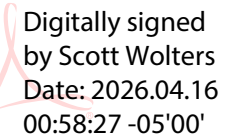
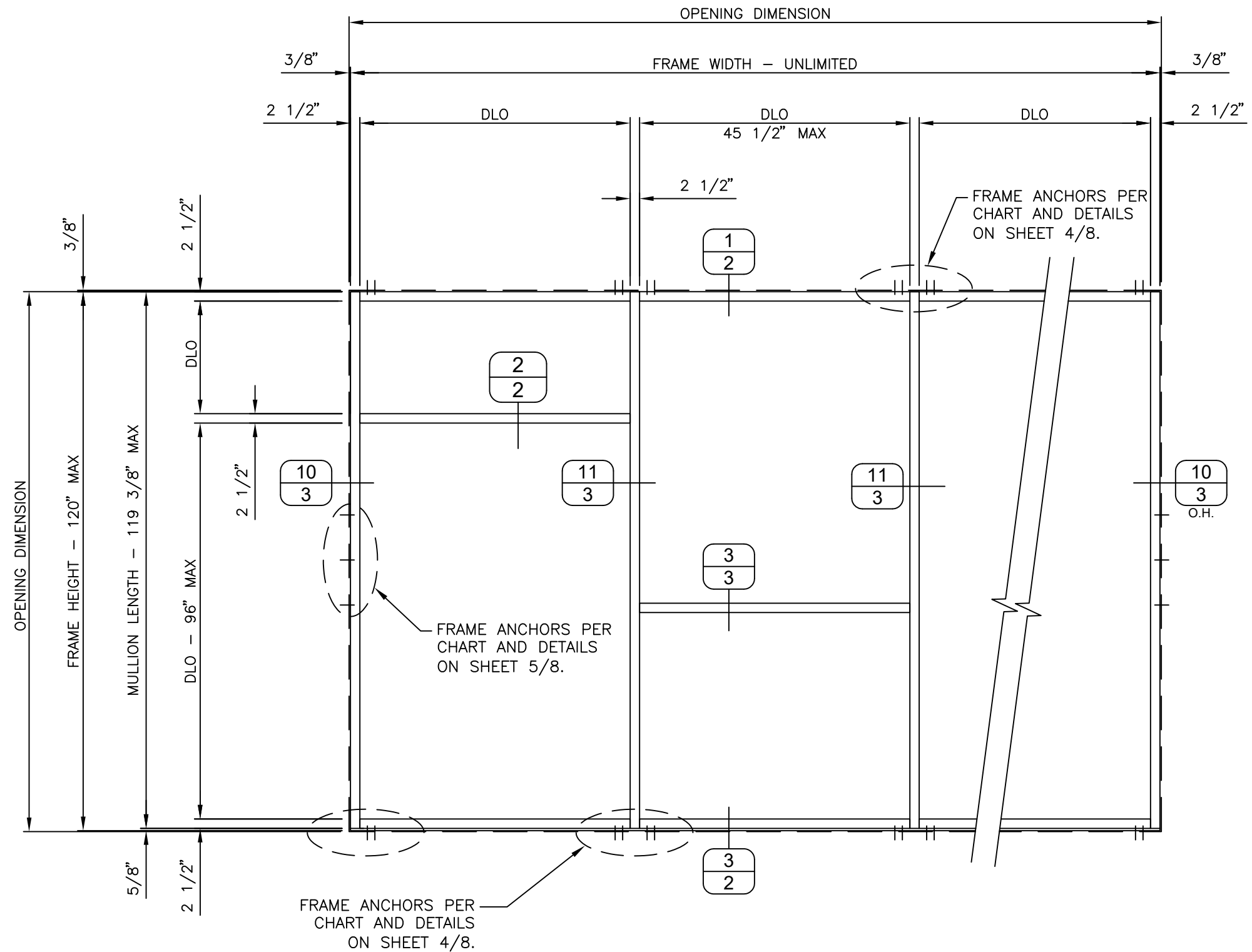


GENERAL NOTES AND ELEVATION

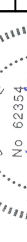


1. THIS SYSTEM HAS BEEN DESIGNED AND TESTED TO MEET ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
2. THIS SYSTEM HAS BEEN TESTED PER TAS 201, 202, 203, AND AAMA 501 FOR (LEVEL D) LARGE AND SMALL MISSILE IMPACT RESISTANCE, SHUTTERS ARE NOT REQUIRED.
3. WIND LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE (ASD) WIND LOADS FOR THE PROJECT CANNOT EXCEED THE DESIGN PRESSURE LISTED FOR THIS SYSTEM.
4. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS SHOWN IN THE DETAILS AND AS LISTED IN THE TABLES ON SHEETS 4/8 AND 5/8. ANCHOR EMBEDMENT IN SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.
5. THE GLASS TYPE, SIZE, AND DESIGN PRESSURES SHOWN IN THIS APPROVAL MEET THE REQUIREMENTS OF ASTM E1300-16.
6. WOOD BUCKS (1x MAX) BY OTHERS ARE OPTIONAL, AND IF USED MUST BE ADEQUATELY ANCHORED TO PREVENT FASTENER BENDING.
7. THE DESIGN OF THE SUBSTRATE IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD OR OTHER SPECIALTY ENGINEER, AND IS NOT A PART OF THIS APPROVAL. THE SUBSTRATE MUST SAFELY TRANSFER THE LOADS APPLIED BY THIS SYSTEM TO THE BUILDING STRUCTURE.
7. FIRE RATINGS OR FIRE RESISTANCE IS NOT A PART OF THIS REVIEW.
7. ALL ANCHORS SECURING THE SYSTEM THAT COME INTO CONTACT WITH PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
8. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PROTECTED TO PREVENT GALVANIC REACTIONS PER FBC REQUIREMENTS.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. $C_d=1.6$ WAS USED FOR WOOD SCREWS ONLY.
10. CODE REQUIREMENTS FOR SAFE GUARDS MUST BE OBSERVED.



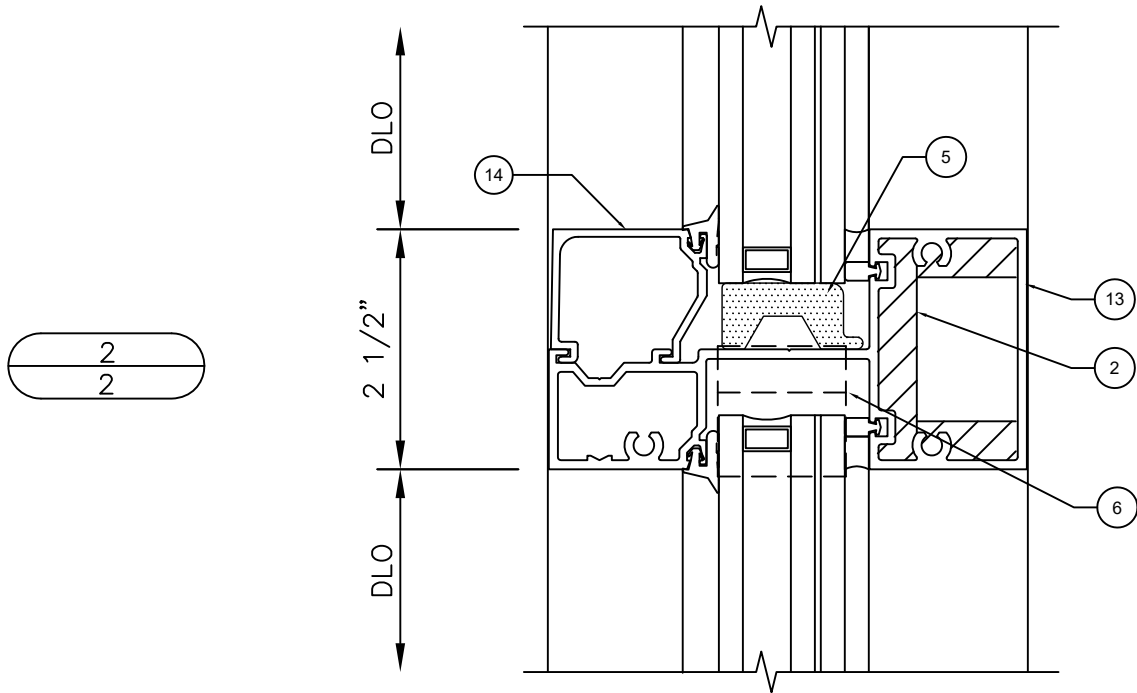
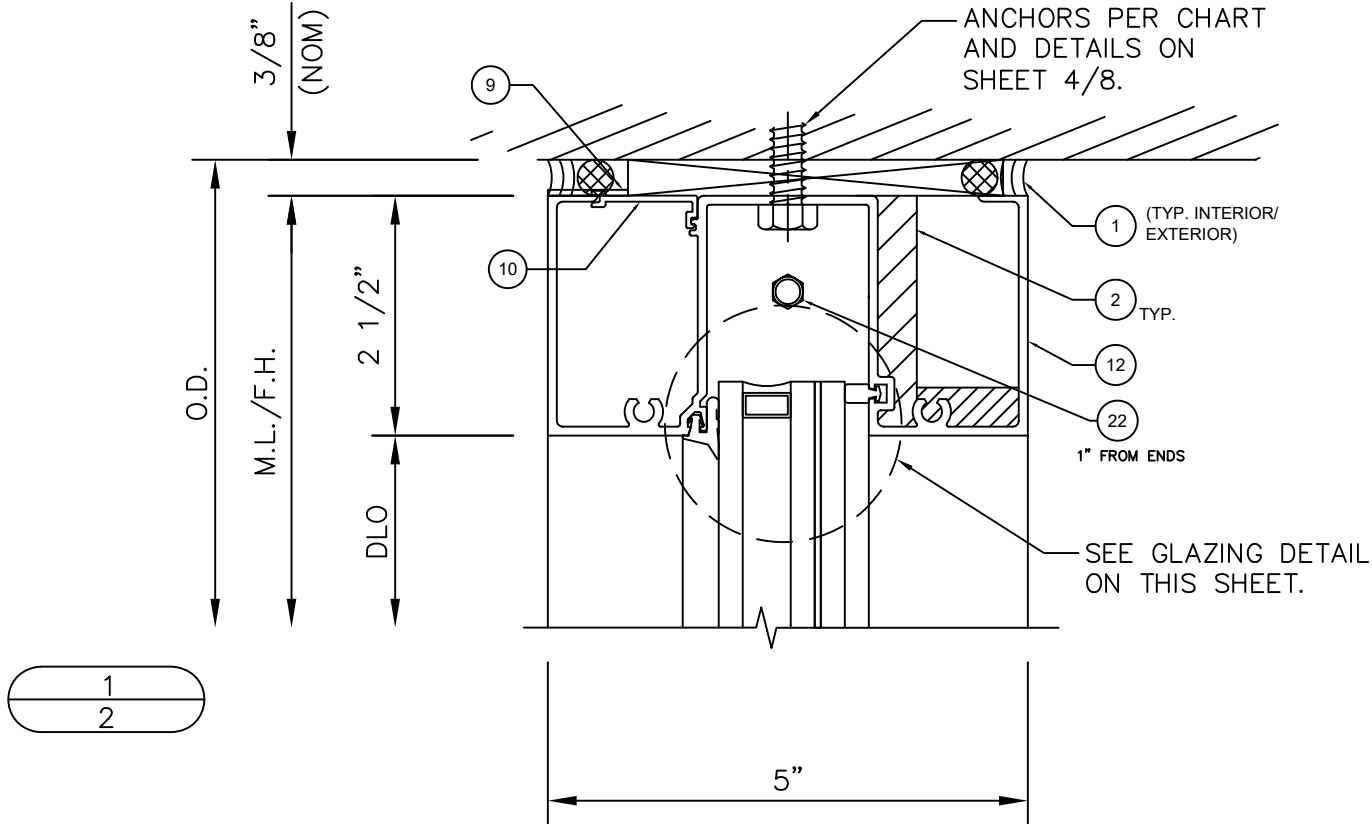
EXTERIOR ELEVATION VIEW
(NOT TO SCALE)

