



**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: Jeld-Wen "Gladiator" & "Energy Saver" O/S Glazed W/E Residential Ins. Steel Door**

**APPROVAL DOCUMENT:** Drawing No. S-2004, titled "Jeld-Wen Steel Outswing Woodedge Door Double and Single Unit", sheets 1 through 7 of 7, prepared by R.W. Building Consultants Inc, dated 12/01/99 with revision on 11/08/02, 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: 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 **revises and renews** NOA # 99-1007.01 and, consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime M. Eisen, P.E.**



**NOA No 02-1211.10  
Expiration Date: July 17, 2008  
Approval Date: January 23, 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. **S-2004**, titled "Jeld-Wen Steel Outswing Woodedge Door Double and Single Unit", sheets 1 through 7 of 7, prepared by R.W. Building Consultants Inc, dated 12/01/99 with revision on 11/08/02.

**B. TESTS**

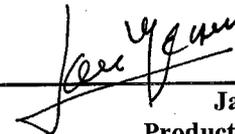
1. Test reports on
  - 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Water Resistance Test, per PA 202-94
  - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along with marked-up drawings and installation diagram of pairs of outswing glazed residential insulated steel doors with sidelites, prepared by Certified Testing Laboratories, Test Report No. **CTLA456W (Addendum)**, dated May 23, 2000, signed and sealed by Ramesh Patel, P.E.
2. 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 202-94along 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.

**C. CALCULATIONS**

1. Anchor Calculations, dated October 2, 1999, with addendum dated March 20, 2000, prepared, signed and sealed by Mark Fetherman, P.E.

**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.



Jaime M. Eisen, P.E.  
Product Control Examiner  
NOA No. 02-1211.10  
Expiration Date: July 17, 2008  
Approval Date: January 23, 2003

**Jeld-Wen, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

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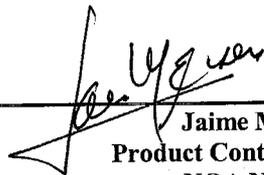
2. Test Report No. ITS-J99006660-001, prepared by Intertek Testing Services NA, Inc., issued to Jeld-Wen Research and Development, dated April 8, 1999, for samples of foam, tested per **ASTM E 84-94** "Standard Test Methods for Surface Burning Characteristics of Building Materials" and **ASTM D 1929-91A** "Standard Test Method for Ignition Properties of Plastics"; signed and sealed by Douglas Keith Tucker, P.E.
3. Test report No. 114884-1 issued by SGS U.S. Testing Co. Inc., dated November 24, 1998 issued to ODL for Filled Polypropylene Lite Frame material per **ASTM D 635-97** "Standard Test Method for Rate of Burning and Time of Burning of Self-Supporting Plastics in a Horizontal Position" signed and sealed by Joseph G. Cappetta, P.E.
4. Test report No. 114884-2 issued by SGS U.S. Testing Co. Inc., dated November 24, 1998 issued to ODL for Filled Polypropylene Lite Frame material per **ASTM D 1929-96** "Standard Method of Test for Ignition Properties of Plastics" signed and sealed by Joseph G. Cappetta, P.E.
5. Test for outdoor exposure in South Florida at 45 degrees for 5 years at Atlas Material Testing Solutions, Miami, Florida, Test Report # ODLI-2, dated November 12, 1998 issued to ODL for their Filled Polypropylene lite frame material.
6. Test Report No. MTS-520490 issued by Celotex Corporation Testing Services, dated December 8, 1999 issued to ODL per **ASTM D638-96a** "Standard Test Method for Tensile Properties of Plastics", corresponding to the 12 months old samples of ODL Filled Polypropylene lite frame material.

**E. STATEMENTS**

1. Statement letter of no change, dated 12/4/02, signed by Steve Strawn.

**E. OTHER**

1. Notice of Acceptance No. **99-1007.01**, issued to Jeld-Wen, Inc., for their DoorCraft "Gladiator" & "Energy Saver" O/S Glazed W/E Residential Ins. Steel Door, approved on 7/17/00 and expiring on 7/17/03.



Jaime M. Eisen, P.E.  
Product Control Examiner  
NOA No. 02-1211.10  
Expiration Date: July 17, 2008  
Approval Date: January 23, 2003

# JELD-WEN® STEEL

GLADIATOR and ENERGY SAVER  
OUTSWING WOODEDGE STEEL DOOR WITH WOOD FRAMES

## GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
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. IMPACT RESISTANT SHUTTERS REQUIRED.
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 DOES MEET THE WATER REQUIREMENTS IN MIAMI-DADE COUNTY.

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

#### Door Leaf Construction:

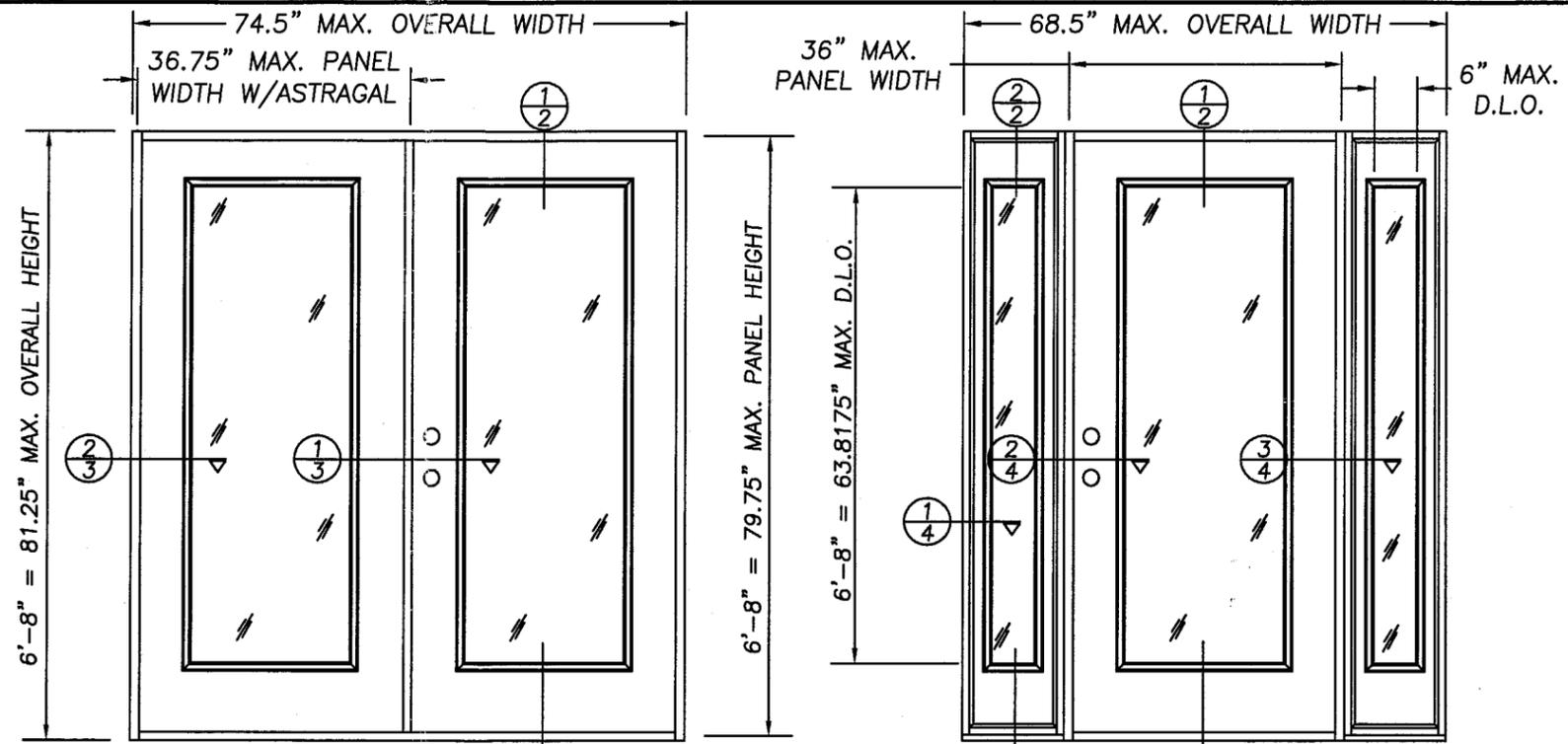
**Face sheets:** 24 ga. (0.021") minimum thickness, 25 ga. (0.018") minimum thickness, galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength  $F_y(\text{ave.})=24,600$  psi.  
**Core design:** Expanded polystyrene with 1.0 to 1.25 lbs. density.

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

**Frame Construction:** The head jambs and side jambs finger jointed pine measuring 4.5625" x 1.25". The head and side jambs are mortised, butted and joined using (3) 7/8" x 2" wire staples. The threshold used is an aluminum outswing bumpface measuring 4.625" x 1".

