



FIBERGLASS DOOR UNIT

6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

GENERAL NOTES

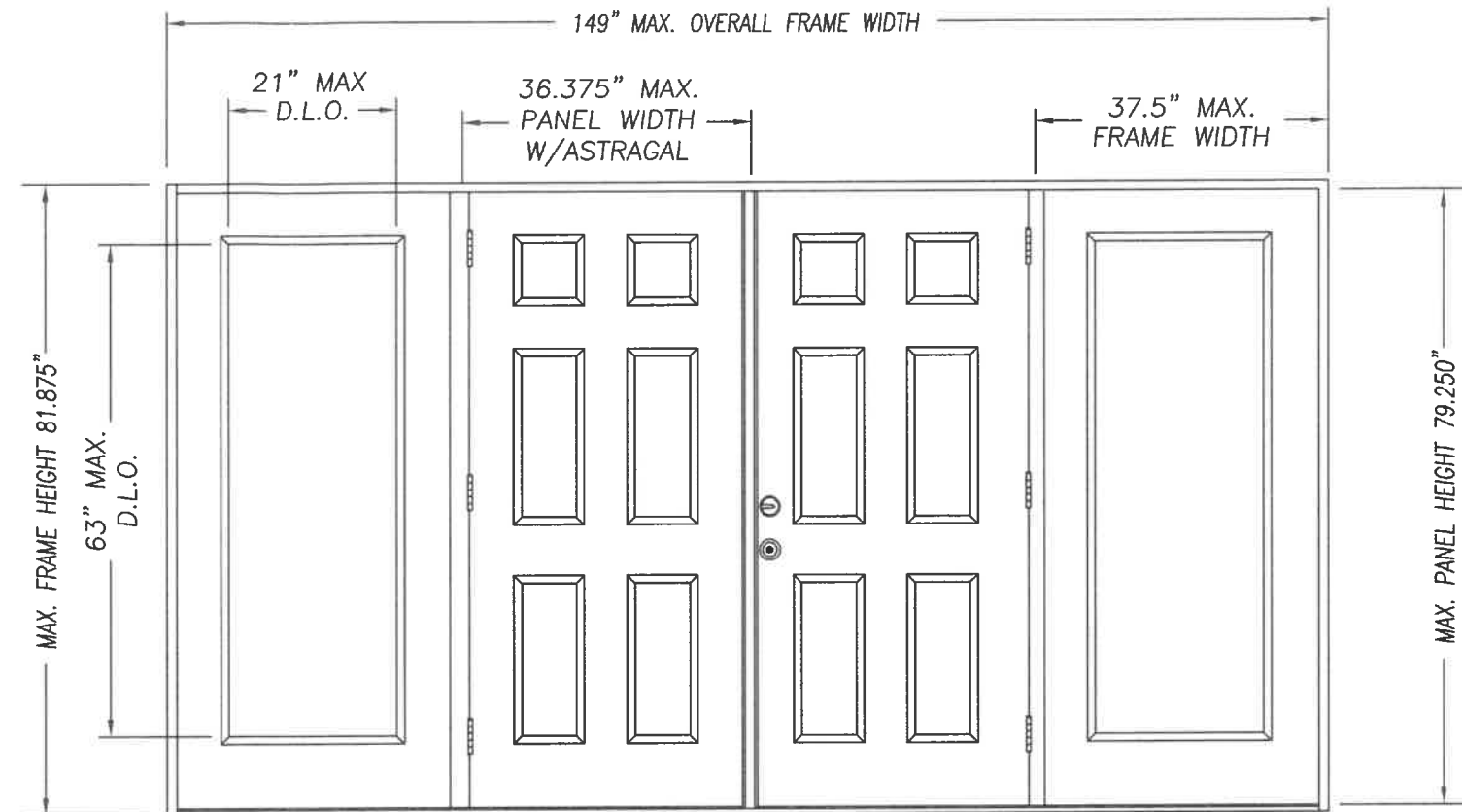
- EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED.
- WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM IS NOT REQUIRED ON OPAQUE PANELS, BUT IS REQUIRED ON GLAZED SIDELITES.
- POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.
- PLASTICS TESTING:

TEST DESCRIPTION	DESIGNATION	FACING	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	752 °F > 650 °F	740 °F > 650 °F
RATE OF BURNING	ASTM D635	0.56 IN/MIN	0.77 IN/MIN
SMOKE DENSITY	ASTM D2843	53.4%	13.4%
TENSILE STRENGTH*	ASTM D638	3.2% DIFF	7.1% DIFF

