# MASONITE.

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

#### GENERAL NOTES

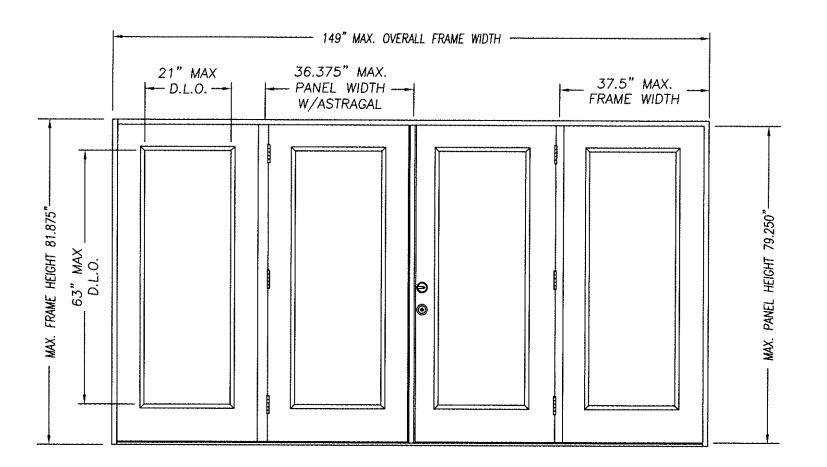
- 1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- 2. WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE 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	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

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

TEST DESCRIPTION	DESIGNATION	RESULI
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

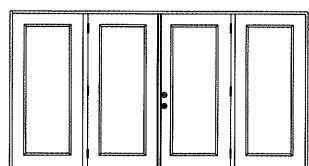


#### DOUBLE DOOR UNIT W/SIDELITES

Addendum to NAMI

Certification No.: NTO13717 Reviewed By:

Date Reviewed 5/12/17



SINGLE DOOR UNIT WITH SIDELITE

SINGLE DOOR UNIT W/SIDELITES

DOUBLE DOOR UNIT W/SIDELITES

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HOLE DOOD LINIT	חסנותו ב מספת נאויד

SINGLE	DOOR	וואט

WITH SIDELITE

		DESIGN PRESSURE RATING			WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE							
CONFIG	MAX WIDTH	INSWING OUTSWING		INSWING	BUMPE	BUMPER O/S		Z-SERIES O/S		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	<del>-40.0</del>
XX	74"	+40.0 /	-40.0	+40.0	-40.0	N/A	+25.0 /	-25.0	+40.0 /	-40.0	+40.0	/ -40.0
OX or XO	75"	+40.0 /	-40.0	+40.0	-40.0	N/A	+25.0	<del>-25.0</del>	+40.0 /	-40.0	+40.0	/ -40.0
OXO	112.5"	+40.0 /	-40.0	+40.0	<b>-40.0</b>	N/A	+25.0	-25.0	+40.0 /	-40.0	+40.0	/ -40.0
OXXO	149"	+40.0 /	-40.0	+40.0	/ -40.0	N/A	+25.0	<sup>7</sup> −25.0	+40.0 /	-40.0	+40.0	/ -40.0

KI I BUTY

KURT BALTHAZOR FLORIDA P.E. #56533

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PRODUCT:	"EXTERIOR DOOR PRODUCT"	DOUBLE 6'8" GLAZED	FIBERGLASS DOOR	PART OR ASSEMBLY:	TYPICAL ELEVATIONS	& GENERAL NOTES	
						BY	
							REVISIONS
						DATE	
						SO.	
DA'	Œ:	4,	/2	6/ I.T. S	1	7	
SC	ALE:	:	N	I.T.	<u>S.</u>		$ \bot $
DW	G.	BY:		S	WS	5	

ROAD IL 60185

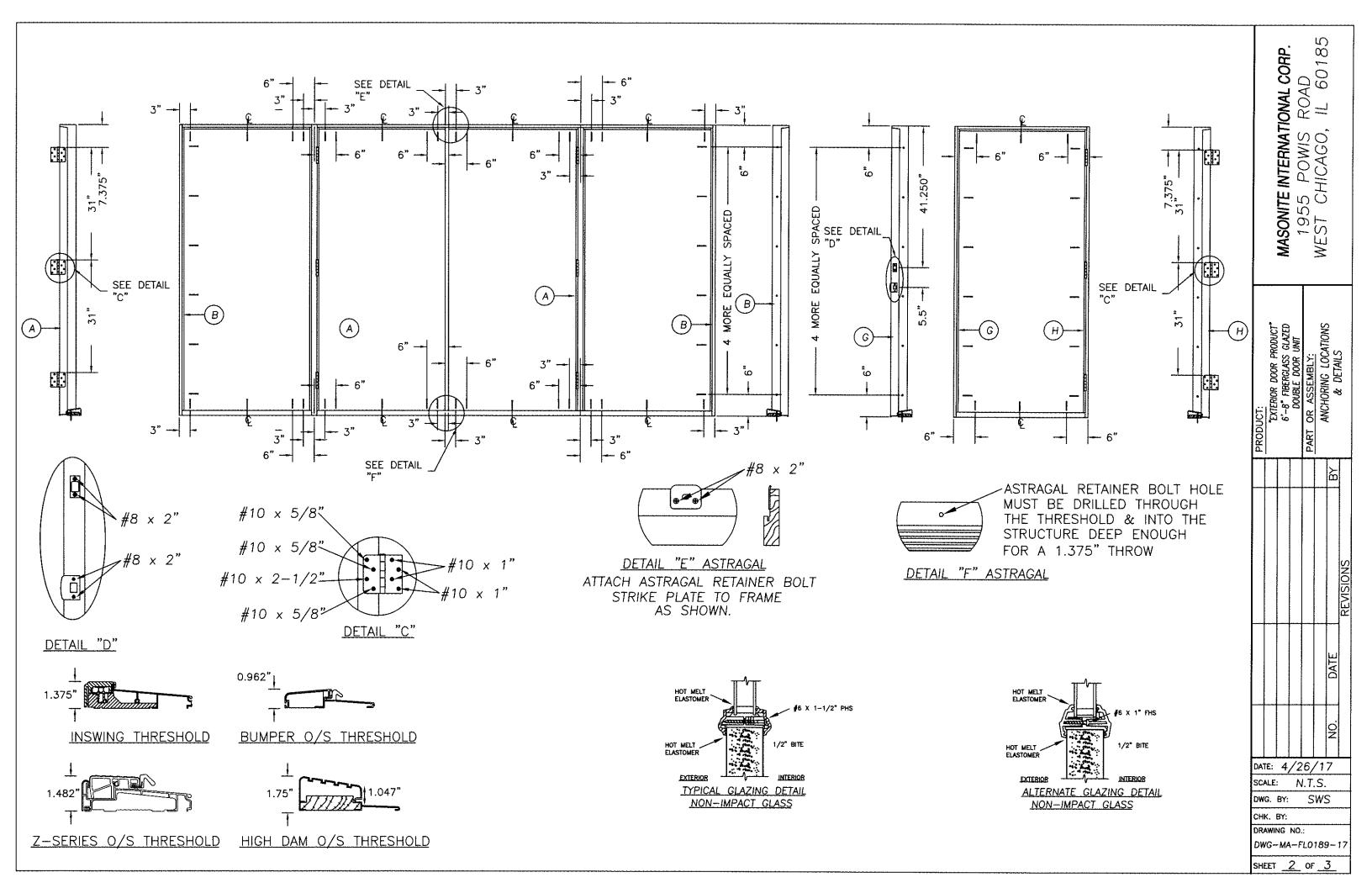
1955 POWIS ROAD
1EST CHICAGO, IL 6018

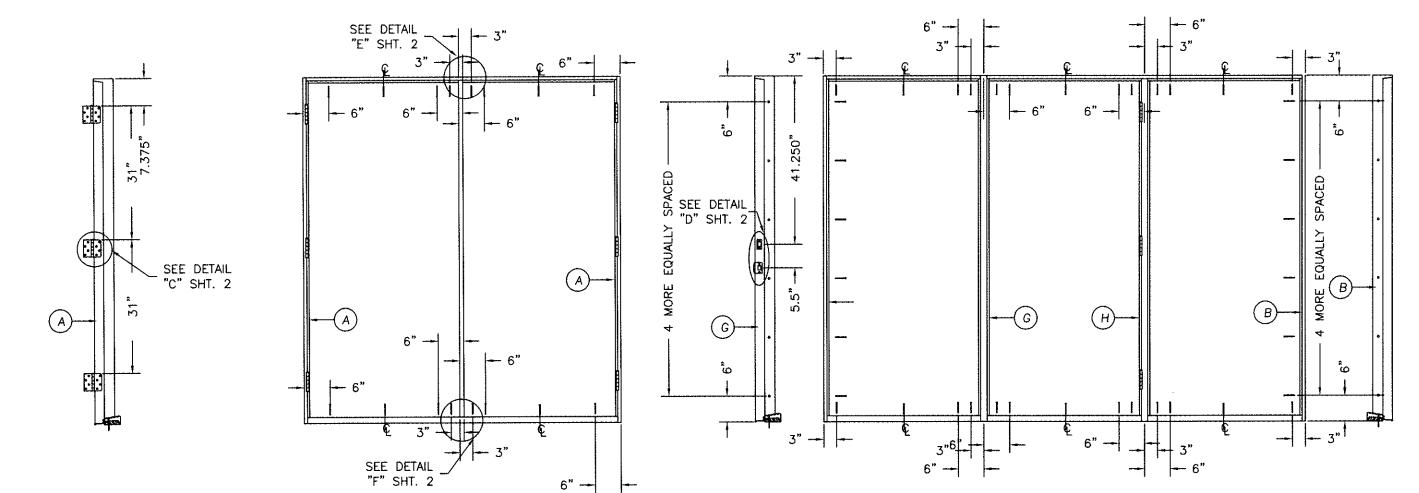
DWG. BY: SWS CHK. BY: DRAWING NO .:

DWG-MA-FL0189-17 SHEET 1 OF 3

# SINGLE DOOR UNIT DOUBLE DOOR UNIT

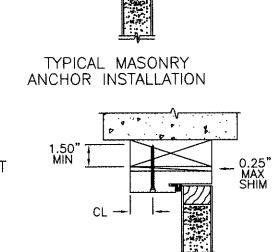
	TABLE OF CONTENTS					
SHEET #	DESCRIPTION					
1	TYPICAL ELEVATIONS & GENERAL NOTES					
2	ANCHORING LOCATIONS & DETAILS					
3	ANCHORING LOCATIONS & DETAILS					





# ATTACHMENT DETAIL

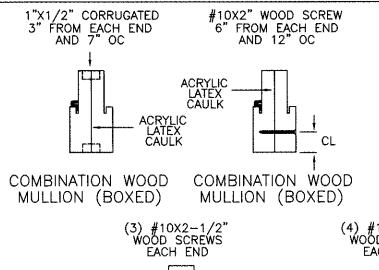
- 1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY ROBERTO LOMAS, PE (FLORIDA #62514) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS OR 1/4" TAPCONS. 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".
- 2. 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".
- 3. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
- 4. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.



TYPICAL WOOD BUCK ANCHOR INSTALLATION

### HARDWARE SCHEDULE

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



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

DATE: 4/26/17 SCALE: N.T.S. DWG. BY: SWS

CHK. BY: DRAWING NO.:

DWG-MA-FL0189-17