DESIGN PRESSURE
+/- 60 Psf

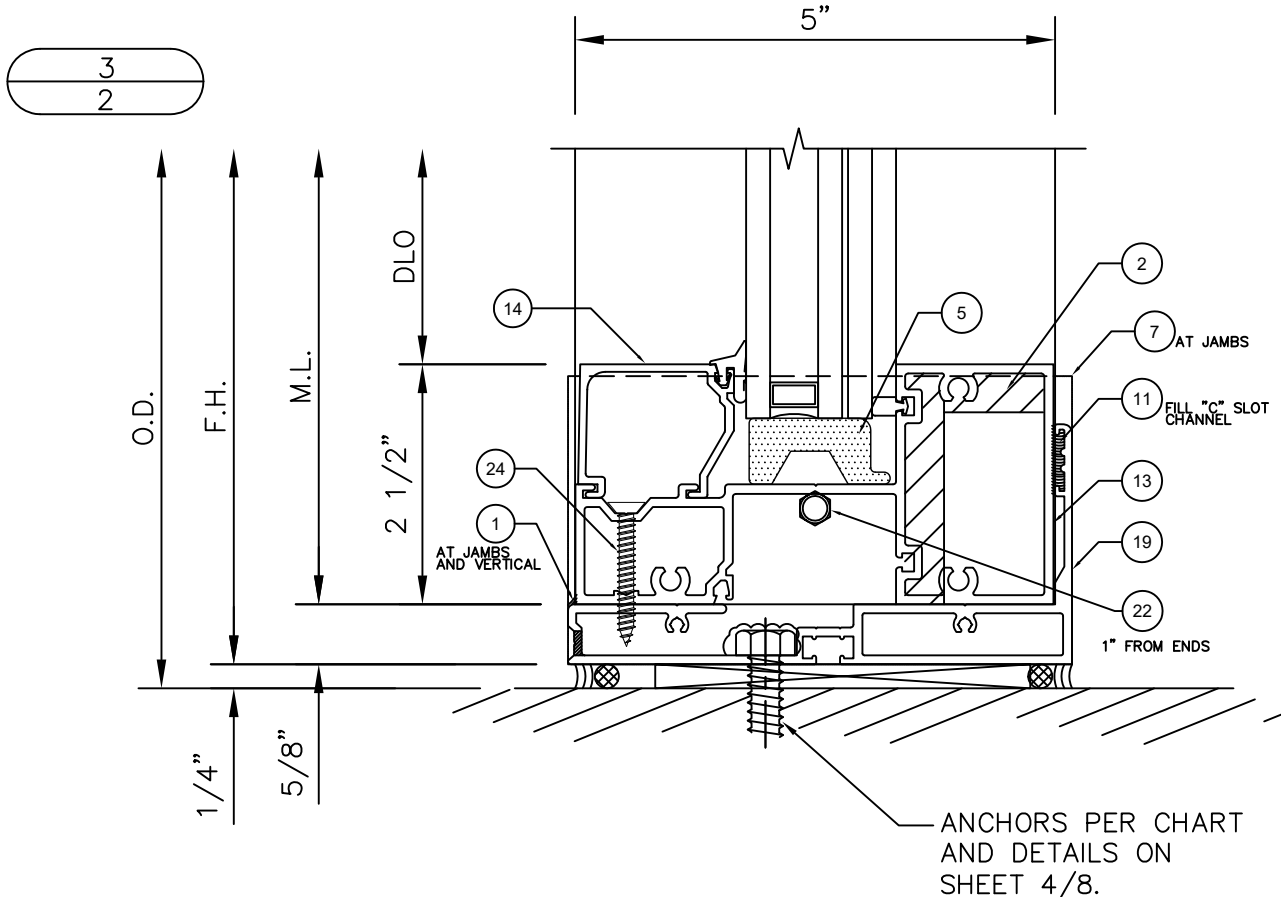
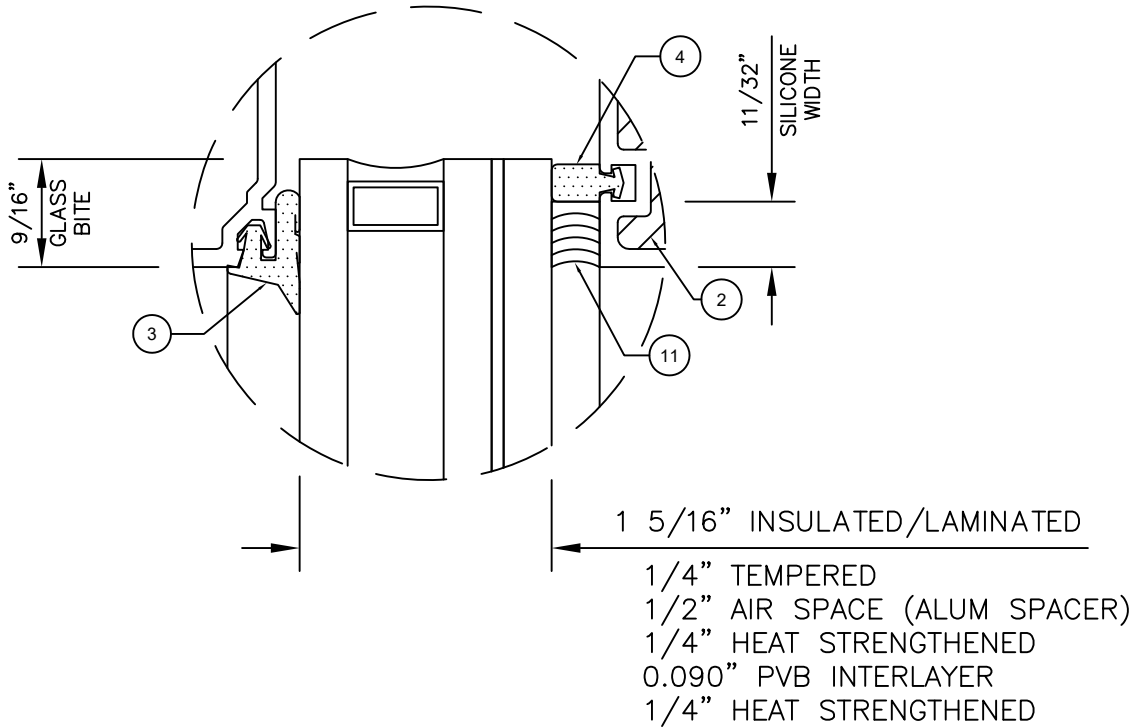
 DWG: SF550-HZ SHEET: 1 / 8	JDC ALUMINUM OF TAMPA, INC. 4166 RICE ROAD TAMPA, FL 33566 888-742-3033 WWW.JDCALUMINUM.COM	SEAL: SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 (561) 225-1982 	—	—
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			1ST SUBMITTAL	4/16/26
PRINTS ISSUED FOR	REV.#			
	DATE			

