



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

**Jeld-Wen, Inc.  
31725 Highway 97 N.  
Chiloquin, OR 97624**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series "DoorCraft®" 12'0" x 6'8" W/E Outswing Glazed Insulated Steel Door w/ Full Glazed Panel Sidelites**

**APPROVAL DOCUMENT:** Drawing No. S-2130, dated 12/10/01, with revision 2 dated 06/07/02, titled "Wood Edge Glazed Double Door w/ 3-0 Sidelites up to 12' x 6'8 Outswing Unit", sheets 1 through 5, prepared by R. W. Building Consultants, Inc., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: None**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 02-0111.01  
Expiration Date: August 22, 2007  
Approval Date: August 22, 2002  
Page 1**

# DoorCraft® WOOD EDGE

WOOD EDGE GLAZED INSULATED STEEL DOOR  
OUTSWING 6-8 UNITS WITH (2) 3-0 SIDELITES

## GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. THIS SYSTEM MEETS THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".
5. THIS SYSTEM REQUIRES WINDBORNE DEBRIS EXTERNAL PROTECTION AS PRESCRIBED IN SECTION 1626.1 OF FLORIDA BUILDING CODE.

## RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

### Door Leaf Construction:

**Face sheets:** 24 ga. (0.021") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength  $F_y(\text{ave.})=49,200$  psi.

**Core design:** Expanded polystyrene with 1.0 to 1.25 lbs. density, by Jeld-Wen, Inc.

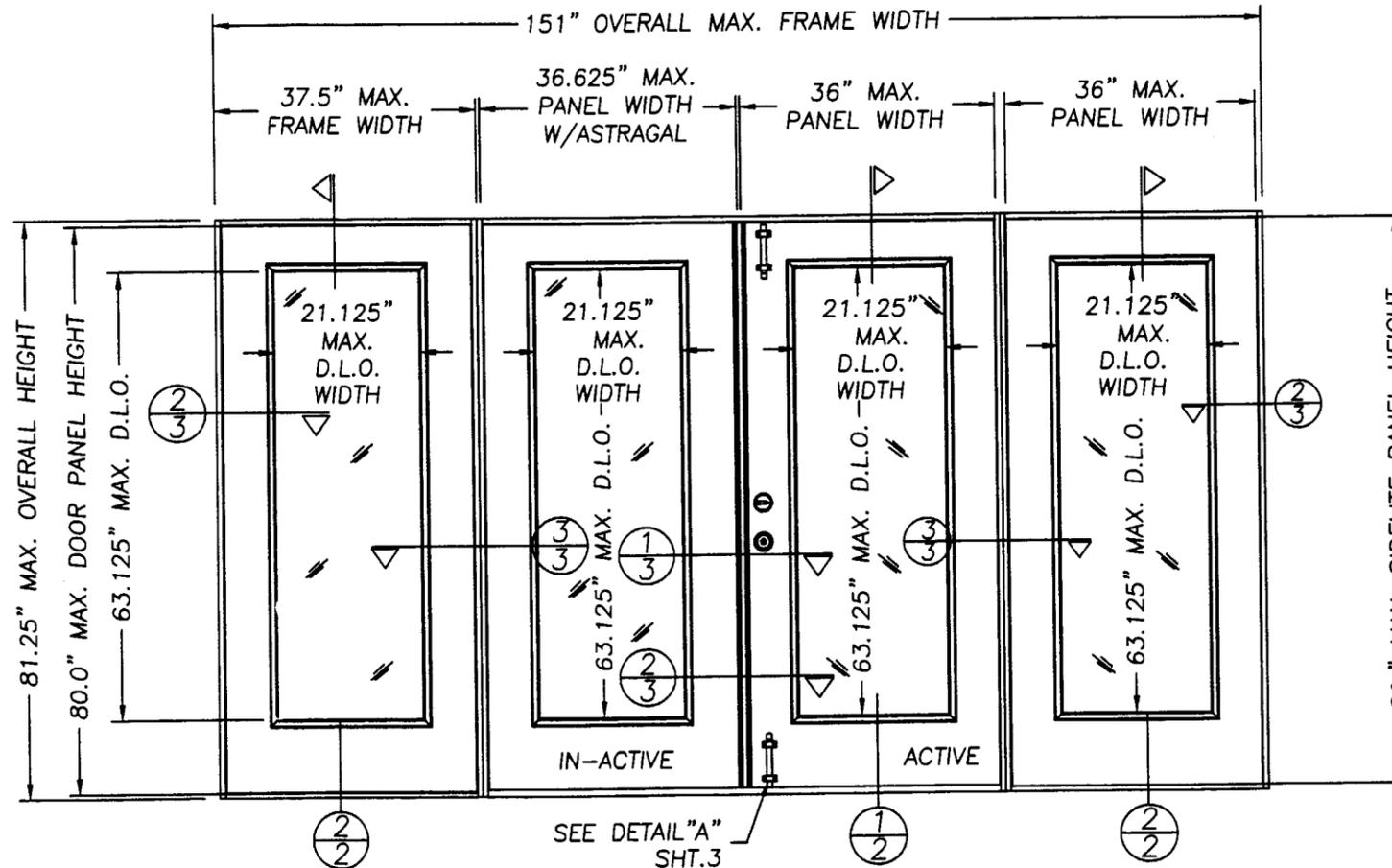
**Panel Construction:** The active and inactive panels are constructed from 24GA. (0.021" min.) galvanized steel. The face sheet top and bottoms are bent 90° over the top and bottom rails. The top rail consists of LVL measuring 1.67" x 1.042". The bottom rail is either wood measuring 1.67" x 1.21" or roll formed 0.021" galvanized steel measuring 1.67" x 1.21" with a piece of 3/4" P.F.B. in each corner. The sides of the face sheet are roll formed into the LVL latch stile and Ponderosa Pine hinge stile which measure 1.67" x 1.21". The interior cavity is filled with polystyrene. The face sheet is glued to the polystyrene.

**Sash Construction:** The sash is constructed from 24GA. (0.021" min.) galvanized steel. The edges of the face sheet are bent 90° over the polystyrene core and glued to it. The sashes are routed to receive the ODL (HP Polypropylene Thermofil-P6-30FM0391) lite frame. The units are glazed with .125" tempered glass. The lite frames are sealed with QSD glazing compound on the exterior.

**Frame Construction:** The frames are constructed from Ponderosa Pine jambs measuring 4.563" x 1.25". The head jambs are mortised and butt joined to the side jambs and attached with (3) 16GA. 2" x 7/16" crown wire staples. The units use an outswing bump face threshold, either low profile or high dam. The threshold is attached to the frame with (3) 16GA. 2" x 7/16" crown wire staples.

## TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	GENERAL NOTES AND TYPICAL ELEVATIONS
2	VERTICAL CROSS SECTIONS & BILL OF MATERIAL
3	HORIZONTAL CROSS SECTIONS & NOTES
4	ANCHORING LOCATIONS & DETAILS
5	UNIT COMPONENTS



TESTED OUTSWING ELEVATION  
VIEWED FROM INTERIOR

DESIGN PRESSURE RATING WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *(SEE NOTE BELOW)		
UNIT TYPE	WITHOUT SURFACE BOLTS	WITH SURFACE BOLTS ON ACTIVE PANEL
DOUBLE DOOR W/SIDELITES & WINDJAMBER II ASTRAGAL BY GENESIS	+50.0psf -50.0psf	+65.0psf -65.0psf
DOUBLE DOOR W/SIDELITES & HURRICANE ASTRAGAL BY IMPERIAL	NOT APPROVED	+65.0psf -65.0psf

\*NOTE: THE HIGH DAM THRESHOLD MUST BE USED TO MEET THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".

