



HPC FIBERGLASS WITH MULTIPOINT HARDWARE 8'-0" DOUBLE DOOR WITH / WITHOUT SIDELITES

GENERAL NOTES

- 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.
- WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED.
- WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION, HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED.
- POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.

5. PLASTICS TESTING:

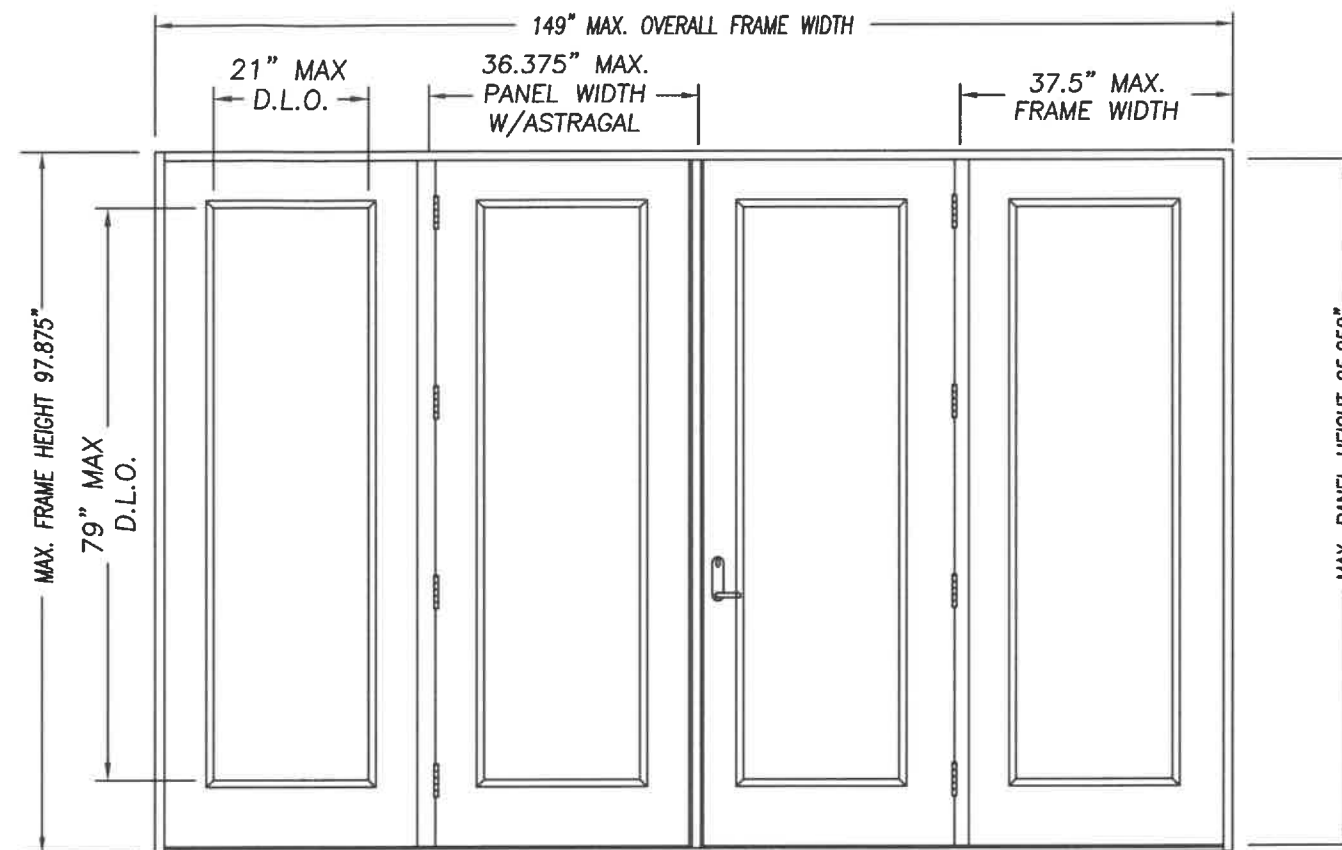
TEST DESCRIPTION	DESIGNATION	FACING	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	752 °F > 650 °F	740 °F > 650 °F
RATE OF BURNING	ASTM D635	0.56 IN/MIN	0.77 IN/MIN
SMOKE DENSITY	ASTM D2843	53.4%	13.4%
TENSILE STRENGTH*	ASTM D638	3.2% DIFF	7.1% DIFF

