



STORMGUARD FIBERGLASS WITH MULTIPOINT LOCKING
8'-0" DOUBLE DOOR WITH / WITHOUT SIDELITES

GENERAL NOTES

- EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- THIS PRODUCT DOES NOT REQUIRE THE USE OF A HURRICANE PROTECTIVE SYSTEM (SHUTTERS).
- POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.

4. PLASTICS TESTING:

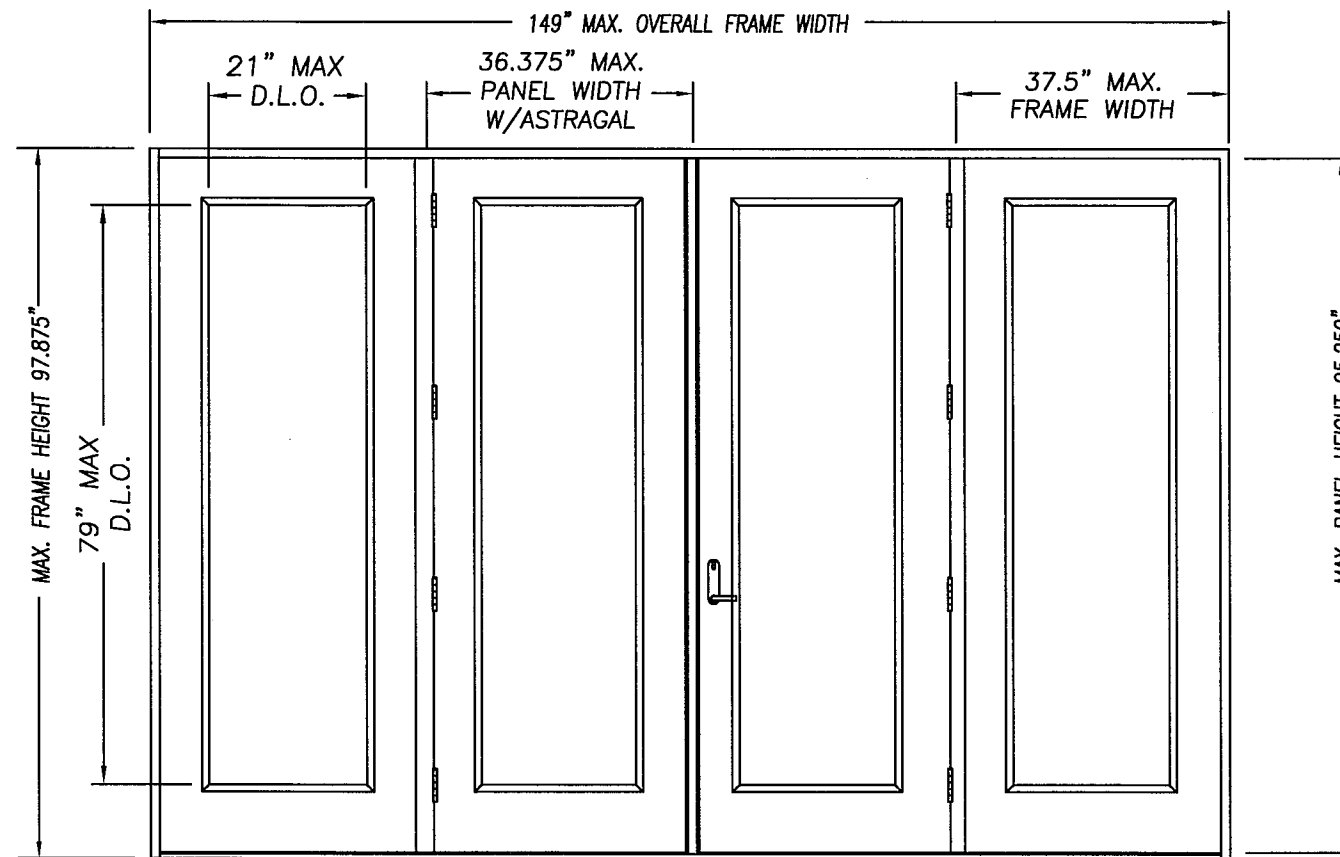
TEST DESCRIPTION	DESIGNATION	FACING	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	752 °F > 650 °F	842 °F > 650 °F
RATE OF BURNING	ASTM D635	0.56 IN/MIN	1.28 IN/MIN
SMOKE DENSITY	ASTM D2843	53.4%	70.2%
TENSILE STRENGTH*	ASTM D638	3.2% DIFF	1.8% DIFF

