



**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)

www.buildingcodeonline.com

**Jeld-Wen, Inc. (OR)
3737 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 "Direct Set" Aluminum Clad Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. JELD0029, titled "Direct Set Fixed Aluminum Clad Wood Windows", sheets 1 through 6 of 6, dated 05/25/06 w/rev. C dated 4/4/07, prepared by PTC, LLC, signed and sealed by Eric S. Nielsen, 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: **BEND WINDOW DIVISION, 62845 Boyd Acres Rd., Bend, OR 97708** 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 # 06-0713.01 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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



**NOA No. 07-0411.13
Expiration Date: February 26, 2011
Approval Date: June 14, 2007
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

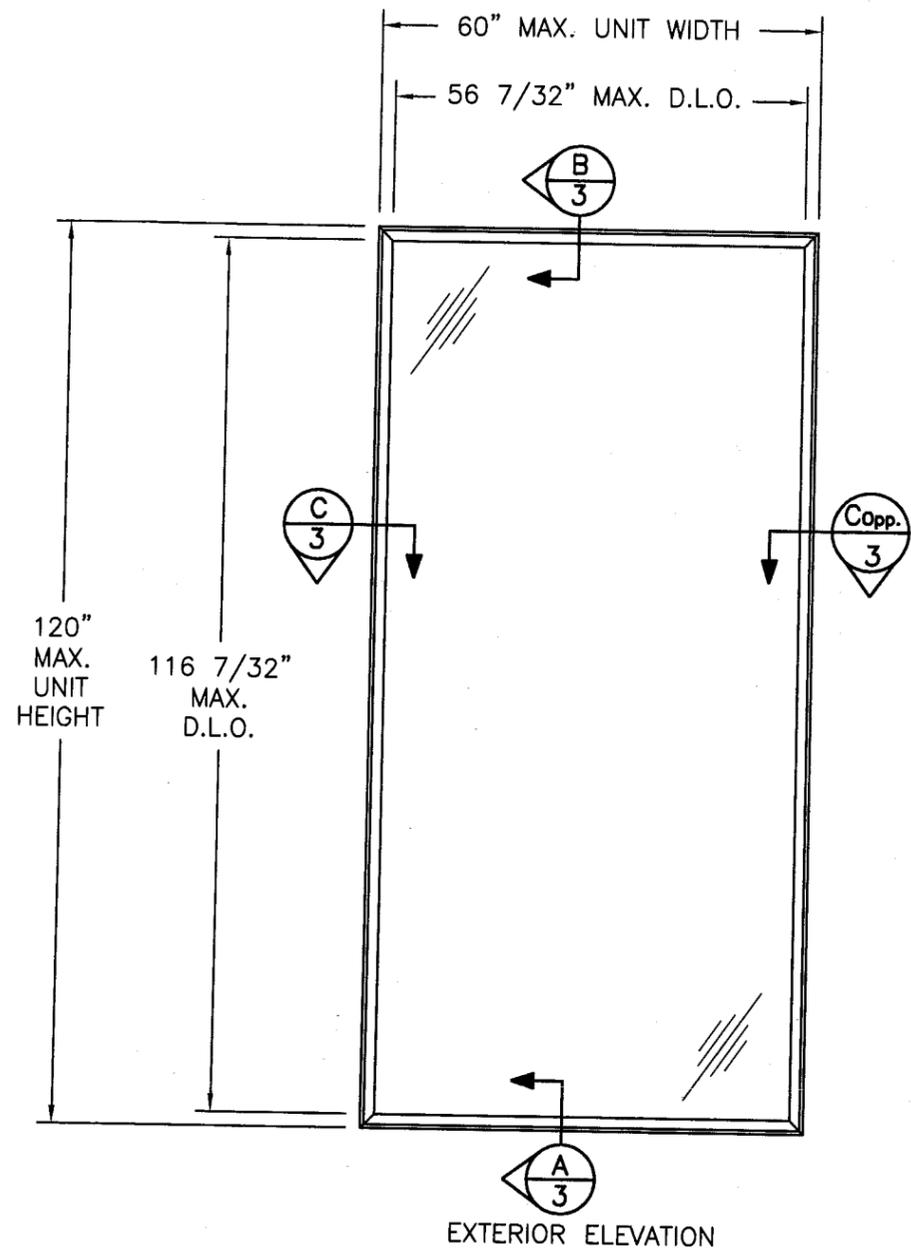
1. Manufacturer's die drawings and sections.
2. Drawing No **JELD0029**, Sheets 1 through 6 of 6, titled "Direct Set Fixed Aluminum Clad Wood Windows", dated 05/25/06, with revision C dated 04/04/07, prepared by PTC-LLC, signed and sealed by Eric S. Nielsen, P.E.

