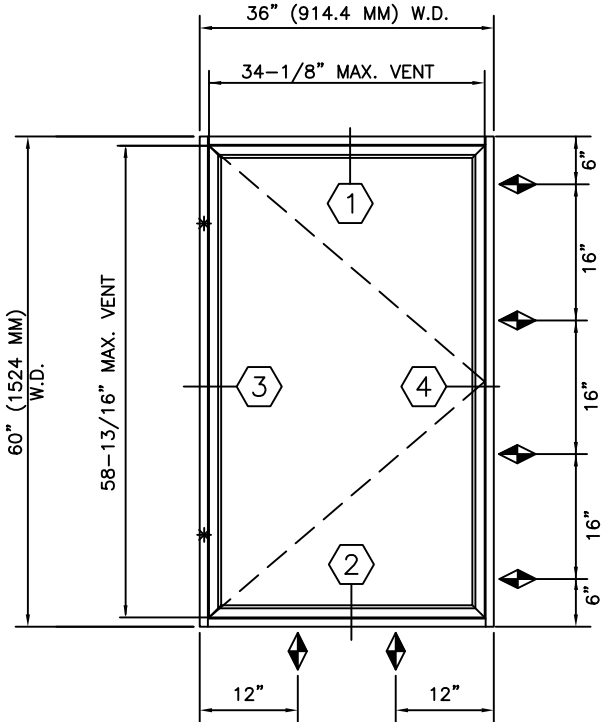


1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS NON-IMPACT, AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
2. THIS PRODUCT HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S.2/A440, AND MEETS THE REQUIREMENTS OF THE 8TH ED. (2023) FLORIDA BUILDING FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
3. TESTED CONFIGURATION IS AS NOTED IN THIS DRAWING.
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. 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 AND FASTENERS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS. INSTALL ONE F-ANCHOR AT EACH LOCATION SHOWN IN THE ELEVATION, ATTACHED TO THE OPENING SUBSTRATE WITH TWO FASTENERS PER F-ANCHOR. INSTALL 1/4" MAX. SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN F-ANCHOR AND SUBSTRATE. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO THE SUBSTRATE. SPECIFIED FASTENER EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO. ON-CENTER DISTANCE BETWEEN ANY TWO INSTALLATION FASTENERS OF 1-1/2" 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.

INSULATED GLASS DESCRIPTION

1" NOMINAL GLASS THICKNESS
1/4" ANNEALED
1/2" A.S. (INTERCEPT SPACER)
1/4" ANNEALED

MAX. DLO 29-5/8" X 55-3/4"



