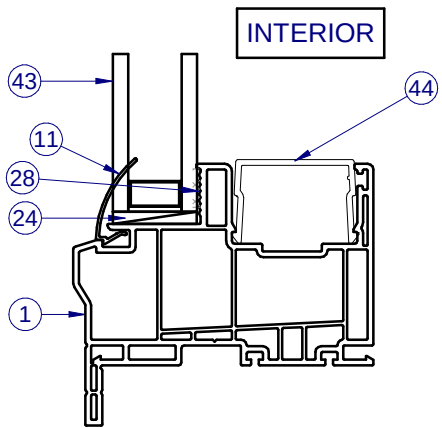
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MCS	9/8/2026
DWG #:	REV.:
CWS-1270	A
SCALE:	SHEET
1:1	2 OF 6



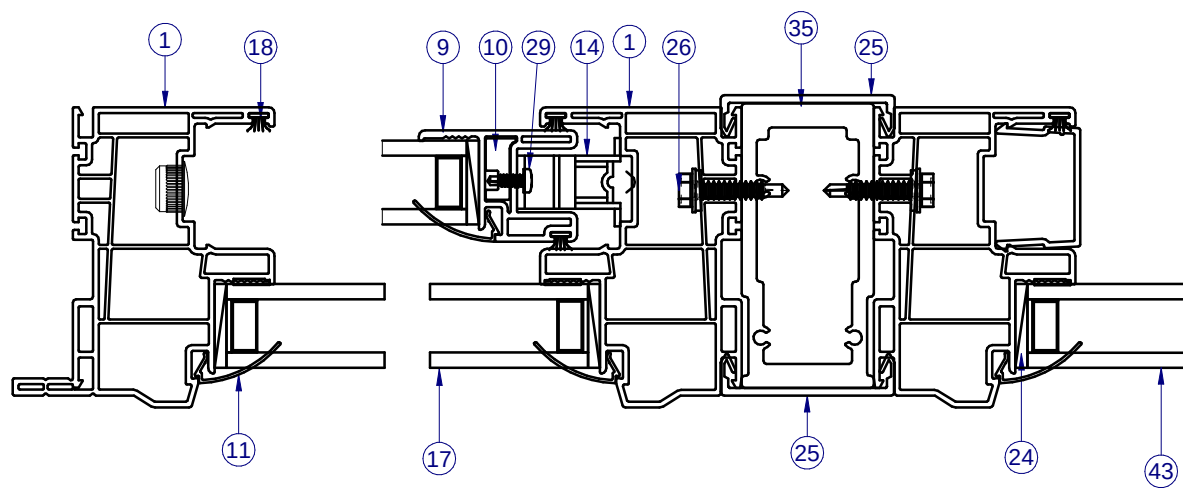
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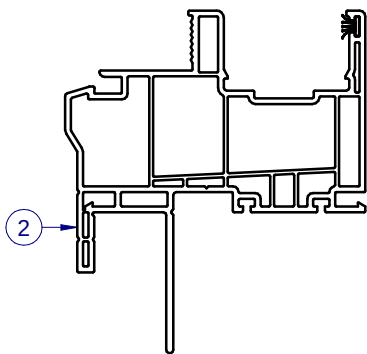
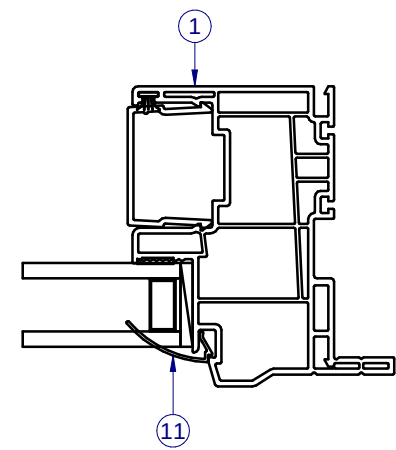
SECTION VIEW A-A



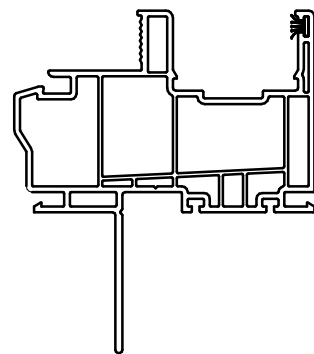
SECTION VIEW D-D



SECTION VIEW B-B



SECTION VIEW C-C
ALTERNATE FRAME
FLANGE WITH FIN



SECTION VIEW C-C
ALTERNATE FIN ONLY FRAME

ITEMS NOT SHOWN FOR CLARITY:
12, 15, 19, 20, 27, 30, 37, 38, 39, 40, 41



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SHEET DESCRIPTION:

SECTION VIEWS

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DATE:

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DWG #:

CWS-1270

REV.:

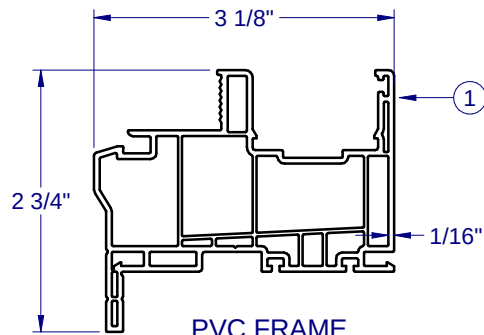
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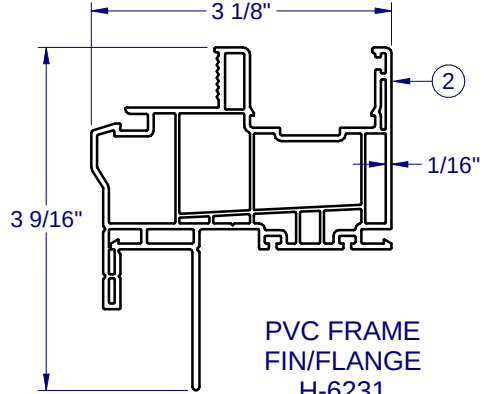
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SHEET
3 OF 6

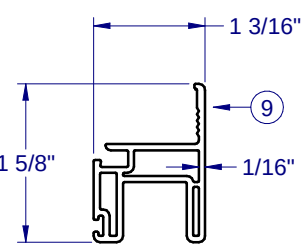
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ITEM	PART #	DESCRIPTION	MATERIAL
1	H-6222	Main Frame, Flg,	Vinyl
2	H-6231	Frame, Fin	Vinyl
3	S-5087	SASH STOP	Vinyl
4	H-2121	Alum. Fixed Meet. Rail	Alum
5	H-6224	Sash Top Rail	Vinyl
6	H-2124	Reinforcement for STR	Alum
7	H-6223	Sash Bottom Rail	Vinyl
8	H-2123	Reinforcement for SBR	Alum
9	H-6225	Sash Side Rail	Vinyl
10	S-2129	Reinforcement for SSR	Alum
11	S-6237	Glazing Bead	Vinyl
12	P-4056	SASH CAM FOR PVC WINDOW	Plastic
13	P-4479	Weep Housing & Flap Assm.	Plastic
14		Sash Balance	Steel
15	P-3295	Take Out Clip	Steel
16	Sash	SEE SHEET 2	GLASS
17	Fixed	SEE SHEET 2	GLASS
18	P-3305	Wstp., 0.270 x 0.187 High Density	Nylon
19	P-4638	#8 x 2-1/2 PH Mod. Truss, Type A, TEK 2	Steel
20		#10 x 1 1/2" Panhead SMS	Steel
21	S-6227	Screen Support	Vinyl
22	S-6226	Screen Catch	Vinyl
23	S-6228	Fixed Rail Cover	Vinyl
24	P-5612	Setting Block, .12 x 1 x 2	Rubber
25	S-6018	Mullbar Cover	Vinyl
26	P-3767	#10 x 1 Hex Head Tek	Steel
27	P-3342	Seam Sealer, SM-5504	
28		SikaFlex 552 or Purfect Glaze "H"	
29	P-3541	#8 x 1/2 Quadrex PH TEK	Steel
30	P-4051	#8 x 1 1/4" PH Flat Tek	Steel
31	P-3783	Lock	Steel
32	P-4069	Keeper	Steel
33	P-3539	#8 x 3/4" Phillips Square SMS	Steel
34	P-5588	Hole Plug	Plastic
35	H-2127	Internal Mullbar	Alum
36	P-3218	Screen frame	Alum
37	P-4754	SCREEN CORNER KEY (Rollform Screen 1" Offset "safety")	Plastic
38	P-5576	Screen Spline, .125" Black PE Rib	Rubber
39	P-3195	Screen Spring	Steel
40	P-4755	SCREEN CORNER KEY (Rollform Scrn 1" Offset "w/ safety tab")	Alum
41	P-4770	30" BetterVue Insect Screen, 18 x 16	Fiberglass
42	P-4959	Wstp., 0.420 x 0.187 back	Nylon
43	Picture Window	SEE SHEET 2	GLASS
44	S-6025	Sash Stop / Filler	PVC



