



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

GENERAL NOTES

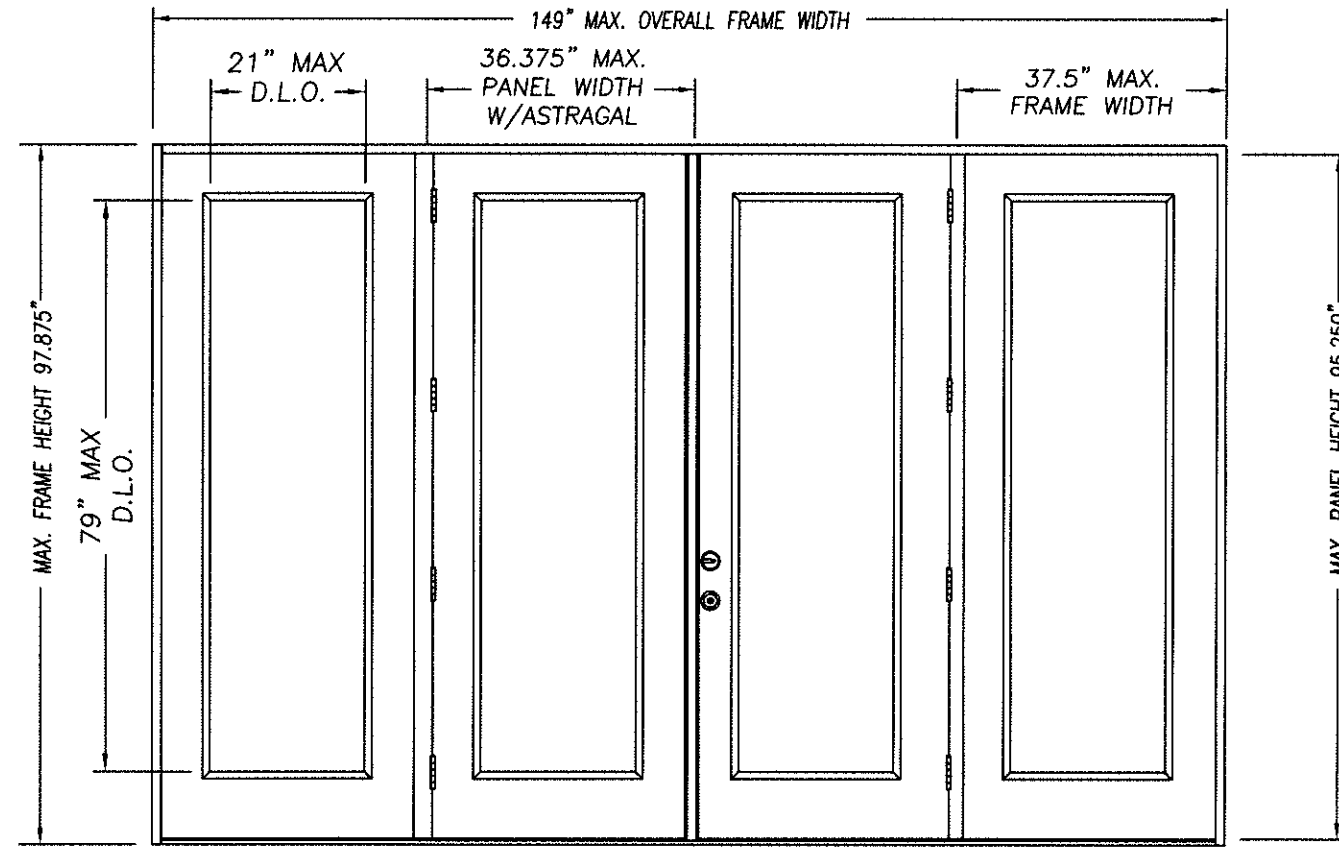
1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. WHEN INSTALLED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ), HURRICANE 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.
5. PLASTICS TESTING:

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

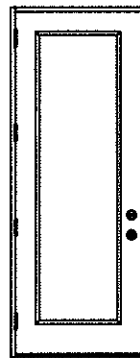
\* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING  
4500 HOURS XENON ARC METHOD 1

Addendum to NAMI

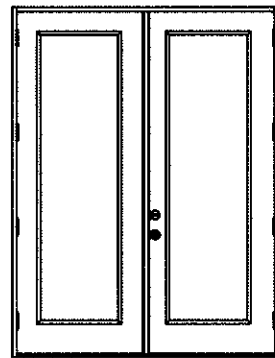
Certification No.: NE013762  
Reviewed By: [Signature]  
Date Reviewed: 6/21/17