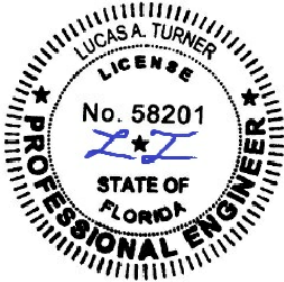
ELEVATION

- * DENOTES LOCK LOCATION
- ◊ DENOTES ANCHOR LOCATIONS

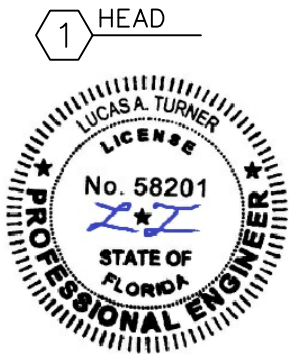
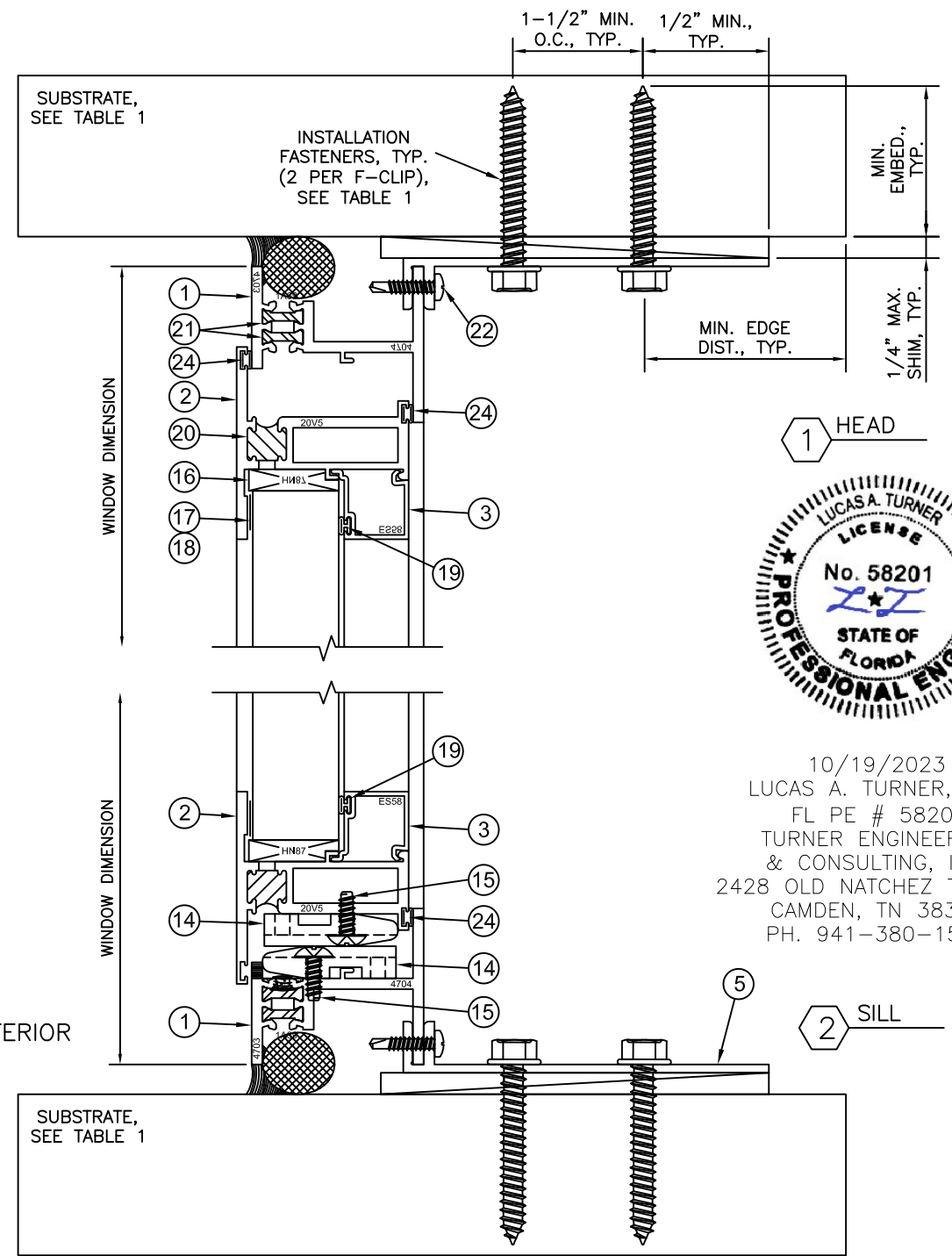
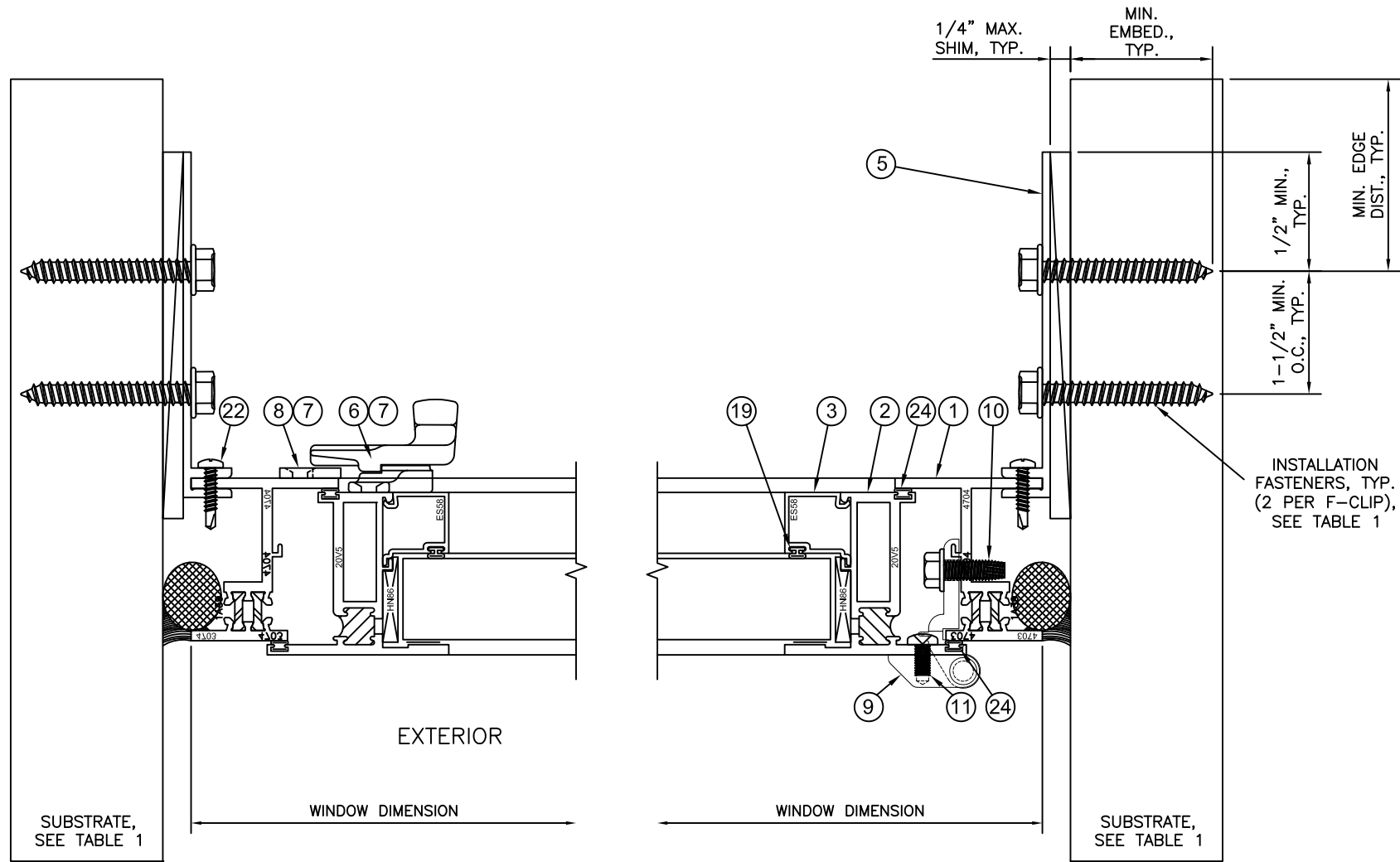
DESIGN PRESSURE RATING
+/-120 PSF
NON-IMPACT

