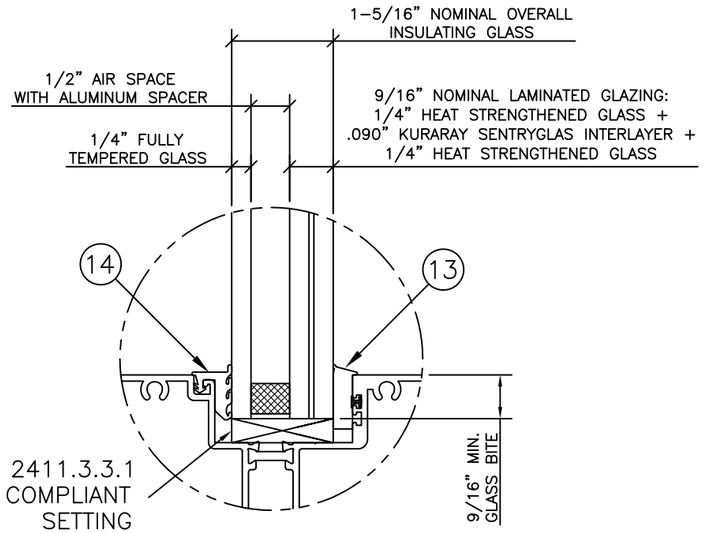
GENERAL NOTES

1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS LARGE AND SMALL MISSILE IMPACT RESISTANT, AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS).
2. THIS PRODUCT HAS BEEN TESTED TO TAS 201/202/203, AND MEETS THE REQUIREMENTS OF THE 8TH ED. (2023) FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
3. THIS PRODUCT MAY BE INSTALLED IN UNLIMITED WIDTHS PROVIDED THAT THE OVERALL HEIGHT, MULLION ON-CENTER WIDTH, AND GLAZING SIZES AS INDICATED IN THE SAMPLE ELEVATION ON SHEET 2 ARE NOT EXCEEDED.
4. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED STRUCTURAL AND CYCLIC PRESSURES.
5. THE 4/3 ALLOWABLE STRESS INCREASE FACTOR (SHORT-TERM INCREASE FACTOR) HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF ANCHORAGE INTO WOOD SUBSTRATE.
6. 1X WOOD BUCKS ARE OPTIONAL, AND IF USED, INSTALLATION OF WOOD BUCKS TO THE SUBSTRATE TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (A.H.J.). BUCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDANCE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. ADEQUACY OF THE STRUCTURE TO RECEIVE THESE LOADS SHALL BE VERIFIED BY THE CONTRACTOR OR A.H.J. ANCHOR EMBEDMENT SHALL BE FULLY INTO THE SUBSTRATE BEYOND THE WOOD BUCKS.
7. ANCHORAGE NOTES: ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH PRESSURE TREATED WOOD BUCKS AND ALL OTHER STOREFRONT MATERIALS. INSTALL ONE ANCHOR AT EACH LOCATION SHOWN IN THE ELEVATION. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN PRODUCT FRAME AND SUBSTRATE. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO THE SUBSTRATE. SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO. ON-CENTER DISTANCE BETWEEN ANY TWO INSTALLATION FASTENERS OF 3" MINIMUM SHALL BE MAINTAINED.
8. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED TO PREVENT GALVANIC REACTIONS. WOOD BUCKS, IF USED, SHALL BE PRESSURE TREATED, WITH EITHER A TREATMENT OR COATING COMPATIBLE WITH THIS PRODUCT.
9. ALL INSTALLATIONS & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, OR AS APPROVED, SIGNED, AND SEALED BY A FLORIDA-REGISTERED PROFESSIONAL ENGINEER ON A SITE-SPECIFIC BASIS.
10. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND ARE NOT ADDRESSED BY THIS DOCUMENT.