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

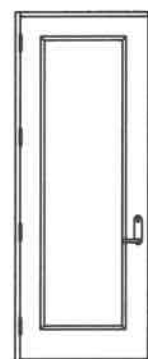
TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	779 °F > 650 °F
RATE OF BURNING	ASTM D635	0.0 IN/MIN
SMOKE DENSITY	ASTM D2843	39.0%
TENSILE STRENGTH*	ASTM D638	3.6% DIFF

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

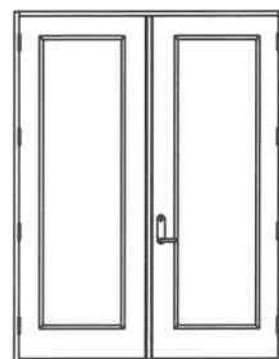
- DOOR SLABS MUST BE STAMPED "HPC" ON TOP RAIL.



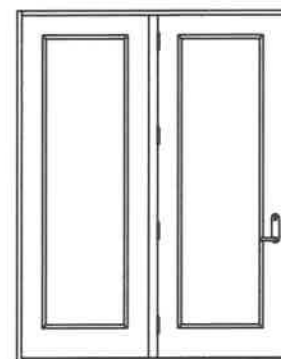
DOUBLE DOOR UNIT W/SIDELITES



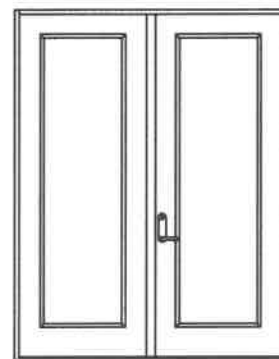
SINGLE DOOR UNIT



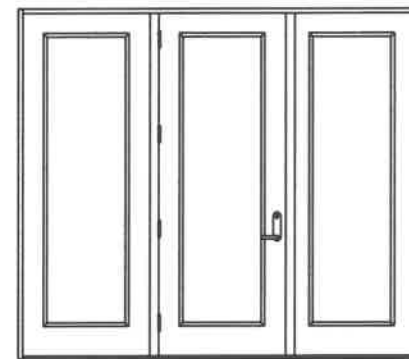
DOUBLE DOOR UNIT



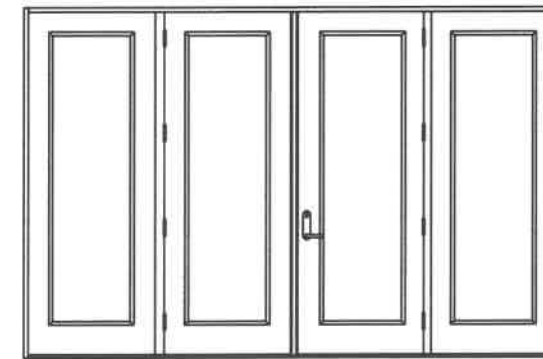
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE

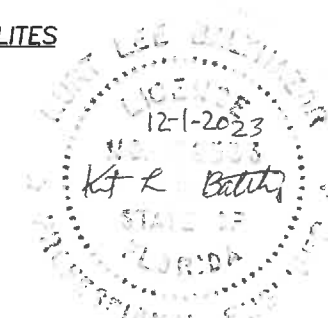


SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING (1:1 OVERHANG OR WHERE NO WATER REQUIRED)		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE				
		INSWING	OUTSWING	BUMPER O/S	Z-SERIES O/S	T4 O/S	HIGH DAM O/S	
X	37.5"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	
XX	74"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	
OX or XO	75"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	
OXO	112.5"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	
OXXO	149"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0	



KURT BALTHAZOR
FLORIDA P.E.
#56533

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

PRODUCT:
"EXTERIOR DOOR PRODUCT"
DOUBLE 8'0" GLAZED
FIBERGLASS DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

NO.	DATE	REVISIONS
C	11/21/23	ADDED PANOLOCK
B	7/18/20	MISC EDITS
A	11/27/17	MISC UPDATES

DATE: 4/26/17

SCALE: N.T.S.

DWG. BY: SWS

CHK. BY:

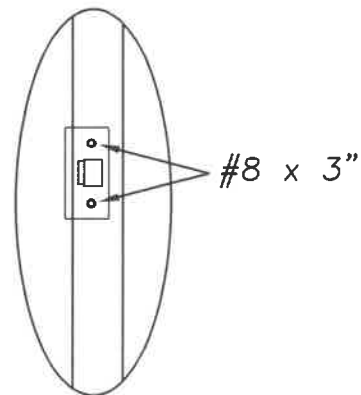
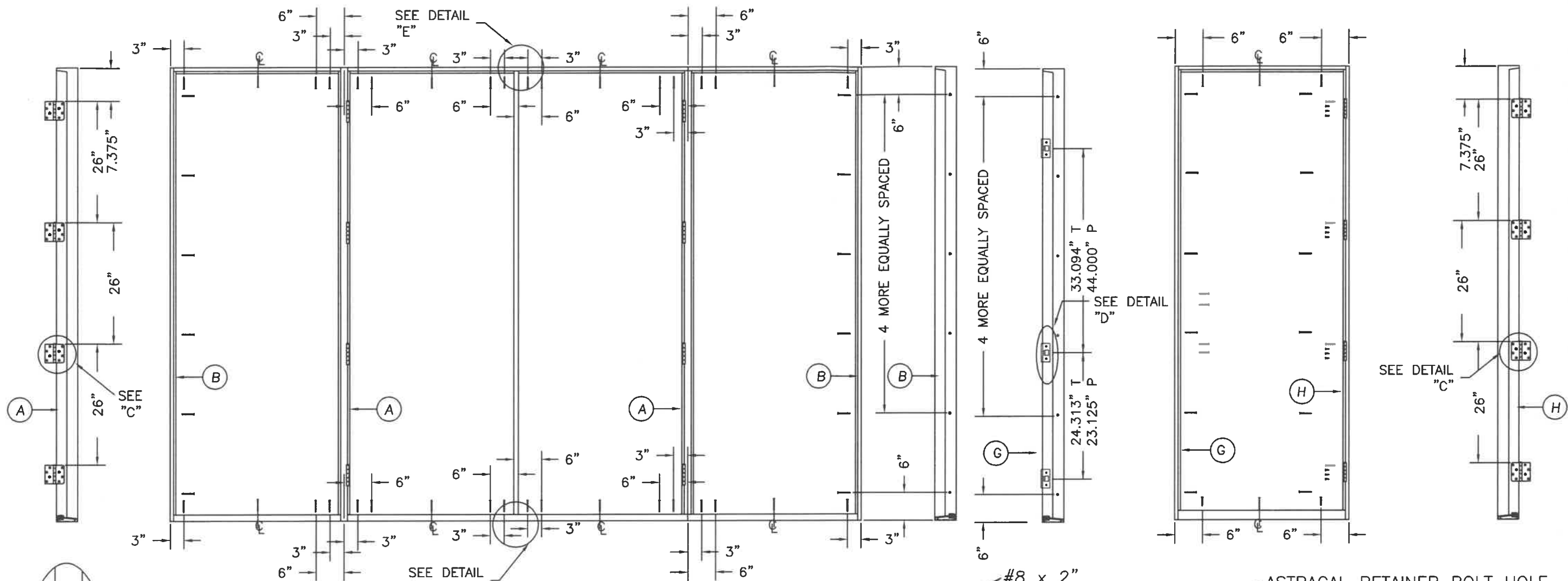
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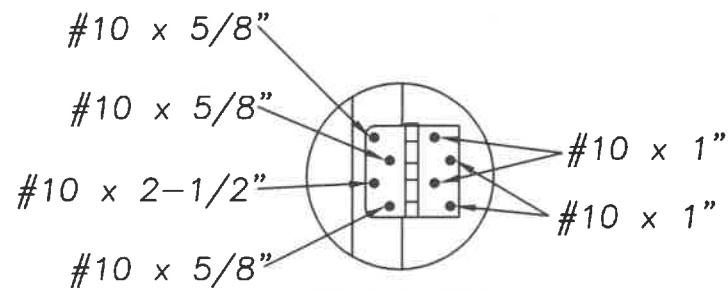
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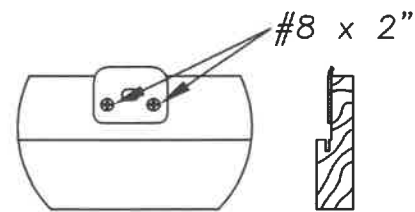
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	ANCHORING LOCATIONS & DETAILS
3	ANCHORING LOCATIONS & DETAILS
4	ANCHORING LOCATIONS & DETAILS



