## MASONITE.

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

## GENERAL NOTES

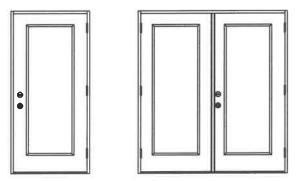
- 1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- 2. WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED.
- 3. WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION, HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED.
- 4. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.
- 5. 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

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

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

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





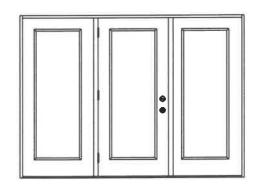
DOUBLE DOOR UNIT



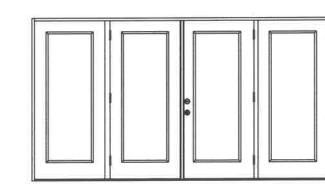
SINGLE DOOR UNIT



SINGLE DOOR UNIT



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

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

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KURT BALTHAZOR
FLORIDA P.E.
#565 <i>33</i>

	21" MAX 36.375" MAX.  D.L.O. PANEL WIDTH — FRAME WIDTH — FRAME WIDTH					
MAX. FRAME HEIGHT 81.875"  63" MAX  D.L.O.			MAX. PANEL HEIGHT 79.250"			

DOUBLE DOOR UNIT W/SIDELITES



SCALE: N.T.S.

DWG. BY: SWS

CHK. BY:

DRAWING NO.:

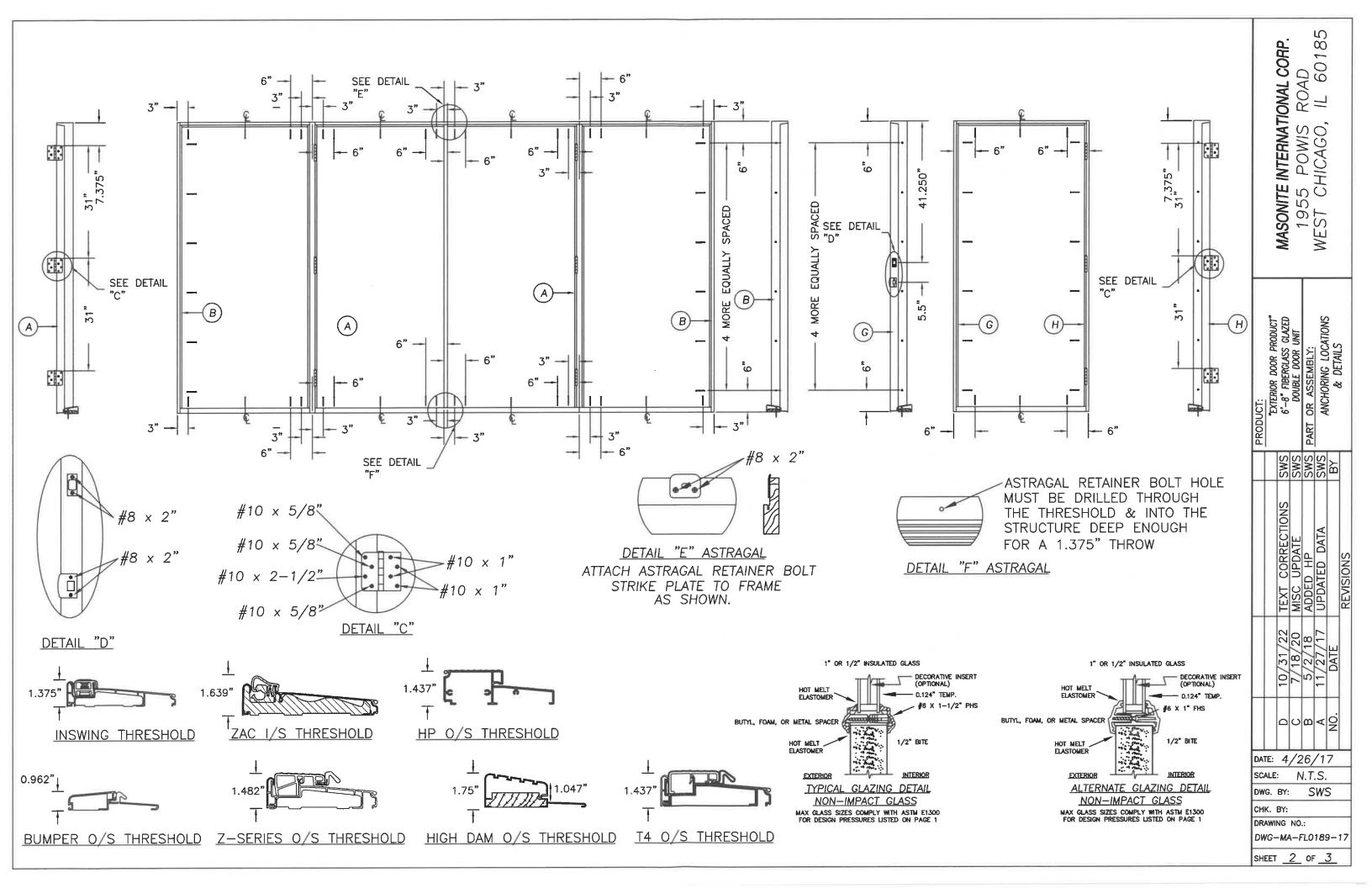
DWG-MA-FL0189-17

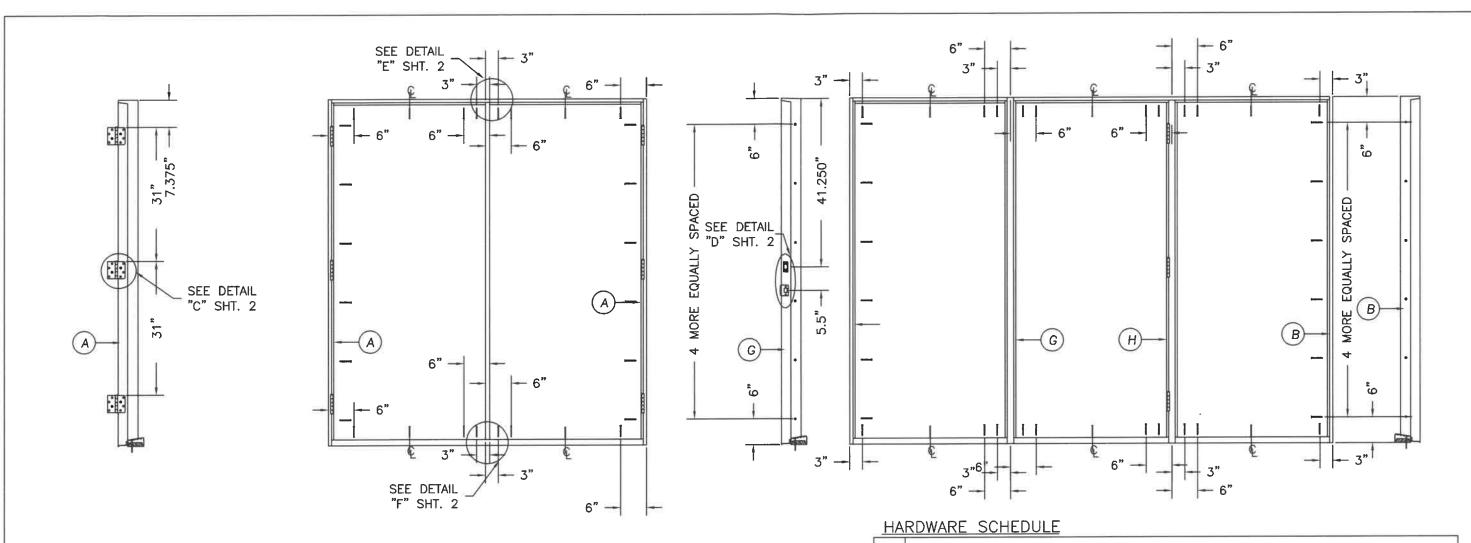
TEXT CORRECTIC
MISC UPDATE
ADDED HP
UPDATED DATA

DATE: 4/26/17

SHEET 1 OF 3

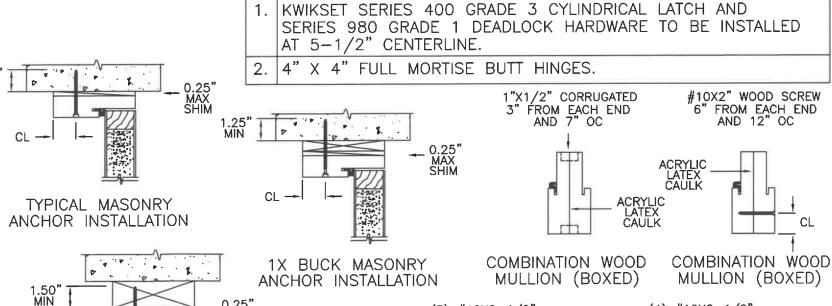
MASONITE INTERNATIONAL CORP.
1955 POWIS ROAD
WEST CHICAGO, IL 6018

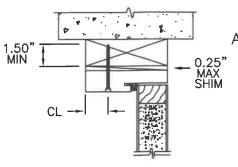




## ATTACHMENT DETAIL

- 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

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

INTEGRAL WOOD
MULLION (CHS)

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

INTEGRAL WW MULLION (CHS) MASONITE INTERNATIONAL CORP.
1955 POWIS ROAD
WEST CHICAGO, IL 60185

PRODUCT:	"EXTERIOR DOOR PRODUCT"	6'-8" FIBERGLASS GLAZED		PART OR ASSEMBLY:	ANCHORING LOCATIONS	& DETAILS	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		SWS	SWS	SMS	SWS	ВУ	
		TEXT CORRECTIONS	MISC UPDATE	ADDED HP	UPDATED DATA		REVISIONS
			7/18/20	5/2/18	11/27/17	DATE	
			$\overline{}$				

DATE: 4/26/17

N.T.S.

DWG-MA-FL0189-17

SHEET 3 OF 3

SWS

SCALE:

DWG. BY:

CHK. BY:

DRAWING NO.: