



STORMGUARD 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.
- THIS PRODUCT DOES NOT REQUIRE THE USE OF A HURRICANE PROTECTIVE SYSTEM (SHUTTERS).
- POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.

4. PLASTICS TESTING:

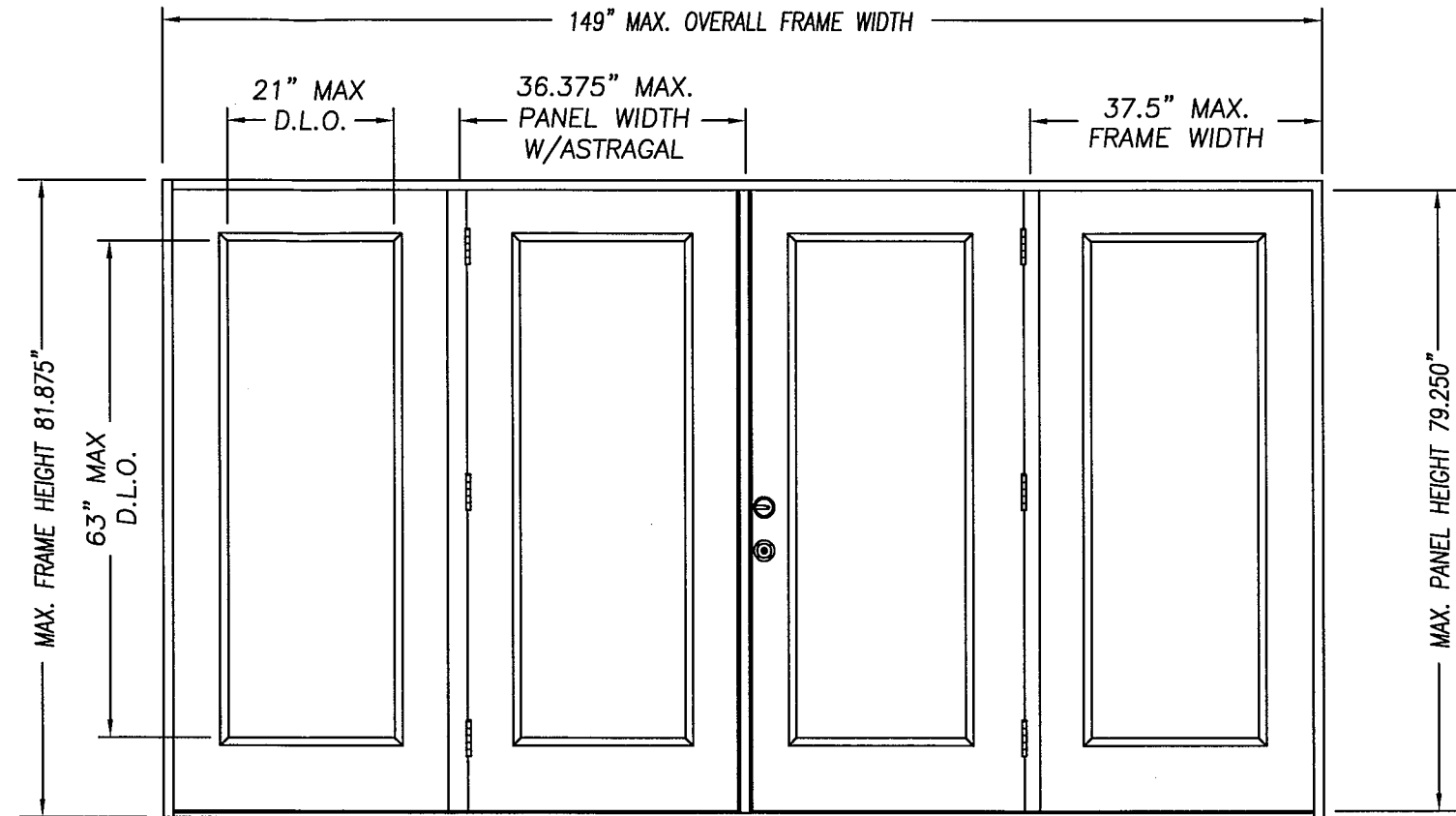
TEST DESCRIPTION	DESIGNATION	FACING	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	752 °F > 650 °F	842 °F > 650 °F
RATE OF BURNING	ASTM D635	0.56 IN/MIN	1.28 IN/MIN
SMOKE DENSITY	ASTM D2843	53.4%	70.2%
TENSILE STRENGTH*	ASTM D638	3.2% DIFF	1.8% DIFF

