



**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 North
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 "Jeld-Wen® Steel" W/E Outswing Opaque Insulated Steel Door w & w/o Sidelites

APPROVAL DOCUMENT: Drawing No. **DC2005**, titled "O/S Opaque Steel Door Double & Single Units w & w/o Sidelites", sheets 1 through 8 of 8, prepared by R.W. Building Consultants Inc, dated 9/25/00 with revision #1 dated 12/11/02, 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 **revises and renews NOA # 00-1003.03** and consists of this page 1 as well as approval document mentioned above.

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



**NOA No 02-1211.12
Expiration Date: April 14, 2008
Approval Date: January 16, 2003
Page 1**

Jeld-Wen, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **DC2005**, titled "O/S Opaque Steel Door Double & Single Units w & w/o Sidelites", sheets 1 through 8 of 8, prepared by R.W. Building Consultants Inc, dated 9/25/00 with revision on #1 dated 12/11/02.

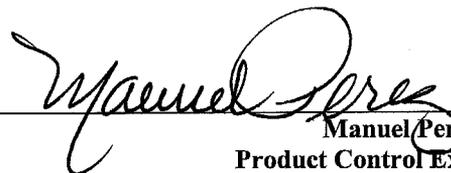
B. TESTS

Submitted under NOA No. 99-1122.01

1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94,
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of pairs of outswing residential insulated steel doors with sidelites, prepared by Certified Testing Laboratories, Test Report No. **CTLA456W**, dated October 19, 1999, signed and sealed by Ramesh Patel, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per PA 202-94 along with marked-up drawings and installation diagram of residential insulated steel sidelites, prepared by Certified Testing Laboratories, Test Report No. **CTLA-961W**, dated October 23, 2002, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS

1. Anchor Calculations, dated October 2, 1999, with addendum dated March 20, 2000, prepared, signed and sealed by Mark Fetherman, P.E. ***Submitted under NOA No. 99-1122.01***
2. Anchor calculations for fixed lite mounting hardware loads dated 12/02/02, prepared, signed and sealed by Lyndon F. Schmidt, P.E.



Manuel Perez, P.E.

Product Control Examiner
NOA No 02-1211.12

Expiration Date: April 14, 2008

Approval Date: January 16, 2003

Jeld-Wen, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

D. MATERIAL CERTIFICATIONS

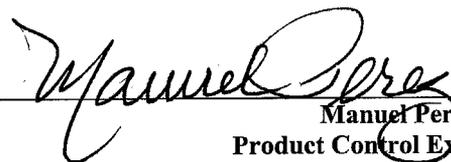
1. Tensile Test prepared by Certified Testing Laboratories, Test Report No. **CTLA456W**, dated September 30, 1999, for steel samples, tested per ASTM E8-93a, signed and sealed by signed and sealed by Ramesh Patel, P.E.
2. Test Report No. ITS-J99006660-001, prepared by Intertek Testing Services NA, Inc., issued to Jeld-Wen Research and Development, dated April 8, 1999, for samples of foam, tested per **ASTM E 84-94** "Standard Test Methods for Surface Burning Characteristics of Building Materials" and **ASTM D 1929-91A** "Standard Test Method for Ignition Properties of Plastics"; signed and sealed by Douglas Keith Tucker, P.E. **Jeld-Wen, Inc.**
3. Notice of Acceptance No. **02-0429.11** issued to Trinity Glass International for "Trinity Lite Frame" dated 07/03/02, expiring on 07/03/07.
4. Tensile Test prepared by Certified Testing Laboratories, Test Report No. **CTLA-1078H**, dated October 24, 2002, for lite frame material samples, tested for straight pull out, signed and sealed by signed and sealed by Ramesh Patel, P.E.

E. STATEMENTS

1. Statement letter of product name change, dated 12/4/02, signed by Steve Strawn.
2. Statement letter of lite frame revision, dated 12/22/02, signed by RW Building Consultants, Inc. signed by Rick Wright.
3. Statement letter of conformance to Code and no financial interest, dated December 2, 2002, signed and sealed by Lyndon F. Schmidt, P.E.
4. Statement letter of no financial interest, dated October 10, 2002, signed and sealed by Steve Frey.
5. Statement letter naming Rick Wright as the contact person, dated October 10, 2002, signed by Steve Frey.

F. OTHER

1. Notice of Acceptance No. **00-1003.03** issued to Jeld-Wen, Inc., for their Series "Doorcraft® Steel" Outswing Opaque W/E Residential Insulated Steel Door w/Sidelites - Impact, approved on 01/11/01 and expiring on 04/14/03.



Manuel Perez, P.E.
Product Control Examiner
NOA No 02-1211.12
Expiration Date: April 14, 2008
Approval Date: January 16, 2003

JELD-WEN® Steel

WOOD EDGE OPAQUE INSULATED STEEL DOOR
OUTSWING 6-8 UNITS W/AND W/OUT 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 THE 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. THIS SYSTEM REQUIRES WINDBORNE DEBRIS EXTERNAL PROTECTION AS PRESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE FOR THE SIDELITES ONLY.
5. DESIGNED PRESSURE RATING SHALL BE AS FOLLOWS:
-SEE DESIGN PRESSURE RATING TABLE SHEET ONE.
6. SIDELITES ARE AN OPTION AND CAN BE IN A SINGLE OR DOUBLE CONFIGURATION.
7. THIS SYSTEM MEETS THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES". SEE NOTE BELOW DESIGNED PRESSURE CHART.

RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

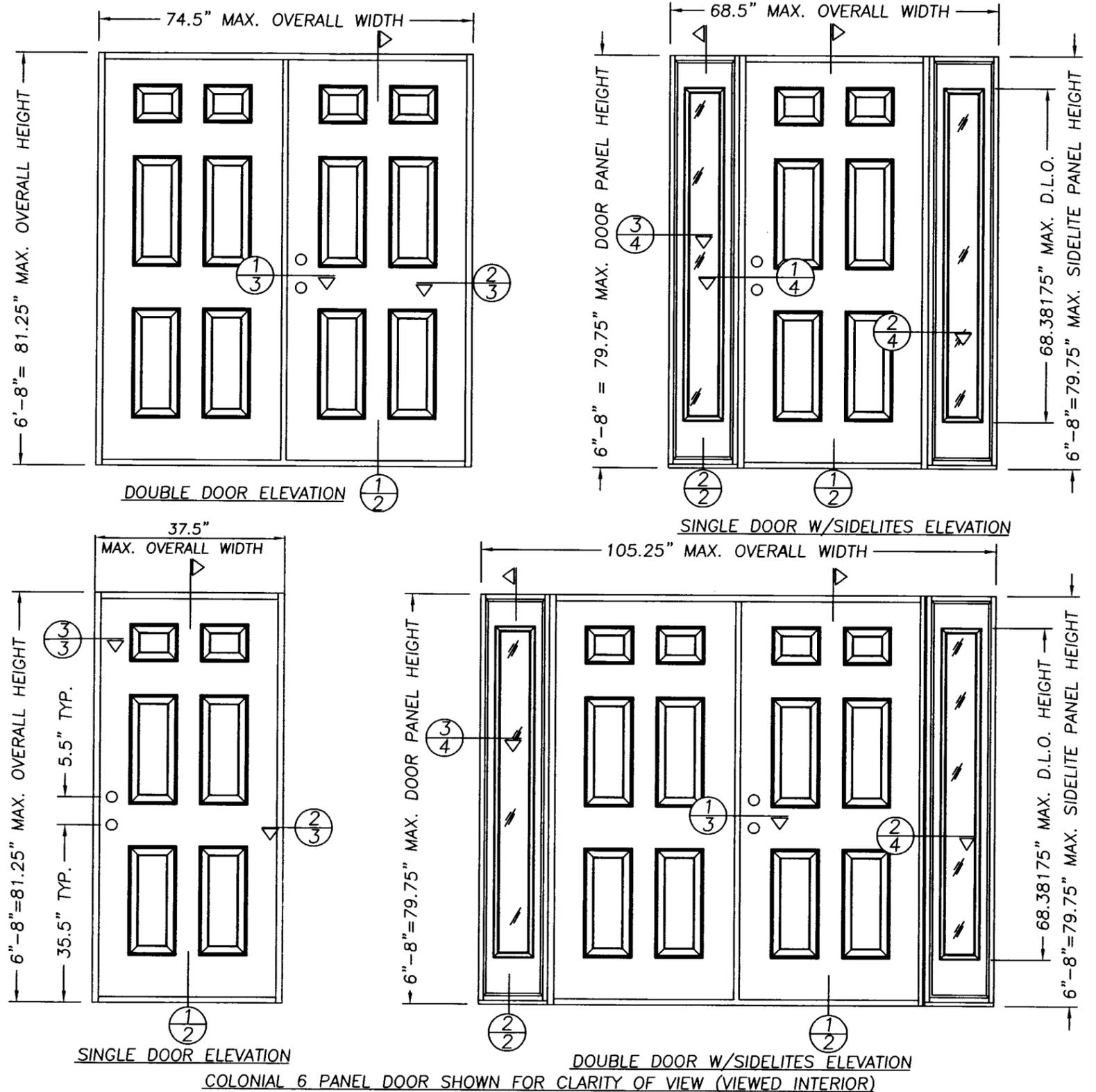
Door Leaf Construction:

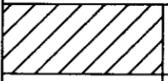
Face sheets: 24 ga. (0.020") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength $F_y(\text{min.})=24,600$ psi.

Core design: Expanded polystyrene with 1.0 to 1.25 lbs. density.

Construction: Steel face sheets glued to expanded polystyrene (EPS), with wood rails and laminated veneer lumber stiles and a wood lock block reinforcement.

Frame Construction: The head jams and side jams are mortised, butted and joined using three 7/8" x 2" wire staples.



DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+ 53.0 PSF
NEGATIVE	- 57.0 PSF

Approved as complying with the Florida Building Code
Date JAN. 16, 2003
NOA# 02-1211.12
Miami Dade Product Control
Division
By [Signature]

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
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3	HOIZONTAL CROSS SECTIONS
4	HOIZONTAL CROSS SECTIONS
5	ANCHORING LOCATIONS & DETAILS
6	ANCHORING LOCATIONS & DETAILS
7	GLAZING DETAILS
8	COMPONENTS

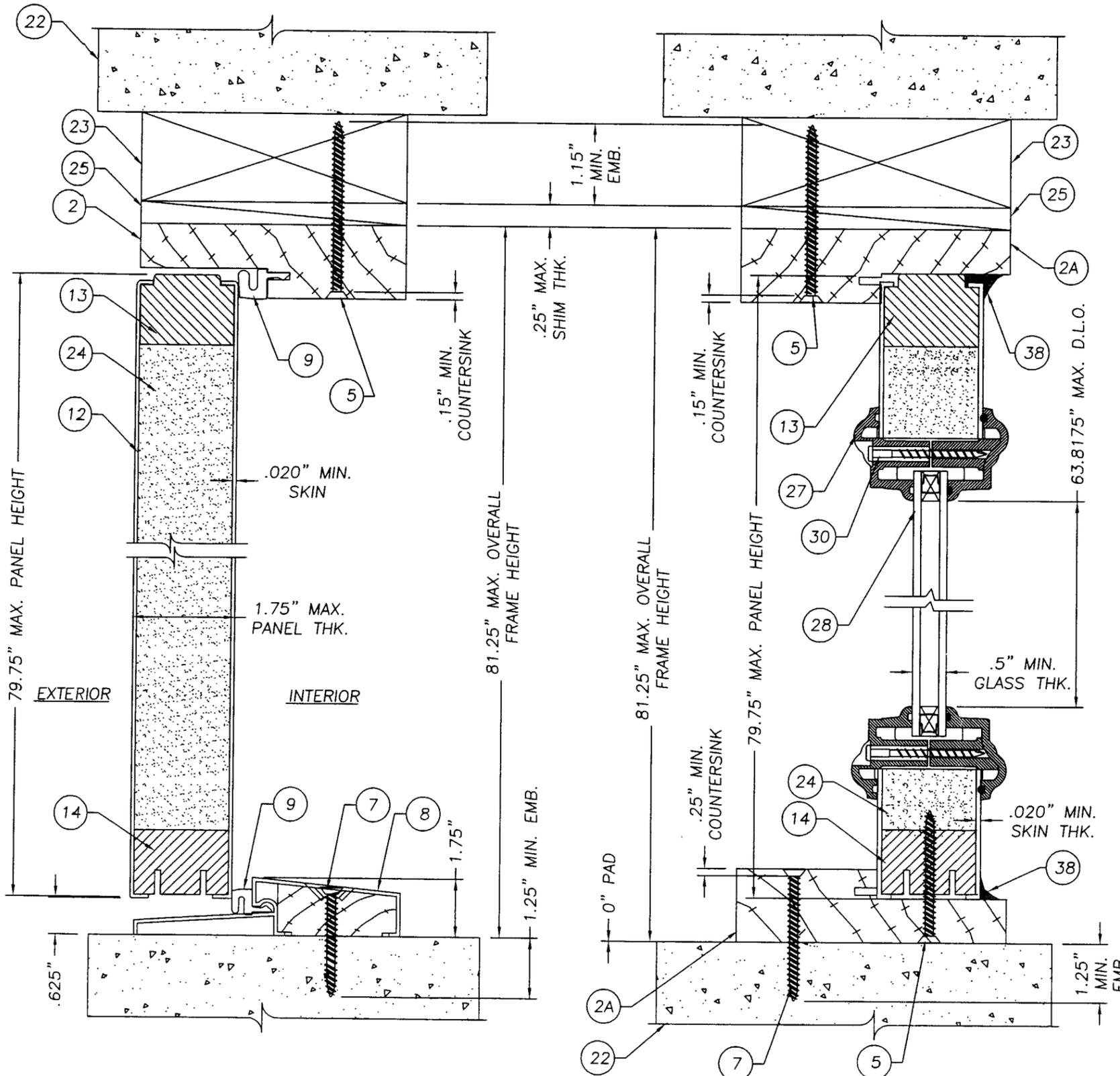
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILQUIN, OR. 97624
PH. 541.783.2057

PRODUCT:
O/S OPAQUE STEEL DOOR
DOUBLE & SINGLE UNITS
W & W/O SIDELITES
PART OR ASSEMBLY:
ELEVATIONS AND
GENERAL NOTES

NO.	DATE	BY	REVISIONS
1	12/11/02		UPDATED DRAWING & ROF ADD TRINITY FRAME

RW BUILDING
CONSULTANTS, INC.
813.659.9197

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC2005
SHEET 1 OF 8



Item	DESCRIPTION	Material
1	HINGE JAMB (1 1/4" x 4 1/12")	WOOD
2	HEAD JAMB (1 1/4" x 4 1/2")	WOOD
2A	SIDELITE BLANK JAMB (1 1/4" x 4 9/16")	
3	4" x 4" BUTT HINGE 12GA. (.097" MIN)	STEEL
4	#9 x 1" P. FH. WOOD SCREW (HINGE TO FRAME)	STEEL
5	#8 x 2 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
6	#10 X 2" P. FH. WOOD SCREW (HINGE TO BUCK)	STEEL
7	1/4" TAPCON	STEEL
8	BUMPER THRESHOLD (1 1/4"x4 5/8"x5/8")	ALUMINUM
9	COMPRESSION WEATHERSTRIP Q-LON QDS-650	
10	EXTRUDED ASTRAGAL (IMPERIAL #ANH)	ALUMINUM
11	#9 x 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
12	FACE SHEET 24GA. (.020" MIN. GALVANIZED)	STEEL
13	TOP RAIL (1.67" x 1.042")	WOOD
14	DOOR PANEL BOTTOM RAIL (1.73"x1.21"x.021")	STEEL
15	DOOR HINGE WOOD SIDE STILE 1.67" x 1.065"	WOOD
15A	DOOR LATCH LVL SIDE STILE 1.67" x 1.065"	
16	ASTRAGAL THROW BOLT ϕ .31" x 19.25 L.	STEEL
17	#8 x 1/2" L. TYPE "AB" PANHEAD SMS	STEEL
18	8-#6 X 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
19	KWIKSET TITAN SERIES LOCK	
20	KWIKSET TITAN SERIES DEADBOLT	
21	LATCH SCREWS (SEE LOCK INSTRUCTIONS)	
22	MASONRY WALL	CONC.
23	2x WOOD BUCK	WOOD
24	EXPANDED POLYSTYRENE, DYLITE (1.0 TO 1.25 LB)	
25	1/4" MAX. SHIMS	WOOD
26	WOOD LOCK REINFORCEMENT	WOOD
27	LITE FRAME ODL POLYPROPYLENE	
28	1/2" INSULATED TEMPERED GLASS	GLASS
29	LATCH JAMB (1 1/4" x 4 1/12")	WOOD
30	#8 x 1 1/2" TEK SCREW (LITE FRAME)	STEEL
31	LITE FRAME BY TRINITY FOR 1/2" GLASS	
32	1/2" INSULATED TEMP. GLASS BY TRINITY	
33	LITE FRAME BY TRINITY FOR 1" GLASS	
34	1" INSULATED TEMP. GLASS BY TRINITY	
35	LITE FRAME SCREW #6 X 1 1/2" PANHEAD	
36	SILICONE CAULK (CR LAWRENCE 33C)	SILICONE
37	GLAZING COMPOUND	SILICONE
38	CAULK	LATEX

1 VERTICAL CROSS-SECTION

2 VERTICAL CROSS-SECTION

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

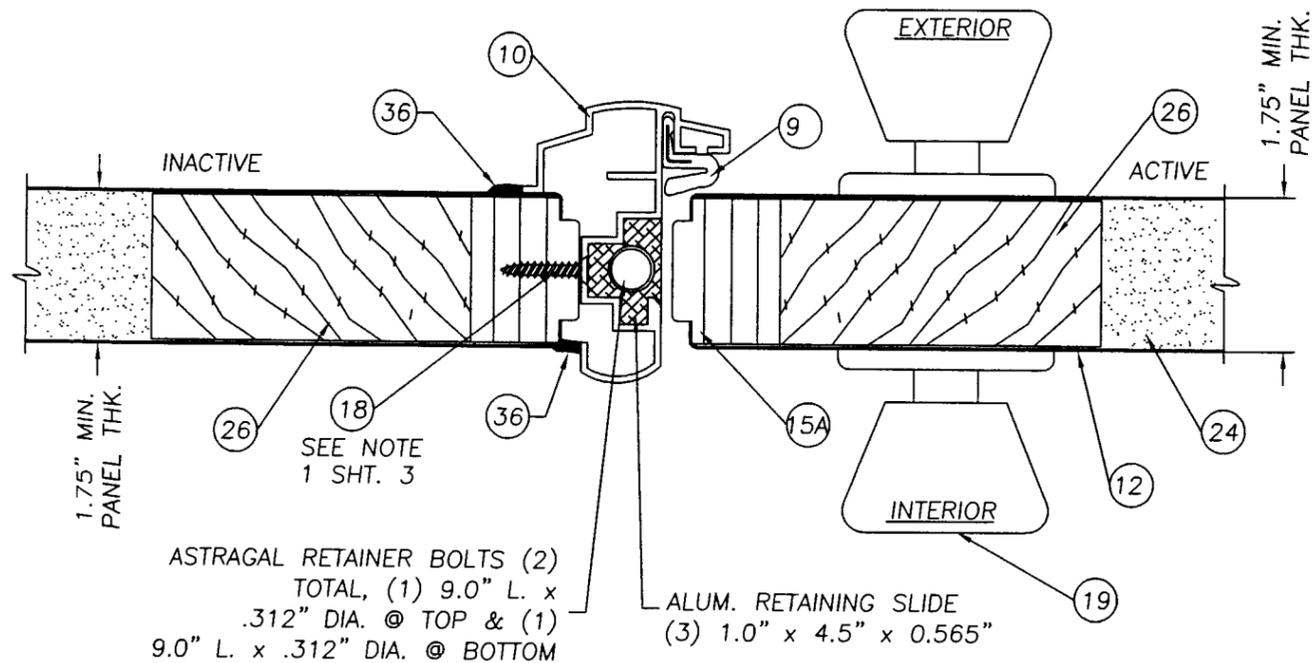
PRODUCT: O/S OPAQUE STEEL DOOR DOUBLE & SINGLE UNITS W & W/O SIDELITES
 PART OR ASSEMBLY: VERTICAL CROSS SECTIONS & BILL OF MATERIALS

NO.	DATE	BY	REVISIONS
1	12/11/02	ROF	UPDATED DRAWING & ADD TRINITY FRAME

RW BUILDING CONSULTANTS, INC.
 813.659.9197

Approved as complying with the Florida Building Code
 Date JAN. 16, 2003
 NOA# 02-1211-12
 Miami Dade Product Control Division
 By Maurice J...

