



GENERAL NOTES

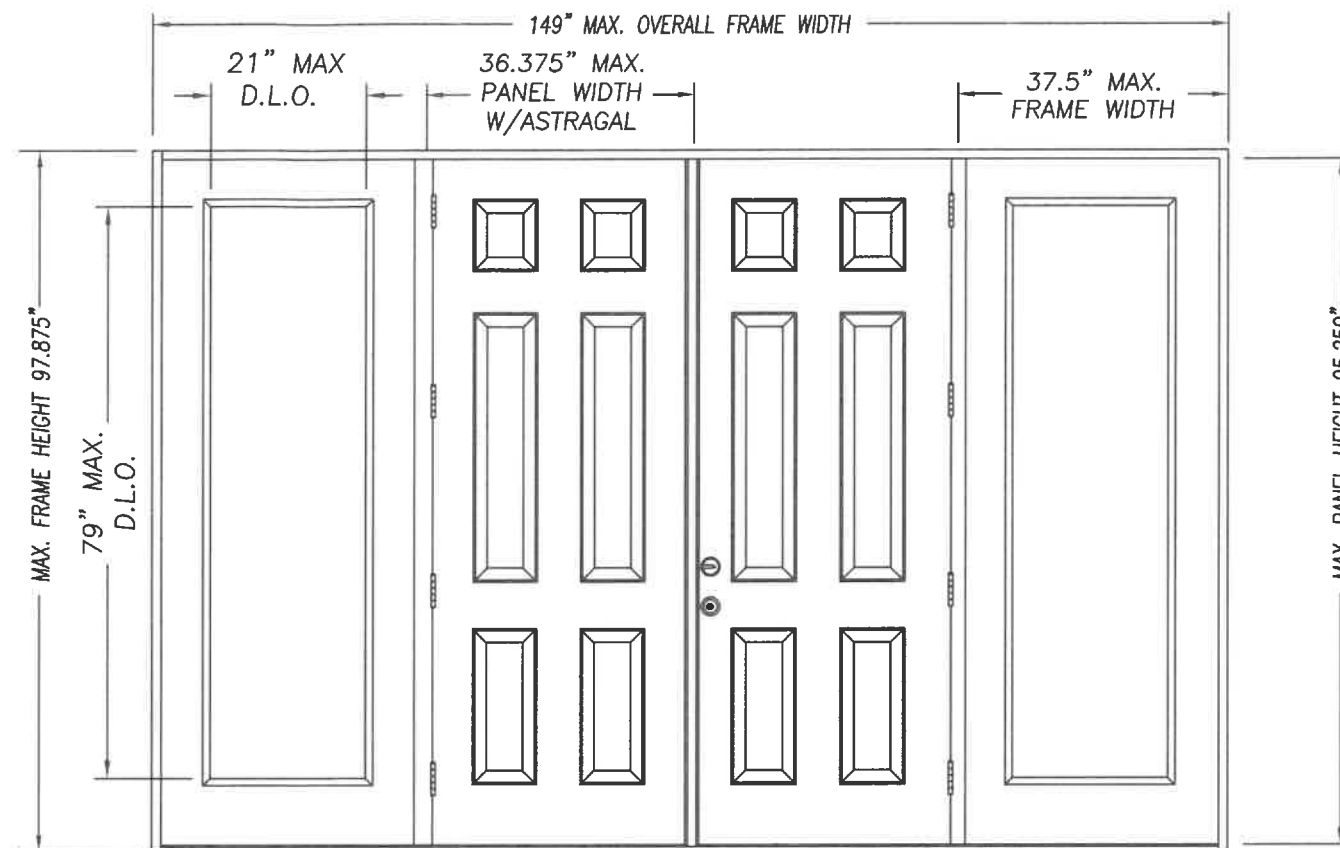
1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE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

