



STORMGUARD FIBERGLASS DOOR UNIT
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:

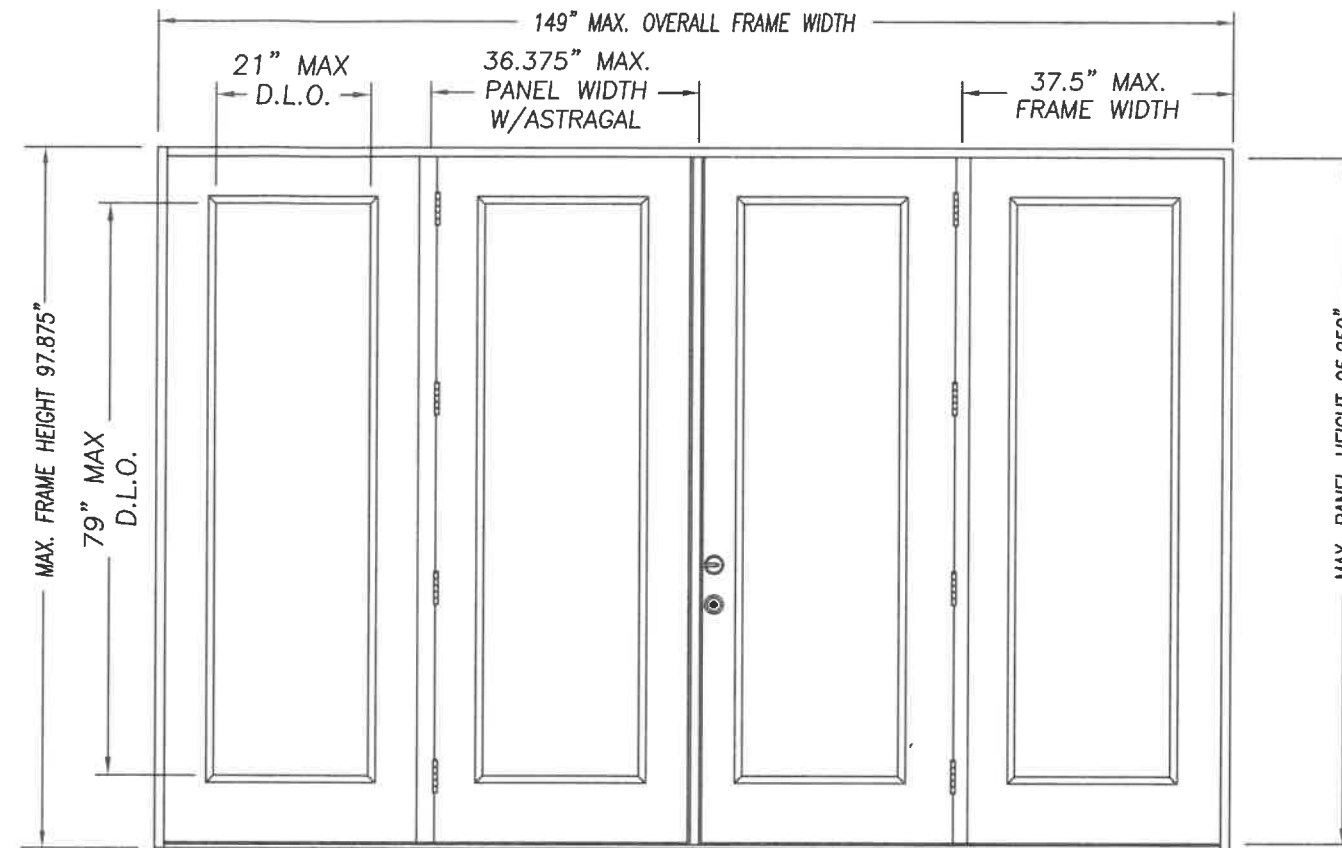
TEST DESCRIPTION	DESIGNATION	FACING	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	752 °F > 650 °F	842 °F > 650 °F
RATE OF BURNING	ASTM D635	0.56 IN/MIN	1.28 IN/MIN
SMOKE DENSITY	ASTM D2843	53.4%	70.2%
TENSILE STRENGTH*	ASTM D638	3.2% DIFF	1.8% DIFF

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

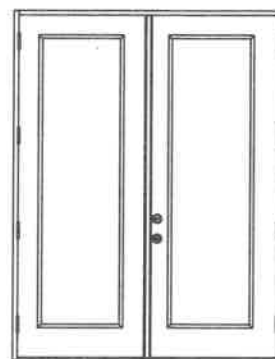
- MAXIMUM GLASS SIZES COMPLY WITH ASTM E1300 FOR THE DESIGN PRESSURES LISTED.