B. TESTS

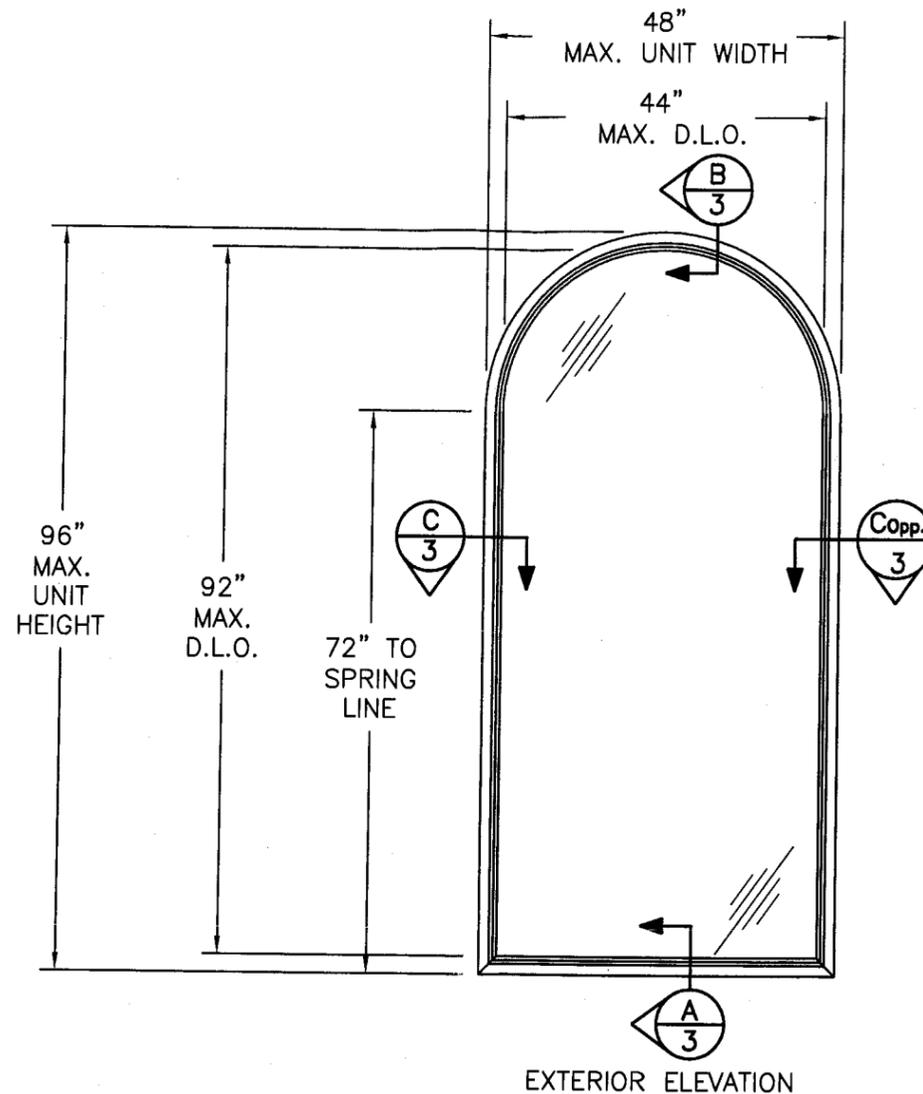
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum clad wood fixed window, prepared by Architectural Testing, Inc., Test Report No. **ATI-61973.01-301-18**, dated 04/26/06, signed and sealed by Joseph A. Reed, P.E.
2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum clad wood fixed window, prepared by Architectural Testing, Inc., Test Report No. **ATI-62248.01-301-18**, dated 04/26/06, signed and sealed by Joseph A. Reed, P.E.
3. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
3) Water Resistance 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
along with marked-up drawings and installation diagram of an aluminum clad wood fixed window, prepared by Architectural Testing, Inc., Test Report No. **ATI-03-31488.02**, dated 8/26/02, signed and sealed by Steven Urich, P.E. (*Submitted under NOA#03-0210.06*)
4. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
3) Water Resistance 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
along with marked-up drawings and installation diagram of an aluminum clad wood fixed window, prepared by Architectural Testing, Inc., Test Report No. **ATI-03-31488.04**, dated 8/27/02, signed and sealed by Steven Urich, P.E. (*Submitted under NOA#03-0210.06*)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 07-0411.13

