



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Jeld – Wen, Inc. (OR)
3250 Lakeport 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" W/E Inswing Glazed Steel French Door - L.M.I.

APPROVAL DOCUMENT: Drawing No. **JW0509-02**, titled "Wood Edge Impact Glazed Steel Door 8'-0" Inswing Single or Double", sheets 1 through 6, of 6 prepared by O. M. Engineering Services, Inc., dated 12/17/04 with revision "C" dated 02/05/08, signed, sealed and dated 06/07/08 by Nimesh Bhavsar, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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 revises NOA # **05-1215.02** and 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
7/1/08

NOA No. 08-0312.10
Expiration Date: May 25, 2011
Approval Date: July 24, 2008
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **JW0509-02**, titled "Wood Edge Impact Glazed Steel Door 8'-0" Inswing Single or Double", sheets 1 through 6, of 6 prepared by O. M. Engineering Services, Inc., dated 12/17/04 with revision "C" dated 02/05/08, signed, sealed and dated 06/07/08 by Nimesh Bhavsar, P.E.

B. TESTS

1. Test reports on: 1) Standard Test Methods for Tension Testing of Metallic Materials, per ASTM E 8-01
Along with marked-up drawings and installation diagram of the tensile properties of a steel door skin, prepared by Architectural Testing, Inc., Test Report No. **ATI 61782.01-106-31**, dated January 30, 2006, signed and sealed by Joseph A. Reed, P. E.
(Submitted under previous NOA # 05-1215.02)
2. 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 Resistant Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
Along with marked-up drawings and installation diagram of outswing steel door, prepared by National Certified Testing Laboratories, Test Report No. **NCTL 210- 3195-1** dated 09/28/05, signed and sealed by Gerard John Ferrara, P.E.
(Submitted under previous NOA # 05-1215.02)

C. CALCULATIONS

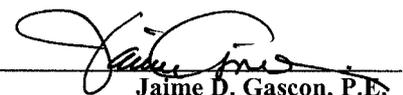
1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by O. M. Engineering Services, Inc., dated 03/07/08, signed and sealed by Nimesh Bhavsar, P.E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

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, and expiring dated 03/04/09.
2. Notice of Acceptance No. **07-0214.07**, issued to ODL Inc. for "ODL/Western Reflection Series Aluminum Glazed Lite Kit Assembly-Impact" approved dated 03/22/07, expiring dated 07/28/10.


Jaime D. Gascon, P.E.

Chief, Product Control Division
NOA No. 08-0312.10

Expiration Date: May 25, 2011
Approval Date: July 24, 2008

Jeld – Wen, Inc. (OR)

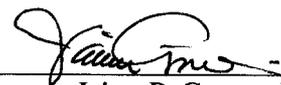
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of no financial interest and conformance, dated February 22, 2008, signed and sealed by Nimesh Bhavsar, P.E.
2. Statement Letter of conformance and letter of “No financial interest” issued Jeld-Wen, dated February 27, 2008, signed by Steve Saffell.
3. Laboratory compliance letter for Test Report no. **ATI 61782.01-106-31**, issued by Architectural Testing, Inc., dated February 06, 2006, signed and sealed by Joseph A. Reed, P. E.
(Submitted under previous NOA # 05-1215.02)
4. Laboratory compliance letter for Test Report no. **NCTL 210-3195-1**, issued by National Certified Testing Laboratories, dated October 07, 2005, signed and sealed by Gerard John Ferrara, P.E.
(Submitted under previous NOA # 05-1215.02)

G. OTHERS

1. Notice of Acceptance No. **05-1215.02**, issued to Jeld – Wen, Inc. (OR) for their Series “8’-0” Inswing Glazed Steel Door – L.M.I. ”, approved dated 05/25/06 and expiring dated 05/25/11.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 08-0312.10
Expiration Date: May 25, 2011
Approval Date: July 24, 2008

JELD-WEN® Steel

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

GENERAL NOTES

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC) BASED ON THE SIGNED AND SEALED DATE; INCLUDING HVHZ AND HAS BEEN EVALUATED IN ACCORDANCE WITH THE FOLLOWING:
TAS 201-94
TAS 202-94
TAS 203-94
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 DOES NOT MEET WATER REQUIREMENTS FOR HIGH VELOCITY HURICANE ZONE (HVHZ)
6. PRODUCT REQUIRES PROTECTIVE COVERING IN ACCORDANCE TO FBC FOR HVHZ. **NO REQUIRED MIAMI-DADE COUNTY APPROVED SHUTTERS.**

RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions) DOOR LEAF CONSTRUCTION:

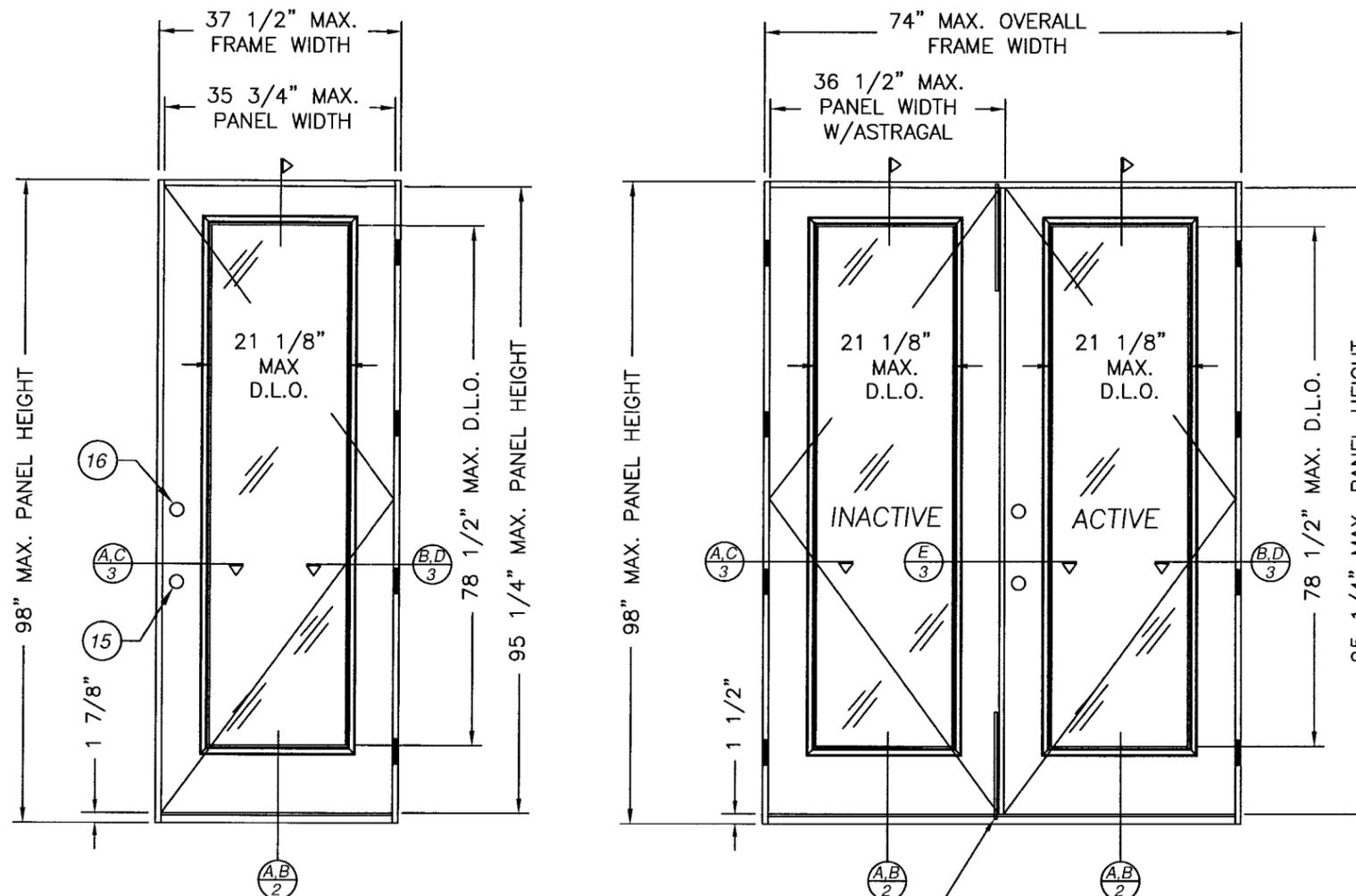
Face sheets: 24 GA (0.021" min) thickness. Galvanized steel A-525 commercial quality AKDQ per ASTM 620 with average minimum yield strength $F_y(ave)=30627$ psi.

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. The units use an inswing adjustable threshold.

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.