DATE:	9/25/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	DC2005
SHEET	2 OF 8



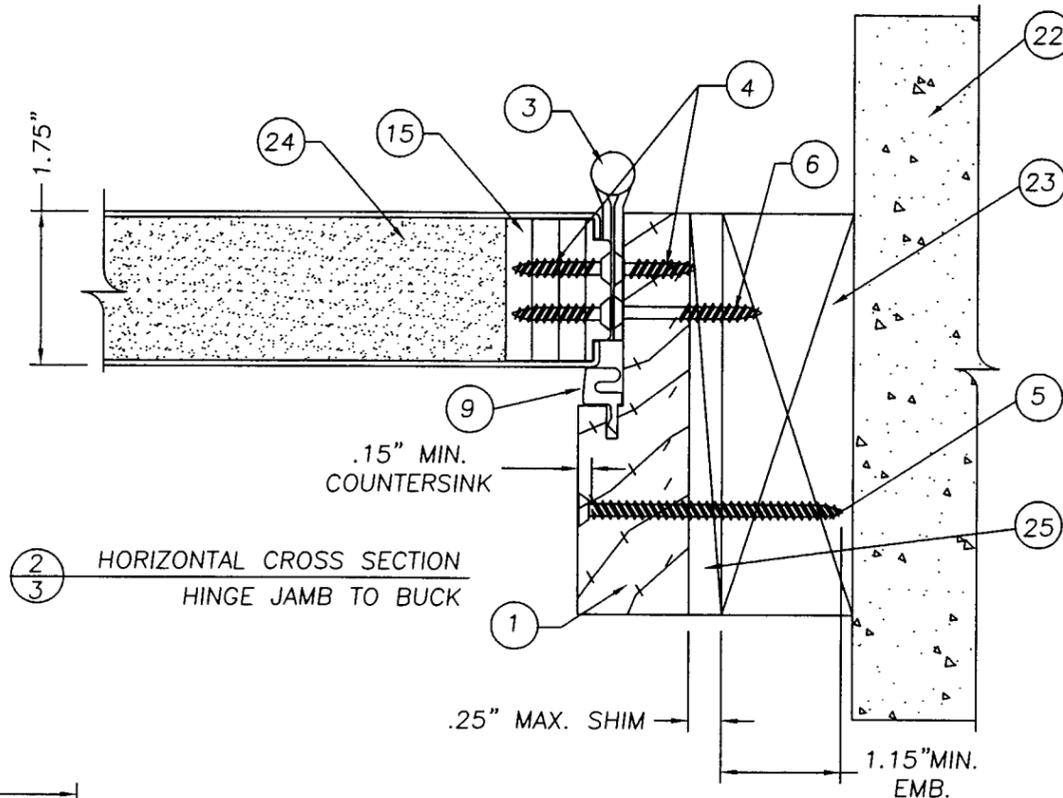
1.75" MIN. PANEL THK.

SEE NOTE 1 SHT. 3

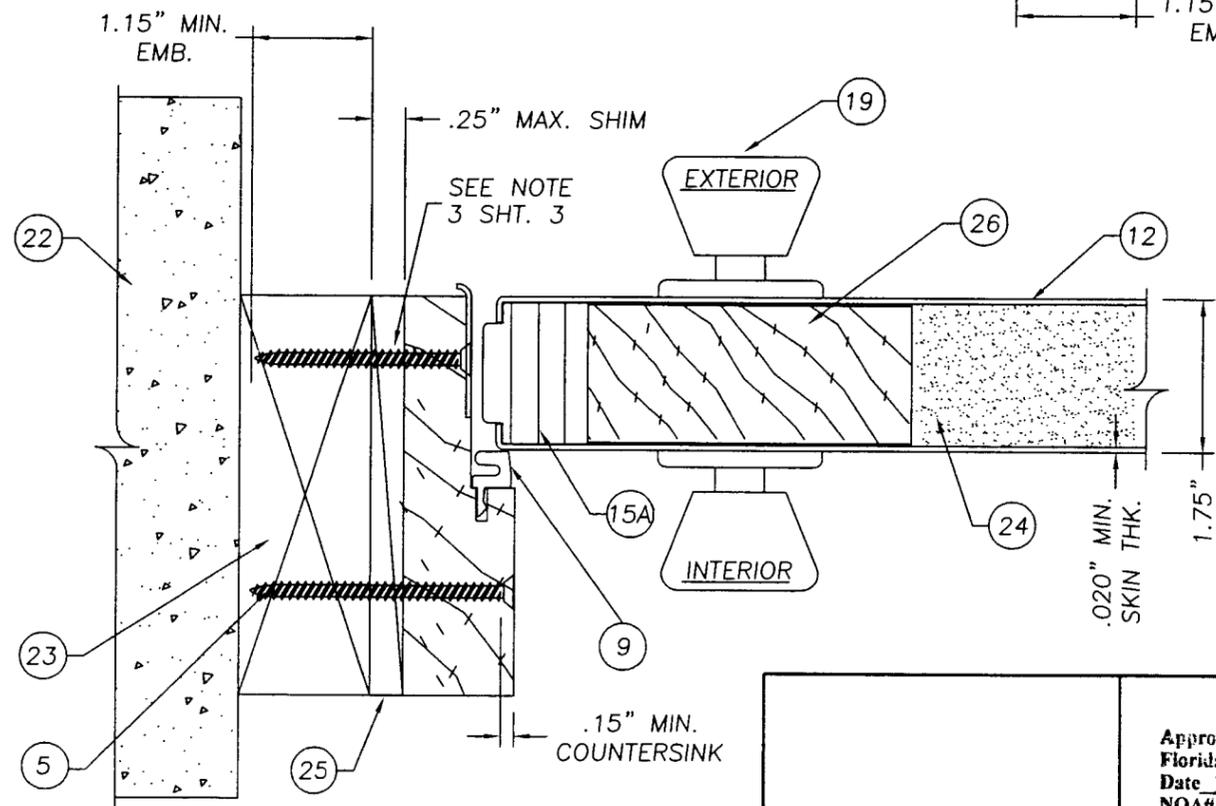
ASTRAGAL RETAINER BOLTS (2) TOTAL, (1) 9.0" L. x .312" DIA. @ TOP & (1) 9.0" L. x .312" DIA. @ BOTTOM

ALUM. RETAINING SLIDE (3) 1.0" x 4.5" x 0.565"

1 HORIZONTAL CROSS SECTION AT ASTRAGAL



2 HORIZONTAL CROSS SECTION HINGE JAMB TO BUCK



3 HORIZONTAL CROSS SECTION LATCH JAMB TO BUCK

NOTES:

1. SPACING FOR ITEM 18 #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".
2. SPACING FOR #8 x 1 1/2" PLASCREW ATTACHING THE ODL LITE FRAME IS AS FOLLOWS; TOP & BOTTOM; (2) SCREWS 3.0" IN FROM EACH HORIZONTAL CORNER. FROM THE TOP OF THE FRAME DOWN ON THE SIDES; 3.0", 13.0", 26.0", 39.0", 52.0" & 63.0".
3. WHEN ATTACHING THE STRIKE PLATE TO THE JAMB AND BUCK USE #8 x 2 1/2" PFH WOOD SCREW. WHEN ATTACHING THE STRIKE PLATE TO THE JAMB AND SIDELITE JAMB AT THE MULLION USE #8 x 2" PFH WOOD SCREW.
4. SPACING FOR #8 x 2.5" PFH WOOD SCREW ATTACHING THE MULLIONS TOGETHER IS AS FOLLOWS; 6.0" FROM EACH VERTICAL CORNER WITH (5) MORE SCREWS EQUALLY SPACED, A TOTAL OF (7) SCREWS PER EACH VERTICAL MULLION.
5. WHEN ATTACHING THE HINGE TO THE JAMB AND BUCK USE ITEM #10 x 2" PFH WOOD SCREW. WHEN ATTACHING THE HINGE TO THE JAMB AND SIDELITE JAMB AT THE MULLION USE #10 x 1 3/4" PFH WOOD SCREW.
6. THE SPACING FOR ITEM #35 THE #6 x 1-1/2" PANHEAD SCREW SPACING IN THE TRINITY LITE FRAME IS AS FOLLOWS: FROM THE TOP DOWN ON THE SIDES (9) AT 5.625", 14.5", 23.25", 32.0625", 41.0", 49.75", 58.5625", 67.375", AND 76.3125". THE TOP AND BOTTOM FROM RIGHT TO LEFT (2) SCREWS AT 3.125" AND 6.875".

JELD-WEN, INC.
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PRODUCT:
O/S OPAQUE STEEL DOOR
DOUBLE & SINGLE UNITS
W & W/O SIDELITES

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	BY	REVISIONS
1	12/11/02	ROF	UPDATED DRAWING & ADD TRINITY FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 9/25/00

SCALE: N.T.S.

DWG. BY: TJH

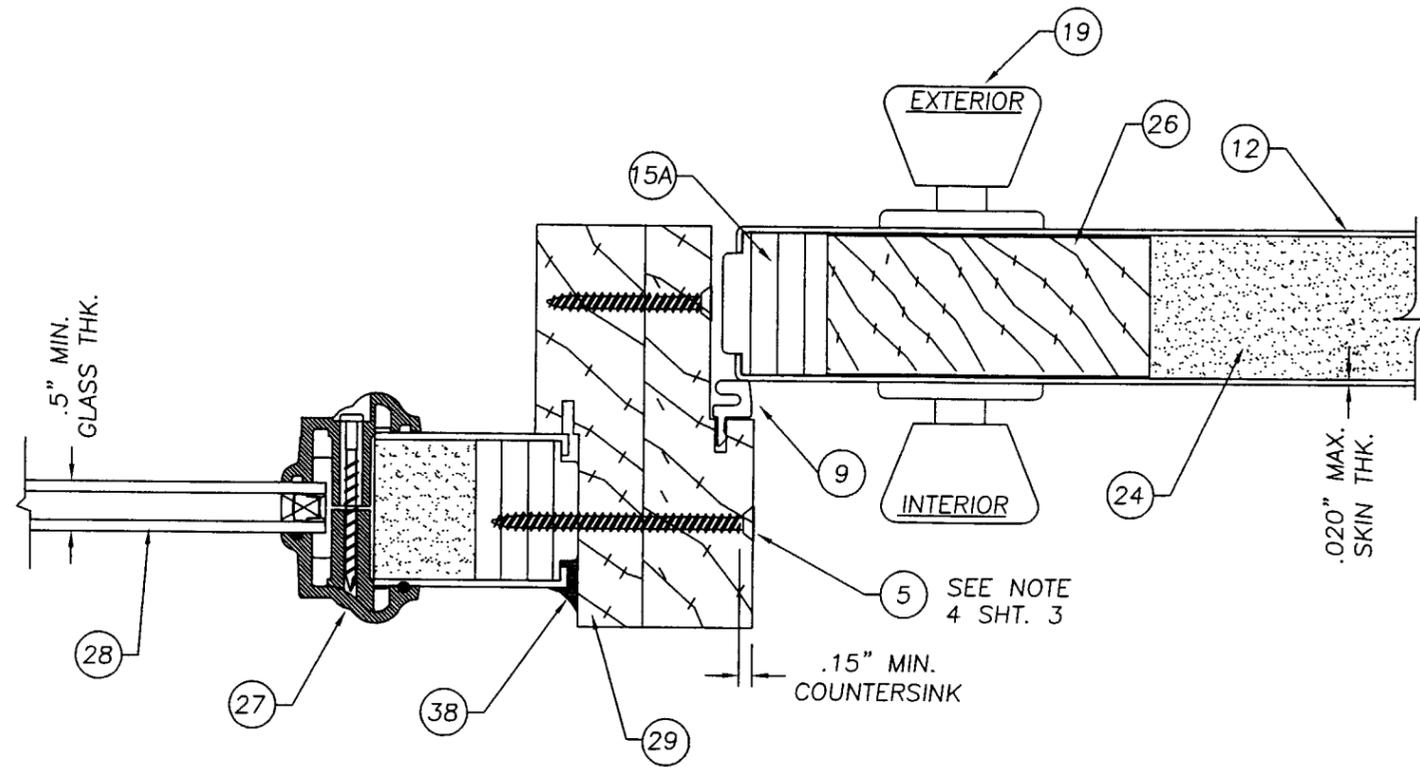
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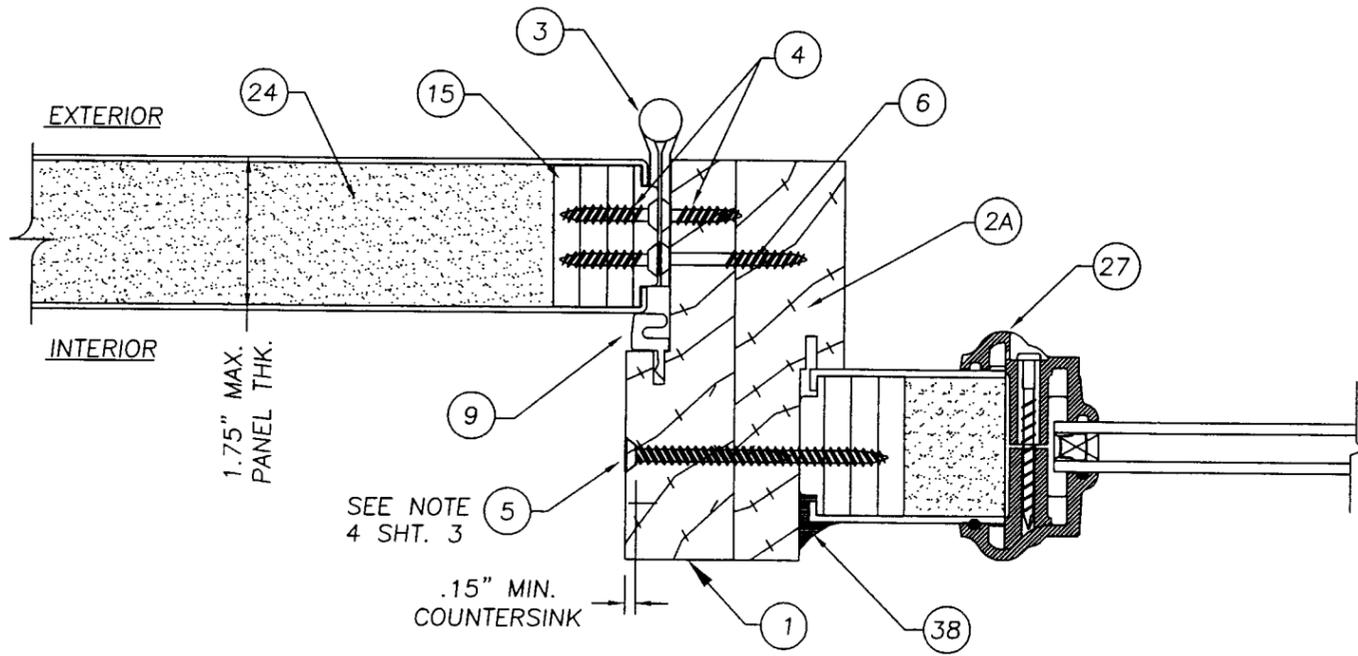
DC2005