Expiration Date: February 26, 2011
Approval Date: June 14, 2007



EXTERIOR ELEVATION



EXTERIOR ELEVATION

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2004 FLORIDA BUILDING CODE (2005 AND 2006 SUPPLEMENTAL).
2. WOOD BUCK OR STUD FRAMING BY OTHERS MUST BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OF RECORD.
3. PRODUCTS ARE APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANCE IS REQUIRED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
4. SEE CHART IN THIS PAGE FOR DESIGN PRESSURE RATINGS.

DESIGN PRESSURE RATING

GLASS TYPE	OVERALL SIZE (IN)	MAX AREA (SQ FT)	DESIGN PRESSURE (PSF)	IMPACT RATING
1/4" HS -.090 SGP - 1/4" HS	UP TO 60" x 120"	50.0	±50.0	LARGE & SMALL MISSILE
1/4" ANN -.090 SGP - 1/4" ANN	UP TO 48" x 96"	32.0	±65.0	LARGE & SMALL MISSILE
1/4" ANN -.090 SGP - 1/4" ANN	UP TO 48" x 60"	20.0	±75.0	LARGE & SMALL MISSILE
3/16" ANN -.090 SGP - 3/16" ANN	UP TO 36" x 60"	15.0	±75.0	LARGE & SMALL MISSILE

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 07-0411.13
 Expiration Date FEB. 26, 2011
 By *Michael Perez*
 Miami Dade Product Control
 Division

SYM	REVISION	DATE	BY
C	REVISION PER CUSTOMER REQUEST	04/04/07	TK
B	CHANGES WERE MADE TO O.A. DIM. OF RADIUS TOP	6/23/06	DO
A	Changed customers address	07/11/06	DRL

ESN
 4/5/07
 Eric S. Nielsen
 P.E. No. 41323
 PTC, LLC
 1535 Cogswell Street, suite C25
 Rockledge, Florida 32955
 FBPE Certificate of Authorization NO. 25935

