



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

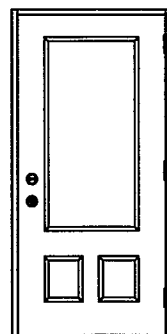
TEST DESCRIPTION	DESIGNATION	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	740 °F > 650 °F
RATE OF BURNING	ASTM D635	0.77 IN/MIN
SMOKE DENSITY	ASTM D2843	13.4%
TENSILE STRENGTH*	ASTM D638	7.1% DIFF

Technical drawing of a double door assembly. The drawing shows two doors with transoms and kick plates. Dimensions are provided for the overall frame width, panel width, and door height.

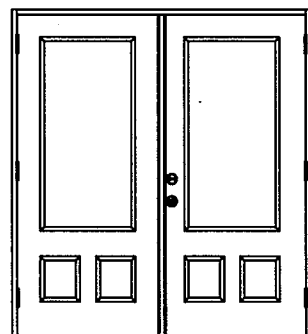
Dimensions:

- 149" MAX. OVERALL FRAME WIDTH
- 21" MAX D.L.O. (Door Leaf Opening)
- 36.375" MAX. PANEL WIDTH W/ASTRAGAL
- 21" MAX D.L.O. (Door Leaf Opening)
- 37.5" MAX. FRAME WIDTH
- 63" MAX S/L D.L.O. (Side Leaf Door Leaf Opening)
- 47" MAX D.L.O. (Door Leaf Opening)
- MAX. FRAME HEIGHT 81.875"
- MAX. PANEL HEIGHT 70.250"

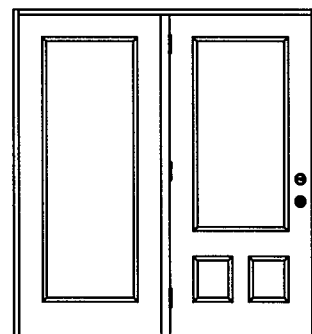
DOUBLE DOOR UNIT W/SIDELITES



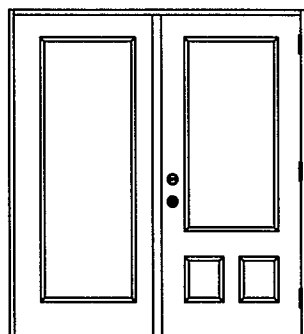
SINGLE DOOR UNIT



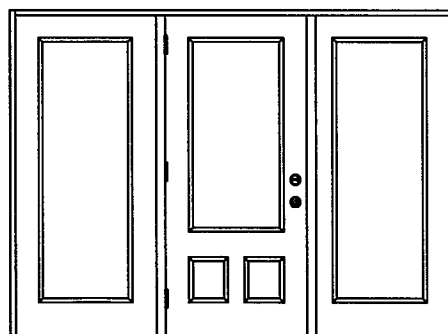
DOUBLE DOOR UNIT



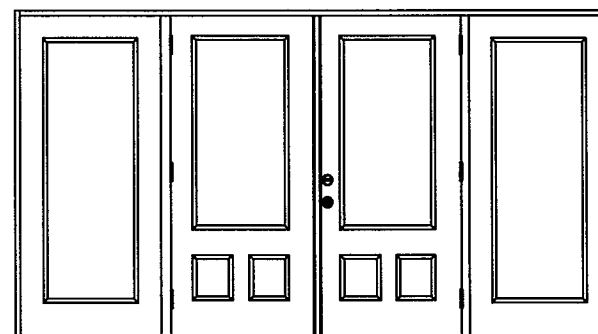
SINGLE DOOR UNIT
WITH SIDELITE



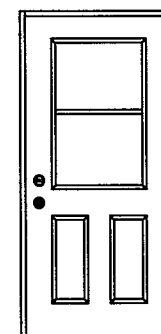
SINGLE DOOR UNIT
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES



SINGLE DOOR UNIT
WITH VENTLITE

		DESIGN PRESSURE RATING (WHERE NO WATER REQUIRED)		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE					
CONFIG	MAX WIDTH	INSWING	OUTSWING	BUMPER O/S	Z-SERIES O/S	HPB O/S	HIGH DAM O/S	T4 O/S	HP O/S
X	37.5"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	+50.0 / -50.0	+50.0 / -50.0
XX	74"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	N/A	N/A
OX or XO	75"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	N/A	N/A
OXO	112.5"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	+50.0 / -50.0	+50.0 / -50.0	N/A	N/A
OXOX	149"	+50.0 / -50.0	+50.0 / -50.0	+20.0 / -20.0	+30.0 / -30.0	N/A	+50.0 / -50.0	N/A	N/A
X-VENT	37.5"	+50.0 / -50.0	+50.0 / -50.0	N/A	N/A	N/A	N/A	N/A	N/A

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6-21-2026
KTL: Bahy

KURT BALTHAZOR
FLORIDA P.E.
#56533

PRODUCT:

**"EXTERIOR DOOR PRODUCT"
DOUBLE 6'8" GLAZED
WOOD-EDGE STEEL DOOR**

PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

C	5/27/26	ADDED THRESHOLD	SWS		
B	7/18/20	MISC EDITS	SWS		
A	4/6/18	ADDED THRESHOLDS	SWS		
NO.	DATE		BY		
REVISIONS					

DATE: 5/26/17

SCALE: N.T.S.

DWG. BY: SWS

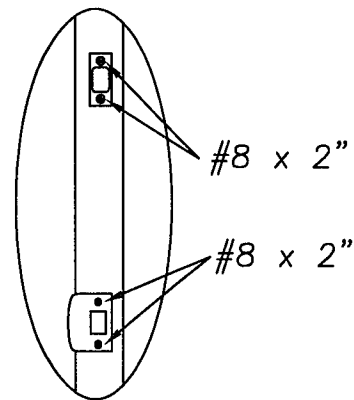
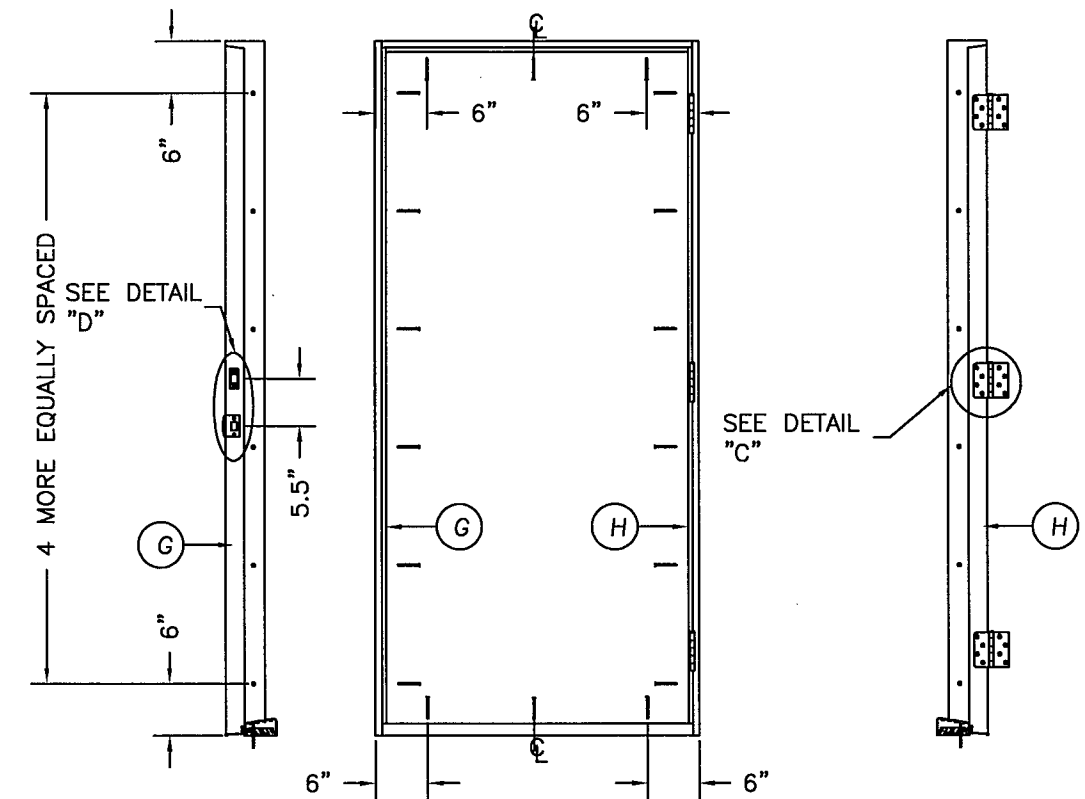
CHK. BY:

DRAWING NO.:

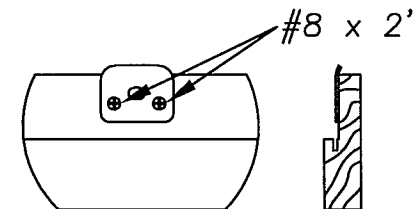
DWG-MA-FL0214-17

SHEET 1 OF 3

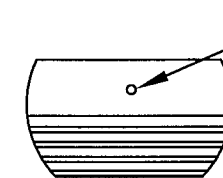
MASONITE INTERNATIONAL CORP.
1955 POWIS ROAD
WEST CHICAGO, IL 60185



DETAIL "C"

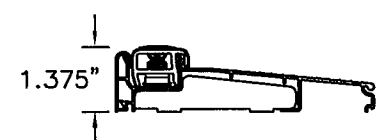
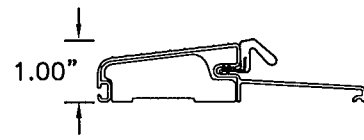


DETAIL "E" ASTRAGAL
ATTACH ASTRAGAL RETAINER BOLT
STRIKE PLATE TO FRAME
AS SHOWN.

