



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  
www.buildingcodeonline.com

**NOTICE OF ACCEPTANCE (NOA)**

Jeld - Wen  
3250 Lakepoint Blvd.  
Klamath Falls, OR 97601

**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 Florida Building Code including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "8-0 Outswing" Glazed Insulated Steel Doors - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. JW509-01-01 titled "Impact Glazed Steel Door Outswing 8'-0" Lip Lite" Sheets 1 through 6 of 6, prepared by Jeld-Wen, Inc., dated 09/06/05 with revision "B" on 04/08/06, signed and sealed by James J. Dobrowski, P. E., 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:** Large and Small Missile Impact

**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 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. GASCON  
5/5/06

NOA No 05-1215.03  
Expiration Date: May 25, 2011  
Approval Date: May 25, 2006  
Page 1

**Jeld-Wen, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturers die drawings and sections.
2. Drawing No. **JW509-01-01** titled "Impact Glazed Steel Door Outswing 8'-0" Lip Lite, Sheets 1 through 6 of 6, prepared by Jeld-Wen, Inc., dated 09/06/05 with revision "B" on 04/08/06, signed and sealed by James J. Dobrowski, P. E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test, FBC, TAS 201-94  
5) Cyclic Loading Test, per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with installation diagram of an Wood Edge, Impact Glazed Insulated Steel Door, 8-0 Outswing Single-Double, marked-up by National Certified Testing Laboratories, Test Reports No. **NCTL No. 210-3196-1**, dated 09/26/05, signed and sealed by Gerard John Ferrara, P.E.

**C. CALCULATIONS**

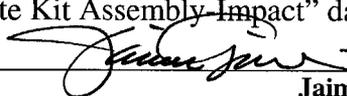
1. Anchor Calculations and structural analysis, prepared by Jeld-Wen, dated 11/04/05, signed and sealed by James J. Dobrowski, P.E.  
**Complies with ASTM E 1300-98**

**D. QUALITY ASSURANCE BY:**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **03-0827.08** issued to **Solutia Inc.** for "Clear or Colored Interlayer" dated 03/04/04, expiring on 03/04/09.
2. Test report No. **J99006660-001**, dated 04/08/99, for "Surface Burning Characteristics of Building Materials" per ASTM E84-97A for the Dylite Expandable Polystyrene, issued by Intertek Testing Service NA Inc.
3. Test report No. **J99006660-001**, dated 04/08/99, for "Test Method for Ignition Properties of Plastics, Procedure B, Short Method" per ASTM D1929-91 for the Dylite Expandable Polystyrene, issued by Intertek Testing Service NA Inc.
4. Test report No. **ATI-61782.01-106-31**, dated 01/14/06, for "Standard Test Methods for Tension Testing of Metallic Materials" per ASTM E8-01 for Steel Door Skin, issued by Architectural Testing, Inc.
5. Notice of Acceptance No. **03-0428.02** issued to ODL Inc. for "ODL/Western Reflection Series Aluminum Glazed Lite Kit Assembly-Impact" dated 07/28/05, expiring on 07/28/10.

  
\_\_\_\_\_  
**Jaime D. Gascon, P.E.**  
Chief, Product Control Division  
NOA No 05-1215.03  
Expiration Date: May 25, 2011  
Approval Date: May 25, 2006

**Jeld-Wen, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement Letter of conformance and letter of "No financial interest" issued Jeld-Wen, dated 11/02/05, signed and sealed by Steve Saffell.
2. Statement Letter of conformance and letter of "No financial interest" issued by David Evans and Associates, Inc., dated 11/04/05, signed and sealed by James Dobrowski, P.E.

**G. OTHER**

1. Letter from the consultant, dated 03/27/06 stating that the product is in compliance with the Florida Building Code (FBC)



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Jaime D. Gascon, P.E.  
Chief, Product Control Division  
NOA No 05-1215.03  
Expiration Date: May 25, 2011  
Approval Date: May 25, 2006

# JELD-WEN® Steel

WOOD EDGE IMPACT GLAZED INSULATED STEEL DOOR  
8-0 OUTSWING SINGLE OR DOUBLE DOOR UNIT  
UTILIZING COMPONENTS FROM ODL® INC. AND  
ENDURA PRODUCTS INC.

## GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE FLORIDA BUILDING CODE INCLUDING "HVHZ".
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 I, PAGE 1.
5. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONE (HVHZ)
6. PRODUCT DOES NOT REQUIRE SHUTTERS

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

### DOOR LEAF CONSTRUCTION:

**Face sheets:** 24 GA (0.021" min) thickness. Galvanized steel A-525 commercial quality AKDQ per ASTM 620 with average minimum yield strength  $F_y(ave)=30627$  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 24 GA (0.021" min) galvanized steel. The face sheets at top and bottom are bent 90° over the top and bottom rails. The top rail measures 1.0" high x 1.688" wide. The steel bottom rail measures 1.21" high x 1.688" wide. The sides of the face sheets are roll formed into the latch and hinge stiles which measure 1.00" high x 1.688" wide. The interior cavity is filled with expanded polystyrene. The face sheets are glued to the expanded polystyrene. The panels are cut out for the two-piece ODL Aluminum lite frame. Units are glazed with tempered and laminated impact 1" IG. On double door applications the inactive door is fitted with an extruded aluminum astragal of 6063-T5 alloy, manufactured by Endura.