SHEET 3 OF 8

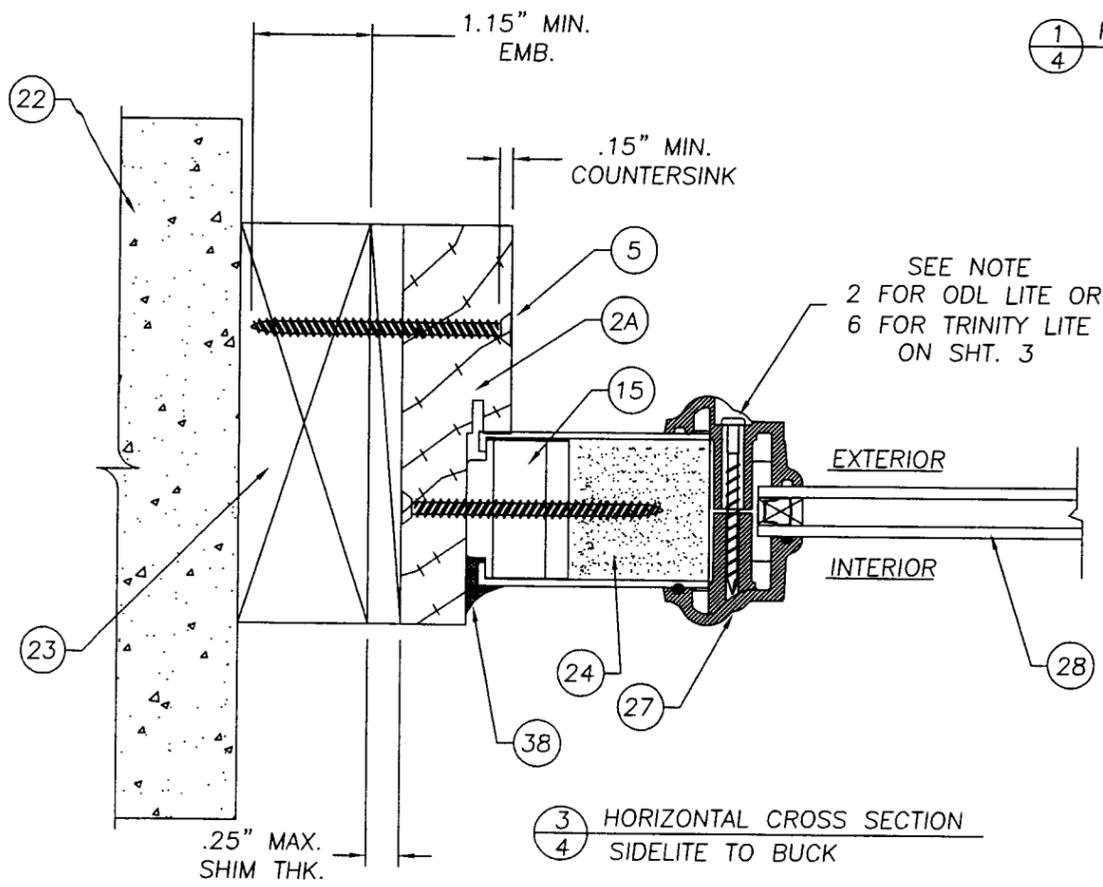
Approved as complying with the Florida Building Code
Date **JAN. 16, 2003**
NOA# **02-1211-12**
Miami Dade Product Control Division
By *[Signature]*



1 HORIZONTAL CROSS SECTION AT SIDELITE



2 HORIZONTAL CROSS SECTION HINGE TO BUCK



3 HORIZONTAL CROSS SECTION SIDELITE TO BUCK

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

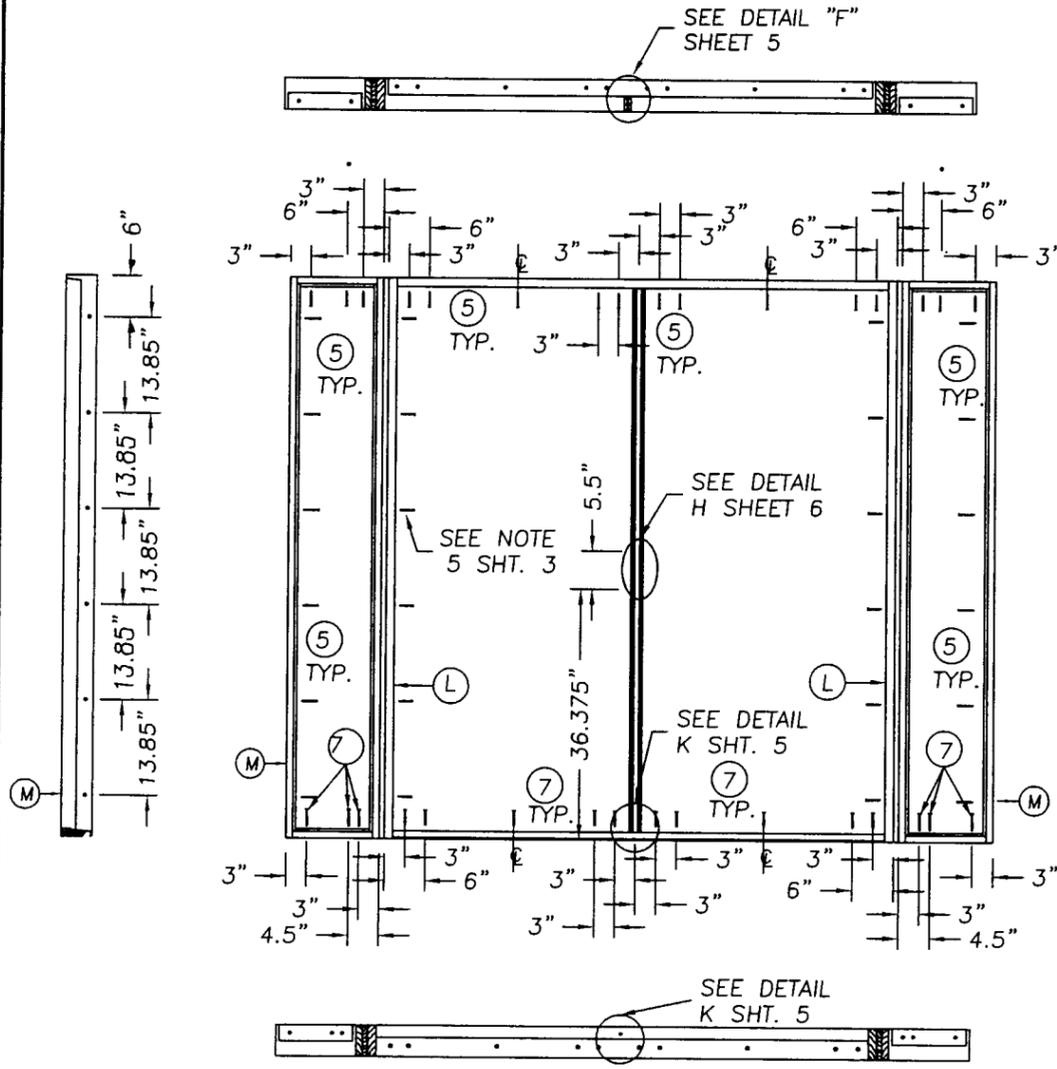
PRODUCT: O/S OPAQUE STEEL DOOR DOUBLE & SINGLE UNITS W & W/O SIDELITES
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS
1	12/11/02		UPDATED DRAWING & ROF ADDED TRINITY FRAME

