



**SIDE-HINGED FIBERGLASS DOOR UNIT  
6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES**

**GENERAL NOTES**

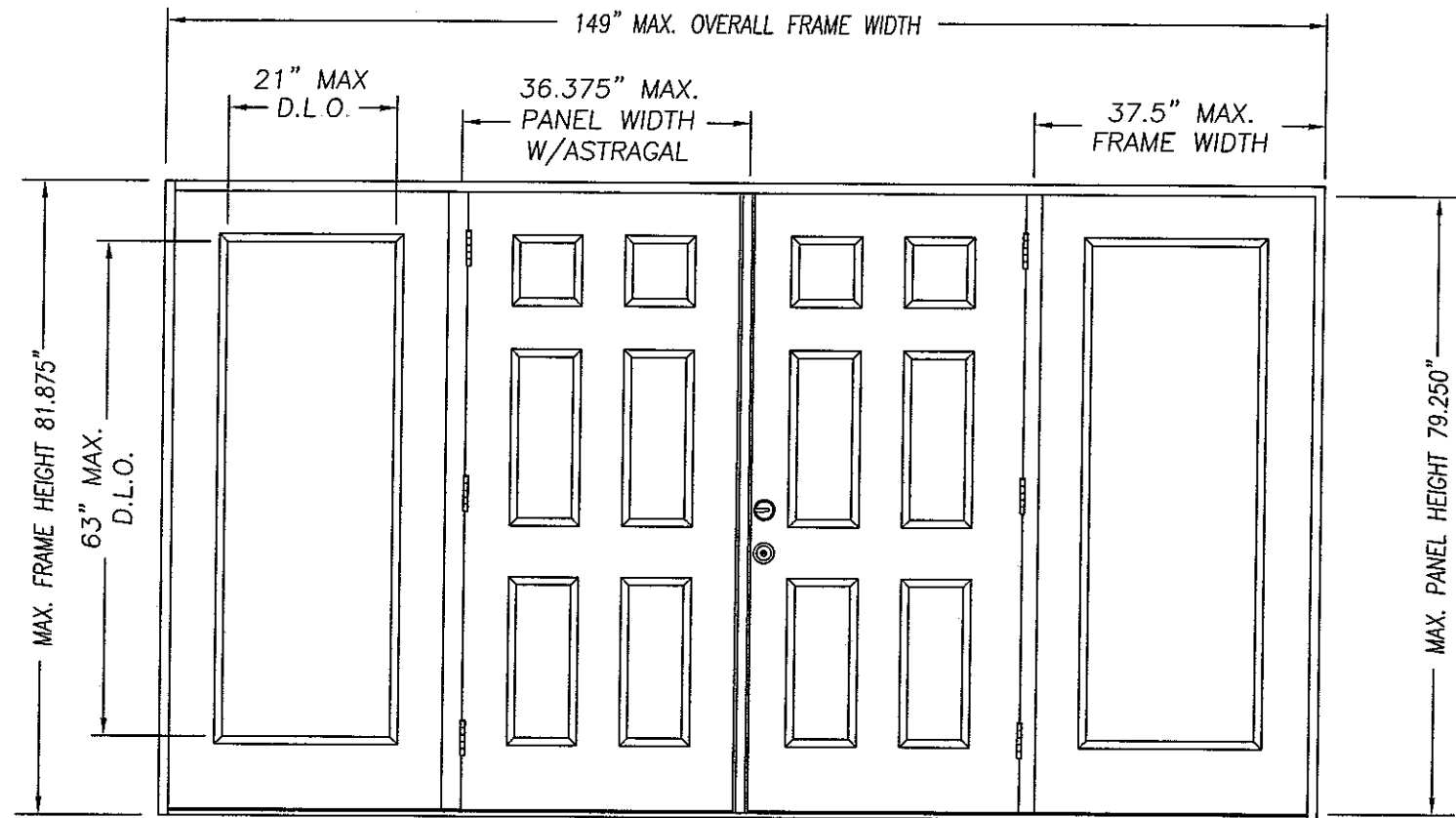
- EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED.
- WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM IS NOT REQUIRED ON OPAQUE PANELS OR PANELS WITH IMPACT GLASS, BUT IS REQUIRED ON PANELS WITH NON-IMPACT GLASS.
- POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84. POLYSTYRENE CORE FLAME SPREAD INDEX OF 15 AND SMOKE DEVELOPED INDEX OF 115 PER ASTM E84.
- PLASTICS TESTING OF FIBERGLASS FACING:

TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	803 °F > 650 °F
RATE OF BURNING	ASTM D635	0.79 IN/MIN
SMOKE DENSITY	ASTM D2843	48.9%
TENSILE STRENGTH*	ASTM D638	-7.3% DIFF

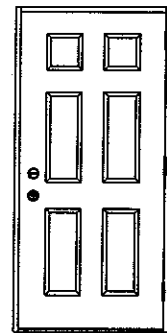
6 PLASTICS TESTING OF LITE FRAME MATERIAL:

TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	680 °F > 650 °F
RATE OF BURNING	ASTM D635	1.10 IN/MIN
SMOKE DENSITY	ASTM D2843	69.6%
TENSILE STRENGTH*	ASTM D638	-7.48% DIFF

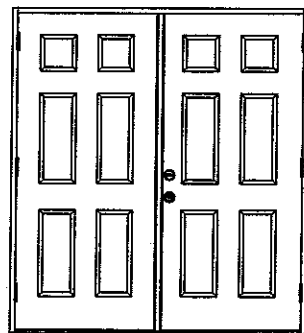
\* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1



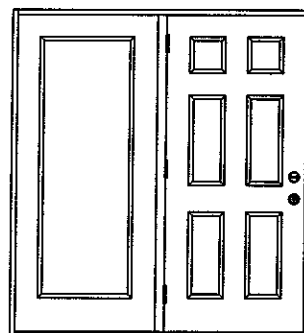
DOUBLE DOOR UNIT W/SIDELITES



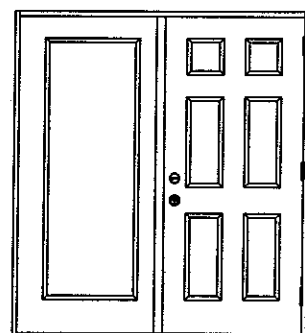
SINGLE DOOR UNIT



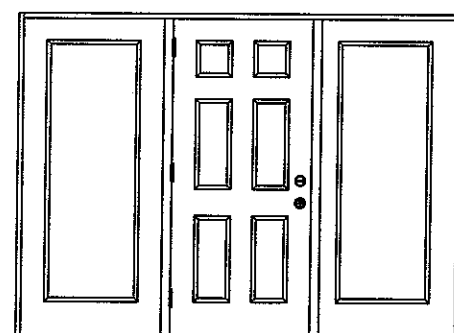
DOUBLE DOOR UNIT



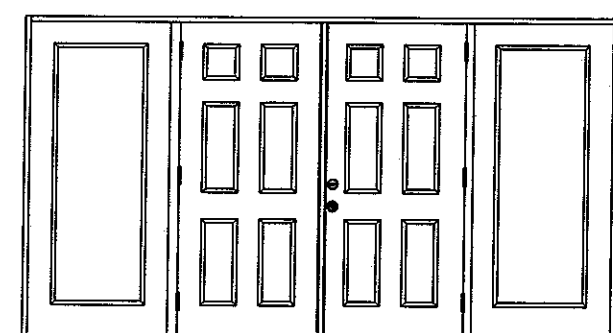
SINGLE DOOR UNIT WITH SIDELITE



SINGLE DOOR UNIT WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

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CONFIG	MAX WIDTH	DESIGN PRESSURE RATING		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE		
		INSWING	OUTSWING	INSWING	OUTSWING	OUTSWING*
X	37.5"	+70.0 / -70.0	+85.0 / -85.0	+19.0 / -19.0	+70.0 / -70.0	+70.0 / -70.0
XX	74"	+50.5 / -50.5	+55.0 / -50.5	+19.0 / -19.0	+40.0 / -40.0	+55.0 / -50.5
OX or XO	75"	+50.5 / -50.5	+55.0 / -50.5	+19.0 / -19.0	+40.0 / -40.0	+55.0 / -50.5
OXO	112.5"	+50.5 / -50.5	+55.0 / -50.5	+19.0 / -19.0	+40.0 / -40.0	+55.0 / -50.5
OXXO	149"	+50.5 / -50.5	+55.0 / -50.5	+19.0 / -19.0	+40.0 / -40.0	+55.0 / -50.5