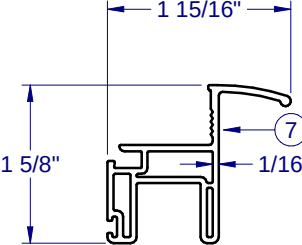
PVC FRAME
FLANGE
H-6222



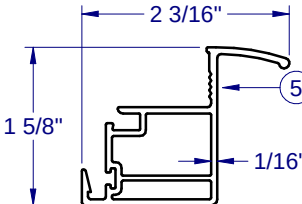
PVC FRAME
FIN/FLANGE
H-6231



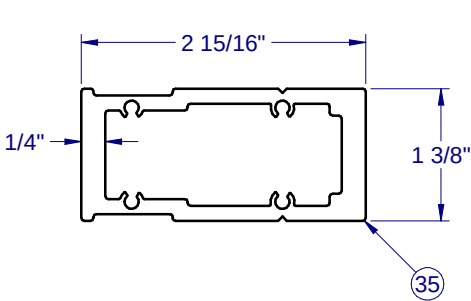
PVC SASH
RAIL/STILE
H-6225



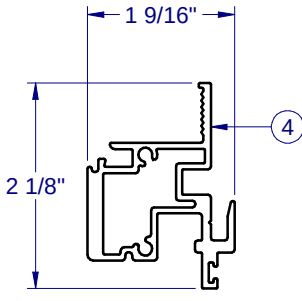
PVC SASH PULL
RAIL/STILE H-6223



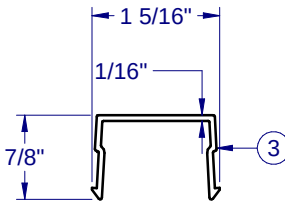
PVC SASH MTG
RAIL
H-6224



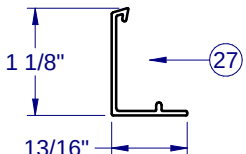
INTERNAL MULL BAR
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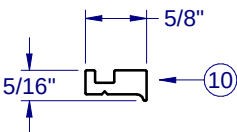
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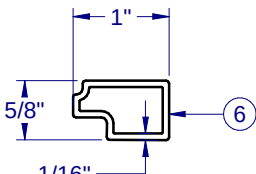
PVC SASH
STOP
S-5087



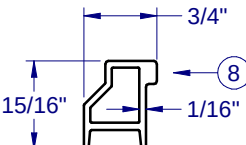
PVC MTG RAIL
COVER
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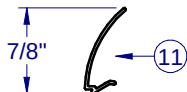
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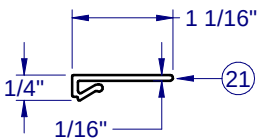
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RAIL
H-2124



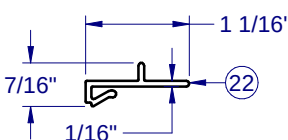
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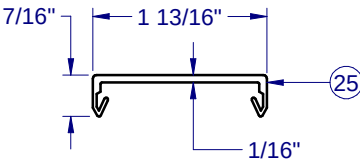
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BEAD
S-6237



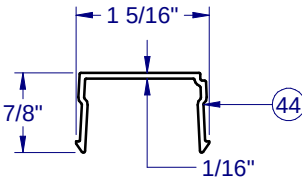
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SUPPORT
S-6227



PVC SCREEN
CATCH
S-6226



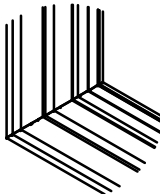
PVC MULLBAR COVER
S-6018



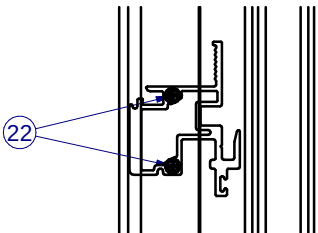
PVC SASH STOP
S-6025

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

FRAME CORNER
CONSTRUCTION



CORNER WELD
(ALL SIDES)
1:8



FIXED MEETING RAIL
SCREWED TOGETHER WITH
OUTERFRAME
1:8



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SHEET DESCRIPTION:

BOM AND EXTRUSIONS

DRAWN BY:

MCS

DATE:

9/8/2026

DWG #:

CWS-1270

REV.:

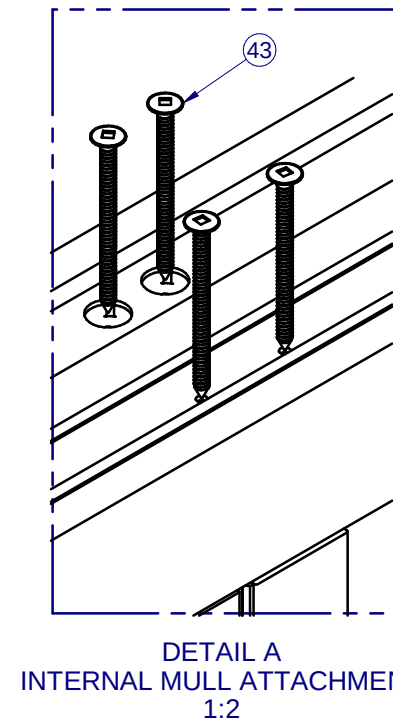
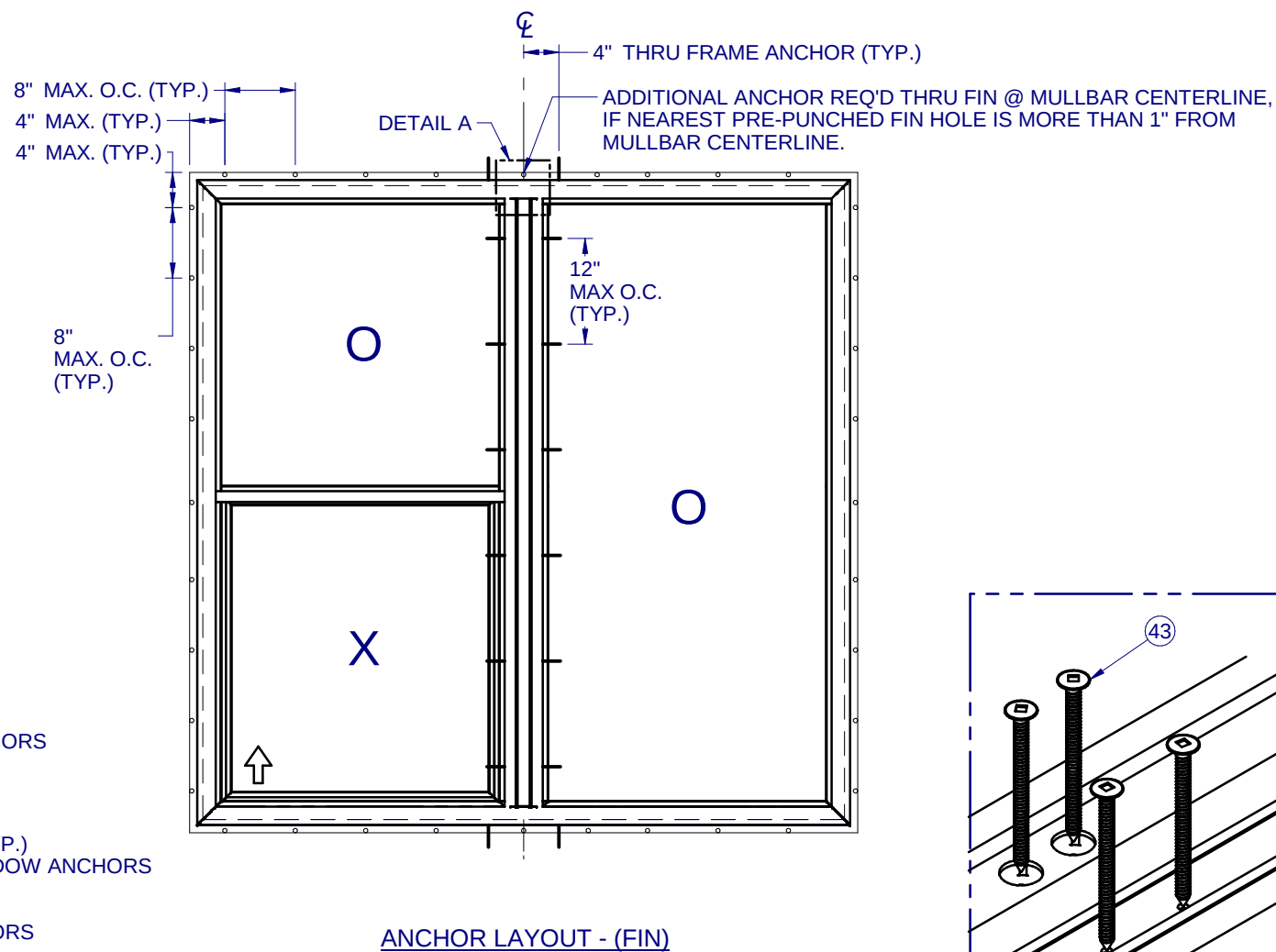