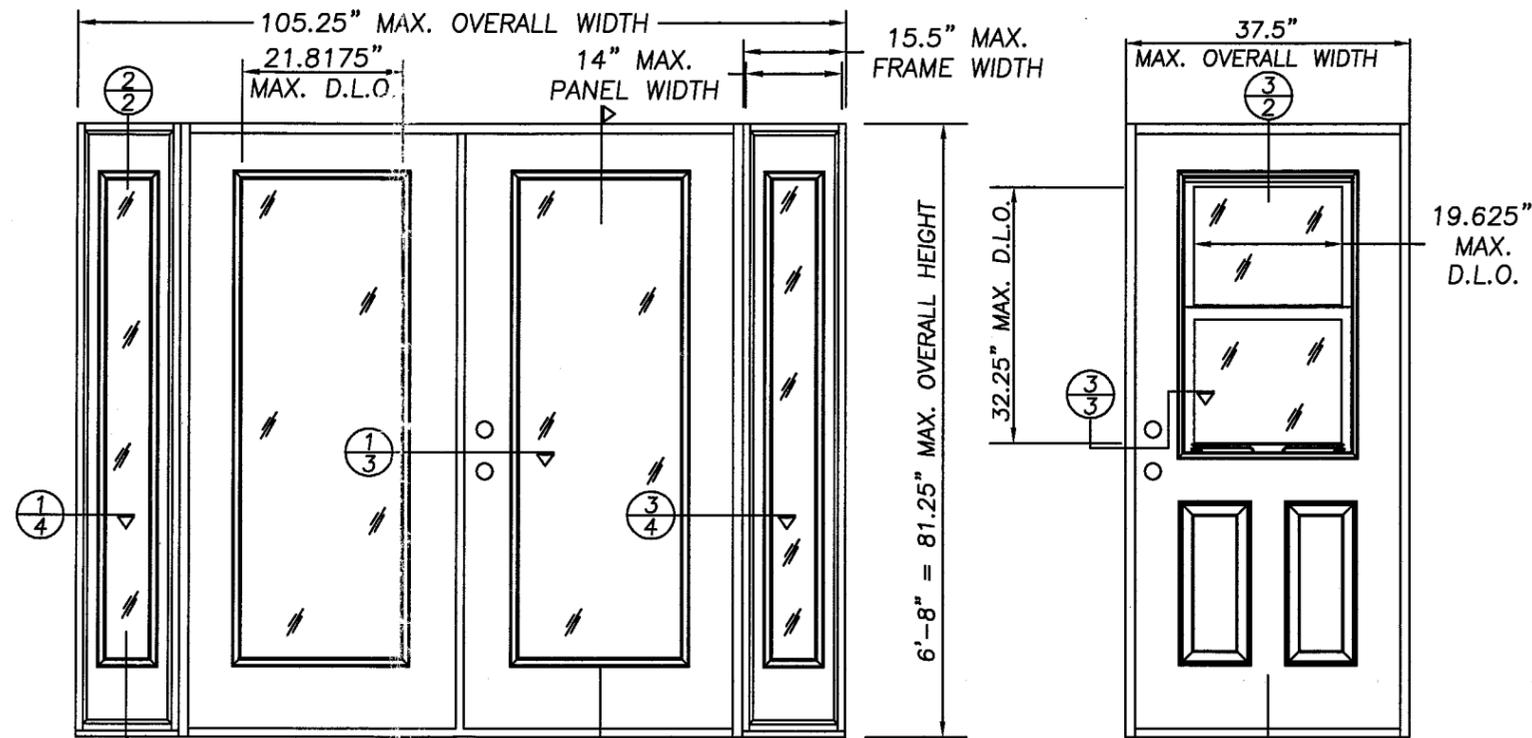
### TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
2	VERTICAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS 1/3, 2/3 & 3/3
4	HORIZONTAL CROSS SECTIONS 1/4, 2/4 & 3/4
5	ANCHORING LOCATIONS
6	ANCHORING LOCATIONS & DOOR MODELS
7	BILL OF MATERIALS & GLAZING DETAILS



DOUBLE DOOR ELEVATION

SINGLE DOOR W/SIDELITES ELEVATION



DOUBLE DOOR W/SIDELITES ELEVATION

SINGLE DOOR ELEVATION

GLAZED DOOR SHOWN FOR CLARITY OF VIEW (VIEWED INTERIOR)

DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+ 50.0 PSF
NEGATIVE	- 46.0 PSF

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No 02-1211-10  
Expiration Date 02/13/08  
By *[Signature]*  
Miami Dade Product Control Division

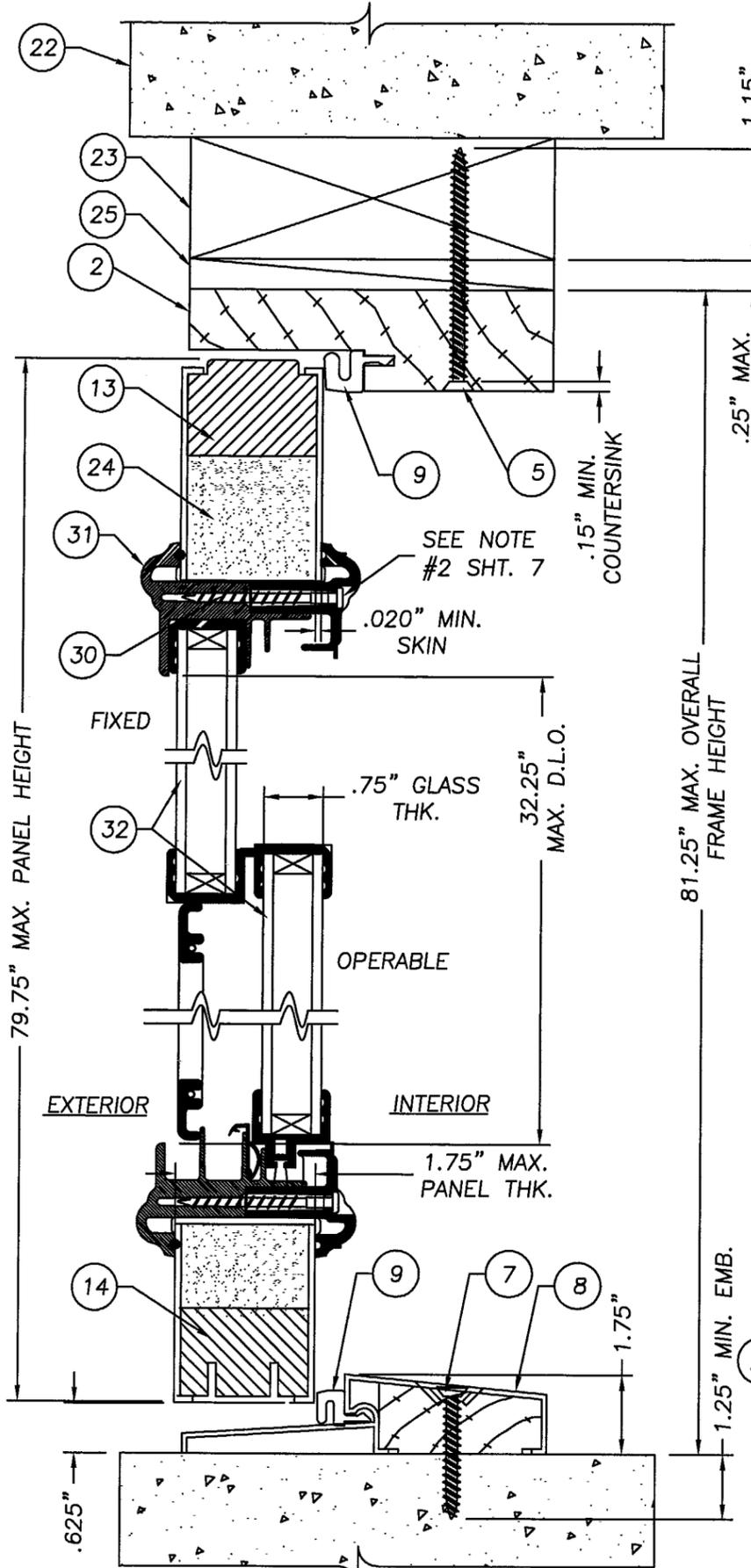
DATE: 12/01/99  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2004  
SHEET 1 OF 7