DOUBLE DOOR UNIT W/SIDELITES



SINGLE DOOR UNIT



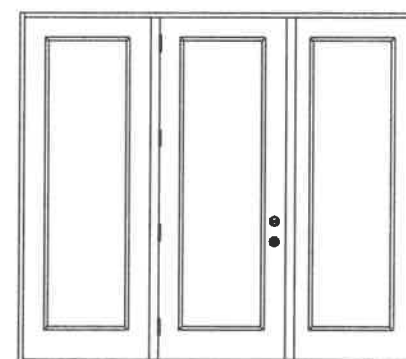
DOUBLE DOOR UNIT



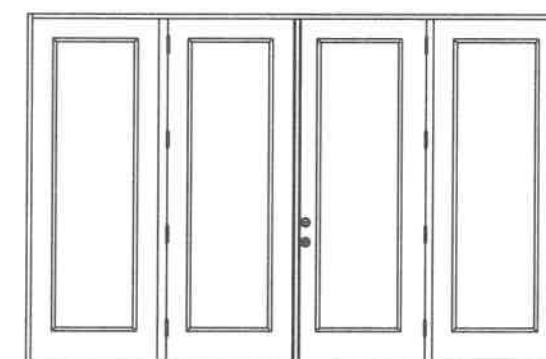
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING (1:1 OVERHANG OR WHERE NO WATER REQUIRED)				WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE				
		INSWING	OUTSWING	O/S W	SURFACE BOLTS	BUMPER O/S	Z-SERIES O/S	T4 O/S	HIGH DAM O/S	
X	37.5"	+43.0 / -47.0	+47.0 / -45.0	+55.0	-55.0	+25.0 / -45.0	+40.0 / -45.0	+47.0 / -45.0	+47.0 / -45.0	
XX	74"	+43.0 / -47.0	+47.0 / -45.0	+55.0	-55.0	+25.0 / -45.0	+40.0 / -45.0	+47.0 / -45.0	+47.0 / -45.0	
OX or XO	75"	+43.0 / -47.0	+47.0 / -45.0	+55.0	-55.0	+25.0 / -45.0	+40.0 / -45.0	+47.0 / -45.0	+47.0 / -45.0	
OXO	112.5"	+43.0 / -47.0	+47.0 / -45.0	+55.0	-55.0	+25.0 / -45.0	+40.0 / -45.0	+47.0 / -45.0	+47.0 / -45.0	
OXXO	149"	+43.0 / -47.0	+47.0 / -45.0	+55.0	-55.0	+25.0 / -45.0	+40.0 / -45.0	+47.0 / -45.0	+47.0 / -45.0	

