



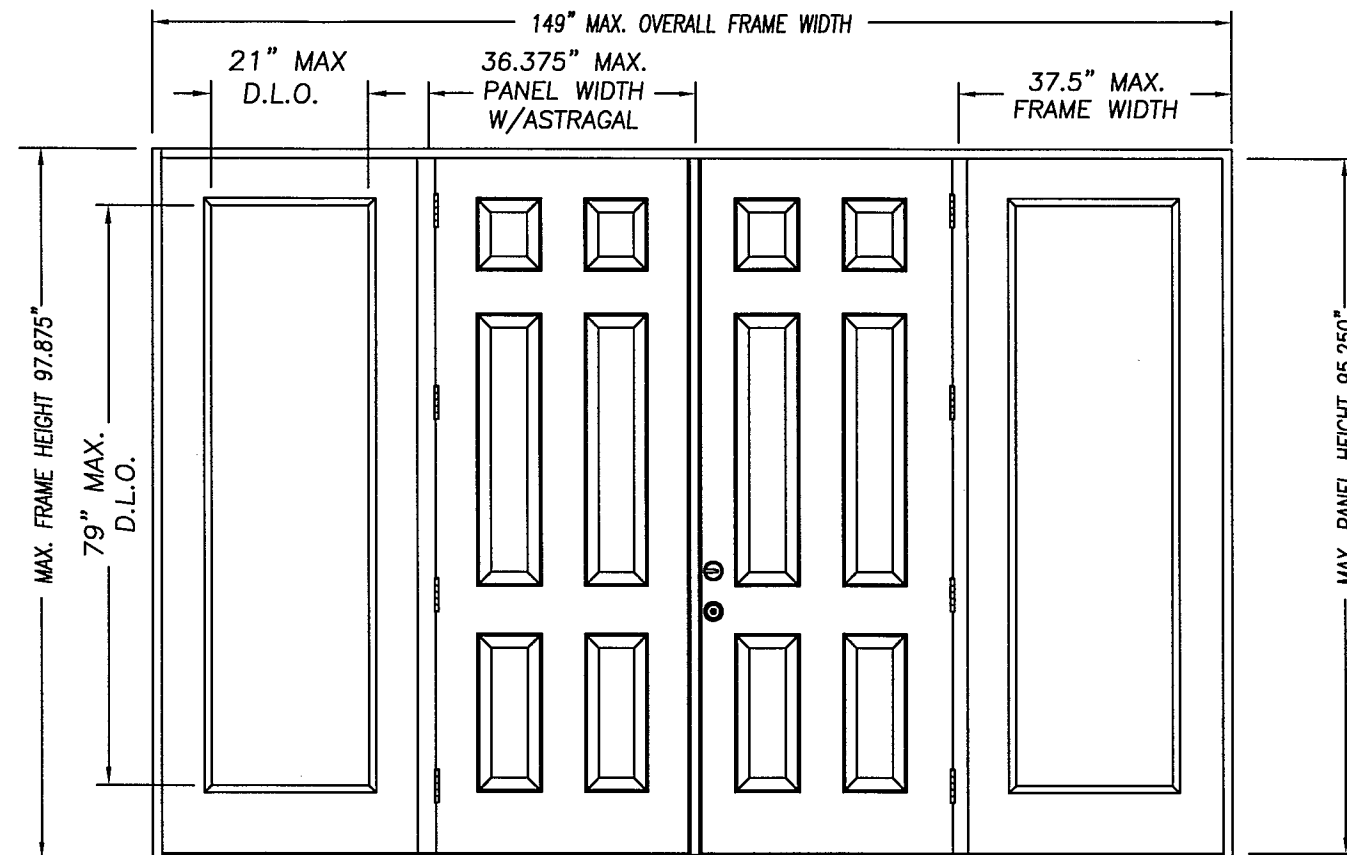
STEEL-EDGE STEEL DOOR UNIT
8'-0" DOUBLE DOOR WITH / WITHOUT SIDELITES

GENERAL NOTES

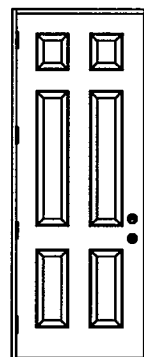
1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. WHEN INSTALLED IN THE WIND-BORNE DEBRIS REGION OR THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE PROTECTIVE SYSTEM IS NOT REQUIRED ON OPAQUE PANELS, BUT IS REQUIRED ON SIDELITES.
3. 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

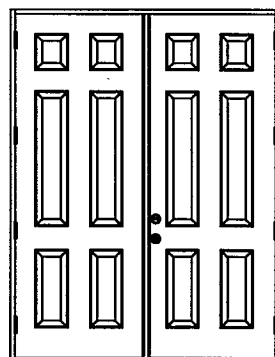
* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING
4500 HOURS XENON ARC METHOD 1



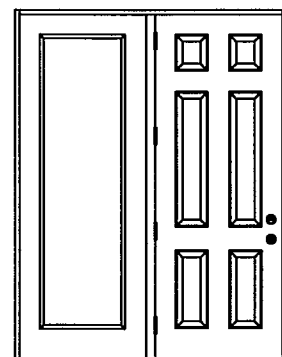
DOUBLE DOOR UNIT W/SIDELITES



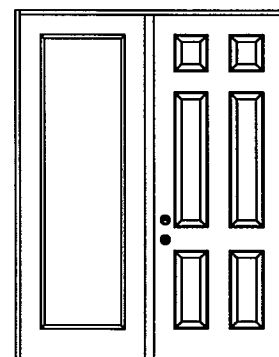
SINGLE DOOR UNIT



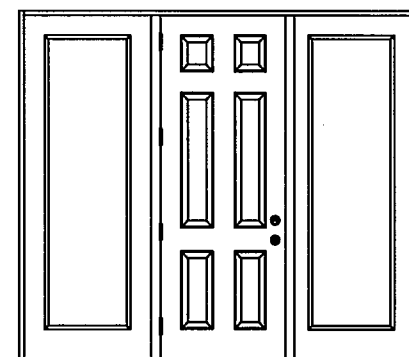
DOUBLE DOOR UNIT



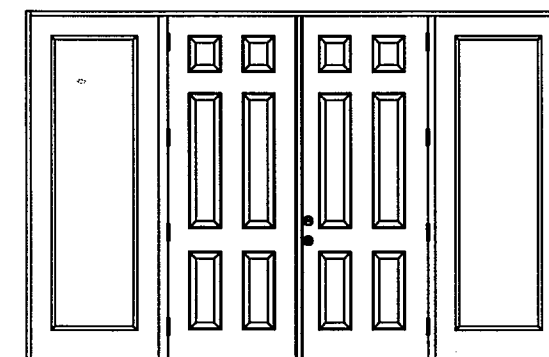
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

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

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING (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	HPB O/S	HIGH DAM O/S
X	37.5"	+48.0 / -48.0	+48.0 / -48.0	+25.0 / -25.0	+40.0 / -40.0	+48.0 / -48.0	+48.0 / -48.0
XX	74"	+48.0 / -48.0	+48.0 / -48.0	+25.0 / -25.0	+40.0 / -40.0	+48.0 / -48.0	+48.0 / -48.0
OX or XO	75"	+48.0 / -48.0	+48.0 / -48.0	+25.0 / -25.0	+40.0 / -40.0	+48.0 / -48.0	+48.0 / -48.0
OXO	112.5"	+48.0 / -48.0	+48.0 / -48.0	+25.0 / -25.0	+40.0 / -40.0	+48.0 / -48.0	+48.0 / -48.0
OXXO	149"	+48.0 / -48.0	+48.0 / -48.0	+25.0 / -25.0	+40.0 / -40.0	N/A	+48.0 / -48.0

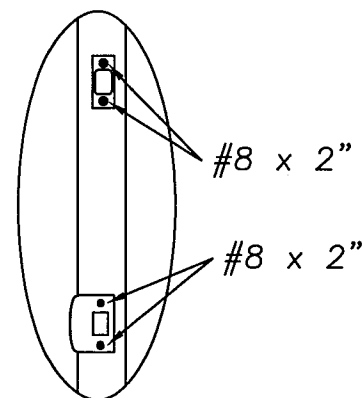
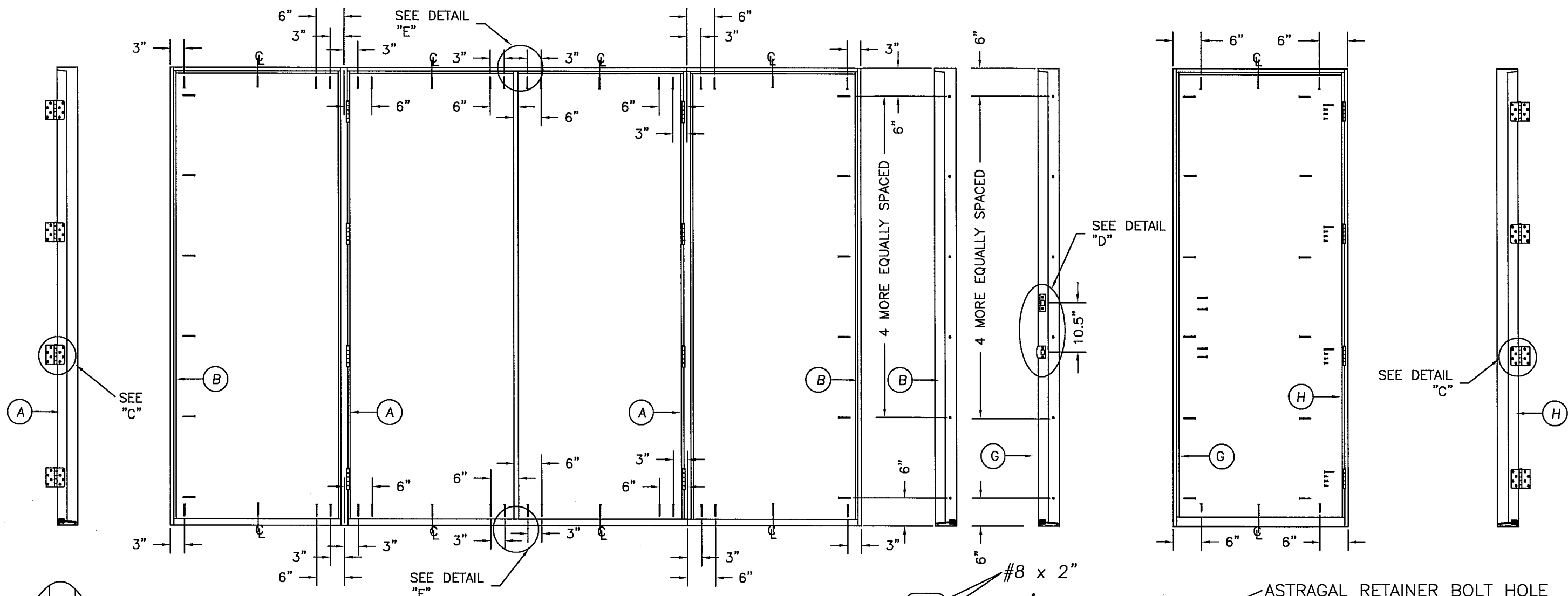
6-21-2026
KTE Behr
KURT BALTHAZOR
FLORIDA P.E.
#56533

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

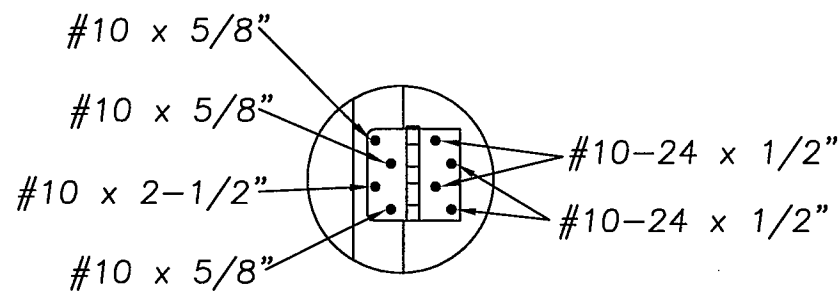
PRODUCT:
"EXTERIOR DOOR PRODUCT"
DOUBLE 8'0" OPAQUE
STEEL-EDGE STEEL DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

NO.	DATE	REVISIONS
C	5/27/26	ADDED THRESHOLD
B	7/18/20	MISC EDITS
A	10/23/17	CORRECTED GLAZING

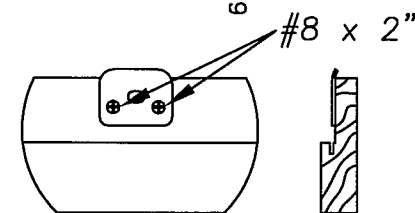
DATE: 6/21/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0224-17
SHEET 1 OF 3



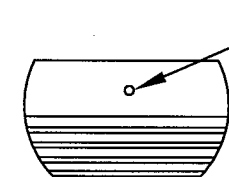
DETAIL "D"



DETAIL "C"

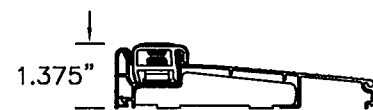


DETAIL "E" ASTRAGAL
ATTACH ASTRAGAL RETAINER BOLT
STRIKE PLATE TO FRAME
AS SHOWN.

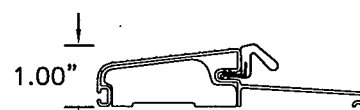


DETAIL "F" ASTRAGAL

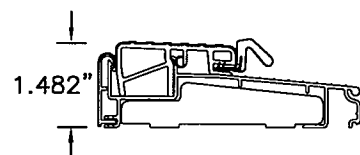
ASTRAGAL RETAINER BOLT HOLE
MUST BE DRILLED THROUGH
THE THRESHOLD & INTO THE
STRUCTURE DEEP ENOUGH
FOR A 1.375" THROW



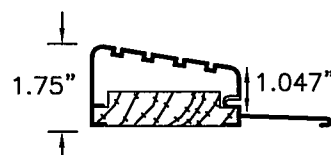
INSWING THRESHOLD



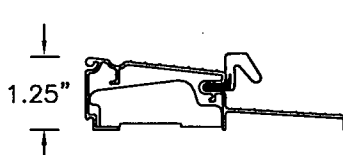
BUMPER O/S THRESHOLD



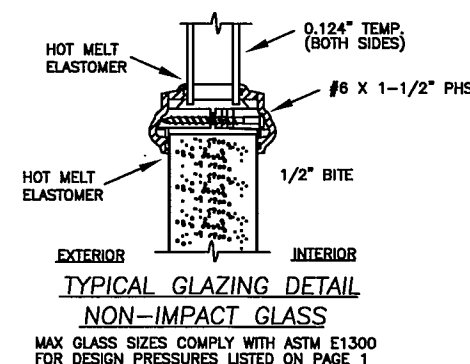
Z-SERIES O/S THRESHOLD



HIGH DAM O/S THRESHOLD



HPB O/S THRESHOLD



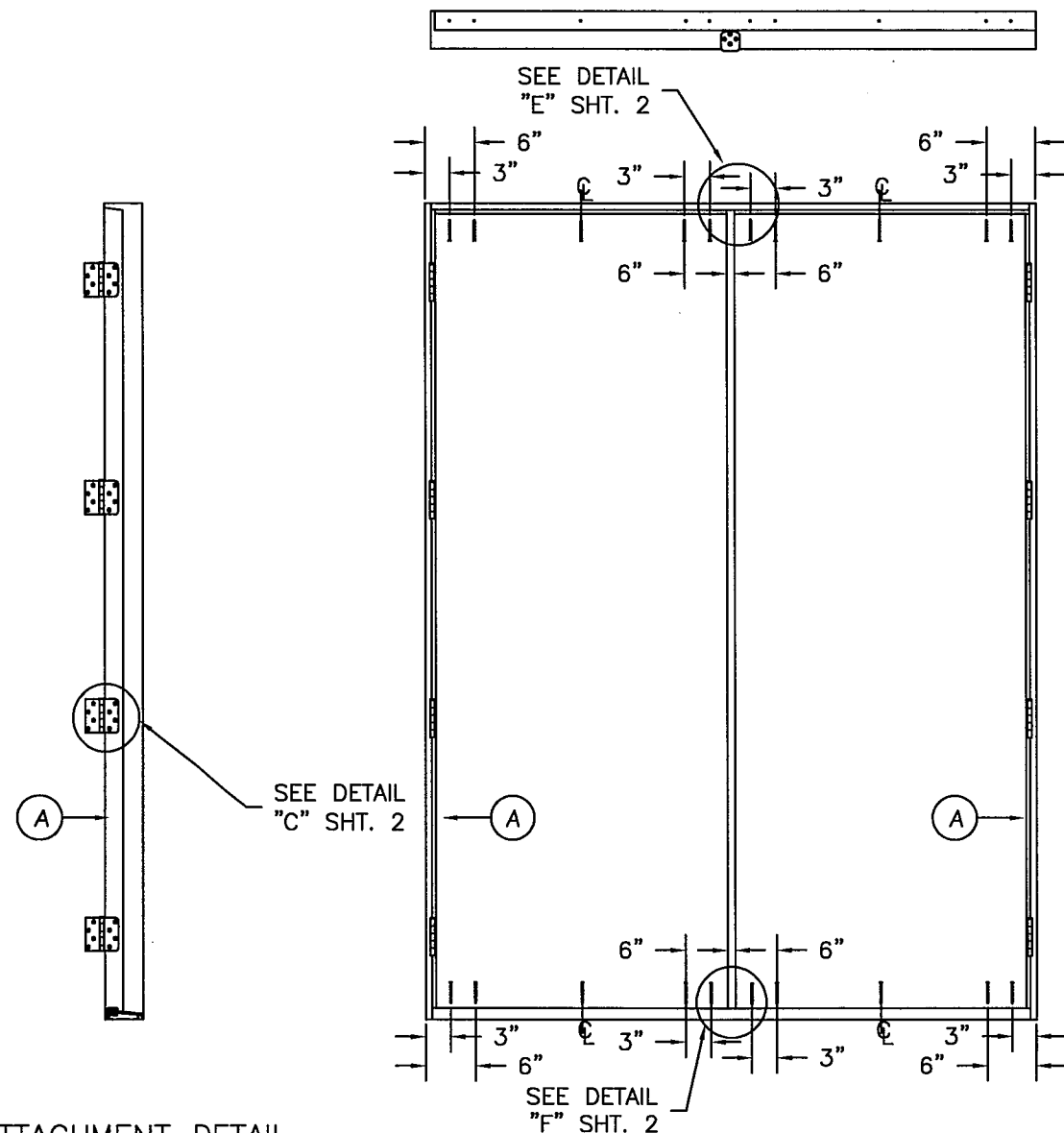
MAX GLASS SIZES COMPLY WITH ASTM E1300
FOR DESIGN PRESSURES LISTED ON PAGE 1

MASONITE INTERNATIONAL CORP. 1955 POWIS ROAD WEST CHICAGO, IL 60185			
