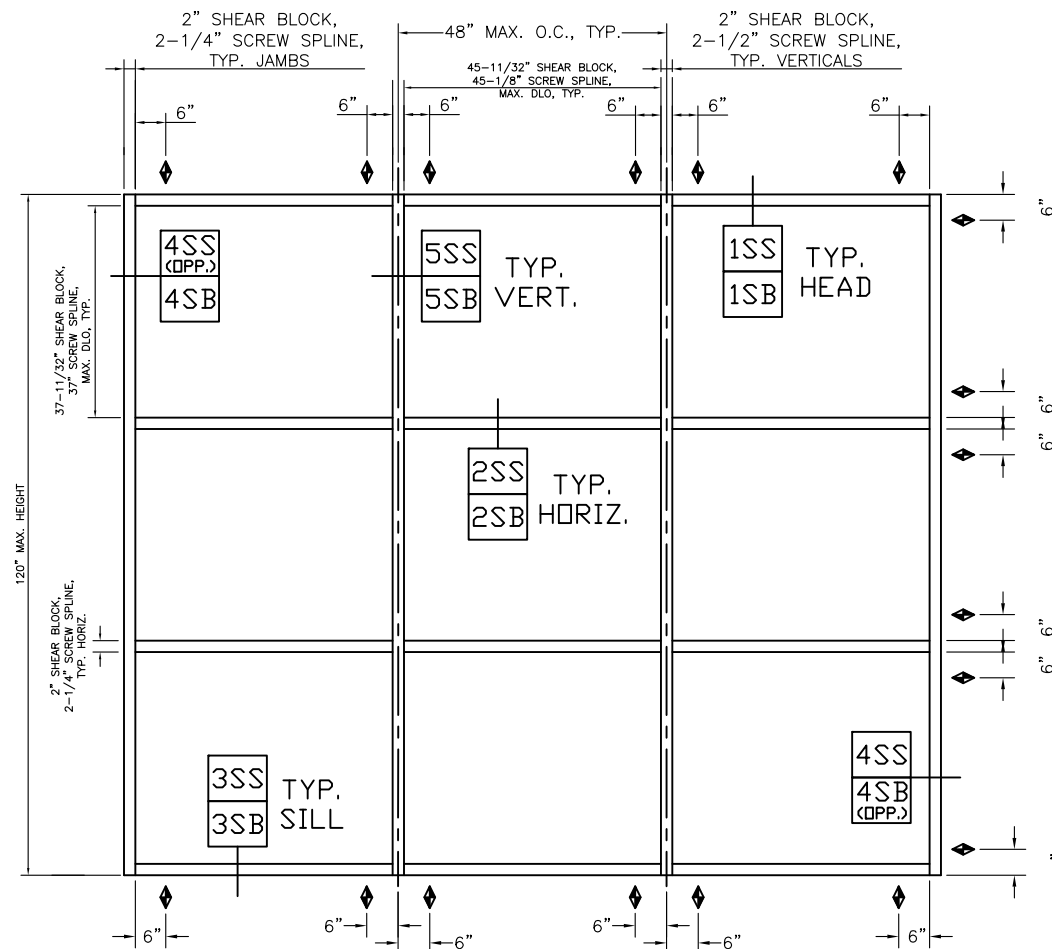
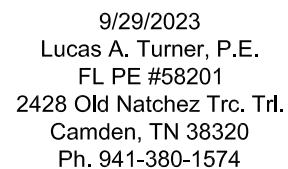
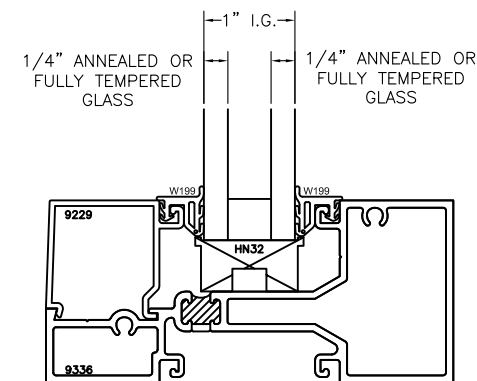


