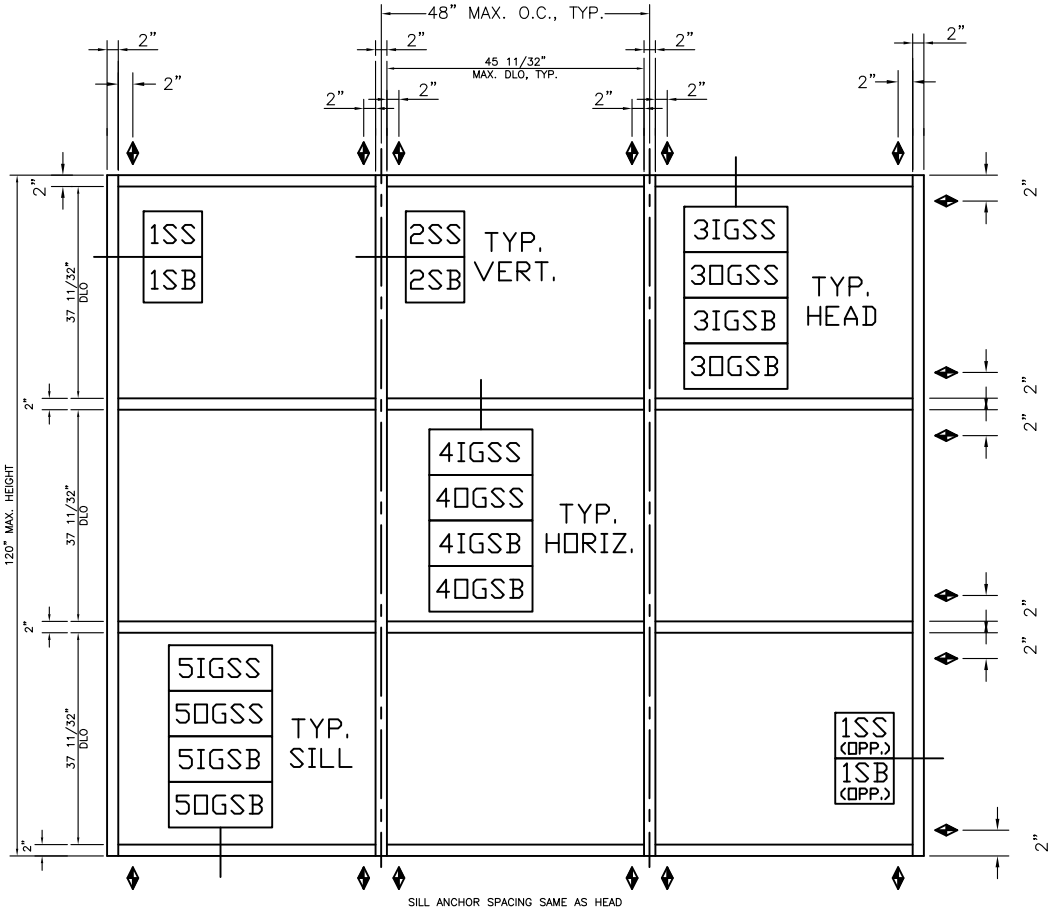


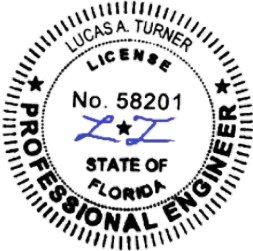
GENERAL NOTES

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. 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.