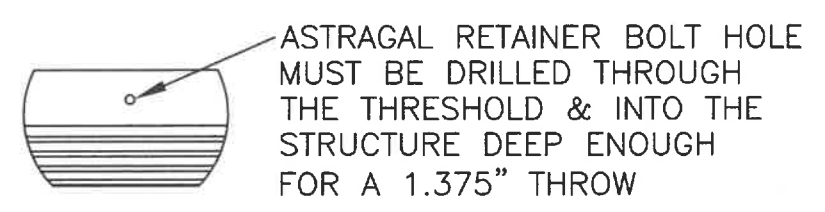
DETAIL "D"



DETAIL "C"



DETAIL "E" ASTRAGAL
ATTACH ASTRAGAL RETAINER BOLT
STRIKE PLATE TO FRAME
AS SHOWN.



DETAIL "F" ASTRAGAL



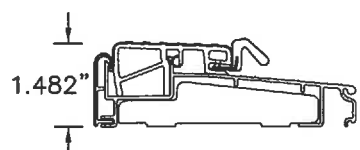
INSWING THRESHOLD



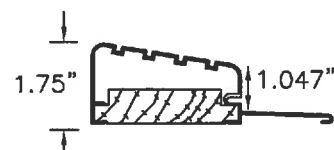
ZAC I/S THRESHOLD