\* High Dam Threshold Design

MASONITE INTERNATIONAL CORP.  
7300 REAMES RD.  
CHARLOTTE, NC 28216

PRODUCT:  
"EXTERIOR DOOR PRODUCT"  
DOUBLE 6'8" OPAQUE  
FIBERGLASS DOOR

PART OR ASSEMBLY:  
TYPICAL ELEVATIONS  
& GENERAL NOTES

NO.	DATE	UPDATED DP RATINGS	SWS	BY
A	4/9/07			

DATE: 1/5/07

SCALE: N.T.S.

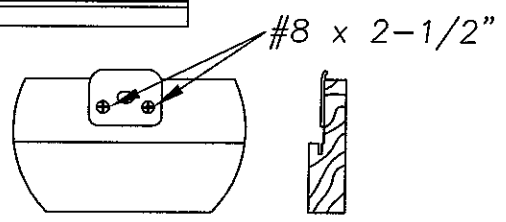
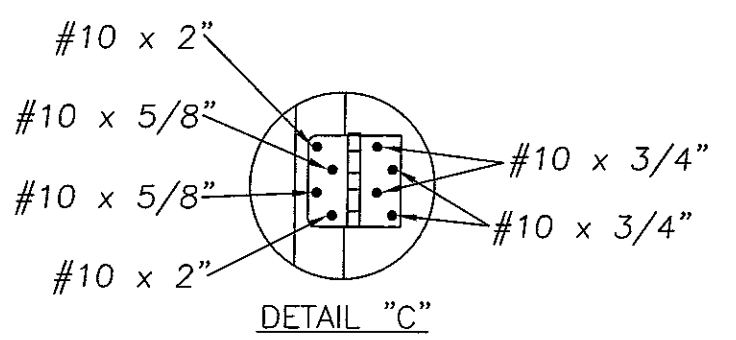
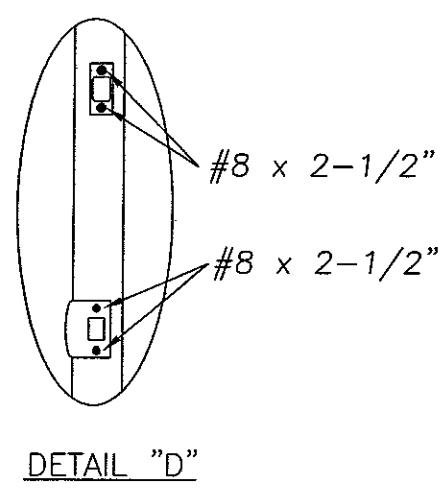
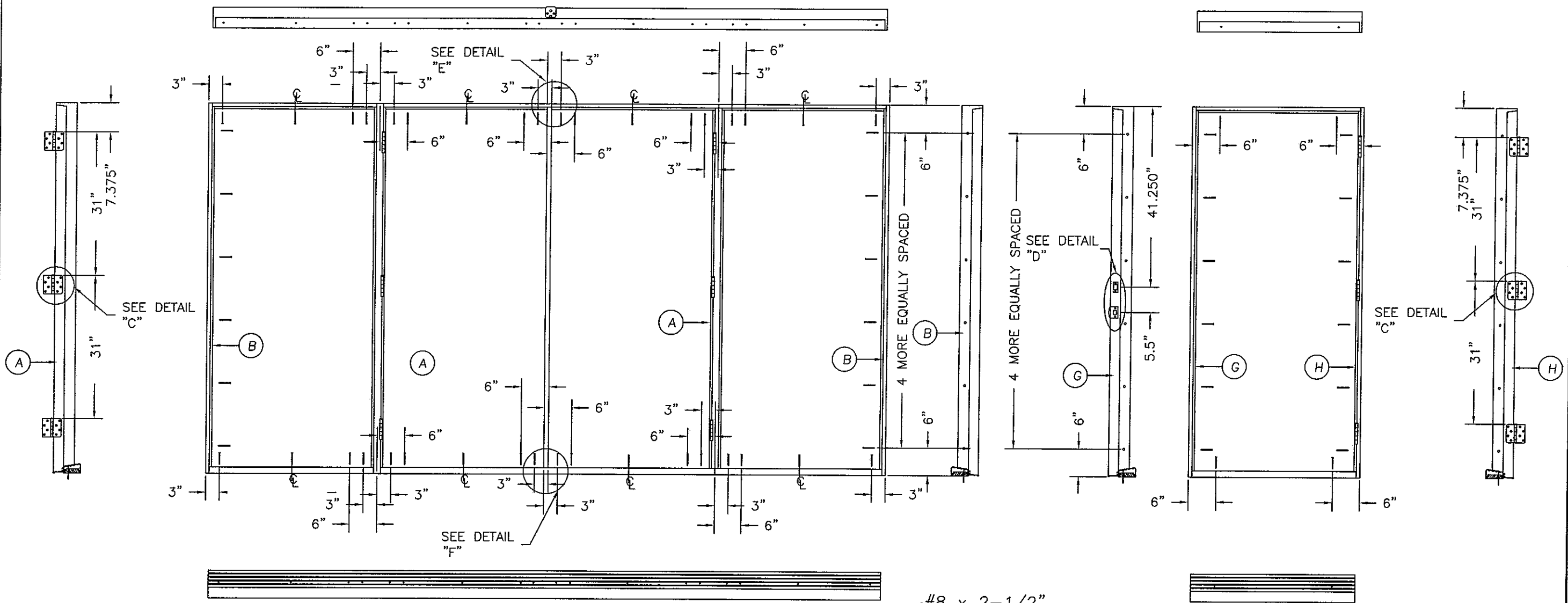
DWG. BY: SWS

