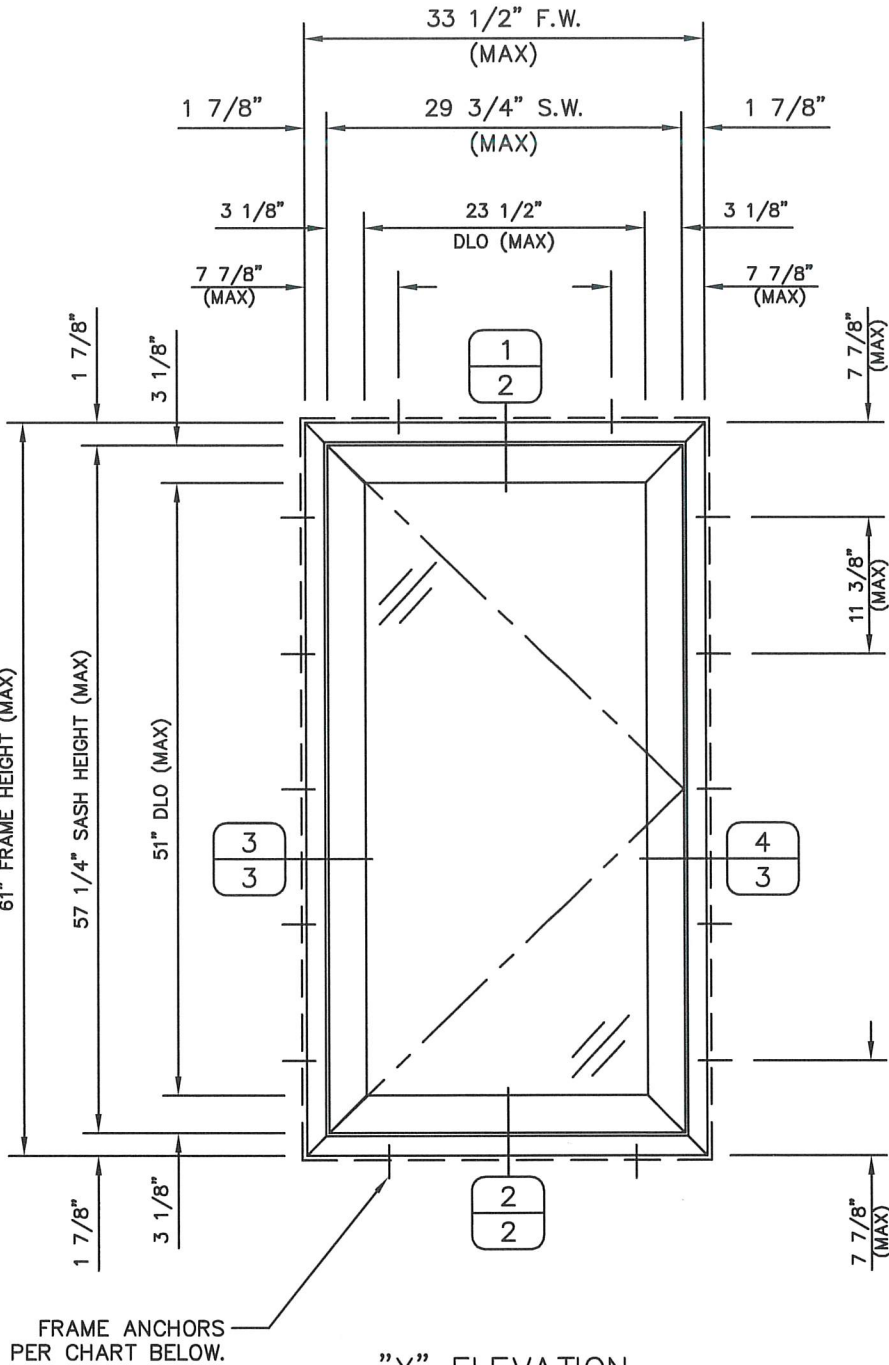


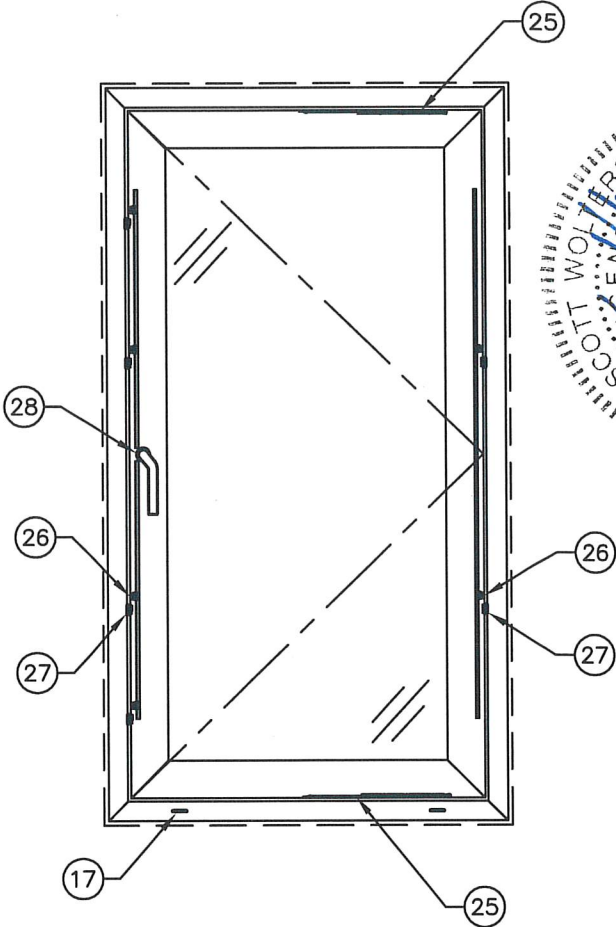
DW128S SERIES ALUMINUM OUTSWING CASEMENT WINDOW

- GENERAL NOTES:
- 1. THIS PRODUCT HAS BEEN TESTED PER TAS 201, 202, AND 203. IT MEETS ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS.
 - 2. THIS PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT, SHUTTERS ARE NOT REQUIRED.
 - 3. THE DESIGN PRESSURES LISTED ARE ALLOWABLE STRESS DESIGN (ASD) PRESSURES, AS LIMITED BY ASTM E-1300, TESTED PRESSURES, AND CALCULATED ANCHOR LIMITATIONS.
 - 4. OPENING SUBSTRATES, WOOD BUCKS (OPTIONAL), AND WOOD BUCK FASTENERS ARE BY OTHERS AND MUST BE DESIGNED AND INSTALLED PER FBC REQUIREMENTS TO SAFELY TRANSFER THE LOADS FROM THIS SYSTEM TO THE BUILDING STRUCTURE. SUBSTRATES SHALL MEET THE MIN STRENGTH REQUIREMENTS LISTED IN THE ANCHOR CHART BELOW.
 - 5. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS LISTED IN THE ANCHOR CHART BELOW, ANCHOR EMBEDMENT IN SUBSTRATE SHALL BE BEYOND ANY WALL DRESSING OR STUCCO.