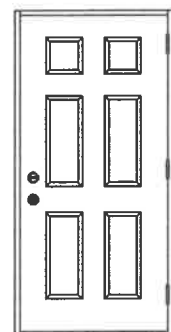
- PLASTICS TESTING OF WORLDWIDE COMPOSITE FRAME (WHERE USED):

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

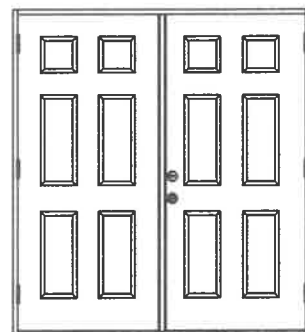
* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING
4500 HOURS XENON ARC METHOD 1



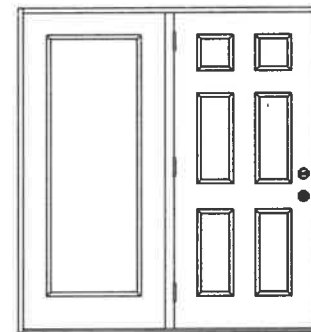
DOUBLE DOOR UNIT W/SIDELITES



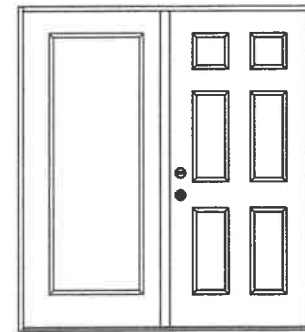
SINGLE DOOR UNIT



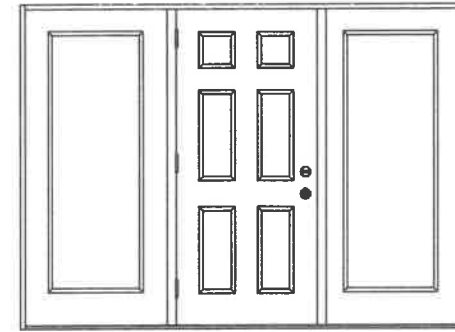
DOUBLE DOOR UNIT



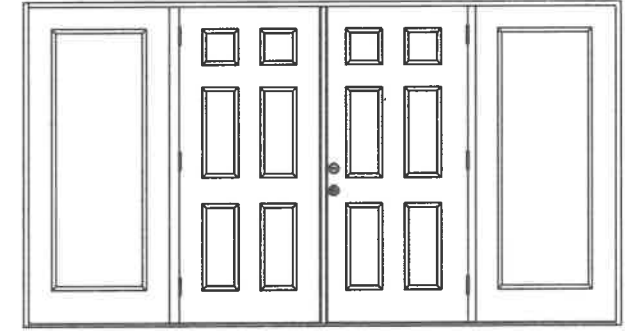
SINGLE DOOR UNIT
WITH SIDELITE



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 WHERE NO WATER REQUIRED)		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE						
		INSWING	OUTSWING	INSWING	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	N/A	+25.0 / -60.0	+40.0 / -60.0	+50.0 / -60.0	+60.0 / -60.0	+55.0	-60.0
XX	74"	+50.0 / -50.0	+50.0 / -50.0	N/A	+25.0 / -50.0	+40.0 / -50.0	N/A	+50.0 / -50.0	+50.0	-50.0
OX or XO	75"	+50.0 / -50.0	+50.0 / -50.0	N/A	+25.0 / -50.0	+40.0 / -50.0	N/A	+50.0 / -50.0	+50.0	-50.0
OXO	112.5"	+50.0 / -50.0	+50.0 / -50.0	N/A	+25.0 / -50.0	+40.0 / -50.0	N/A	+50.0 / -50.0	+50.0	-50.0
OXXO	149"	+50.0 / -50.0	+50.0 / -50.0	N/A	+25.0 / -50.0	+40.0 / -50.0	N/A	+50.0 / -50.0	+50.0	-50.0

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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	BY
	CORRECTIONS	TEXT CORRECTIONS	MISC UPDATE	ADDED HP	UPDATED DATA	
7/1/25						
10/31/22						
7/18/20						
5/2/18						
11/27/17						
DATE						
REVISIONS						

DATE: 4/26/17

SCALE: N.T.S.