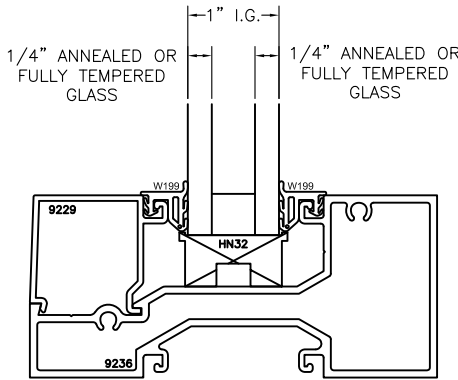
ELEVATION

ASSEMBLY METHOD	DESIGN PRESSURE RATING	IMPACT RATING
SCREW SPLINE	+40/-40 PSF	NONE
SHEAR BLOCK	+45/-45 PSF	



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SERIES 402 STOREFRONT SYSTEM
DRY GLAZED NONIMPACT

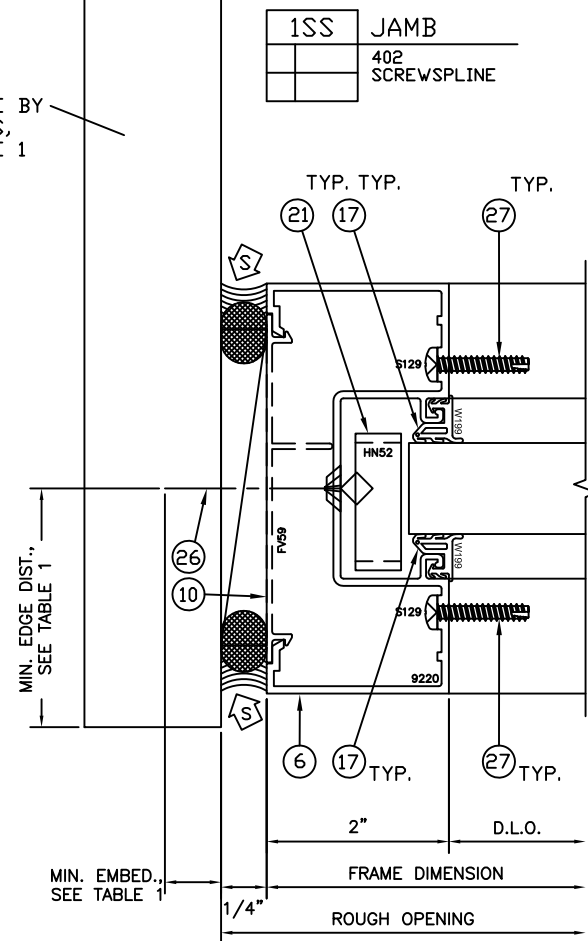


TYPICAL GLAZING

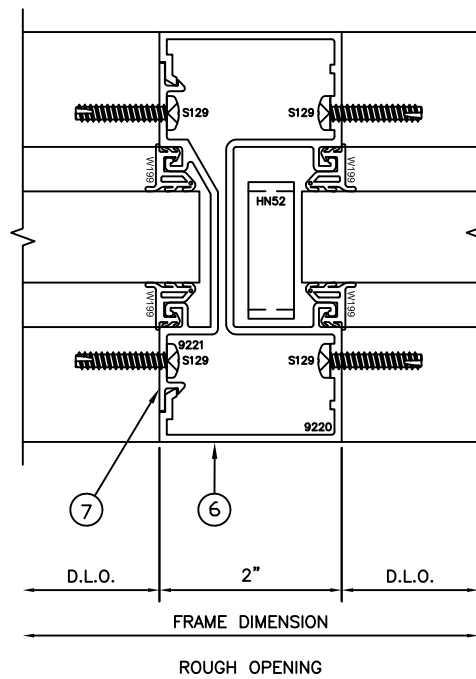
ITEM	PART #	DESCRIPTION
1	9245	OG HEAD
2	9236	HORIZONTAL
3	9247	OG SILL
4	9247	IG HEAD
5	9245	IG SILL
6	9220	VERTICAL MULL
7	9221	OPEN BACK ADAPTOR
8	8433	SILL FLASHING
9	9229	HORIZONTAL STOP
10	L132	PERIMETER ADAPTOR
11	F098	FLASHING CLIP 9949 @ 3"
12	F093	SHEAR BLOCK 9279 @ 1.25"
13	FV08	SHEAR BLOCK 9276 @ 1.25"
14	S100	#8-15 X 1 3/4 SQ-PH-SMS ZC A
15	S101	#12-11 X 3/4 PL-FH-SMS 18-8 A
16	STB9	#12-11 X 1/2 SQ-RH-SMS 18-8 A
17	W199	GASKET
18	HN32	SETTING BLOCK @ OG HORIZONTAL
19	HN92	SETTING BLOCK @ IG HORIZONTAL
20	HNA4	IG SETTING BLOCK @ SILL
21	HN52	ANTI WALK BLOCK @ DEEP POCKET
22	HWD1	WATER DEFLECTOR NOT SHOWN
23	FT34	END DAM
24	STC7	#6-18 X 3/8 SQ-PH-SMS 18-8 A
25	----	SILICONE SEALANT
26	----	INSTALLATION ANCHOR, SEE TABLE 1
27	S129	#10-16 X 1 SQ-PH-SMS TYPE 25