 - 6. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS.
 - 7. NO INCREASES IN ALLOWABLE STRESS FOR SHORT-TERM LOADING HAVE BEEN USED IN THE DESIGN OF THIS SYSTEM.
 - 8. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT GALVANIC REACTIONS PER FBC REQUIREMENTS.
 - 9. CORNER CONSTRUCTION – FRAME MEMBERS AND SASH MEMBERS ARE MITER-CUT, MECHANICALLY FASTENED WITH CORNER KEYS, AND SEALED WITH NOVAPUR SEALANT.



"X" ELEVATION
(EXTERIOR VIEW)

DESIGN PRESSURE
+/- 60 PSF



HARDWARE

ANCHOR CHART			
SUBSTRATE	FASTENER TYPE	MINIMUM EMBEDMENT	MIN EDGE DISTANCE
STEEL (1/8", Fut=58 ksi min)	#12 DIA F-TYPE THREAD FORMING SCREW (SAE Gr. 5 min)	FULL*	1"
METAL STUDS (16 Ga, Fut=45 ksi min)	#12 DIA TEKS-TYPE SCREW (SAE Gr. 5 min)	FULL*	1"
CONCRETE (3150 ksi, MIN)	1/4" DIA DEWALT ULTRACON CONCRETE SCREW	1 3/4"	2 1/2"
CMU BLOCK (ASTM C90, MIN) (JAMBS ONLY)	1/4" DIA DEWALT ULTRACON CONCRETE SCREW	1 3/4"	2 1/2"

* METAL SCREWS MUST FULLY PENETRATE THE WALL OF THE METAL STUD, WITH THREE ADDITIONAL THREADS BEYOND.

