# MASONITE.

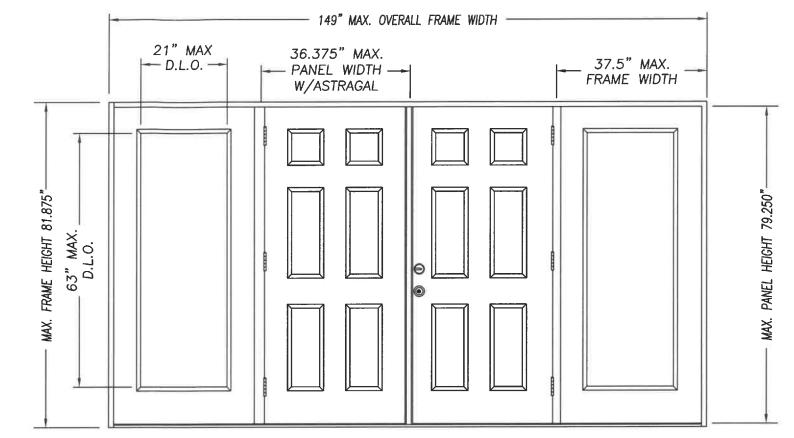
## STEEL-EDGE STEEL DOOR UNIT 6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

#### GENERAL NOTES

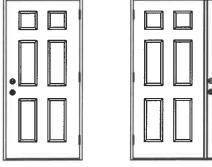
- 1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- 2. WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION OR THE HIGH VELOCITY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

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

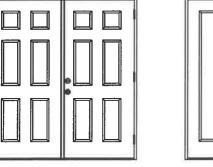
\* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1



DOUBLE DOOR UNIT W/SIDELITES



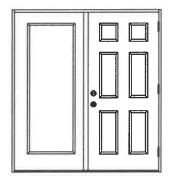
SINGLE DOOR UNIT DO



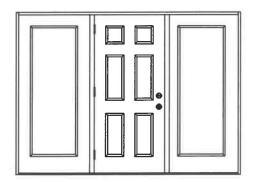
DOUBLE DOOR UNIT



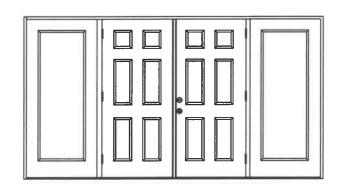
SINGLE DOOR UNIT WITH SIDELITE



SINGLE DOOR UNIT WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

DESIGN PRESSURE RATING					WHERE WATER INFILTRATION PERFORMANCE IS										
		(1:1 OVERHANG OR WHERE NO WATER REQUIRED)				REQUIRED TO BE 15% OF DESIGN PRESSURE									
CONFIG	MAX WIDTH	INS	WING	OUT:	SWING	BUMP	ER O/S	Z-SER	IES O/S	HIGH [	OAM O/S	T4		HP C	)/S
X	37.5"	+65.0	<del>-65.0</del>	+65.0	-65.0	+25.0 /	-25.0	+40.0	-40.0	+50.0	/ -50.0	+50.0	-50.0	+50.0 /	-50.0
XX	74"	+55.0	-55.0	+55.0	-55.0	+25.0 /	-25.0	+40.0	-40.0	+50.0	<b>/ -</b> 50.0	N/	/A	N/A	Α
OX or XO	75"	+55.0	-55.0	+55.0	-55.0	+25.0 /	-25.0	+40.0	-40.0	+50.0	/ -50.0	N/	/A	N/i	Α
OXO	112.5"	+55.0	-55.0	+55.0	-55.0	+25.0 /	-25.0	+40.0	<b>/</b> −40.0	+50.0	/ -50.0	N/	/A	N/A	Α:
OXXO	149"	+55.0	<sup>7</sup> −55.0	+55.0	-55.0	+25.0 /	-25.0	+40.0	-40.0	+50.0	-50.0	N/	A	N/	A

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



KURT BALTHAZOR FLORIDA P.E. #56533

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

TOUGOUT.	PRODUCI:	"EXTERIOR DOOR PRODUCT"	DOUBLE 6'8" OPAQUE	STEEL-EDGE STEEL DOOR	PART OR ASSEMBLY:	TYPICAL ELEVATIONS	& GENERAL NOTES	
				SMS	SWS	SMS	ВУ	
				MISC EDITS	ADDED THRESHOLDS	CORRECTED GLAZING		REVISIONS
				7/18/20	4/6/18	10/23/17	DATE	
				ပ	В	∢	NO.	
H	_	E:		/2	1/	/1	7	
12	SCALE: N.T.S.							

DWG. BY:

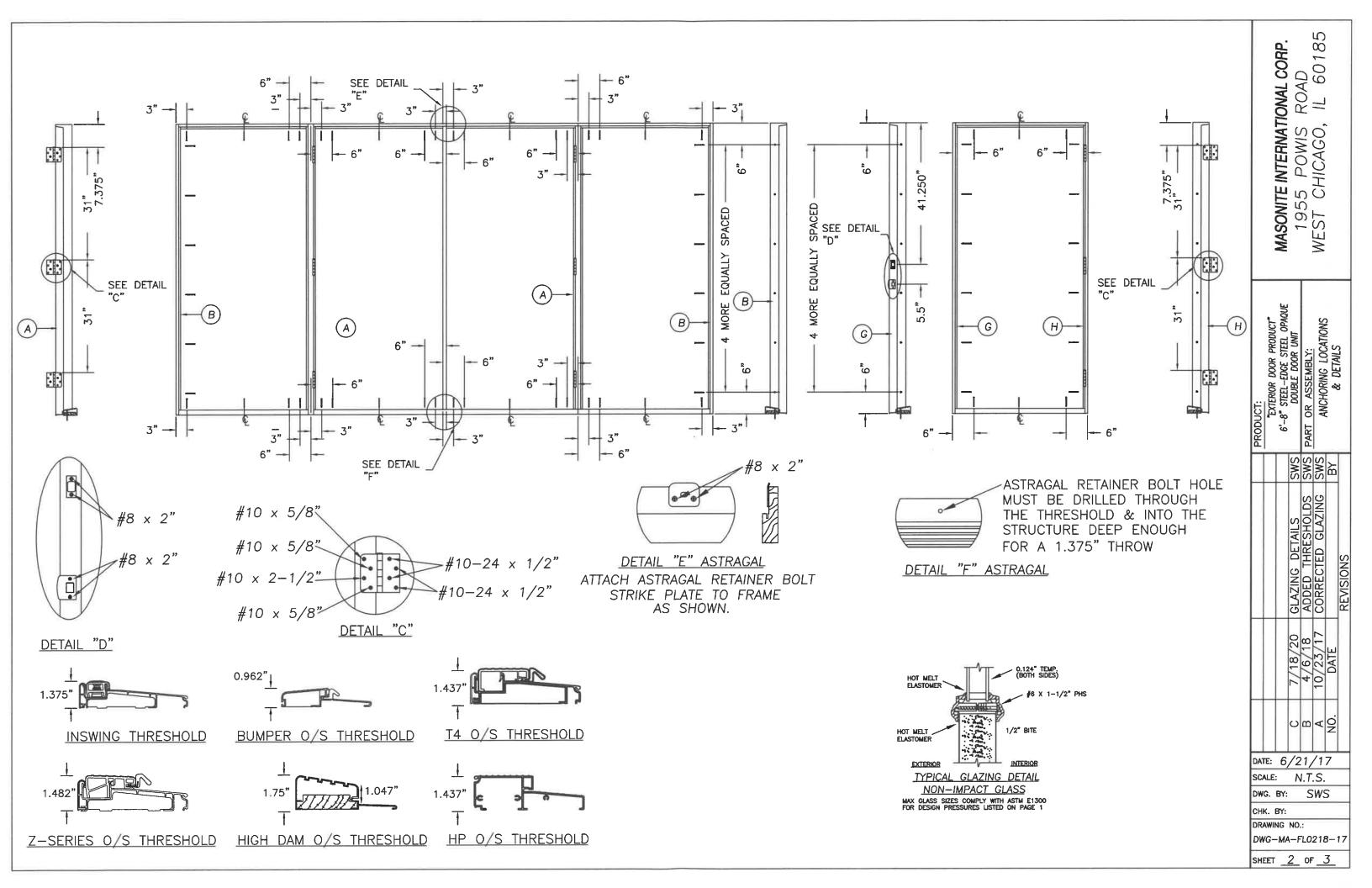
CHK. BY:

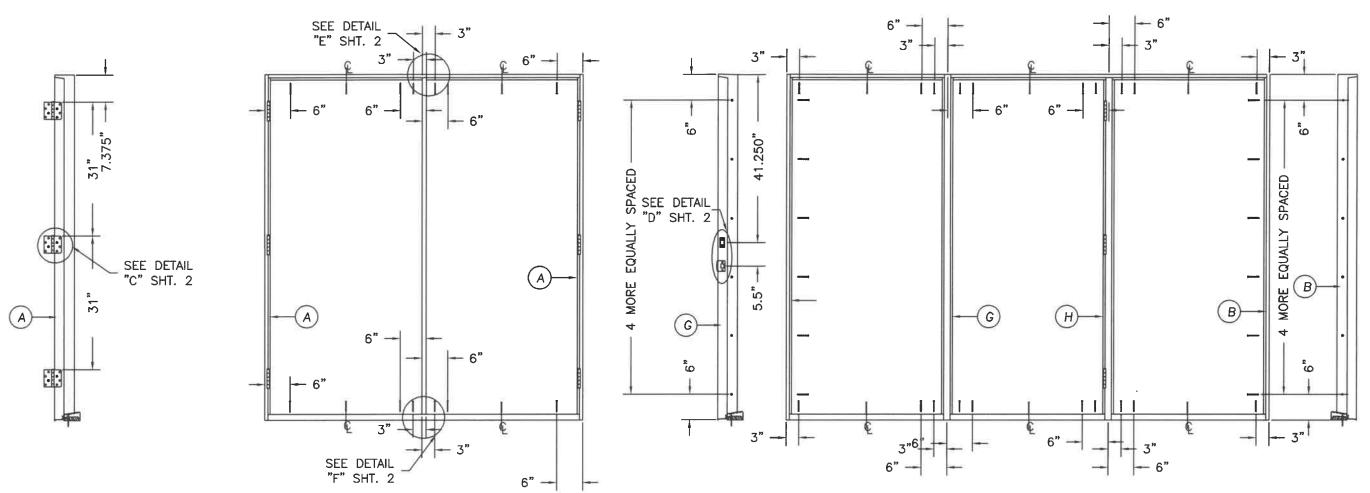
DRAWING NO .:

DWG-MA-FL0218-17

SHEET <u>1</u> OF <u>3</u>

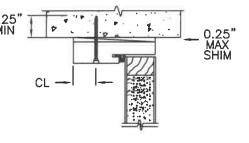
SWS



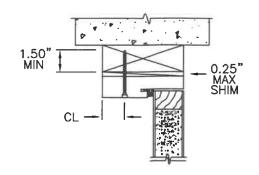


### ATTACHMENT DETAIL

- 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.



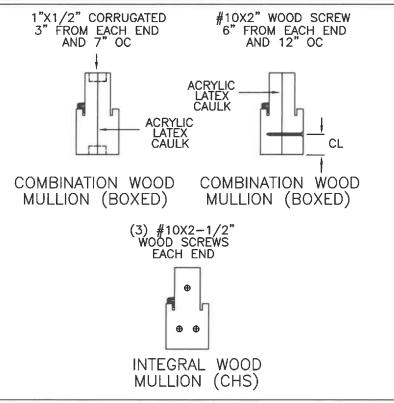
TYPICAL MASONRY ANCHOR INSTALLATION



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.



MASONITE INTERNATIONAL CORP.

1955 POWIS ROAD

WEST CHICAGO, IL 60185

DATE: 6/21/17 SCALE: N.T.S. SWS DWG. BY: CHK. BY:

DRAWING NO .:

DWG-MA-FL0218-17

SHEET 3 OF 3