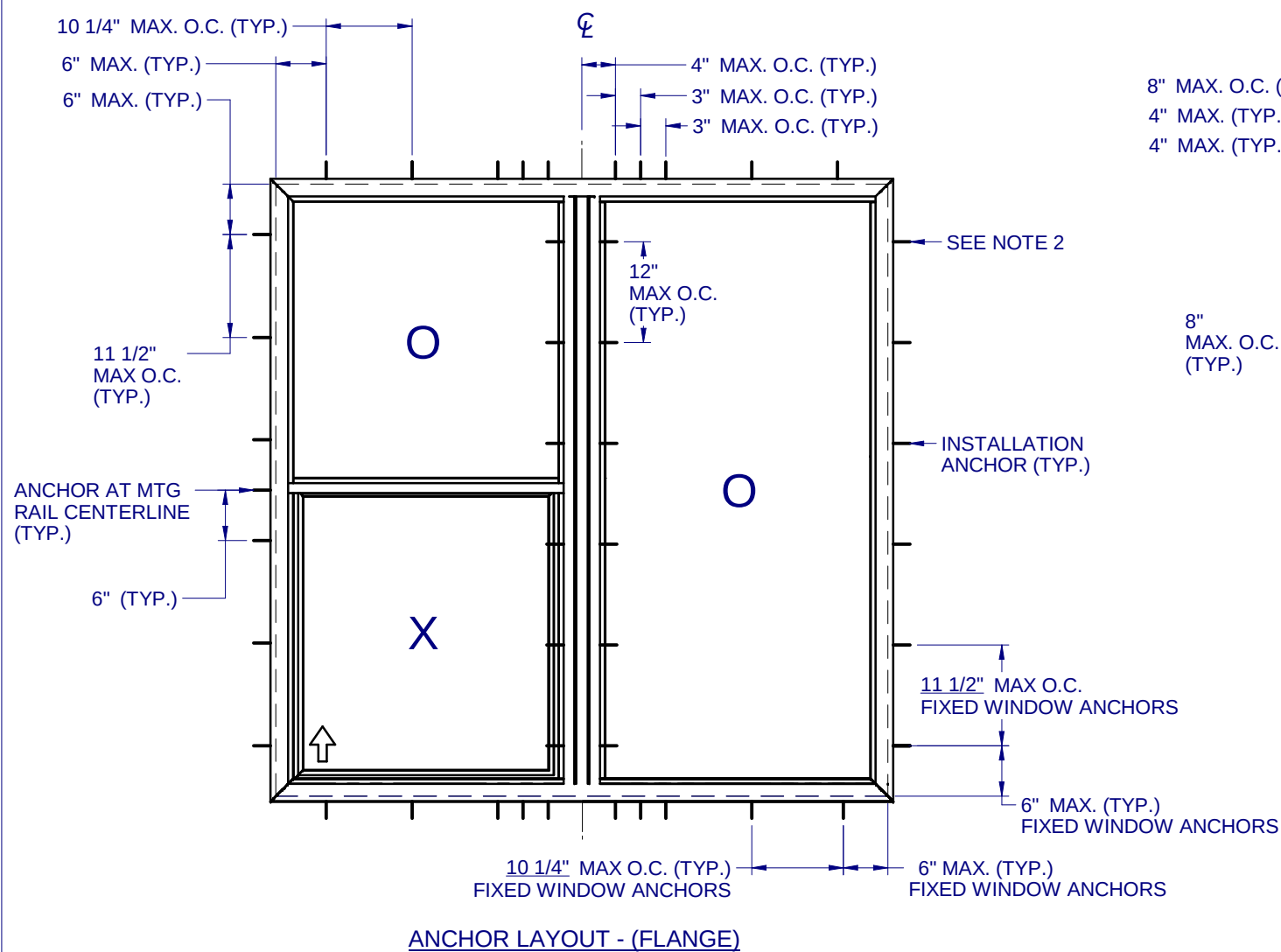
A