DATE

4/27/24

REV#

1

PRINTS ISSUED FOR

1

SCOTT WOLTERS

FL PE# 62354

WOLTERS ENGINEERING

(COA# 27194)

15211 97TH ROAD N

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DONGCHENG STREET, LINQU COUNTY

WEIFANG CITY, SHANDONG PROVINCE, CHINA

DWG:

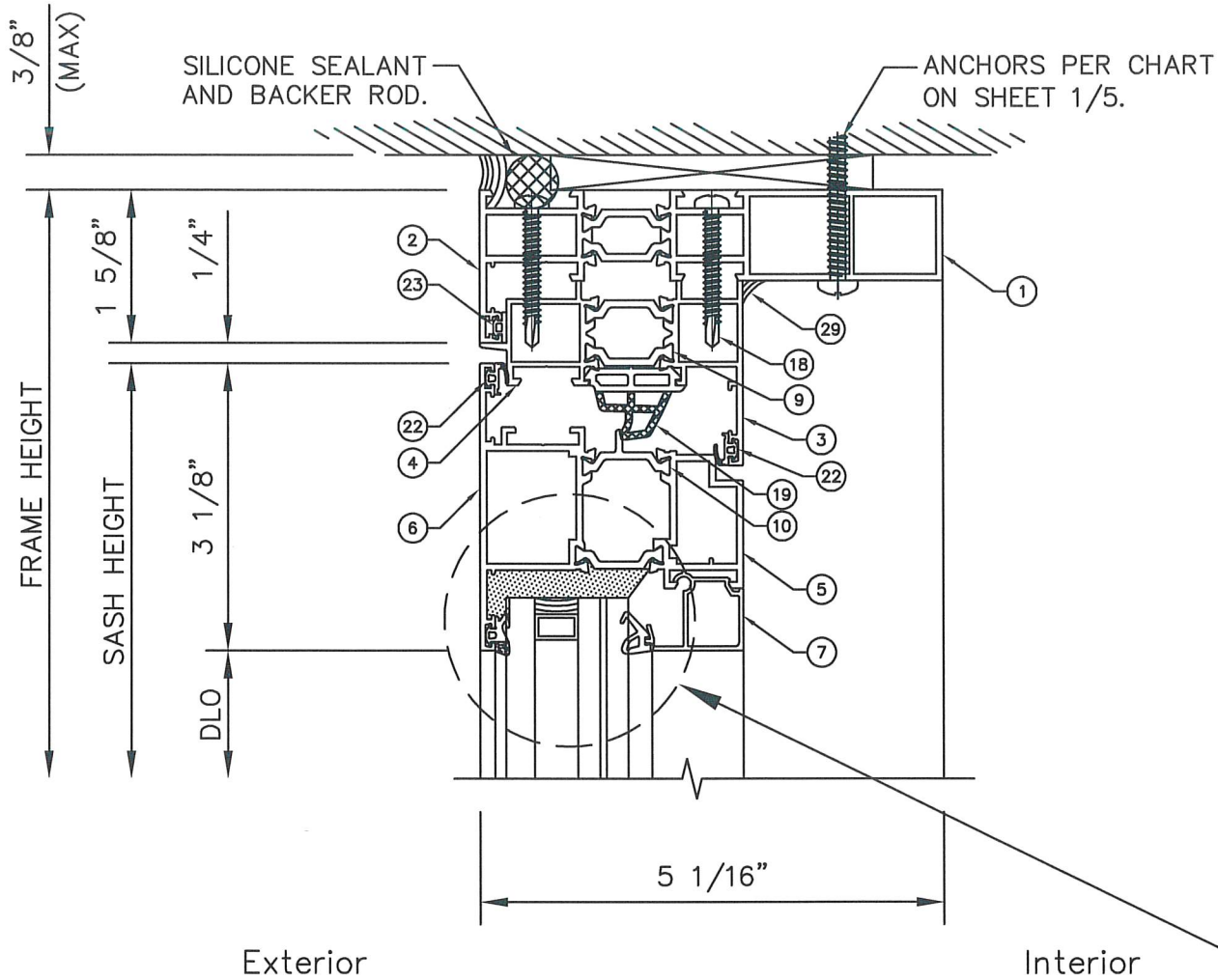
DW128S-HZ