REF ASTRAGAL BOLT ITEM # 12

SINGLE INSWING UNIT (X)
SCALE: 1/2" = 1'-0"

DOUBLE INSWING UNIT (XX)
SCALE: 1/2" = 1'-0"

ALL DOOR MODELS ARE VIEWED
FROM THE INTERIOR SIDE

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

| TABLE I DESIGN PRESSURE RATING | | |
|--------------------------------|---|--|
| | WHERE WATER INFILTRATION REQUIREMENT IS NEEDED. | WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED OR PROTECTED BY OVERHANG. * |
| POSITIVE | NOT APPROVED | +50.0 PSF |
| NEGATIVE | NOT APPROVED | -50.0 PSF |

* Unit shall be installed at location protected by overhang such that overhang ratio (OH) = OH length/OH height greater than 1.0

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **08-0312.10**
Expiration Date **05/25/2011**
By *[Signature]*
Miami-DADE Product Control
Division

NIMESH BHAVSAR
FLORIDA P.E. NO. 56861

OM ENGINEERING SERVICES, INC.
P.O. BOX 562988
ORLANDO, FL 32856
FBPE Certificate of Authorization No. 26637

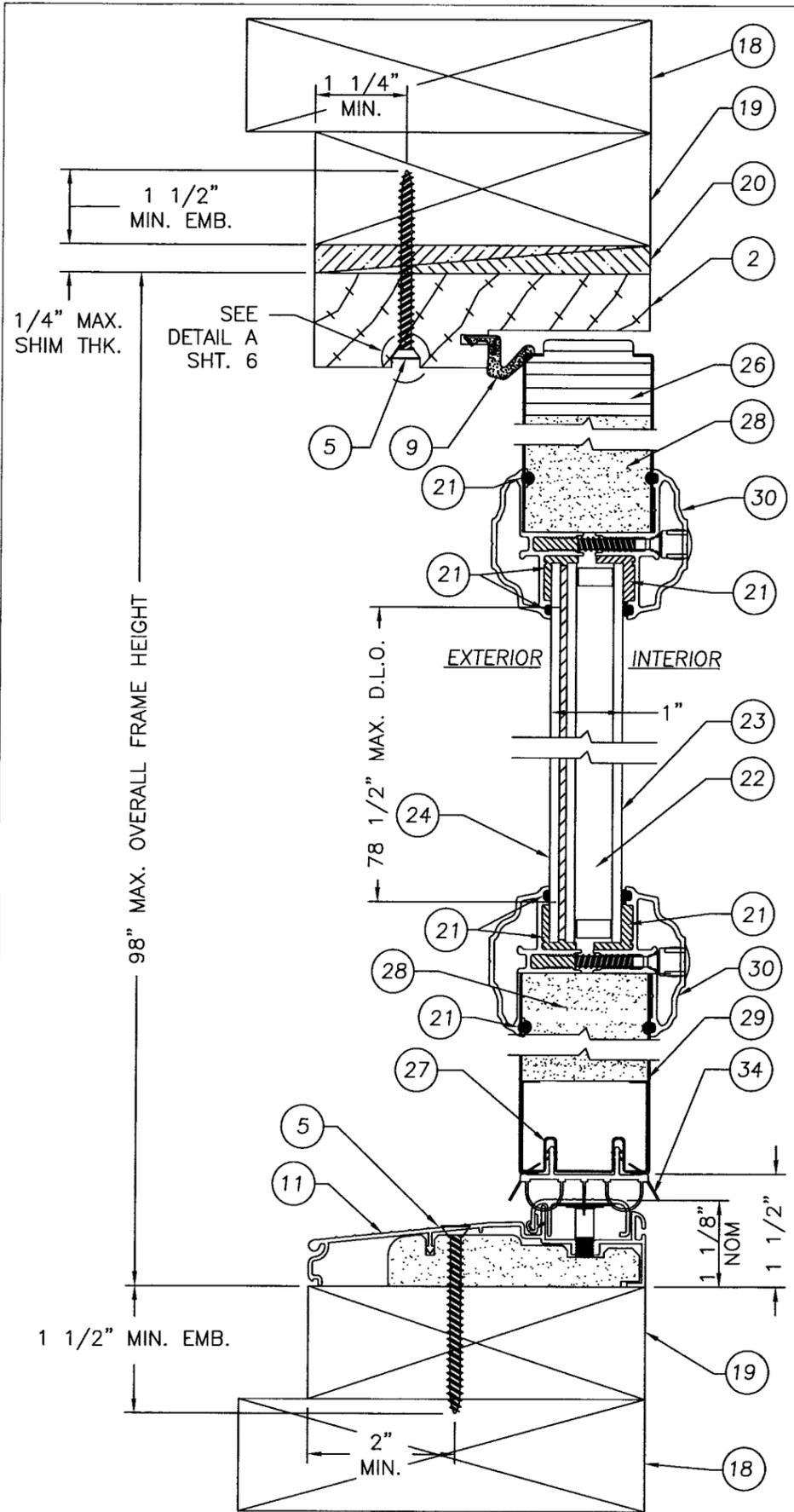
PRODUCT: WOOD EDGE IMPACT GLAZED
STEEL DOOR 8-0 INSWING
SINGLE OR DOUBLE

PART OR ASSEMBLY:
TYPICAL ELEVATIONS &
GENERAL NOTES

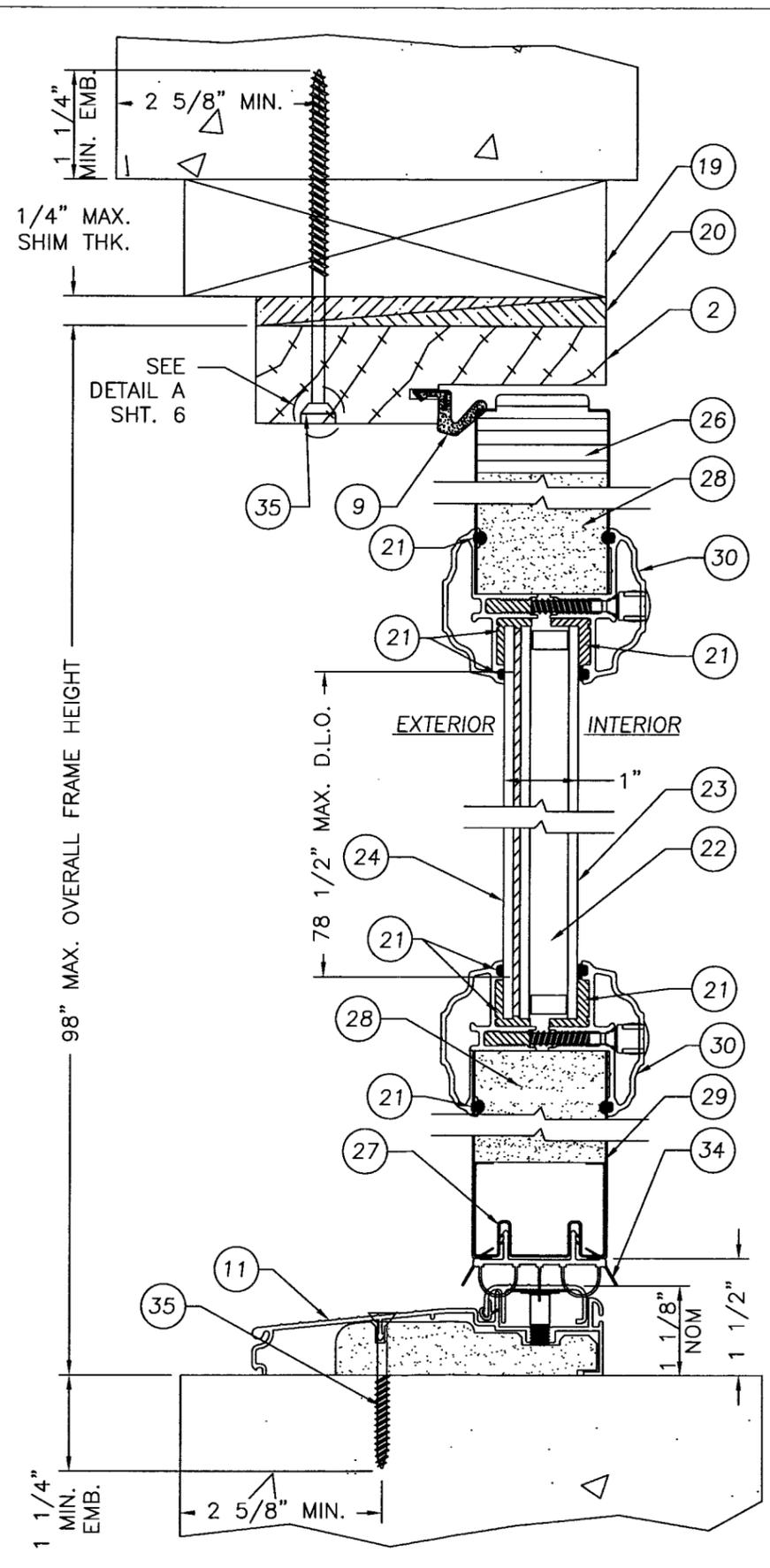
| NO. | DATE | BY | REVISIONS |
|-----|----------|------|------------------|
| C | 2/5/08 | EAG | ADD CONC. DWG. |
| B | 4/8/06 | DREW | GENERAL REVISION |
| A | 12/17/04 | DREW | GENERAL REVISION |

DATE: 2/5/08
SCALE: AS NOTED
DWG. BY: EAG
CHK. BY: S. SAFFELL
DRAWING NO.: JW0509-02
SHEET 1 OF 6

JELD-WEN, INC.
3737 LAKEPORT BLVD.
KLAMATH FALLS, OR, 97601
PH. 541-882-3451



A VERTICAL CROSS SECTION TYP.
2 WOOD FRAME INSTALLATION SCALE: 6" = 1'-0"



