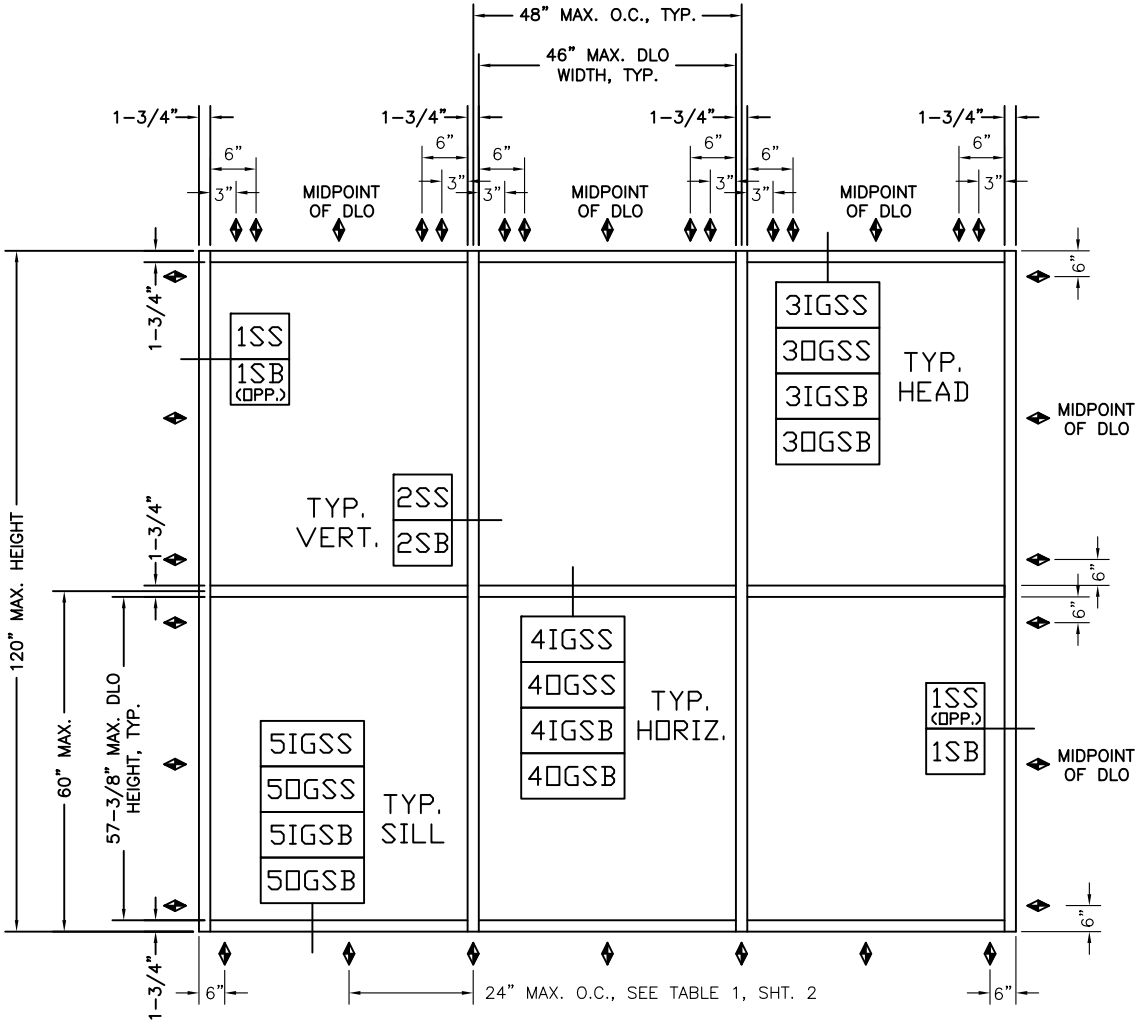


GENERAL NOTES

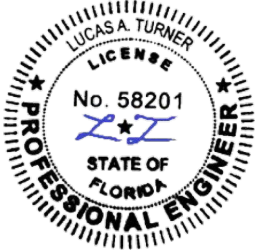
1. THIS PRODUCT, FABRICATED FROM 6063-T5 FRAMING AND ANCHORED AS DETAILED IN THIS DRAWING, IS NOT IMPACT RESISTANT, AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
2. THIS PRODUCT HAS BEEN TESTED TO ASTM E283, ASTM E330, ASTM E331, AND AAMA 501, AND MEETS THE 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.