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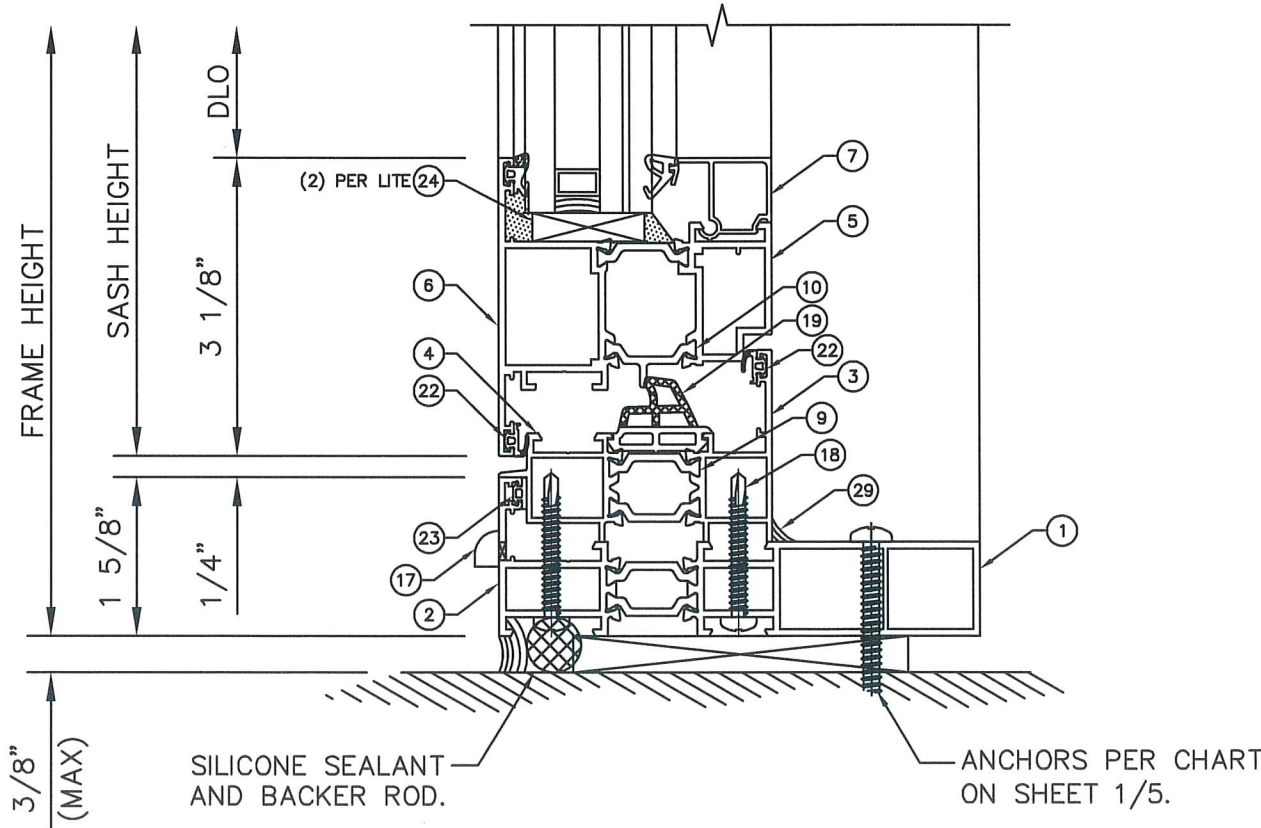
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DW128S SERIES ALUMINUM OUTSWING CASEMENT WINDOW

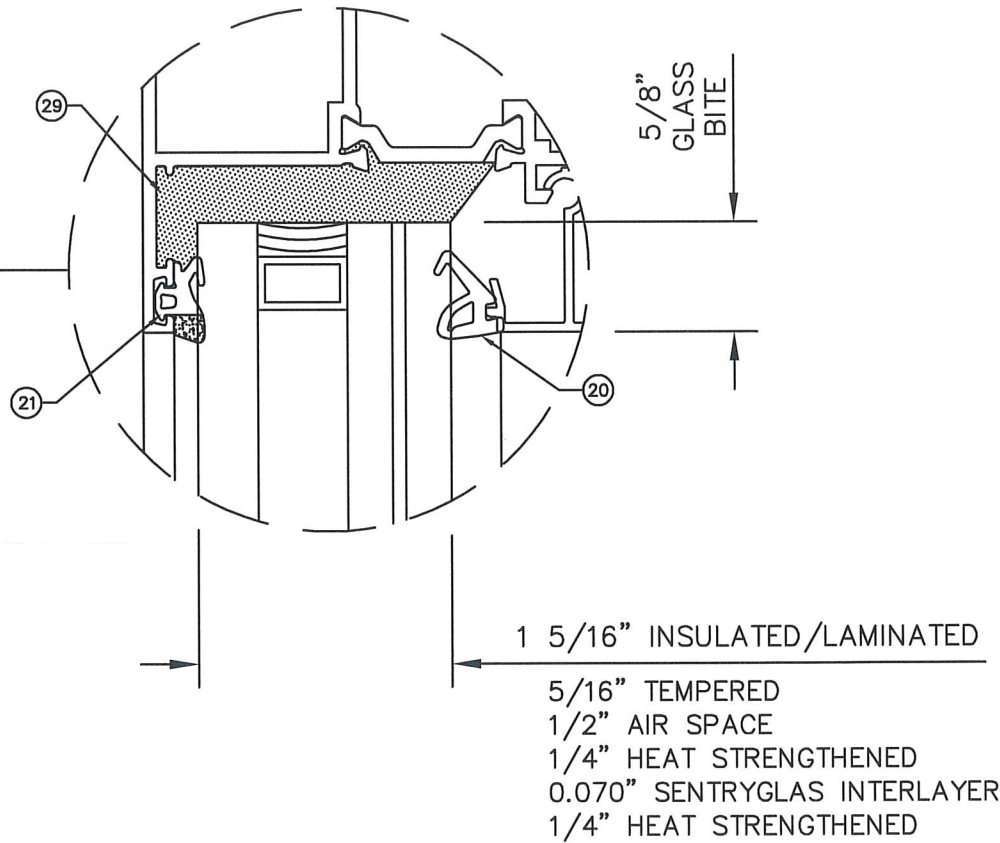
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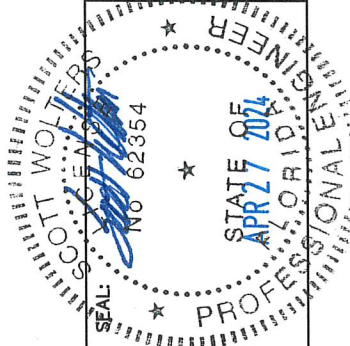
GLAZING DETAIL