DWG. BY: SWS

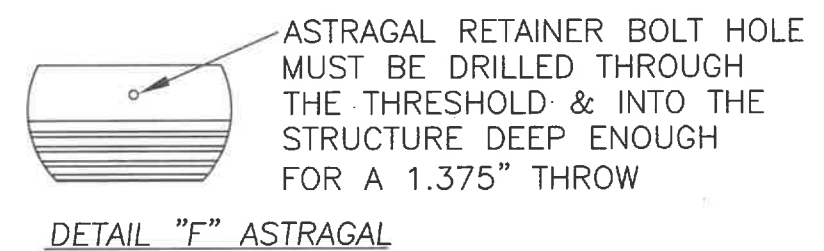
CHK. BY:

DRAWING NO.:

DWG-MA-FL0187-17

SHEET 1 OF 3

KURT BALHAZOR
FLORIDA P.E.
#56533

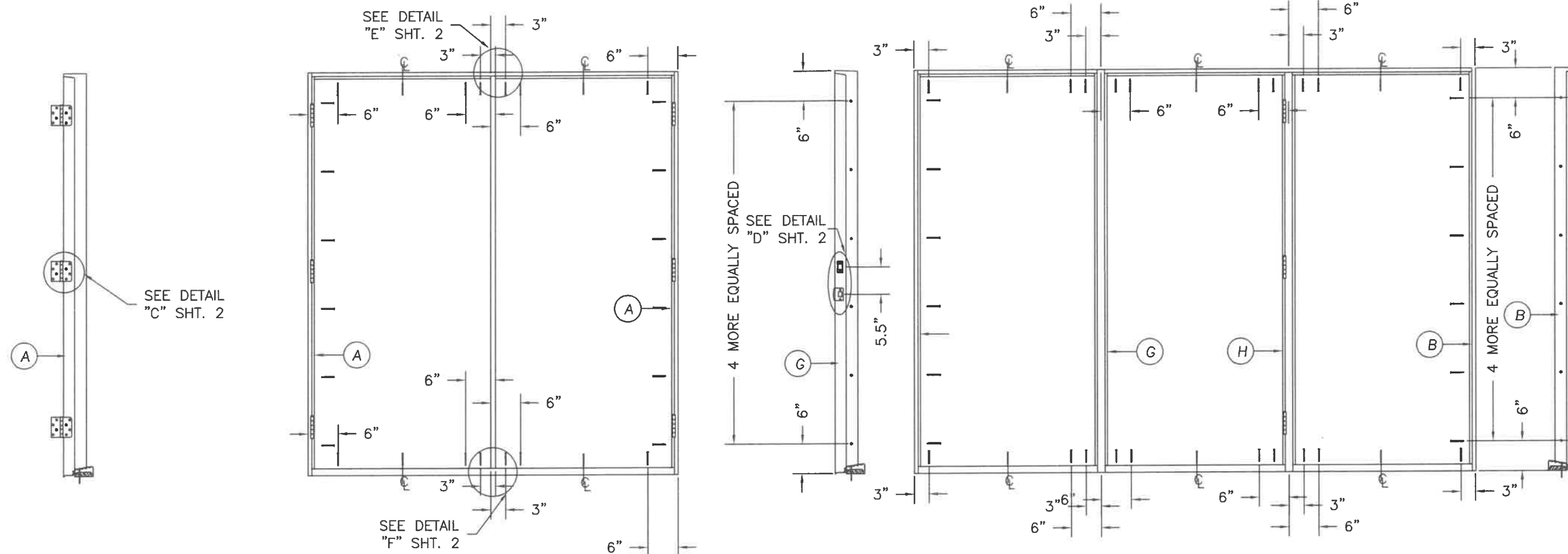


1.437"

T4 O/S THRESHOLD

DATE: 4/26/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0187-17
SHEET 2 OF 3

DATE: 4/26/17			PRODUCT:		
SCALE: N.T.S.			"EXTERIOR DOOR PRODUCT"		
DWG. BY: SWS			6'-8" FIBERGLASS OPAQUE		
CHK. BY:			DOUBLE DOOR UNIT		
DRAWING NO.:			PART OR ASSEMBLY:		
DWG-MA-FL0187-1			ANCHORING LOCATIONS		
SHEET 3 OF 3			& DETAILS		
			SWS		
			CORRECTIONS		
E 7/1/25			SWS		
			TEXT CORRECTIONS		
D 10/31/22			SWS		
			MISC UPDATE		
C 7/18/20			SWS		
			ADDED HP		
B 5/2/18			SWS		
			UPDATED DATA		
A 11/27/17			SWS		
NO. DATE			BY		



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.

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.