CHK. BY:

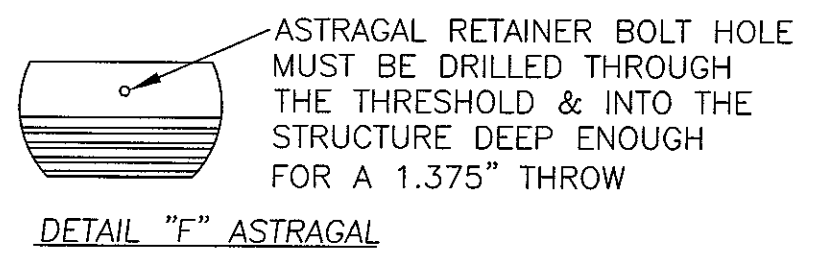
DRAWING NO.:

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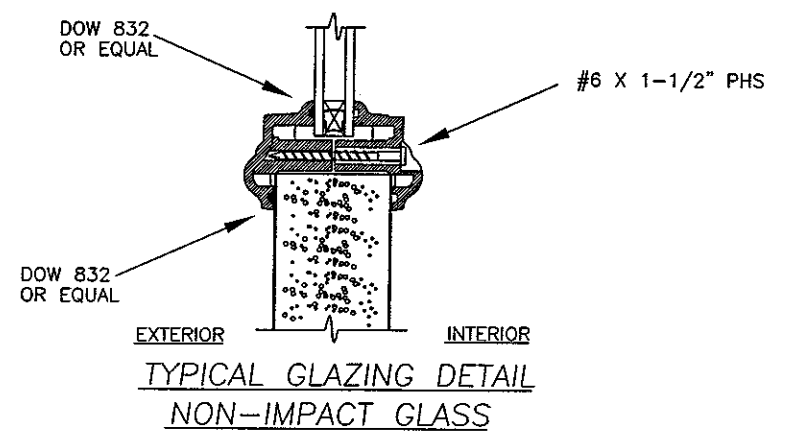
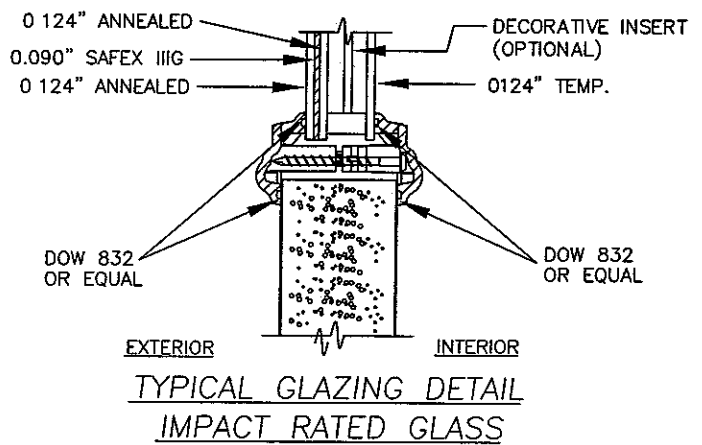
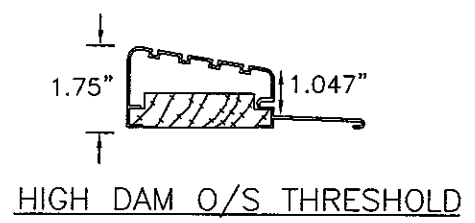
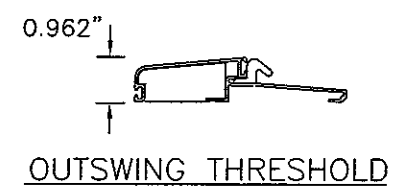
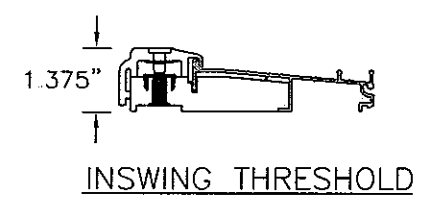
SHEET 1 OF 3



ATTACH ASTRAGAL RETAINER BOLT STRIKE PLATE TO FRAME AS SHOWN.