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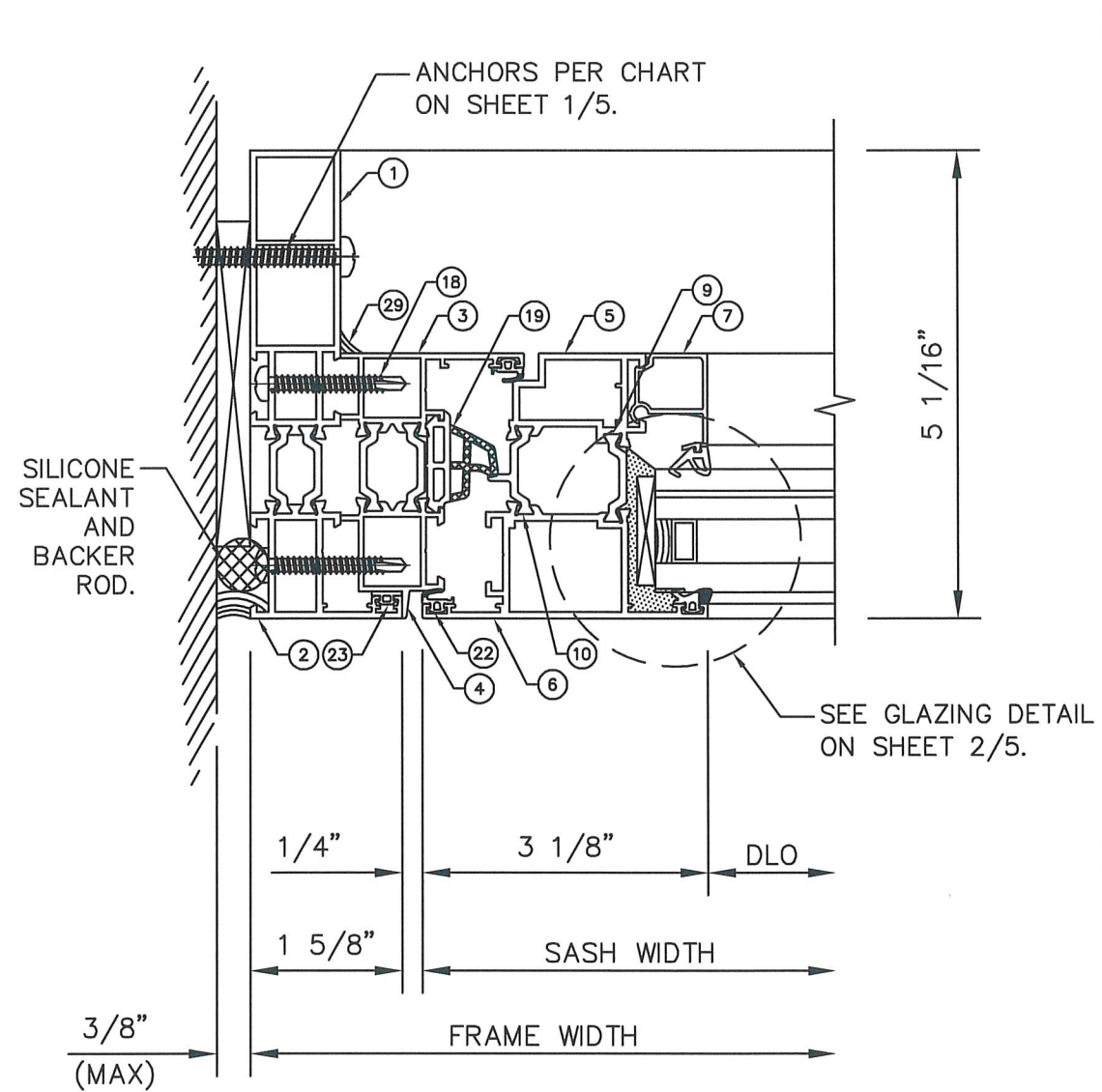
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