JELD-WEN WINDOWS AND DOORS

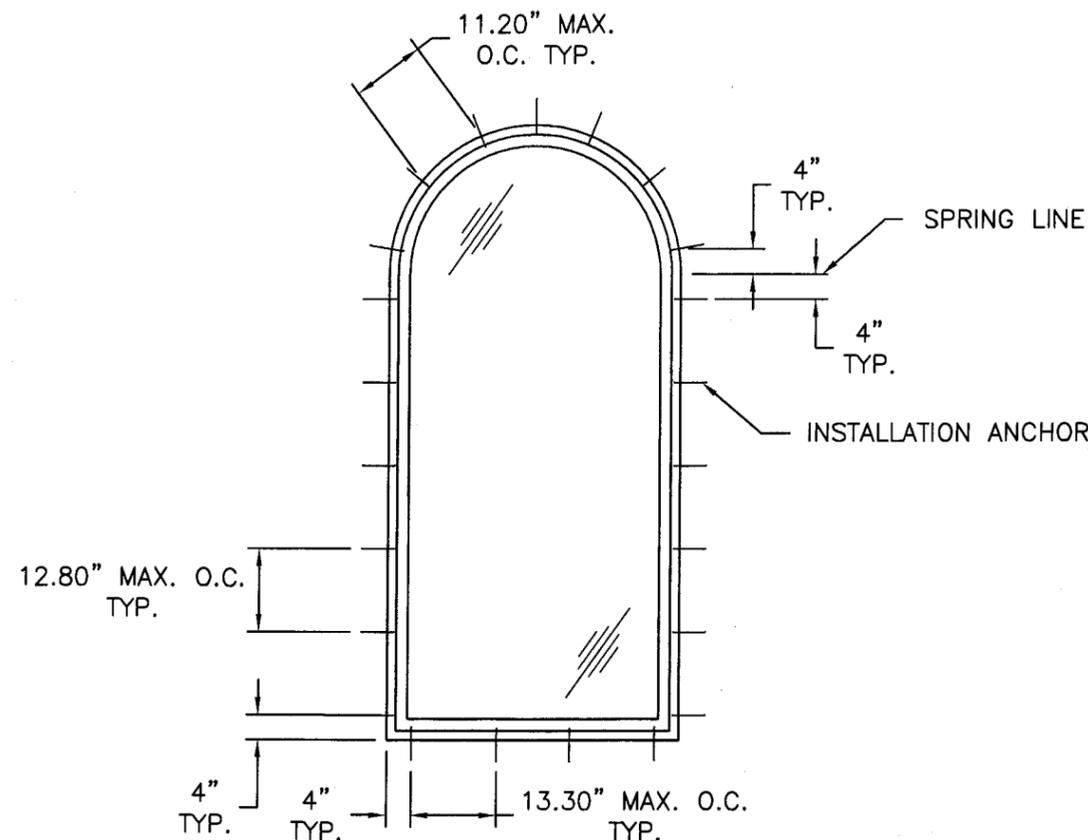
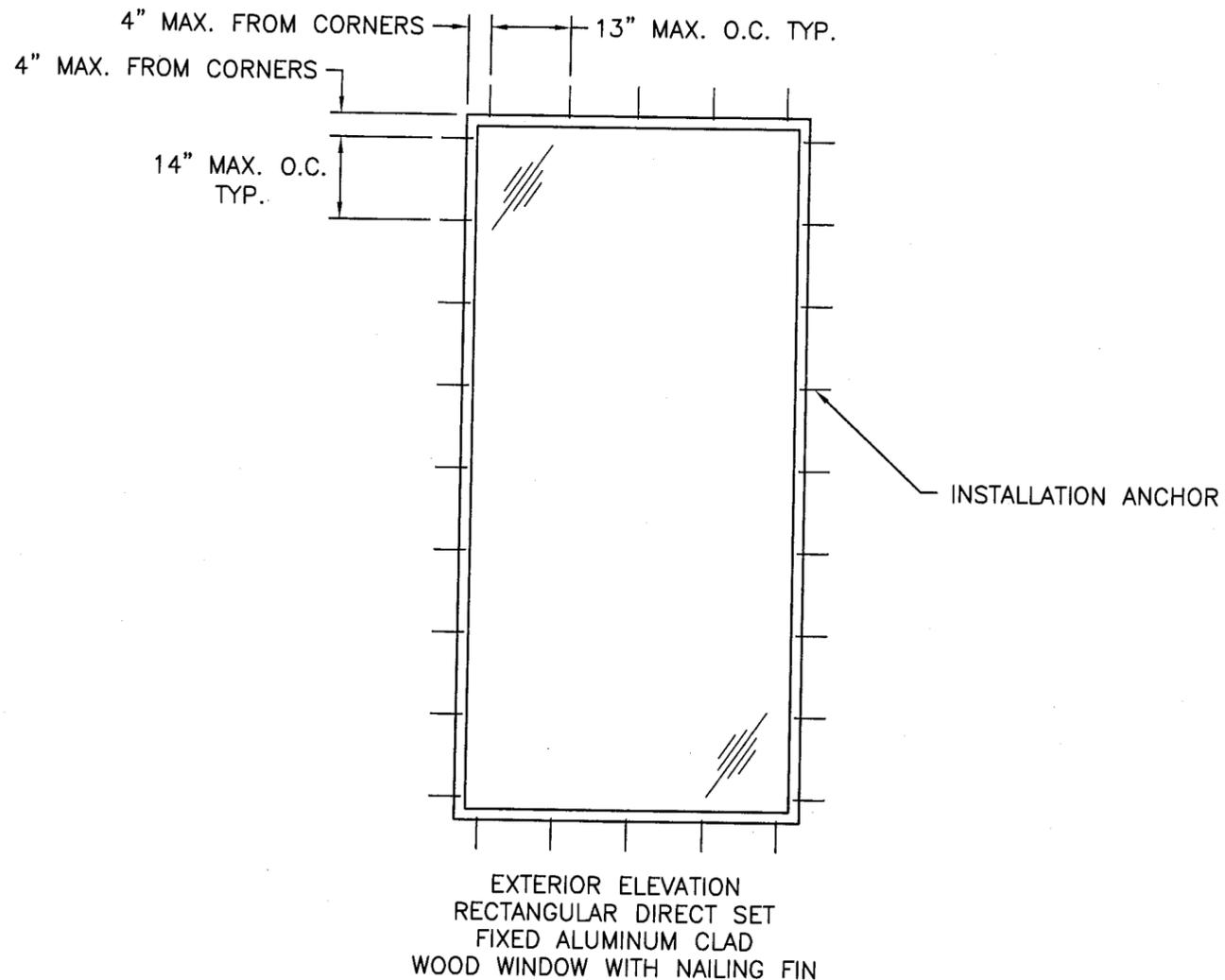
BEND WINDOW DIVISION; 62845 BOYD ACRES RD.; BEND, OR 97708