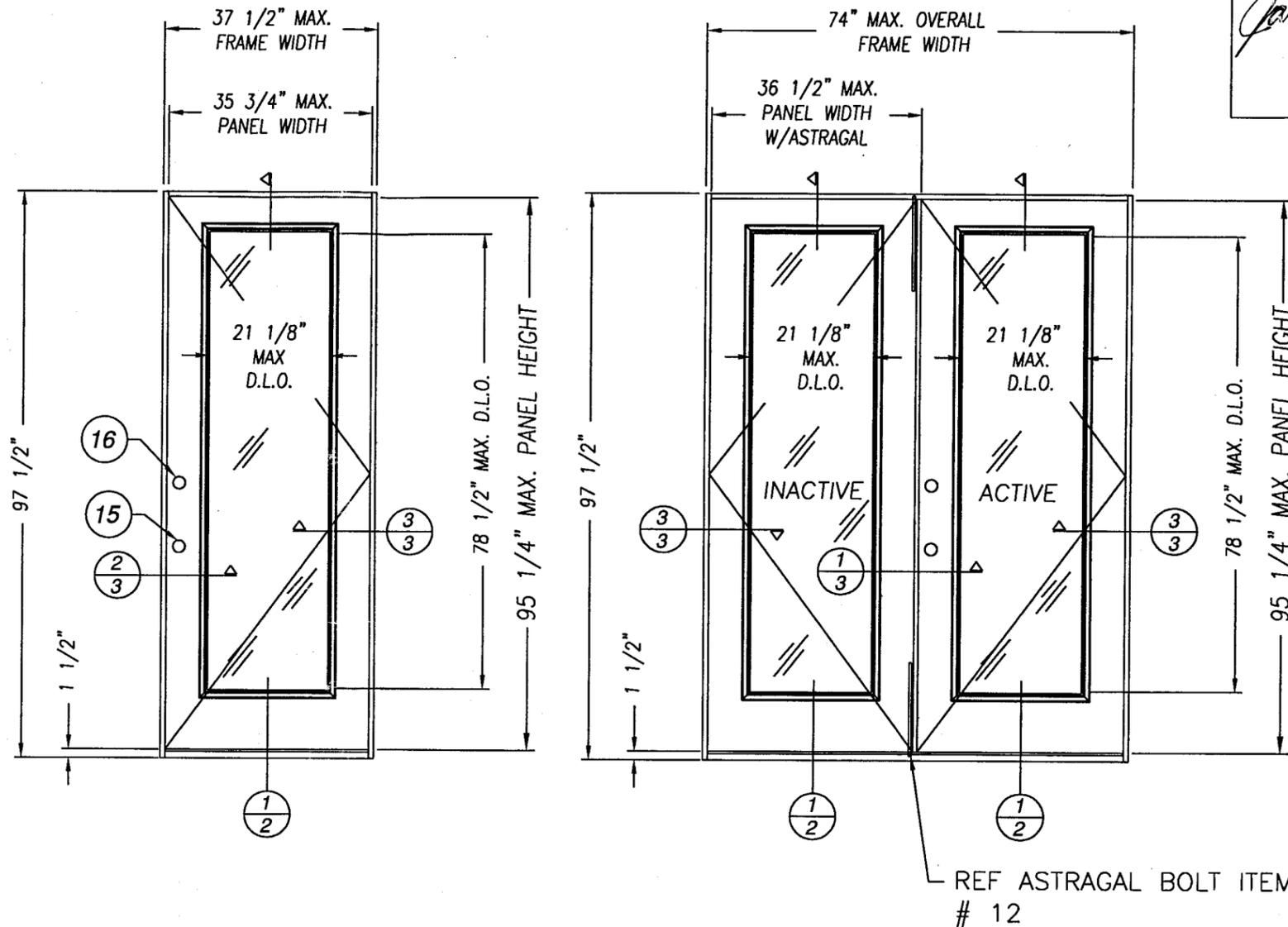
**Frame Construction:** The frames are constructed of fingerjointed pine jambs measuring 4-9/16" x 1-1/4". The head jambs are mortised and butt joined to the side jambs, and attached with three (3) 16GA 7/16" crown x 2" long staples on each side. The threshold is attached to the side jambs with three (3) 16GA 7/16" crown x 2" long staples on each side.

**Glazing:** ODL insulated lite is 1" overall thickness, consisting of one (1) pane of 0.125" tempered glass; 0.5" air space; two (2) panes of 0.125" annealed with .090" PVB interlayer by Solutia. All lites are sandwiched glazed into the panels.

## TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS
2	VERTICAL CROSS SECTION & BILL OF MATERIAL
3	HORIZONTAL CROSS SECTIONS
4	ANCHORING LOCATIONS
5	MISCELLANEOUS DETAILS
6	UNIT COMPONENTS

TABLE I		DESIGN PRESSURE RATING
		APPROVED FOR USE WHERE PROTECTION FOR WATER INFILTRATION IS REQUIRED
POSITIVE		+50.0 PSF
NEGATIVE		-50.0 PSF



SINGLE OUTSWING UNIT

DOUBLE OUTSWING UNIT

ALL DOOR MODELS ARE VIEWED FROM THE INTERIOR SIDE

James Dolan  
4-14-06

JELD-WEN, INC.  
31725 HIGHWAY 97 N.  
CHILOQUIN, OR. 97624  
PH. 1-800-535-3936

PRODUCT:	IMPACT GLAZED STEEL DOOR OUTSWING 8'-0" LIP LITE
PART OR ASSEMBLY:	TYPICAL ELEVATIONS
NO.	DATE
B	04-08-06
A	12-17-04
	GENERAL REVISIONS
	GENERAL REVISIONS
	DREW
	BY

Approved as complying with the  
Florida Building Code  
Date 05/25/06  
NOA# 05-1215-02  
Missal Date Product Control  
Division  
By *[Signature]*