B VERTICAL CROSS SECTION TYP.
2 CONCRETE INSTALLATION SCALE: 6" = 1'-0"

| 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 PHF SCREW WITH 1 1/2" MIN. EMBED. | STEEL |
| 6 | #10 X 1 1/2" PHILLIPS FLATHEAD WOOD SCREW | STEEL |
| 7 | #8 X 3" PHILLIPS FLATHEAD WOOD SCREW | STEEL |
| 8 | #8X1" PHILLIPS FLAT HEAD WOOD SCREW | STEEL |
| 9 | COMPRESSION WEATHERSTRIP (Q-LON QDS-650) | |
| 11 | INSWING ADJUSTABLE THRESHOLD (ENDURA) (ALUM 6063-T6) | 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 (ALUM 6063-T6) | ALUMINUM |
| 18 | 2x WOOD BUCK | |
| 19 | 2x WOOD BUCK | WOOD |
| 20 | NON COMPRESSION SHIM | 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 |
| 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 |
| 34 | INSWING VINYL DOOR BOTTOM SWEEP | VINYL |
| 35 | 3/16" ITW BUILDEX TAPCON WITH 1.25" MIN. EMBEDMENT | STEEL |

JELD-WEN, INC.
 3737 LAKEPORT BLVD.
 KLAMATH FALLS, OR, 97601
 PH. 541-882-3451

PRODUCT: WOOD EDGE IMPACT GLAZED
 STEEL DOOR 8-0 INSWING
 SINGLE OR DOUBLE

PART OR ASSEMBLY:
 VERTICAL CROSS SECTIONS
 BILL OF MATERIAL

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 08-0312.10
 Expiration Date 05/25/2011