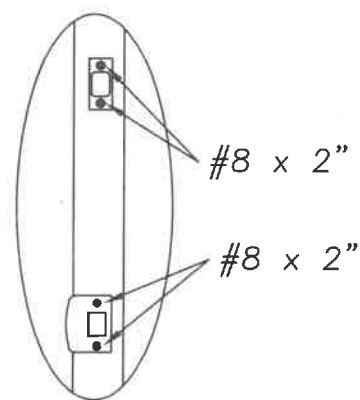
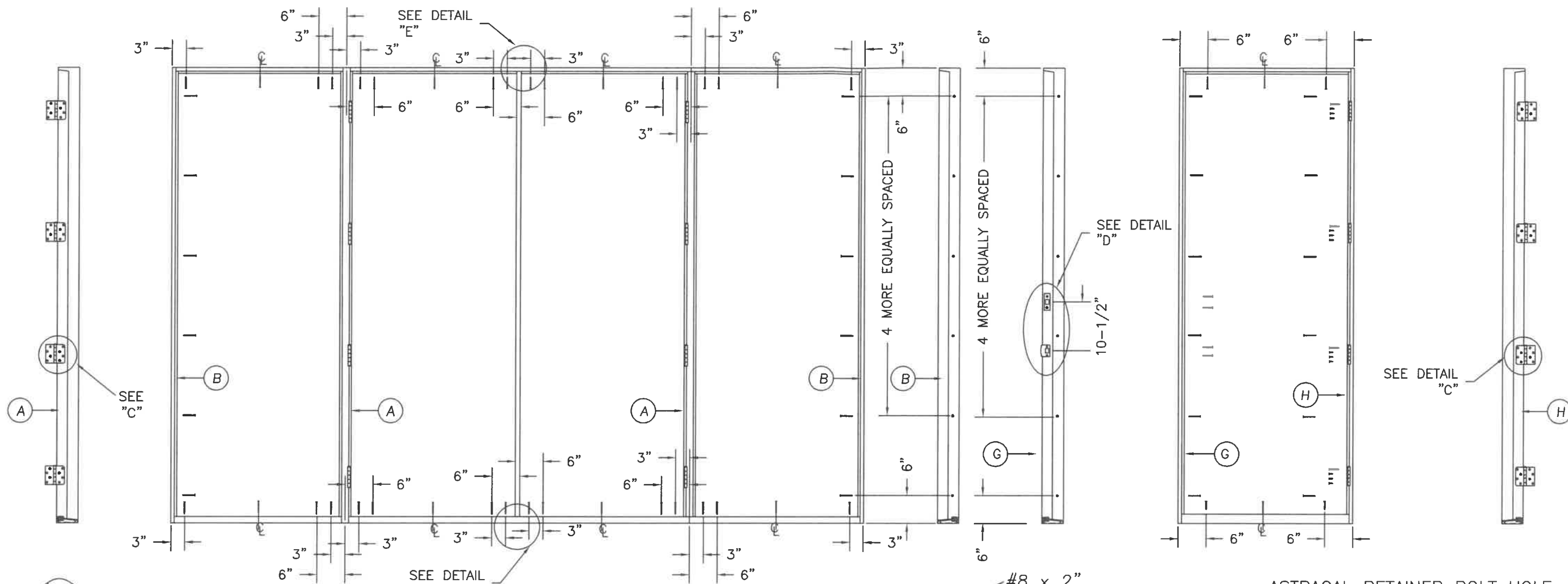
MASONITE INTERNATIONAL CORP.
1955 POWIS ROAD
WEST CHICAGO, IL 60185

PRODUCT:
"EXTERIOR DOOR PRODUCT"
DOUBLE 8'0" GLAZED
FIBERGLASS DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

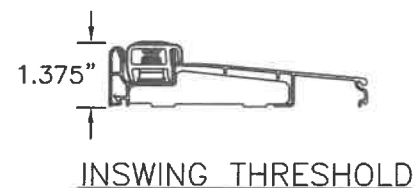
SWS	SWS	SWS	SWS	SWS	SWS	BY
CORRECTIONS	INNERLAYER NOA	INNERLAYER NOA	ALTERNATE GLAZING	ADDED T4	VARIOUS UPDATES	REVISIONS
7/1/25	11/21/23	7/18/20	12/18/18	10/27/17	4/26/17	DATE
H	G	F	E	D	C	NO.