ASTRAGAL RETAINER BOLT HOLE MUST BE DRILLED THROUGH THE THRESHOLD & INTO THE STRUCTURE DEEP ENOUGH FOR A 1.375" THROW

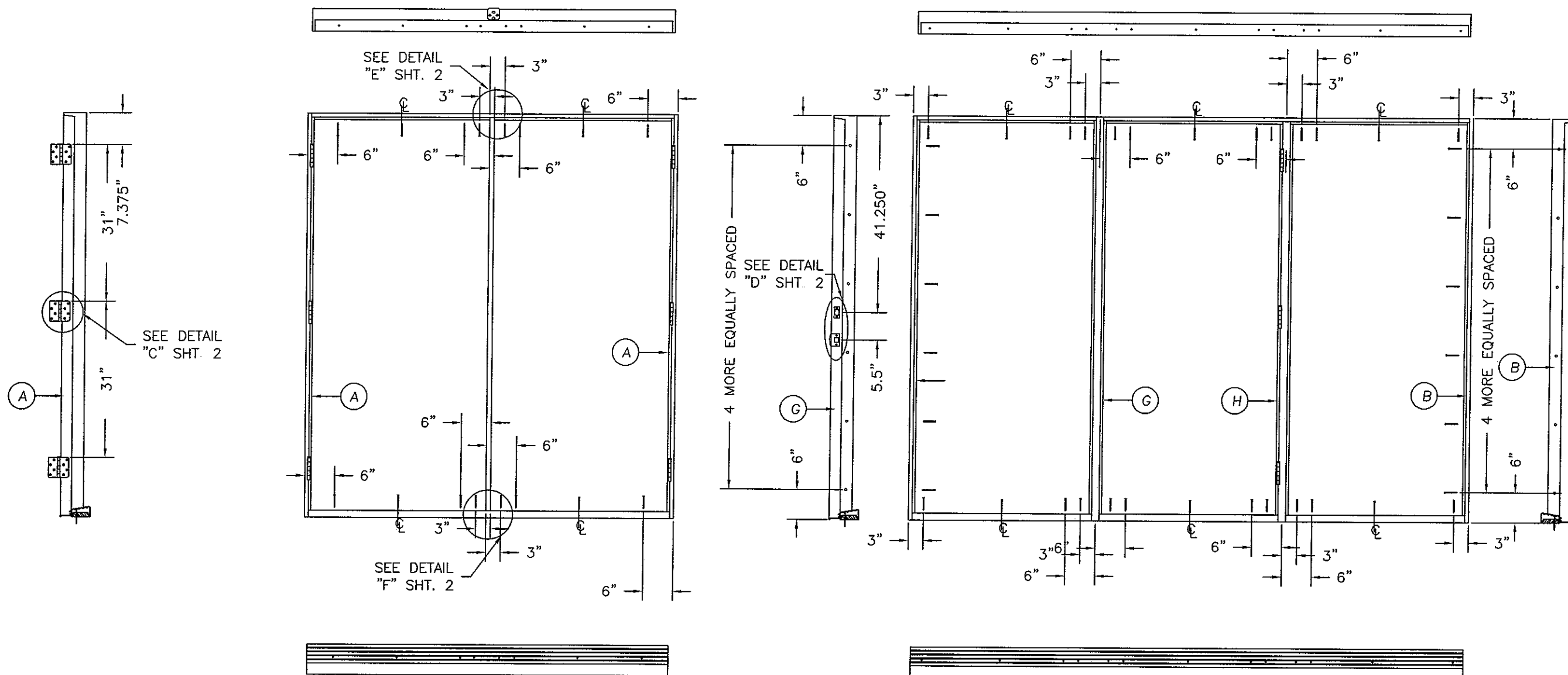


MASONITE INTERNATIONAL CORP.  
7300 REAMES RD.  
CHARLOTTE, NC 28216

PRODUCT: "EXTERIOR DOOR PRODUCT"  
6'-8" FIBERGLASS OPAQUE  
DOUBLE DOOR UNIT  
PART OR ASSEMBLY:  
ANCHORING LOCATIONS  
& DETAILS

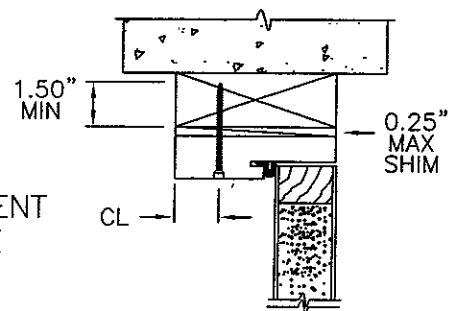
		REVISIONS	
NO.	DATE	BY	
B	1/2/08	SWS	HINGE SCREW LENGTH
A	4/9/07	SWS	UPDATED DP RATINGS

DATE: 1/5/07  
SCALE: N.T.S.  
DWG. BY: SWS  
CHK. BY:  
DRAWING NO.:  
DWG-MA-FL0160-07  
SHEET 2 OF 3



**ATTACHMENT DETAIL**

1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY HAROLD E. RUPP, PE (FLORIDA #15935) 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 3/16" TAPCONS. A PHYSICAL SHIM MUST BE PLACED IN SHIM SPACE AT EACH ANCHOR LOCATION.
2. 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".
3. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
4. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 171 LBS.



TYPICAL ANCHOR INSTALLATION  
4-9/16" MIN JAMB

**HARDWARE SCHEDULE**

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

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7300 REAMES RD.  
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PRODUCT:		"EXTERIOR DOOR PRODUCT" 6'-8" FIBERGLASS OPAQUE DOUBLE DOOR UNIT	
PART OR ASSEMBLY:		ANCHORING LOCATIONS & DETAILS	
NO.	DATE	UPDATED DP RATINGS	SWS BY
A	4/9/07		
DATE:		1/5/07	
SCALE:		N.T.S.	
DWG. BY:		SWS	
CHK. BY:			
DRAWING NO.:		DWG-MA-FL0160-07	
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