By *[Signature]*
 Miami Code Product Control
 Division

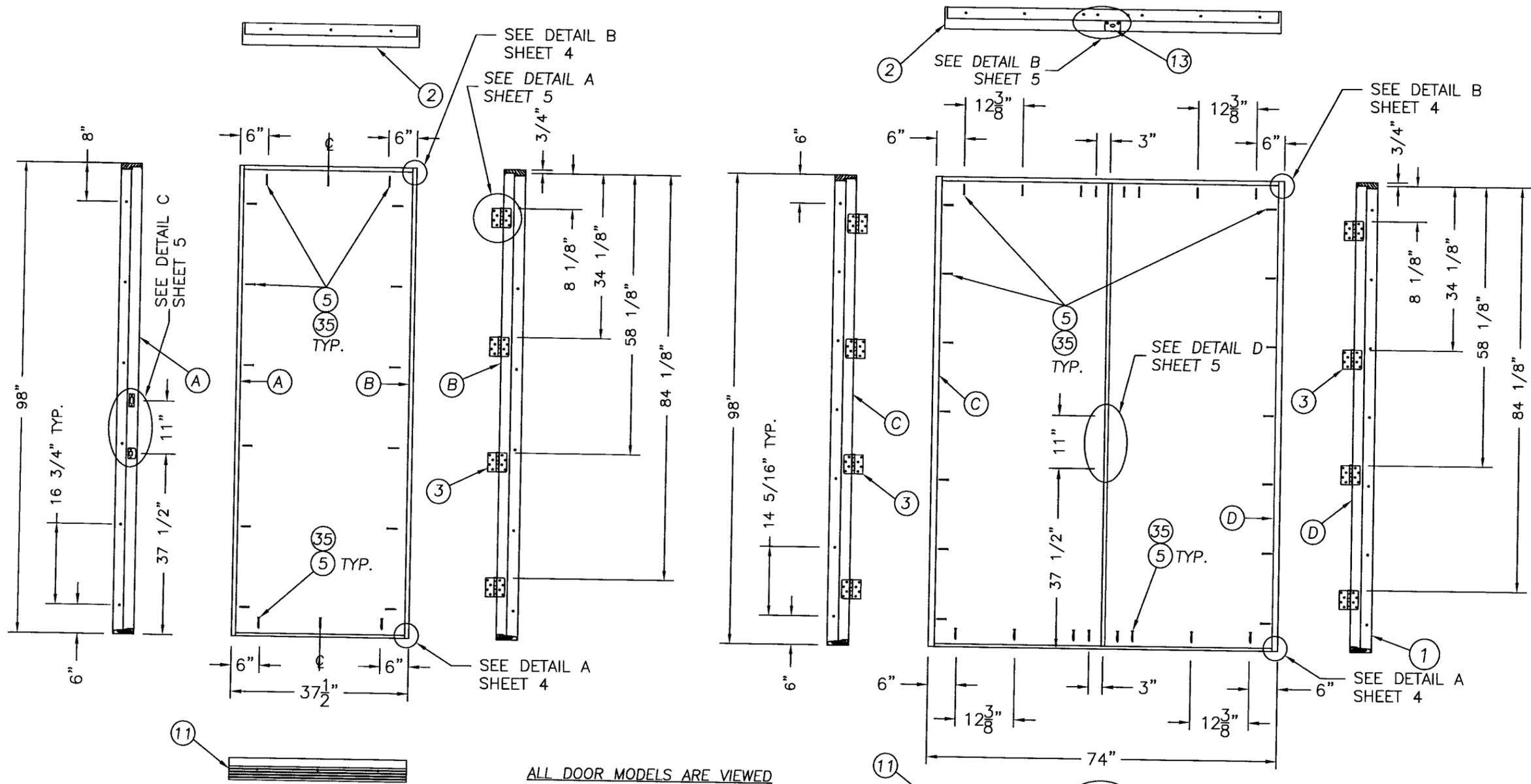
NIMESH BHAVSAR
 FLORIDA P.E. NO. 56861

[Signature]

OM ENGINEERING SERVICES, INC.
 P.O. BOX 560090
 ORLANDO, FL 32856
 FBPE Certificate of Authorization No. 26637

| NO. | DATE | BY | REVISIONS |
|-----|----------|------|------------------|
| C | 2/5/08 | EAG | ADD CONC. DWG. |
| B | 4/8/06 | DREW | GENERAL REVISION |
| A | 12/17/04 | DREW | GENERAL REVISION |

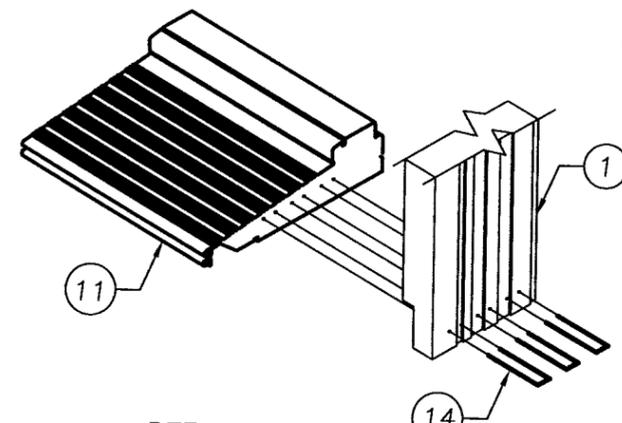
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 SCALE: AS NOTED
 DWG. BY: EAG
 CHK. BY: S. SAFFELL
 DRAWING NO.: JW0509-02
 SHEET 2 OF 6



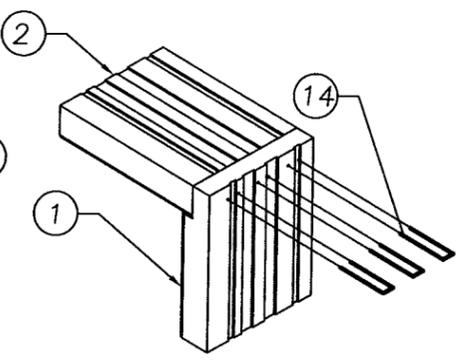
ALL DOOR MODELS ARE VIEWED FROM THE EXTERIOR SIDE

ANCHORING LOCATIONS INSWING SINGLE UNIT (X)
SCALE: 1/2" = 1'-0"

ANCHORING LOCATIONS DOUBLE INSWING UNIT (XX)
SCALE: 1/2" = 1'-0"



DETAIL A
SCALE: 3" = 1'-0"



DETAIL B
SCALE: 3" = 1'-0"

JELD-WEN, INC.
3737 LAKEPORT BLVD.
KLAMATH FALLS, OR, 97601
PH. 541-882-3451

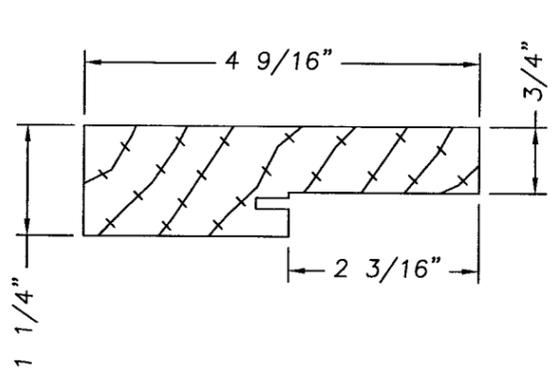
PRODUCT: WOOD EDGE IMPACT GLAZED STEEL DOOR 8-0 INSWING SINGLE OR DOUBLE
PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

| NO. | DATE | REVISIONS | BY |
|-----|----------|-----------------------|----|
| C | 2/5/08 | ADD CONC. DWG. EAG | |
| B | 4/8/06 | GENERAL REVISION/DREW | |
| A | 12/17/04 | GENERAL REVISION | |