TYP. GLAZING DETAIL

		PART #		MFG.
1		16G2	FRAME HEAD	EFCO
2		16G4	GLAZING STOP COVER	EFCO
3		16G3	GLAZING STOP	EFCO
4		16H2	FRAME HORIZONTAL	EFCO
5		4G77	FRAME SILL	EFCO
6		4G79	FRAME SUB SILL	EFCO
7		16G1	FRAME JAMB	EFCO
8		16G8	FRAME VERTICAL MULLION	EFCO
9		16G9	FRAME VERTICAL MULLION FILLER	EFCO
10		SDR1	#10 TEK ASSY SCREW	PRO FAS
11		FWB0	WATER DEFLECTOR	EFCO
12		STC8	#12 ASSY SCREW	PRO FAS
13		W167	FRAME PUSH IN GASKET	CENTRAL PLASTICS
14		W146	FRAME PRE SET GASKET	CENTRAL PLASTICS
15		HEP0	SETTING BLOCKS	EPG
16		HC03	THERMAL ISOLATER (SILL)	CENTRAL PLASTICS
17		526SS	STEEL AT SCREW SPLINE VERTICAL	EFCO
18		MFM0	#10-24 X 5/16" PL-FH-MS 18-8 UC	PRO FAS
19		LAA3	THERMAL STRUT	
20			2 PART POLYURETHANE	BSAF
21			SILICONE	
22			INSTALLATION ANCHOR, SEE TBL. 1 SHT. 3	
23			NOT USED	
24		KP00	S526 END DAM PKG (NOT SHOWN)	EFCO
25		K124	THRESHOLD CLIP	EFCO
26		NP1	HD ANCHOR/STBILIZER (NOT SHOWN)	EFCO
27		M109	#12-24 x 3/8" PL-FH-MS 18-8 (not shown)	PRO FAS
28		M138	#12-24 x 1/2" PL-FH-MS 18-8 UC (not shown)	

Lucas Turner
2023.09.29
15:04:08
-05'00'

