

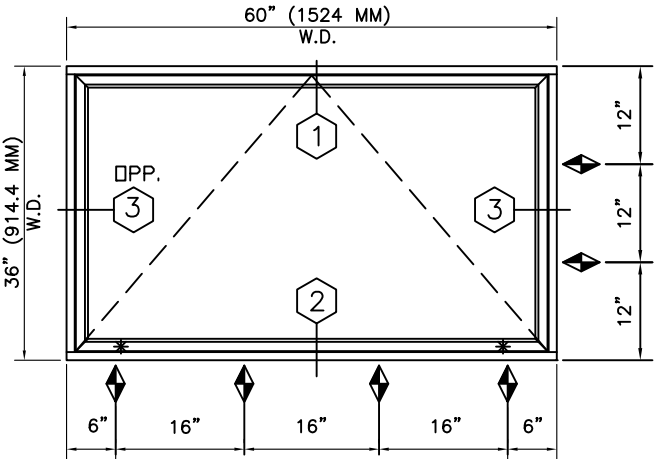
GENERAL NOTES

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. (ALUMINUM SPACER)
1/4" ANNEALED

MAX. DLO 53-1/4" X 29-3/4"



ELEVATION

* DENOTES LOCK LOCATION

◆ DENOTES ANCHOR LOCATIONS

DESIGN PRESSURE RATING
+/-110 PSF
NON-IMPACT

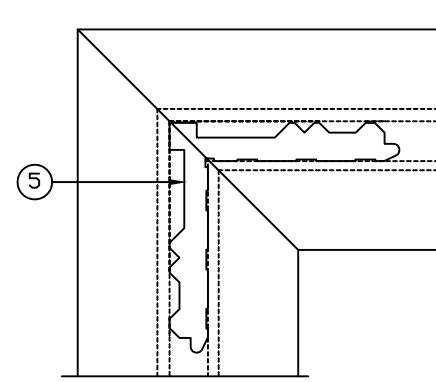
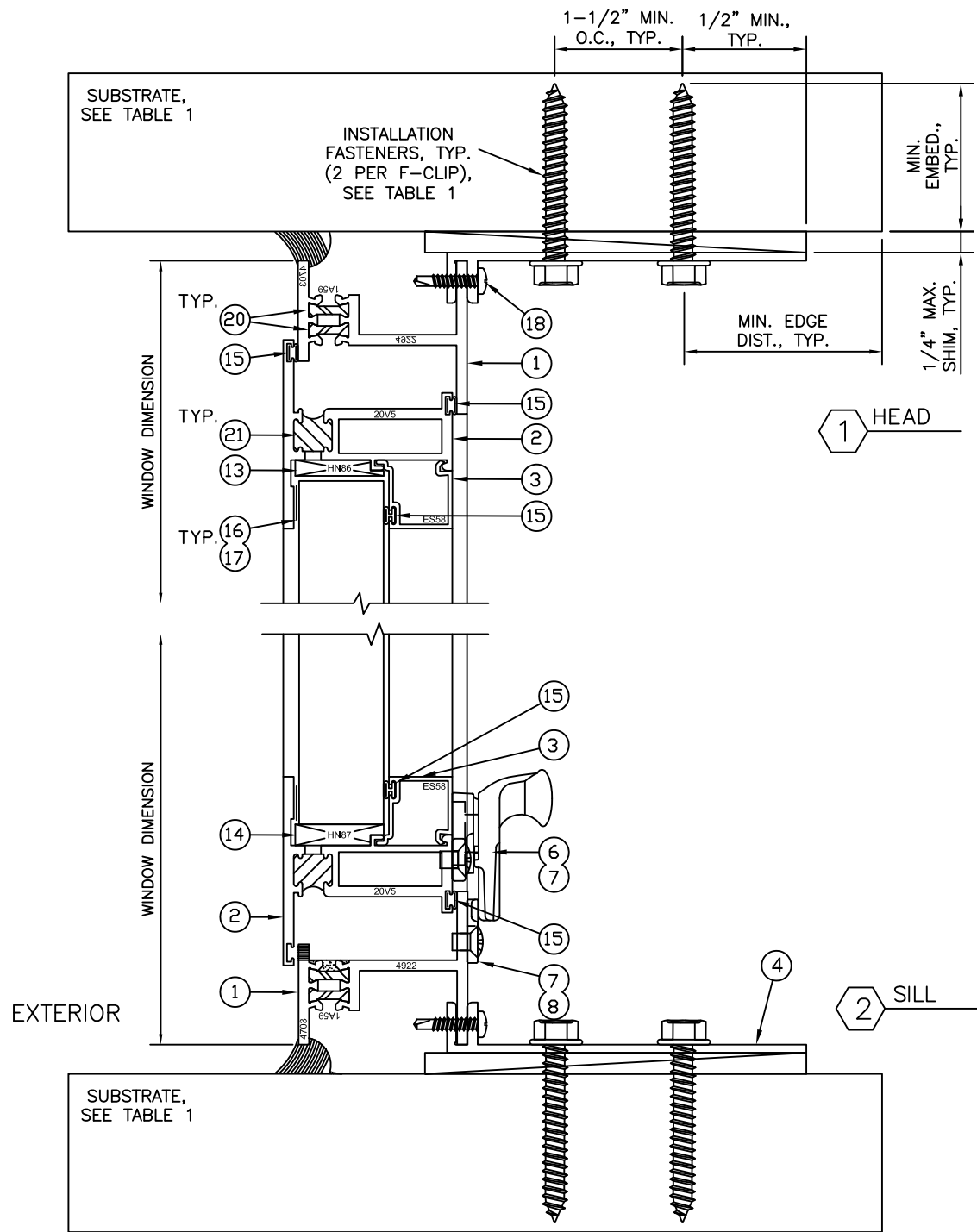
SERIES 2700 NONIMPACT PROJECT-OUT WINDOW