DATE: 9-06-05

SCALE: NTS

DWG. BY: JPR

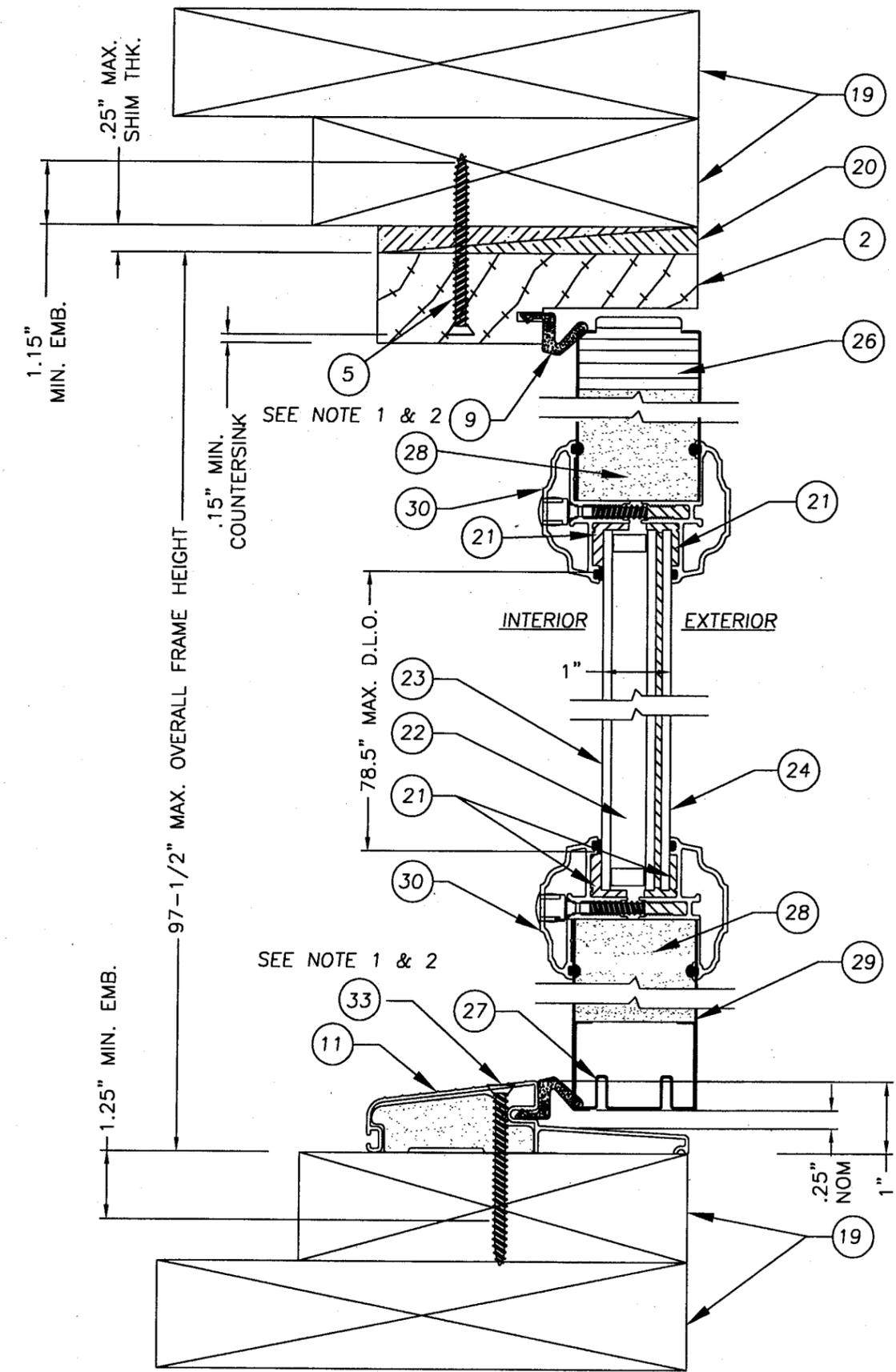
CHK. BY:

DRAWING NO.:

JW0509-01-01

SHEET 1 OF 6

*Jam DePue*  
4-14-06



1 VERTICAL CROSS-SECTION  
2 (ENDURA # FOB4566 SILL)

Item	DESCRIPTION	Material
1	SIDE JAMB (1 1/4"x 4 9/16" FINGERJOINTED PINE)	PINE
2	HEAD JAMB (1 1/4"x 4 9/16" FINGERJOINTED PINE)	PINE
3	4" x 4" BUTT HINGE 12GA. (.089" MIN)	STEEL
4	#9 x 5/8" PHILLIPS FLATHEAD WOOD SCREW	STEEL
5	#8 x 2 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
6	#10 X 1 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
7	#8 x 3" PHILLIPS FLATHEAD WOOD SCREW	STEEL
8	#8X1" PHILLIPS PAN HEAD WOOD SCREW	STEEL
9	COMPRESSION WEATHERSTRIP (Q-LON QDS-650)	
11	OUTSWING BUMP THRESHOLD (ENDURA)	ALUMINUM
12	ASTRAGAL THROW BOLT, STEEL ROD, 5/16 x 18"	STEEL
13	ASTRAGAL BOLT STRIKE PLATE LOCATED ON HEAD JAMB	STEEL
14	16 Ga. 7/16" CROWN x 2" LONG STAPLES	STEEL
15	KWIKSET TITAN SERIES LOCK SERIES 400	
16	KWIKSET TITAN SERIES DEADBOLT SERIES 780	
17	ENDURA ULTIMATE HURRICANE ASTRAGAL	ALUMINUM
18	ASTRAGAL BOLT STRIKE PLATE ON BOTTOM SILL	STEEL
19	2x WOOD BUCK	WOOD
20	SHIMS FOR 1/4" MAX THICKNESS	WOOD
21	DOW 995 SILICONE SEALANT	SILICONE
22	1" IMPACT IG ASSEMBLY NOA #03-0428-02	GLASS
23	1/8" TEMPERED GLASS	GLASS
24	3/8" LAMINATED ANNEALED GLASS	GLASS
25	LOCK BLOCK (LVL x 48" LG)	LVL
26	TOP RAIL (FINGERJOINTED PINE)	PINE
27	BOTTOM RAIL (25GA MIN GALVANIZED STEEL)	STEEL
28	EXPANDED POLYSTYRENE (1.0 TO 1.25lbs DENSITY BY JELD-WEN)	FOAM
29	STEEL DOOR PANEL SKIN MATERIAL (24GA GALVANIZED A-525 COMMERCIAL QUALITY 0.021" MIN. THICK.)	STEEL GALVANIZED
30	ODL LITE FRAME (ALUM 6063 T5)	ALUMINUM
31	HINGE SIDE STILE (FINGER JOINTED LVL)	PINE
32	LATCH SIDE STILE (FINGER JOINTED LVL)	LVL
33	#8 x 2" PHILLIPS FLATHEAD WOOD SCREW	STEEL