DW128S-HZ
SHEET:
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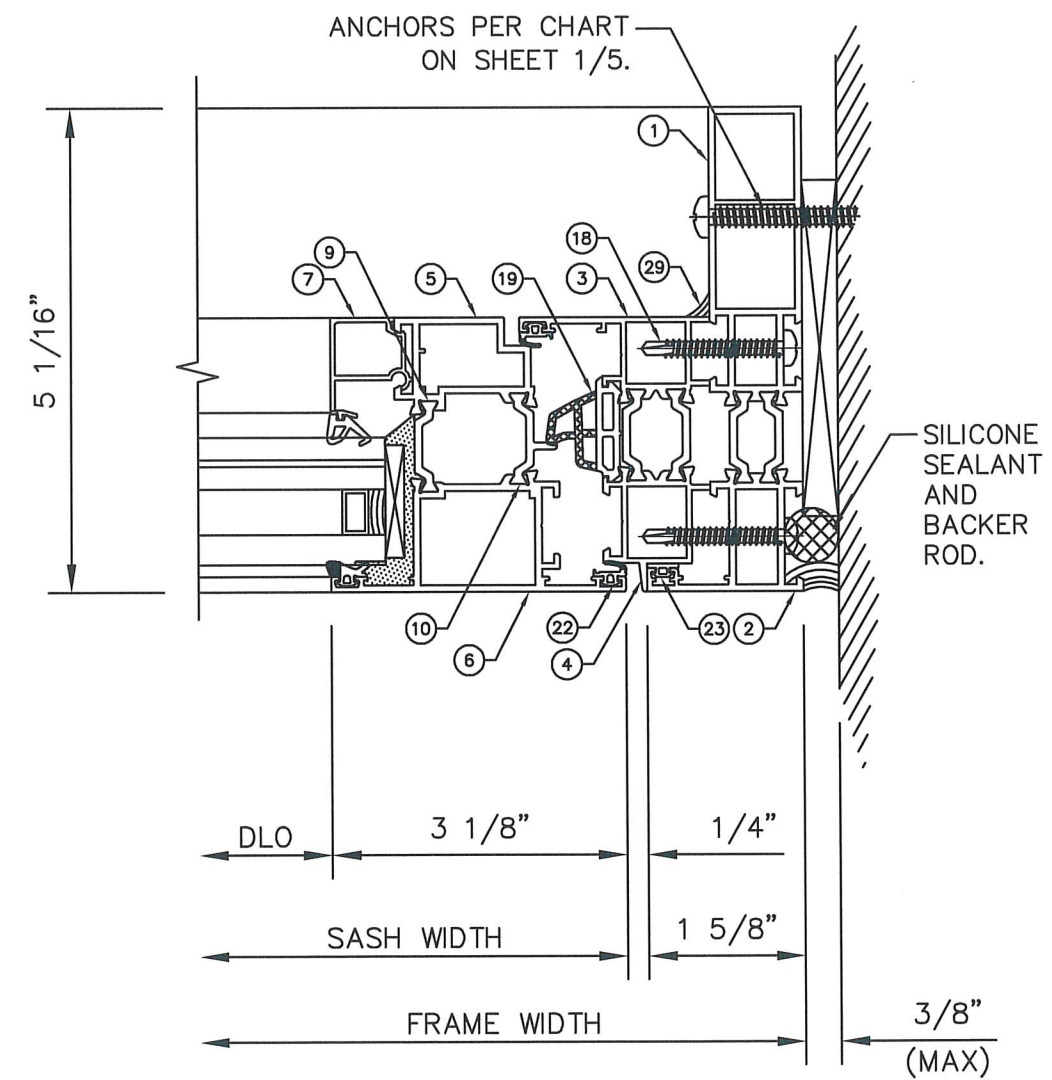


