



STORMGUARD FIBERGLASS DOOR UNIT 6'-8" 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.

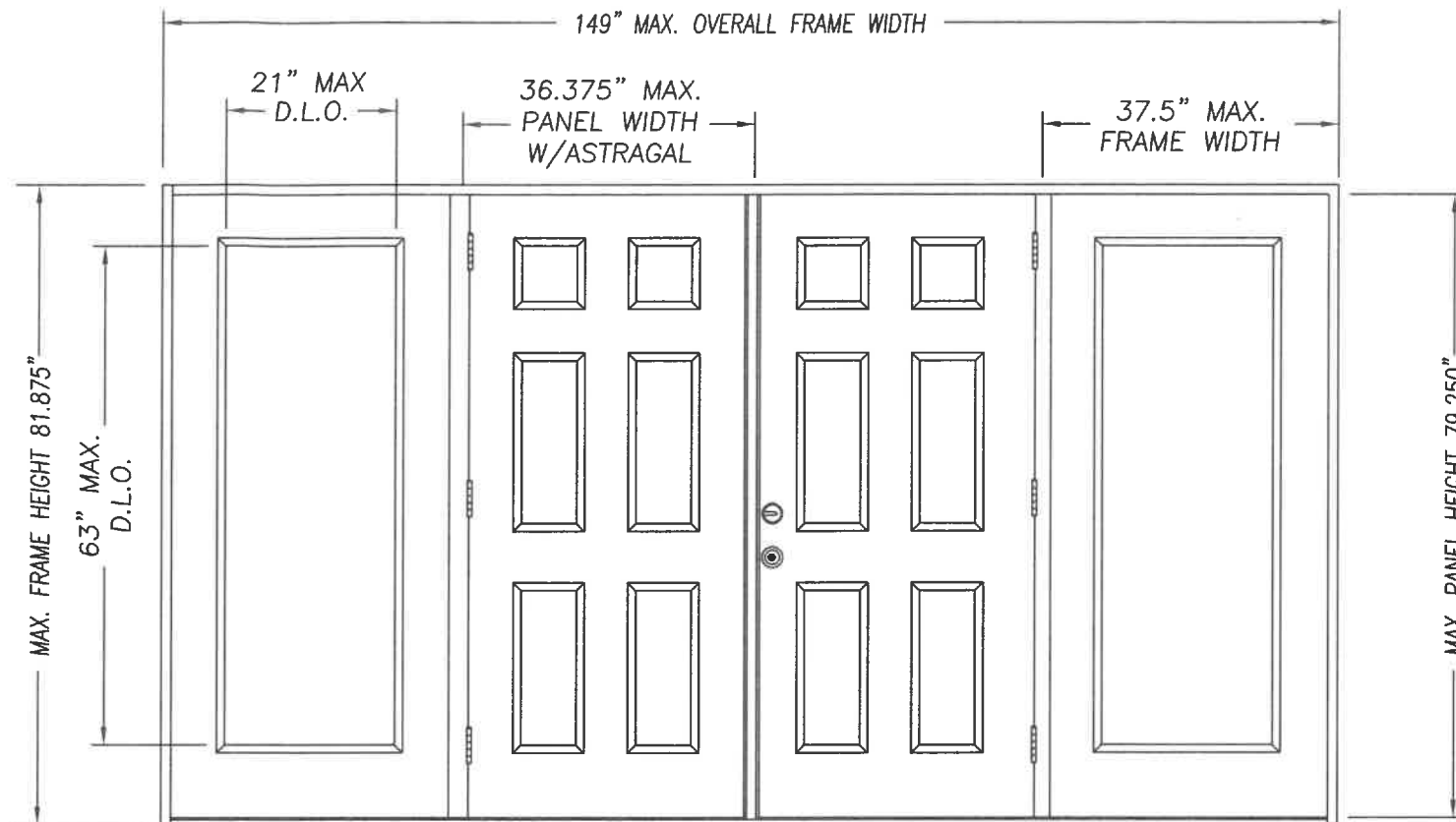
4. PLASTICS TESTING:

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

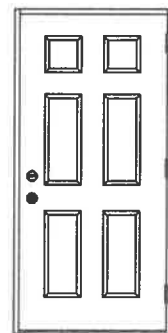
5. PLASTICS TESTING OF WORLDWIDE COMPOSITE FRAME (WHERE USED):

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

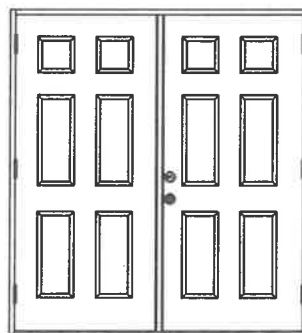
* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING
4500 HOURS XENON ARC METHOD 1