ITEM	# REQD	PART #	DESCRIPTION
1	4	1A59	FRAME
2	4	20V5	VENT RAILS
3	4	ES58	GLAZING BEAD
4	12	KA24	F-ANCHORS 1880 @ 2"
5	4	KK54	CORNER KEY 24B2 @ 1.187"
6	1 EACH	HU92/HU91	CAM HANDLE
7	8	MFH6	#10-24 X 3/8 SMS
8	2	HK15	STRIKE
9	2	LA15	4-BAR ARM
10	2	LA26	4-BAR ARM SHIM
11	6	STT5	#10-16 X 3/8 SMS
12	6	STD2	#10-16 X 1/2 SMS
13	6	HN86	EDGE BLOCKS
14	2	HN87	SETTING BLOCK
15	AS REQD	WA04	BULB VINYL
16	AS REQD	JJ67	WET GLAZE SEALANT
17	AS REQD	WM92	GLAZING DAM TAPE
18	12	STK0	#8-16 X 1 PL-PH-SMS TEK
19	24	STV1	#14-10X1 HW-SMS 18-8A
20	AS REQD	LAB0	THERMAL STRUT
21	AS REQD	----	POLYEURATHANE

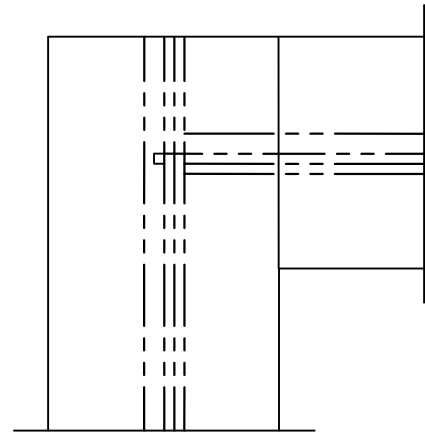
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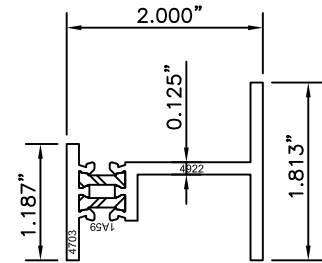
5/1/2024
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING
& CONSULTING, INC.
2428 OLD NATCHEZ TRC TRL
CAMDEN, TN 38320
PH. 941-380-1574