REV.#	DATE	PRINTS ISSUED FOR
1	4/27/24	1ST SUBMITTAL

DW128S SERIES ALUMINUM OUTSWING CASEMENT WINDOW


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Interior



4
3

Exterior

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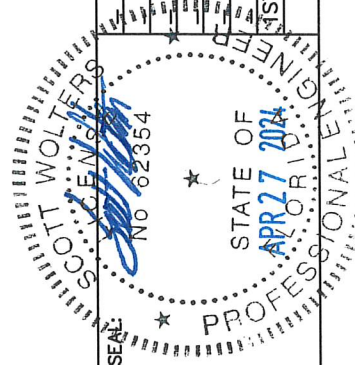
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DWG:	DW128S-HZ
SHEET:	3/5

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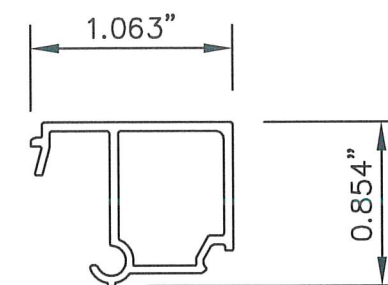
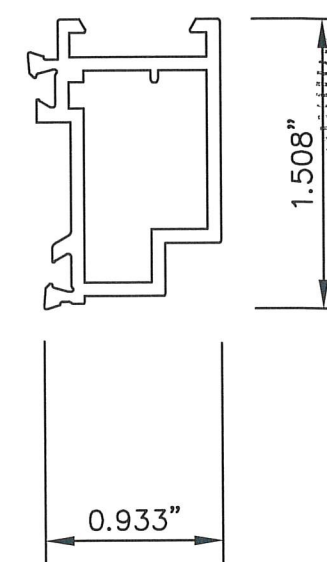
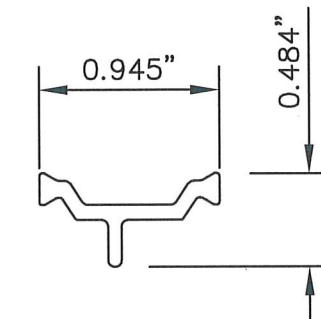
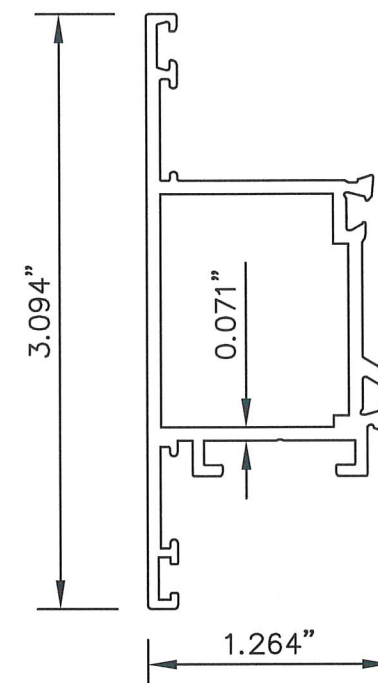
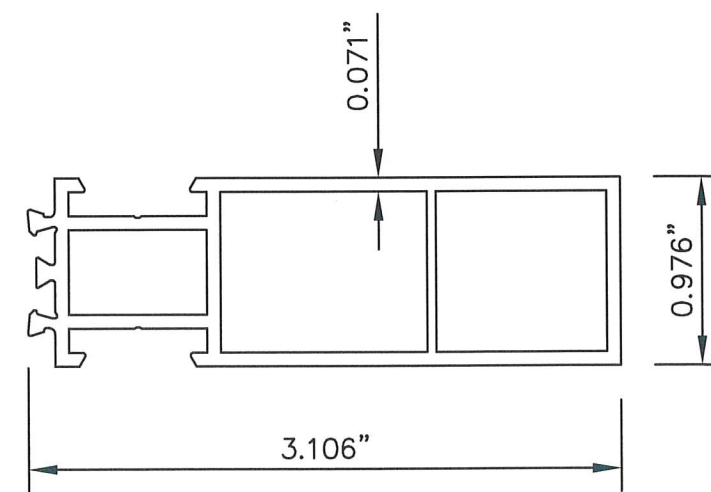
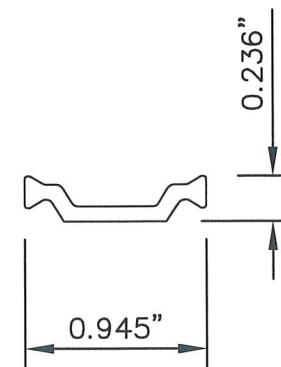
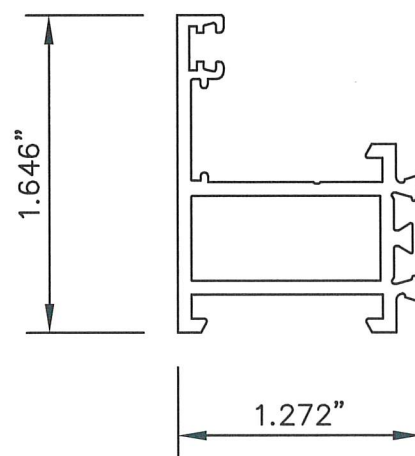
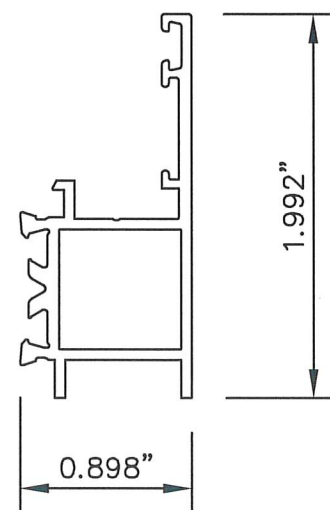
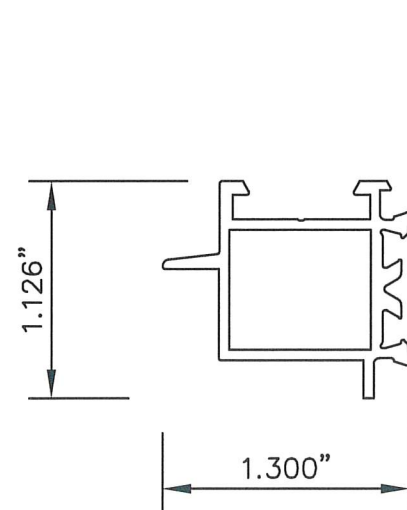
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REV.#	DATE