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

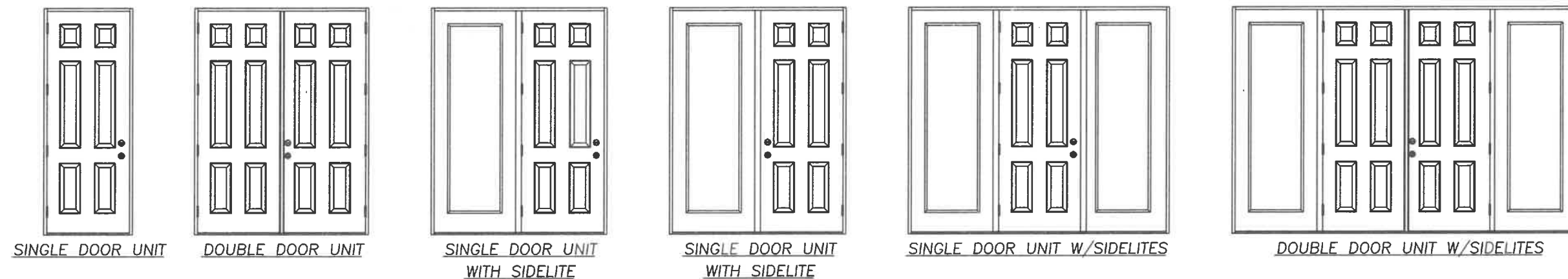
6. PLASTICS TESTING OF WORLDWIDE COMPOSITE FRAME (WHERE USED):

TEST DESCRIPTION	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



		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	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	+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	+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	+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	+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	+50.0 / -50.0	+50.0 / -50.0

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PRODUCT:

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

PART OR ASSEMBLY:

TYPICAL ELEVATIONS & GENERAL NOTES

REVISIONS

DATE: 4/26/17

SCALE: N.T.S.

DWG. BY: SWS

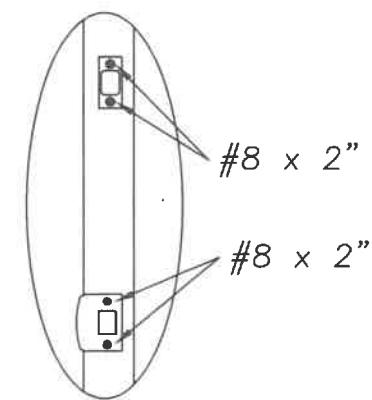
CHK. BY:

DRAWING NO.:

DWG-MA-FL0188-17

SHEET 1 OF 4

KURT BALTHAZOR
FLORIDA P.E.
#56533



#10 x 5/8"

#10 x 5/8"

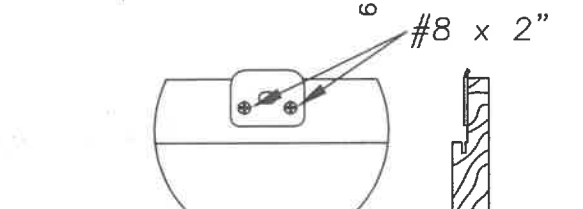
#10 x 2-1/2"

#10 x 5/8"

#10 x 1"

#10 x 1"

DETAIL "C"



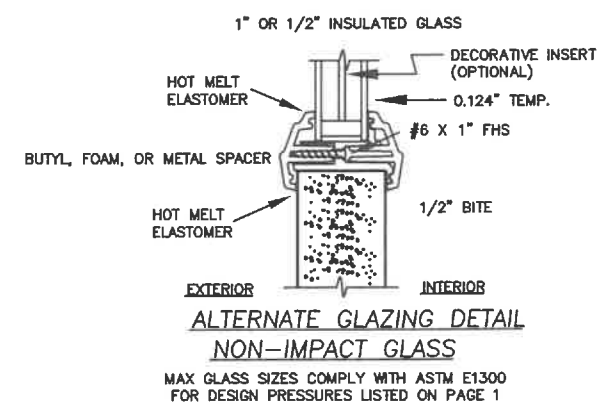
ASTRAGAL RETAINER BOLT HOLE
MUST BE DRILLED THROUGH
THE THRESHOLD & INTO THE
STRUCTURE DEEP ENOUGH
FOR A 1/325" THROW

0.962"