NOTES:  
1. FOR ANCHOR SPACING SEE SHEET 4 OF 6  
2. 2x BUCK TO SUBSTRATE FASTENING MAY UTILIZE OPTIONAL ELCO TAPCON (NOA #02-0503.07)

JELD-WEN, INC.  
31725 HIGHWAY 97 N.  
CHILOQUIN, OR. 97624  
PH. 1-800-535-3936

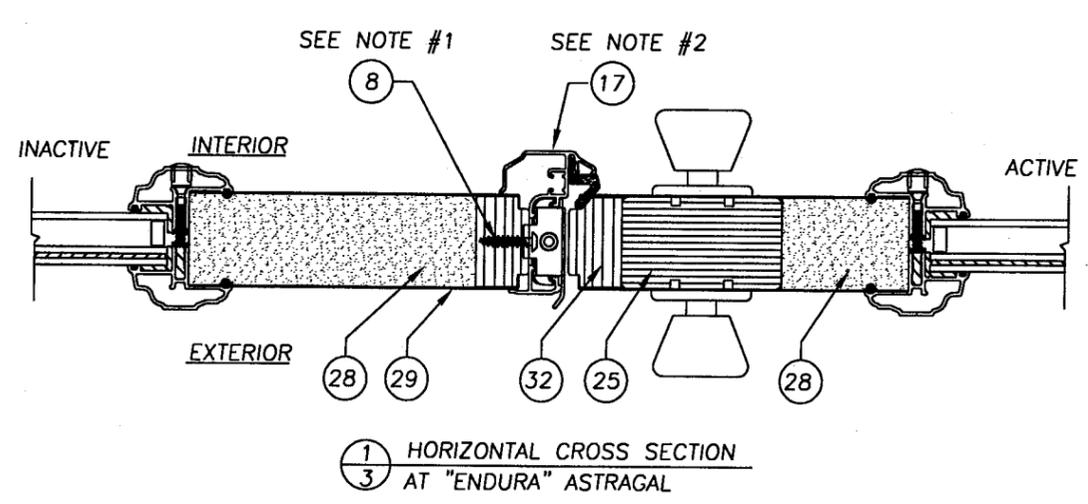
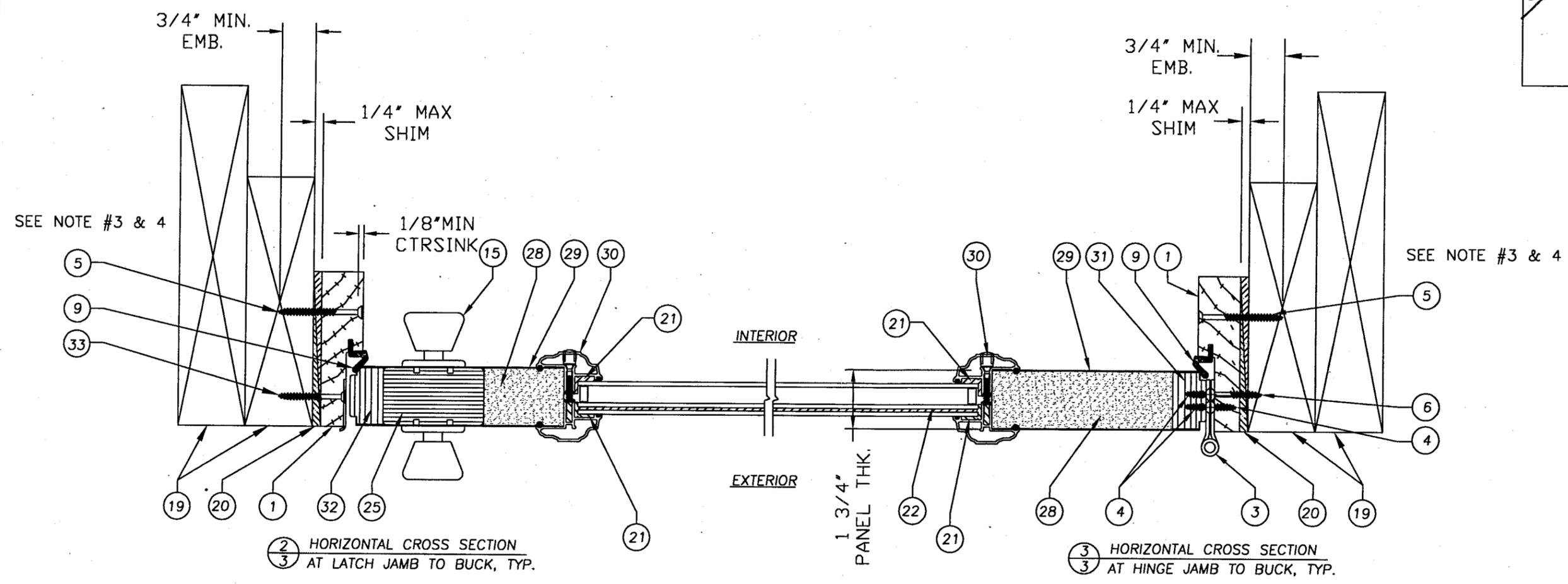
PRODUCT: IMPACT GLAZED STEEL DOOR  
OUTSWING 8'-0" LIP LITE  
PART OR ASSEMBLY: VERTICAL CROSS SECTION  
BILL OF MATERIALS