DRAWN BY	TKEE/LAT	SCALE	REV.		EFCO CORPORATION 1000 County Road - Monett, Missouri 65708	SERIES 402 ALUMINUM STOREFRONT	DWG# FPA-402	SHEET 1 of 4
DATE	6/26/2023	NTS	A: 9/29/2023, 2023 FBC UPDATE					

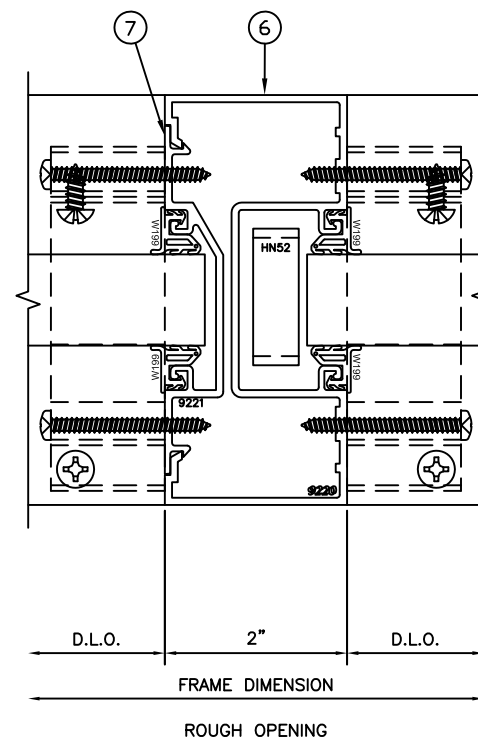
SUBSTRATE BY
BY OTHERS,
SEE TABLE 1



2SS	VERTICAL MULLION
402	SCREWSPLINE



2SB	VERTICAL MULLION
402	SHEARBLOCK



SUBSTRATE BY
BY OTHERS,
SEE TABLE 1

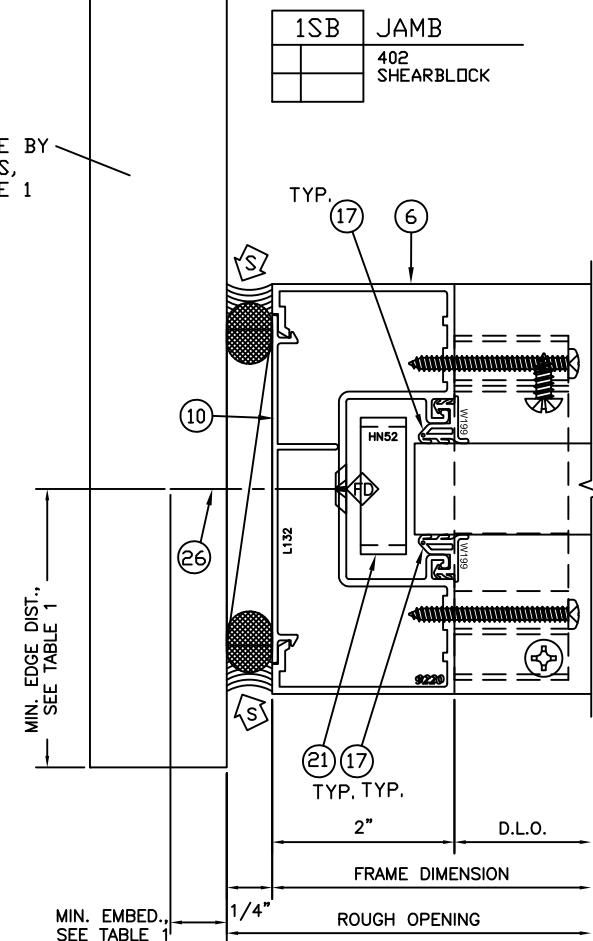
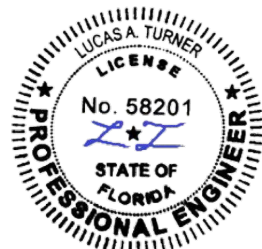


TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE

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)



