



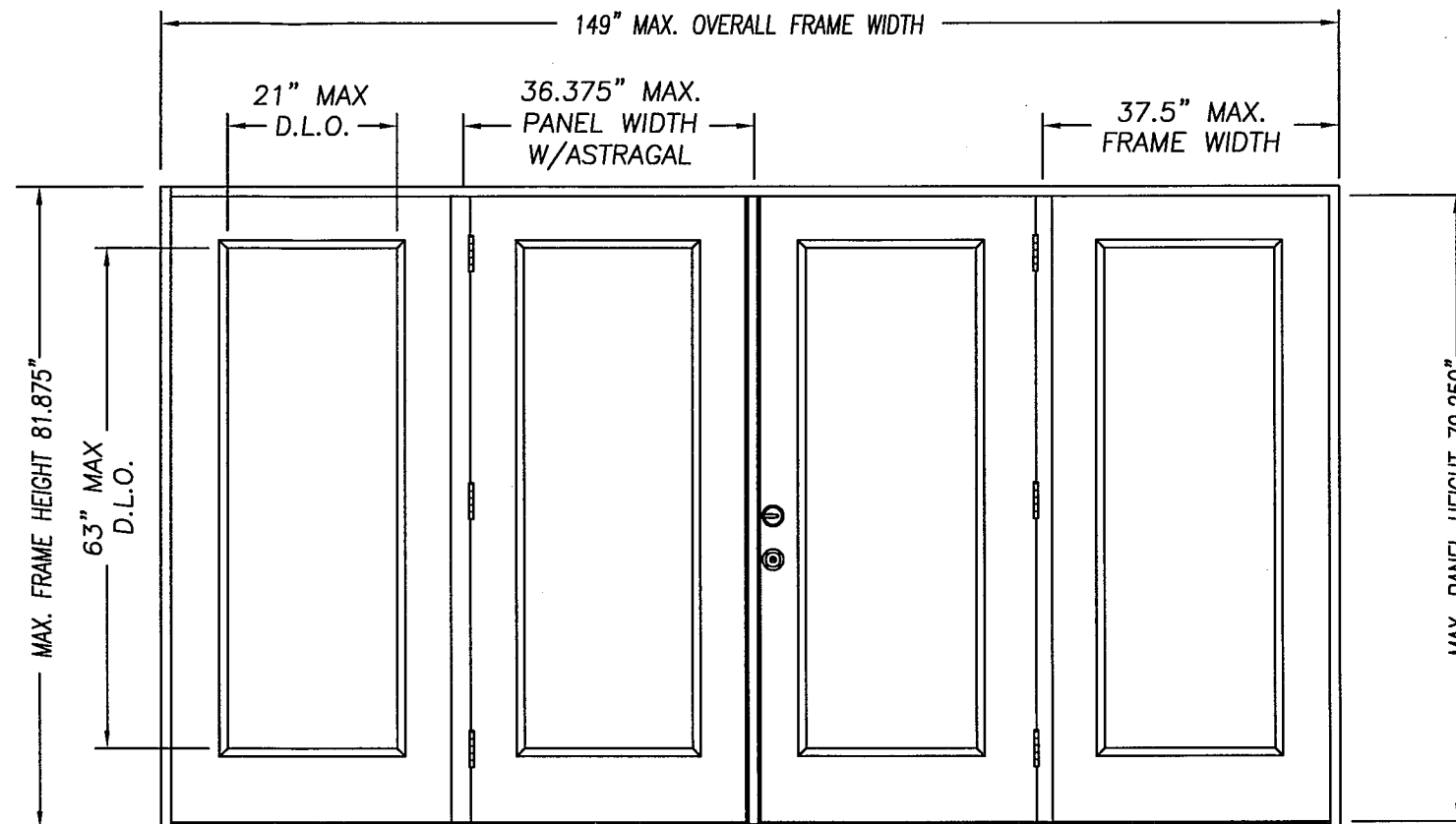
GENERAL NOTES

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.

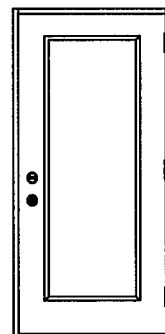
PLASTICS TESTING:		
TEST DESCRIPTION	DESIGNATION	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	740 °F > 650 °F
RATE OF BURNING	ASTM D635	0.77 IN/MIN
SMOKE DENSITY	ASTM D2843	13.4%
TENSILE STRENGTH*	ASTM D638	7.1% DIFF

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

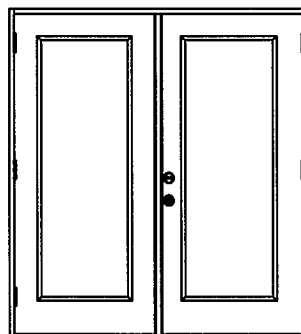
6. DOOR SLABS MUST BE STAMPED "HPC" ON TOP RAIL.



