



FLUSH GLAZED FIBERGLASS DOOR UNIT
8'-0" GLAZED 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 OF FIBERGLASS FACING:

TEST DESCRIPTION DESIGNATION RESULT

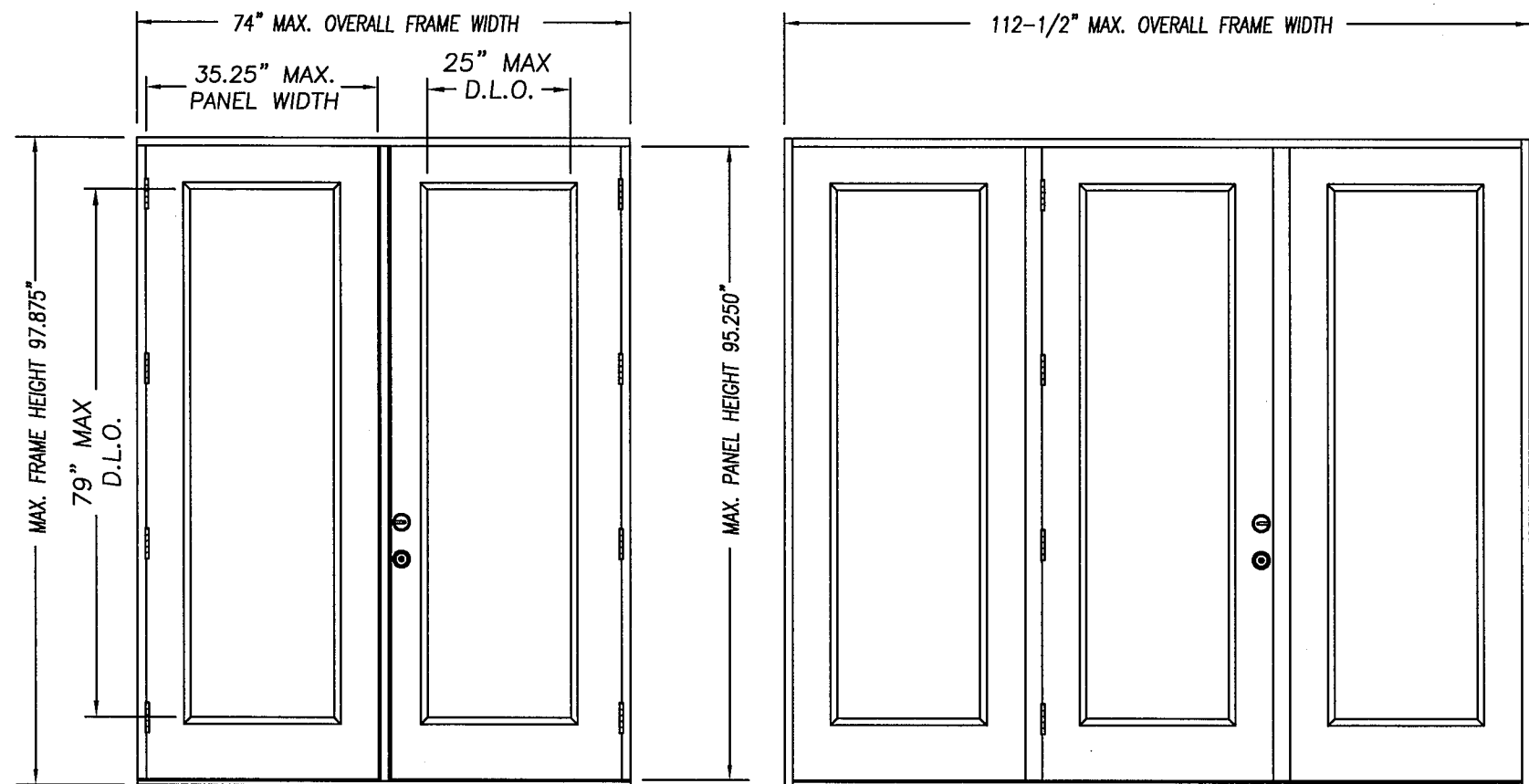
SELF IGNITION TEMP	ASTM D1929	752 °F > 650 °F
RATE OF BURNING	ASTM D635	0.56 IN/MIN
SMOKE DENSITY	ASTM D2843	53.4%
TENSILE STRENGTH*	ASTM D638	3.2% DIFF

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

TEST DESCRIPTION DESIGNATION RESULT

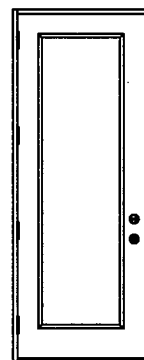
SELF IGNITION TEMP	ASTM D1929	779 °F > 650 °F
RATE OF BURNING	ASTM D635	0.0 IN/MIN
SMOKE DENSITY	ASTM D2843	39.0%
TENSILE STRENGTH*	ASTM D638	3.6% DIFF