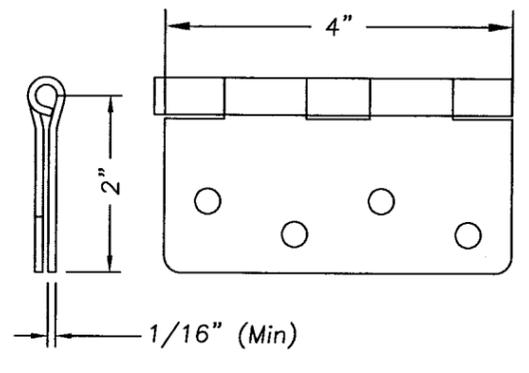
PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **08-0312-10**
Expiration Date **05/25/2011**
By: *[Signature]*
Miami Code Product Control Division

NIMESH BHAVSAR
FLORIDA P.E. NO. 56861
[Signature]
OM ENGINEERING SERVICES, INC.
P.O. BOX 560098
ORLANDO, FL 32856
FBPE Certificate of Authorization No. 26637

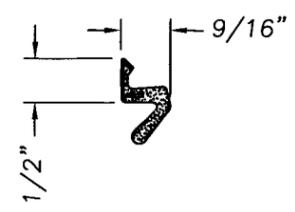
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DWG. BY: EAG
CHK. BY: S. SAFFELL
DRAWING NO.: JW0509-02
SHEET 4 OF 6



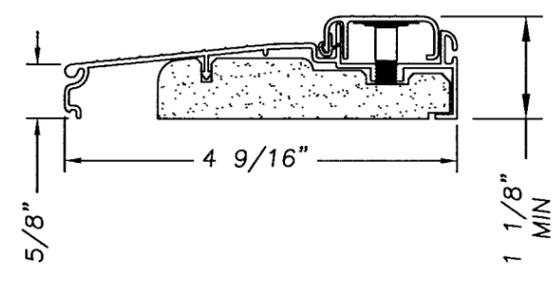
1 WOOD JAMB FINGERJOINTED PINE
SCALE: 6" = 1'-0"



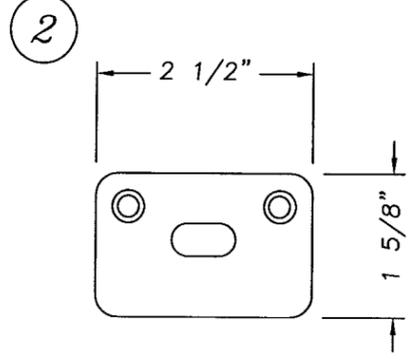
3 BUTT HINGE 4x4x12 GA.
SCALE: 6" = 1'-0"



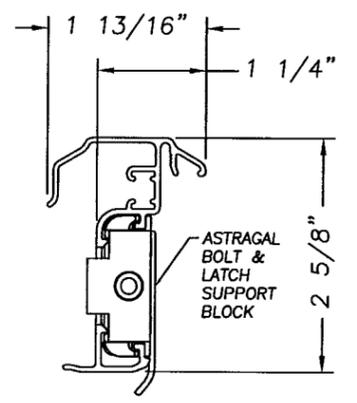
9 COMPRESSION WEATHERSTRIP
QDS-650 SCALE: 6" = 1'-0"



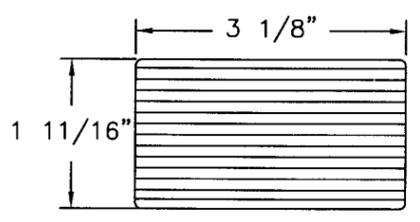
11 INSWING ALUMINUM THRESHOLD
(ENDURA) PT#A14566AA
SCALE: 6" = 1'-0"
MATERIAL 6063-T6



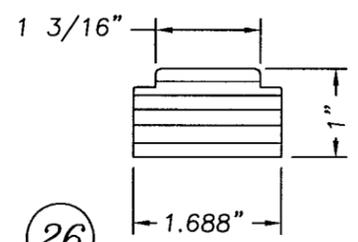
13 ASTRAGAL STRIKE PLATE
SCALE: 6" = 1'-0"



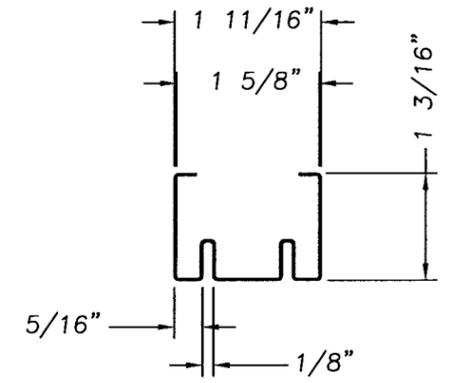
17 ENDURA ALUMINUM ASTRAGAL
SCALE: 6" = 1'-0"
MATERIAL 6063-T6