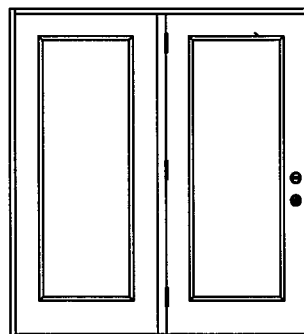
DOUBLE DOOR UNIT W/SIDELITES



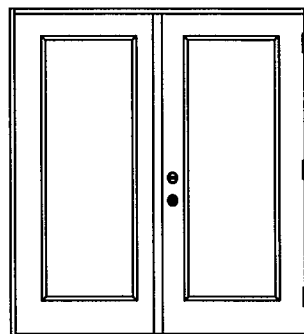
SINGLE DOOR UNIT



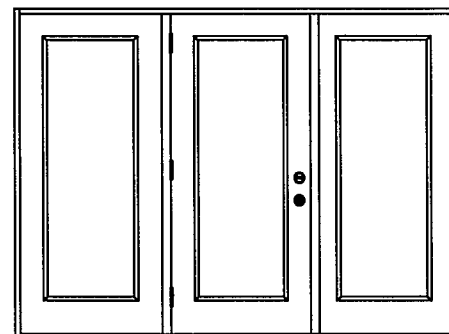
DOUBLE DOOR UNIT



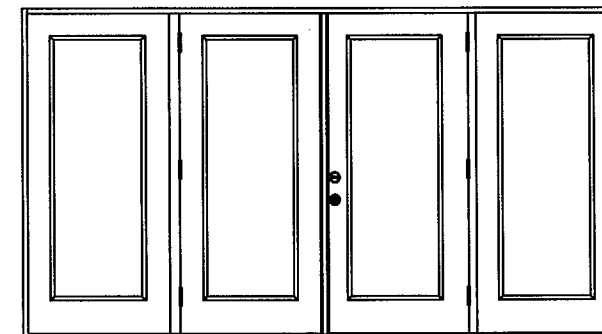
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

		DESIGN PRESSURE RATING (WHERE NO WATER REQUIRED)		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE					
CONFIG	MAX WIDTH	INSWING	OUTSWING	BUMPER O/S	Z-SERIES O/S	HPB O/S	HIGH DAM O/S	T4 O/S	HP O/S
X	37.5"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	+50.0 / -50.0	+50.0 / -50.0
XX	74"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	N/A	N/A
OX or XO	75"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	N/A	N/A
OXO	112.5"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	N/A	N/A
QXXO	149"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	N/A	+50.0 / -50.0	N/A	N/A

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SHEET #	DESCRIPTION
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PRODUCT: 29 EXTERIOR DOOR PRODUCT²⁹

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

PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

C	5/27/26	ADDED THRESHOLD	SWS		
B	7/18/20	MISC EDITS	SWS		
A	4/6/18	ADDED THRESHOLDS	SWS		
NO.	DATE		BY		
REVISIONS					

DATE: 5/26/17

SCALE: N.T.S.

DWG. BY: SWS

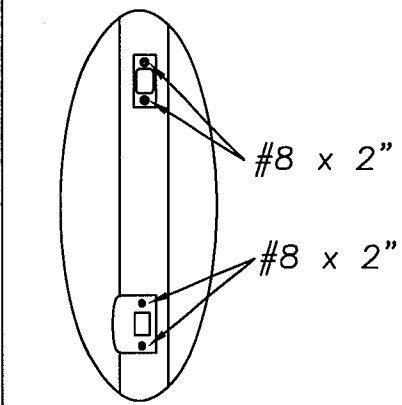
CHK. BY:

DRAWING NO.:

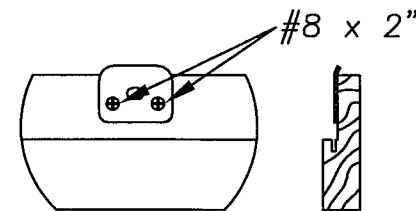
DWG-MA-FL0212-17

SHEET 1 OF 3

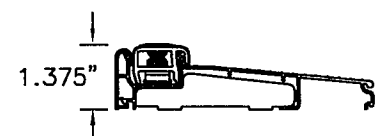
KURT BALTHAZOR
FLORIDA P.E.
#56533



DETAIL "C"