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PH. 541.783.2057

PRODUCT:  
WOOD EDGE GLAZED DOUBLE  
DOOR W/3-0 SIDELITES UP TO  
12' x 6.8' OUTSWING UNIT

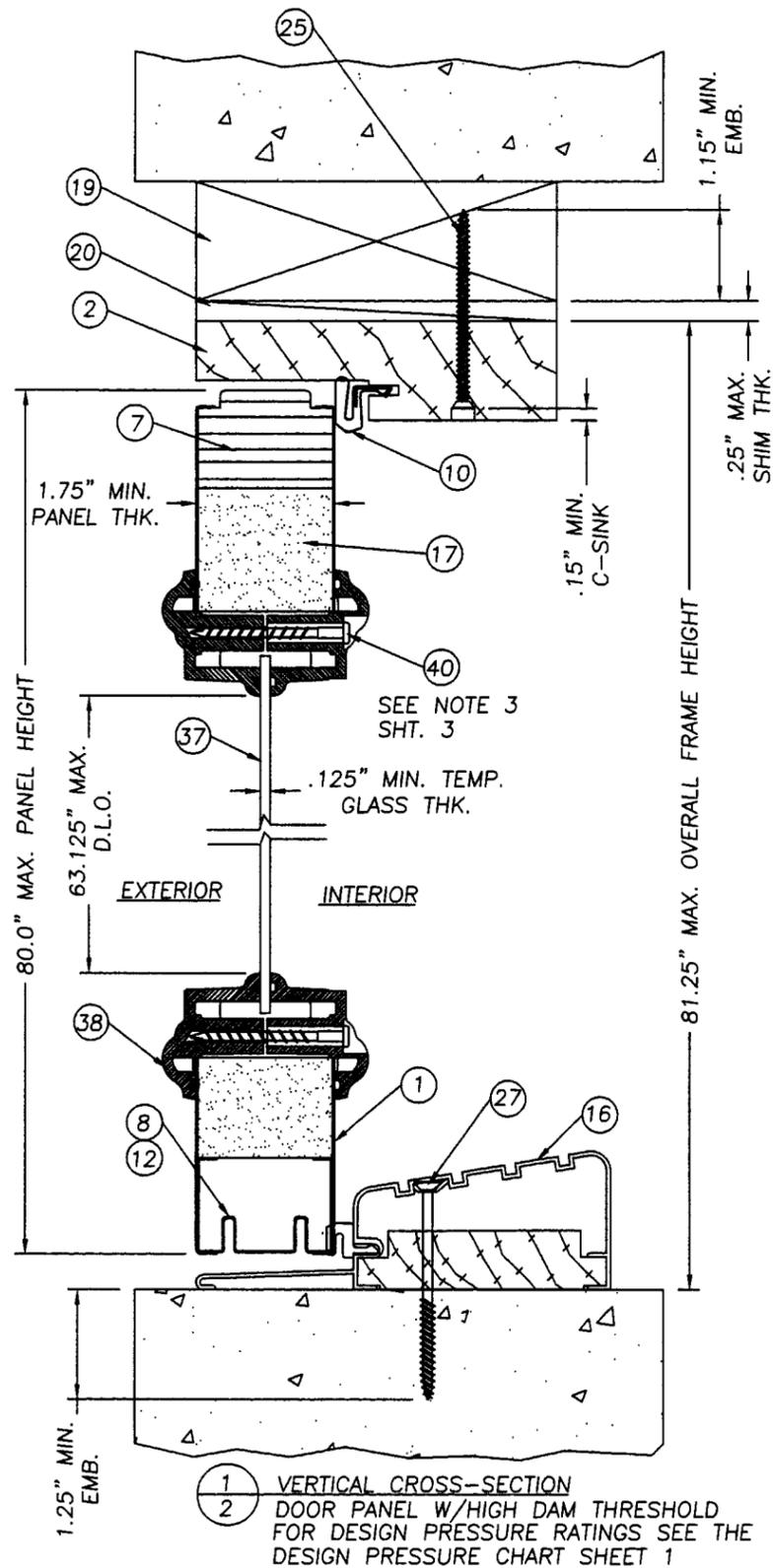
PART OR ASSEMBLY:  
TYPICAL ELEVATION &  
GENERAL NOTES

NO.	DATE	REVISIONS
2	06/07/02	GENERAL REVISION
1	03/07/02	GENERAL REVISION

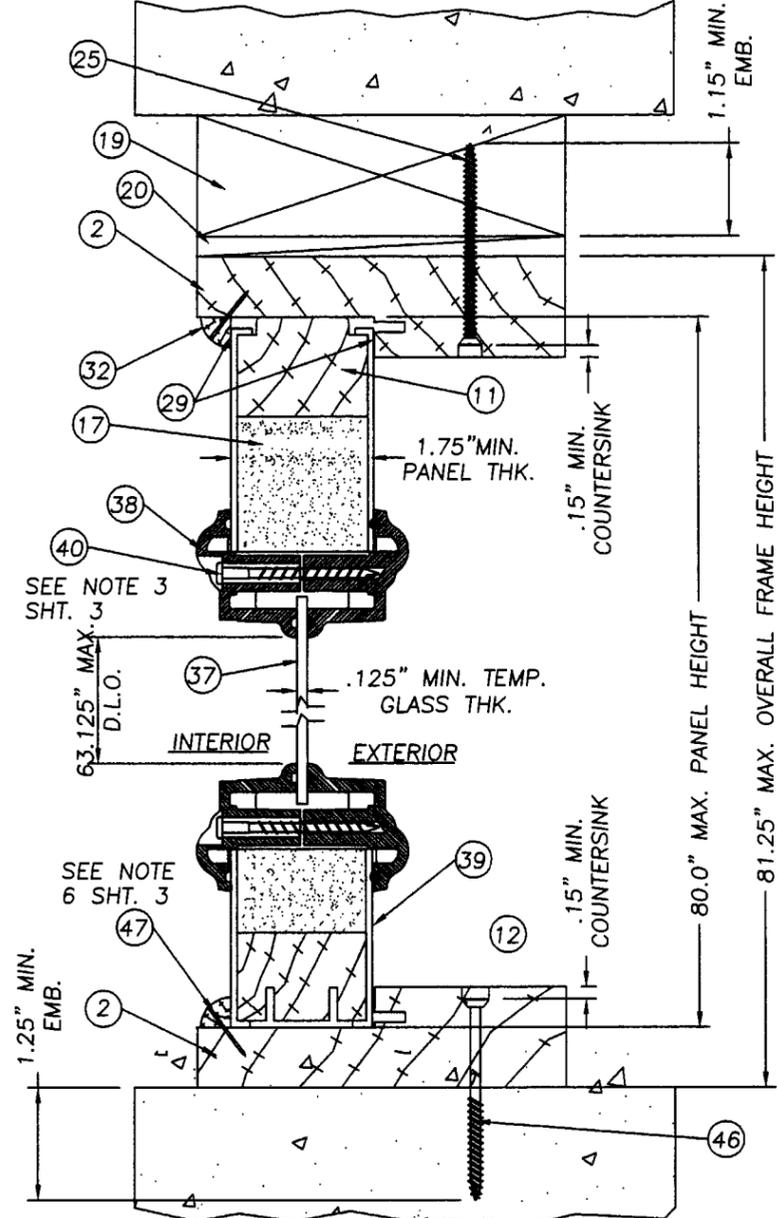
RW BUILDING  
CONSULTANTS, INC.  
813.684.3831

Approved as complying with the  
Florida Building Code  
Date Aug. 22, 2002  
NOA# 02.011.01  
Miami Dade Product Control  
Division  
By [Signature]

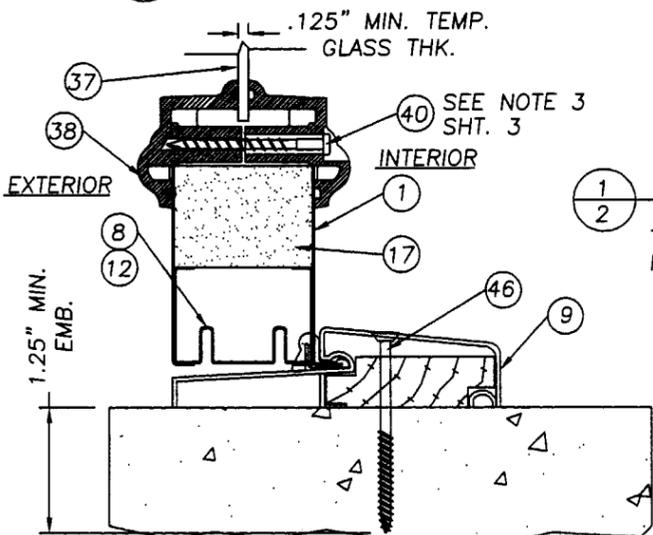
DATE: 12/10/01  
SCALE: NTS  
DWG. BY: WLN  
CHK. BY: RW  
DRAWING NO.:  
S-2130  
SHEET 1 OF 5



1 VERTICAL CROSS-SECTION DOOR PANEL W/HIGH DAM THRESHOLD FOR DESIGN PRESSURE RATINGS SEE THE DESIGN PRESSURE CHART SHEET 1  
2



2 VERTICAL CROSS-SECTION SIDELITE SASH



1 VERTICAL CROSS-SECTION DOOR PANEL W/LOW PROFILE THRESHOLD THE LOW PROFILE THRESHOLD "DOES NOT" MEET WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".  
2

ITEM	DESCRIPTION	MATERIAL
1	DOOR, WOOD EDGE 1.75" THK. 24GA. (.021" MIN.)	STEEL
2	HEAD JAMB (1 1/4" x 4 9/16" FINGER JOINTED PINE)	PINE
3	HINGE JAMB (1 1/4" x 4 6/16" FINGER JOINTED PINE)	PINE
4	SIDELITE BLANK JAMB (1 1/4" x 4 9/16" FINGER JOINTED PINE)	PINE
5	4" x 4" BUTT HINGE 12ga. (.097" HAGER)	STEEL
6	#9 x 1" PFH WOOD SCREW (HINGE TO DOOR)	STEEL
7	DOOR LATCH SIDE STILE & TOP RAIL LVL1.67" x 1"	LVL
8	DOOR PANEL BOTTOM RAIL (1.73" x 1.21" x .021" THK. MIN. 24GA.)	STEEL
9	OUTSWING BUMPER THRESHOLD (.050" EXTRUDED ALUM.)	ALUM.
10	COMPRESSION WEATHERSTRIP (SCHLEGEL Q-LON QDS 650)	FOAM
11	SIDELITE PANEL WOOD TOP RAIL 1.67" x 1"	WOOD
12	DOOR AND SIDELITE PANEL WOOD BOTTOM RAIL 1.67" x 1"	WOOD
13	DOOR HINGE & SIDELITE PANEL WOOD SIDE STILE 1.67" x 1"	WOOD
14	#10 x 2" PFH WOOD SCREW	STEEL
15	WOOD LOCK BLOCK (1.71" x 4.0" x 12.0")	WOOD
16	HIGH DAM BUMP THRESHOLD BY IMPERIAL .051" ALUM.	ALUM.
17	EXPANDED POLYSTYRENE (1.0 to 1.25 lb. DENSITY) BY JELD-WEN	FOAM
18	1/4" x 1 3/8" WOOD MULLION CAP	WOOD
19	2x WOOD SUB BUCK	WOOD
20	SHIM MATERIAL (.25" MAX. THK.)	-
21	KWIKSET 400 SERIES KNOB	-
22	KWIKSET TITAN 700 SERIES DEADBOLT	-
23	16GA. BRAD TRIM NAIL 1" L.	STEEL
24	#8 x 2" PHILL. FLATHEAD WOOD SCREW	STEEL
25	#8 x 2 1/2" PHILL. FLATHEAD WOOD SCREW	STEEL
26	ASTRAGAL EXTRUDED ALUM. (WR68J WINDJAMBER // BY GENESIS)	ALUM.
27	3/16" x 2 3/4" L. TAPCON ANCHOR (ELCO)	STEEL
28	IVES SURFACE BOLT #454 8.0" L. x .25" THK. STEEL	STEEL
29	SILICONE CAULK (CR LAWRENCE 33C)	SILICONE
30	GLAZING COMPOUND (QSD BY ODL)	SILICONE
31	#8 x 1" PPH WOOD SCREW (ASTRAGAL WR68J TO DOOR)	STEEL
32	3/8" x 3/8" 1/4" ROUND SIDELITE STOP	WOOD
33	1/4-20 SEX BOLT W/1/4-20 FEMALE END x 1 3/4" L	STEEL
34	SCHLAGE KNOB SET #F51 (NOT RATED ABOVE +50 psf)	-
35	SCHLAGE DEADBOLT #B360 (NOT RATED ABOVE +50 psf)	-
36	NOT USED	-
37	1/8" TEMPERED GLASS (BY PPG)	GLASS
38	LITE FRAME (ODL HP POLYPROP. THERMOFIL-P6-30FM0391)	POLYPROP.
39	STEEL SIDELITE PANEL 24GA. (.021" MIN. STEEL)	STEEL
40	#8 x 1 1/2" PLASCREW (LITE FRAME)	STEEL
41	EXTRUDED ALUMINUM ASTRAGAL BY IMPERIAL	ALUM.
42	YALE KNOB HERITAGE SERIES	-
43	YALE DEADBOLT HERITAGE SERIES	-
44	#10 x 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
45	#8 x 2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
46	3/16" x 2 1/2" L. TAPCON ANCHOR (ELCO)	STEEL
47	16GA. BRAD TRIM NAIL 3/4" L.	STEEL
48	3/4" PRESSURE TREATED REINFORCEMENT	WOOD