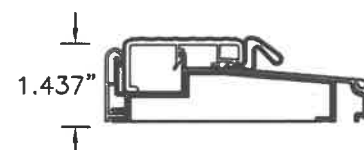
BUMPER O/S THRESHOLD



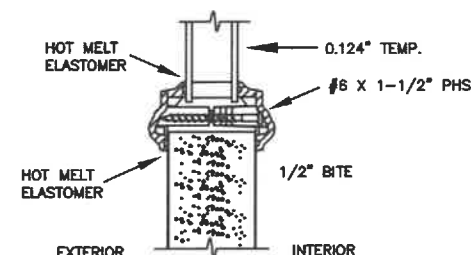
Z-SERIES O/S THRESHOLD



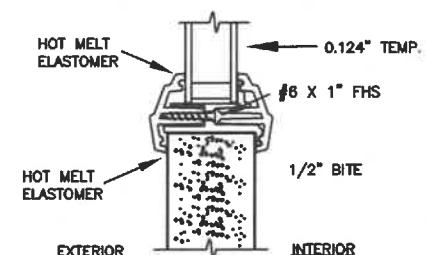
HIGH DAM O/S THRESHOLD



T4 O/S THRESHOLD



TYPICAL GLAZING DETAIL
NON-IMPACT GLASS
MAX GLASS SIZES COMPLY WITH ASTM E1300