5. PLASTICS TESTING OF WORLDWIDE COMPOSITE FRAME (WHERE USED):

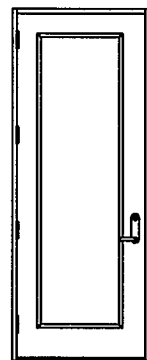
TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	779 °F > 650 °F
RATE OF BURNING	ASTM D635	0.0 IN/MIN
SMOKE DENSITY	ASTM D2843	39.0%
TENSILE STRENGTH*	ASTM D638	3.6% DIFF

* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING
4500 HOURS XENON ARC METHOD 1

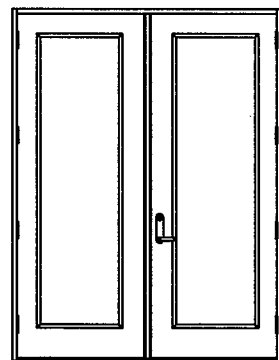
- MAXIMUM GLASS SIZES COMPLY WITH ASTM E1300 FOR THE DESIGN PRESSURES LISTED.



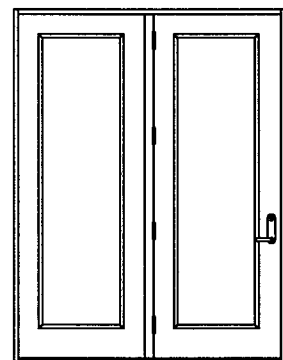
DOUBLE DOOR UNIT W/SIDELITES



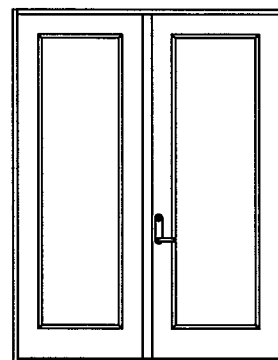
SINGLE DOOR UNIT



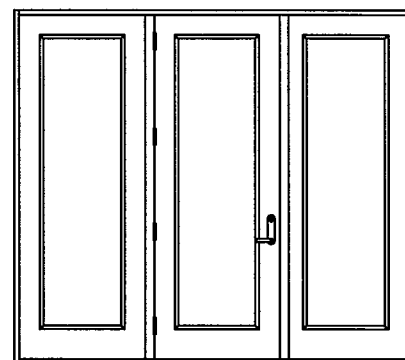
DOUBLE DOOR UNIT



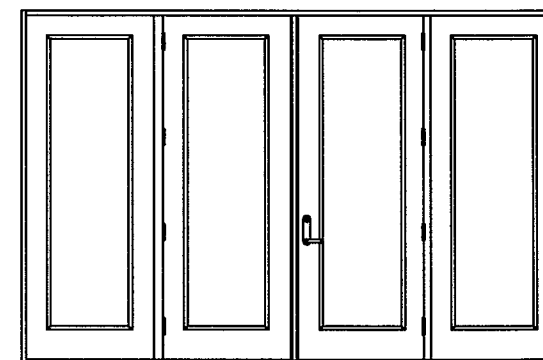
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING (WHERE NO WATER REQUIRED)		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE				
		INSWING	OUTSWING	BUMPER O/S	Z-SERIES O/S	HPB O/S	T4 O/S	HIGH DAM O/S
X	37.5"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	+45.0 / -45.0
XX	74"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	+45.0 / -45.0
OX or XO	75"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	+45.0 / -45.0
OXO	112.5"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	+45.0 / -45.0
OXXO	149"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	N/A	+45.0 / -45.0	+45.0 / -45.0