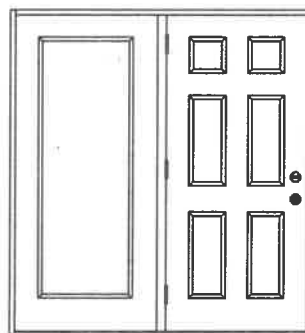
DOUBLE DOOR UNIT W/SIDELITES



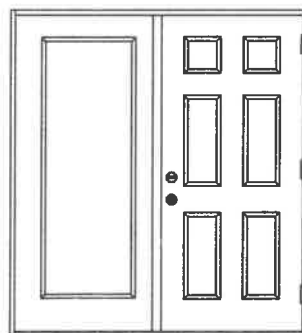
SINGLE DOOR UNIT



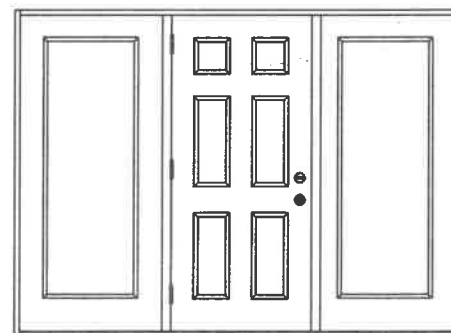
DOUBLE DOOR UNIT



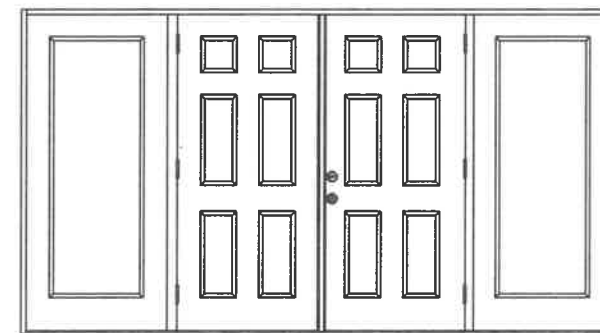
SINGLE DOOR UNIT
WITH SIDELITE



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 NO WATER REQUIRED)		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE					
		INSWING	OUTSWING	BUMPER O/S	Z-SERIES O/S	HP O/S	T4 O/S	HIGH DAM O/S	
X	37.5"	+60.0 / -65.0	+60.0 / -60.0	+25.0 / -60.0	+40.0 / -60.0	+50.0 / -60.0	+60.0 / -60.0	+60.0 / -60.0	
XX	74"	+50.0 / -50.5	+55.0 / -50.5	+25.0 / -50.5	+40.0 / -50.5	N/A	+55.0 / -50.5	+55.0 / -50.5	
OX or XO	75"	+50.5 / -50.5	+55.0 / -50.5	+25.0 / -50.5	+40.0 / -50.5	N/A	+55.0 / -50.5	+55.0 / -50.5	
OXO	112.5"	+50.5 / -50.5	+55.0 / -50.5	+25.0 / -50.5	+40.0 / -50.5	N/A	+55.0 / -50.5	+55.0 / -50.5	
OXXO	149"	+50.0 / -50.5	+55.0 / -50.5	+25.0 / -50.5	+40.0 / -50.5	N/A	+55.0 / -50.5	+55.0 / -50.5	

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3	ANCHORING LOCATIONS & DETAILS

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

PRODUCT:
"EXTERIOR DOOR PRODUCT"
DOUBLE 6'-8" OPAQUE
FIBERGLASS DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

SWS	SWS	SWS	SWS	SWS	SWS	BY
CORRECTIONS	INNERLAYER NOA	INNERLAYER NOA	ADDED HP	ADDED T4	VARIOUS UPDATES	
7/1/25	11/21/23	7/18/20	5/2/18	10/27/17	4/26/17	DATE
H	G	F	E	D	C	NO.
						REVISIONS

DATE: 4/9/07

SCALE: N.T.S.

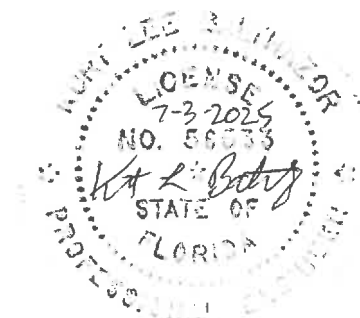
DWG. BY: SWS

CHK. BY:

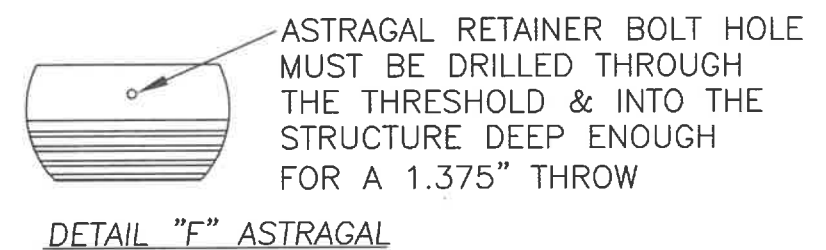
DRAWING NO.:

DWG-MA-FL0170-07

SHEET 1 OF 3



KURT BALTHAZOR
FLORIDA P.E.
#56533



1" INSULATED GLASS

0.124" HEAT STRENGTHENED

0.090" SAFLEX (NOA 23-0713.18)

0.124" HEAT STRENGTHENED

BUTYL, FOAM, OR METAL SPACER

DECORATIVE INSERT (OPTIONAL)

0.124" TEMP.

1/2" BITE

DOW 995

DOW 995

EXTERIOR

INTERIOR

ALTERNATE GLAZING DETAIL

INSULATED GLASS

This diagram illustrates an alternate glazing detail for insulated glass. It shows a cross-section of the assembly. At the top, a 1" thick insulated glass unit is shown, consisting of two 0.124" heat-strengthened glass panes separated by a 0.090" SAFLEX (NOA 23-0713.18) spacer. A decorative insert (optional) is shown on the right side. The glass is held in place by a 0.124" thick temporary spacer. The assembly is secured with DOW 995 fasteners. A 1/2" bite is indicated for the fasteners. The diagram also shows the exterior and interior surfaces of the glass panes.

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

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