FOR DESIGN PRESSURES LISTED ON PAGE 1



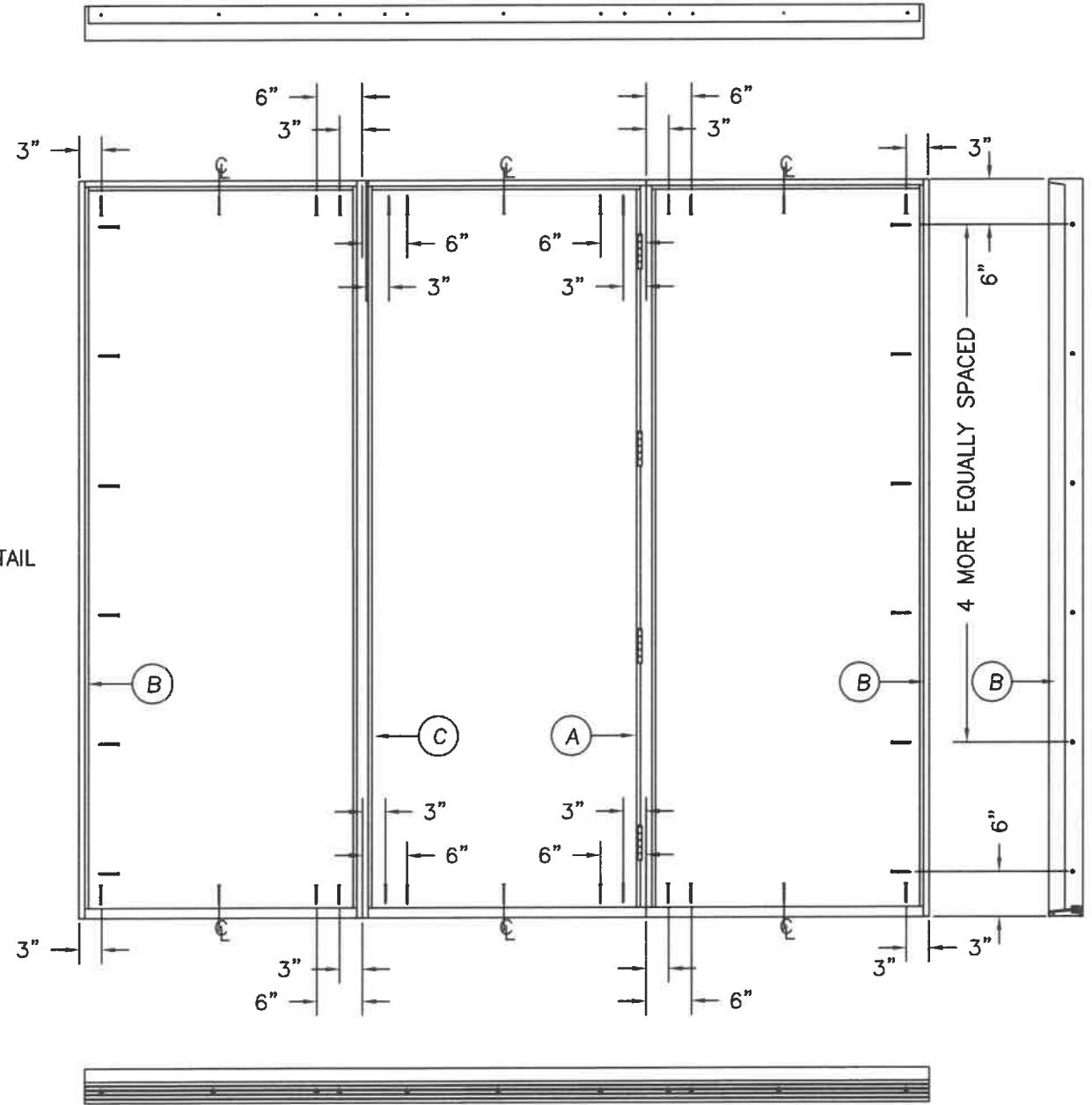
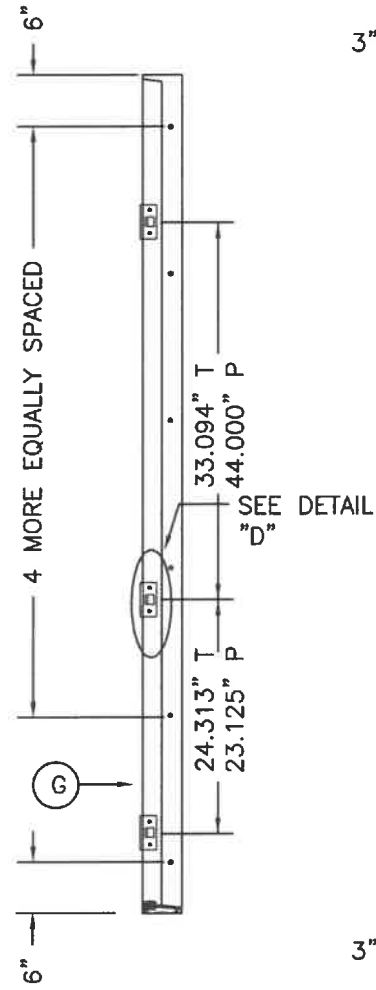
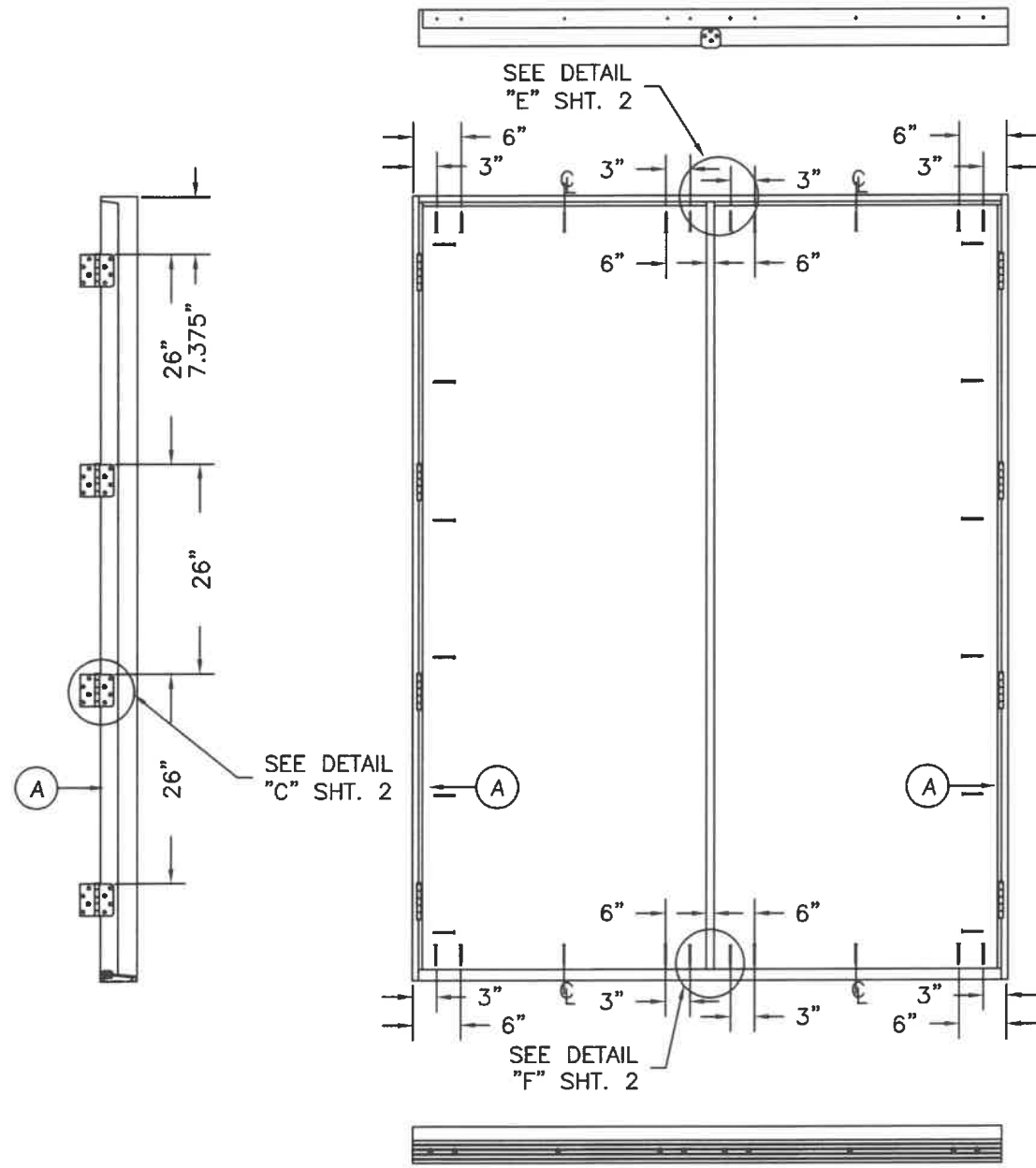
ALTERNATE GLAZING DETAIL
NON-IMPACT GLASS
MAX GLASS SIZES COMPLY WITH ASTM E1300
FOR DESIGN PRESSURES LISTED ON PAGE 1