DATE: 4/9/07
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0173-07
SHEET 1 OF 4

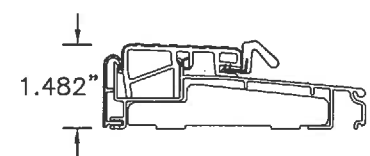
LICENSE
7-3-2025
NO. 53533
Kurt R. Balthazor
STATE OF
FLORIDA
KURT BALTHAZOR
FLORIDA P.E.
#56533



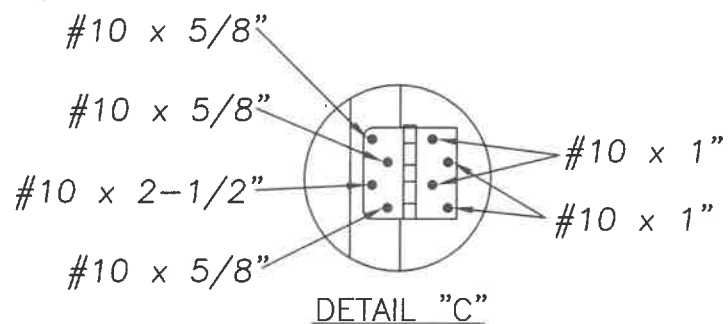
DETAIL "D"



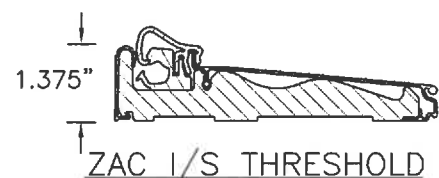
INSWING THRESHOLD



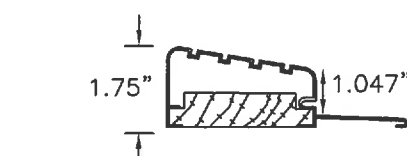
Z-SERIES O/S THRESHOLD



DETAIL "C"



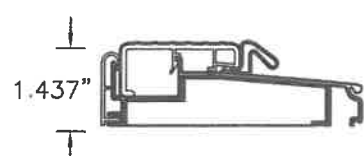
ZAC I/S THRESHOLD



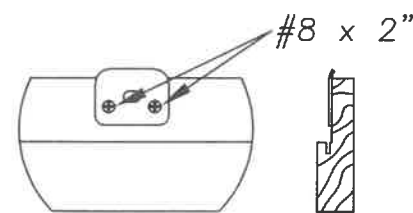
HIGH DAM O/S THRESHOLD



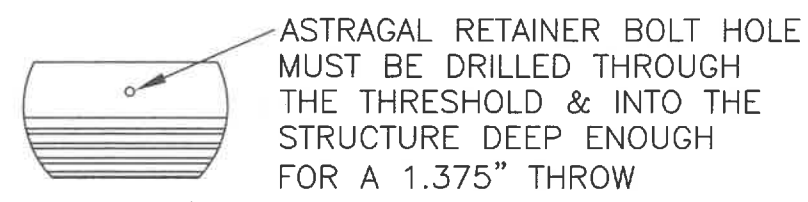
BUMPER O/S THRESHOLD



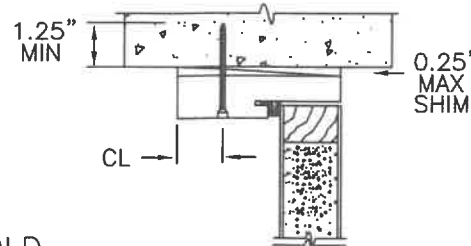
T4 O/S THRESHOLD



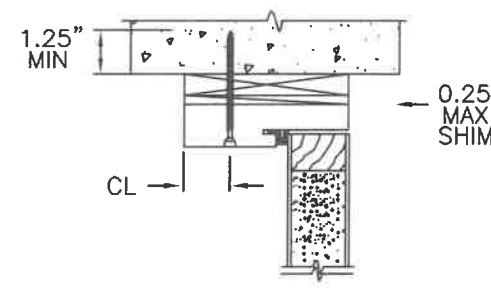
DETAIL "E" ASTRAGAL
ATTACH ASTRAGAL RETAINER BOLT
STRIKE PLATE TO FRAME
AS SHOWN.