NO.	DATE	REVISIONS	BY
B	04-08-06	GENERAL REVISIONS	DREW.
A	12-16-04	GENERAL REVISIONS	

Approved as complying with the  
Florida Building Code  
Date 05/25/06  
NOA# 05-1215.03  
Miami Dade Product Control  
Division  
By *Jam DePue*

DATE: 9-06-05  
SCALE: NTS  
DWG. BY: JPR  
CHK. BY:  
DRAWING NO.: JW0509-01-02  
SHEET 2 OF 6

*James Dolowick*  
4-14-06



- NOTES:
1. ASTAGAL FASTENER SPACING DETAIL F, PAGE #5. (TOTAL OF 16 SCREWS).
  2. LATCH AND DEADBOLT STRIKE PLATES MOUNT TO ASTRAGAL WITH ADJUSTABLE NUT PLATES. BOTH PLATES REQUIRE #8 X 3" PHILLIPS FLAT HEAD WOOD SCREWS
  3. FOR ANCHOR SPACING SEE SHEET 4 OF 6
  4. 2x BUCK TO SUBSTRATE FASTENING MAY UTILIZE OPTIONAL 3/16" ELCO TAPCON (NOA #02-0503.07)

JELD-WEN, INC.  
31725 HIGHWAY 97 N.  
CHILOQUIN, OR. 97624  
PH. 1-800-535-3936

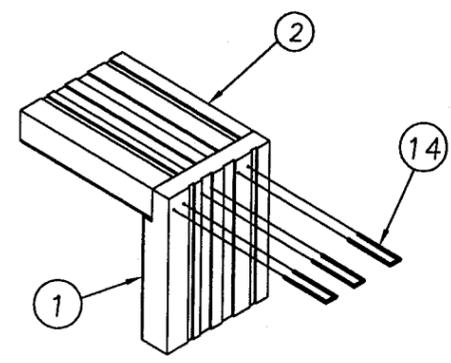