ITEM	#	REQD	PART #	DESCRIPTION
1	4		1A39	Frame
2	4		20V5	P.O. Sash Profile
3	4		ES58	Glazing Bead
4	4		KK54	Corner Key 24B2 @ 1.189"
5	12		KA24	F-Anchor 1880 @ 2"
6	2		HU92	Cam Lock
7	8		MFH6	#10-24 X 3/8 PL-FH-MS 18-8
8	2		HK15	Keeper
9	3		HC26	Butt Hinge
10	9		M175	1/4"-20 X 3/4" HW-SMS F Point
11	12		MFM3	#10-24 X 3/8 PL-PH-MS 18-8
12	3		H15A	Hinge Gasket
13	AS REQD		FDA9	Hinge Shim
14	2		HB40	Lift Block
15	2		STD2	#10-16 x 1/2 SQ-TH-SMS 18-8 B
16	4		HN87	Sill/Edge Blocks
17	AS REQD		JJ67	Back Bed Sikasil SG-15 W/Spacers
18	AS REQD		WM92	Glazing Dam Tape
19	AS REQD			Glazing Vinyl
20	AS REQD			Polyurethane
21	AS REQD		LAB0	Strut
22	12		STK0	#8-16 x 1 SQ-PH-SMS 410 TEK/2
23	24		---	Install Anchor, see Table 1, Sht 1
24	AS REQD		WA04	Bulb WTSP
25	AS REQD		---	Backer Rod