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

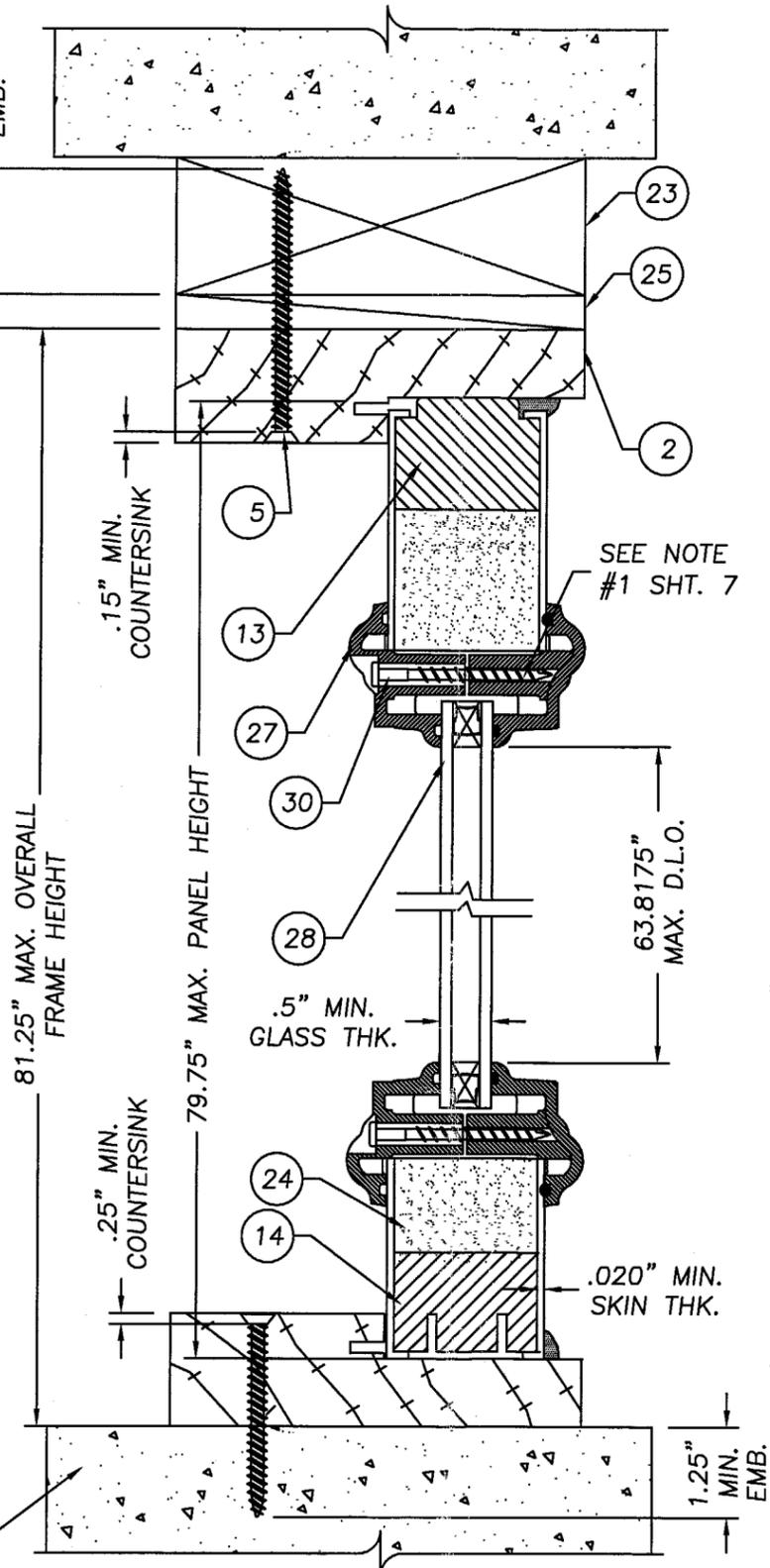
PRODUCT: JELD-WEN STEEL OUTSWING WOODEDGE DOOR DOUBLE AND SINGLE UNIT  
PART OR ASSEMBLY: W/AND W/OUT SIDELITES GLAZED ELEVATIONS

NO.	DATE	REVISIONS
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1	6/29/00	GENERAL REVISION TJH

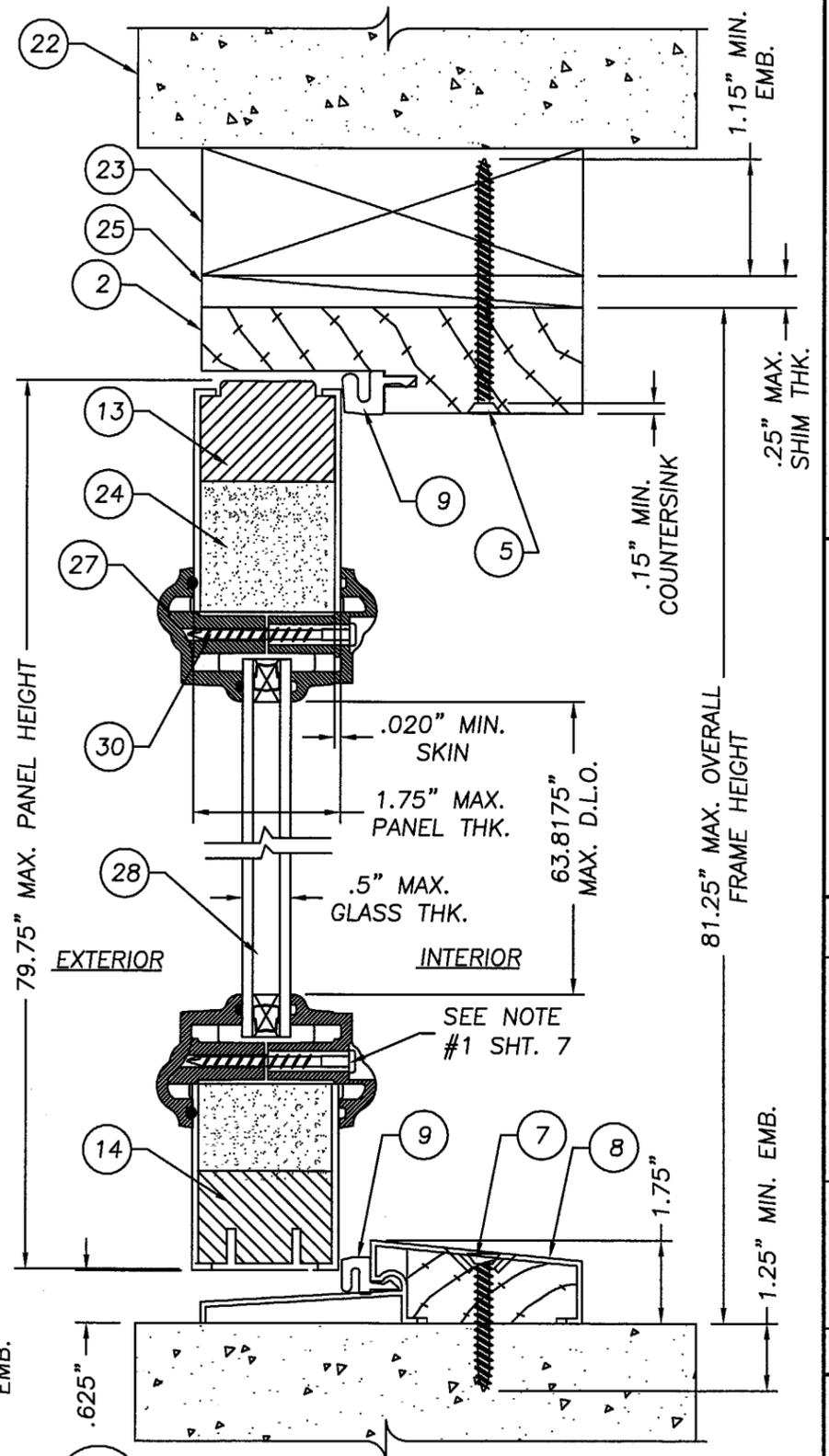
**RW** BUILDING CONSULTANTS, INC.  
813.684.3831



3  
2 VERTICAL CROSS-SECTION



2  
2 VERTICAL CROSS-SECTION



1  
2 VERTICAL CROSS-SECTION

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

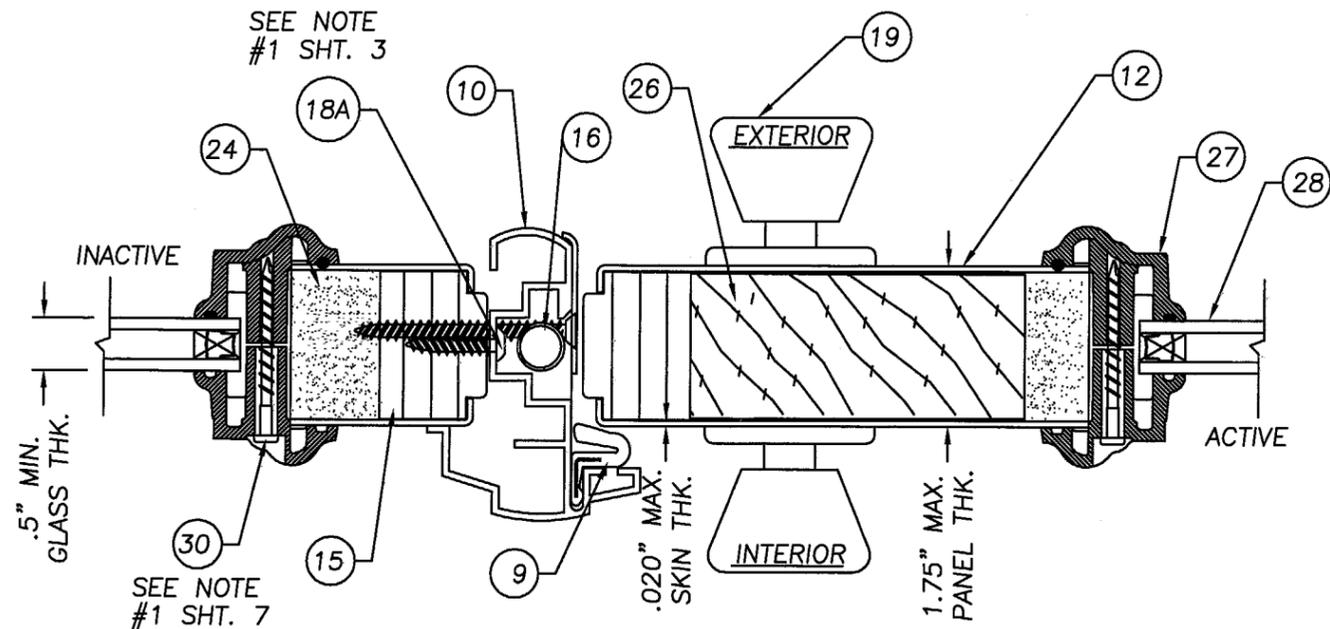
PRODUCT:  
JELD-WEN STEEL  
OUTSWING WOODGE DOOR  
DOUBLE AND SINGLE UNIT  
PART OR ASSEMBLY:  
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
3	11/08/02	GENERAL REVISION	KMN
2	6/28/00	GENERAL REVISION	TJH
1	6/27/00	GENERAL REVISION	TJH