SF550 SERIES STOREFRONT SYSTEM

HORIZONTAL DETAILS



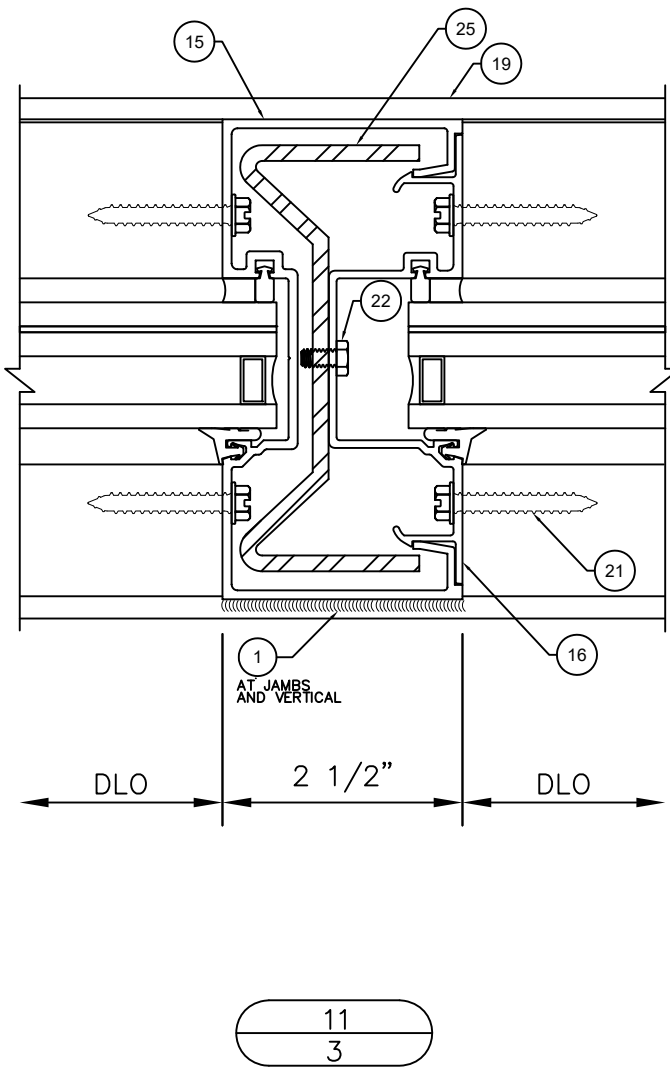
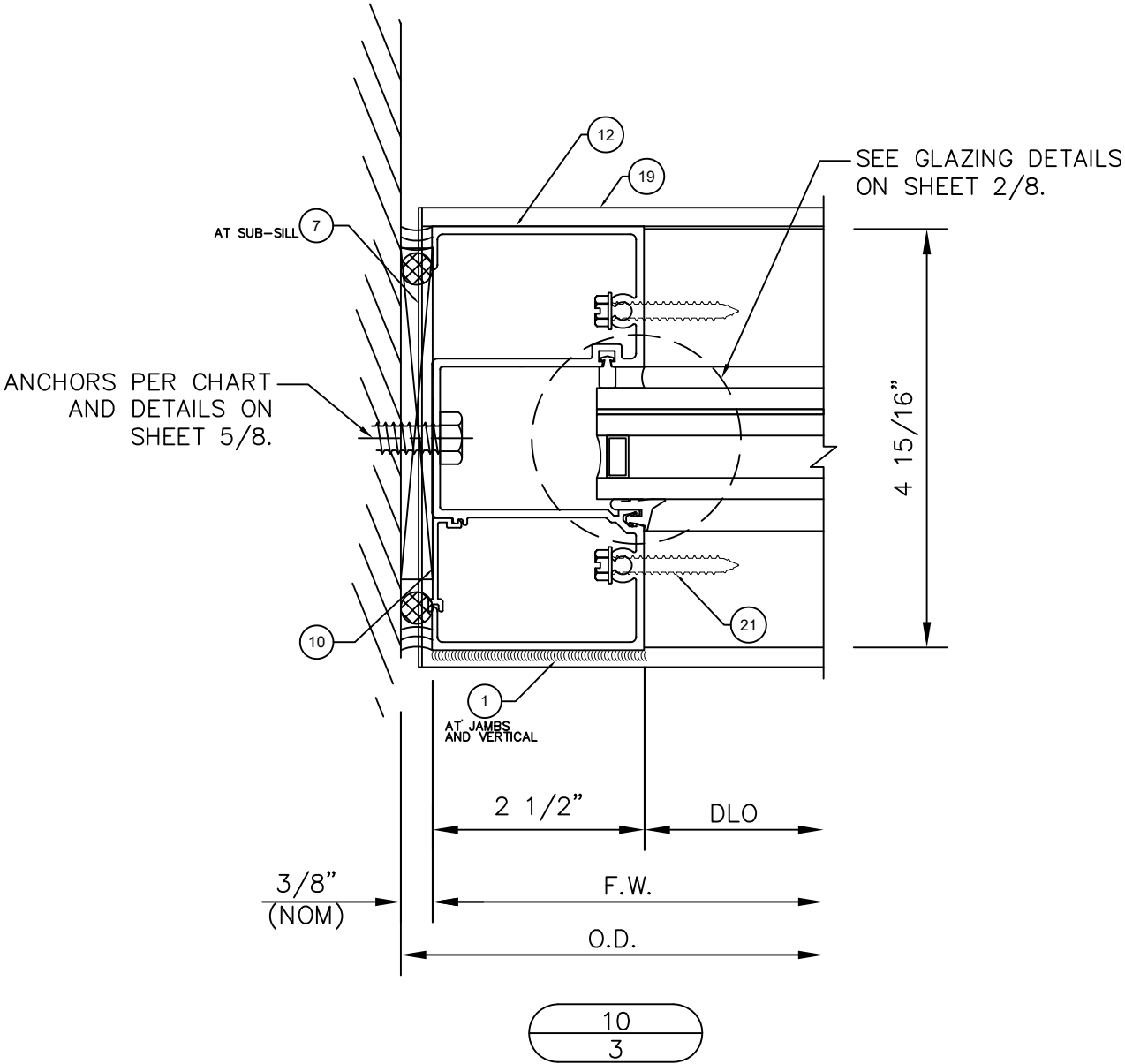
GLAZING DETAIL



SCOTT WOLTERS FL PE# 62354		JDC ALUMINUM OF TAMPA, INC. 4166 RICE ROAD TAMPA, FL 33566 888-742-3033	
WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 (561) 225-1962		WWW.JDCALUMINUM.COM	
SEAL:		DWG: SF550-HZ	
1ST SUBMITTAL		SHEET: 2/8	
PRINTS ISSUED FOR		REV. #	
2/16/26		DATE	