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BEYOND



EFCO CORPORATION
1000 County Road - Monett, Missouri 65708

SERIES 402 ALUMINUM STOREFRONT

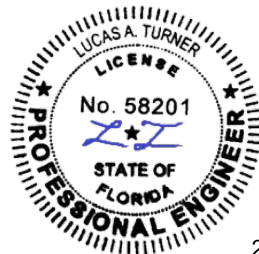
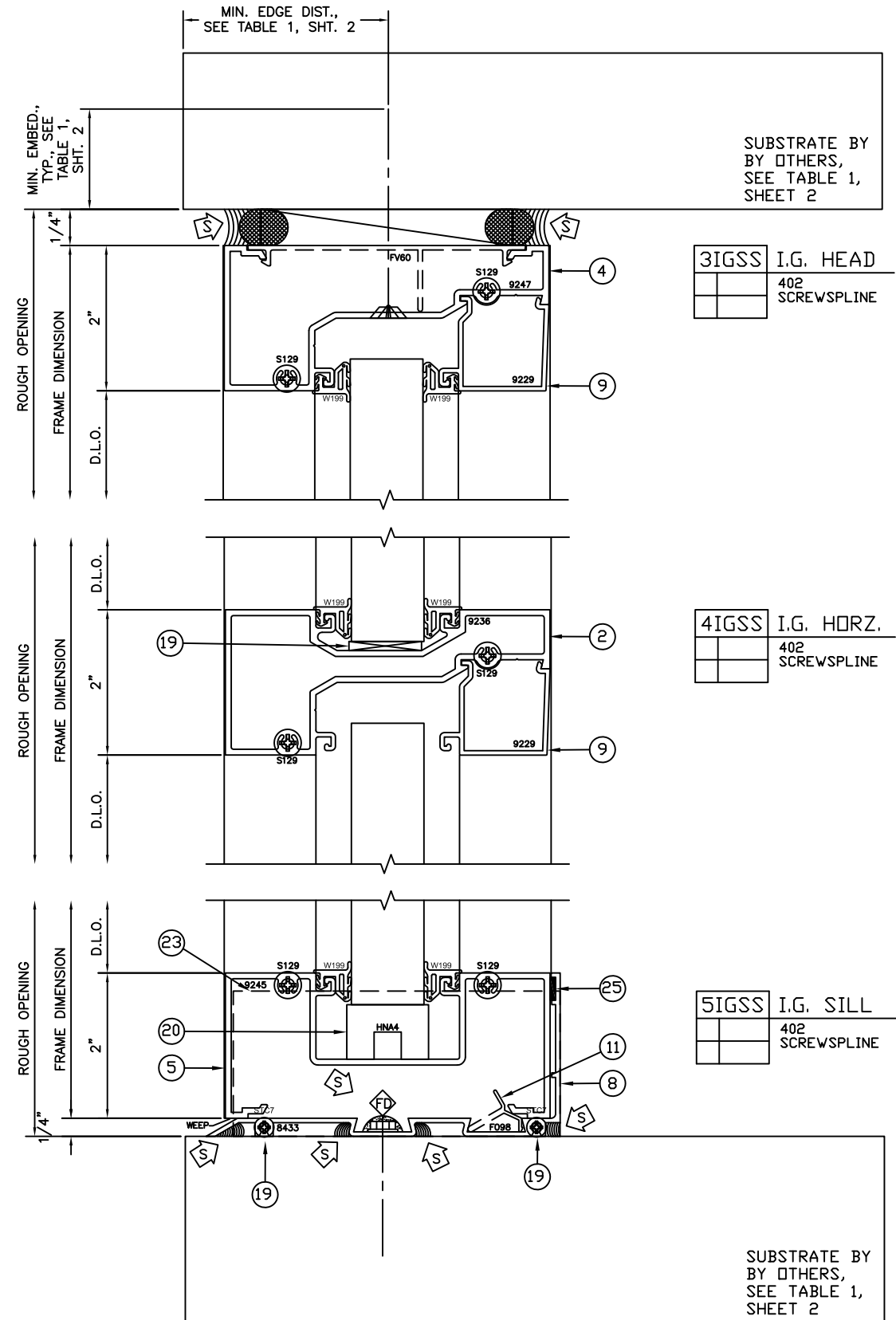
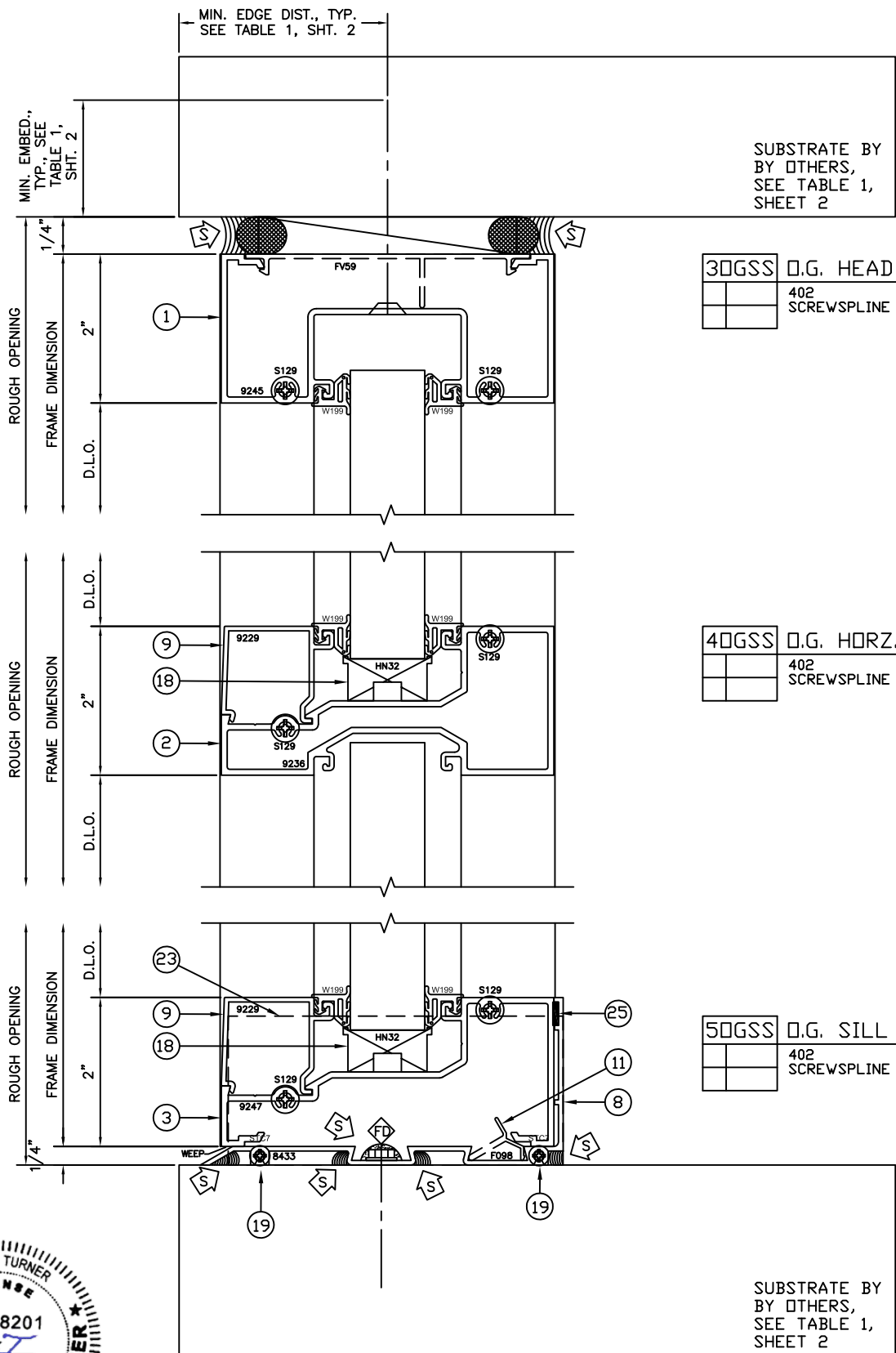
DWG#
FPA-402