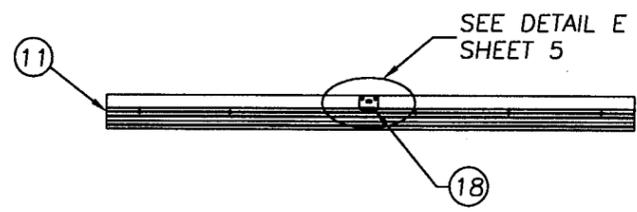
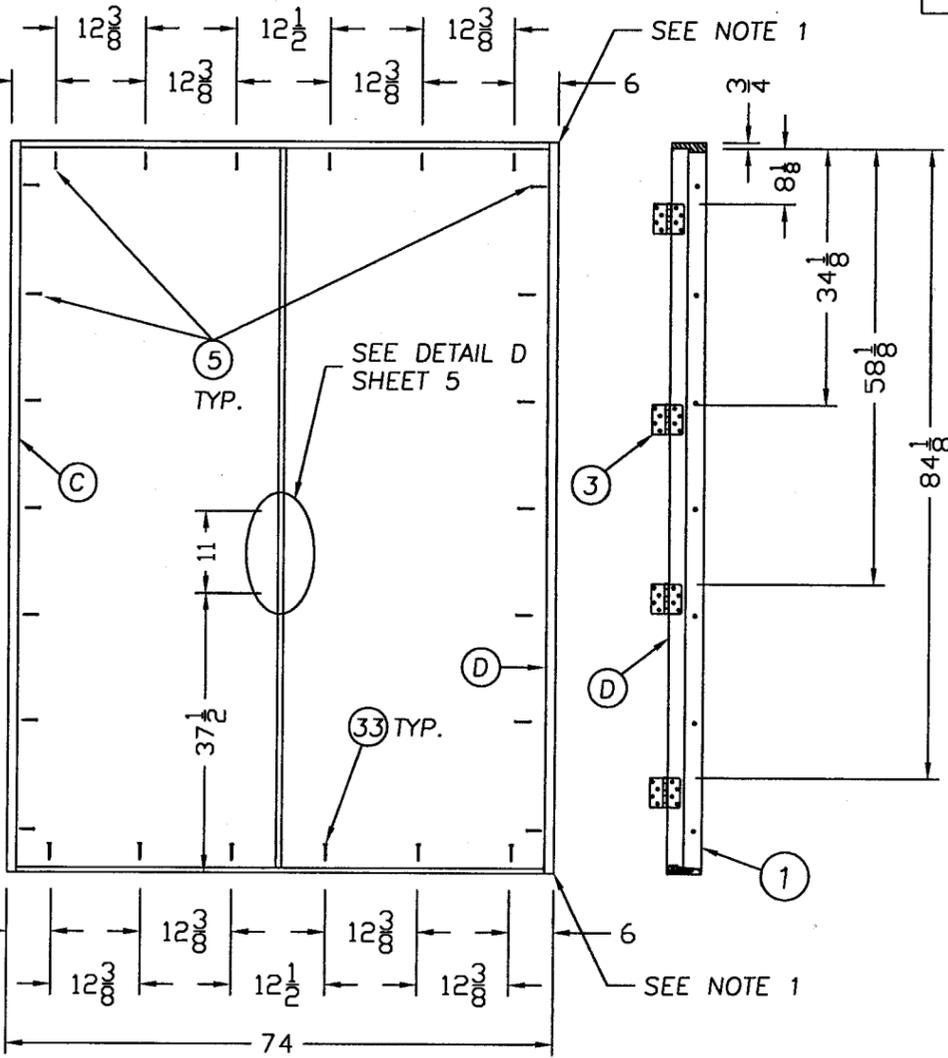
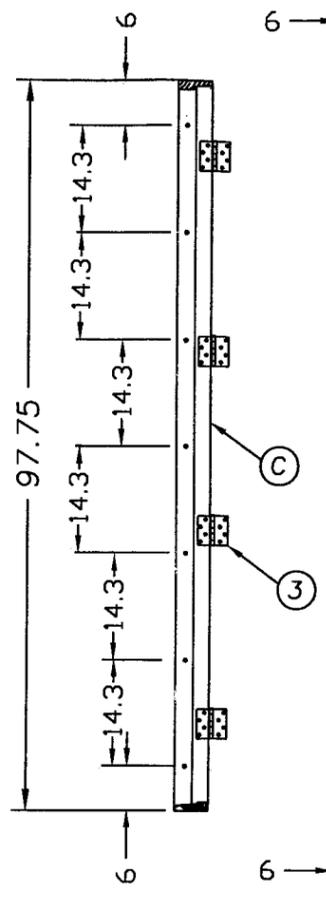
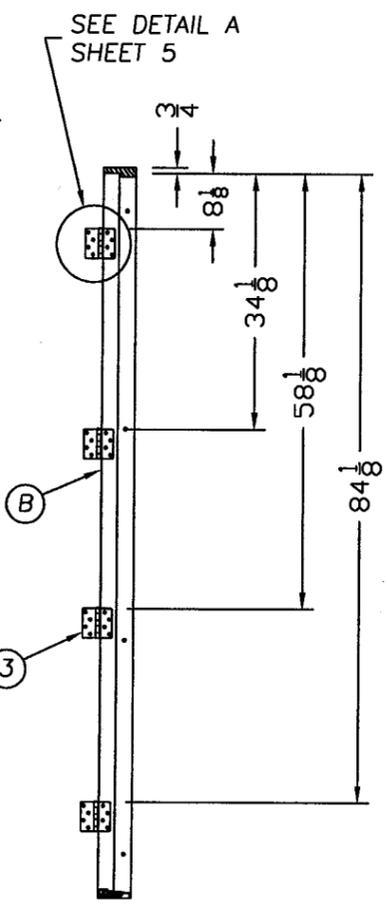
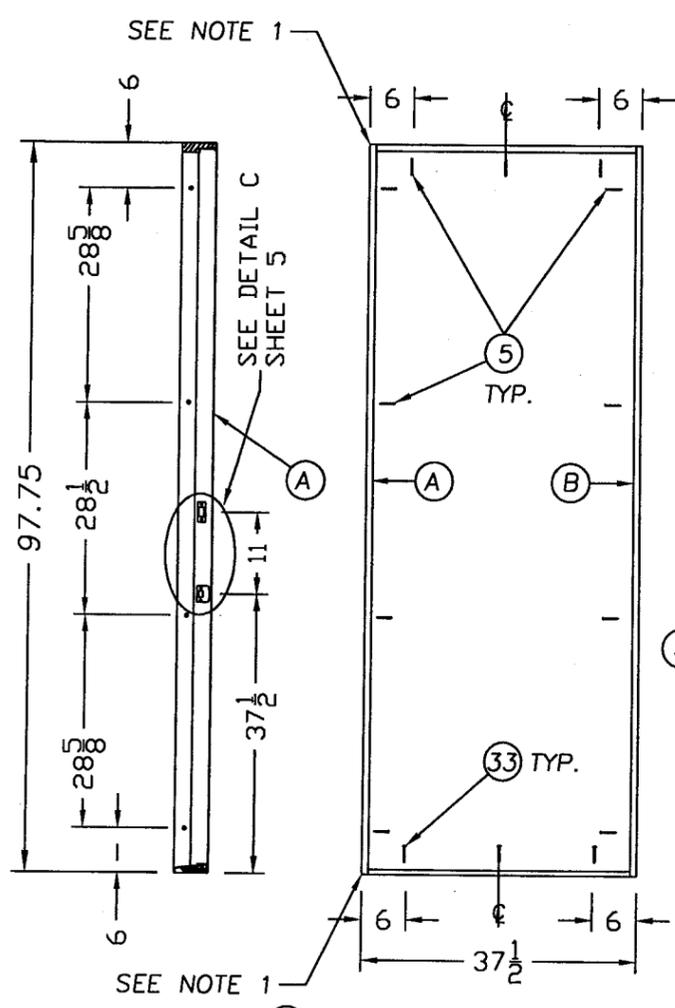
PRODUCT:  
IMPACT GLAZED STEEL DOOR  
OUTSWING 8'-0" LIP LITE  
PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS

NO.	DATE	GENERAL REVISIONS	DREW. BY
B	04-08-06		

Approved as complying with the  
Florida Building Code  
Date: 05-25-06  
NOA# 05-1215-03  
Miami Dade Product Control  
Division  
By: *[Signature]*

DATE: 9-06-05  
SCALE: NTS  
DWG. BY: JPR  
CHK. BY:  
DRAWING NO.: JW0509-01-03  
SHEET 3 OF 6

*Janno Debowick*  
2-14-06



TYPICAL JOINING OF SIDE JAMB TO HEAD JAMB OR SILL

SINGLE DOOR ANCHORING LOCATIONS

DOUBLE DOOR ANCHORING LOCATIONS

NOTES:

- HEAD JAMBS & SILLS ARE JOINED TO THE SIDE JAMBS USING (3) 16 Ga. 7/16" CROWN x 2" LONG STAPLES.