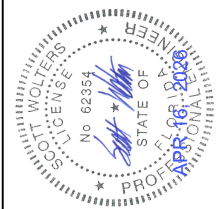
SF550 SERIES STOREFRONT SYSTEM

VERTICAL DETAILS



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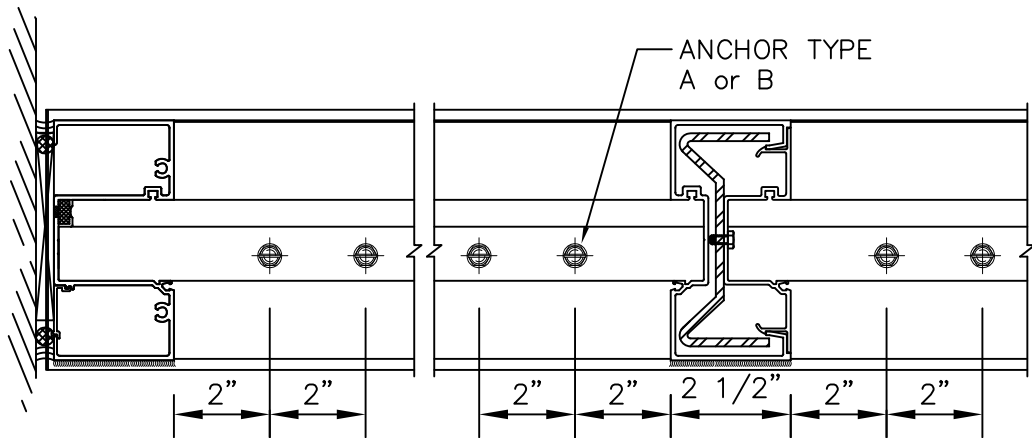
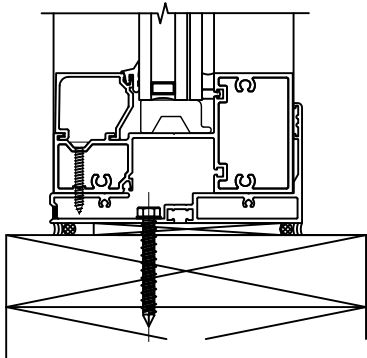
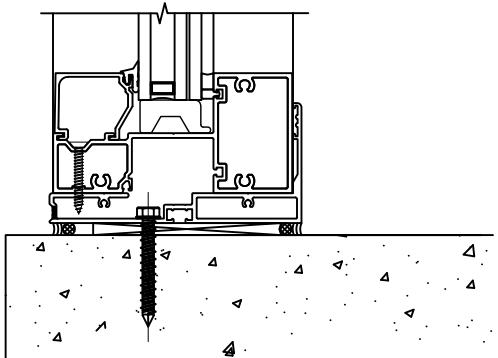
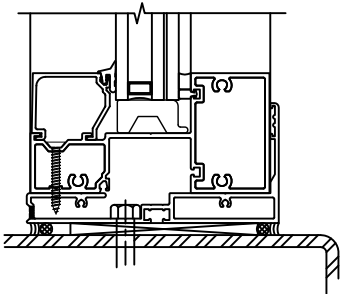
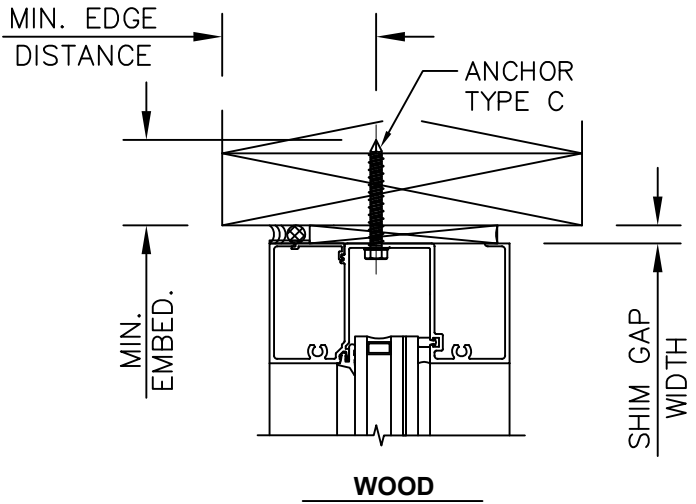
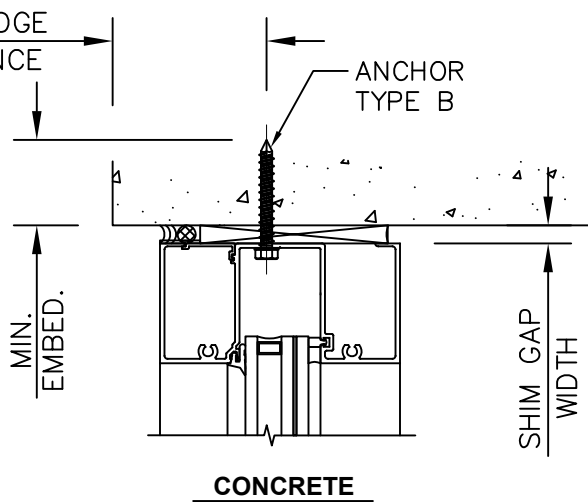
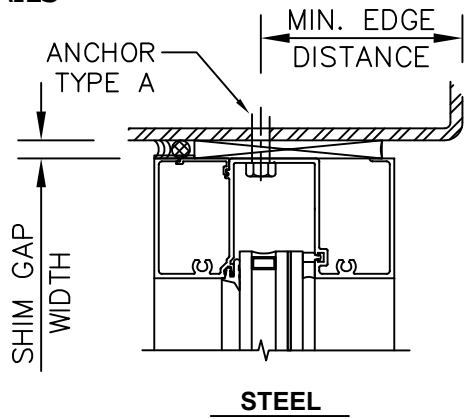
SEAL:
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1962



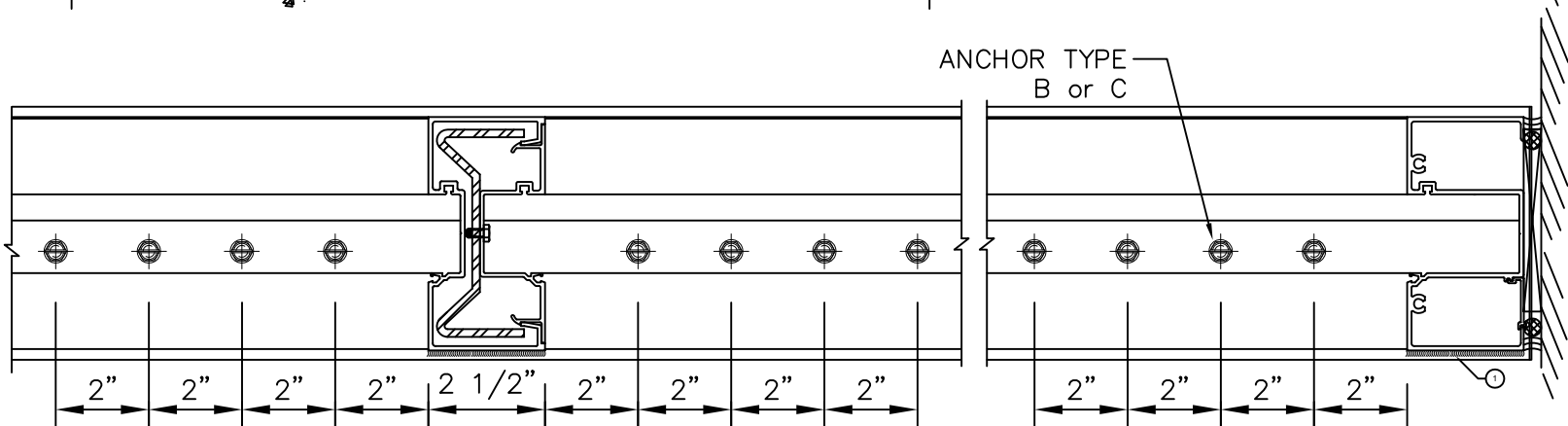
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SF550 SERIES STOREFRONT SYSTEM