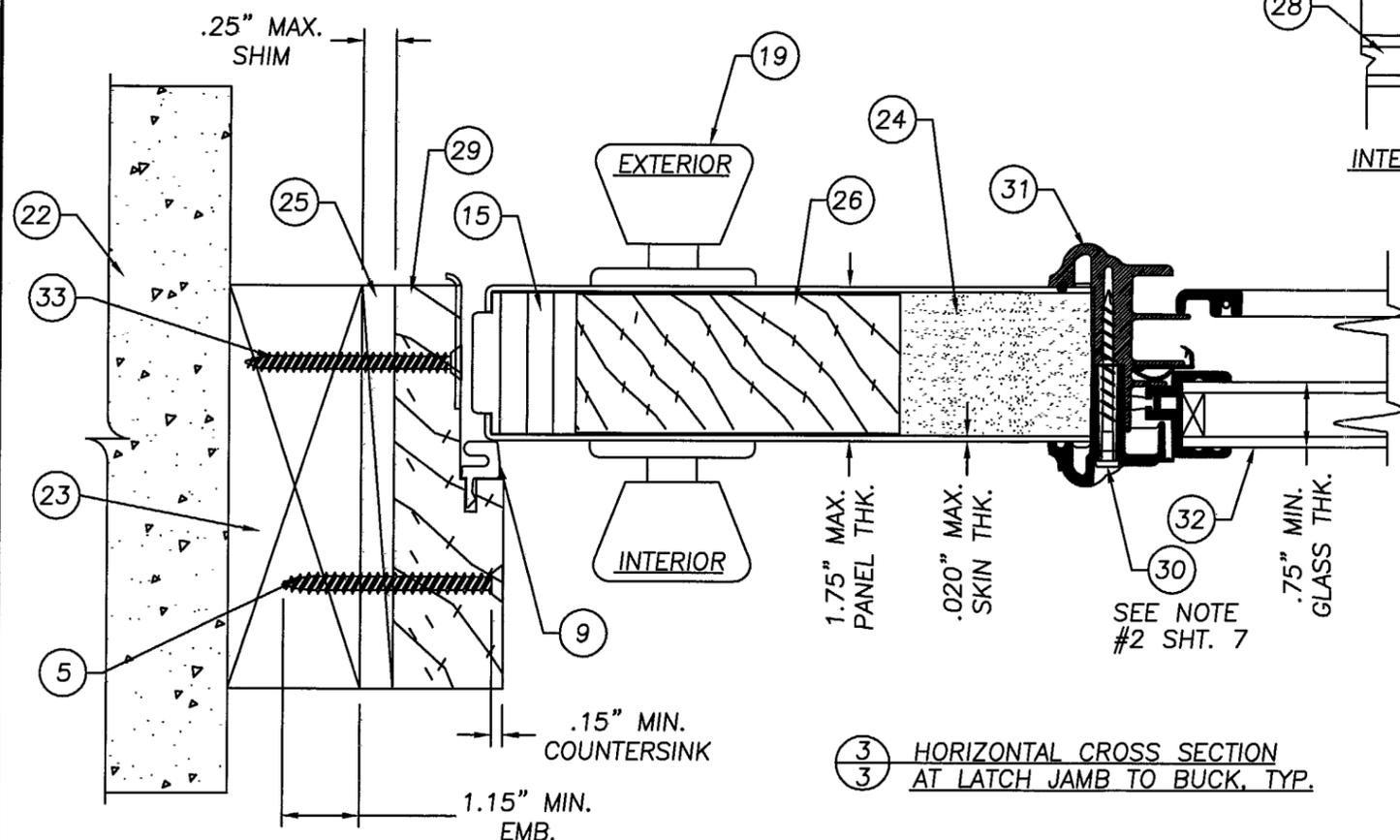
**RW** BUILDING  
CONSULTANTS, INC.  
813.684.3831

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 02-1211.10  
Expiration Date 03/17/08  
By *[Signature]*  
Miami Dade Product Control  
Division

DATE: 12/01/99  
SCALE: 1/2" = 1"  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.:  
S-2004  
SHEET 2 OF 7



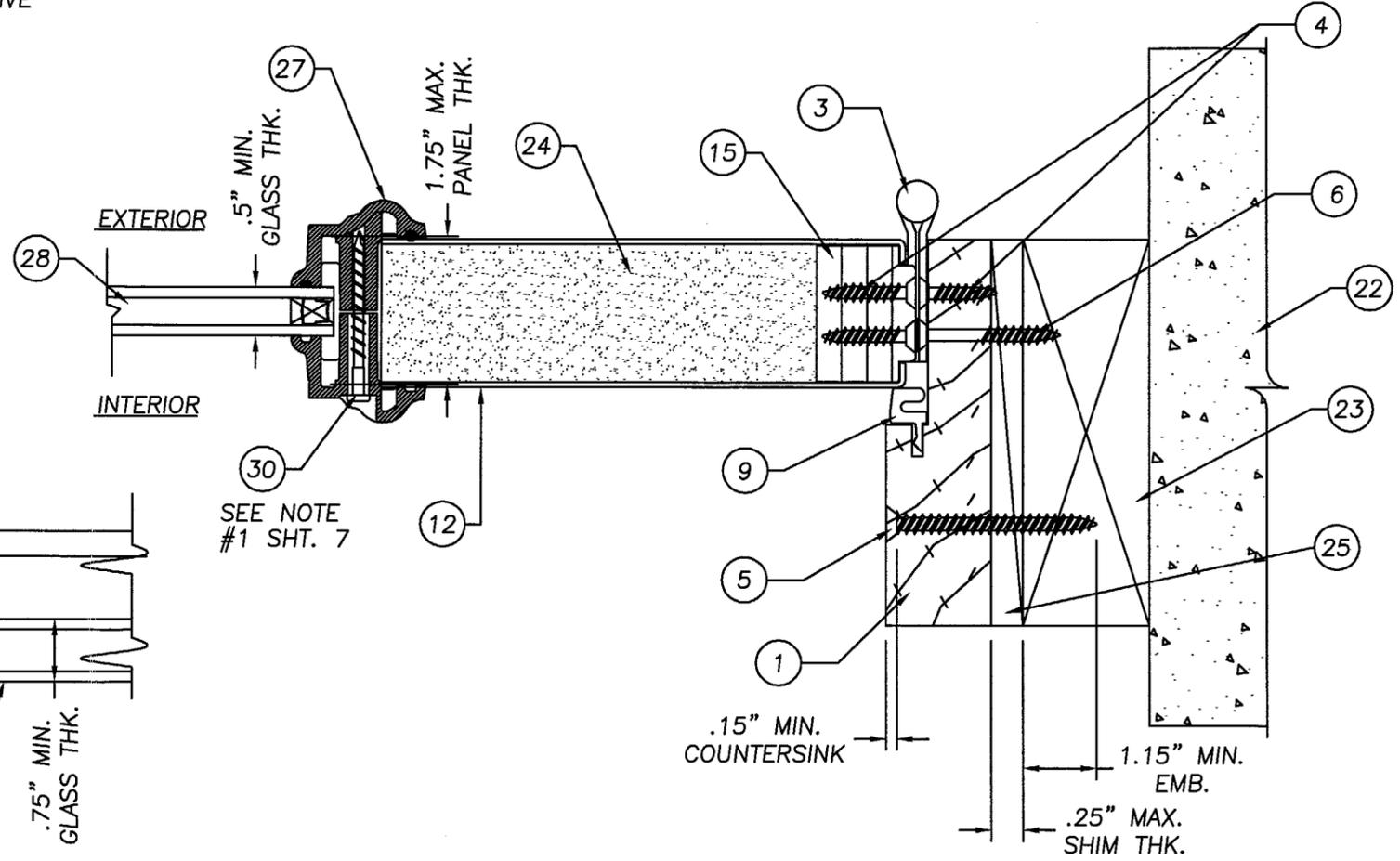
1/3 HORIZONTAL CROSS SECTION AT ASTRAGAL, TYP.



3/3 HORIZONTAL CROSS SECTION AT LATCH JAMB TO BUCK, TYP.