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

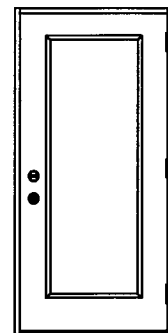
TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	779 °F > 650 °F
RATE OF BURNING	ASTM D635	0.0 IN/MIN
SMOKE DENSITY	ASTM D2843	39.0%
TENSILE STRENGTH*	ASTM D638	3.6% DIFF

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

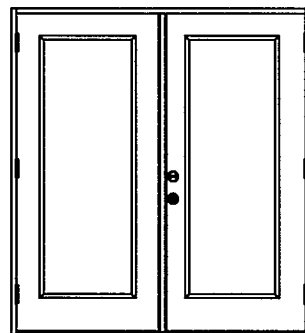
- MAXIMUM GLASS SIZES COMPLY WITH ASTM E1300 FOR THE DESIGN PRESSURES LISTED.



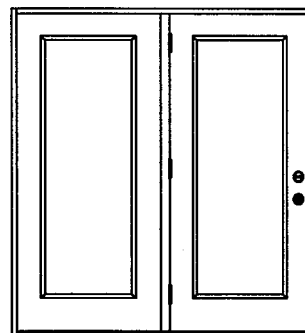
DOUBLE DOOR UNIT W/SIDELITES



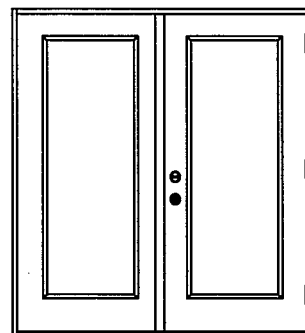
SINGLE DOOR UNIT



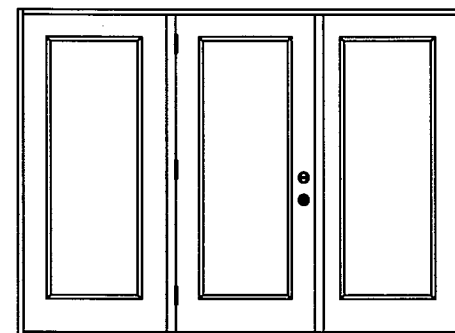
DOUBLE DOOR UNIT



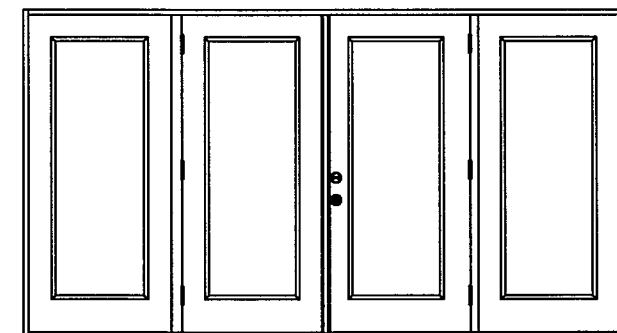
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING (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	HP O/S	T4 O/S	HIGH DAM O/S
X	37.5"	+55.0 / -55.0	+55.0 / -55.0	+25.0 / -55.0	+40.0 / -55.0	+55.0 / -55.0	+50.0 / -55.0	+55.0 / -55.0	+55.0 / -55.0
XX	74"	+50.0 / -55.0	+55.0 / -55.0*	+25.0 / -55.0	+40.0 / -55.0	+55.0 / -50.5	N/A	+55.0 / -55.0	+55.0 / -55.0
OX or XO	75"	+55.0 / -55.0	+55.0 / -55.0*	+25.0 / -55.0	+40.0 / -55.0	+55.0 / -50.5	N/A	+55.0 / -55.0	+55.0 / -55.0
OXO	112.5"	+55.0 / -55.0	+55.0 / -55.0*	+25.0 / -55.0	+40.0 / -55.0	+55.0 / -50.5	N/A	+55.0 / -55.0	+55.0 / -55.0
OX XO	149"	+50.0 / -55.0	+55.0 / -55.0*	+25.0 / -55.0	+40.0 / -55.0	N/A	N/A	+55.0 / -55.0	+55.0 / -55.0