JELD-WEN, INC.  
31725 HIGHWAY 97 N.  
CHILOQUIN, OR. 97624  
PH. 1-800-535-3936

PRODUCT:  
IMPACT GLAZED STEEL DOOR  
OUTSWING 8'-0" LIP LITE

PART OR ASSEMBLY:  
ANCHORING LOCATIONS

NO.	DATE	REVISIONS	BY
B	04-08-06	GENERAL REVISIONS	DREW
A	12-16-04	GENERAL REVISIONS	

Approved as complying with the Florida Building Code  
Date 05/25/06  
NOA# 05-1215.03  
Miami Dade Product Control  
Division  
By *[Signature]*

DATE: 9-06-05  
SCALE: NTS  
DWG. BY: JPR  
CHK. BY:  
DRAWING NO.: JW0509-01-04  
SHEET 4 OF 6



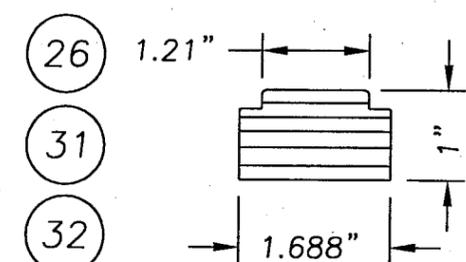
*James Dokowich*  
4-14-06

**JELD-WEN, INC.**  
31725 HIGHWAY 97 N.  
CHILOQUIN, OR. 97624  
PH. 1-800-535-3936

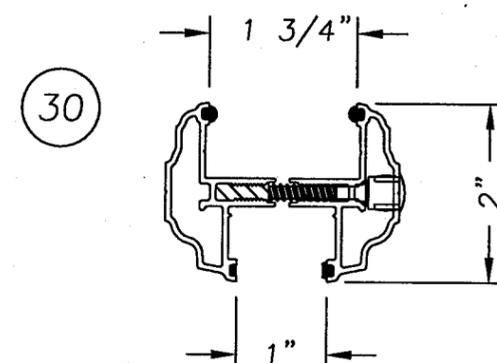
**PRODUCT:**  
IMPACT GLAZED STEEL DOOR  
OUTSWING 8'-0" LIP LITE  
**PART OR ASSEMBLY:**  
UNIT COMPONENTS

NO.	DATE	REVISIONS	BY
B	04-08-06	GENERAL REVISIONS	DREW
A	12-16-04	GENERAL REVISIONS	

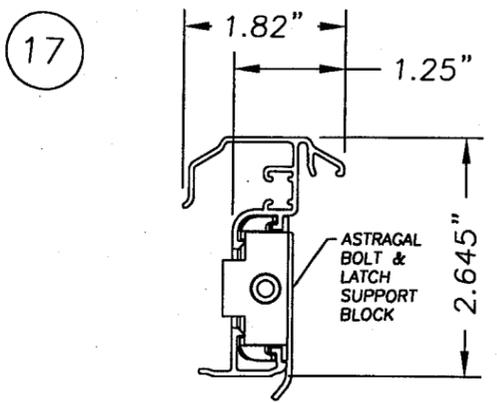
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CHK. BY:  
DRAWING NO.: JW0509-01-06  
SHEET 6 OF 6



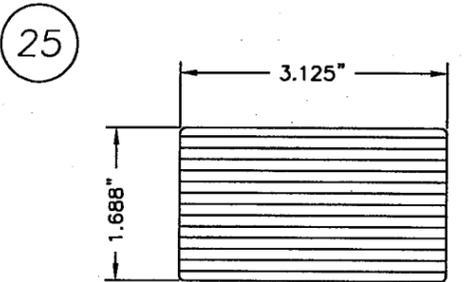
26 STILES AND RAILS  
LATCH STILE & HINGE STILE (LVL)  
TOP RAIL (FINGERJOINTED PINE)



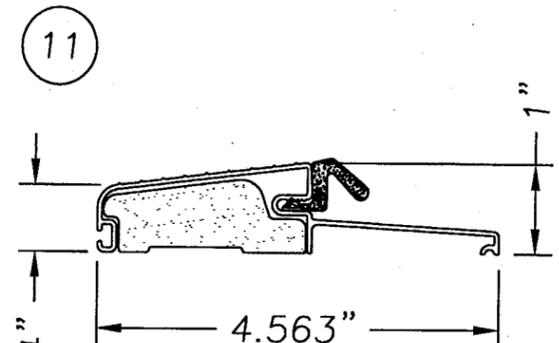
30 ODL LITE FRAME  
ALUMINUM 6063 T5



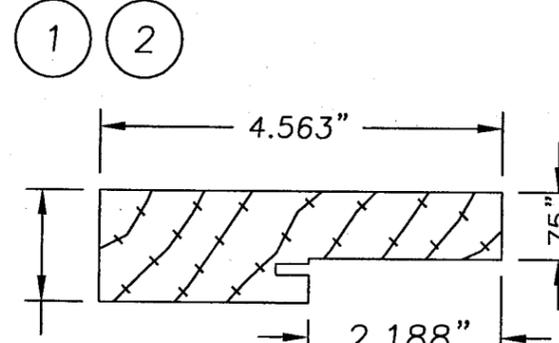
17 ENDURA ULTIMATE HURRICANE ASTRAGAL  
6063-T6 ALUMINUM