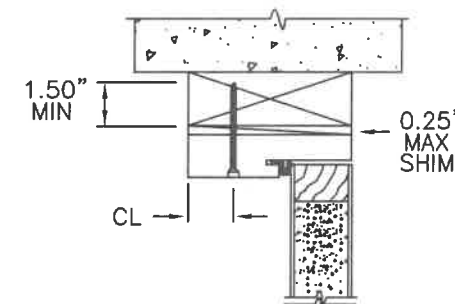
DETAIL "F" ASTRAGAL



TYPICAL MASONRY
ANCHOR INSTALLATION



1X BUCK MASONRY
ANCHOR INSTALLATION



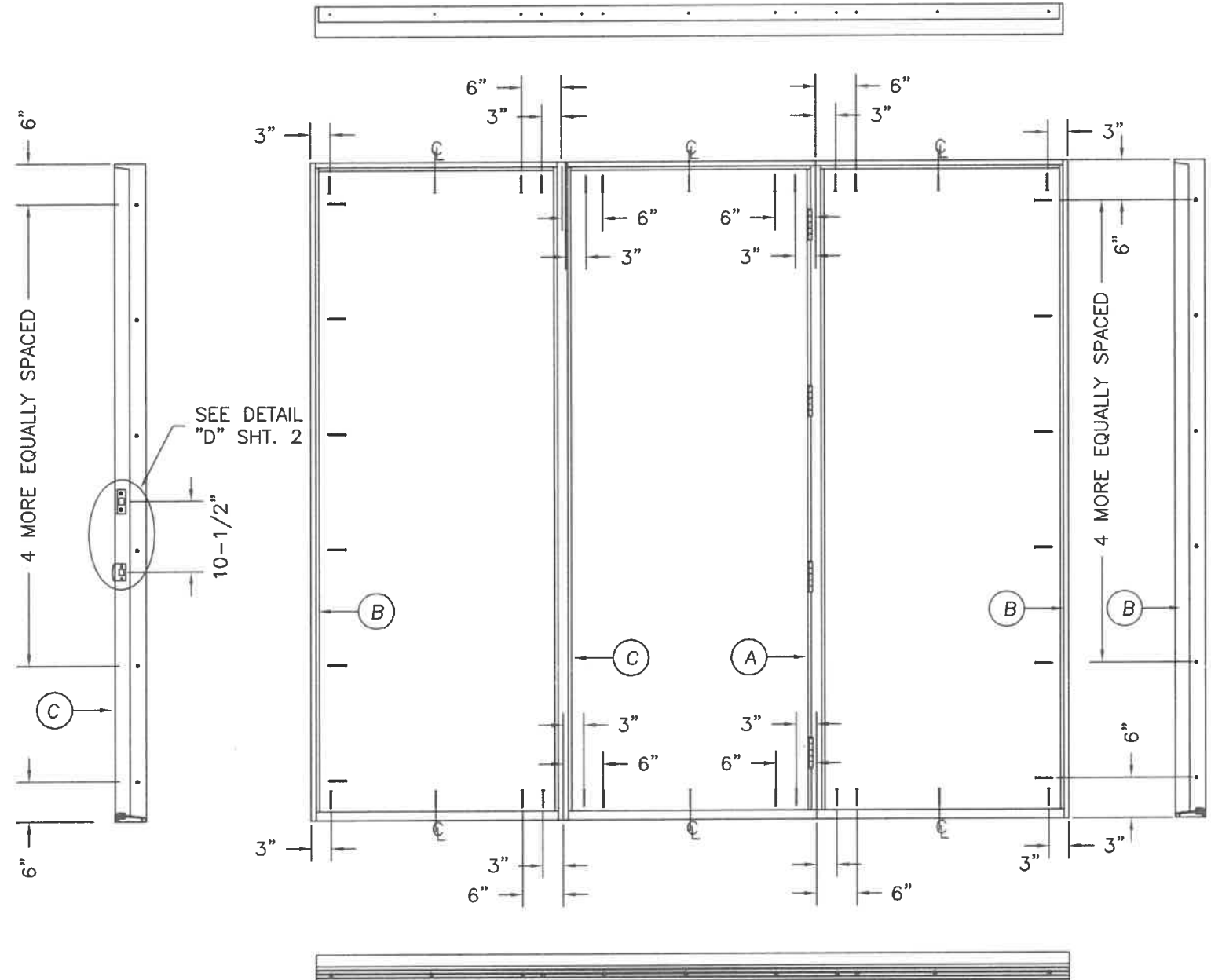
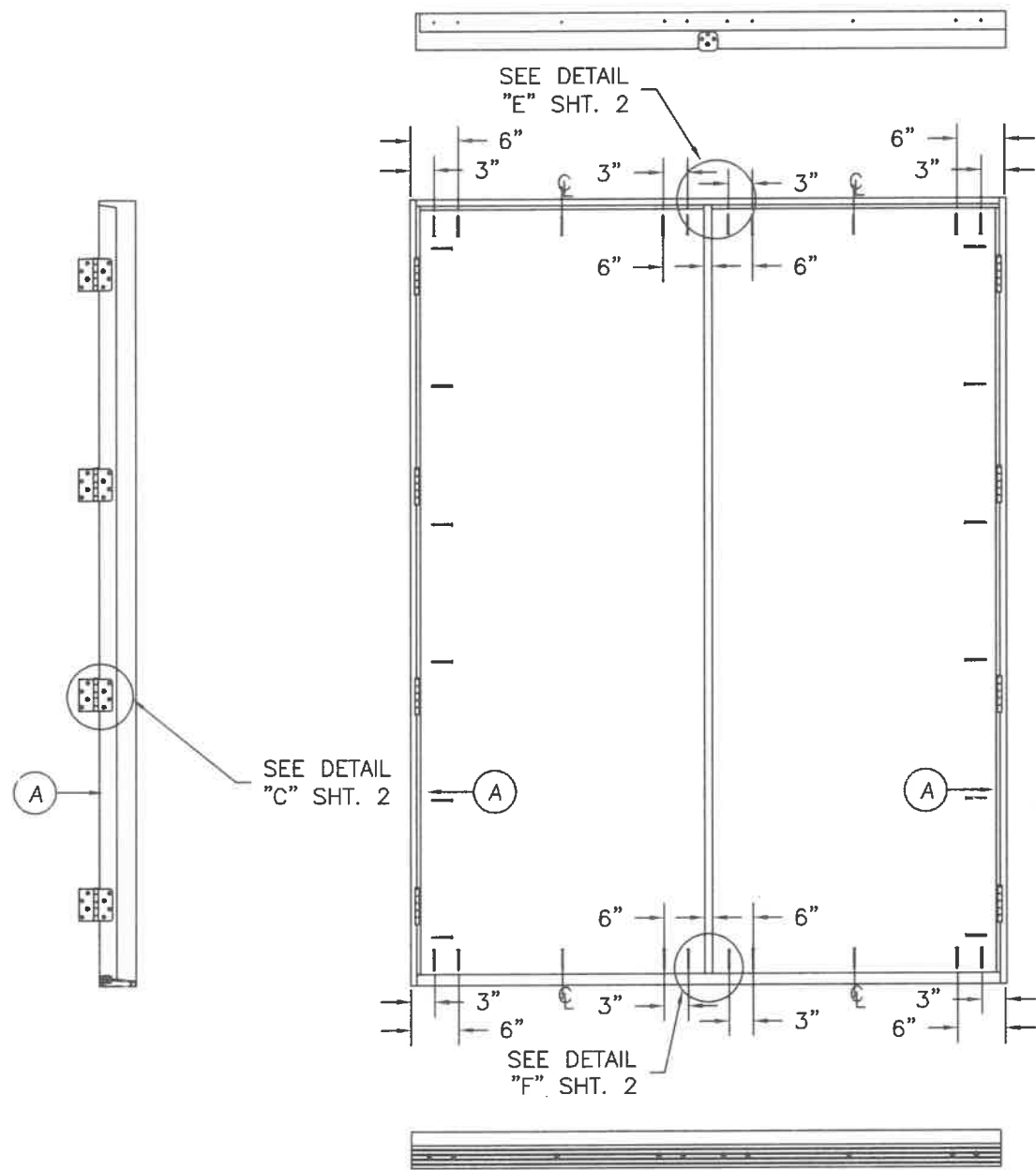
TYPICAL WOOD BUCK
ANCHOR INSTALLATION

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1955 POWIS ROAD
WEST CHICAGO, IL 60185

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

	SWS	SWS	SWS	SWS	SWS	SWS	BY
CORRECTIONS							
INNERLAYER NOA							
INNERLAYER NOA							
ALTERNATE GLAZING							
ADDED T4							
VARIOUS UPDATES							
DATE							
NO.							