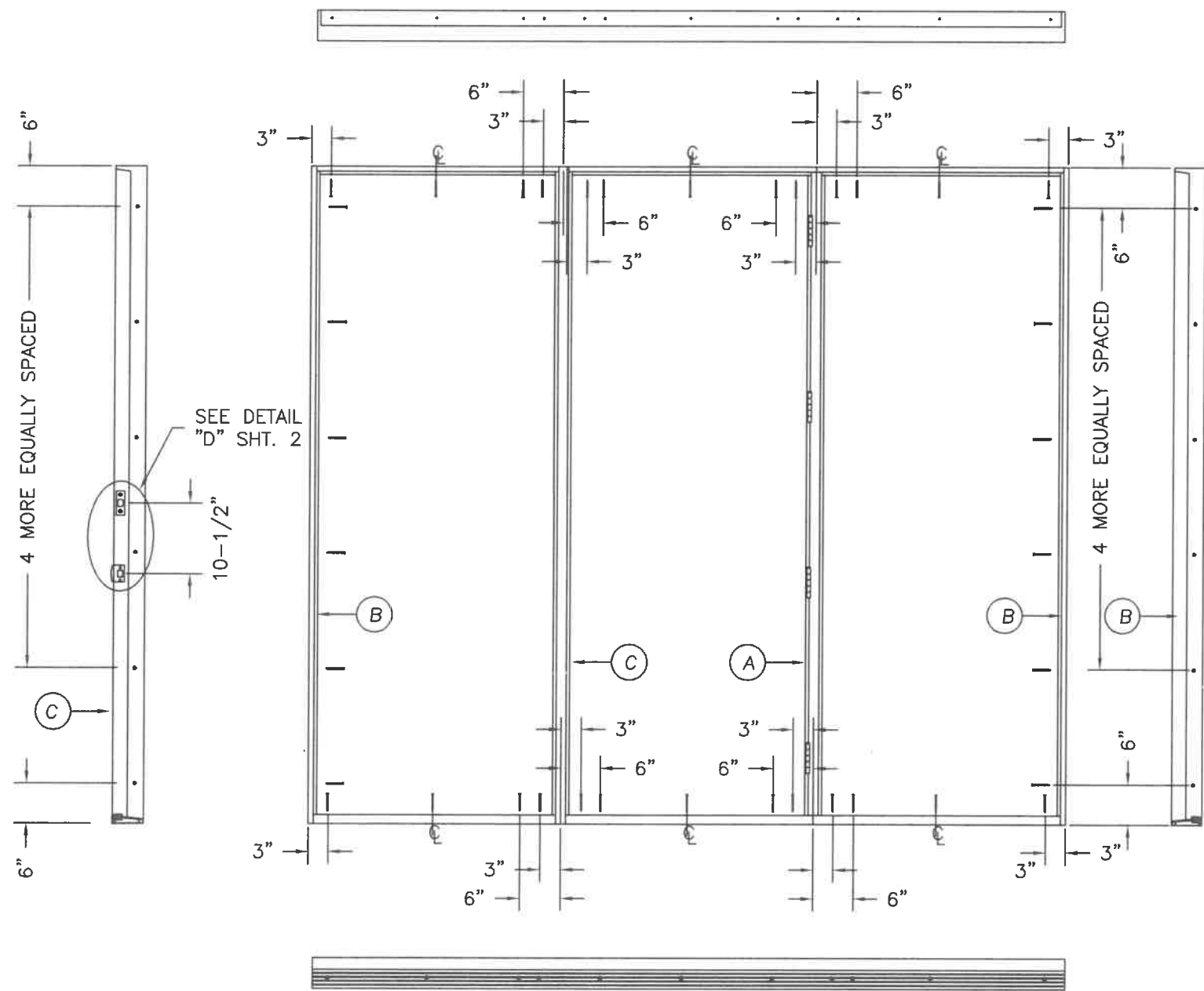