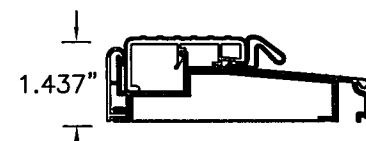


DETAIL "F" ASTRAGAL

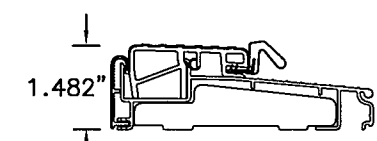
✓ ASTRAGAL RETAINER BOLT HOLE
MUST BE DRILLED THROUGH
THE THRESHOLD & INTO THE
STRUCTURE DEEP ENOUGH
FOR A 1.375" THROW

INSWING THRESHOLD

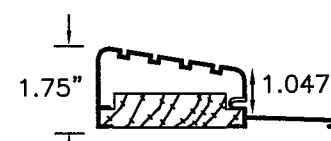
BUMPER 0/S THRESHOLD



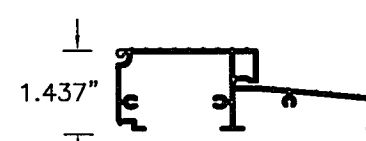
T4 O/S THRESHOLD



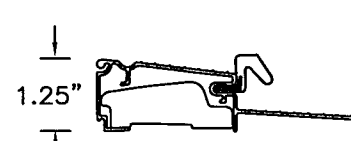
Z-SERIES O/S THRESHOLD



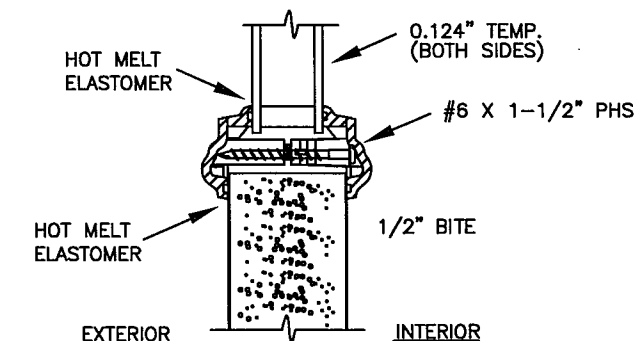
HIGH DAM O/S THRESHOLD



HP O/S THRESHOLD



HPB 0/S THRESHOLD



TYPICAL GLAZING DETAIL
NON-IMPACT GLASS

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

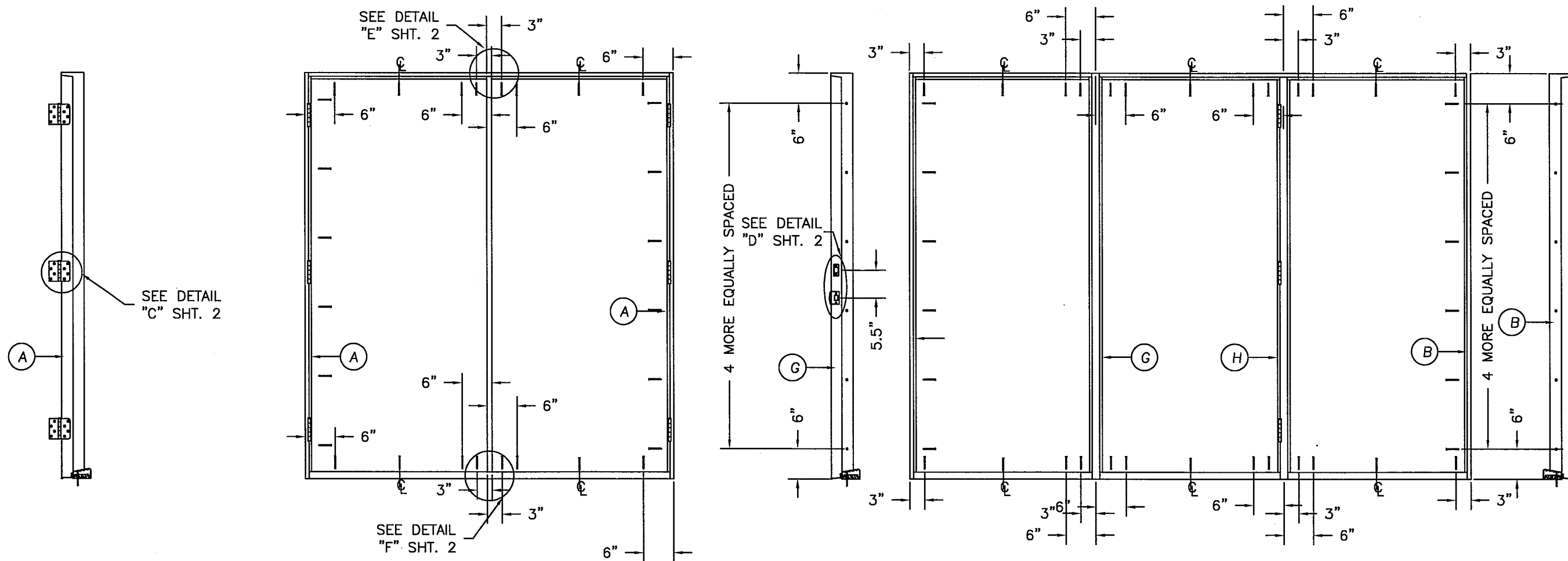
PRODUCT:		"EXTERIOR DOOR PRODUCT" 6'-8" WOOD-EDGE STEEL GLAZED DOUBLE DOOR UNIT	
PART OR ASSEMBLY:		ANCHORING LOCATIONS & DETAILS	
C	5/27/26	ADDED THRESHOLD	SWS
B	7/18/20	MISC EDITS	SWS
A	4/6/18	ADDED THRESHOLDS	SWS
NO.	DATE		BY
		REVISIONS	
DATE: 5/26/17			
SCALE: N.T.S.			
DWG. BY: SWS			
CHK. BY:			
DRAWING NO.:			
DWG-MA-FL0214-17			
SHEET 2 OF 3			

PRODUCT:
"EXTERIOR DOOR PRODUCT"
6'-8" WOOD-EDGE STEEL GLAZED
DOUBLE DOOR UNIT

PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