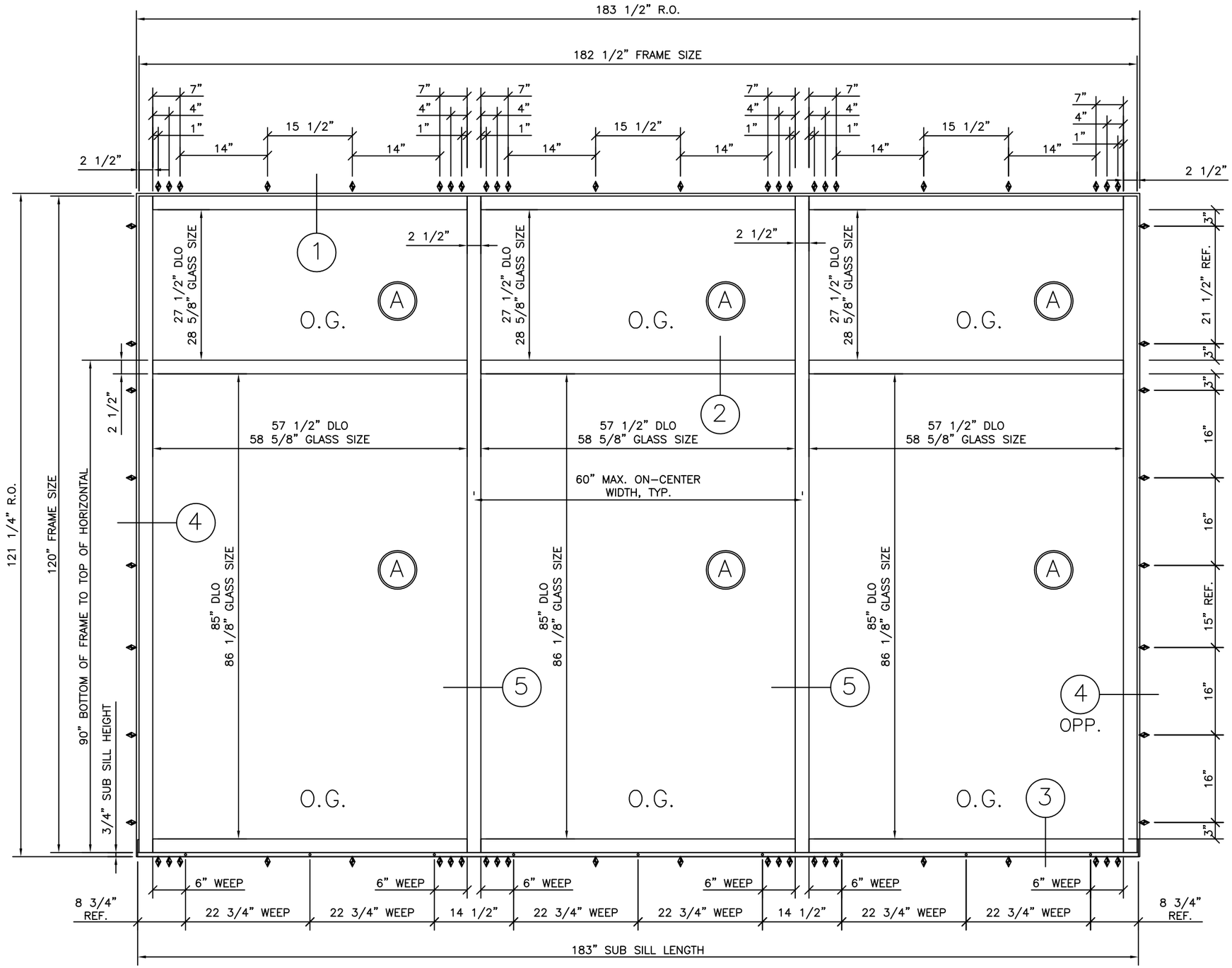
LUCAS A. TURNER LICENSE No. 58201 STATE OF FLORIDA PROFESSIONAL ENGINEER

9/29/2023
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc. Trl.
Camden, TN 38320
Ph. 941-380-1574

TABLE OF CONTENTS:

DRAWN BY Messer/LAT		SCALE NTS	REV. A: 9/29/2023, 2023 FBC UPDATE	EFCO CORPORATION 1000 County Road - Monett, Missouri 65708	S526 DRY GLAZED HVHZ IMPACT STOREFRONT D.P. +80.0/–75.0 PSF – WATER 12.0 PSF
DATE 1/27/2021					DWG# 526–DRY–LM / SHEET 1 OF 3

SERIES S526 STOREFRONT SYSTEM
DRY GLAZED HVHZ IMPACT



SAMPLE ELEVATION

DESIGN PRESSURE RATING
+80/−75 PSF

LARGE AND SMALL MISSILE
IMPACT RESISTANT

GLASS SIZES:
58⅝" X 28⅝" (TYP. UPPER LITES)
58⅝" X 86⅛" (TYP. LOWER LITES)

D.L.O.:
57½" X 27½" (TYP. UPPER LITES)
57½" X 85" (TYP. LOWER LITES)

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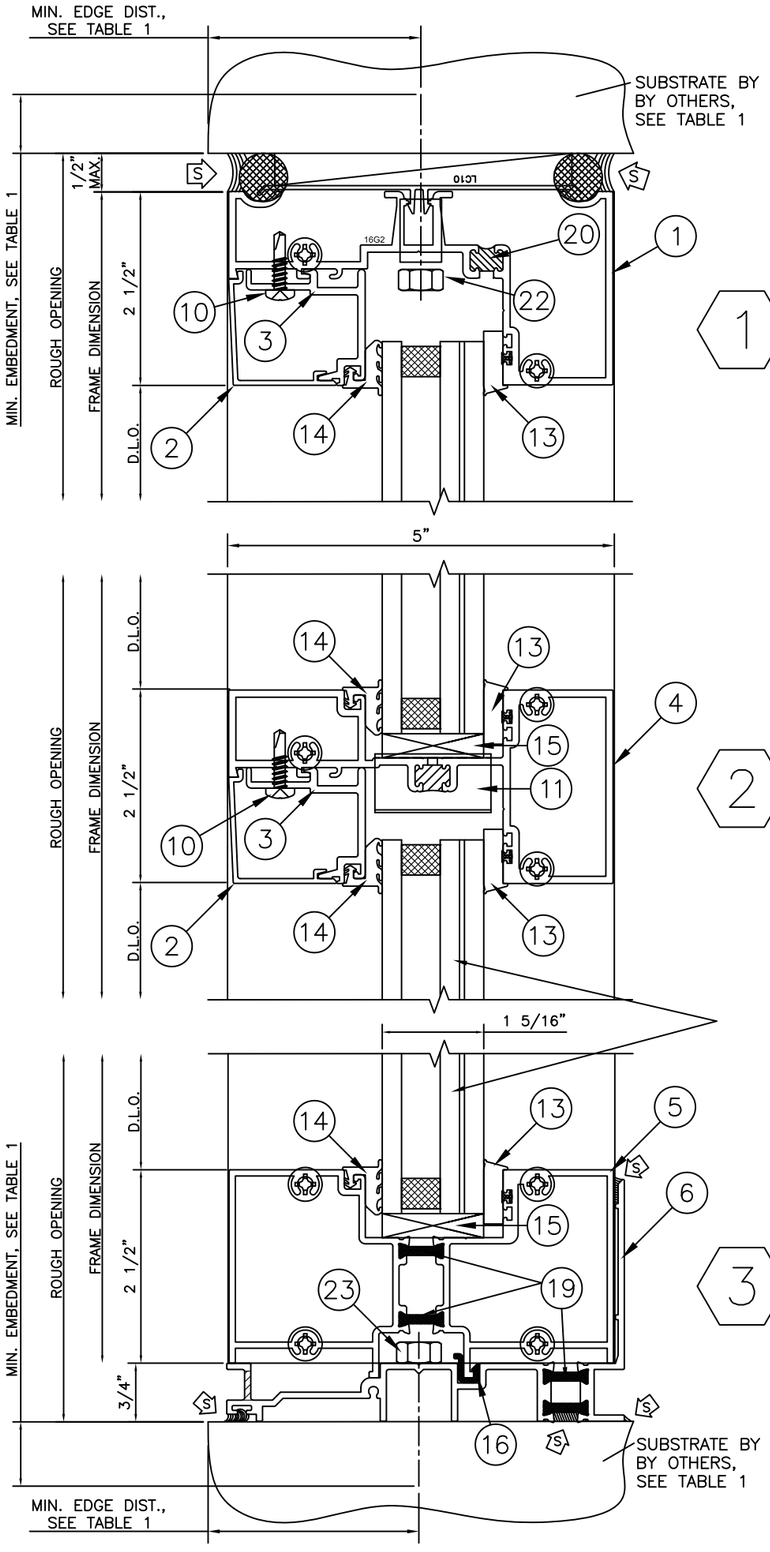
DATE 1/27/2021							