SCALE:

1:2

SHEET

4 OF 6



NOTES:

1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. 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 6.
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 6.
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 HOLLOW CMU 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" 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 6. 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)



1900 SW 44TH AVE.
OCALA, FLORIDA 34474
WWW.CWS.CC

VSH05/VSH08

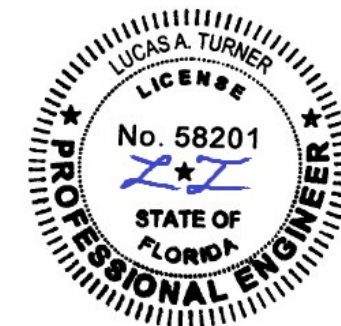
**8100/8150 PVC
SINGLE HUNG/
PICTURE WINDOW
NON-IMPACT**

PROPRIETARY AND CONFIDENTIAL

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FLORIDA APPROVAL NO.:

4091



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:

**ANCHOR SCHEDULE AND
NOTES**

DRAWN BY:

MCS

DATE:

9/8/2026

DWG #:

CWS-1270

REV.:

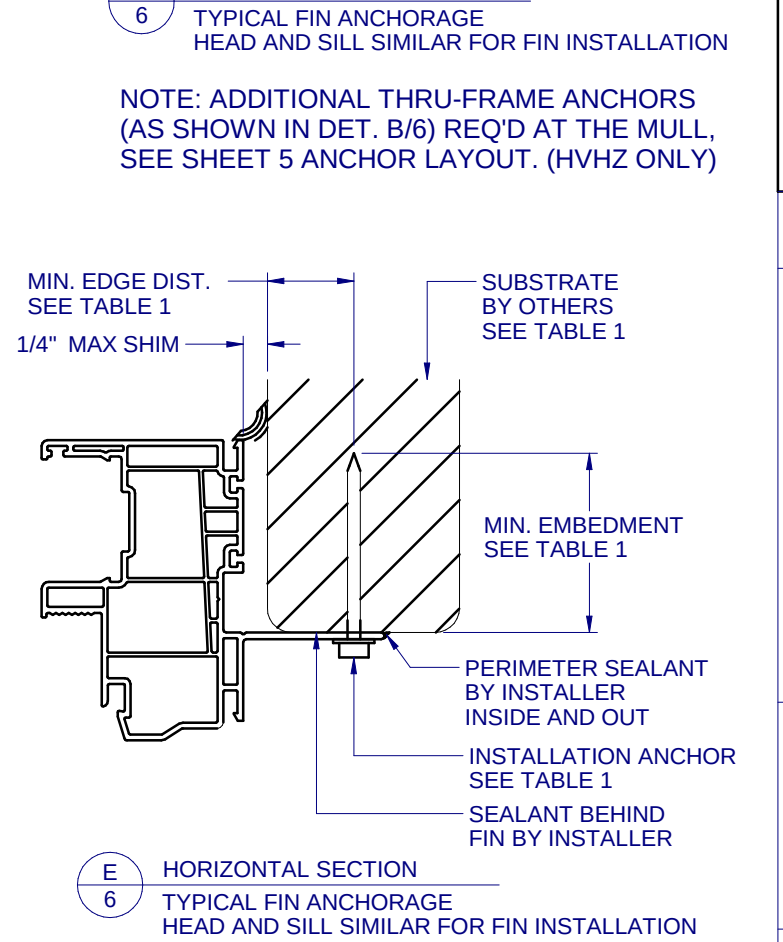
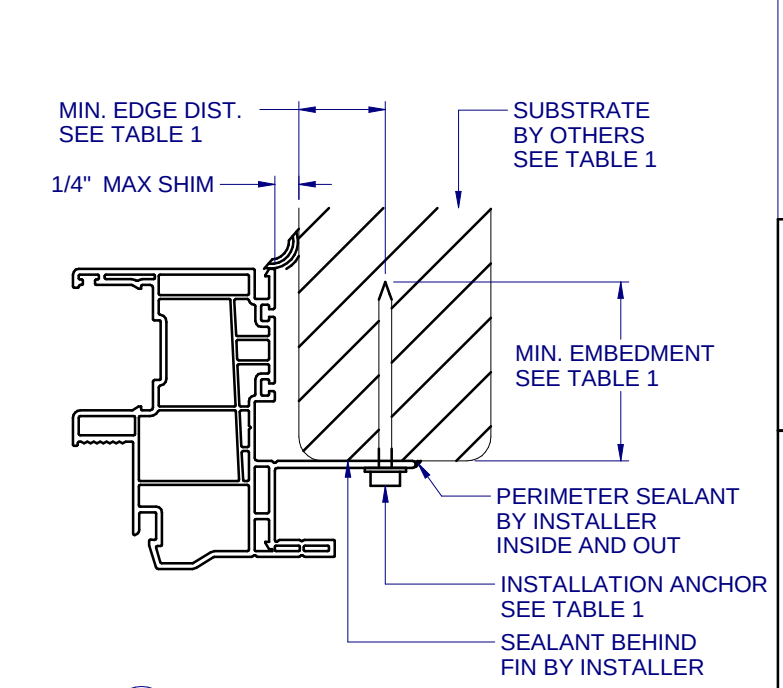
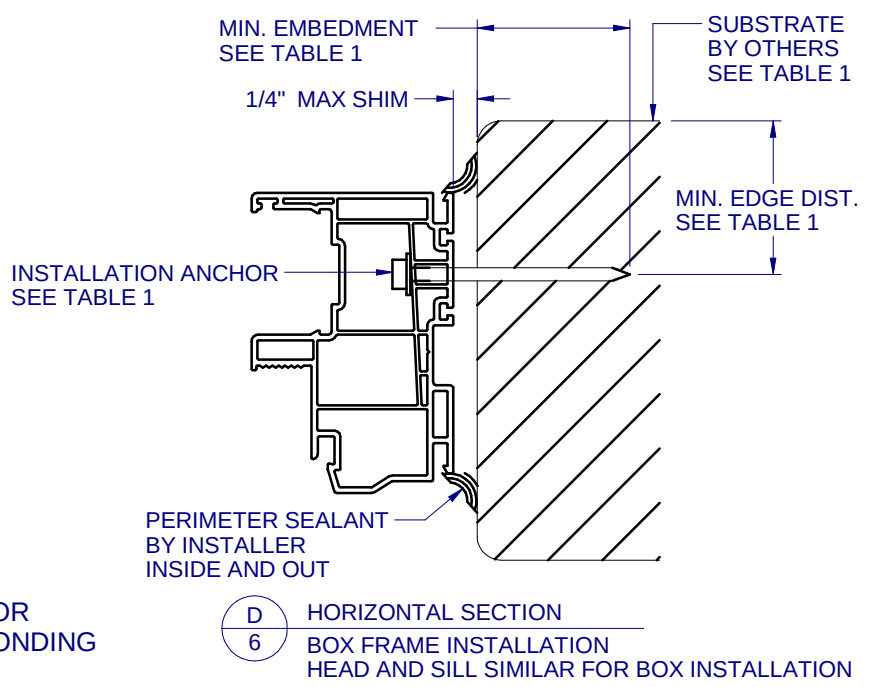
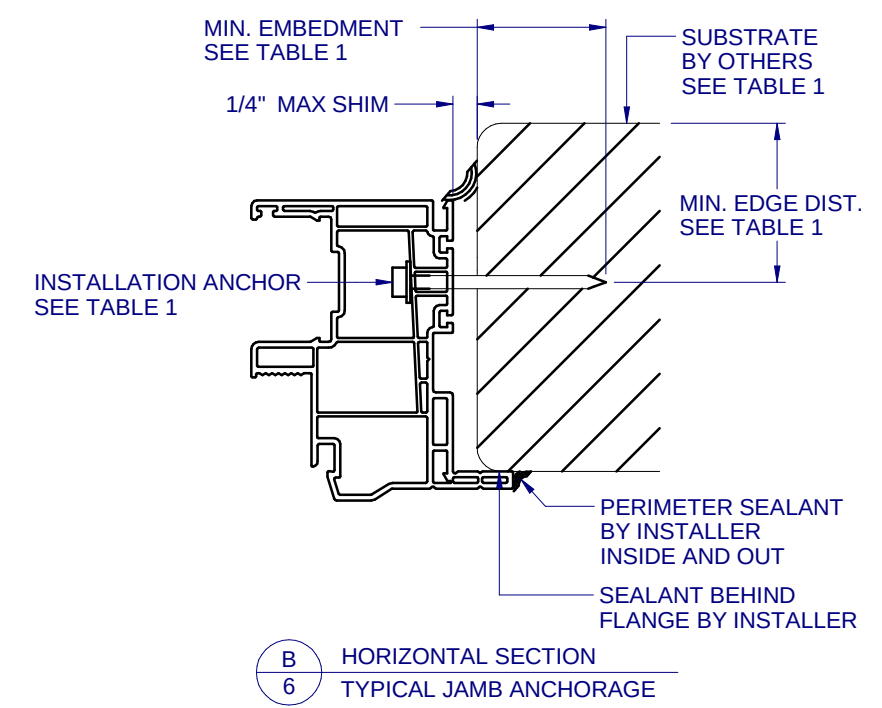
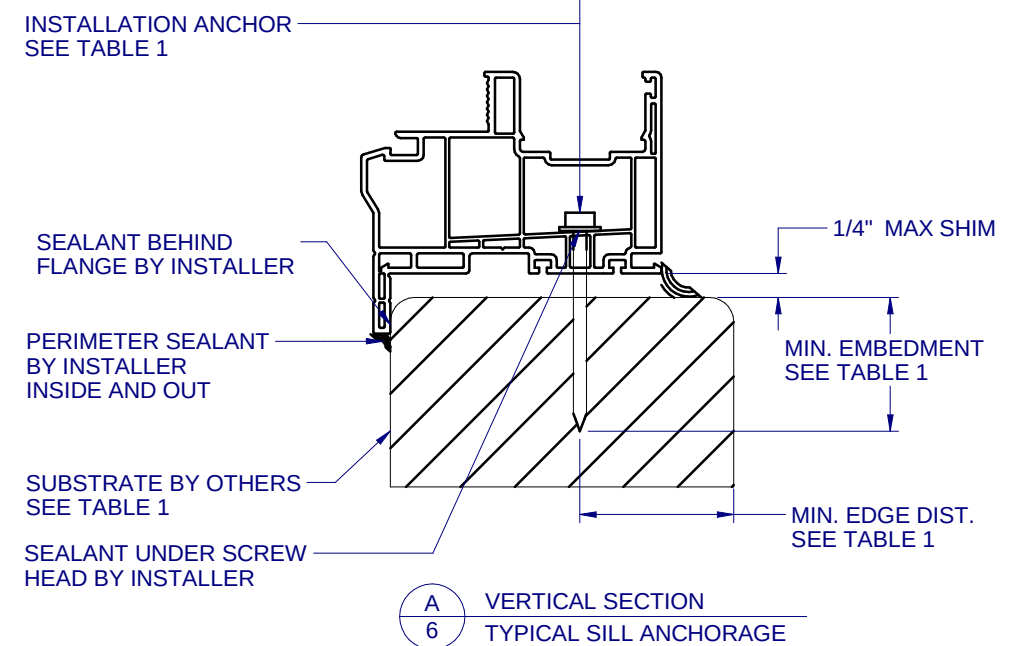
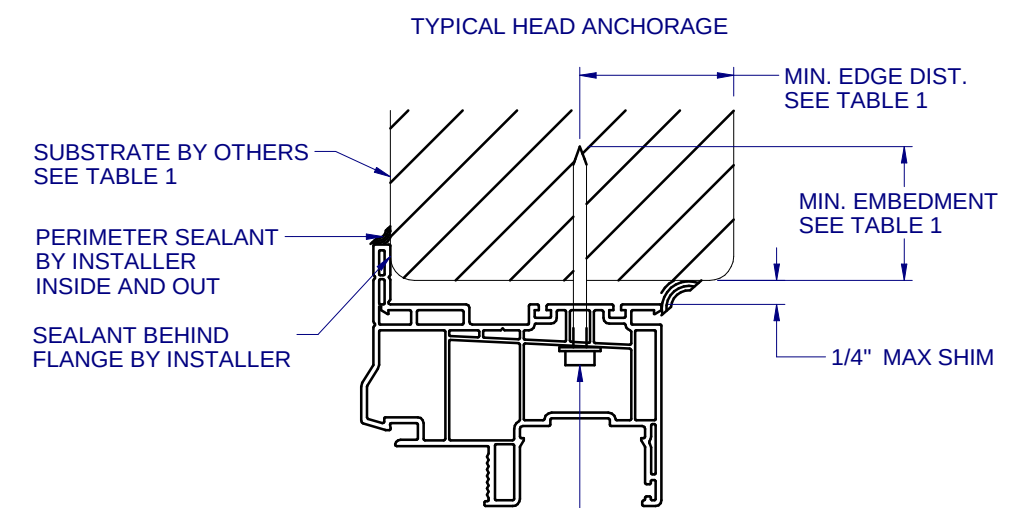
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SCALE:

1:20

SHEET

5 OF 6



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.

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+	1-1/4"	2-1/2"
FLANGE	2X MIN. SPRUCE-PINE-FIR (G=0.42)	3/16" ITW TAPCON OR DEWALT ULTRACON+	1-3/8"	7/8"
FLANGE	2X MIN. SPRUCE-PINE-FIR (G=0.42)	#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 SCREW	FULL THREAD THRU 0.060"	7/16"
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"	7/16"
FIN	2X MIN. SPRUCE-PINE-FIR (G=0.42)	#8 WOOD SCREW	1-1/2"	7/16"

FLANGE REMOVAL NOTE: PARTIALLY OR FULLY REMOVING THE FLANGE, UP TO AND INCLUDING A BOX-FRAME APPLICATION IS ACCEPTABLE PROVIDED:

- MIN. 1/4" FILLET OF CONSTRUCTION-GRADE ADHESIVE CAULK IS APPLIED INSIDE AND OUT, FULL PERIMETER, BY INSTALLER.
- PRODUCT ANCHORAGE IS IN ACCORDANCE WITH REQUIREMENTS AS SHOWN FOR FLANGE WINDOWS.

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SHEET DESCRIPTION:
INSTALLATION DETAILS

DRAWN BY: MCS	DATE: 9/8/2026
DWG #: CWS-1270	REV.: A
SCALE: 1:2	SHEET 6 OF 6