SERIES 401 STOREFRONT SYSTEM
DRY GLAZED SINGLE-PANE NONIMPACT



ELEVATION

ASSEMBLY METHOD	DESIGN PRESSURE RATING	IMPACT RATING	REQUIRED GLAZING
SCREW SPLINE	+40/-40 PSF	NONE	1/4" FULLY TEMPERED
SHEAR BLOCK	+35/-35 PSF		



9/29/2023
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ITEM	PART #	DESCRIPTION
1	9145	OG HEAD
2	9128	OG HORIZONTAL
3	9147	OG SILL
4	9147	IG HEAD
5	9128	IG HORIZONTAL
6	9145	IG SILL
7	9129	GLASS STOP
8	9120	OPEN BACK VERTICAL / JAMB
9	8681	VERTICAL
10	9957	SILL STARTER
11	L131	PERIMETER ADAPTOR
12	F002	SHEAR BLK 9175 @ 1.25"
13	S100	#8-15 X 1 3/4 SQ-PH-SMS ZC A
14	STB9	#12-11 X 1/2 SQ-RH-SMS 18-8 A
15	FV07	SHEAR BLK 9178 @ 1.25"
16	S101	#12-11 X 3/4 PL-FH-SMS 18-8 A
17	FD98	FLASHING CLIP 9949 @ 3"
18	FT34	STARTER SILL END CAP
19	STC7	#6-18 X 3/8 SMS 18-8 A
20	W199	GLAZING GASKET
21	HN54	ANTIWALK BLOCK
22	H160	SETTING BLOCK
23	HN80	SETTING BLOCK
24	----	SILICONE SEALANT
25	----	INSTALLATION ANCHOR, SEE TABLE 1
26	9121	OPEN BACK ADAPTOR
27	S129	#10-16 X 1

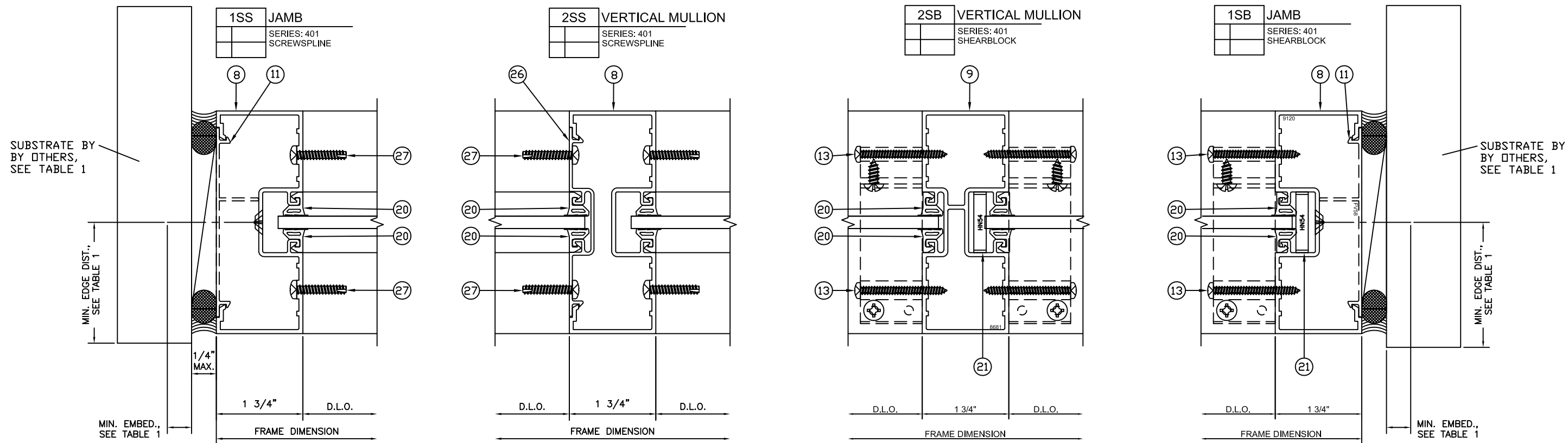
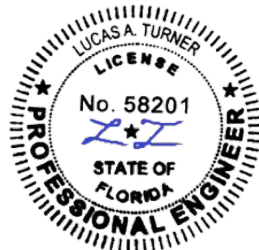