SHEET
2 of 4

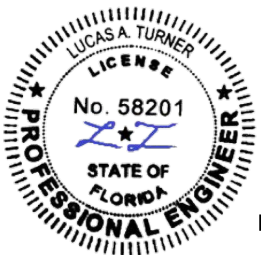
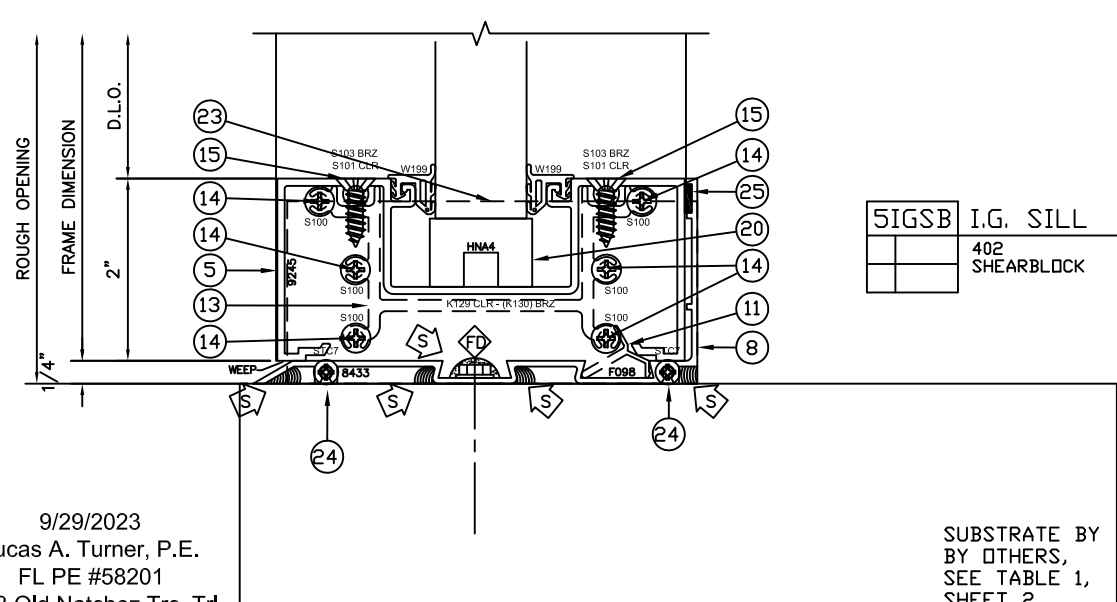
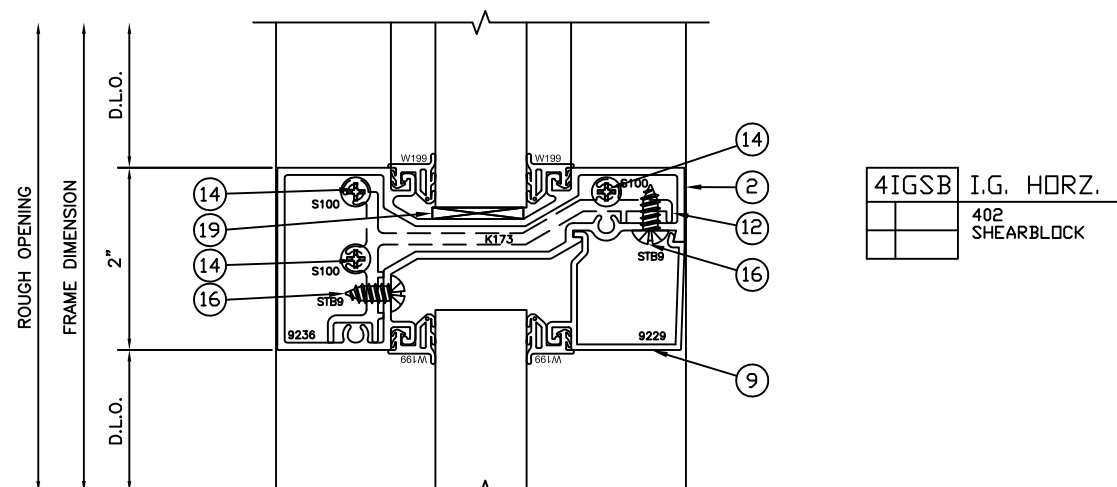