*HPB O/S DP +55/-50.5 AND NOT AVAILABLE AS OX XO

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

PRODUCT:
"EXTERIOR DOOR PRODUCT"
DOUBLE 6'8" GLAZED
FIBERGLASS DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

NO.	DATE	REVISIONS
5/27/26	ADDED THRESHOLD	SWS
7/1/25	CORRECTIONS	SWS
11/21/23	INNERLAYER NOA	SWS
7/18/20	INNERLAYER NOA	SWS
12/18/18	ALTERNATE GLAZING	SWS
5/2/18	ADDED HP	SWS
BY		

DATE: 4/9/07
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0172-07
SHEET 1 OF 4

6-21-2026

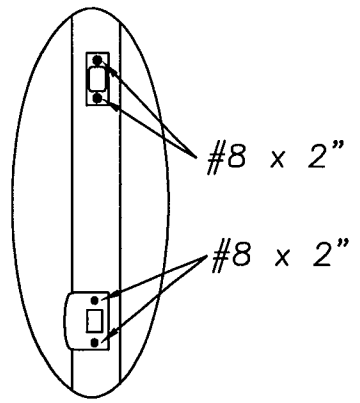
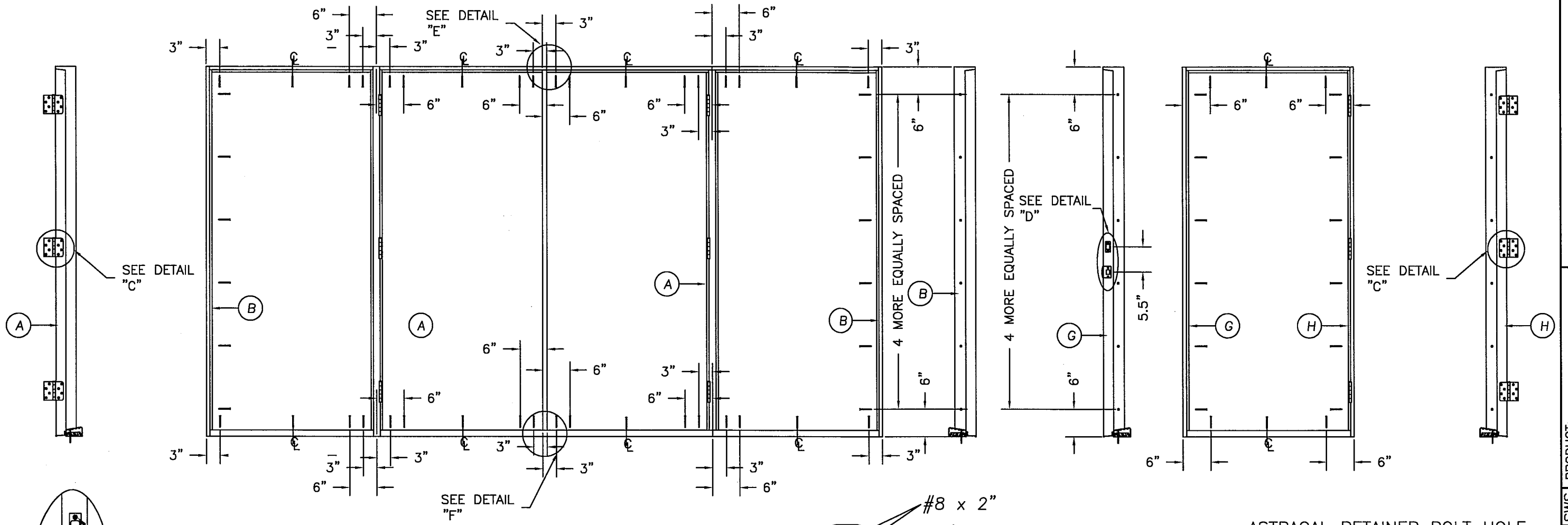
Kurt Balthazor

KURT BALTHAZOR
FLORIDA P.E.
#56533

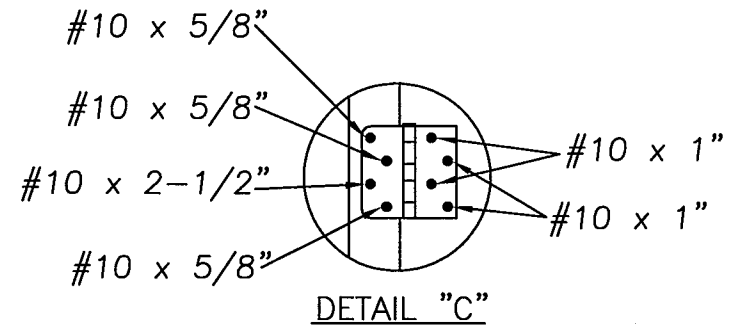
PRODUCT:
"EXTERIOR DOOR PRODUCT"
6'-8" FIBERGLASS GLAZED
DOUBLE DOOR UNIT
PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

NO.	DATE	REVISIONS	BY
J	5/27/26	ADDED THRESHOLD	SWS
I	7/1/25	CORRECTIONS	SWS
H	11/21/23	INNERLAYER NOA	SWS
G	7/18/20	INNERLAYER NOA	SWS
F	12/18/18	ALTERNATE GLAZING	SWS
E	5/2/18	ADDED HP	SWS

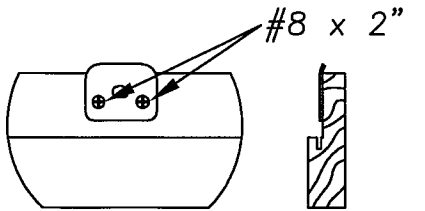
DATE: 4/9/07
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0172-07
SHEET 2 OF 4



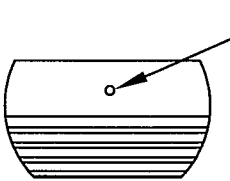
DETAIL "D"



DETAIL "C"

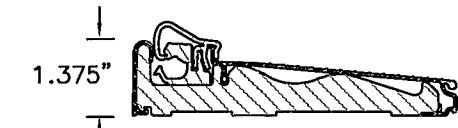


DETAIL "E" ASTRAGAL
ATTACH ASTRAGAL RETAINER BOLT
STRIKE PLATE TO FRAME
AS SHOWN.

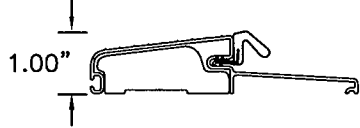


DETAIL "F" ASTRAGAL

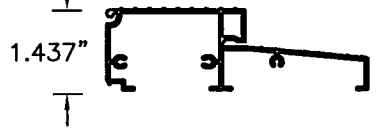
ASTRAGAL RETAINER BOLT HOLE
MUST BE DRILLED THROUGH
THE THRESHOLD & INTO THE
STRUCTURE DEEP ENOUGH
FOR A 1.375" THROW