6-21-2024
Kurt Balz

KURT BALTHAZOR
FLORIDA P.E.
#56533

MASONITE INTERNATIONAL CORP.
1955 POWIS ROAD
WEST CHICAGO, IL 60185

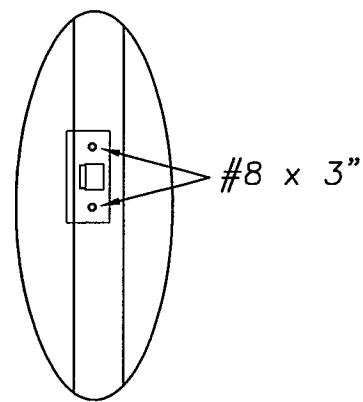
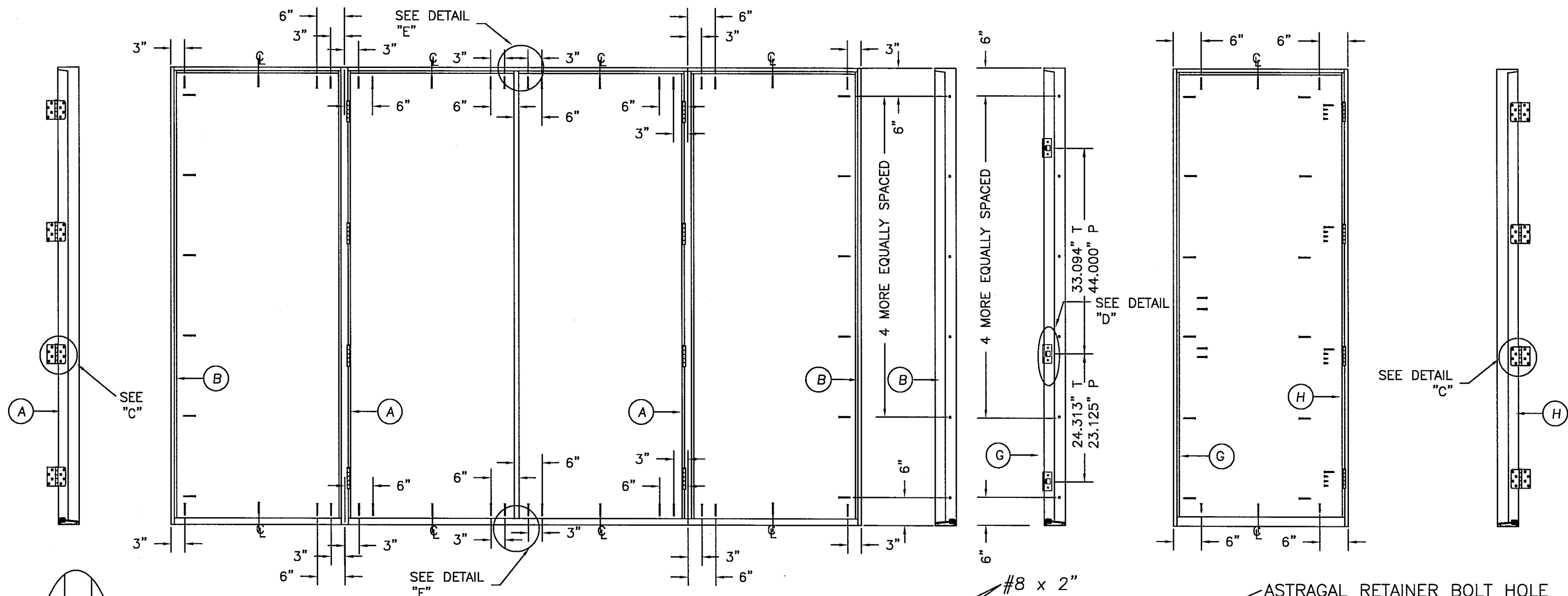
PRODUCT:
"EXTERIOR DOOR PRODUCT"

DOUBLE 8'0" GLAZED
FIBERGLASS DOOR

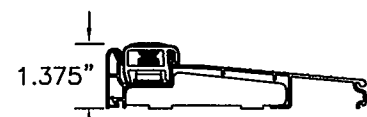
PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