NO.	DATE	REVISIONS
C	5/27/26	ADDED THRESHOLD
B	7/18/20	ANCHOR CORRECTION
A	4/6/18	ADDED THRESHOLDS
BY		

DATE: 5/26/17
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG-MA-FL0214-17
SHEET 3 OF 3

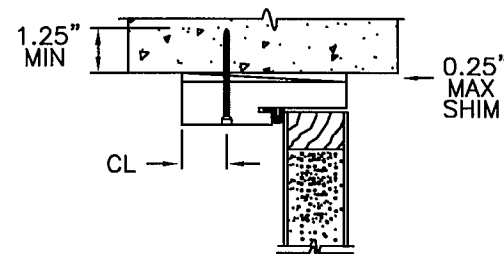


HARDWARE SCHEDULE

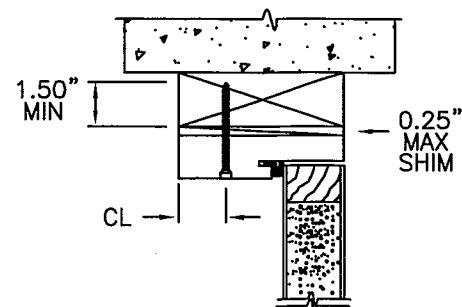
- KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 5-1/2" CENTERLINE.
- 4" X 4" FULL MORTISE BUTT HINGES.

ATTACHMENT DETAIL

- 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 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".
- 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".
- WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
- MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.
- FASTENER CORROSION RESISTANCE PER THE FLORIDA BUILDING CODE.



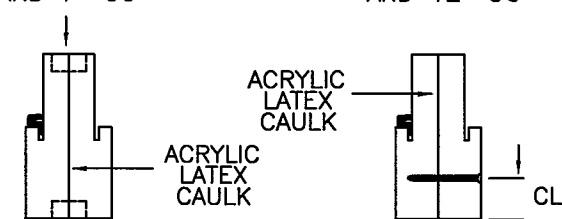
TYPICAL MASONRY
ANCHOR INSTALLATION



TYPICAL WOOD BUCK
ANCHOR INSTALLATION

1"x1/2" CORRUGATED
3" FROM EACH END
AND 7" OC

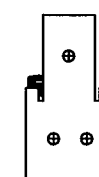
#10X2" WOOD SCREW
6" FROM EACH END
AND 12" OC



COMBINATION WOOD
MULLION (BOXED)

COMBINATION WOOD
MULLION (BOXED)

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



INTEGRAL WOOD
MULLION (CHS)