# MASONITE.

# STORMGUARD FIBERGLASS DOOR UNIT 6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

#### GENERAL NOTES

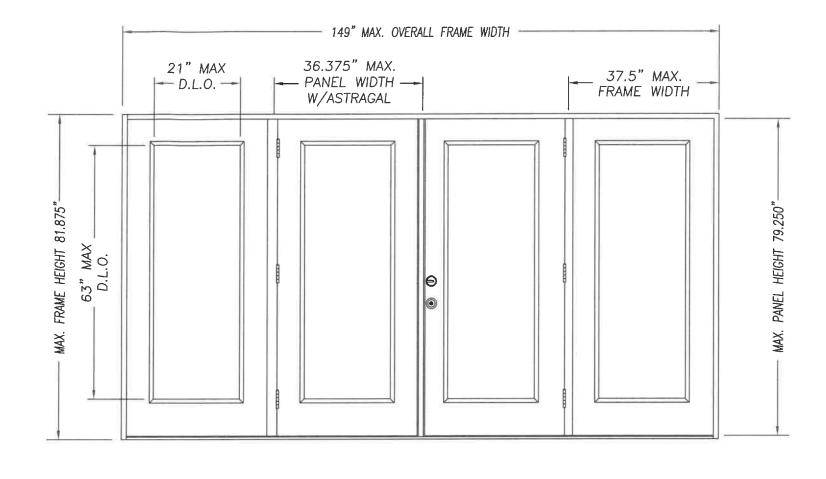
- 1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- 2. THIS PRODUCT DOES NOT REQUIRE THE USE OF A HURRICANE PROTECTIVE SYSTEM (SHUTTERS).
- 3. 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		

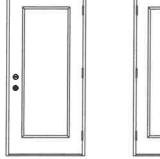
5. PLASTICS TESTING OF WORLDWIDE COMPOSITE FRAME (WHERE USED):

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

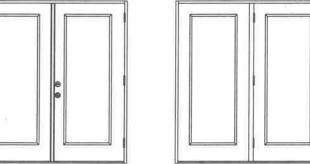
- \* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1
- 6. MAXIMUM GLASS SIZES COMPLY WITH ASTM E1300 FOR THE DESIGN PRESSURES LISTED.



DOUBLE DOOR UNIT W/SIDELITES

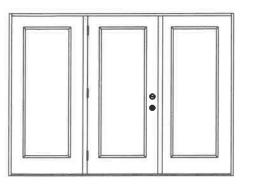


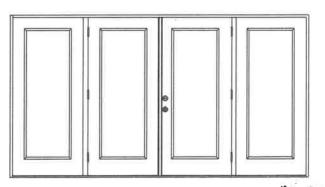












SINGLE DOOR UNIT

DOUBLE DOOR UNIT

SINGLE DOOR UNIT WITH SIDELITE

SINGLE DOOR UNIT WITH SIDELITE

SINGLE DOOR UNIT W/SIDELITES

DOUBLE DOOR UNIT W/SIDELITES

		DESIGN PRESSURE RATING (1:1 OVERHANG OR NO WATER REQUIRED)					WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE							
CONFIG	MAX WIDTH	INSWING OUTSWING				RIES O/S   HP O/S		T4 0/S		HIGH DAM O/S				
X	37.5"	+55.0	<b>−</b> 55.0	+55.0	-55.0	+25.0	-55.0	+40.0	-55.0	+50.0 / -55.0	+55.0	-55.0	+55.0 /	-55.0
XX	74"	+55.0	-55.0	+55.0	-55.0	+25.0	-55.0	+40.0	-55.0	N/A	+55.0	-55.0	+55.0 /	-55.0
OX or XO	75"	+55.0	-55.0	+55.0	-55.0	+25.0	-55.0	+40.0	-55.0	N/A	+55.0	-55.0	+55.0 /	-55.0
OXO	112.5"	+55.0	-55.0	+55.0	-55.0	+25.0	-55.0	+40.0	<b>/</b> −55.0	N/A	+55.0	-55.0	+55.0 /	-55.0
OXXO	149"	+55.0	∕ −55.0	+55.0	-55.0	+25.0 /	-55.0	+40.0	-55.0	N/A	+55.0	-55.0	+55.0 /	-55.0