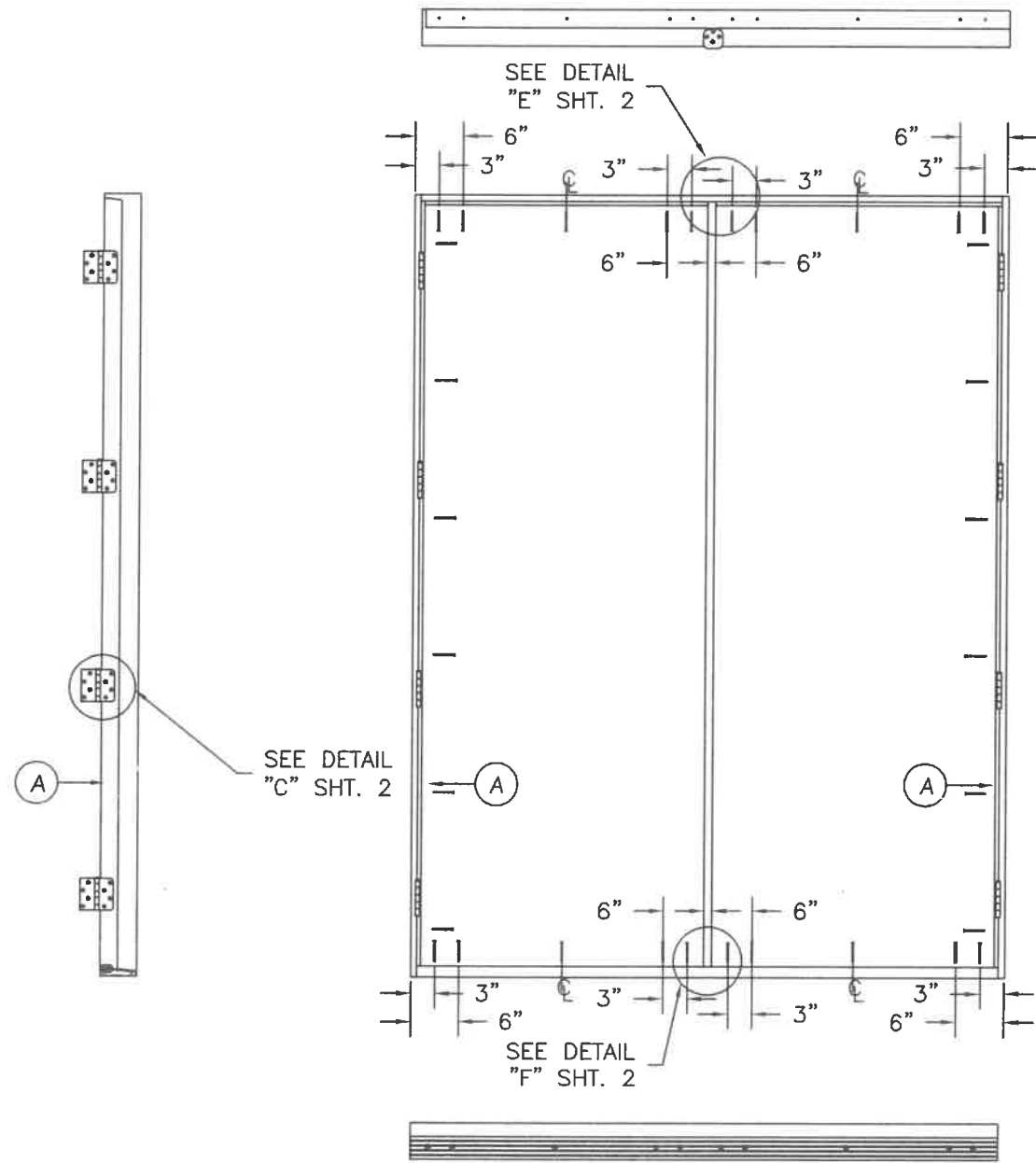