E	D	C	B	A	NO.	DATE	REVISIONS	
							BY	
						5/27/26	ADDED THRESHOLD	SWS
						11/21/23	INNERLAYER NOA	SWS
						7/18/20	INNERLAYER NOA	SWS
						12/18/18	ALTERNATE GLAZING	SWS
						12/11/17	MISC UPDATES	SWS

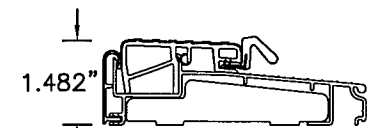
DATE:	4/26/17
SCALE:	N.T.S.
DWG. BY:	SWS
CHK. BY:	
DRAWING NO.:	
DWG-MA-FL0186-17	
SHEET	1 OF 4



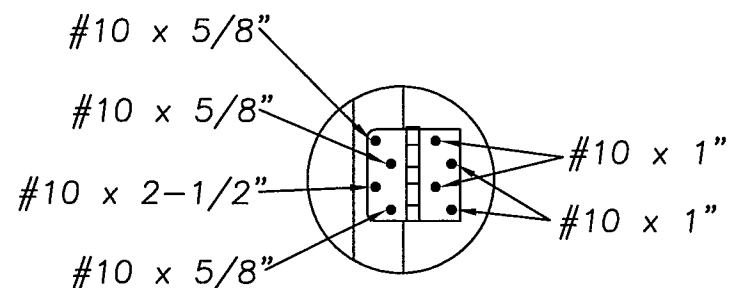
DETAIL "D"



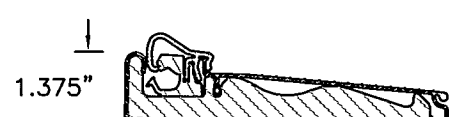
INSWING THRESHOLD



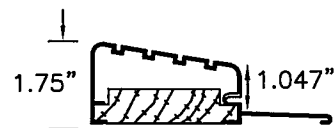
Z-SERIES O/S THRESHOLD



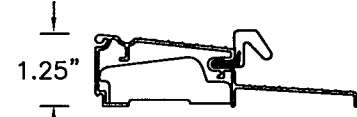
DETAIL "C"



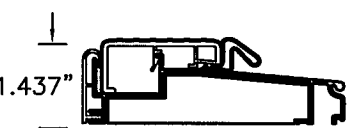
ZAC I/S THRESHOLD



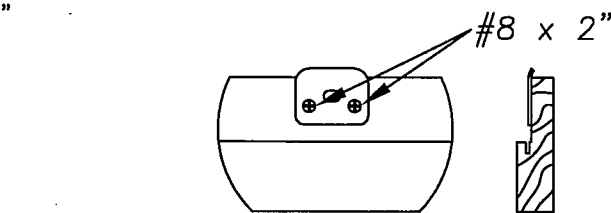
HIGH DAM O/S THRESHOLD



HPB O/S THRESHOLD

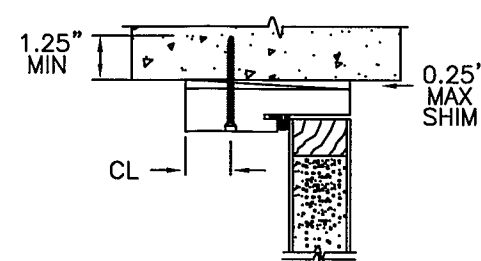


T4 O/S THRESHOLD



DETAIL "E" ASTRAGAL

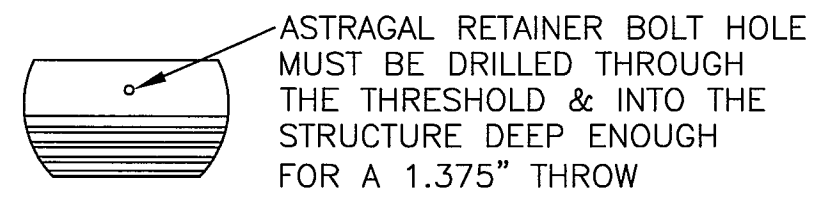
ATTACH ASTRAGAL RETAINER BOLT STRIKE PLATE TO FRAME AS SHOWN.