HEAD/SILL ANCHOR DETAILS



HEAD/SILL PATTERN 1



HEAD/SILL PATTERN 3

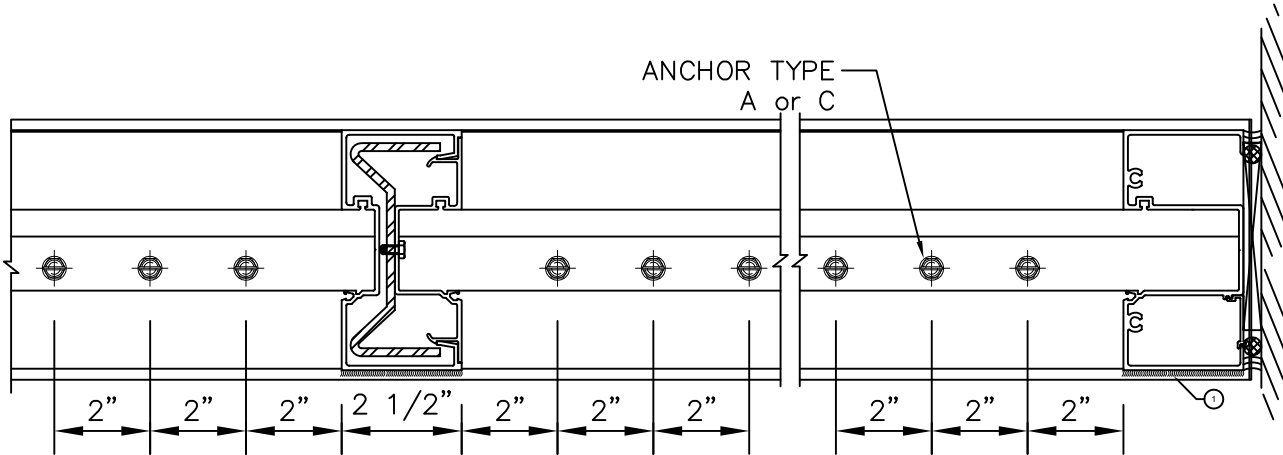
HEAD/SILL ANCHOR CHART

SUBSTRATE	MARK	TYPE	MAX SHIM GAP WIDTH (in)	FASTENER PATTERN	MIN EMBED (in)	MIN EDGE DISTANCE (in)
STRUCTURAL STEEL (1/8", A36 min)	A	1/4" DIA. TEKS-TYPE THREAD FORMING SCREW (Gr. 5 min)	1/4"	1	FULL*	3/4"
			1/2"	2	FULL*	3/4"
ALUMINUM (1/8", 6063-T6 min)	A	1/4" DIA. TEKS-TYPE THREAD FORMING SCREW (Gr. 5 min)	1/4"	1	FULL*	3/4"
			1/2"	2	FULL*	3/4"
METAL STUD (16 Ga, F _y =50 ksi min)	A	1/4" DIA. TEKS-TYPE THREAD FORMING SCREW (Gr. 5 min)	1/4"	1	FULL*	3/4"
			1/2"	2	FULL*	3/4"
CONCRETE (2846 psi min)	B	1/4" DIA. DEWALT ULTRA CON or HILTI KWIK-CON+	1/4"	1	1 3/4"	2 1/2"
			1/2"	3	1 3/4"	2 1/2"
WOOD (2x, S.G.= 0.42 min)	C	#14 WOOD SCREW (Gr. 5 min)	1/4"	2**	1 3/8"	1"
			1/2"	2	2 1/4" **	1"
			1/2"	3	1 3/8"	1"

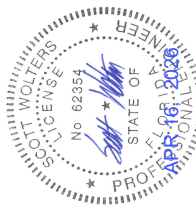
* FOR FASTENERS IN STEEL, FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH THREE ADDITIONAL THREADS BEYOND.

** DOUBLE WOOD BUCK REQUIRED.

++ FOR FASTENER TYPE C, ANCHOR PATTERN 2, 1/4" MAX SHIM GAP, AND 1 3/8" EMBED, MAXIMUM DESIGN PRESSURES ARE LIMITED TO +/- 46 psf.



HEAD/SILL PATTERN 2



SEAL:

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FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
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TAMPA, FL 33566
888-742-3033

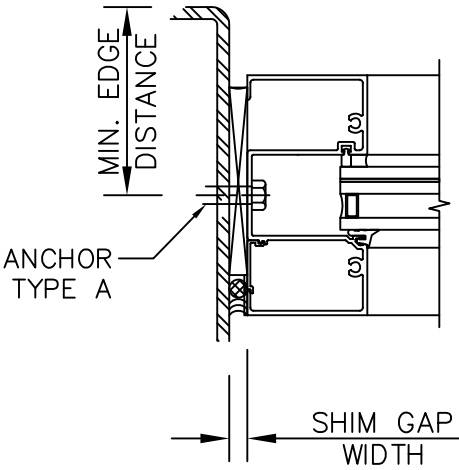
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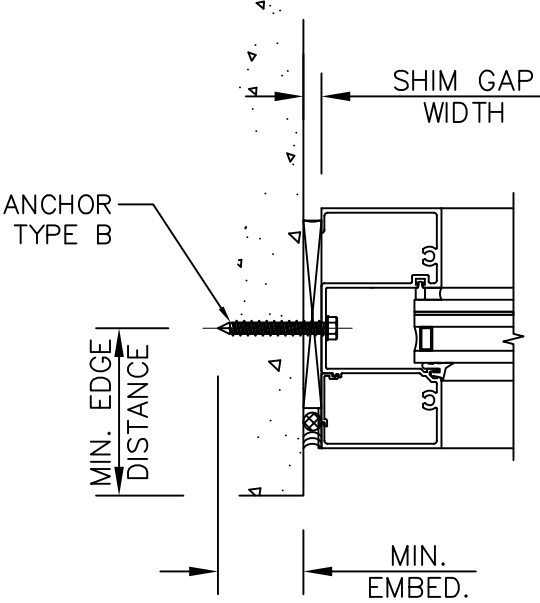
DWG: SF550-HZ
SHEET: 4/8