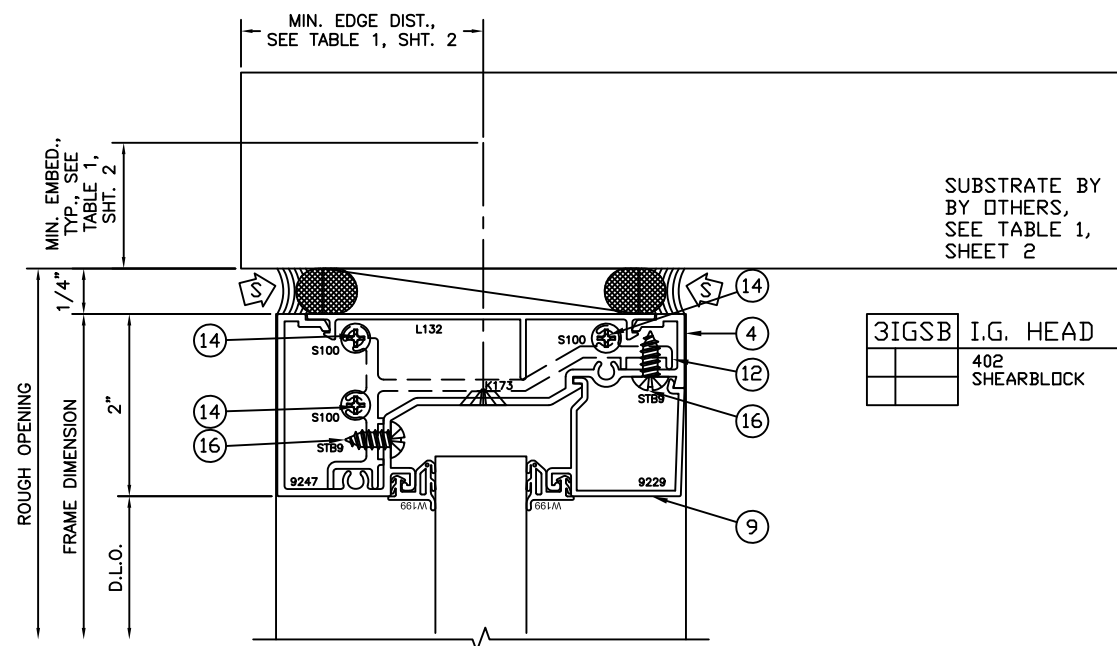
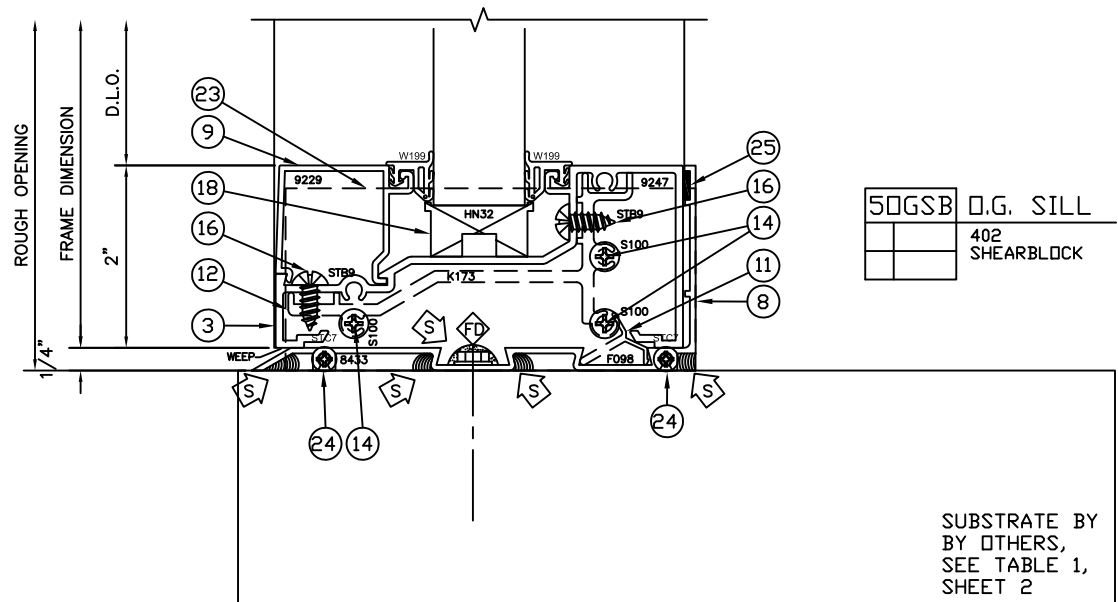
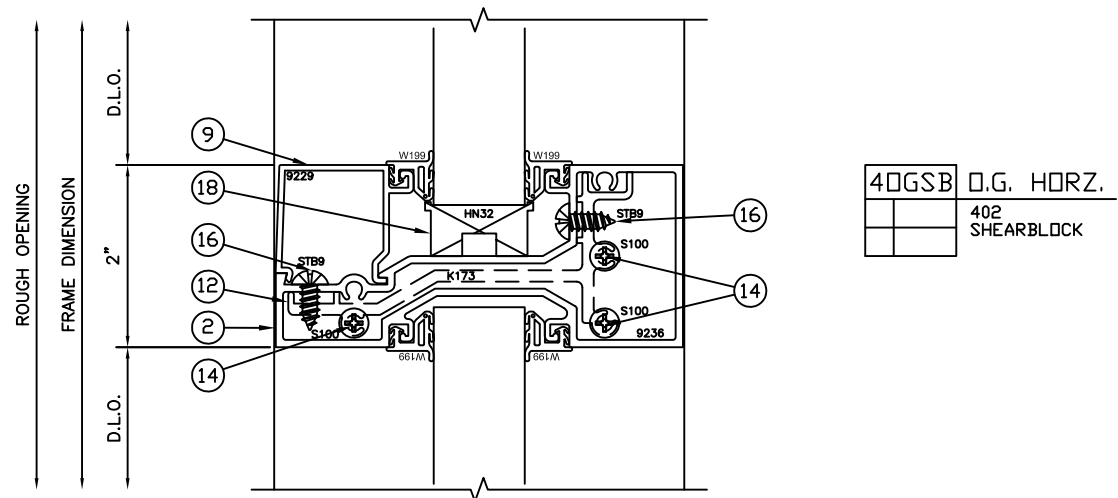
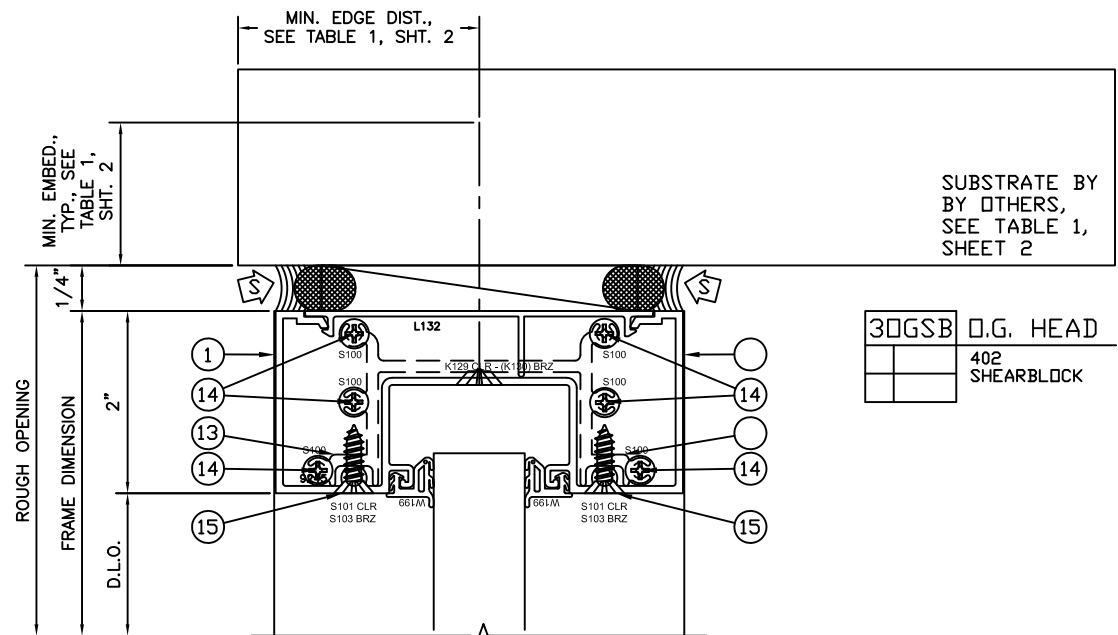
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SHEET
4 of 4

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