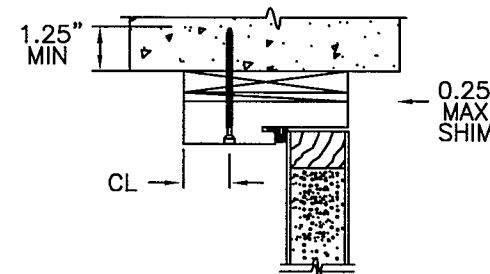
TYPICAL MASONRY ANCHOR INSTALLATION



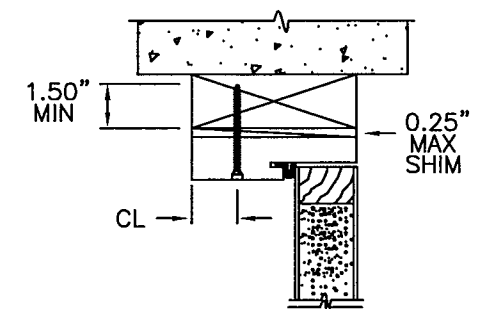
BUMPER O/S THRESHOLD



DETAIL "F" ASTRAGAL

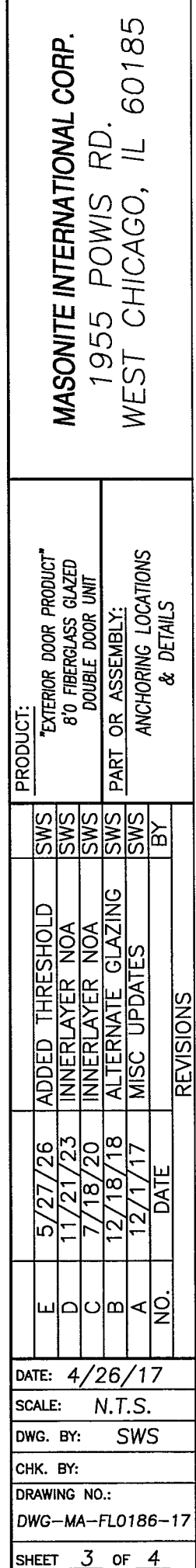
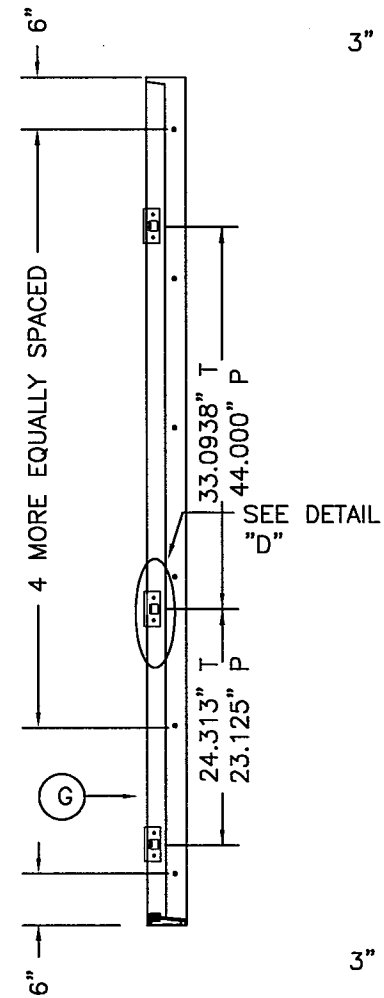