NOTES:

1. SPACING FOR #18A IS AS FOLLOWS: FROM TOP DOWN 1", 2 1/2", 4", 5 1/2", 13", 18" & 26". SPACING FROM THE BOTTOM UP IS THE SAME.
2. ATTACH THE STRIKE PLATE AND THE DEADBOLT PLATE TO THE ASTRAGAL USING A #8 x 2" LG. PHILLIPS FLATHEAD SCREW.



2/3 HORIZONTAL CROSS SECTION AT HINGE JAMB TO BUCK, TYP.

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

NO.	DATE	REVISIONS	BY
2	11/08/02	GENERAL REVISION	KMN
1	6/29/00	GENERAL REVISION	TJH

PRODUCT:  
JELD-WEN STEEL  
OUTSWING WOODEDGE DOOR  
DOUBLE & SINGLE UNIT

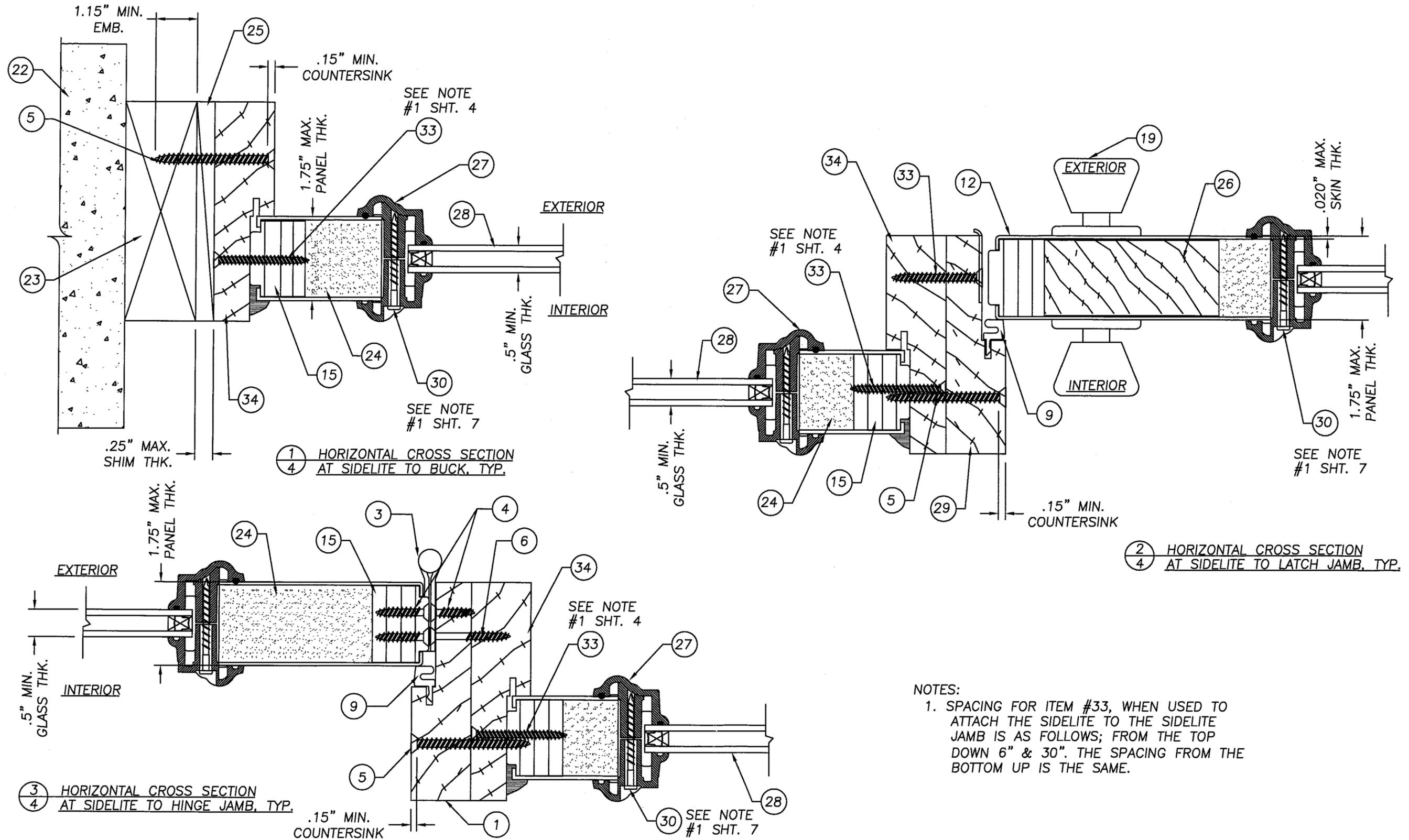
PART OR ASSEMBLY:  
HORIZONTAL CROSSSECTIONS  
1/3, 2/3 & 3/3

**RW**  
BUILDING  
CONSULTANTS,  
INC.  
813.684.3831

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 02-1211.10  
Expiration Date 02/13/08

By *[Signature]*  
Miami Door Product Control  
Division

DATE: 12/01/99  
SCALE: 1/2" = 1"  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.:  
S-2004  
SHEET 3 OF 7



NOTES:  
 1. SPACING FOR ITEM #33, WHEN USED TO ATTACH THE SIDELITE TO THE SIDELITE JAMB IS AS FOLLOWS; FROM THE TOP DOWN 6" & 30". THE SPACING FROM THE BOTTOM UP IS THE SAME.

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

NO.	DATE	REVISIONS	BY
2	11/08/02	GENERAL REVISION	KMN
1	6/29/00	GENERAL REVISION	TJH

PRODUCT:  
 JELD-WEN STEEL  
 OUTSWING WOODEDGE DOOR  
 DOUBLE & SINGLE UNIT

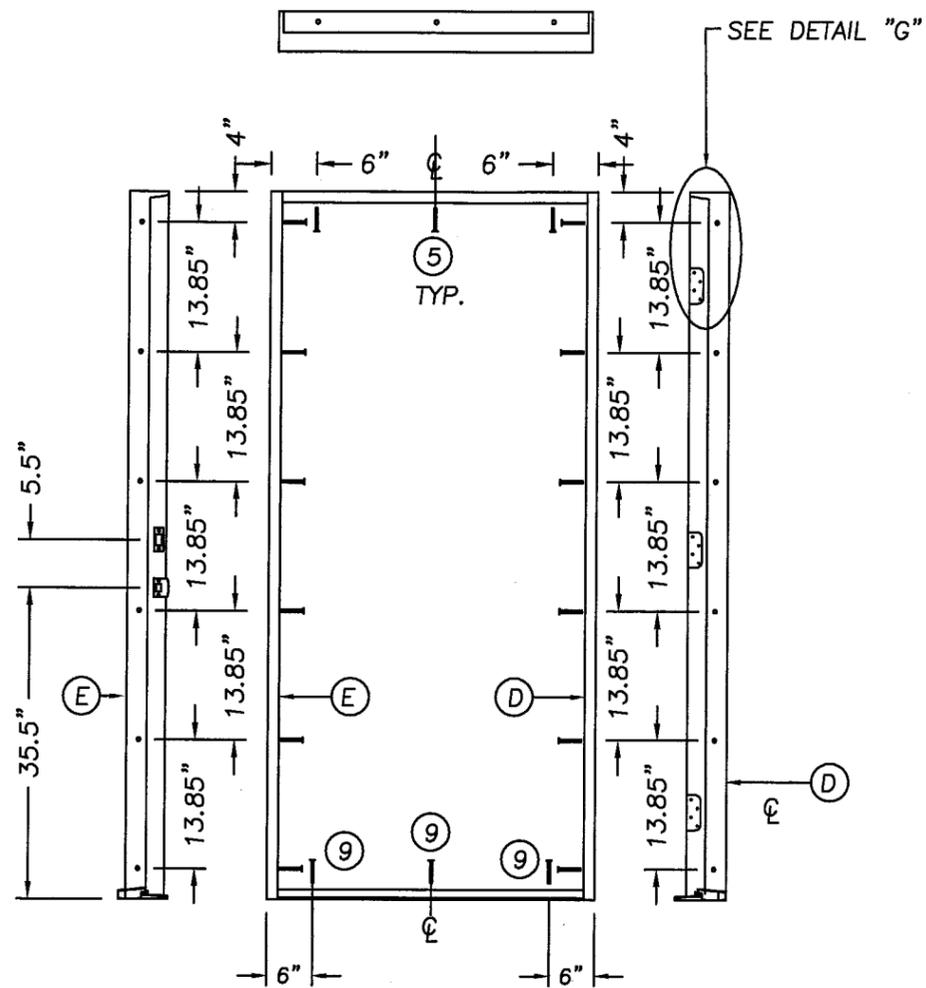
PART OR ASSEMBLY:  
 HORIZONTAL CROSSSECTIONS  
 1/4, 2/4 & 3/4