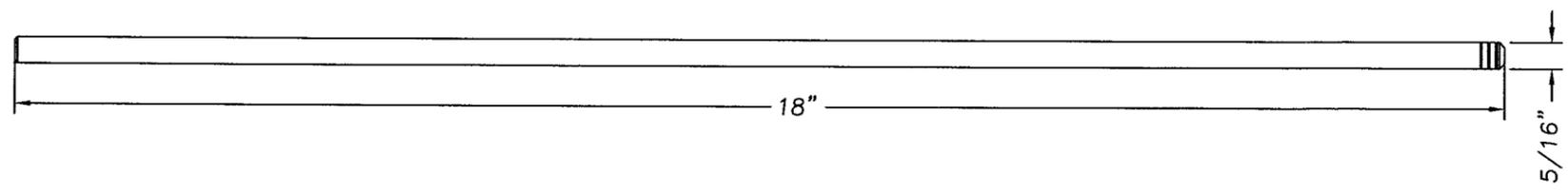
25 LOCK BLOCK LVL WOOD
SCALE: 6" = 1'-0"



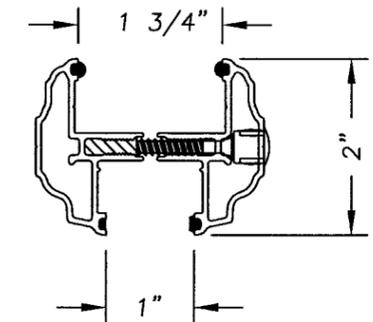
26
31 TOP RAIL (PINE)
HINGE STILE (LVL)
32 LATCH STILE (LVL)
SCALE: 6" = 1'-0"



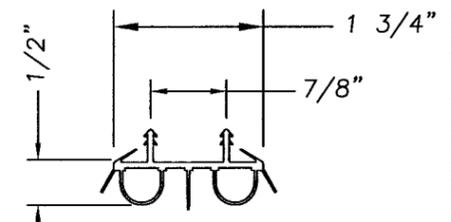
27 BOTTOM RAIL
STEEL 25GA MIN. GALV.
SCALE: 6" = 1'-0"



12 ASTRAGAL BOLT
MAT.- C/R STEEL ROD
ZINC & YELLOW CHROMATE
SCALE: 6" = 1'-0"

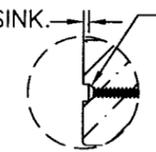


30 ODL LIP-LITE FRAME
ALUMINUM 6063 T5
SCALE: 6" = 1'-0"



34 DOOR BOTTOM SWEEP
SCALE: 6" = 1'-0"

3/16" C-SINK. NOTE



- 1-USE #10 WOOD INSTALLATION SCREW W/ 1 1/2" MIN. EMBEDMENT WHEN INSTALLING INTO WOOD SUBSTRATE AT HEAD & JAMBS.
- 2-USE #8 x 2 1/2" PFH WOOD SCREW WHEN INSTALLING INTO MULLIONS.
- 3-USE 3/16" ITW TAPCON ANCHOR W/ 1 1/4" MIN. EMBED. WHEN INSTALLING INTO CONCRETE/MASONRY SUBSTRATE AT SIDELITE SILLS.

DETAIL A - COUNTERSINK DETAIL
SCALE: NTS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0312.10
Expiration Date 05/25/2011
By: *[Signature]*
Miami/Orlando Product Control
Division

NIMESH BHAVSAR
FLORIDA P.E. NO. 56861
[Signature]
6/17/08
ON ENGINEERING SERVICES, INC.
P.O. BOX 360098
ORLANDO, FL 32836
FBPE Certificate of Authorization No. 26637

| | | | |
|--|----------|-----------------------|-----------|
| PRODUCT: WOOD EDGE IMPACT GLAZED STEEL DOOR 8-0 INSWING SINGLE OR DOUBLE | | UNIT COMPONENTS | |
| PART OR ASSEMBLY: | | BY | |
| C | 2/5/08 | ADD CONC. DWG. EAG | REVISIONS |
| B | 4/8/06 | GENERAL REVISION/DREW | |
| A | 12/17/04 | GENERAL REVISION | |
| NO. | DATE | | |

DATE: 2/5/08
SCALE: AS NOTED
DWG. BY: EAG
CHK. BY: S. SAFFELL
DRAWING NO.: JW0509-02
SHEET 6 OF 6

JELD-WEN, INC.
3737 LAKEPORT BLVD.
KLAMATH FALLS, OR, 97601
PH. 541-882-3451