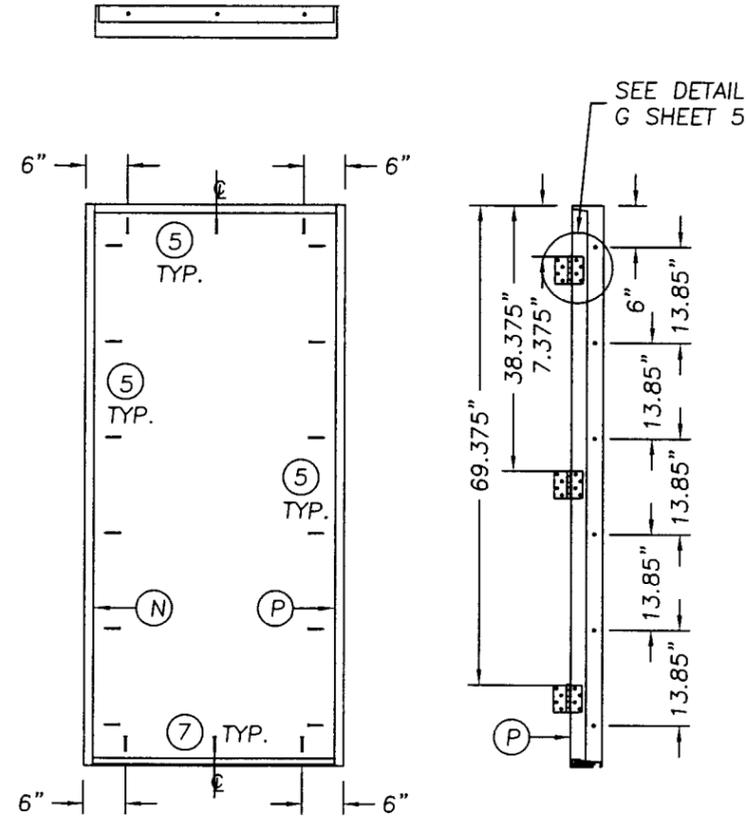
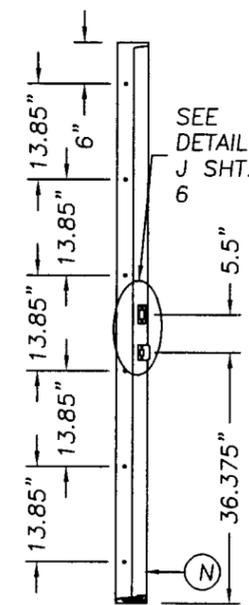
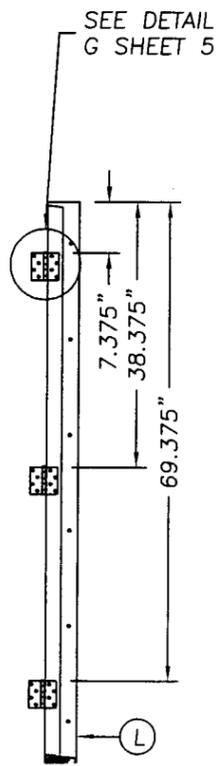
RW BUILDING CONSULTANTS, INC.
 813.659.9197

DATE: 9/25/00
 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: RW
 DRAWING NO.: DC2005
 SHEET 4 OF 8

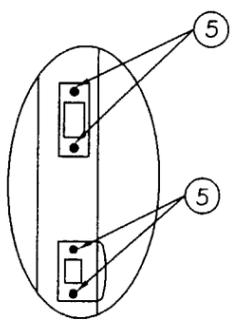
Approved as complying with the Florida Building Code
 Date JAN. 16, 2003
 NOA# 02-1211-12
 Miami Dade Product Control Division
 By *[Signature]*



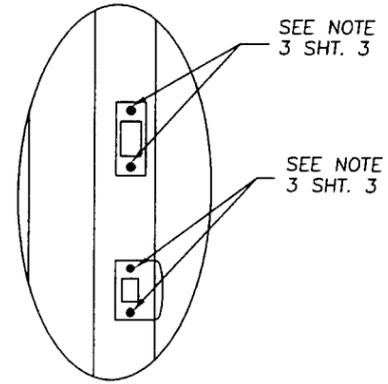
DOUBLE DOOR W/SIDELITES ANCHORING LOCATIONS



SINGLE DOOR ANCHORING LOCATIONS



OPTIONAL DETAIL H STRIKE PLATES TO IMPERIAL ASTRAGAL



DETAIL J STRIKE PLATES TO JAMBS SEE NOTE 5 SHT. 4

JELD-WEN, INC.
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PRODUCT:
O/S OPAQUE STEEL DOOR
DOUBLE & SINGLE UNITS
W & W/O SIDELITES

PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

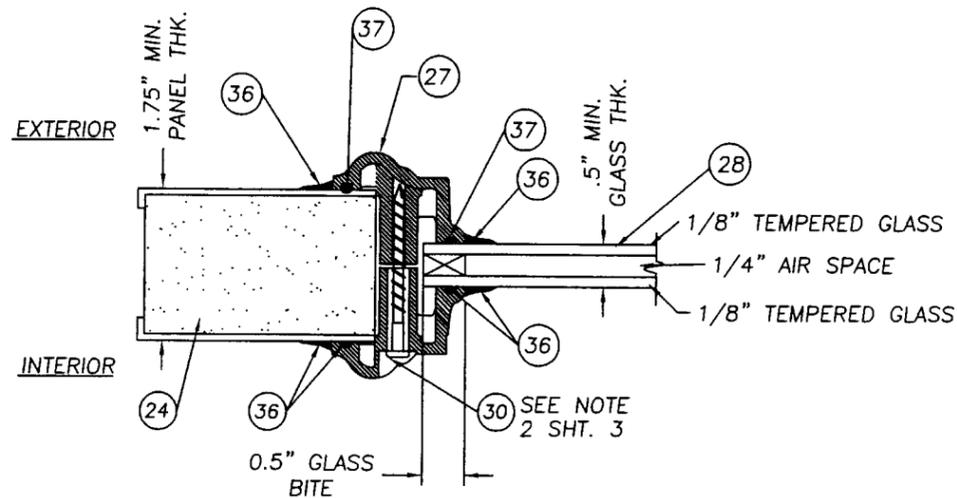
NO.	DATE	BY	REVISIONS
1	12/11/02		UPDATED DRAWING & ROF
			ADD TRINITY FRAME

RW BUILDING
CONSULTANTS, INC.
813.659.9197

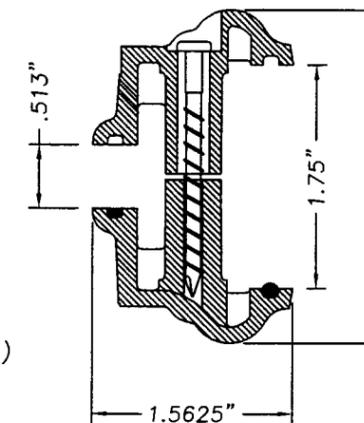
DATE: 9/25/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC2005
SHEET 6 OF 8

Approved as complying with the
Florida Building Code
Date JAN 16 2003
NOA# 02-1211.12
Miami Dade Product Control
Division
By [Signature]

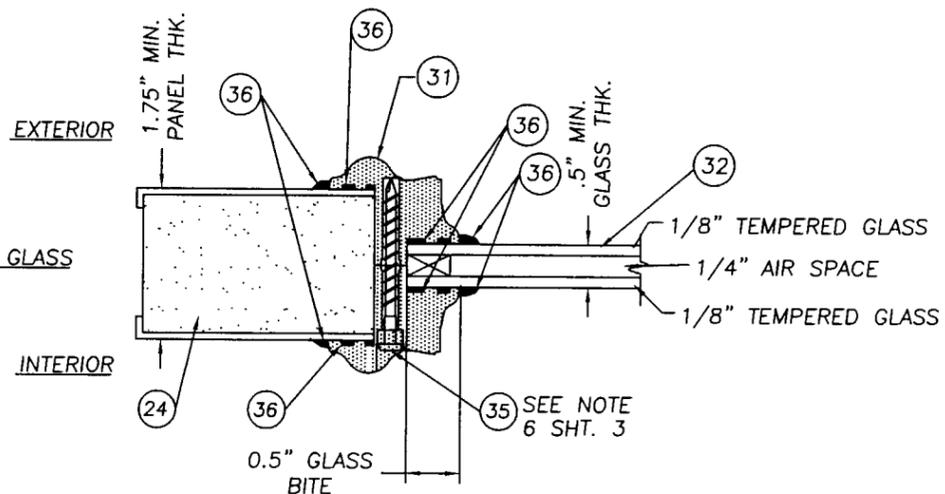
GLAZING DETAIL
1/2" TEMPERED GLASS
ODL LITE FRAME



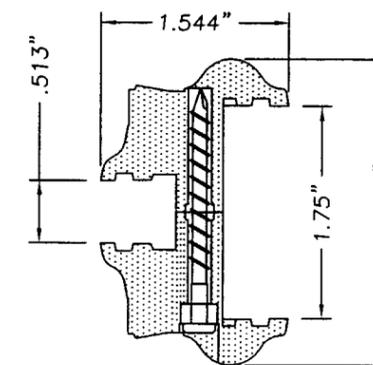
(27)
1/2" GLASS LITE FRAME
ODL
HP POLYPROPYLENE
(THERMOFIL-P6-30FM0391)



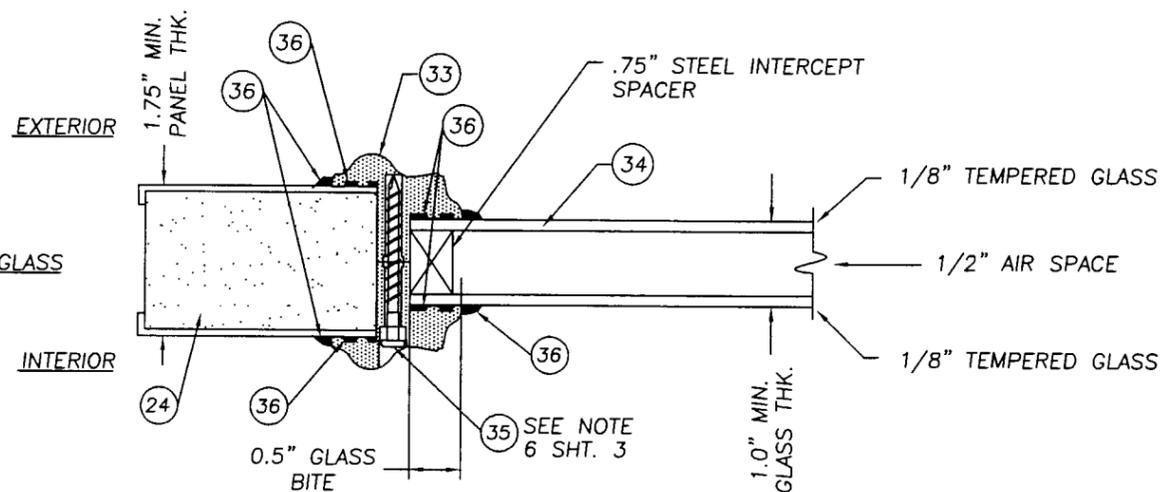
GLAZING DETAIL
1/2" INSUATED TEMPERED GLASS
TRINITY LITE FRAME



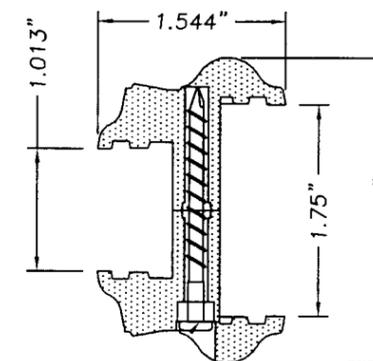
(31)
1/2" GLASS LITE FRAME
TRINITY
(LUPOY EU 5007)



GLAZING DETAIL
1" INSULATED TEMPERED GLASS
TRINITY LITE FRAME



(33)
1" GLASS LITE FRAME
TRINITY
(LUPOY EU 5007)



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

PRODUCT:
O/S OPAQUE STEEL DOOR
DOUBLE AND SINGLE UNITS
W & W/O SIDELITES

PART OR ASSEMBLY:
GLAZING
CROSS SECTIONS

NO.	DATE	REVISED	BY
1	12/11/02	UPDATED DRAWINGS AND TRINITY FRAME	ROF

RW BUILDING
CONSULTANTS, INC.
813.659.9197

Approved as complying with the
Florida Building Code
Date JAN. 16, 2003
NOA# 02-1211.12
Miami Dade Product Control
Division
By Maurice Perry

DATE:	9/25/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	DC2005
SHEET	7 OF 8