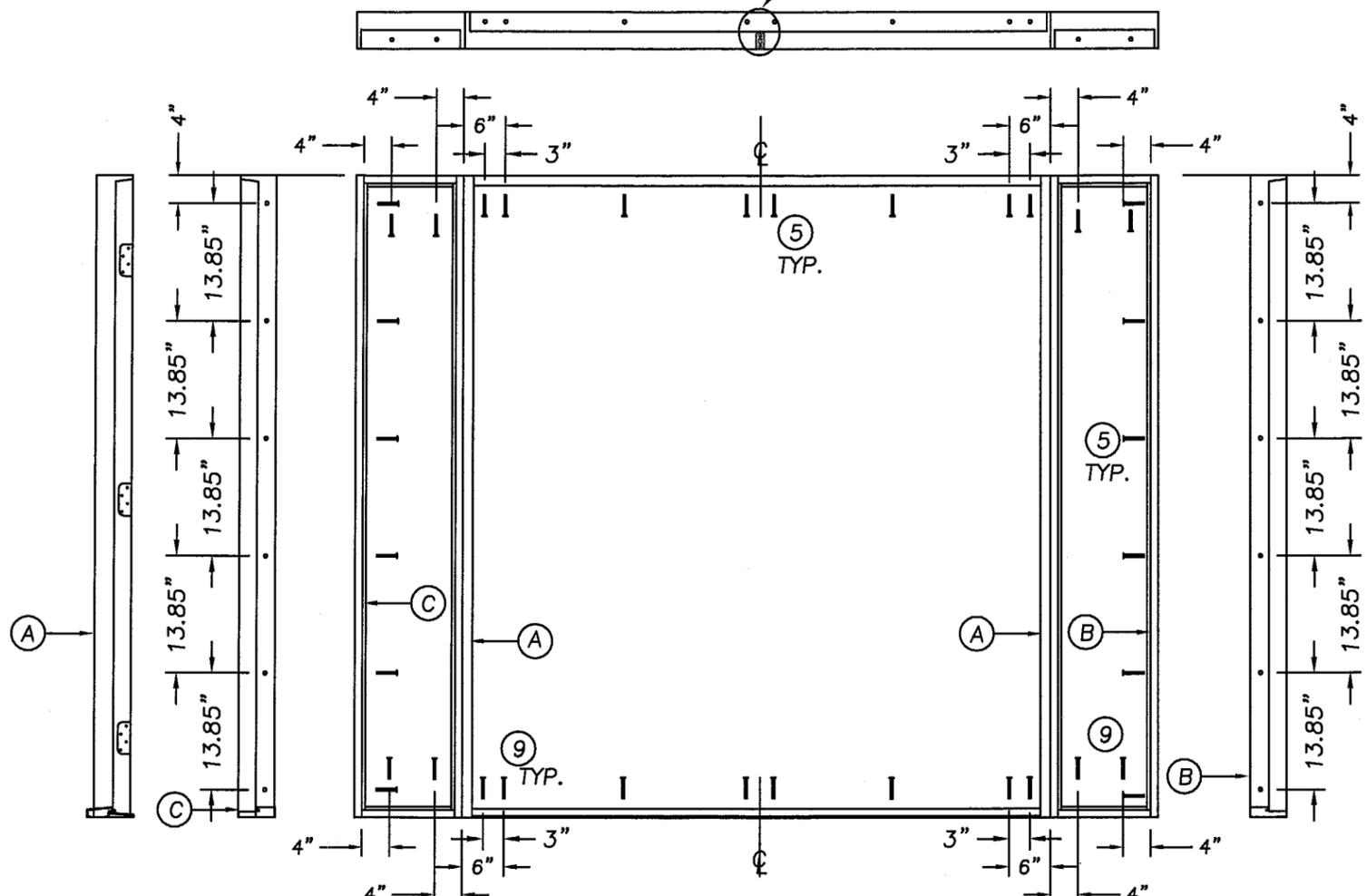
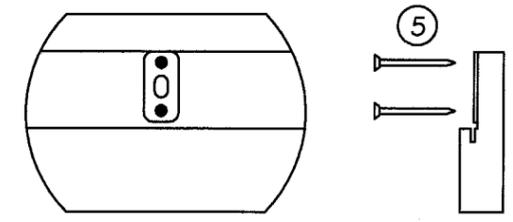
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 02-1211-10  
 Expiration Date 02/13/08

By *[Signature]*  
 Miami Door Product Control  
 Division

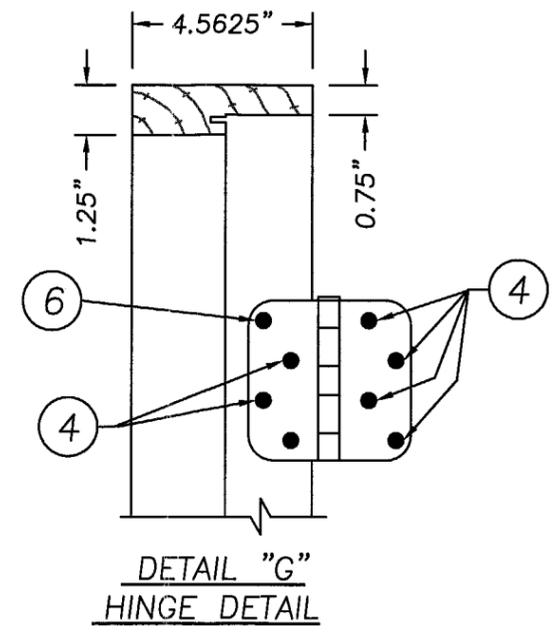
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 SCALE: 1/2" = 1"  
 DWG. BY: TJH  
 CHK. BY: RW  
 DRAWING NO.: S-2004  
 SHEET 4 OF 7



SINGLE DOOR ANCHORING LOCATIONS



DOUBLE DOOR W/SIDELITES ANCHORING LOCATIONS



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

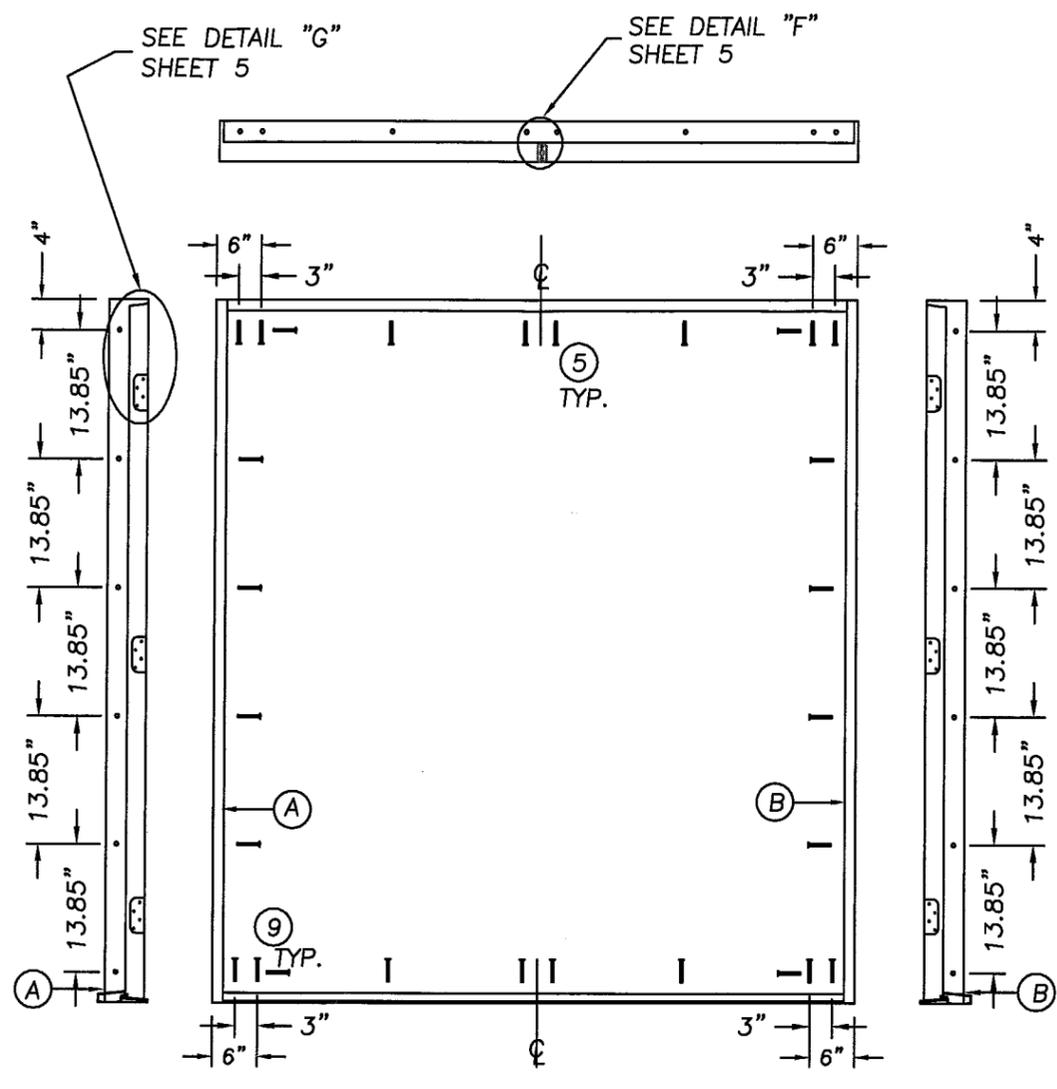
PRODUCT: JELD-WEN STEEL  
OUTSWING WOODEDGE DOOR  
DOUBLE AND SINGLE UNIT  
PART OR ASSEMBLY:  
ANCHORING LOCATIONS