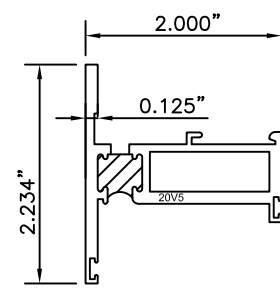
SASH CORNER ASSEMBLY –
MITERED AND CORNER KEYED



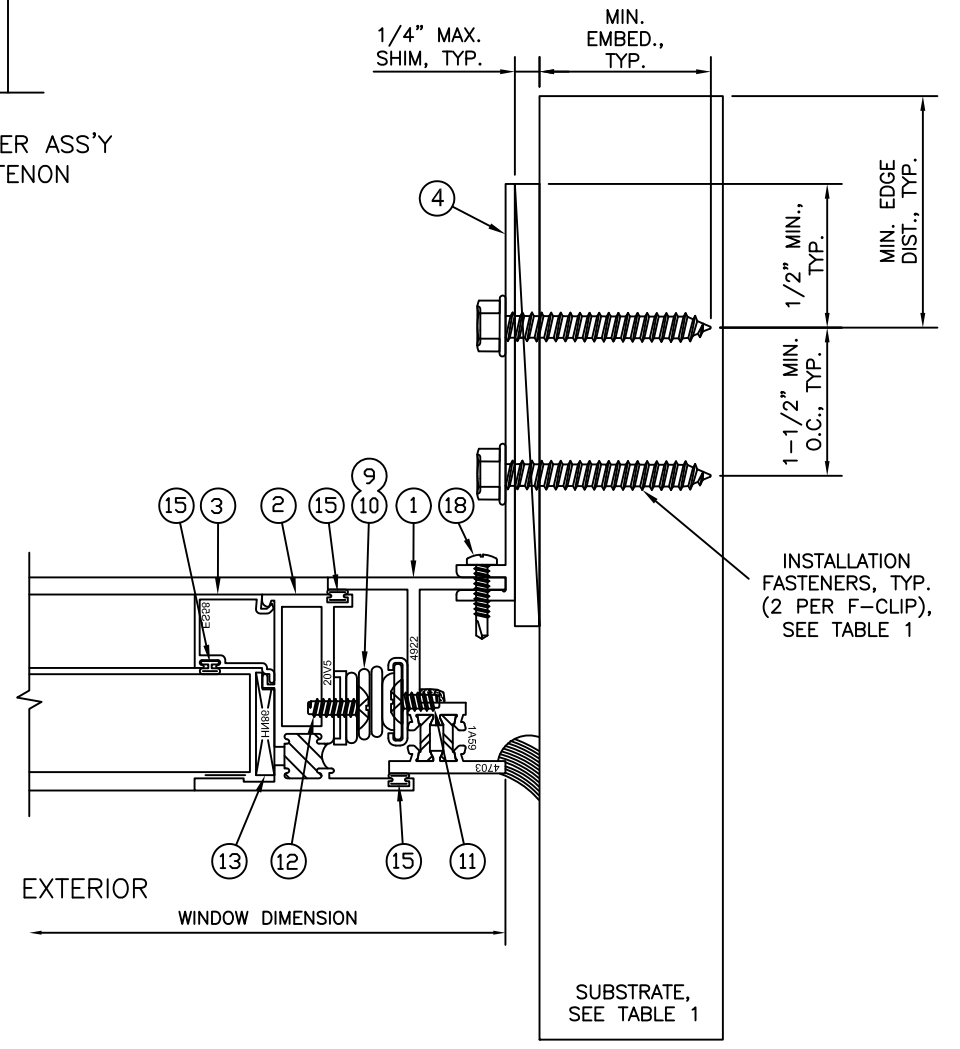
FRAME CORNER ASS'Y
MORTISE&TENON



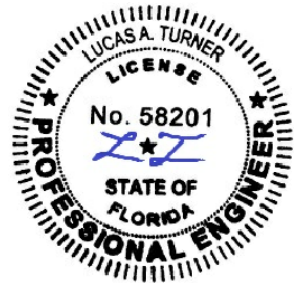
1



2



3 JAMB



5/1/2024
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2428 OLD NATCHEZ TRC TRL
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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"