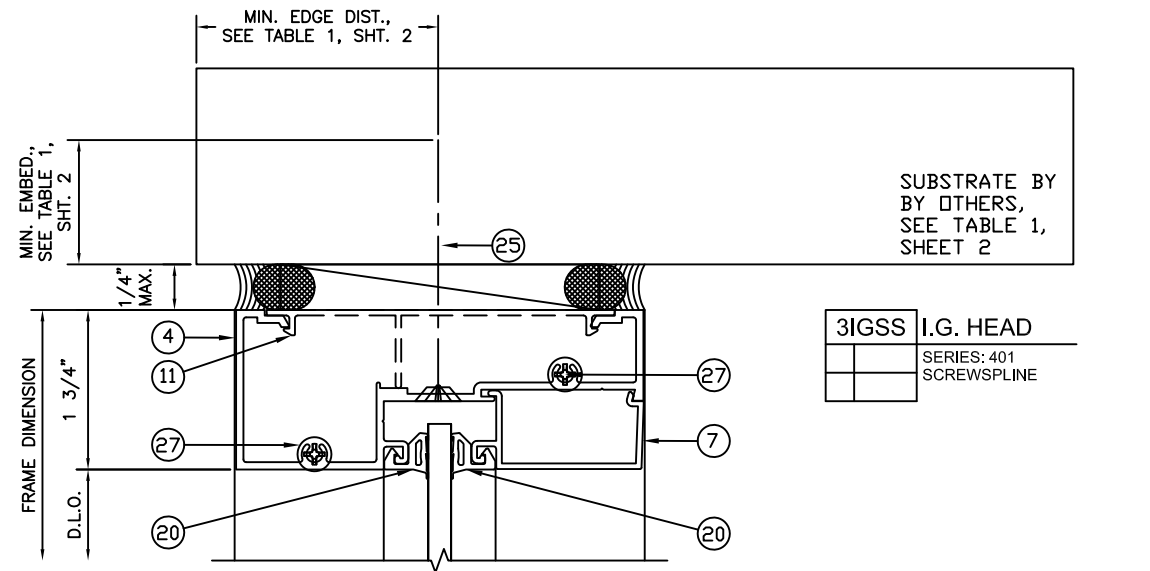
TABLE 1: INSTALLATION ANCHOR REQUIREMENTS TABLE

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"

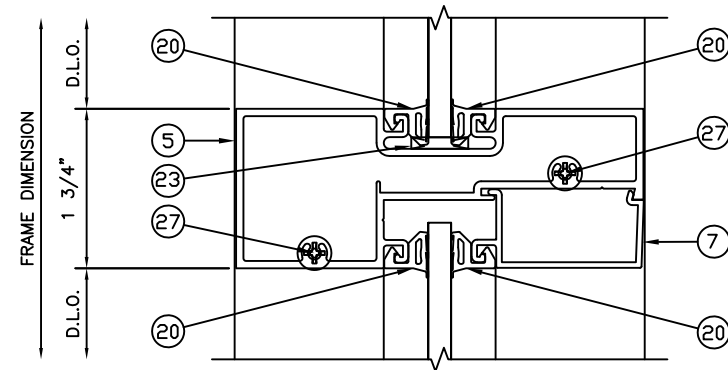
* ANCHORAGE TO WOOD IS AS-TESTED (PROVIDING 1.5X FACTOR OF SAFETY)