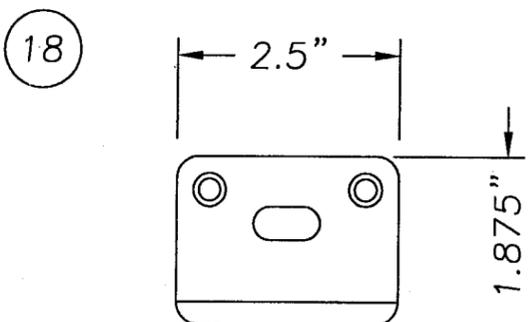
25 LOCK BLOCK (48" LG)  
LVL



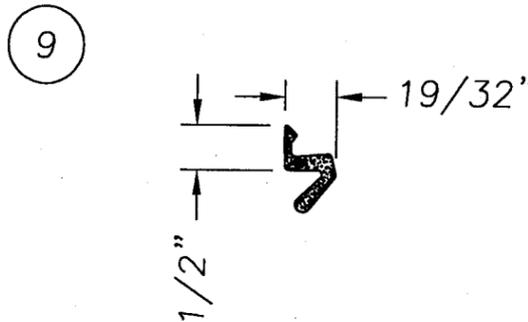
11 OUTSWING THRESHOLD (ENDURA)  
PART# FOB4566A, 6063-T6 ALUMINUM



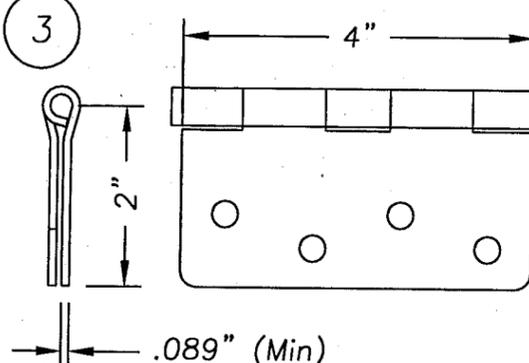
1 WOOD JAMB  
FINGERJOINTED PINE



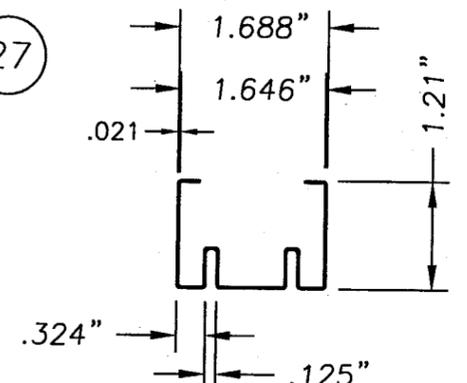
18 ASTRAGAL SILL STRIKE PLATE



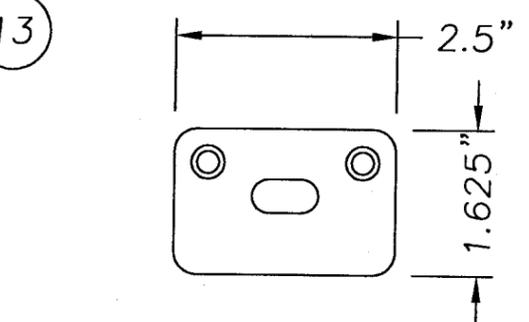
9 COMPRESSION WEATHERSTRIP



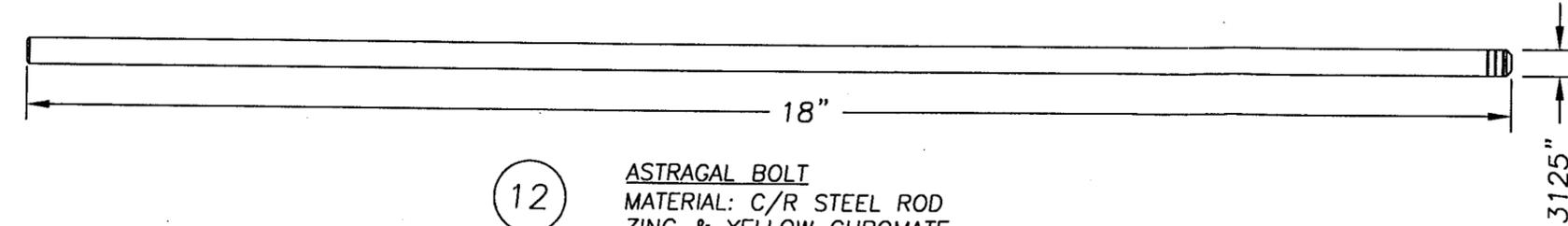
3 BUTT HINGE  
4 x 4 x 12GA STEEL



27 BOTTOM RAIL  
STEEL, 25GA MIN GALVANIZED



13 ASTRAGAL BOLT HEAD STRIKE



12 ASTRAGAL BOLT  
MATERIAL: C/R STEEL ROD  
ZINC & YELLOW CHROMATE

Approved as complying with the  
Florida Building Code  
Date 05/25/06  
NOA# 05-1215.03  
Miami Dade Product Control  
Division  
By *James J. [Signature]*