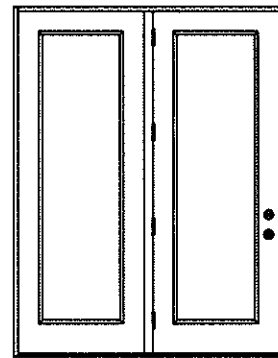
DOUBLE DOOR UNIT W/SIDELITES



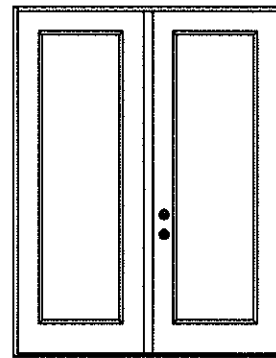
SINGLE DOOR UNIT



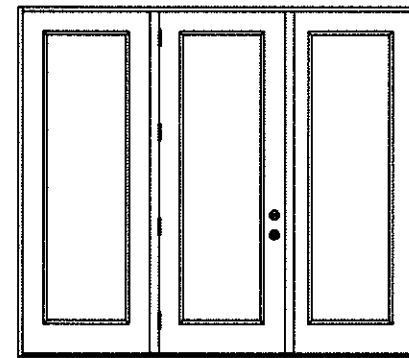
DOUBLE DOOR UNIT



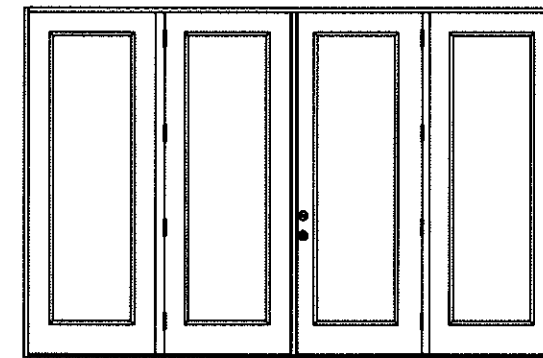
SINGLE DOOR UNIT WITH SIDELITE



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	BUMPER O/S	Z-SERIES O/S	HIGH DAM O/S
X	37.5"	+40.0 / -40.0	+40.0 / -40.0	N/A	+25.0 / -25.0	+40.0 / -40.0	+40.0 / -40.0
XX	74"	+40.0 / -40.0	+40.0 / -40.0	N/A	+25.0 / -25.0	+40.0 / -40.0	+40.0 / -40.0
OX or XO	75"	+40.0 / -40.0	+40.0 / -40.0	N/A	+25.0 / -25.0	+40.0 / -40.0	+40.0 / -40.0
OXO	112.5"	+40.0 / -40.0	+40.0 / -40.0	N/A	+25.0 / -25.0	+40.0 / -40.0	+40.0 / -40.0
OXXO	149"	+40.0 / -40.0	+40.0 / -40.0	N/A	+25.0 / -25.0	+40.0 / -40.0	+40.0 / -40.0