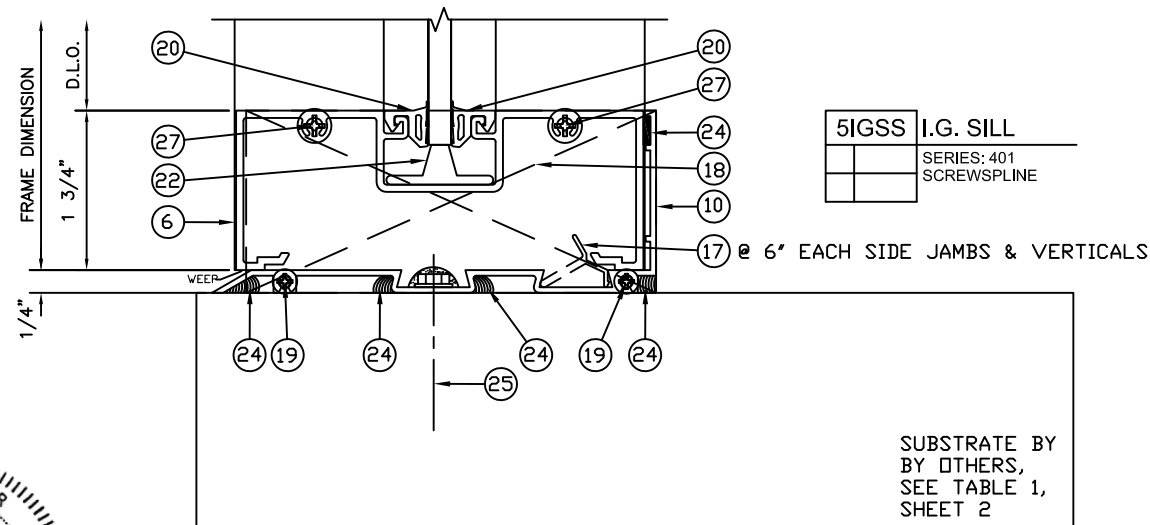
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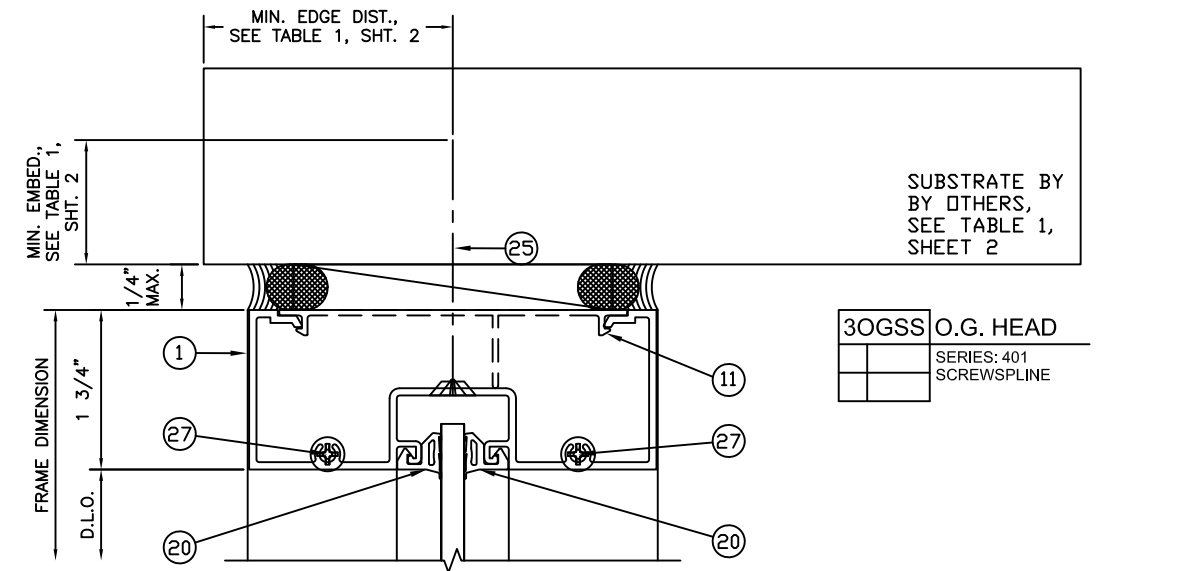
3IGSS I.G. HEAD
SERIES: 401
SCREWSPLINE