1. THIS PRODUCT, FABRICATED FROM 6063-T5 FRAMING AND ANCHORED AS DETAILED IN THIS DRAWING, IS NOT IMPACT RESISTANT, AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
2. THIS PRODUCT HAS BEEN TESTED TO ASTM E283, ASTM E330, ASTM E331, AND AAMA 501, AND MEETS THE REQUIREMENTS OF THE 8TH ED. (2023) FLORIDA BUILDING CODE FOR USE OUTSIDE 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 1 ARE NOT EXCEEDED.
4. THE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED STRUCTURAL PRESSURES.
5. THE 4/3 ALLOWABLE STRESS INCREASE FACTOR (SHORT-TERM INCREASE FACTOR) HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM.
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 AT HEAD AND JAMB, AND TWO ANCHORS AT EACH LOCATION SHOWN IN THE THE ELEVATION AT THE SILL. 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.



ELEVATION

ASSEMBLY METHOD	DESIGN PRESSURE RATING	IMPACT RATING
SCREW SPLINE	+40/-40 PSF	NONE
SHEAR BLOCK	+35/-35 PSF	



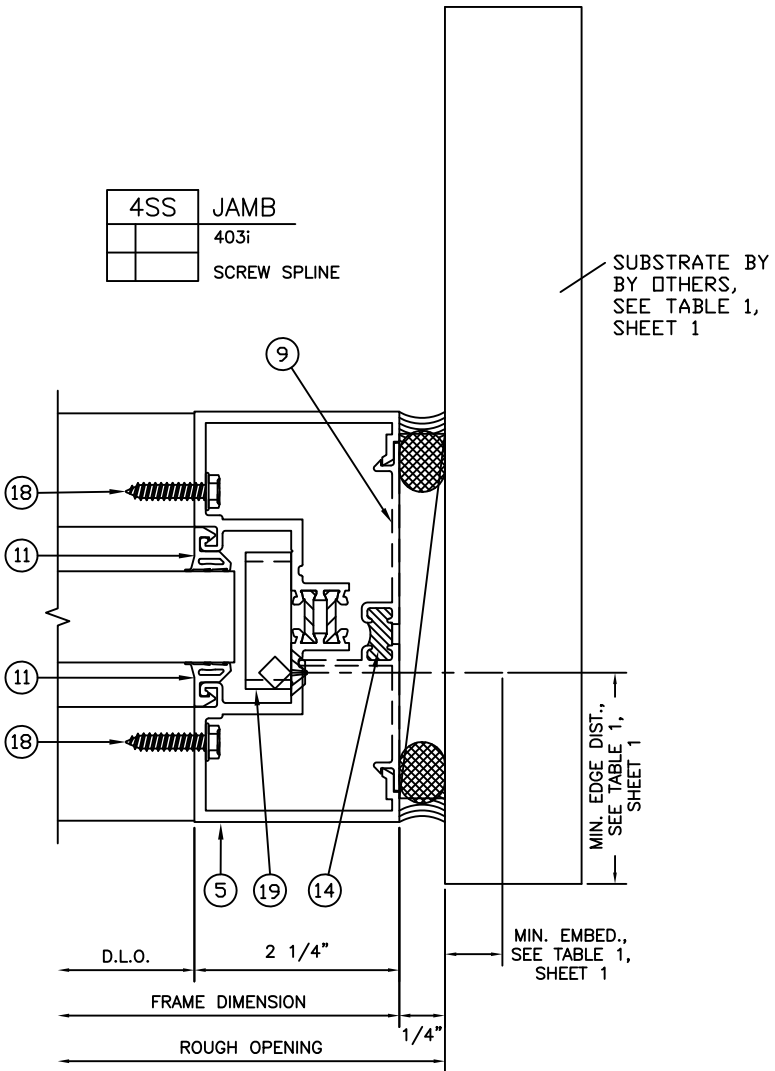
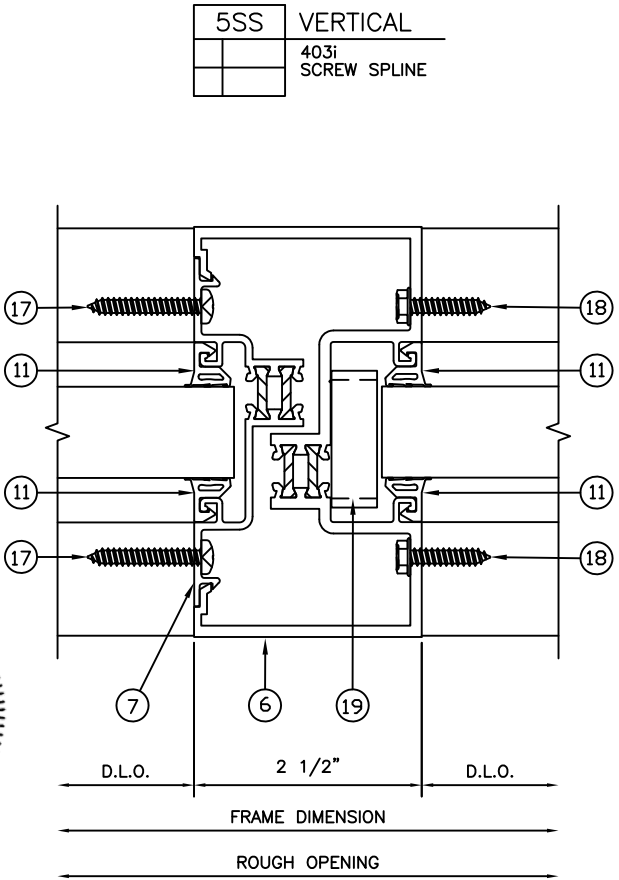
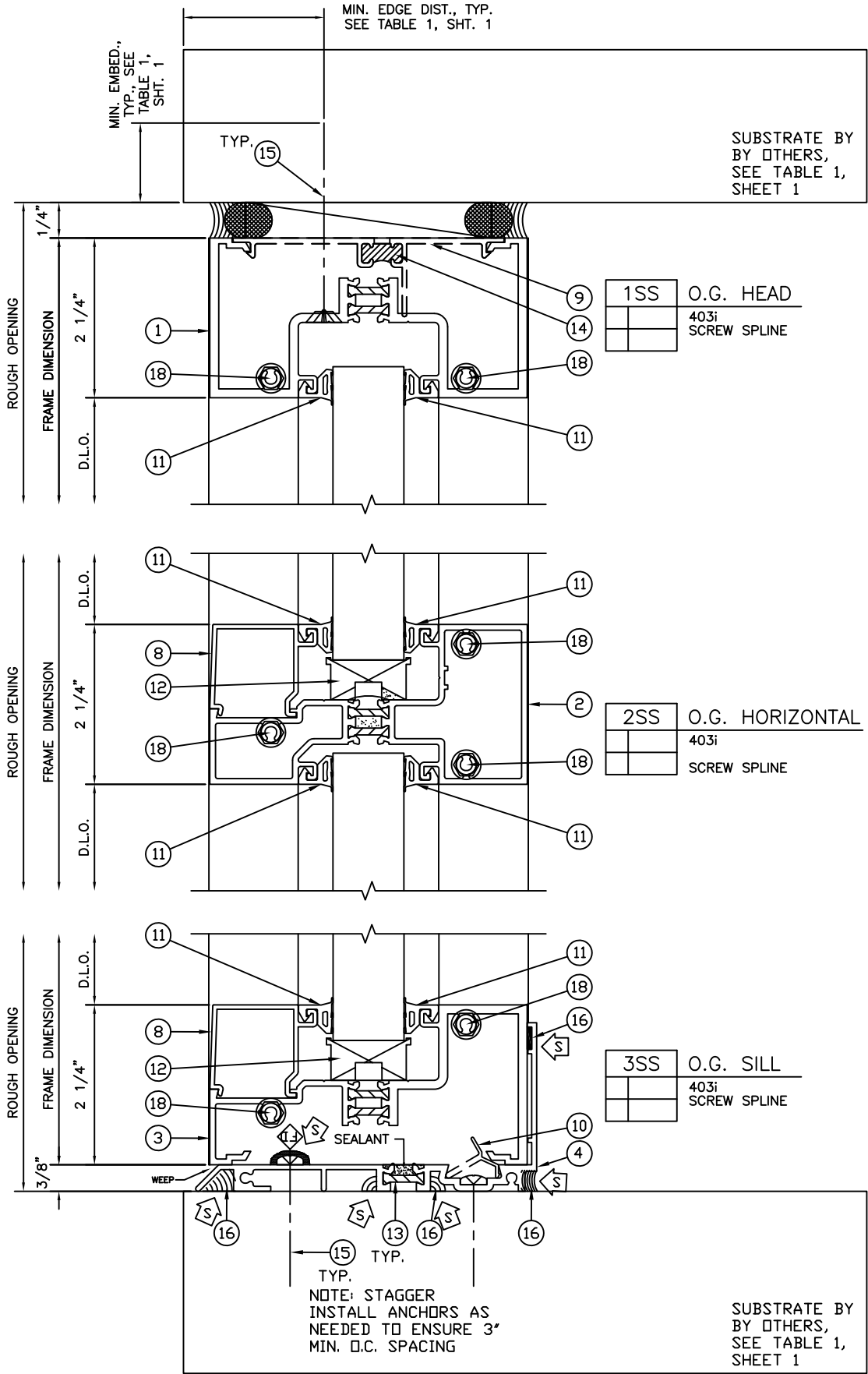
TYPICAL GLAZING

TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE

TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE			
SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
CONCRETE (3.05 KSI MIN.)	1/4" DEWALT ULTRACON+	1-3/4"	2-1/2"
JAMBS ONLY: CMU MASONRY (ASTM C-90)	1/4" DEWALT ULTRACON+	1-1/4"	2-1/2"
2X MIN. SOUTHERN PINE WOOD (G=0.55 MIN.)	#14 GRADE 5 WOOD SCREW	1-3/4"	2"
16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN., OR 1/8" ALUM. 6063-T5 MIN.	1/4" HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	FULL, PLUS 3 THREADS BEYOND	1/2"

* ANCHORAGE TO WOOD IS AS-TESTED
(PROVIDING 1.5X FACTOR OF SAFETY)

ITEM	PART #	DESCRIPTION
1	1G33	HEAD
2	1G18	INTERMEDIATE HORIZONTAL
3	1G31	SILL
4	1G64	SILL FLASHING
5	1G25	JAMB
6	1G29	INTERMEDIATE VERTICAL
7	1G28	GLAZING ADAPTOR
8	9229	GLAZING STOP
9	FT84	ADAPTOR CLIP 9294 @ 3'
10	F098	FLASHING CLIP 9949 @ 3'
11	W199	GLAZING GASKET
12	HN32	SETTING BLOCK
13	LAA3	THERMAL STRUT
14	----	POLYURETHANE
15	----	INSTALL. ANCHOR, SEE TBL 1, SHT 1
16	----	SILICONE SEALANT
17	STT0	#10-12 X 1 1/4 PL-PH-SMS
18	STV6	#10-12 X 7/8 HW-SMS 18-8 A
19	HN52	ANTI WALK BLOCK @ DEEP POCKET



9/29/2023
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EFCO CORPORATION
1000 County Road - Monett, Missouri 65708