*Kurt Balthazor*

KURT BALTHAZOR  
FLORIDA P.E.  
#56533

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

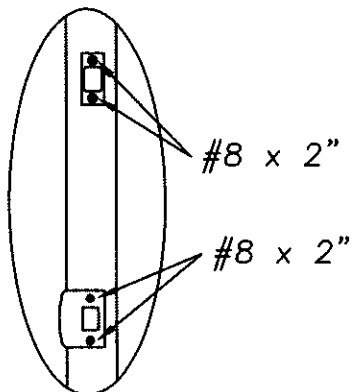
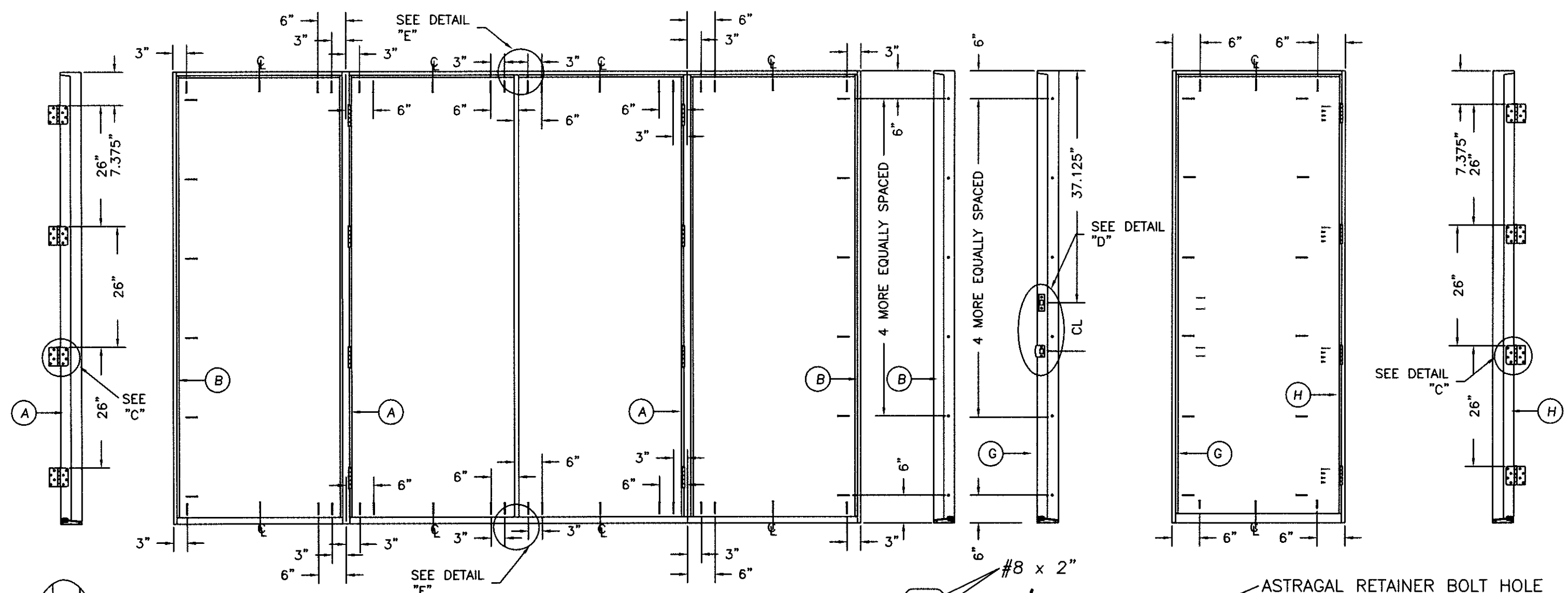
PRODUCT: EXTERIOR DOOR PRODUCT  
DOUBLE 8'0" GLAZED  
STEEL-EDGE STEEL DOOR  
PART OR ASSEMBLY:  
TYPICAL ELEVATIONS  
& GENERAL NOTES

NO.	DATE	BY	REVISIONS

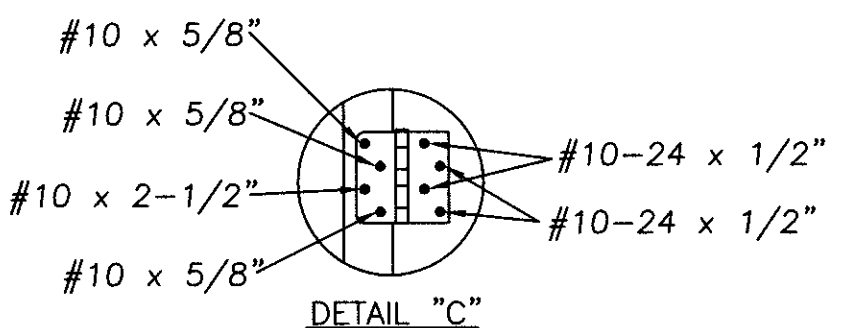
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SCALE: N.T.S.  
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CHK. BY:  
DRAWING NO.:  
DWG-MA-FL0226-17  
SHEET 1 OF 3

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

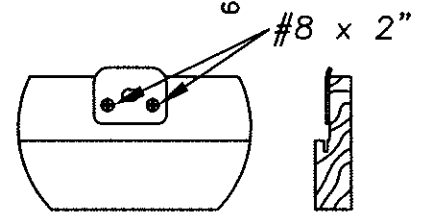
PRODUCT:  
 "EXTERIOR DOOR PRODUCT"  
 8'0" STEEL-EDGE STEEL GLAZED  
 DOUBLE DOOR UNIT  
 PART OR ASSEMBLY:  
 ANCHORING LOCATIONS  
 & DETAILS



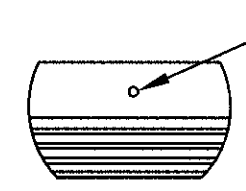
DETAIL "D"



DETAIL "C"

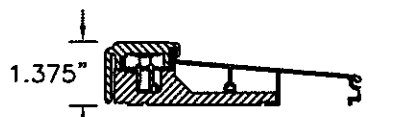


DETAIL "E" ASTRAGAL  
 ATTACH ASTRAGAL RETAINER BOLT  
 STRIKE PLATE TO FRAME  
 AS SHOWN.