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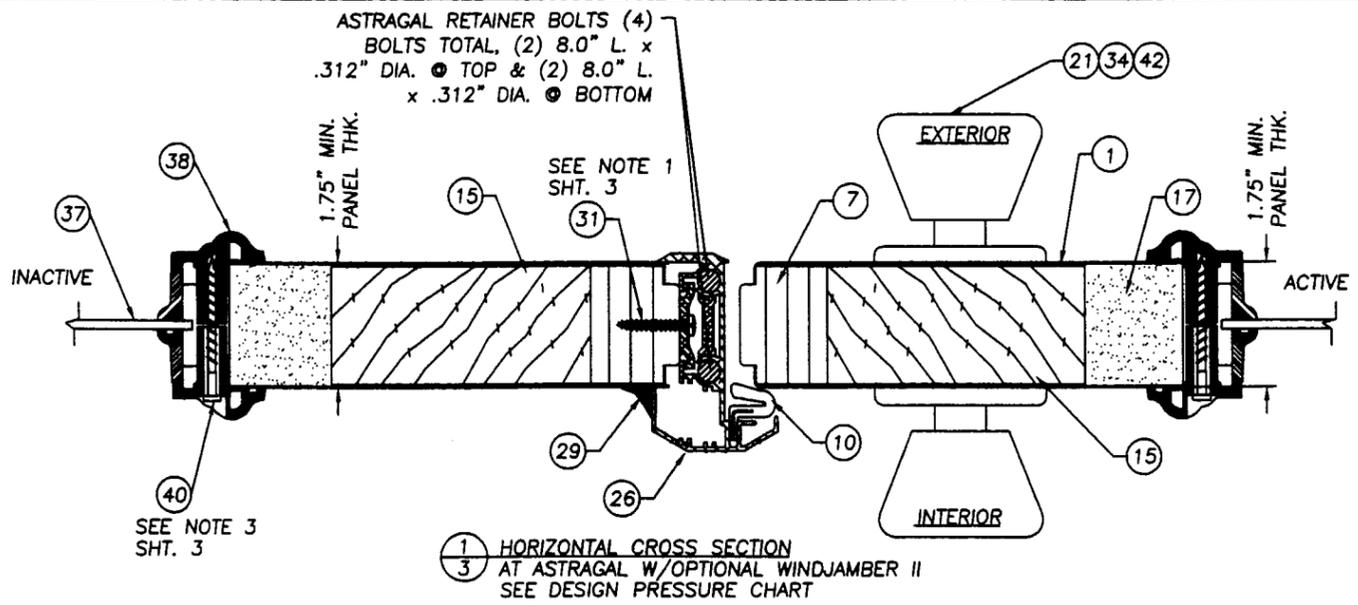
PRODUCT: WOOD EDGE GLAZED DOUBLE DOOR W/3-0 SIDELITES UP TO 12' x 6'8" OUTSWING UNIT  
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS & BILL OF MATERIAL

NO.	DATE	REVISIONS
2	06/07/02	GENERAL REVISION WLN
1	03/07/02	GENERAL REVISION TJH

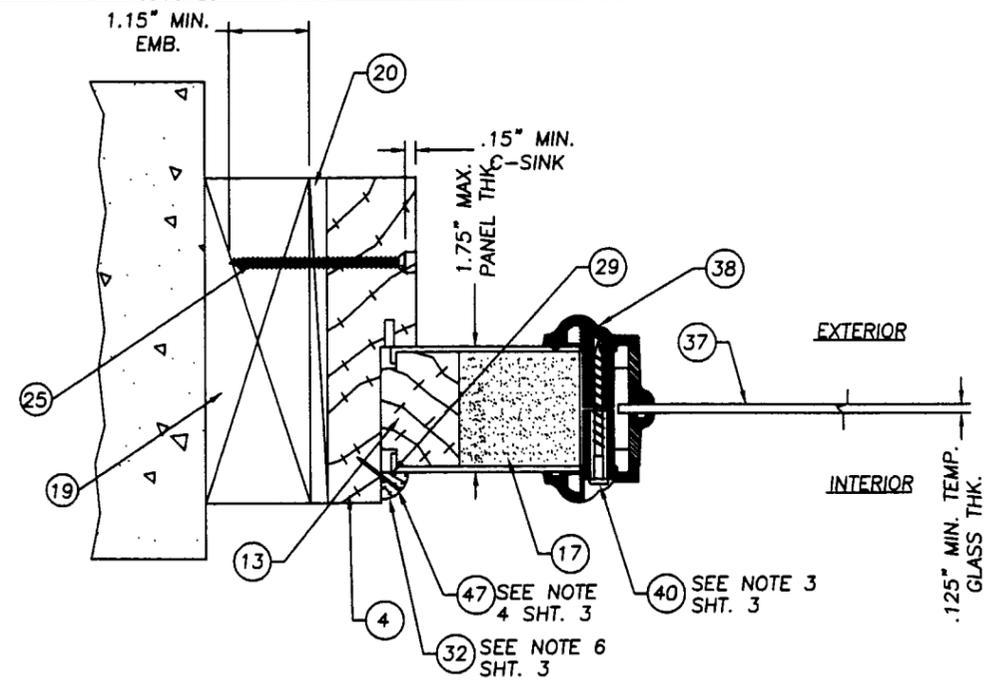
RW BUILDING CONSULTANTS, INC.  
813.684.3831

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Date AUG. 22, 2002  
NOA# 02-0111.01  
Miami Dade Product Control Division  
By Manuel Perez

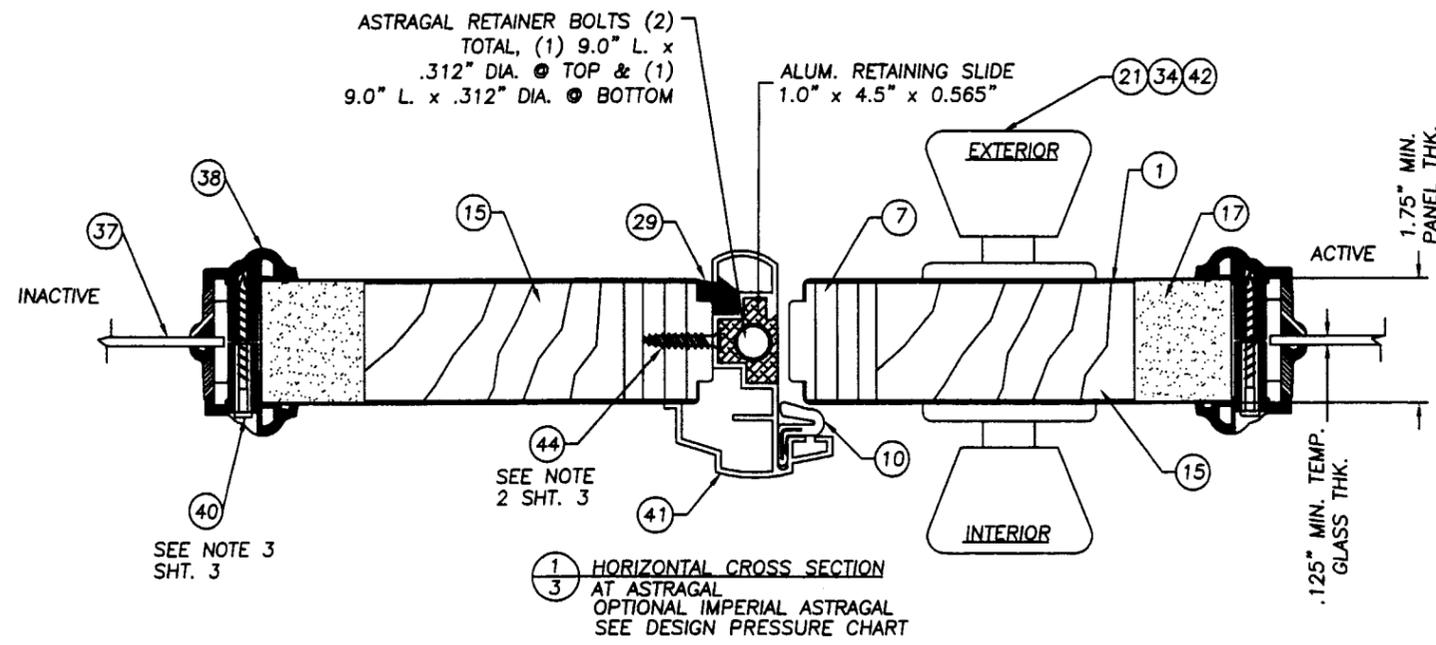
DATE: 12/10/01  
SCALE: NTS  
DWG. BY: WLN  
CHK. BY: RW  
DRAWING NO.: S-2130  
SHEET 2 OF 5