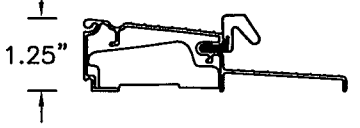
ZAC I/S THRESHOLD



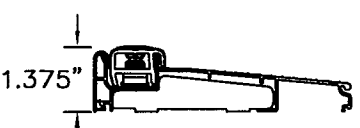
BUMPER O/S THRESHOLD



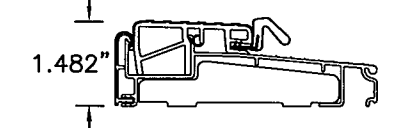
HP O/S THRESHOLD



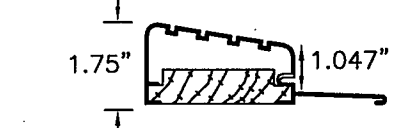
HPB O/S THRESHOLD



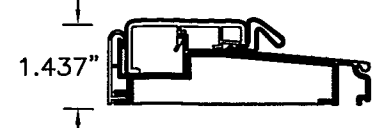
INSWING THRESHOLD



Z-SERIES O/S THRESHOLD



HIGH DAM O/S THRESHOLD

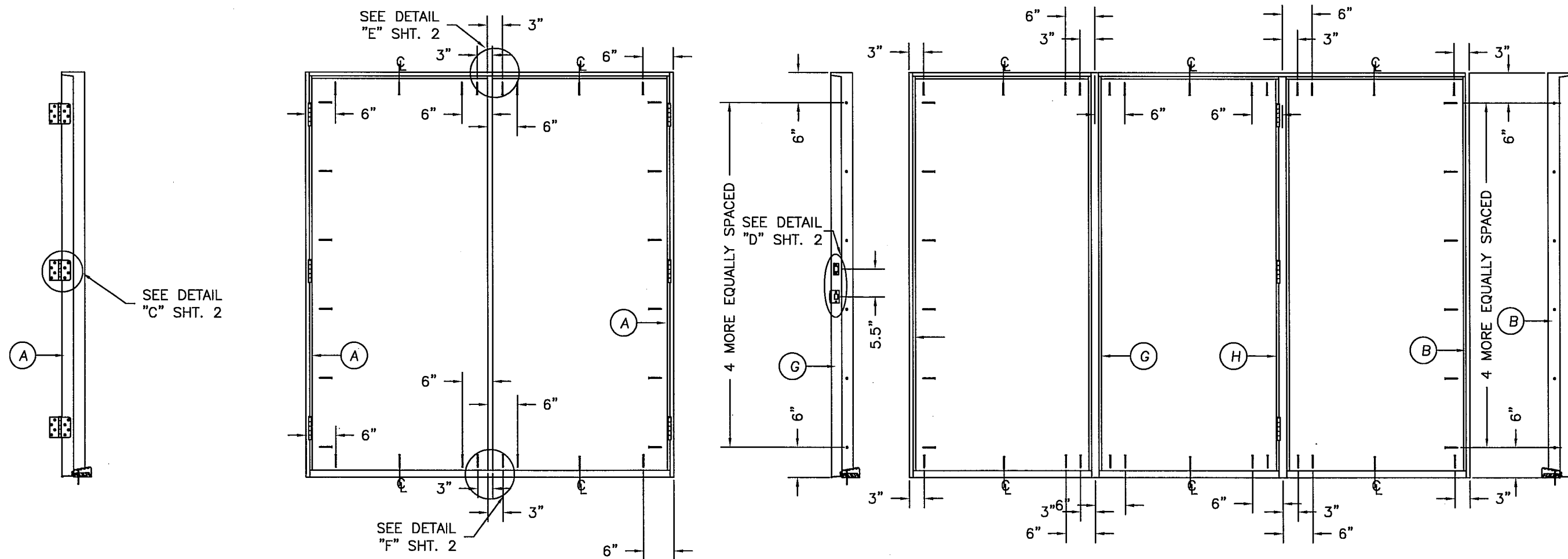


T4 O/S THRESHOLD

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

SWS	DATE	REVISIONS
5/27/26	ADDED THRESHOLD	
7/1/25	CORRECTIONS	
11/21/23	INNERLAYER NOA	
7/18/20	INNERLAYER NOA	
12/18/18	ALTERNATE GLAZING	
5/2/18	ADDED HP	
NO.	DATE	