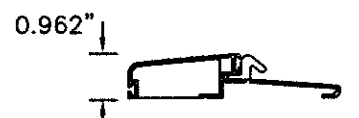


DETAIL "F" ASTRAGAL

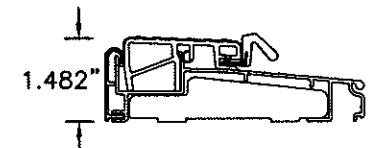
ASTRAGAL RETAINER BOLT HOLE  
 MUST BE DRILLED THROUGH  
 THE THRESHOLD & INTO THE  
 STRUCTURE DEEP ENOUGH  
 FOR A 1.375" THROW



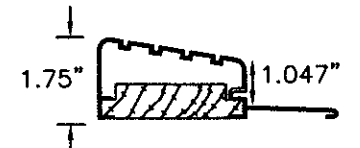
INSWING THRESHOLD



BUMPER O/S THRESHOLD

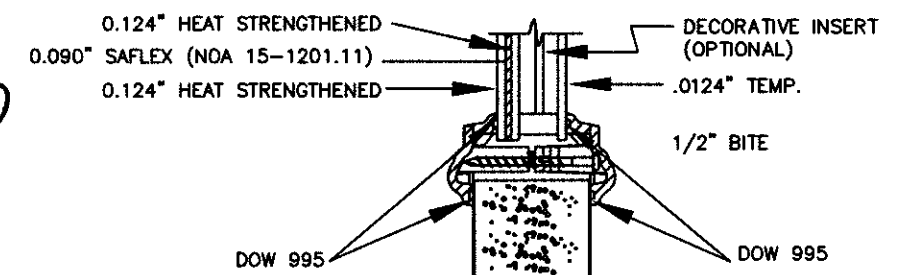


Z-SERIES O/S THRESHOLD



HIGH DAM O/S THRESHOLD

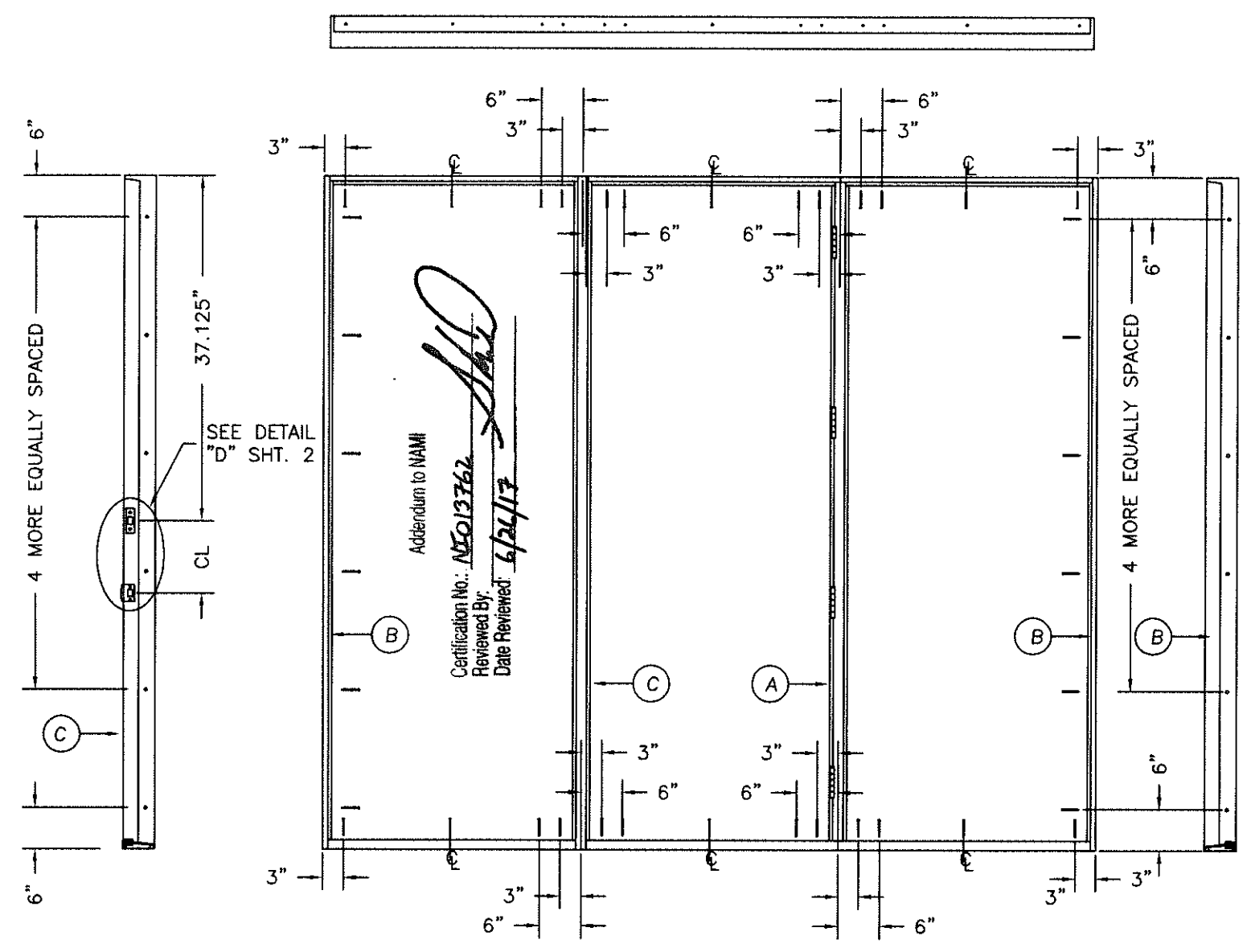
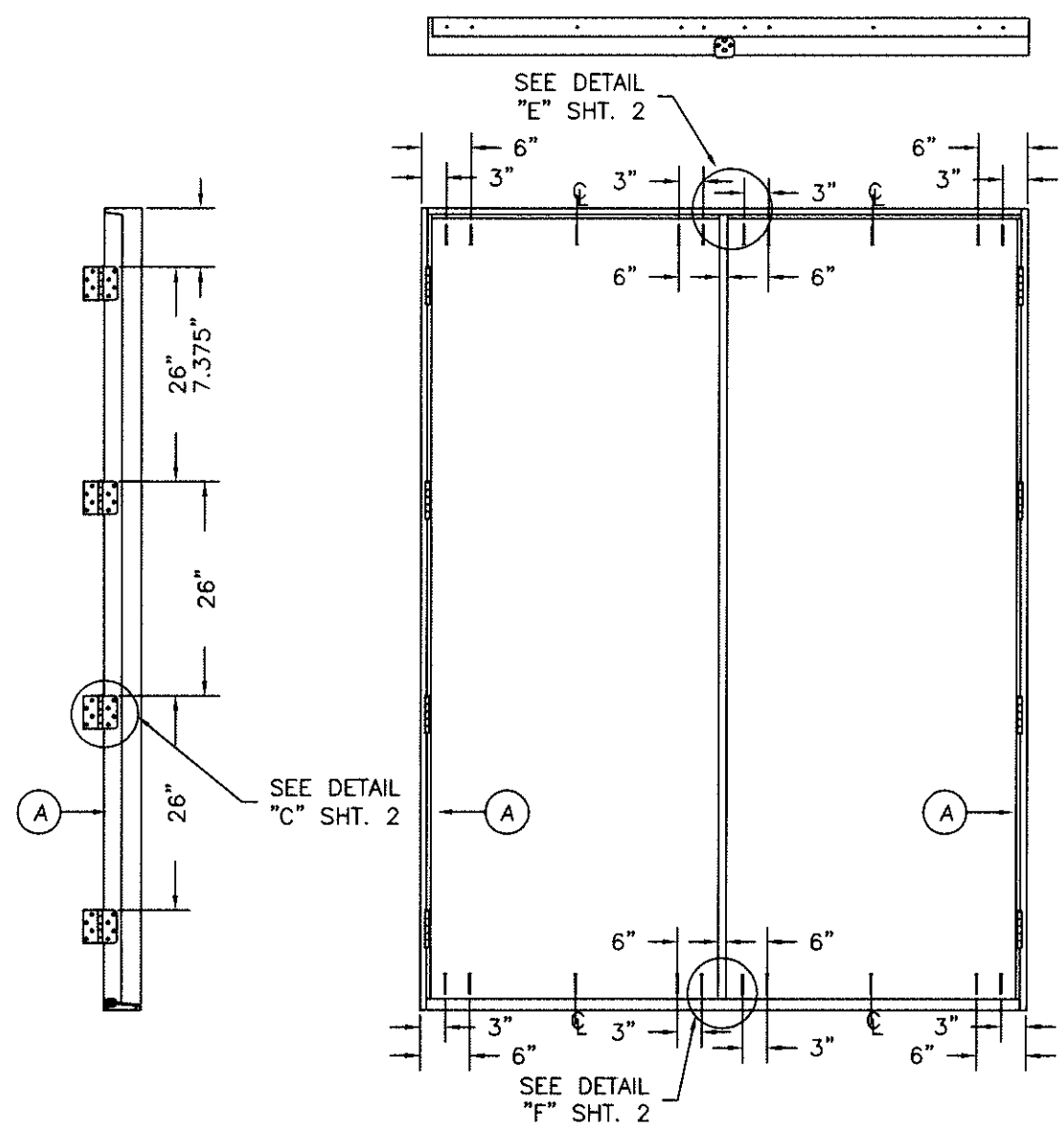
Addendum to NAMI  
 Certification No.: NE013762  
 Reviewed By: [Signature]  
 Date Reviewed: 6/21/17