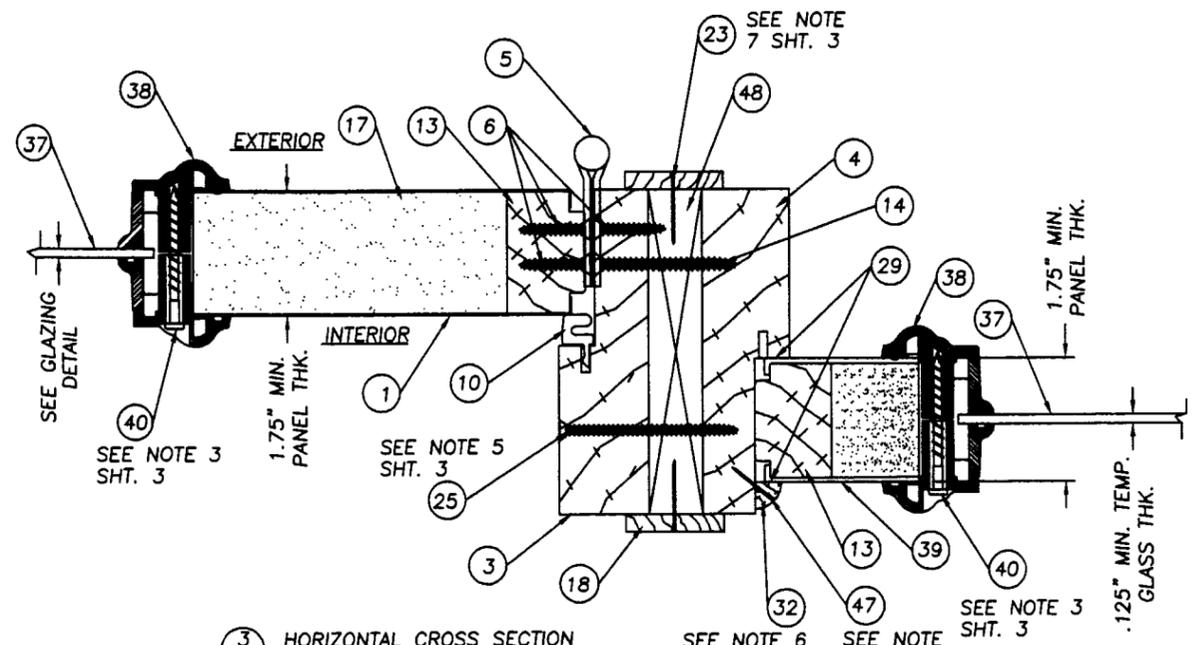
1 HORIZONTAL CROSS SECTION  
3 AT ASTRAGAL W/OPTIONAL WINDJAMBER II  
SEE DESIGN PRESSURE CHART



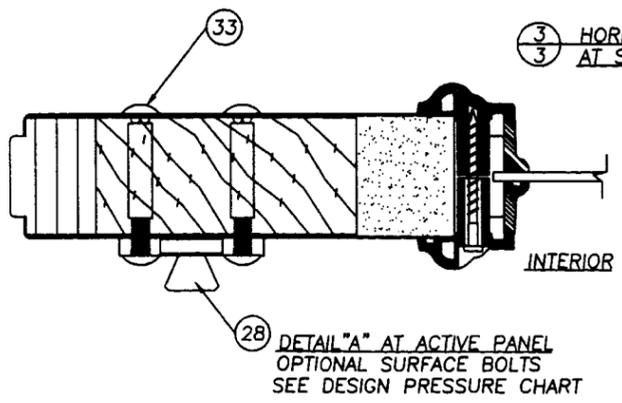
2 HORIZONTAL CROSS SECTION  
3 AT SIDELITE TO BUCK, TYP.



1 HORIZONTAL CROSS SECTION  
3 AT ASTRAGAL  
OPTIONAL IMPERIAL ASTRAGAL  
SEE DESIGN PRESSURE CHART



3 HORIZONTAL CROSS SECTION  
3 AT SIDELITE TO HINGE JAMB, TYP.



- NOTES:
1. SPACING FOR THE (9) #8 x 1" PFH SCREW ATTACHING THE WINDJAMBER ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: TOP DOWN; 1.0", 3.0", 5.0" & 19 FROM THE BOTTOM UP; 1.0", 3.0", 5.0", 19" & 38".
  2. SPACING FOR THE (14) #10 x 1" PFH SCREW ATTACHING THE IMPERIAL ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE TOP DOWN & BOTTOM UP; 1.0", 2.5", 4.0", 5.5", 13.0", 18.0" & 26.0".
  3. SPACING FOR #8 x 1 1/2" PLASCREW IS AS FOLLOWS; (3) TOP & BOTTOM; (1) SCREW 3.0" 3.0" IN FROM EACH HORIZONTAL CORNER WITH (1) MORE IN THE CENTER. (6) SCREWS FROM THE TOP OF THE FRAME DOWN ON THE SIDES; 3.0", 13.0", 26.0", 39.0", 52.0" & 63.0".
  4. SPACING FOR BRAD TRIM NAIL 3/4" L. ATTACHING THE QUARTER ROUND TO THE SIDELITE IS AS FOLLOWS; TOP & BOTTOM; 1.25" IN FROM EACH HORIZONTAL CORNER WITH (1) MORE NAIL IN THE MIDDLE. SIDES; 1.25" FROM EACH END & SIX MORE EQUALLY SPACED ON THE FIELD.
  5. SPACING FOR #8 x 2.5" PFH WOOD SCREW ATTACHING THE MULLIONS TOGETHER IS AS FOLLOWS; 6.0" FROM EACH VERTICAL CORNER WITH (4) MORE SCREWS EQUALLY SPACED, A TOTAL OF (6) SCREWS PER EACH VERTICAL MULLION.
  6. THE SIDELITE IS SECURED INTO THE SIDELITE JAMB WITH SILICONE CAULK ON THREE SIDES & 3/8" x 3/8" 1/4 ROUND & BRAD TRIM NAIL x 3/4" L.
  7. THE MULLION CAP IS ATTACHED TO THE PRESSURE TREATED REINFORCEMENT WITH ITEM #23 A 1" TRIM NAIL SPACED A MAX. OF 12" ON CENTER.