PRODUCT: "EXTERIOR DOOR PRODUCT" 8'0" STEEL-EDGE STEEL OPAQUE DOUBLE DOOR UNIT		PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS	
		SWS	BY
		ADDED THRESHOLD	
		GLAZING DETAILS	
		CORRECTED GLAZING	
		DATE	
		NO.	
REVISIONS			
DATE: 6/21/17			
SCALE: N.T.S.			
DWG. BY: SWS			
CHK. BY:			
DRAWING NO.:			
DWG-MA-FL0224-17			
SHEET 2 OF 3			

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

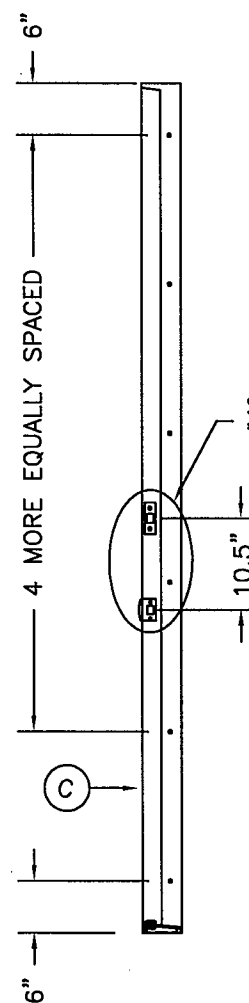
NO.	DATE	REVISIONS
C	5/27/26	ADDED THRESHOLD
B	7/18/20	MISC EDITS
A	10/23/17	CORRECTED GLAZING
BY		

DATE: 6/21/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0224-17
SHEET 3 OF 3