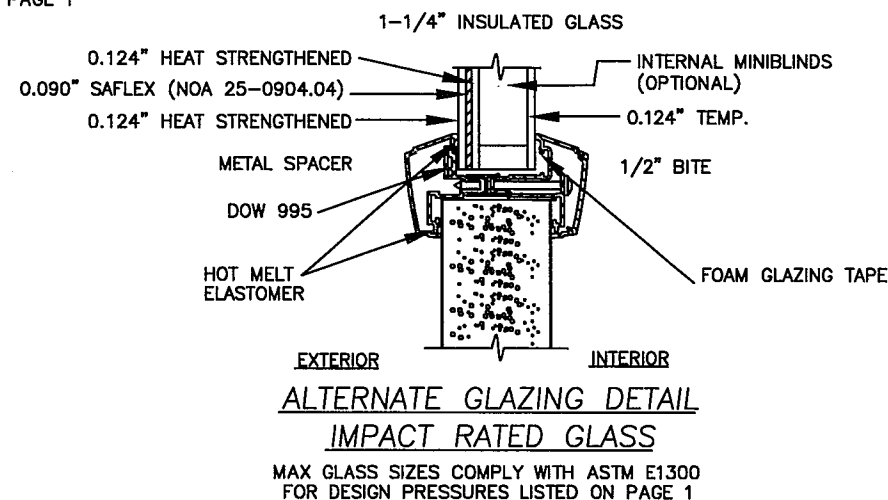
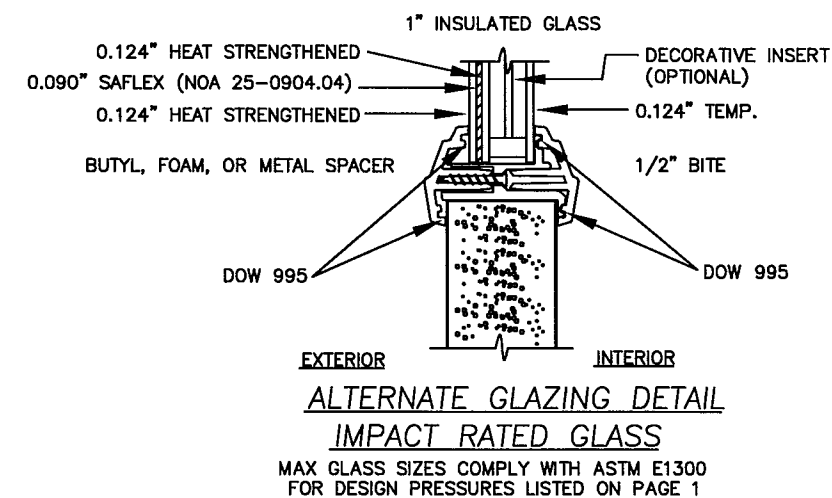
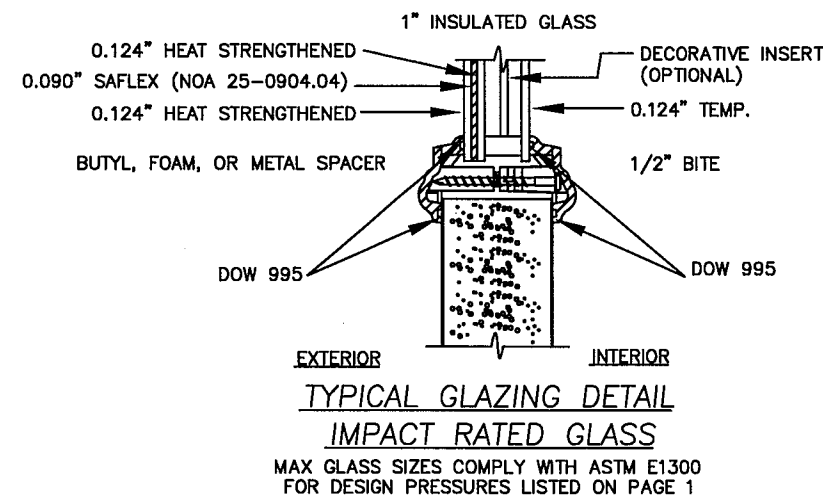
1X BUCK MASONRY ANCHOR INSTALLATION



TYPICAL WOOD BUCK ANCHOR INSTALLATION

PRODUCT:		"EXTERIOR DOOR PRODUCT" 8'0 FIBERGLASS GLAZED DOUBLE DOOR UNIT		PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS		MASONITE INTERNATIONAL CORP. 1955 POWIS ROAD WEST CHICAGO, IL 60185	
			ADDED THRESHOLD		SWS		
E	5/27/26		INNERLAYER NOA		SWS		
D	11/21/23		INNERLAYER NOA		SWS		
C	7/18/20		ALTERNATE GLAZING		SWS		
B	12/18/18		MISC UPDATES		SWS		
A	12/11/17				BY		
NO.	DATE						
		REVISIONS					
DATE: 4/26/17							
SCALE: N.T.S.							
DWG. BY: SWS							
CHK. BY:							
DRAWING NO.:							
DWG-MA-FL0186-17							
SHEET 2 OF 4							



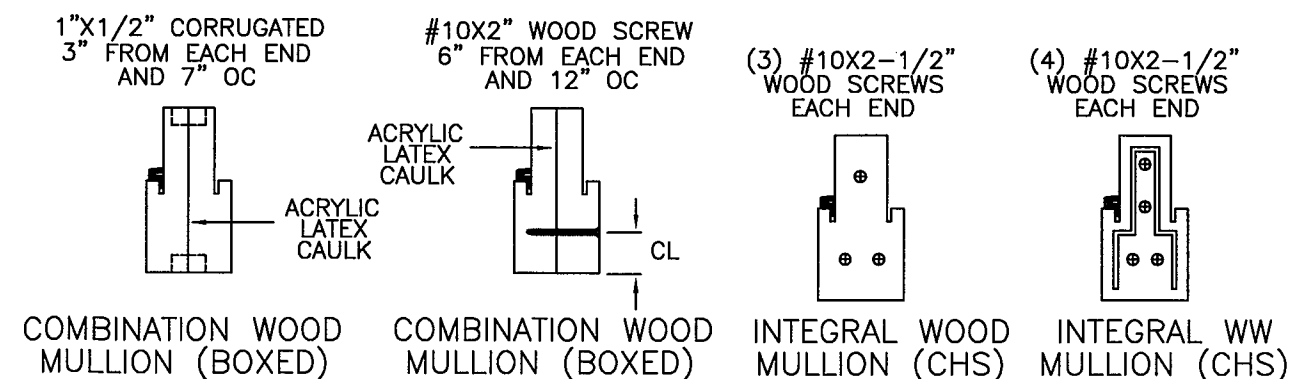


ATTACHMENT DETAIL

1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY ROBERTO LOMAS, PE (FLORIDA #62514) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS, 1/4" TAPCONS, AND #10 TEK SCREWS. A PHYSICAL SHIM MUST BE PLACED IN SHIM SPACE AT EACH ANCHOR LOCATION. TAPCON EDGE DISTANCE MIN 2-1/2". WOOD SCREW EDGE DISTANCE MIN 3/4". TEK SCREW EDGE DISTANCE MIN 1/2".
2. ANCHORING INTO STEEL STRUCTURE MUST BE SUFFICIENT TO ACHIEVE 3 THREADS MINIMUM BEYOND STEEL INTERIOR SURFACE.
3. THE WOOD SCREW SINGLE SHEAR DESIGN VALUES COME FROM ANSI/AF&PA NDA FOR SOUTHERN PINE LUMBER AND ACHIEVEMENT OF 1-1/2" MINIMUM EMBEDMENT. THE TAPCON MUST ACHIEVE MINIMUM EMBEDMENT OF 1-1/4".
4. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
5. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.
6. FASTENER CORROSION RESISTANCE PER THE FLORIDA BUILDING CODE.

HARDWARE SCHEDULE

1.	ENDURA PANOLOCK OR TRILENNIUM MULTIPOINT LOCKING HARDWARE FACTORY INSTALLED.
2.	4" X 4" FULL MORTISE BUTT HINGES.



MASONITE INTERNATIONAL CORP.
1955 POWIS RD.
WEST CHICAGO, IL 60185

PRODUCT:
EXTERIOR DOOR PRODUCT
8'0" FIBERGLASS GLAZED
DOUBLE DOOR UNIT
PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

	SWS	BY
ADDED THRESHOLD	SWS	
INNERLAYER NOA	SWS	
INNERLAYER NOA	SWS	
ALTERNATE GLAZING	SWS	
MISC UPDATES	SWS	
NO.	DATE	REVISIONS

DATE: 4/26/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0186-17
SHEET 4 OF 4