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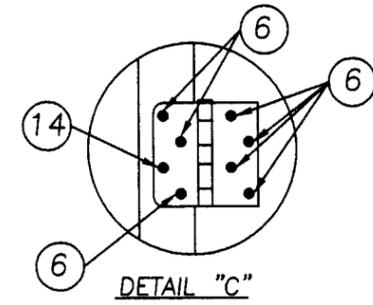
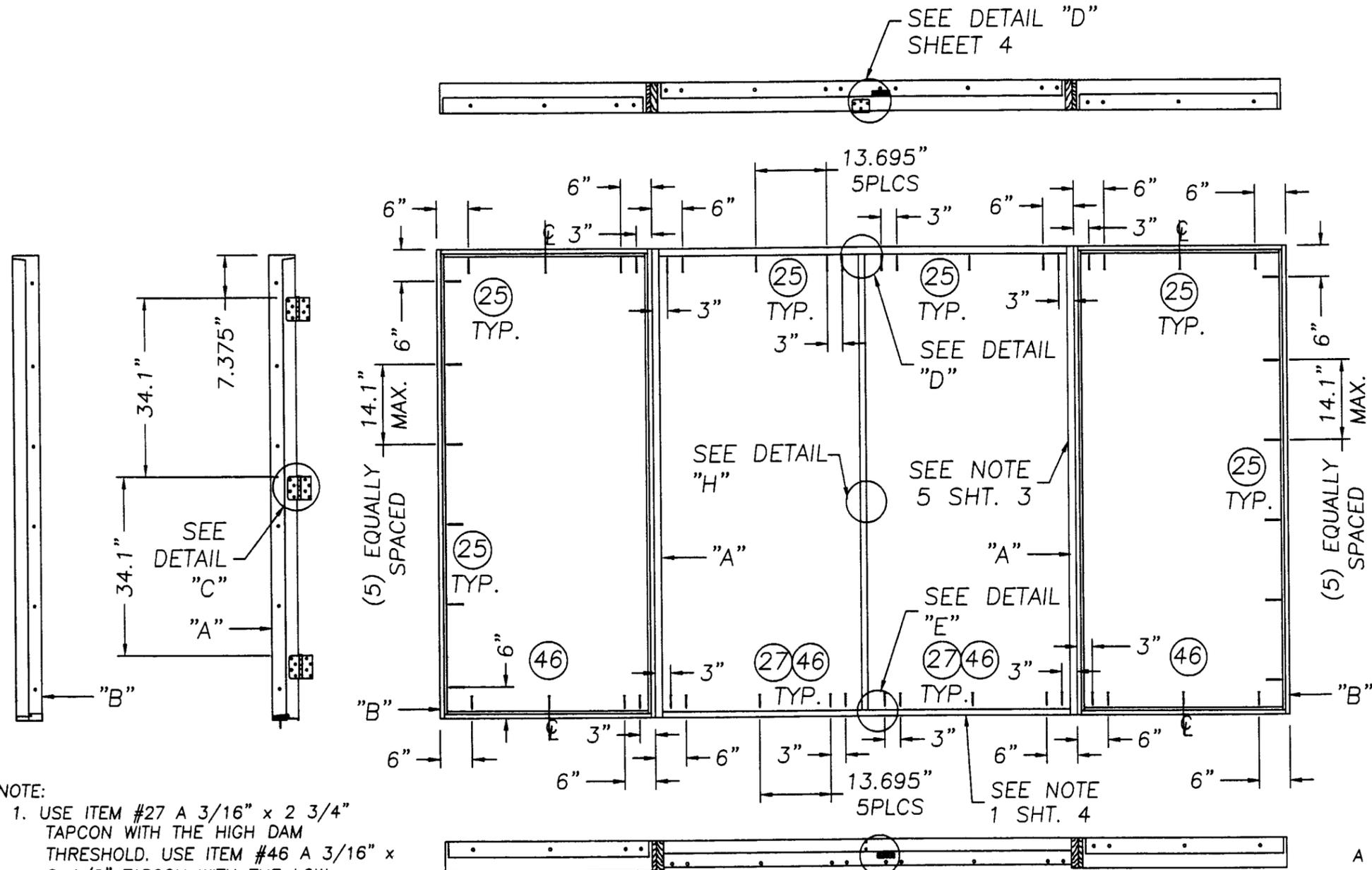
PRODUCT: WOOD EDGE GLAZED DOUBLE  
DOOR W/3-0 SIDELITES UP TO  
12' x 6.8' OUTSWING UNIT  
PART OR ASSEMBLY:  
HORIZONTAL CROSS  
SECTIONS

NO.	DATE	BY	REVISIONS
2	06/07/02	WLN	GENERAL REVISION
1	03/07/02	TJH	GENERAL REVISION

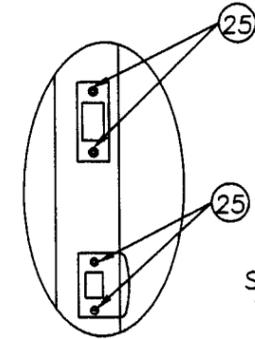
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DATE: 12/10/01  
SCALE: NTS  
DWG. BY: WLN  
CHK. BY: RW  
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SHEET 3 OF 5

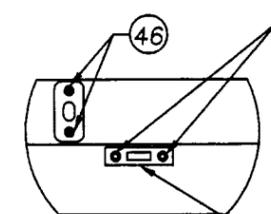
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DETAIL "C"



DETAIL H  
 STRIKE PLATES  
 TO ASTRAGAL



DETAIL E (IMPERIAL ASTRAGAL)  
 AT SILL

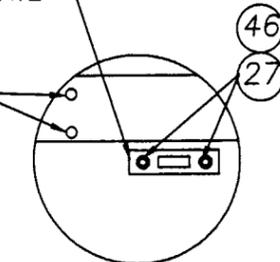
SEE NOTE  
 1 SHT. 4

SURFACE BOLT  
 STRIKE PLATE

SURFACE BOLT  
 STRIKE PLATE

SEE NOTE  
 1 SHT. 4

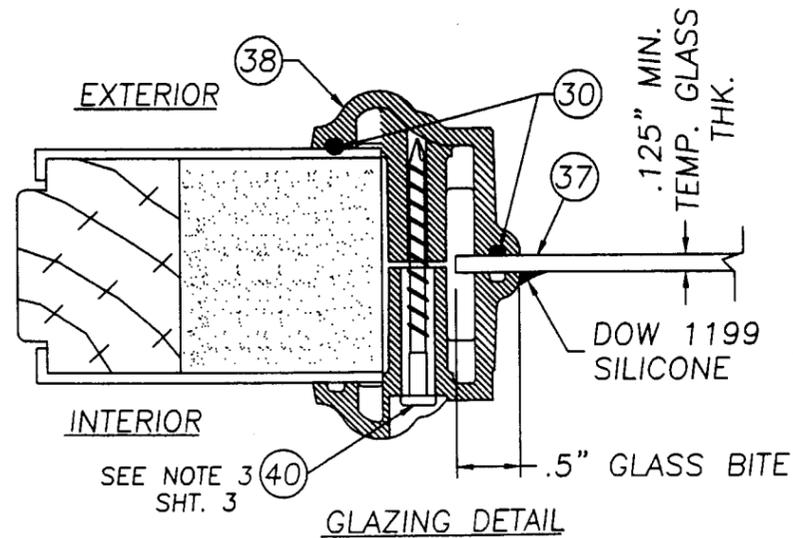
DRILL THRU FOR  
 A  $\phi$ .357" BOLT DEEP  
 ENOUGH FOR A 2"  
 BOLT THROW



