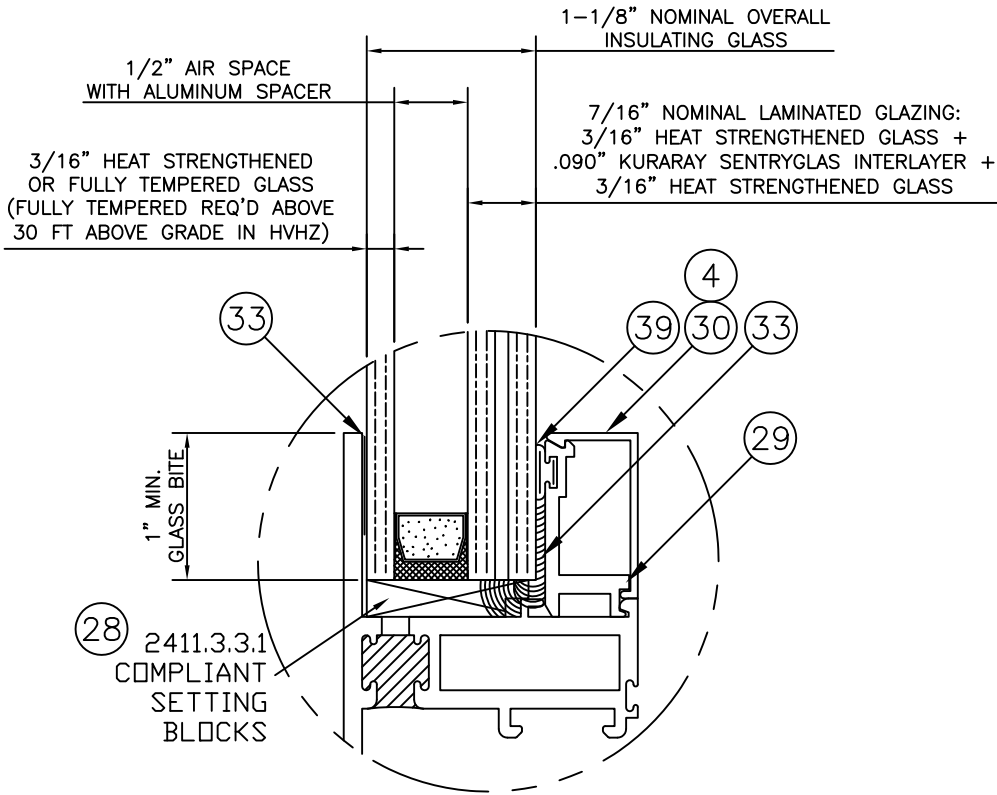


GENERAL NOTES

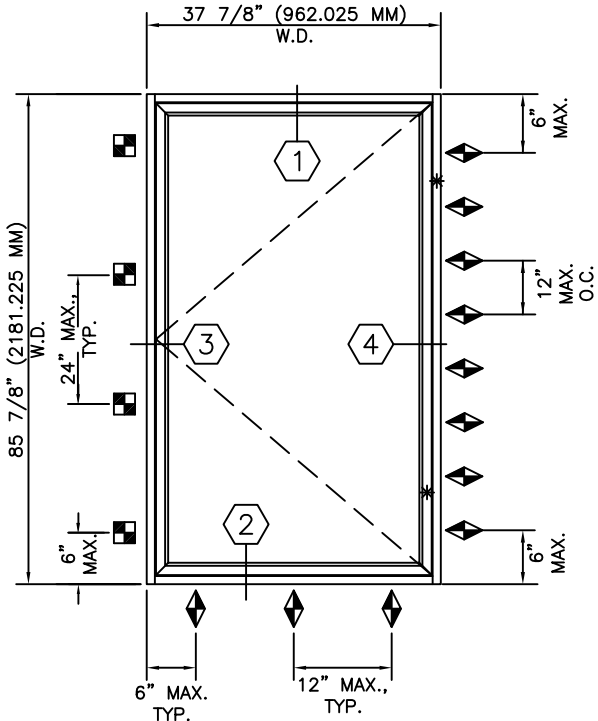
1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS LARGE AND SMALL MISSILE IMPACT RESISTANT, AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS).