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

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

NO.	DATE	REVISIONS			
		BY	DATE	DESCRIPTION	DATE
C	11/21/23	ADDED PANLOCK	SWS		
B	7/18/20	MISC EDITS	SWS		
A	11/27/17	MISC UPDATES	SWS		

DATE: 4/26/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0202-17
SHEET 2 OF 4

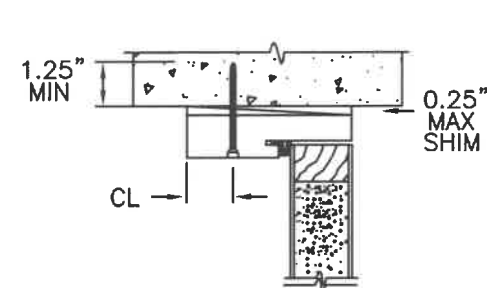


MASONITE INTERNATIONAL CORP.
1955 POWIS RD.
WEST CHICAGO, IL 60185

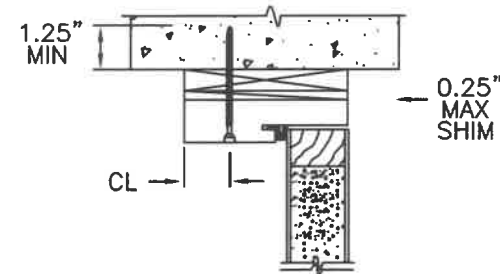
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8'0" FIBERGLASS GLAZED
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PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

NO.	DATE	REVISIONS	BY
C	11/21/23	ADDED PANOLCK	SWS
B	7/18/20	ANCHOR CORRECTIONS	SWS
A	11/27/17	MISC UPDATES	SWS

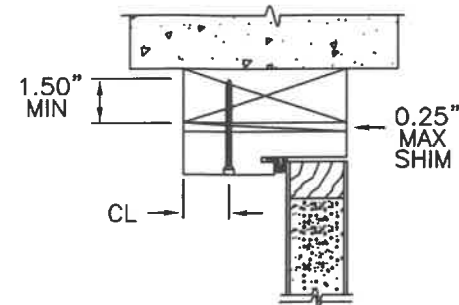
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SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0202-17
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TYPICAL MASONRY ANCHOR INSTALLATION



1X BUCK MASONRY
ANCHOR INSTALLATION



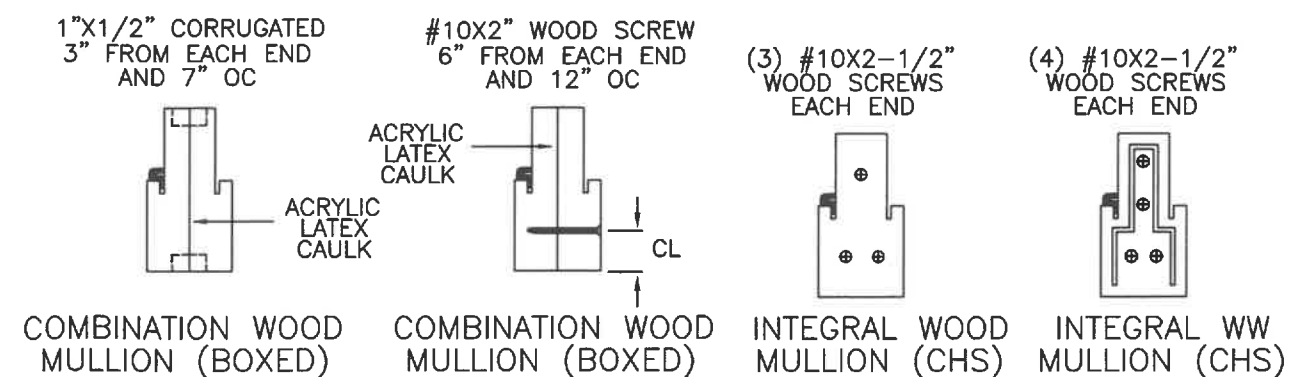
TYPICAL WOOD BUCK ANCHOR INSTALLATION

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 ACHIEVEMENT 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.

HARDWARE SCHEDULE

1.	ENDURA PANOLOCK OR TRILENNIUM MULTIPOINT LOCKING HARDWARE FACTORY INSTALLED.
2.	4" X 4" FULL MORTISE BUTT HINGES.



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C	11/21/23	ADDED	PANOLOCK	SWS
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CHK. BY:	
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