NO.	DATE	REVISIONS
2	11/08/02	GENERAL REVISION KMN
1	6/29/00	GENERAL REVISION TJH
		BY

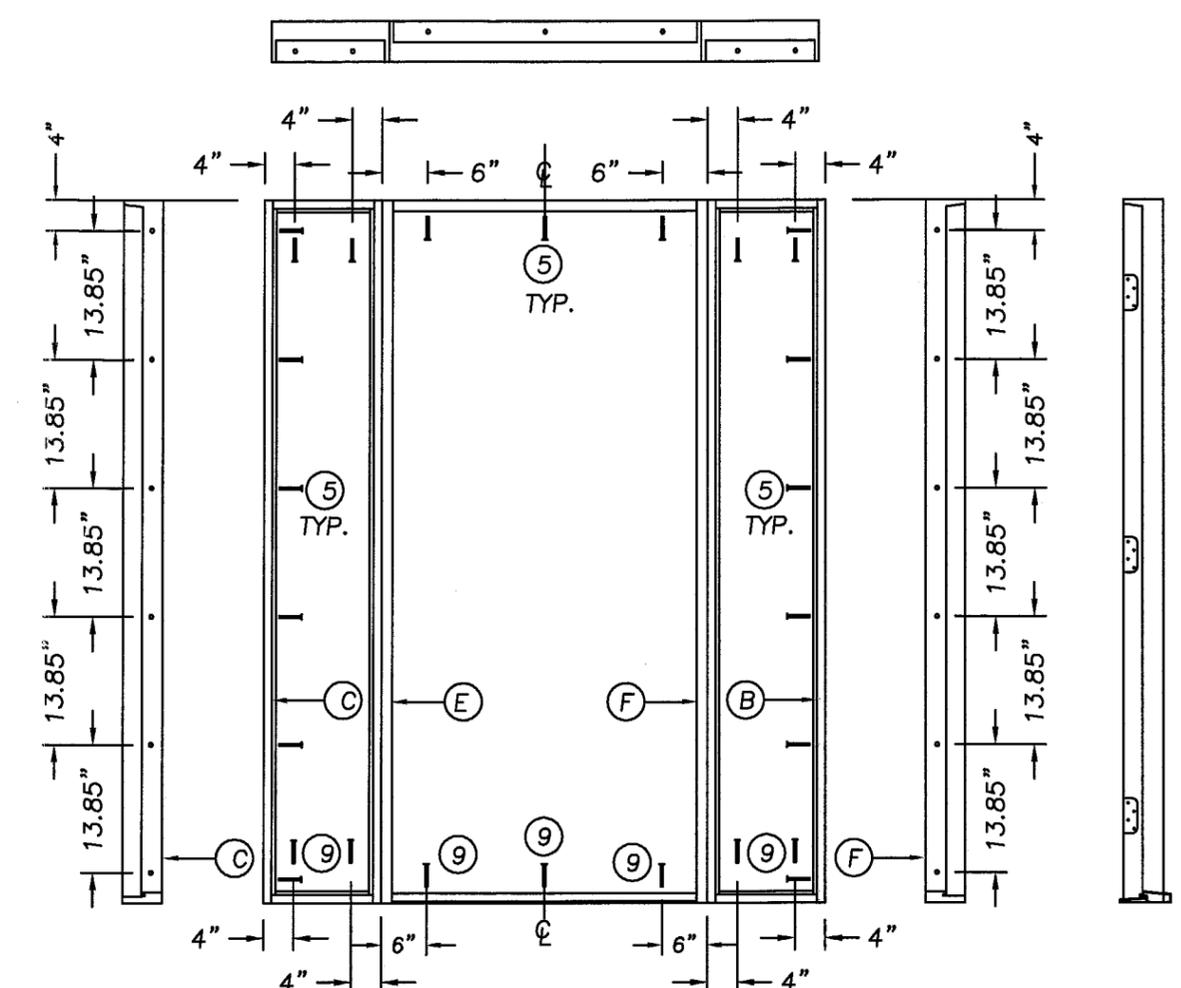
RW BUILDING  
CONSULTANTS, INC.  
813.684.3831

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 02-1211.10  
Expiration Date 02/13/08  
By: [Signature]  
Miami Design Product Control  
Division

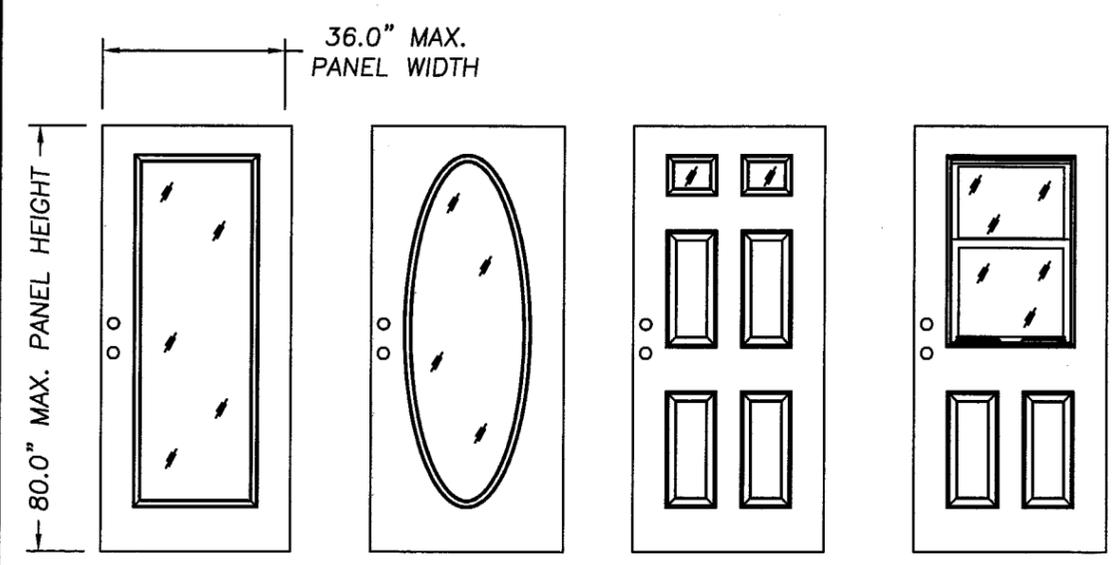
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DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2004  
SHEET 5 OF 7