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

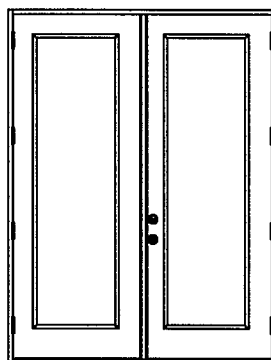


DOUBLE DOOR UNIT

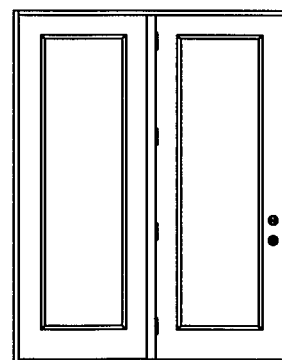
SINGLE DOOR W/SIDELITES



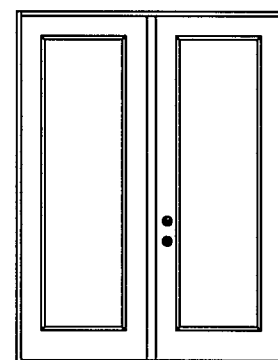
SINGLE DOOR UNIT



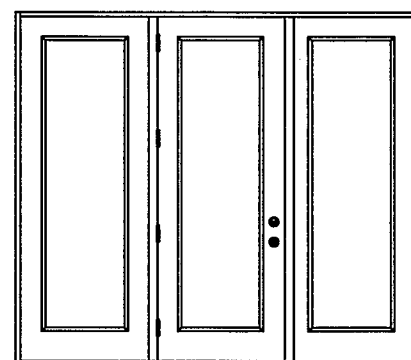
DOUBLE DOOR UNIT



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT
WITH SIDELITE



SINGLE 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	HI DAM O/S
X	37.5"	+50.0 / -50.0	+50.0 / -50.0	+35.0 / -50.0	+40.0 / -50.0	+50.0 / -50.0	+47.0 / -50.0
XX	74"	+45.0 / -45.0	+45.0 / -45.0	+35.0 / -45.0	+40.0 / -45.0	+45.0 / -45.0	+45.0 / -45.0
XO or OX	75"	+50.0 / -50.0	+50.0 / -50.0	+35.0 / -50.0	+40.0 / -50.0	+50.0 / -50.0	+47.0 / -50.0
OXO	112.5"	+50.0 / -50.0	+50.0 / -50.0	+35.0 / -50.0	+40.0 / -50.0	+50.0 / -50.0	+47.0 / -50.0

6-21-2026
KTL BLD

KURT BALTHAZOR
FLORIDA P.E.
#56533

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

PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

NO.	DATE	REVISIONS
B	5/27/26	ADDED THRESHOLD
A	5/14/25	ADDED CONFIGS

DATE: 6/11/24

SCALE: N.T.S.

DWG. BY: SWS

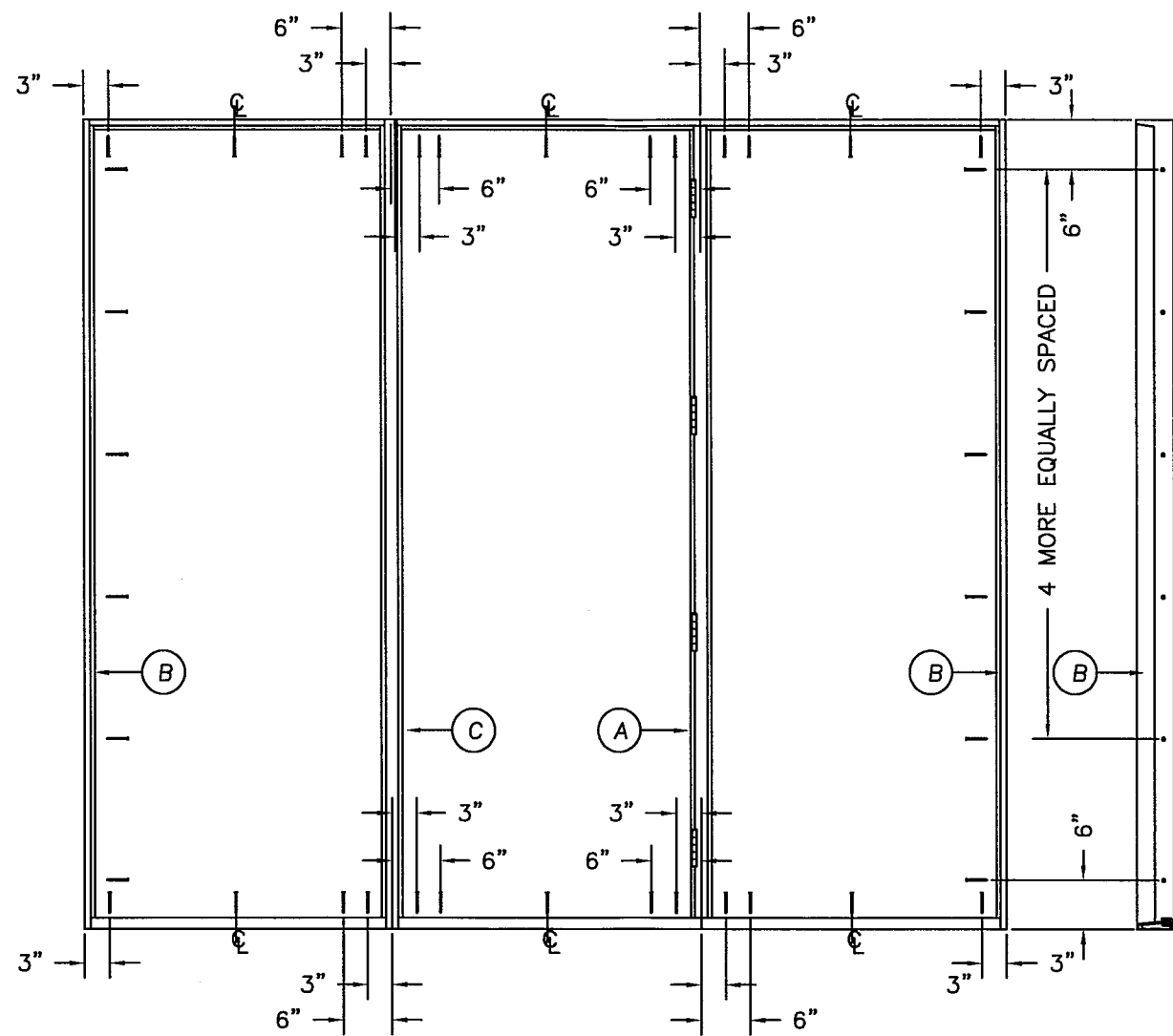
CHK. BY:

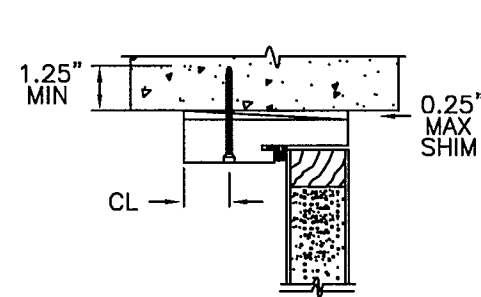
DRAWING NO.:

DWG-MA-FL0271-24

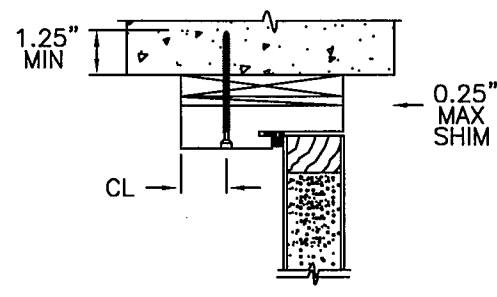
SHEET 1 OF 4

DATE: 6/11/24
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0271-24
SHEET 2 OF 3

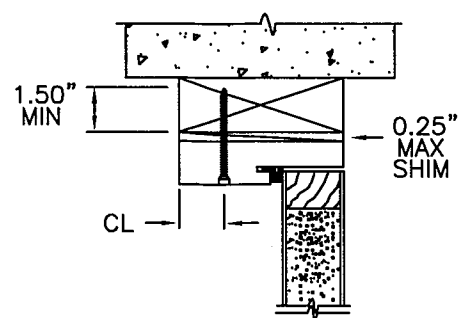
[illegible]



TYPICAL MASONRY
ANCHOR INSTALLATION



1X BUCK MASONRY
ANCHOR INSTALLATION



TYPICAL WOOD BUCK
ANCHOR INSTALLATION

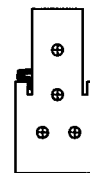
ATTACHMENT DETAIL

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.
6. FASTENER CORROSION RESISTANCE PER THE FLORIDA BUILDING CODE.

HARDWARE SCHEDULE

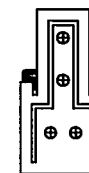
1.	KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 10-1/2" CENTERLINE.
2.	4" X 4" FULL MORTISE BUTT HINGES.

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



INTEGRAL WOOD
MULLION (CHS)

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



INTEGRAL WW
MULLION (CHS)

PRODUCT:		PART OR ASSEMBLY:	
"EXTERIOR DOOR PRODUCT" 8'0" FIBERGLASS GLAZED DOUBLE DOOR UNIT		ANCHORING LOCATIONS & DETAILS	
		SWS	BY
		ADDED THRESHOLD	REVISIONS
		ADDED CONFIGS	
		DATE	
		NO.	
		5/27/26	
		5/14/25	
		B	
		A	
DATE: 6/11/24			
SCALE: N.T.S.			
DWG. BY: SWS			
CHK. BY:			
DRAWING NO.:			
DWG-MA-FL0271-24			
SHEET 4 OF 4			

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