DATE: 4/9/07
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0172-07
SHEET 3 OF 4

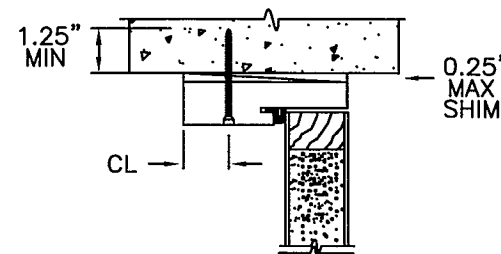


ATTACHMENT DETAIL

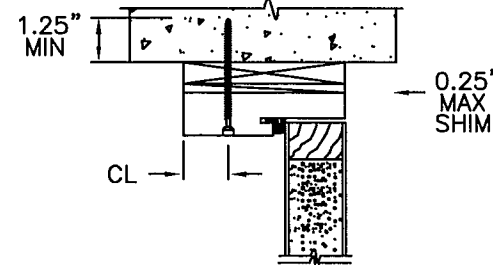
1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY ROBERTO LOMAS, PE (FLORIDA #62514) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS, 1/4" TAPCONS,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

HARDWARE SCHEDULE

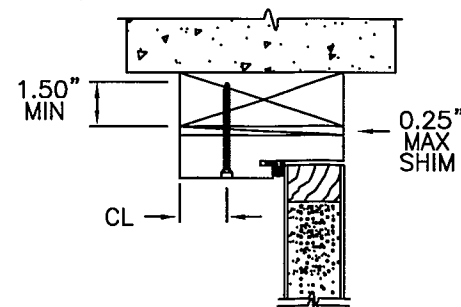
1. KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 5-1/2" CENTERLINE.
2. 4" X 4" FULL MORTISE BUTT HINGES.



TYPICAL MASONRY ANCHOR INSTALLATION



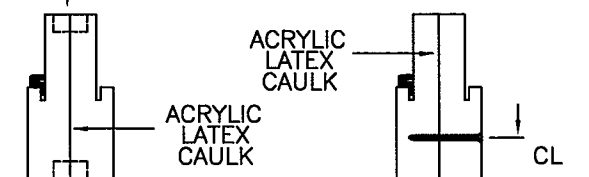
1X BUCK MASONRY ANCHOR INSTALLATION



TYPICAL WOOD BUCK ANCHOR INSTALLATION

1"X1/2" CORRUGATED
3" FROM EACH END
AND 7" OC

#10X2" WOOD SCREW
6" FROM EACH END
AND 12" OC



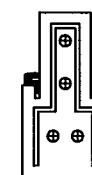
COMBINATION WOOD MULLION (BOXED)

(3) #10X2-1/2"
WOOD SCREWS
EACH END



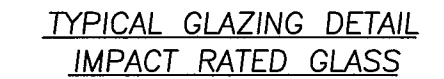
INTEGRAL WOOD MULLION (CHS)

(4) #10X2-1/2"
WOOD SCREWS
EACH END



INTEGRAL WW MULLION (CHS)

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



ALTERNATE GLAZING DETAIL
IMPACT RATED GLASS

ALTERNATE GLAZING DETAIL
IMPACT RATED GLASS

J	5/27/26	ADDED THRESHOLD	SWS
I	7/1/25	CORRECTIONS	SWS
H	11/21/23	INNERLAYER NOA	SWS
G	7/18/20	INNERLAYER NOA	SWS
F	12/18/18	ALTERNATE GLAZING	SWS
E	5/2/18	ADDED HP	SWS
NO.	DATE		BY
REVISIONS			

SHEET 4 OF 4