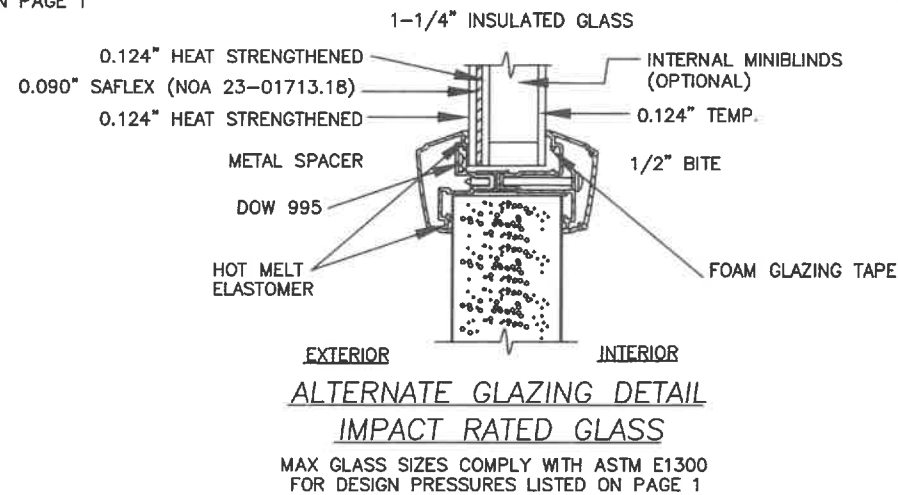
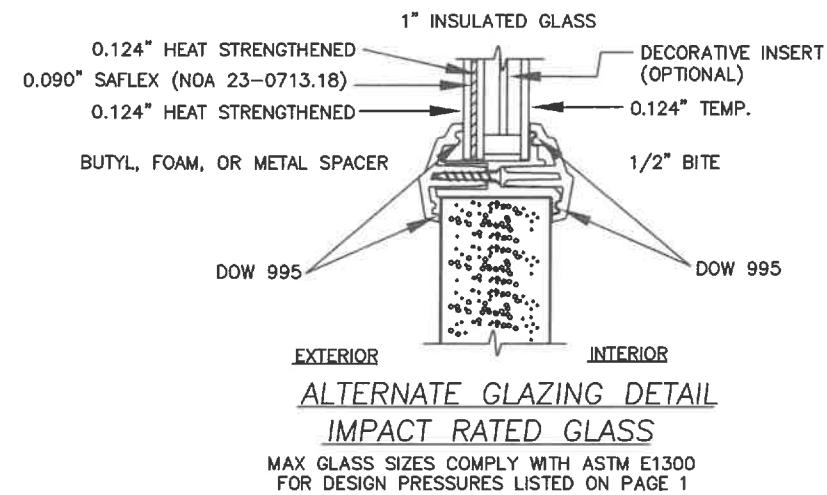
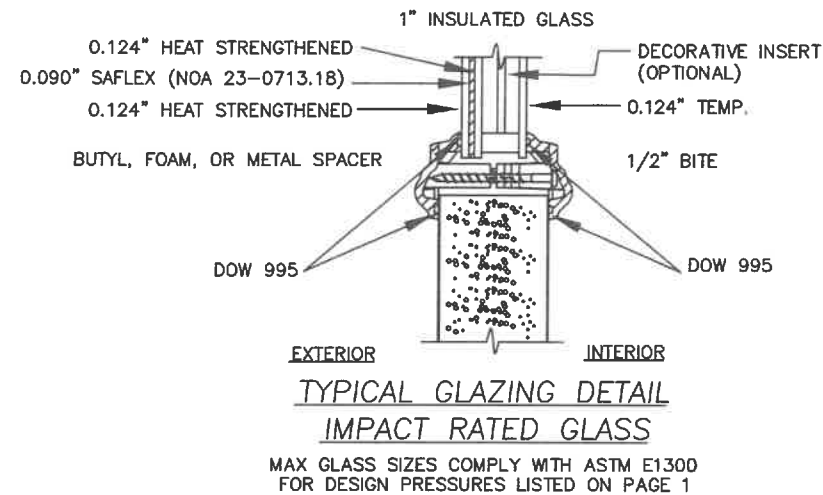
DATE: 4/9/07
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0173-07
SHEET 2 OF 4