SF550 SERIES STOREFRONT SYSTEM

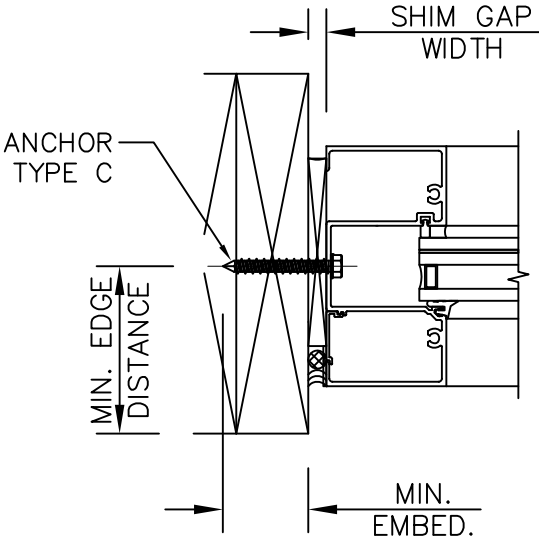
JAMB ANCHOR DETAILS



STEEL



CONCRETE



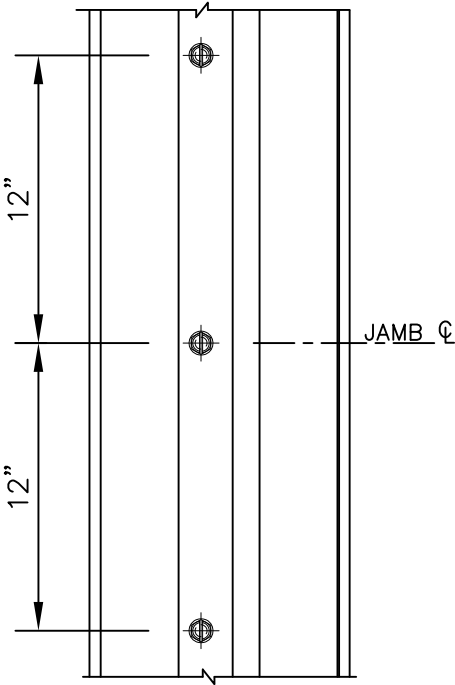
WOOD

JAMB ANCHOR CHART

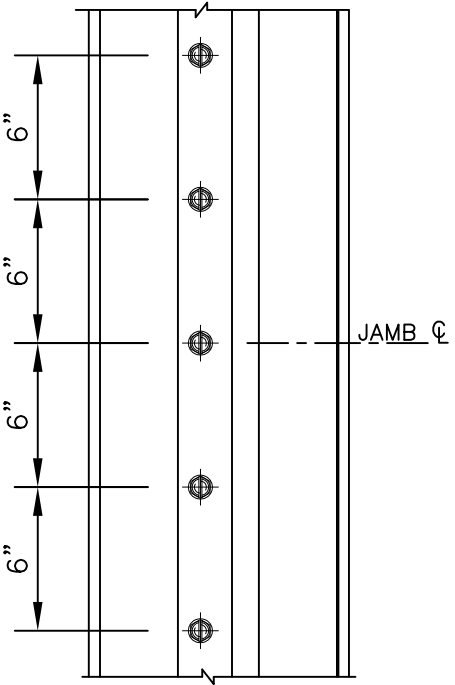
SUBSTRATE	MARK	TYPE	MAX SHIM GAP WIDTH (in)	FASTENER PATTERN	MIN EMBED (in)	MIN EDGE DISTANCE (in)
STRUCTURAL STEEL (1/8", A36 min)	A	1/4" DIA. TEKS-TYPE THREAD FORMING SCREW (Gr. 5 min)	3/8"	1	FULL*	3/4"
			1/2"	2	FULL*	3/4"
ALUMINUM (1/8", 6063-T6 min)	A	1/4" DIA. TEKS-TYPE THREAD FORMING SCREW (Gr. 5 min)	3/8"	1	FULL*	3/4"
			1/2"	2	FULL*	3/4"
METAL STUD (16 Ga, F _y =50 ksi min)	A	1/4" DIA. TEKS-TYPE THREAD FORMING SCREW (Gr. 5 min)	3/8"	1	FULL*	3/4"
			1/2"	2	FULL*	3/4"
CONCRETE (2846 psi min)	B	1/4" DIA. DEWALT ULTRACON or HILTI KWIK-CON+	1/4"	1	1 3/4"	2 1/2"
			1/2"	2	1 3/4"	2 1/2"
CMU (ASTM C90 min)	B	1/4" DIA. DEWALT ULTRACON or HILTI KWIK-CON+	1/4"	1	1 3/4"	2 1/2"
			1/2"	2	1 3/4"	2 1/2"
WOOD (2x, S.G.= 0.42 min)	C	#14 WOOD SCREW (Gr. 5 min)	1/4"	1 ⁺⁺	1 3/8"	1"
			1/2"	2	1 3/8"	1"

* FOR FASTENERS IN STEEL, FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH THREE ADDITIONAL THREADS BEYOND.

⁺⁺ FOR FASTENER TYPE C, ANCHOR PATTERN 1, 1/4" MAX SHIM GAP, AND 1 3/8" EMBED, MAXIMUM DESIGN PRESSURES ARE LIMITED TO +/- 36 psf.



JAMB PATTERN 1



JAMB PATTERN 2



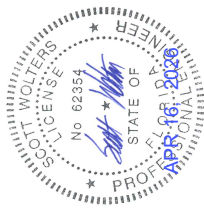
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TAMPA, FL 33566
888-742-3033

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SEAL:

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1962



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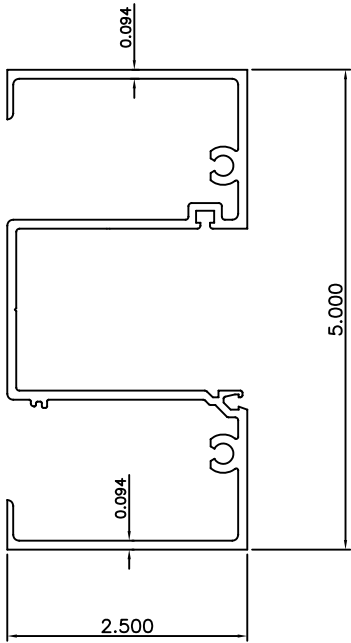
BILL OF MATERIALS

BILL OF MATERIAL						
ITEM NO	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1	795	SILICONE	VARIABLE SPACE	SILICONE	DOW CORNING	USED AT PERIMETER
2	JST-1	SM 5601 SEALANT TAPE	.062 X 0.500	BUTYL	SCHNEE-MOREHEAD	USED FOR INTERNAL JOINT SEALS
3	SFG1	GLAZING GASKET	.197 SPACE	EPDM ASTM-C 864	GRP	
4	SFG14	SPACER	.250 SPACE	EPDM ASTM-C 864	GRP	
5	SB14	SETTING BLOCK	0.625 X 1.188 X 4.00 LONG	EPDM ASTM-C 864	GRP	POSITION AT QUARTER POINTS
6	WD1	WATER DEFLECTOR	1.343 X 1.343 X .040 X 1.335 LONG	ABS PLASTIC	JDC ALUMINUM	POSITION 1 AT EA. END OF ITEM #17
7	ED519-2	SUBSILL END DAM	5.250 X 3.00 X .062	6063-T6 ALUM	JDC ALUMINUM	ONE AT EACH END
8						
9	MC1	MULLION CAP CAULK STOP	2.500 X 0.750 X 0.062	6063-T6 ALUM	JDC ALUMINUM	AT TOP OF VERTICAL MULLIONS
10	CS501	CAULK STOP	1.102 X 0.340 X 0.063	6063-T6 ALUM	JDC ALUMINUM	
11	DOWSIL 995	STRUCURAL SILICONE	VARIABLE SPACE	SILICONE	DOW CORNING	
12	SF551	HEAD/JAMB	2.500 X 5.000 X .094	6063-T6 ALUM	JDC ALUMINUM	
13	SF552	INTER. HORIZONTAL/SILL	2.500 X4.980 X 0.094	6063-T6 ALUM	JDC ALUMINUM	
14	SF553	GLASS STOP	1.390 X 1.584 X 0.078	6063-T6 ALUM	JDC ALUMINUM	
15	SF554	VERTICAL MULLION	2.500 X 5.000 X 0.094	6063-T6 ALUM	JDC ALUMINUM	
16	SF555	MULLION POCKET FILLER	1.392 X 4.656 X 0.094	6063-T6 ALUM	JDC ALUMINUM	
17						
18						
19	SF539	SUBSILL	2.500 X 5.406 X .070	6063-T6 ALUM	JDC ALUMINUM	
20	X27	FASTENER	#6 X 3/8" PPH #2 SD	STAINLESS STEEL	VARIES	ATTACH ITEM #7 TO ITEM #19
21	X14	SPLINE SCREW	#1/4" X 1 1/2" HWH TYPE F	STAINLESS STEEL	VARIES	SPLINE SCREW
22	X38	FASTENER	#10-24 X 3/8" HWH	STAINLESS STEEL	VARIES	FOR ATTACHING STL REINFORCING
23						
24	X36	FASTENER	#12-14 X 1 1/2" FHP TEK 3	ZINC PLATED	VARIES	2" AND 4" FROM JAMBS AND FROM EACH SIDE OF MULLIONS.
25	SR10	STEEL REINFORCING	1.375 x 4.25 x .164" x 119.5 LONG	A36 STEEL	VARIES	