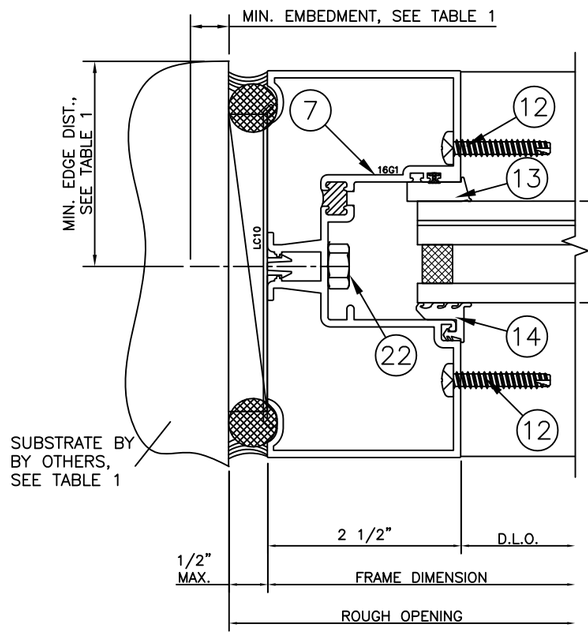
TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE			
SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
SOLID CONCRETE (2.0 KSI MIN)	3/8" POWERS TAPPER	1 3/4"	4"
WOOD (SOUTHERN PINE SG=0.55 MIN.)	3/8" GR. 2 MIN. LAG SCREW	3"	2"
16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN.	3/8–16 GR. 2 MIN. SMS	FULL, PLUS 3 THREADS BEYOND	1"



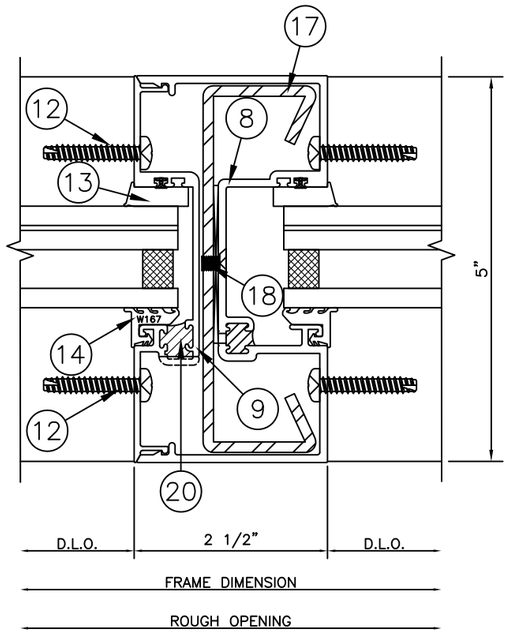
1 HEAD

2 INTERMEDIATE

3 SILL



4 JAMB



5 VERTICAL

LUCAS A. TURNER LICENSE No. 58201 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Camden, TN 38320
Ph. 941-380-1574

DRAWN BY	SCALE	REV.	EFCO CORPORATION		DWG#	SHEET
Messer/LAT	NTS	A: 9/29/2023, 2023 FBC UPDATE	1000 County Road - Monett, Missouri 65708	S526 DRY GLAZED HVHZ IMPACT STOREFRONT D.P. +80.0/–75.0 PSF – WATER 12.0 PSF	526–DRY–LM	3 OF 3
DATE 1/27/2021						