TYPICAL GLAZING DETAIL  
 IMPACT RATED GLASS

NO.	DATE	REVISIONS	BY

DATE: 6/21/17  
 SCALE: N.T.S.  
 DWG. BY: SWS  
 CHK. BY:  
 DRAWING NO.:  
 DWG-MA-FL0226-17  
 SHEET 2 OF 3



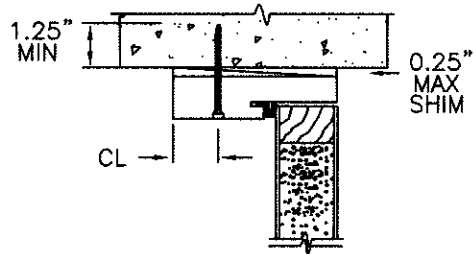
**ATTACHMENT DETAIL**

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".

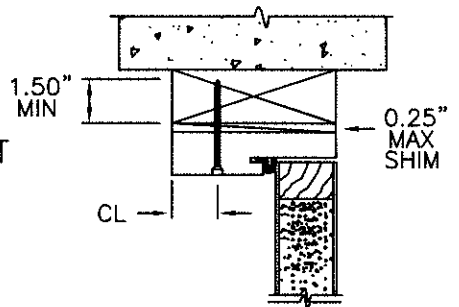
2. THE WOOD SCREW SINGLE SHEAR DESIGN VALUES COME FROM ANSI/AF&PA NDA FOR SOUTHERN PINE LUMBER AND ACHIEVEMENT OF 1-1/2" MINIMUM EMBEDMENT. THE TAPCON MUST ACHIEVE MINIMUM EMBEDMENT OF 1-1/4".

3. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.

4. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 155 LBS.



TYPICAL MASONRY ANCHOR INSTALLATION

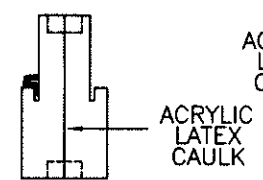


TYPICAL WOOD BUCK ANCHOR INSTALLATION

**HARDWARE SCHEDULE**

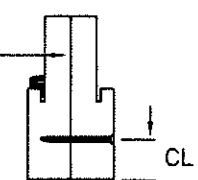
1.	KWIKSET SERIES 400 GRADE 3 CYLINDRICAL LATCH AND SERIES 980 GRADE 1 DEADLOCK HARDWARE TO BE INSTALLED AT 10-1/2" CENTERLINE.
2.	4" X 4" FULL MORTISE BUTT HINGES.

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



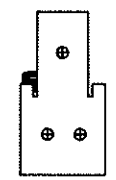
COMBINATION WOOD MULLION (BOXED)

#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)

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

NO.	DATE	BY	REVISIONS

DATE:	6/21/17
SCALE:	N.T.S.
DWG. BY:	SWS
CHK. BY:	
DRAWING NO.:	DWG-MA-FL0226-17
SHEET	3 OF 3