DETAIL "E" AT SILL  
 WINDJAMBER II ASTRAGAL BY GENESIS

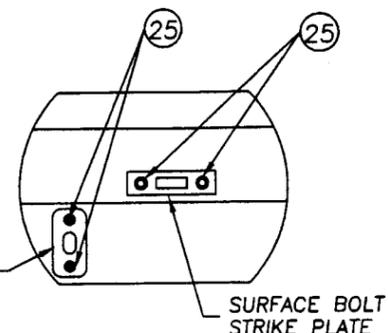
RETAINER BOLT HOLES  
 & OPTIONAL SURFACE  
 BOLT STRIKE PLATE

NOTE:  
 1. USE ITEM #27 A 3/16" x 2 3/4"  
 TAPCON WITH THE HIGH DAM  
 THRESHOLD. USE ITEM #46 A 3/16" x  
 2 1/2" TAPCON WITH THE LOW  
 PROFILE THRESHOLD.

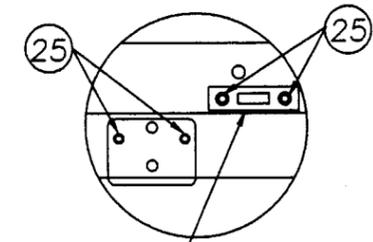


GLAZING DETAIL

SEE DETAIL  
 "E" SHT. 4



DETAIL D (IMPERIAL ASTRAGAL)  
 AT HEADER



SURFACE BOLT  
 STRIKE PLATE

DETAIL "D" AT HEADER  
 WINDJAMBER II ASTRAGAL BY GENESIS  
 ATTACH ASTRAGAL THROW BOLT  
 STRIKE PLATE TO FRAME  
 AS SHOWN.

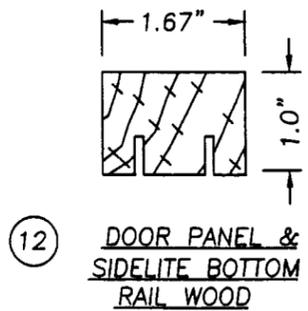
PRODUCT:  
 WOOD EDGE GLAZED DOUBLE  
 DOOR W/3-0 SIDELITES UP TO  
 12' x 6'8" OUTSWING

PART OR ASSEMBLY:		ANCHORING LOCATION & DETAILS	
NO	DATE	REVISIONS	BY
2	06/07/02	GENERAL REVISION	WLN
1	03/07/02	GENERAL REVISION	TJH

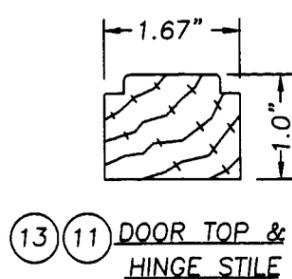
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 Miami Dade Product Control  
 Division  
 By Manuel Peres

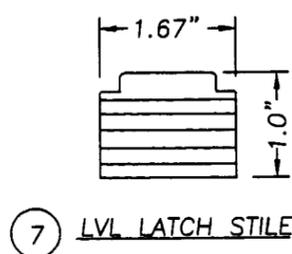
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 DRAWING NO.: S-2130  
 SHEET 4 OF 5



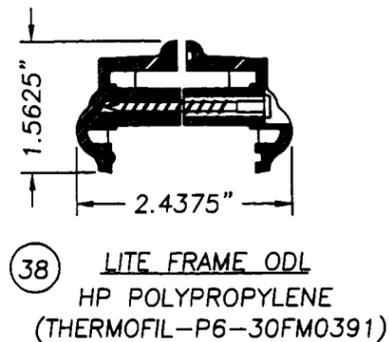
12 DOOR PANEL & SIDELITE BOTTOM RAIL WOOD



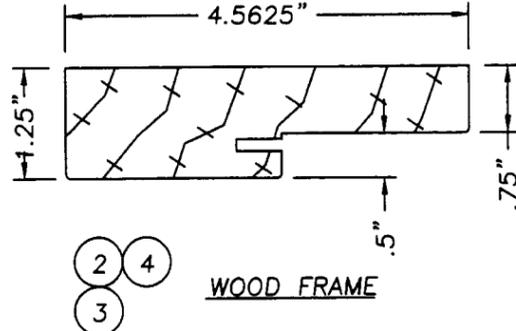
13 11 DOOR TOP & HINGE STILE



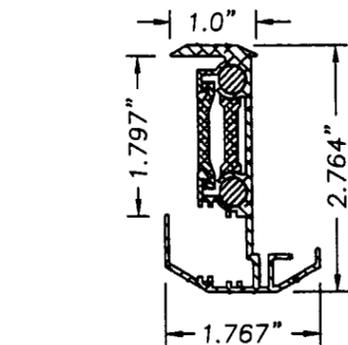
7 LVL LATCH STILE



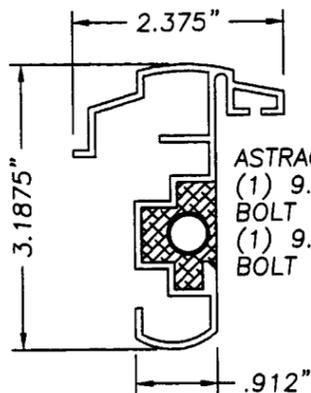
38 LITE FRAME ODL HP POLYPROPYLENE (THERMOFIL-P6-30FM0391)



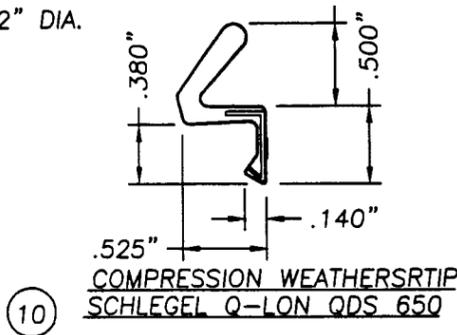
2 4 3 WOOD FRAME



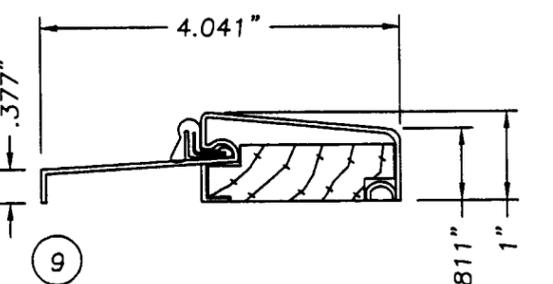
26 ASTRAGAL WINDJAMBER II (WR68J T-6060 EXTRUDED ALUMINUM)  
ASTRAGAL HAS (2) 8.0" L. x .312" DIA. BOLTS @ BOTTOM & (2) 8.0" L. x .312" DIA. BOLTS @ TOP