SERIES 403 ALUMINUM STOREFRONT

DWG#
FPA-403

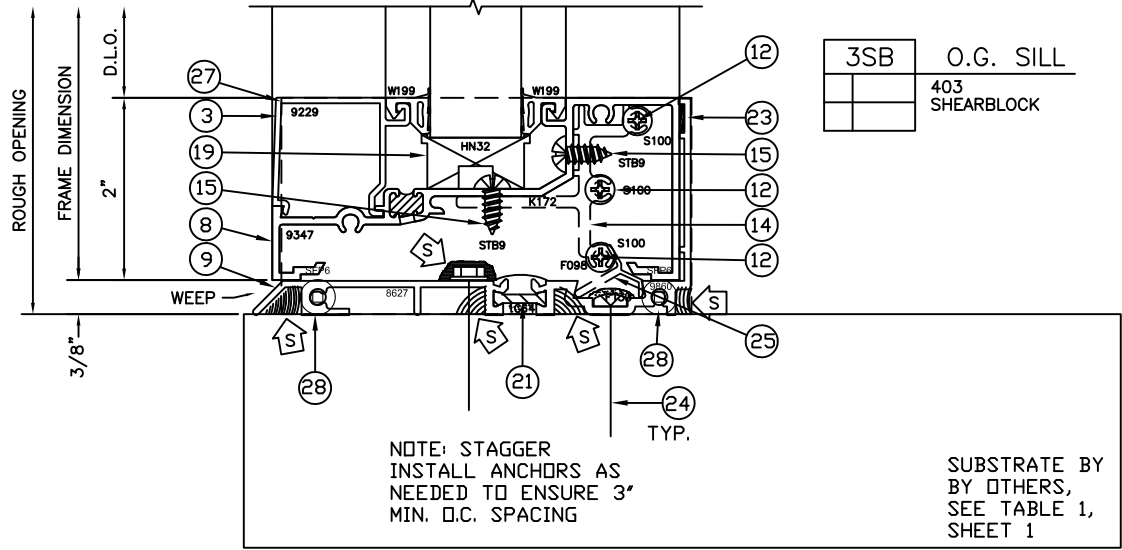
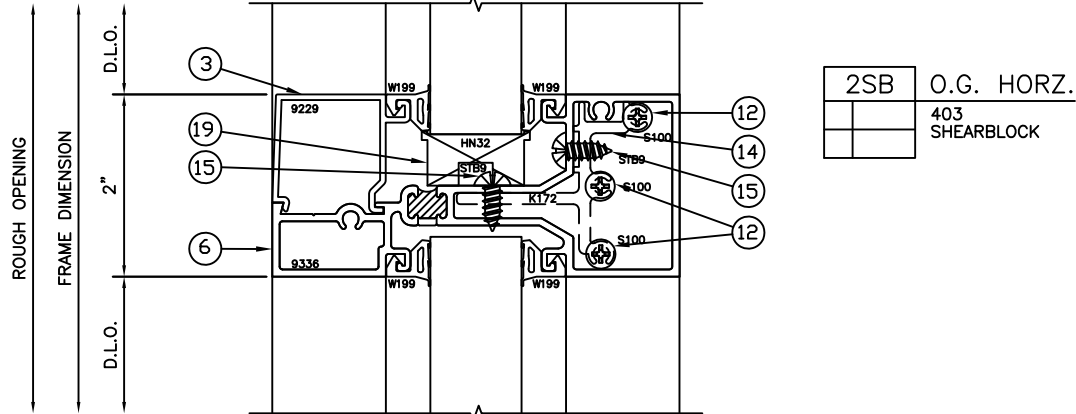
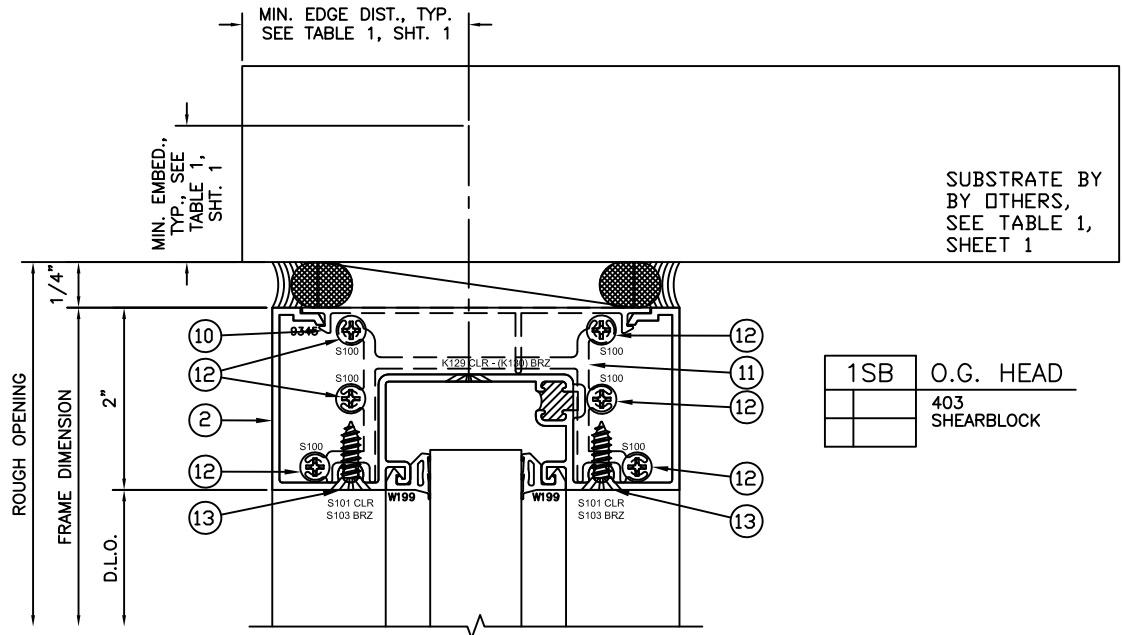
SHEET
2 of 3