DETAIL "F" ASTRAGAL



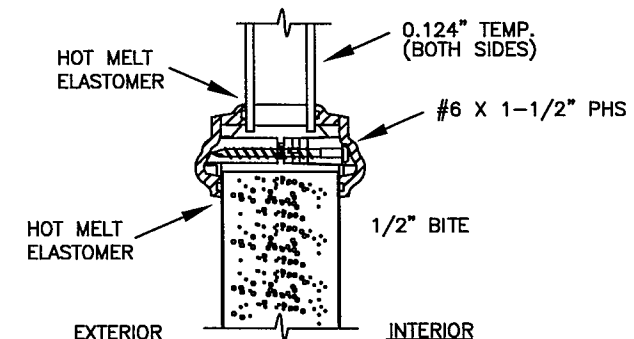
1.00"

1.482"

1.437"

1.25"

HPB O/S THRESHOLD



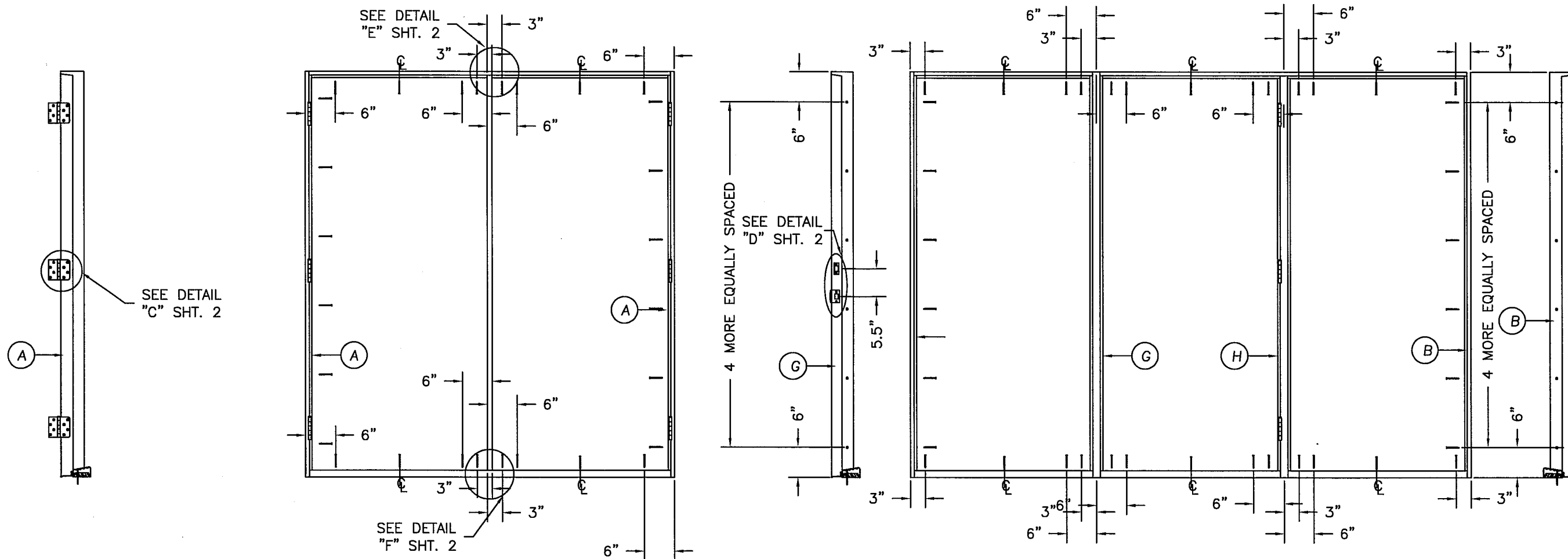
MAX GLASS SIZES COMPLY WITH ASTM E1300
FOR DESIGN PRESSURES LISTED ON PAGE 1

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

PRODUCT: "EXTERIOR DOOR PRODUCT"
6'-8" WOOD-EDGE STEEL GLAZED
DOUBLE DOOR UNIT
PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

NO.	DATE	REVISIONS	BY
C	5/27/26	ADDED THRESHOLD	SWS
B	7/18/20	ANCHOR CORRECTION	SWS
A	4/6/18	ADDED THRESHOLDS	SWS

DATE: 5/26/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0212-17
SHEET 3 OF 3



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 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".
- 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.
- FASTENER CORROSION RESISTANCE PER THE FLORIDA BUILDING CODE.