NO.	DATE	REVISIONS	BY	SWS	PRODUCT:
H	7/1/25	CORRECTIONS			
G	11/21/23	INNERLAYER NOA			"EXTERIOR DOOR PRODUCT"
F	7/18/20	INNERLAYER NOA			8'0 FIBERGLASS GLAZED
E	12/18/18	ALTERNATE GLAZING			DOUBLE DOOR UNIT
D	10/27/17	ADDED T4			PART OR ASSEMBLY:
C	4/26/17	VARIOUS UPDATES			ANCHORING LOCATIONS
					& DETAILS

DATE: 4/9/07
 SCALE: N.T.S.
 DWG. BY: SWS
 CHK. BY:
 DRAWING NO.:
 DWG-MA-FL0173-07
 SHEET 3 OF 4

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

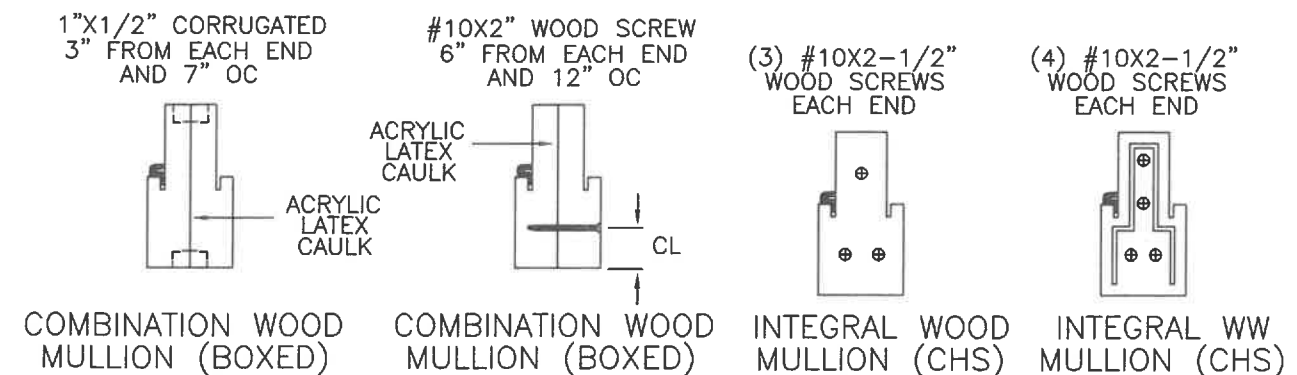


ATTACHMENT DETAIL

- 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".
- ANCHORING INTO STEEL STRUCTURE MUST BE SUFFICIENT TO ACHIEVE 3 THREADS MINIMUM BEYOND STEEL INTERIOR SURFACE.
- 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".
- WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
- MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.

HARDWARE SCHEDULE

- KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 10-1/2" CENTERLINE.
- 4" X 4" FULL MORTISE BUTT HINGES.



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"EXTERIOR DOOR PRODUCT"		8'0" FIBERGLASS GLAZED DOUBLE DOOR UNIT			
SWS	CORRECTIONS	SWS	INNERLAYER NOA	7/1/25	REVISIONS
SWS		SWS	INNERLAYER NOA	11/21/23	
SWS		SWS	ALTERNATE GLAZING	7/18/20	
SWS		SWS	ADDED T4	12/18/18	
SWS		SWS	VARIOUS UPDATES	10/27/17	
BY		DATE		4/26/17	
DATE: 4/9/07		SCALE: N.T.S.			
DWG. BY: SWS		CHK. BY:			
DRAWING NO.:		DWG-MA-FL0173-07			
SHEET 4 OF 4					