2. THIS PRODUCT HAS BEEN TESTED TO TAS 201/202/203, AND MEETS THE REQUIREMENTS OF THE 8TH ED. (2023) FLORIDA BUILDING CODE INCLUDING 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 AND CYCLIC 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 FASTENERS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS. INSTALL SUBFRAME TO THE OPENING SUBSTRATE WITH TWO FASTENERS PER LOCATION SHOWN IN THE ELEVATION, AND INSTALL SUBSILL TO THE OPENING SUBSTRATE WITH ONE FASTENER PER LOCATION SHOWN IN THE ELEVATION. THIS DRAWING SHOWS TYPICAL INSTALLATION WITH SUBSILL AND SUBFRAMES INSTALLED FLUSH WITH OPENING; IF SHIMS ARE REQUIRED INSTALL 1/4" MAX. SHIMS AT EACH INSTALLATION FASTENER LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN SUBFRAME/SUBSILL 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 SHALL BE MAINTAINED OF 1-1/2" MINIMUM AT SUBFRAME, AND 4" MINIMUM AT SUBSILL.
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.

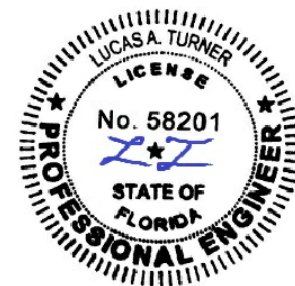
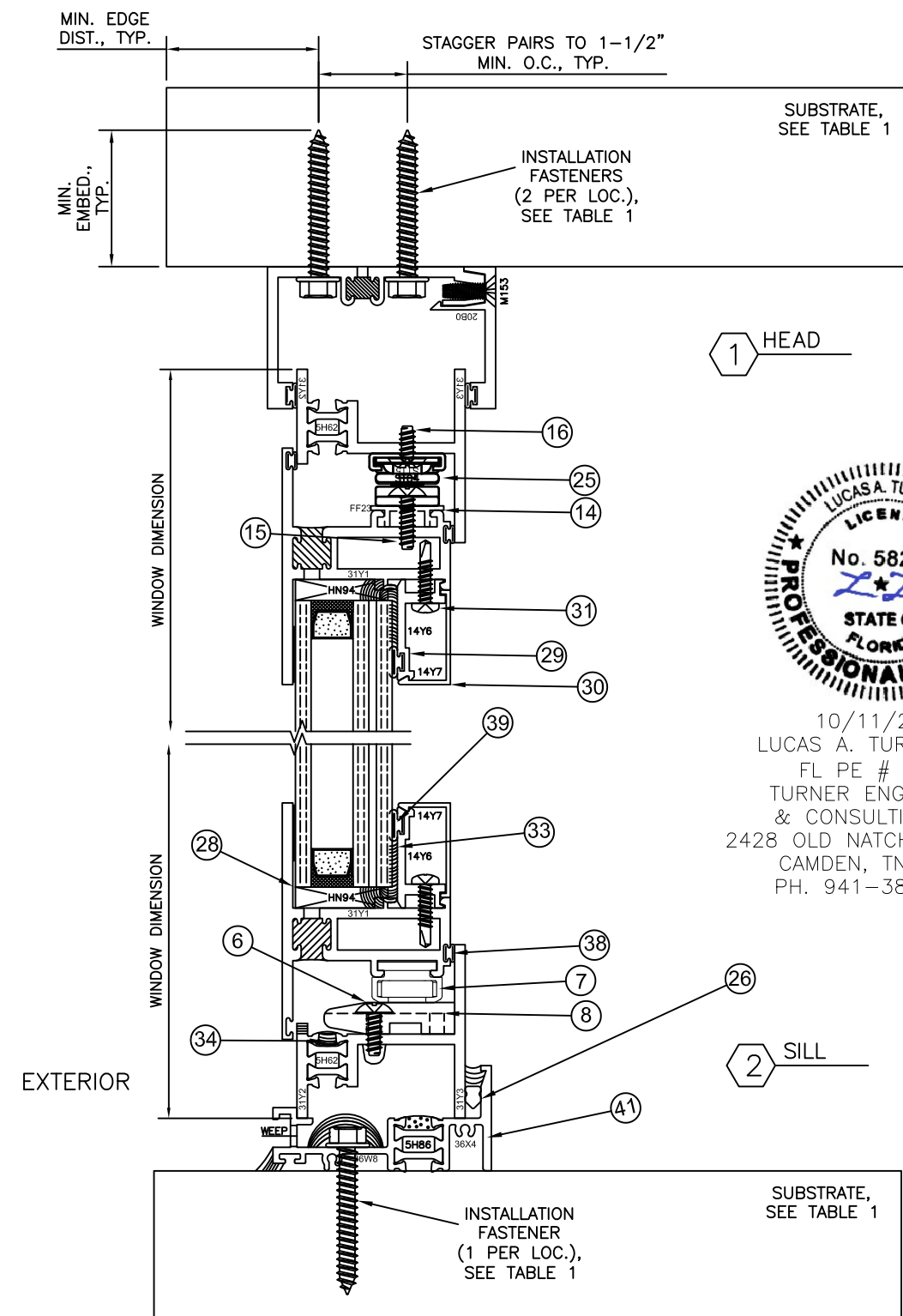
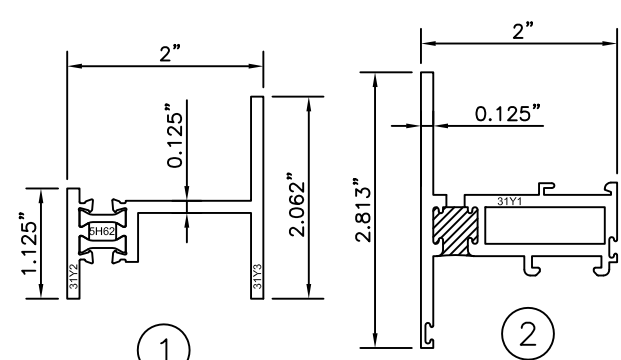
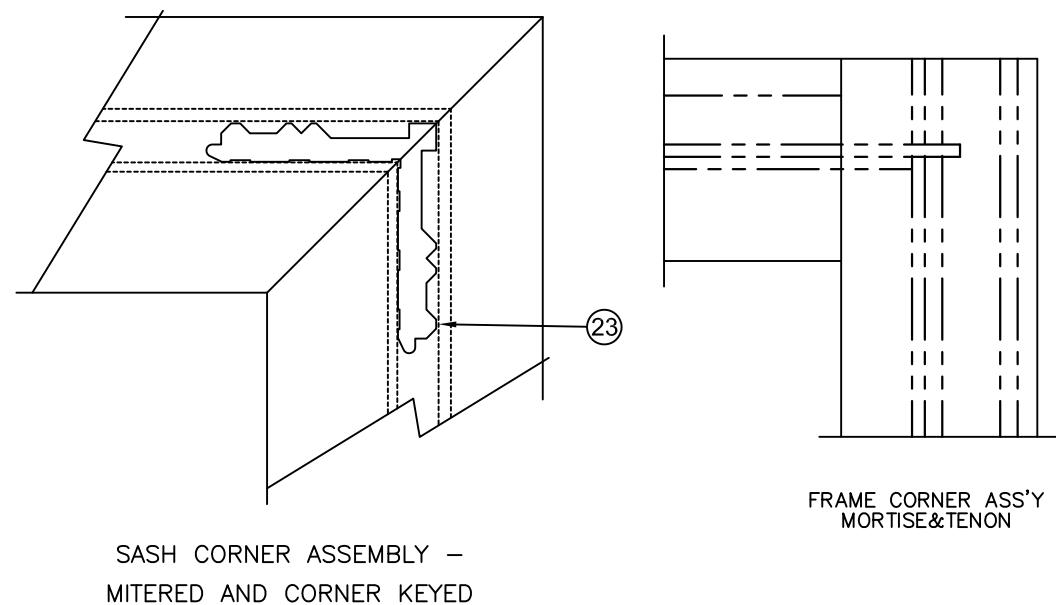
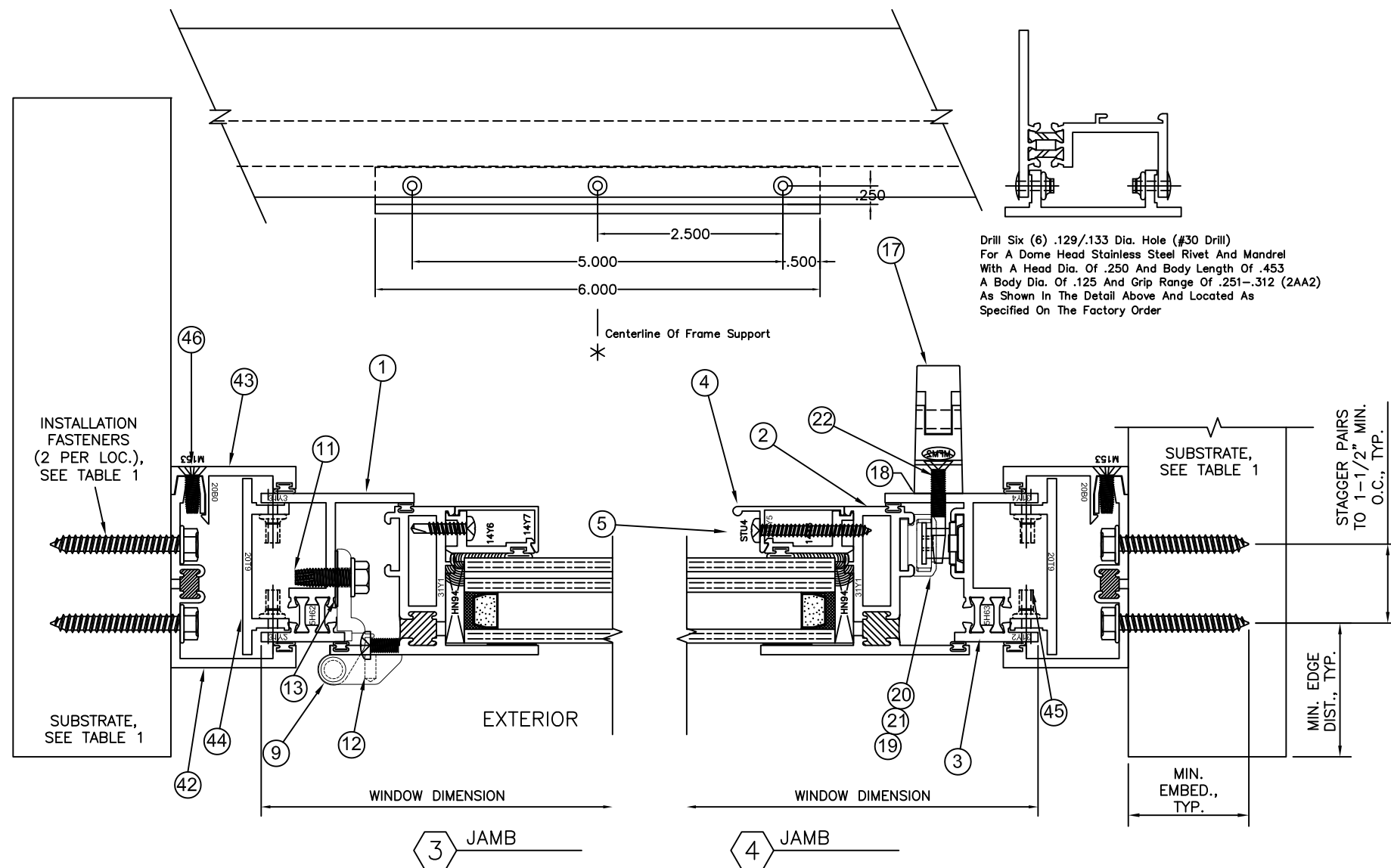
DESIGN PRESSURE RATING
+/-100 PSF

LARGE AND SMALL MISSILE
IMPACT RESISTANT



TYP. GLAZING DETAIL





10/11/2023
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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"	1"
CMU MASONRY (ASTM C-90)	1/4" DEWALT ULTRACON+	1-3/4"	1"
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"