BUMPER O/S THRESHOLD

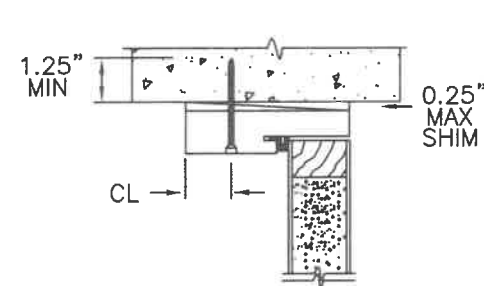
T4 O/S THRESHOLD



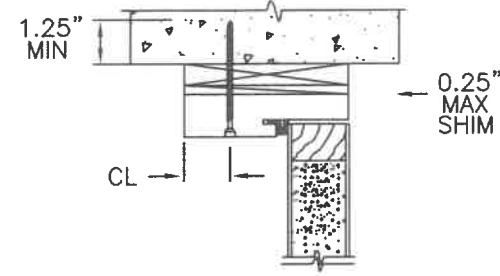
DATE:	4/26/17
SCALE:	N.T.S.
DWG. BY:	SWS
CHK. BY:	
DRAWING NO.:	
DWG-MA-FL0188-1	
SHEET	2 OF 4



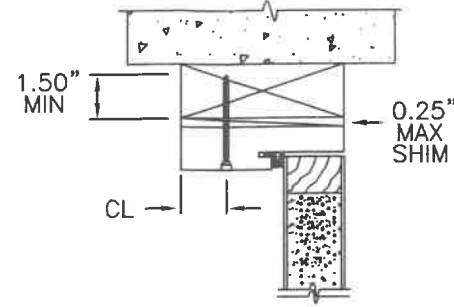
												PRODUCT:							
												"EXTERIOR DOOR PRODUCT"							
												8'0 FIBERGLASS OPAQUE							
												DOUBLE DOOR UNIT							
												PART OR ASSEMBLY:							
												ANCHORING LOCATIONS							
												& DETAILS							



TYPICAL MASONRY
ANCHOR INSTALLATION



1X BUCK MASONRY
ANCHOR INSTALLATION



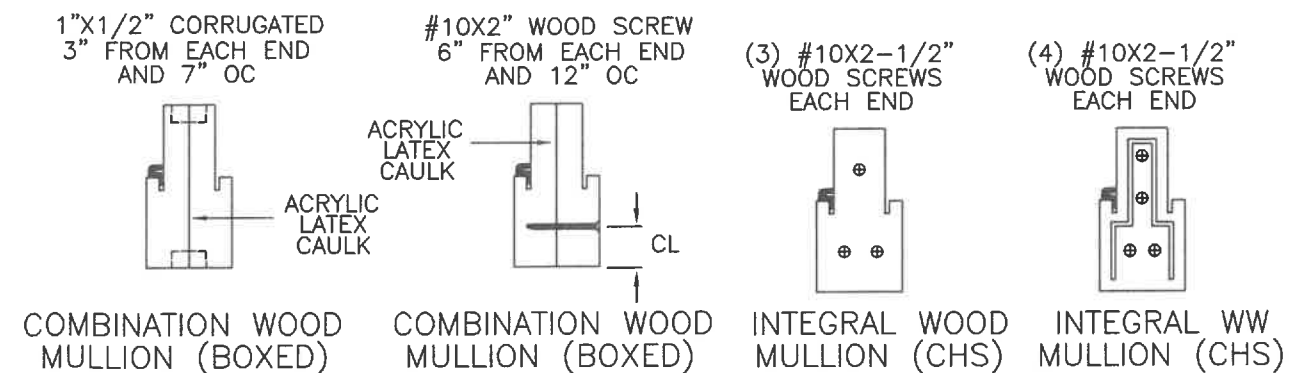
TYPICAL WOOD BUCK
ANCHOR INSTALLATION

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.

HARDWARE SCHEDULE

- | | |
|----|--|
| 1. | KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 10-1/2" CENTERLINE. |
| 2. | 4" X 4" FULL MORTISE BUTT HINGES. |



PRODUCT:		"EXTERIOR DOOR PRODUCT"		PART OR ASSEMBLY:	
		8'0" FIBERGLASS OPAQUE DOUBLE DOOR UNIT		ANCHORING LOCATIONS & DETAILS	
		SWS	SWS	SWS	BY
		CORRECTIONS	TEXT CORRECTIONS	MISC UPDATE	UPDATED DATA
		7/1/25	10/31/22	7/18/20	11/27/17
		D	C	B	A
					NO.
					DATE
					REVISIONS
DATE: 4/26/17					
SCALE: N.T.S.					
DWG. BY: SWS					
CHK. BY:					
DRAWING NO.:					
DWG-MA-FL0188-17					
SHEET 4 OF 4					

MASONITE INTERNATIONAL CORP.
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