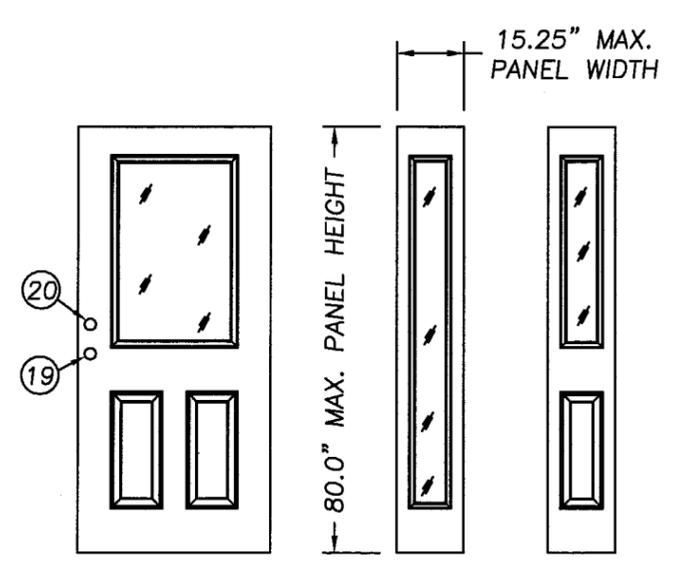
DOUBLE DOOR ANCHORING LOCATIONS



SINGLE DOOR W/SIDELITES ANCHORING LAYOUT



GLAZED DOOR MODELS



SIDELITE MODELS

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

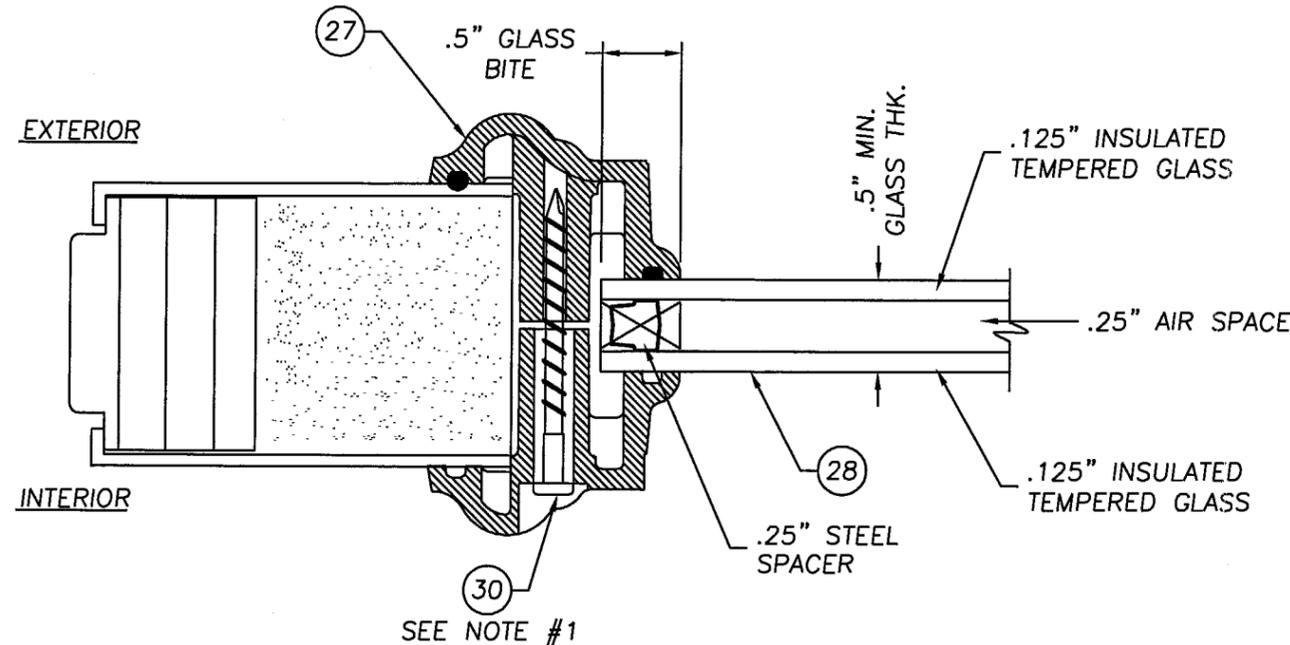
PRODUCT: JELD-WEN STEEL  
 OUTSWING WOODGE DOOR  
 DOUBLE AND SINGLE UNIT  
 PART OR ASSEMBLY:  
 ANCHORING LOCATIONS  
 AND DOOR MODELS

NO.	DATE	REVISIONS
2	11/08/02	GENERAL REVISION KMN
1	6/29/00	GENERAL REVISION TJH
		BY

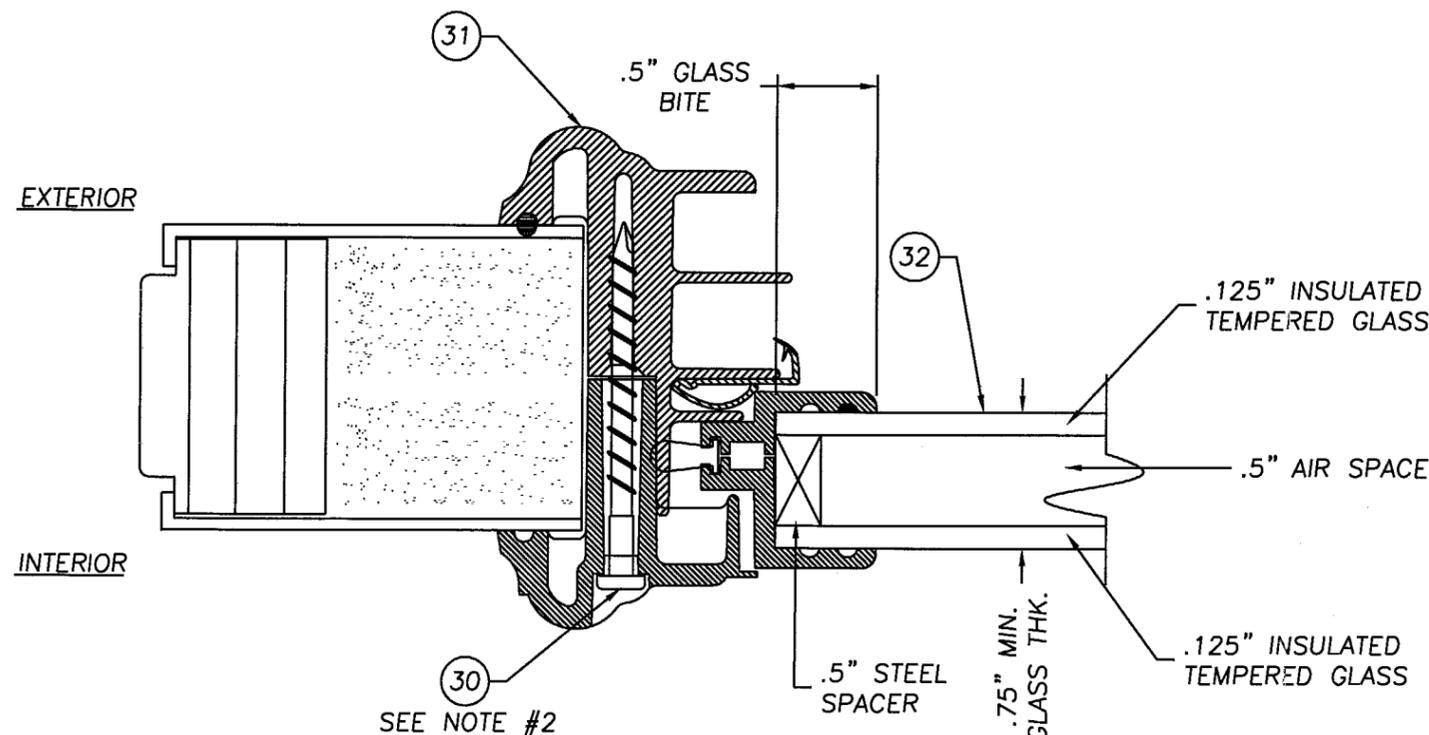
**RW** BUILDING  
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 813.684.3831

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 Acceptance No 02-1211-10  
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 Miami Design Product Control  
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 SCALE: N.T.S.  
 DWG. BY: TJH  
 CHK. BY: RW  
 DRAWING NO.: S-2004  
 SHEET 6 OF 7



GLAZING DETAIL  
FULL LITE & SIDELITE



GLAZING DETAIL  
VENT LITE

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
3	4" x 4" BUTT HINGE 12GA. (.097" MIN)	STEEL
4	#9 x 1" PHILLIPS FLATHEAD WOOD SCREW (HINGE TO FRAME)	STEEL
5	#8 x 2 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
6	#10 x 2" PHILLIPS FLATHEAD WOOD SCREW (HINGE TO BUCK)	STEEL
7	1/4" TAPCON x 2 1/8" FOR DOORS & 2 1/2" FOR SIDELITES	STEEL
7A	ITW BUILDDEX TAPCON (NOA # 96-1226.03) OR	STEEL
7B	ELCO TAPCON (NOA # 97-0731.15)	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. (GALVANIZED .021" MIN.) FACE SHEET 25GA. (GALVANIZED .018" MIN.)	GALV. STEEL
13	TOP RAIL (1.67" x 1.042")	WOOD
14	BOTTOM RAIL (1.67" x 1.065")	WOOD
15	SIDE STILE (1.067" x 1.065")	WOOD
16	ASTRAGAL THROW BOLT ø.31" x 19.25 L.	STEEL
17	#8 x 1/2" L. TYPE "AB" PANHEAD SMS	STEEL
18	ASTRAGAL REINFORCEMENT PLATE LOCATED TOP & BOTTOM OF ASTRAGAL, ATTACHED/W	WOOD
18A	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	DYLITE EXPANDED POLYSTYRENE (1.0 TO 1.25 lbs./cu. ft. MIN. DENSITY)	
25	1/4" MAX. SHIMS	WOOD
26	WOOD LOCK REINFORCEMENT	WOOD
27	FULL LITE & SIDELITE FRAME ODL POLY PROPOLENE	
28	1/2" OVERALL 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	VENT LITE FRAME ODL POLY PROPOLENE	
32	3/4" OVERALL INSULATED TEMPERED GLASS (VENT LITE PANELS)	GLASS
33	#8 x 2 PHILLIPS FLATHEAD WOOD SCREW	STEEL
34	BLANK JAMB (1 1/4" x 4 1/12")	WOOD

NOTES:

- SPACING FOR ITEM #30 (#8 x 1 1/2" TEK SCREW) IS AS FOLLOWS FOR SIDELITES & FULL LITES: TOP & BOTTOM; SIDELITE (2) SCREWS 2" IN FROM EACH CORNER. FULL LITES (3) SCREWS 3" IN FROM EACH CORNER, & (1) IN THE CENTER. SIDES FOR BOTH; (6) SCREWS 3.25", 13.75", 26.5", 39.375", 52.0" AND 62.625".
- SPACING FOR ITEM #30 (#8 x 1 1/2" TEK SCREW) IS AS FOLLOWS FOR THE VENT LITE: TOP & BOTTOM 2.5" IN FROM THE CORNERS & (1) IN THE CENTER. SIDES; 3.25" FROM TOP CORNER & (3) MORE AT 10.375".

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

PRODUCT: JELD-WEN STEEL  
OUTSWING WOODEDGE DOOR  
DOUBLE AND SINGLE UNIT  
PART OR ASSEMBLY:  
BILL OF MATERIALS  
& GLAZING DETAILS

NO.	DATE	BY	REVISIONS
2	11/08/02	KMN	GENERAL REVISION
1	6/29/00	TJH	GENERAL REVISION

**RW** BUILDING  
CONSULTANTS, INC.  
813.684.3831

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 02-1211-10  
Expiration Date 02/13/08  
By *[Signature]*  
Miami Door Product Control  
Division

DATE: 12/01/99  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.:  
S-2004  
SHEET 7 OF 7