Lucas Turner
2023.10.20
00:00:47
-05'00'



10/19/2023
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING
& CONSULTING, INC.
2428 OLD NATCHEZ TRC TRL
CAMDEN, TN 38320
PH. 941-380-1574



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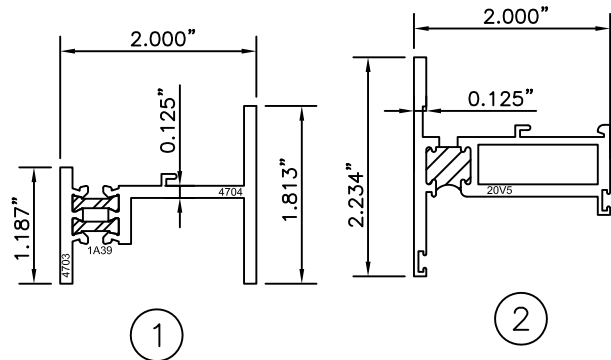
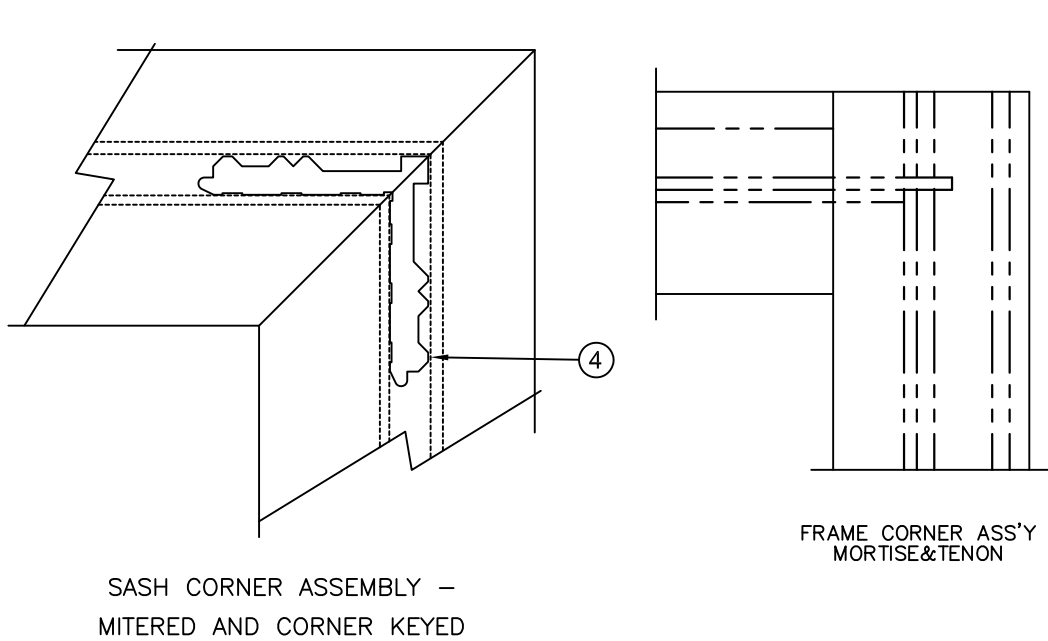


TABLE 1: INSTALLATION FASTENER REQUIREMENTS TABLE

SUBSTRATE TYPE	FASTENER TYPE	MIN. EMBED.	MIN. EDGE DIST.
CONCRETE (3.05 KSI MIN.)	1/4" DEWALT ULTRACON+	1-3/4"	2-1/2"
CMU MASONRY (ASTM C-90)	1/4" DEWALT ULTRACON+	1-3/4"	2-1/2"
2X MIN. SOUTHERN PINE WOOD (G=0.55)	#14 GRADE 5 WOOD SCREW	1-1/2"	1"
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"