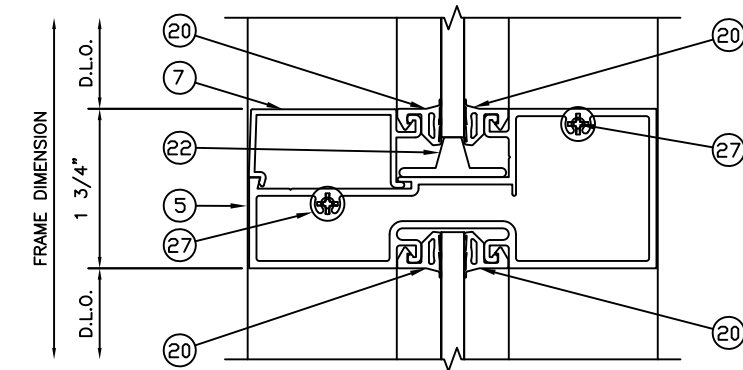
4IGSS I.G. HORZ.
SERIES: 401
SCREWSPLINE



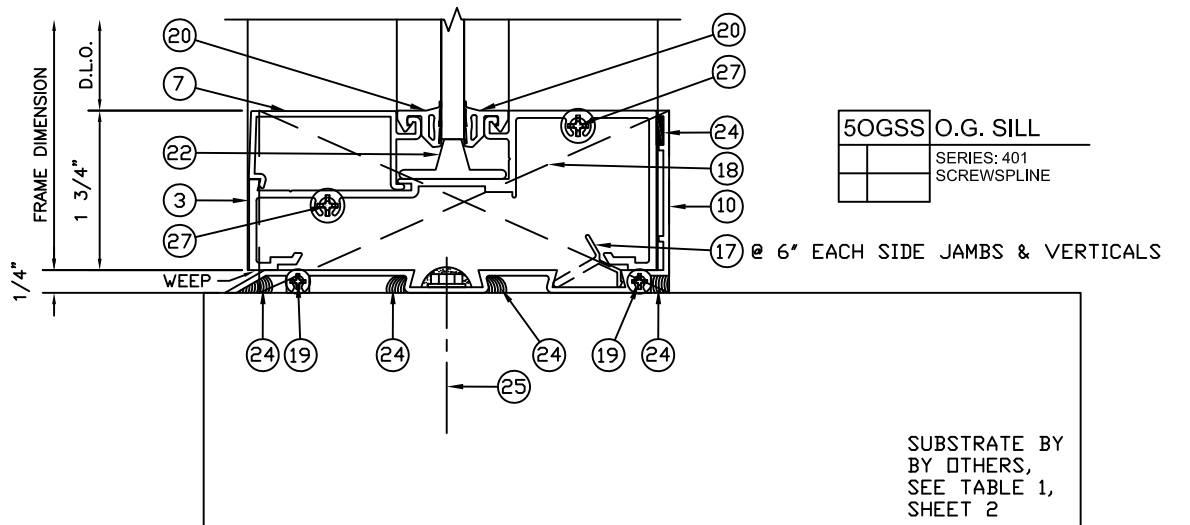
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SCREWSPLINE