KURT BALTHAZOR FLORIDA P.E. #56533

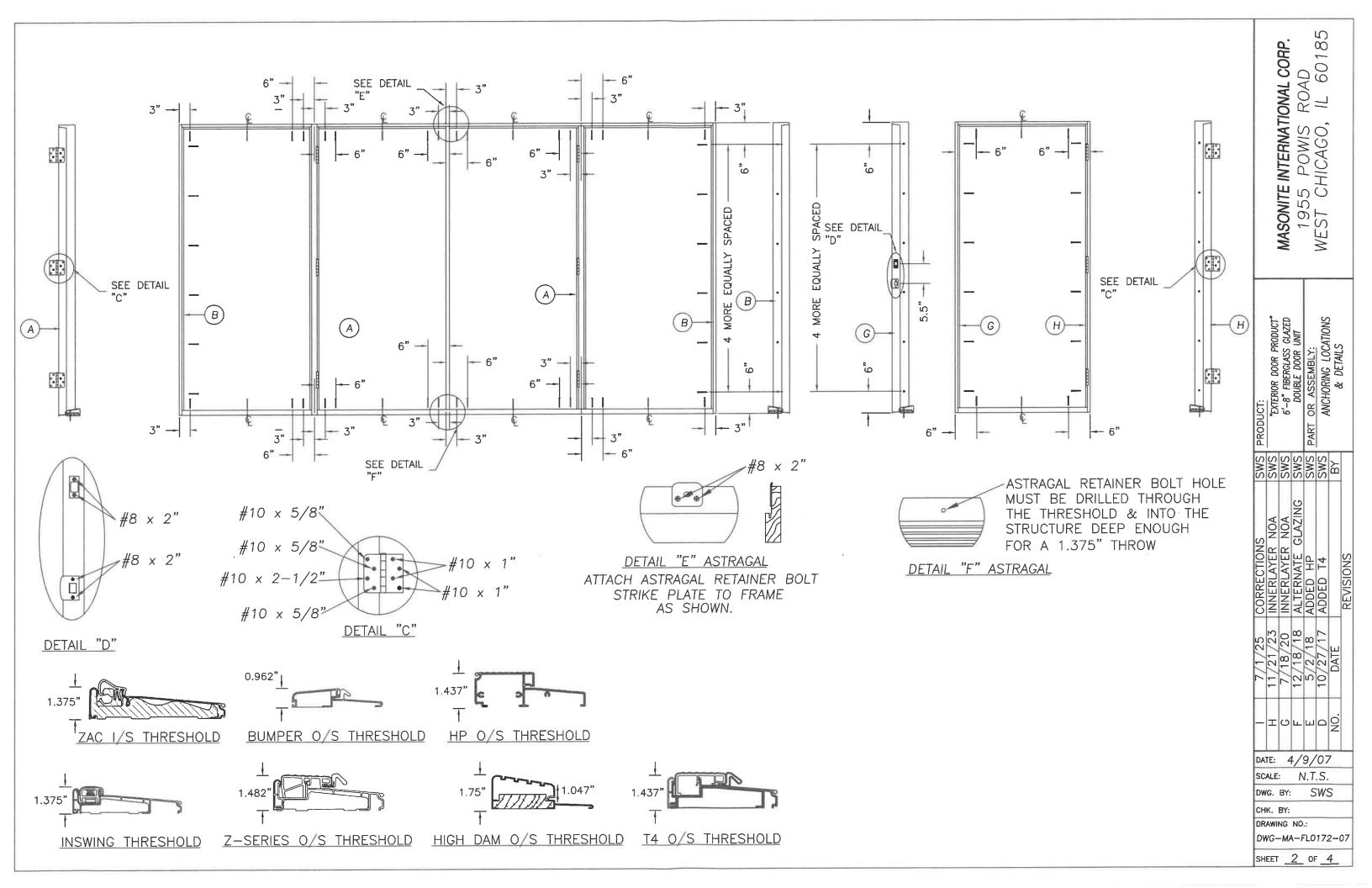
85 MASONITE INTERNATIONAL CORP. 1955 POWIS ROAD WEST CHICAGO, IL 6018

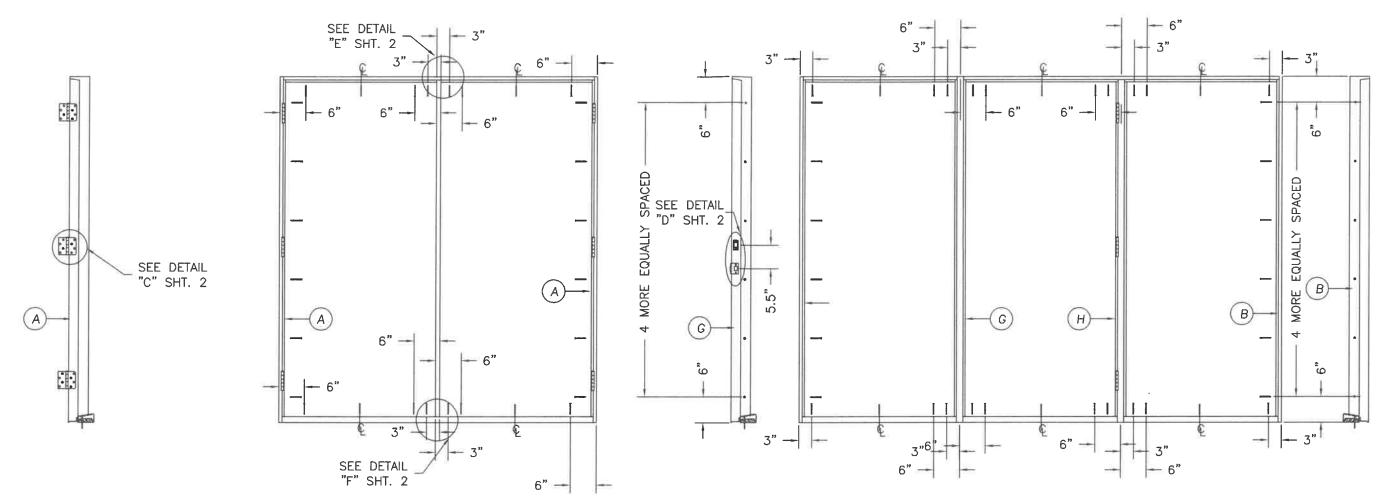
PRODUCT			FIBERGLASS DOOR	PART OF		& GENERAL NOTES			
SMS	SWS	SWS	SMS	SWS	SWS	BY			
CORRECTIONS	INNERLAYER NOA	INNERLAYER NOA	ALTERNATE GLAZING	ADDED HP	ADDED T4		REVISIONS		
7/1/25	11/21/23	7/18/20	12/18/18	5/2/18	10/27/17	DATE			
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DA	DATE: 4/9/07								
SC	SCALE: N.T.S.								