DW128S SERIES ALUMINUM OUTSWING CASEMENT WINDOW

BILL OF MATERIALS				
TAG	PART #	DESCRIPTION	MATERIAL	NOTES
01	DW12801B	INTERIOR FRAME	6060-T66 ALUMINUM	
02	DW12601A	EXTERIOR FRAME	6060-T66 ALUMINUM	
03	DW12611B	INTERIOR CONVERSION FRAME	6060-T66 ALUMINUM	
04	DW12611A	EXTERIOR CONVERSION FRAME	6060-T66 ALUMINUM	
05	DW12613B	INTERIOR SASH FRAME	6060-T66 ALUMINUM	
06	DW12613A	EXTERIOR SASH FRAME	6060-T66 ALUMINUM	
07	DW12627B	GLASS STOP	6060-T66 ALUMINUM	
09	BT2401	THERMAL BREAK	PA6-6/FIBERGLASS	
10	BT2410	THERMAL BREAK	PA6-6/FIBERGLASS	
11	JM039C	FRAME CORNER KEY	6063-T5 ALUMINUM	
12	XJM148A	FRAME CORNER KEY	6063-T5 ALUMINUM	
13	XJM096B	FRAME CORNER KEY	6063-T5 ALUMINUM	
14	XJM138D	SASH CORNER KEY	6063-T5 ALUMINUM	
15	JM007C	SASH CORNER KEY	6063-T5 ALUMINUM	
17	-	WEEP HOLE COVER	POLYPROPYLENE	
18	-	#8x1 1/4" PH THREAD-FORMING SCREW	300 SERIES SS	
19	DW128DY01	CENTRAL GASKET	EPDM	
20	DWXT-BN	INTERIOR GLAZING GASKET	EPDM	
21	DWXT-BW	EXTERIOR GLAZING GASKET	EPDM	
22	-	CONVERSION FRAME GASKET	EPDM	
23	-	EXTERIOR FRAME GASKET	EPDM	
24	031101	SETTING BLOCK	POM	MEETS FBC 2411.3.3.1
25	-	FRICTION HINGE	304 SERIES SS	
26	-	LOCK POINT	ZINC ALLOY	
27	-	LOCK SEAT	ZINC ALLOY	
28	-	RUNAS MULTI-POINT LOCK	304 SERIES SS	
29	-	DOWSIL SJ268 SEALANT	SILICONE	



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A circular professional engineer seal for the State of Florida. The outer ring contains the text "STATE OF FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by stars. The inner circle contains the text "No. 62354" and a date stamp "APR 27 2024". There is a blue ink scribble over the left side of the seal.

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