DRAWN BY TKEE/LAT
DATE 6/26/2023

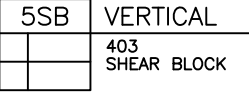
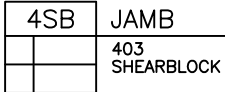
SCALE
NTS

REV.
A: 9/29/2023, 2023 FBC UPDATE

ITEM	PART #	DESCRIPTION
1	9347	IG HEAD
2	9345	OG HEAD
3	9229	GLAZING STOP
4	9320	OPEN BACK VERTICAL
5	9322	VERTICAL MULL
6	9336	HORIZONTAL
7	9345	IG SILL
8	9347	OG SILL
9	1G64	SILL FLASHING
10	L132	PERIMETER ADAPTOR
11	FV08	SHEAR BLOCK 9276 @ 1.25"
12	S100	#8-15 X 1 3/4 SQ-PH-SMS ZC A
13	S101	#12-11 X 3/4 PL-FH-SMS 18-8 A
14	F092	SHEAR BLOCK 9340 @ 1.25"
15	STB9	#12-11 X 1/2 SQ-RH-SMS 18-8 A
16	W199	GLAZING GASKET
17	HNA4	SETTING BLOCK @ IG SILL
18	HN92	SETTING BLOCK @ IG HORIZONTAL
19	HN32	SETTING BLOCK @ OG SILL/HORIZONTAL
20	HN52	ANTI WALK BLOCK @ DEEP POCKET
21	LAA3	THERMAL STRUT
22	----	POLYURETHANE
23	----	SILICONE SEALANT
24	----	INSTALL. ANCHDR, SEE TBL 1, SHT 1
25	F098	FLASHING CLIP 9949 @ 3"
26	HWJ1	WATER DEFLECTOR
27	FT33	END DAM
28	SFP6	#8-15 X 1/2 SQ-TH-SMS 18-8 A



SUBSTRATE BY BY OTHERS, SEE TABLE 1



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