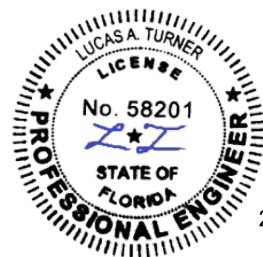
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SCREWSPLINE



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SERIES: 401
SCREWSPLINE



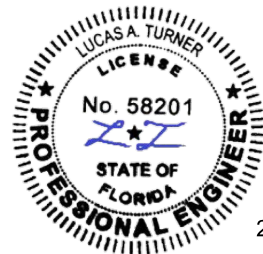
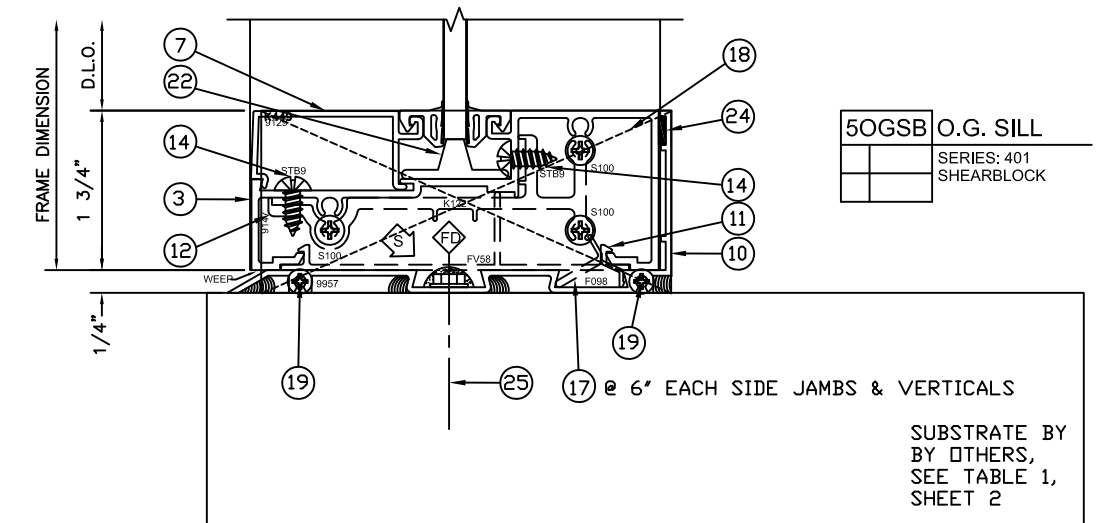
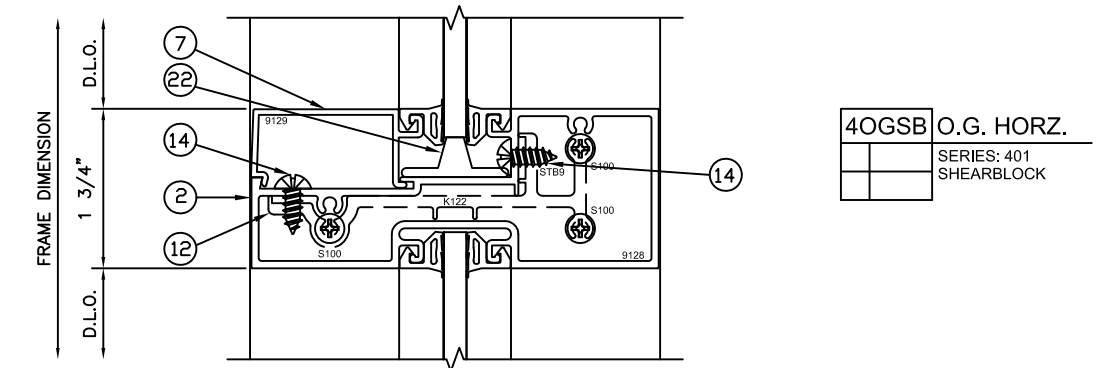
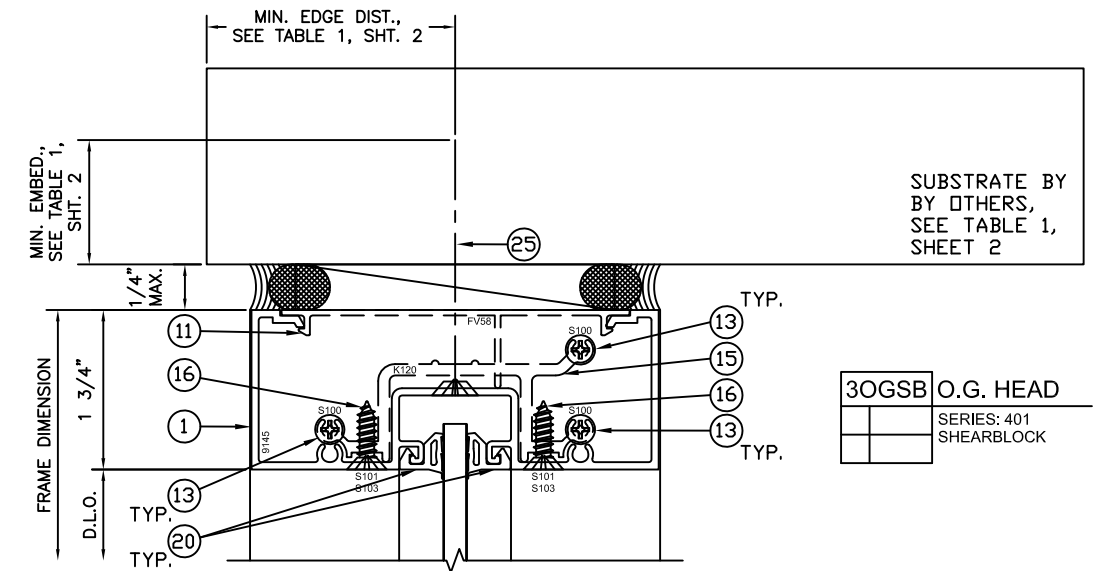
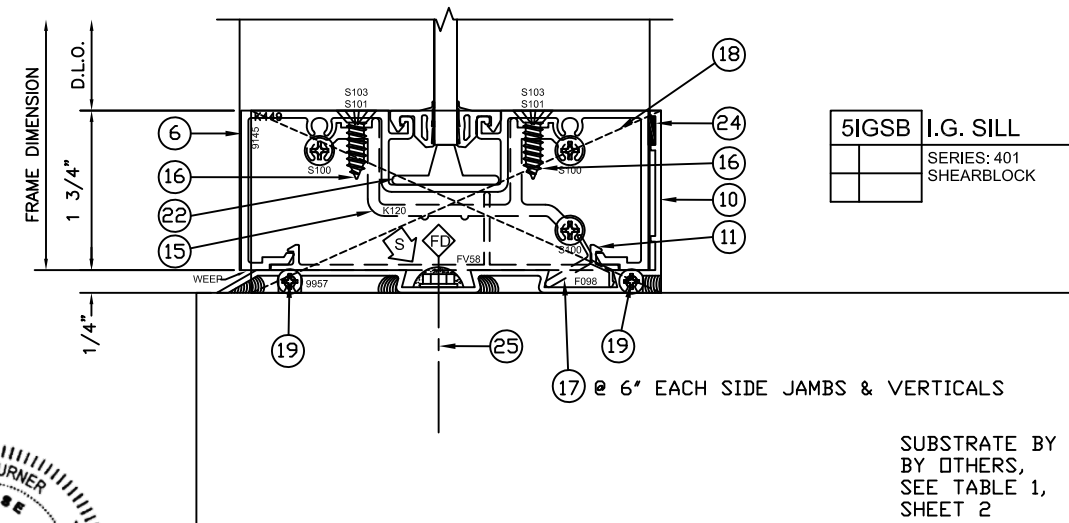
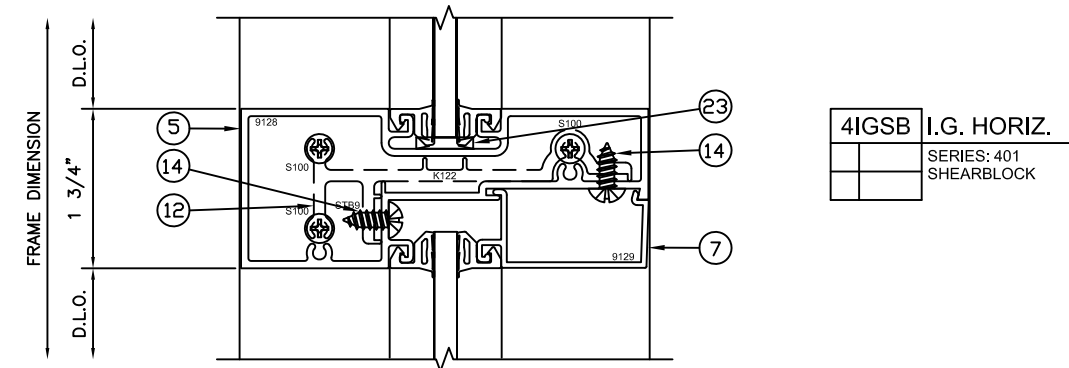
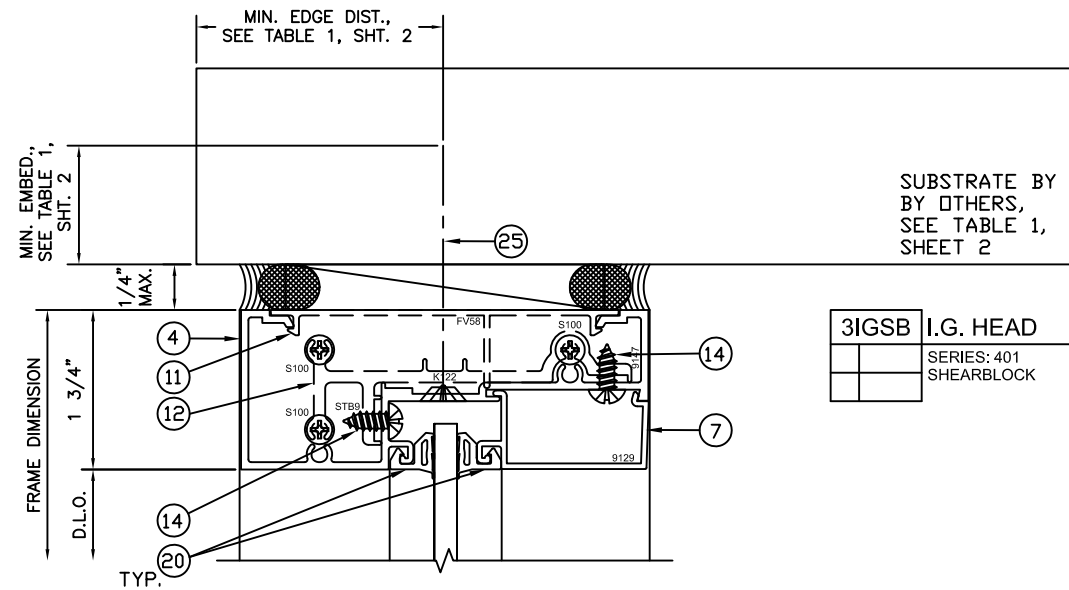
5OGSS O.G. SILL
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SUBSTRATE BY
BY OTHERS,
SEE TABLE 1,
SHEET 2

SUBSTRATE BY
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SEE TABLE 1,
SHEET 2



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