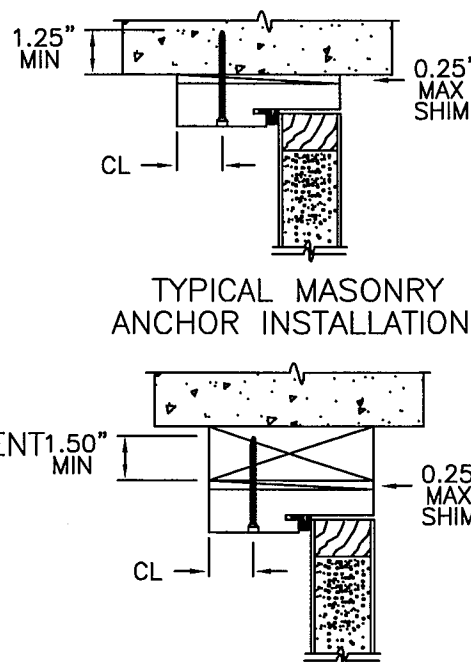


ATTACHMENT DETAIL

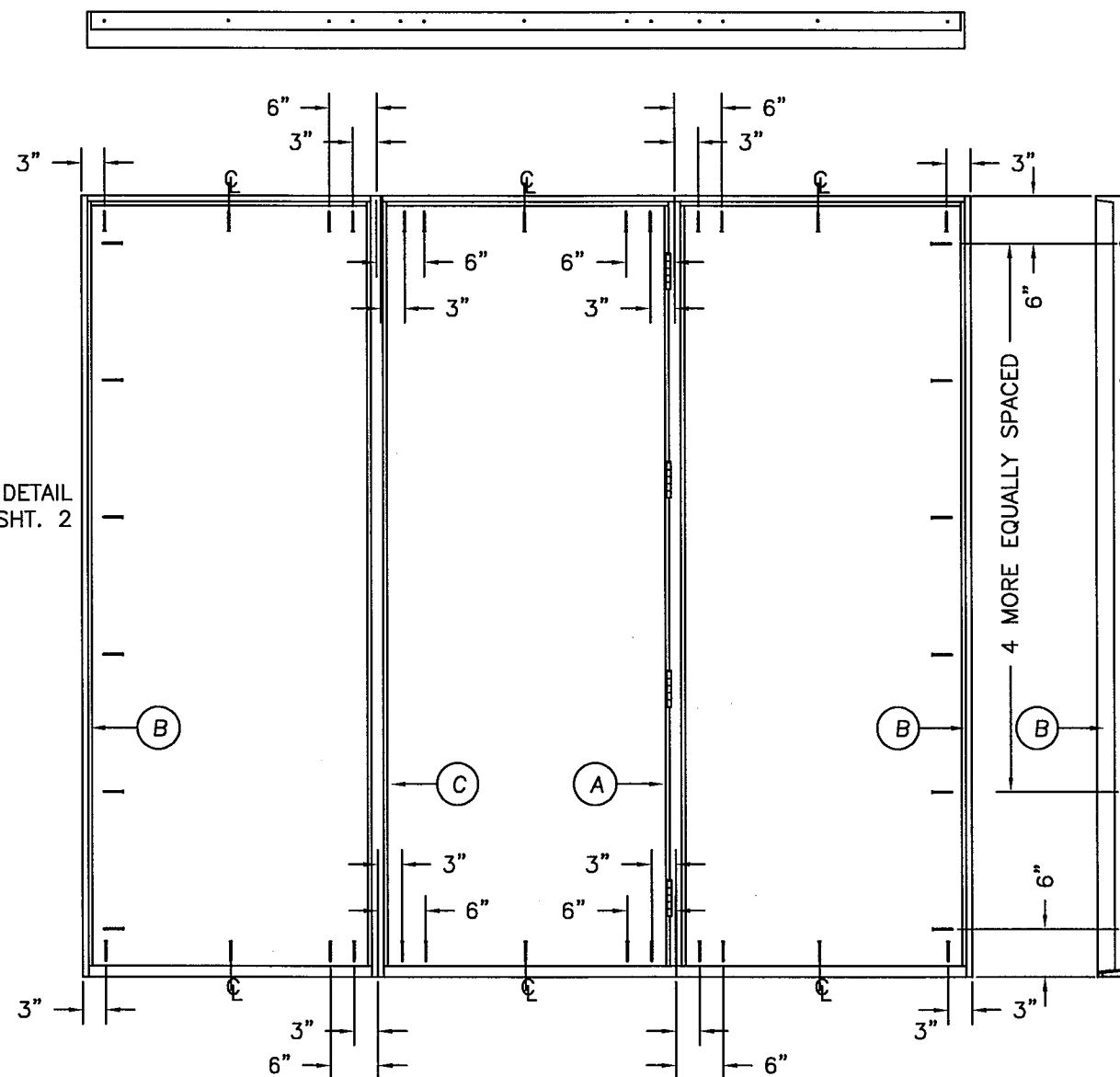
1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY LUIS R. LOMAS, PE (FLORIDA #62514) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS OR 1/4" TAPCONS. 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 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 155 LBS.
5. FASTENER CORROSION RESISTANCE PER THE FLORIDA BUILDING CODE.



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 10-1/2" CENTERLINE.
2. 4" X 4" FULL MORTISE BUTT HINGES.