DWG. BY: SWS CHK. BY:

DRAWING NO .: DWG-MA-FL0172-07

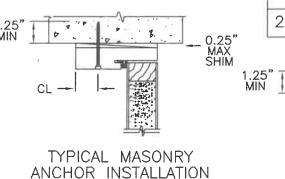
SHEET 1 OF 4

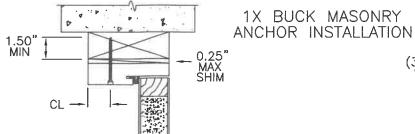




# ATTACHMENT DETAIL

- 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 ACHEIVEMENT 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.

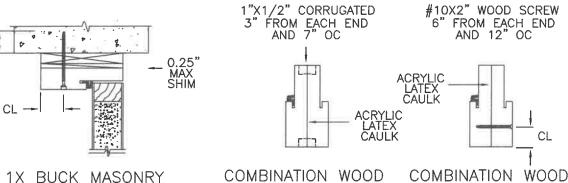




TYPICAL WOOD BUCK ANCHOR INSTALLATION

# HARDWARE SCHEDULE

- KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 5-1/2" CENTERLINE.
- 4" X 4" FULL MORTISE BUTT HINGES.



MULLION (BOXED)

(3) #10X2-1/2" WOOD SCREWS EACH END

> INTEGRAL WOOD MULLION (CHS)

(4) #10X2-1/2" WOOD SCREWS EACH END

MULLION (BOXED)

INTEGRAL WW MULLION (CHS)

85 MASONITE INTERNATIONAL CORP. 1955 POWIS ROAD WEST CHICAGO, IL 6018 ROAD 1L 60

	PRODUCT:		6'-8" FIBERGLASS GLAZED		PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS				
	SMS	SWS	SWS	SWS	SWS	SWS	ВУ		
	CORRECTIONS	INNERLAYER NOA	INNERLAYER NOA	ALTERNATE GLAZING	ADDED HP	ADDED T4		REVISIONS	
	7/1/25	11/21/23	7/18/20	12/18/18	5/2/18	10/27/17	DATE		
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SWS DWG. BY:

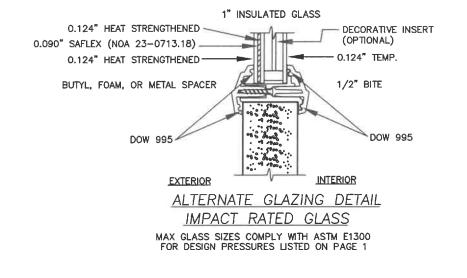
CHK. BY: DRAWING NO.:

DWG-MA-FL0172-07 SHEET 3 OF 4





DWG-MA-FL0172-07 SHEET 4 OF 4



1" INSULATED GLASS 0.124" HEAT STRENGTHENED DECORATIVE INSERT (OPTIONAL) 0.090" SAFLEX (NOA 23-0713.18) 0.124" HEAT STRENGTHENED - 0.124" TEMP. BUTYL, FOAM, OR METAL SPACER 1/2" BITE DOW 995 INTERIOR **EXTERIOR** TYPICAL GLAZING DETAIL IMPACT RATED GLASS

MAX GLASS SIZES COMPLY WITH ASTM E1300 FOR DESIGN PRESSURES LISTED ON PAGE 1

1-1/4" INSULATED GLASS 0.124" HEAT STRENGTHENED INTERNAL MINIBLINDS (OPTIONAL) 0.090" SAFLEX (NOA 23-0713.18) 0.124" HEAT STRENGTHENED 0.124" TEMP. METAL SPACER 1/2" BITE HOT MELT FOAM GLAZING TAPE EXTERIOR INTERIOR ALTERNATE GLAZING DETAIL IMPACT RATED GLASS MAX GLASS SIZES COMPLY WITH ASTM E1300 FOR DESIGN PRESSURES LISTED ON PAGE 1