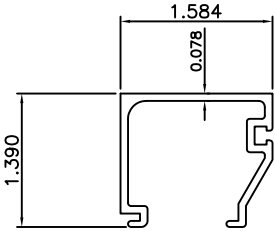
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SF550 SERIES STOREFRONT SYSTEM

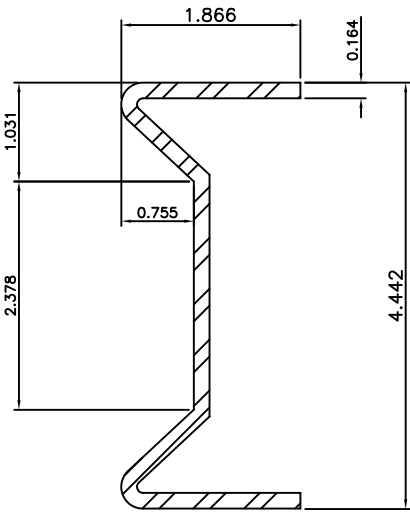
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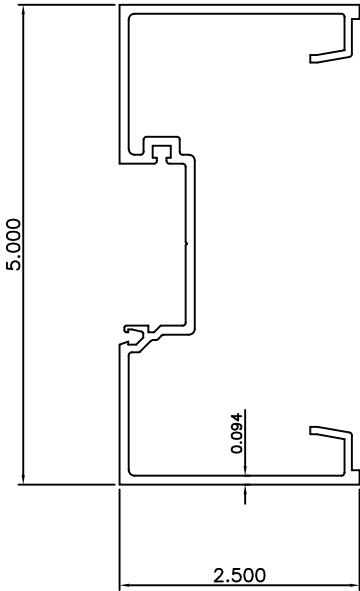
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SF551
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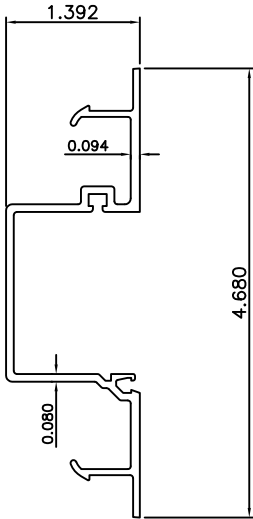
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SF553
GLASS STOP



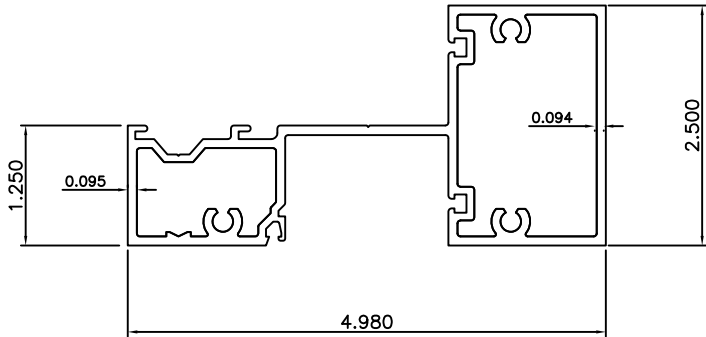
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SR10 STEEL
REINFORCING



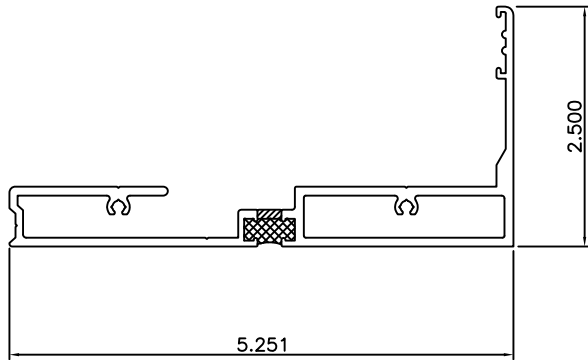
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SF554
VERTICAL
MULLION



16
SF555
MULLION
FILLER



13
SF552
HORIZONTAL
AND SILL



19
SF539
SUBSILL

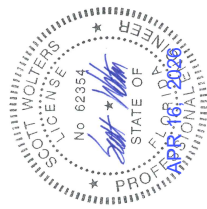


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DWG: SF550-HZ
SHEET: 7/8

SEAL:

SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1962



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1	1ST SUBMITTAL

REV.#	DATE
1	2/16/26

SF550 SERIES STOREFRONT SYSTEM

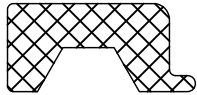
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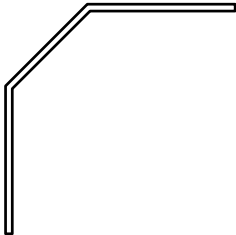
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SFG1
GLAZING
GASKET



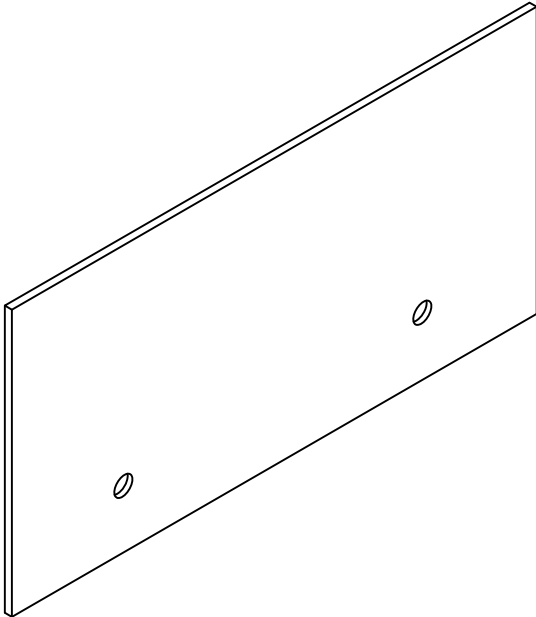
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SFG14
SPACER



5
SB14
SETTING
BLOCK



6
WD
WATER DEFLECTOR



7
ED519-1
SUB SILL
END CAP



20
X27 FASTENER



21
X14 FASTENER



22
X06 FASTENER



24
X36 FASTENER



JDC ALUMINUM OF TAMPA, INC.
4166 RICE ROAD
TAMPA, FL 33566
888-742-3033

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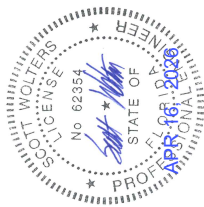
DWG: SF550-HZ

SHEET: 8/8

SEAL:

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1962



1ST SUBMITTAL	PRINTS ISSUED FOR
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