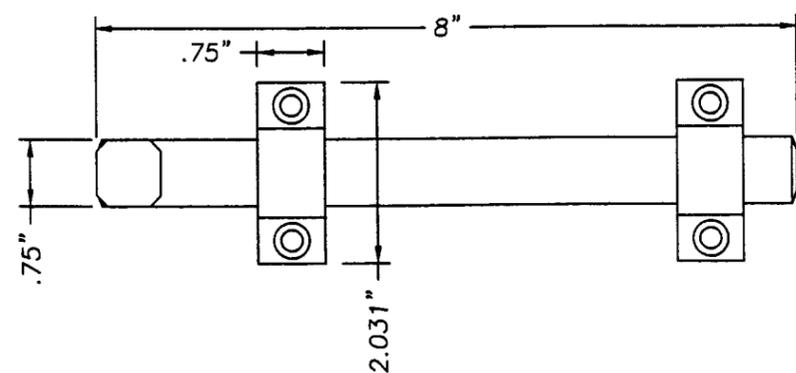
41 OPTIONAL IMPERIAL ASTRAGAL EXTRUDED ALUMINUM .075" WALL  
ASTRAGAL HAS (1) 9.0" L. x .312" DIA. BOLT @ TOP & (1) 9.0" L. x .312" DIA. BOLT @ BOTTOM



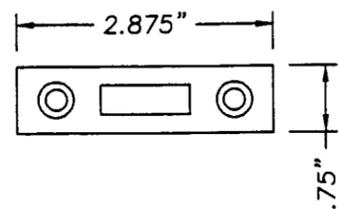
10 COMPRESSION WEATHERSRTIP SCHLEGEL Q-LON QDS 650



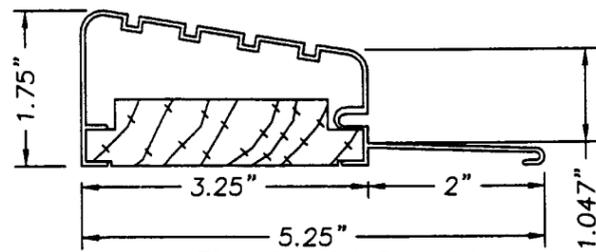
9 OPTIONAL OUTSWING BUMPFACE THRESHOLD LOW PROFILE BY WORLD WIDE .050" EXTRUDED ALUMINUM THIS THRESHOLD DOES NOT MEET THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES" SEE DESIGN PRESSURE CHART



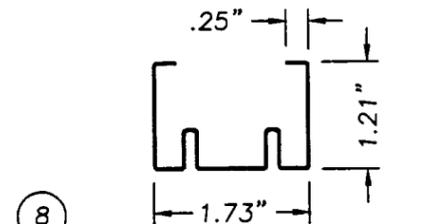
28 SURFACE BOLT (IVES .25" STEEL MODEL 454)



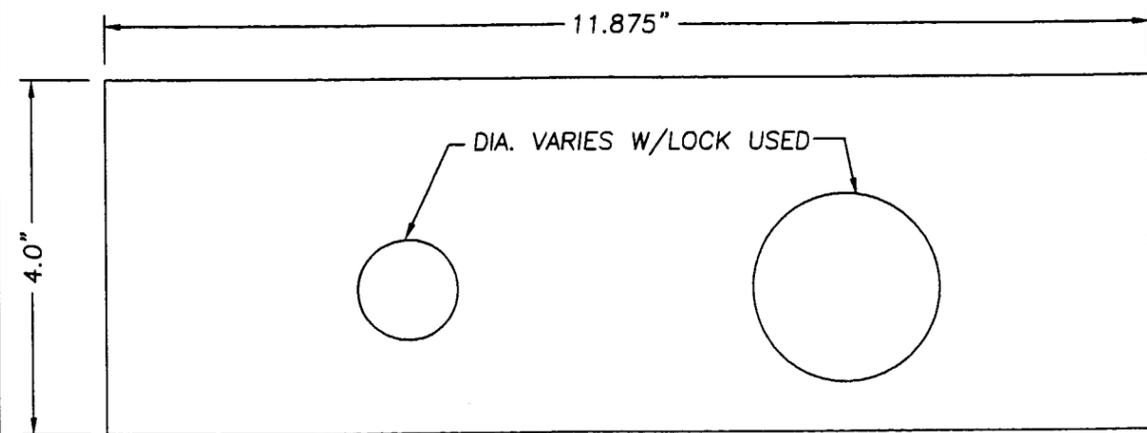
SURFACE BOLT STRIKE (IVES .125" STEEL)



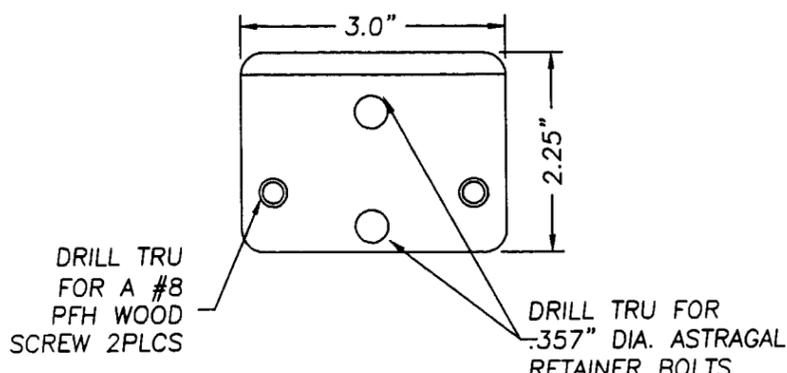
16 OUTSWING HIGH DAM BUMPFACE ALUMINUM THRESHOLD .051" WALL THK. BY IMPERIAL THIS THRESHOLD MEETS THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES" SEE DESIGN PRESSURE CHART



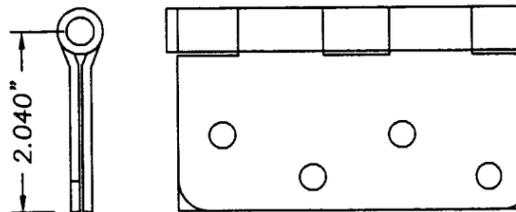
8 DOOR STEEL EDGE CAP BOTTOM .021" ROLL FORMED STEEL



15 WOOD LOCK BLOCK, 1.71" THK.



WINDJAMBER II WR68J STRIKE PLATE STEEL PLATE



5 4 x 4 STEEL DOOR HINGE .097" THK. STEEL BY HAGER

JELD-WEN, INC.  
31725 HIGHWAY 97 NORTH  
CHILOQUIN, OR. 97624  
PH. 541.783.2057

PRODUCT: WOOD EDGE GLAZED DOUBLE DOOR W/3-0 SIDELITES UP TO 12' x 6'8" OUTSWING UNIT  
PART OR ASSEMBLY: UNIT COMPONENTS

NO.	DATE	REVISIONS	BY
2	06/07/02	GENERAL REVISION	WLN
1	03/07/02	GENERAL REVISION	TJH

RW BUILDING CONSULTANTS, INC.  
813.684.3831

DATE: 12/11/01  
SCALE: NTS  
DWG. BY: WLN  
CHK. BY: RW  
DRAWING NO.: S-2130  
SHEET 5 OF 5

Approved as complying with the Florida Building Code  
Date: Aug. 22, 2002  
NOAH: 02-0111-01  
Miami Dade Product Control Division  
By: [Signature]