TITLE: DIRECT SET FIXED ALUMINUM CLAD WOOD WINDOWS

ELEVATIONS AND GENERAL NOTES

PREPARED BY: PTC PTC, LLC	DRN: DRL	DATE: 05/25/06
SCALE: N.T.S.	DWG. NO.: JELD0029	
REV: B	SHEET: 1 OF 6	

Phone 321.690.1788 Fax 321.690.1789



ANCHORING NOTES:

- 1) FOR RECTANGULAR UNITS LOCATE ANCHORS AT SHORT SIDE 4" MAX. FROM EACH CORNER AND 13" MAX. O.C. THEREAFTER. AT LONG SIDE 4" MAX. FROM EACH CORNER AND 14" MAX. O.C. THEREAFTER.
- 2) FOR GEOMETRIC UNITS LOCATE ANCHORS 4" MAX. FROM EACH CORNER AND 12" MAX. O.C. THEREAFTER.
- 3) FOR RADIUS UNITS LOCATE ANCHORS AT SILL 4" MAX. FROM EACH CORNER AND 13.3" MAX. O.C. THEREAFTER. AT LONG SIDE 4" MAX. FROM EACH CORNER AND 12.8" MAX. O.C. THEREAFTER. AT RADIUS 4" MAX. FROM EACH CORNER AND 11.20" MAX. O.C.
- 5) FOR OVAL AND CIRCULAR UNITS LOCATE ANCHORS AT 12" MAX. O.C.
- 6) FOR NAILING FLANGES 4" MAX FROM EACH CORNER AND 16" MAX. O.C. THEREAFTER. ANCHORS THRU JAMBS ARE REQUIRED AND MUST BE INSTALLED REGARDLESS OF NAILING FLANGES.
- 6) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 7) FOR ANCHORING INTO WOOD FRAMING USE #10 WOOD SCREWS, OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO WOOD FRAMING.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 07-0411.13
 Expiration Date FEB 26, 2011
 By Manuel Perez
 Miami/Dade Product Control
 Division

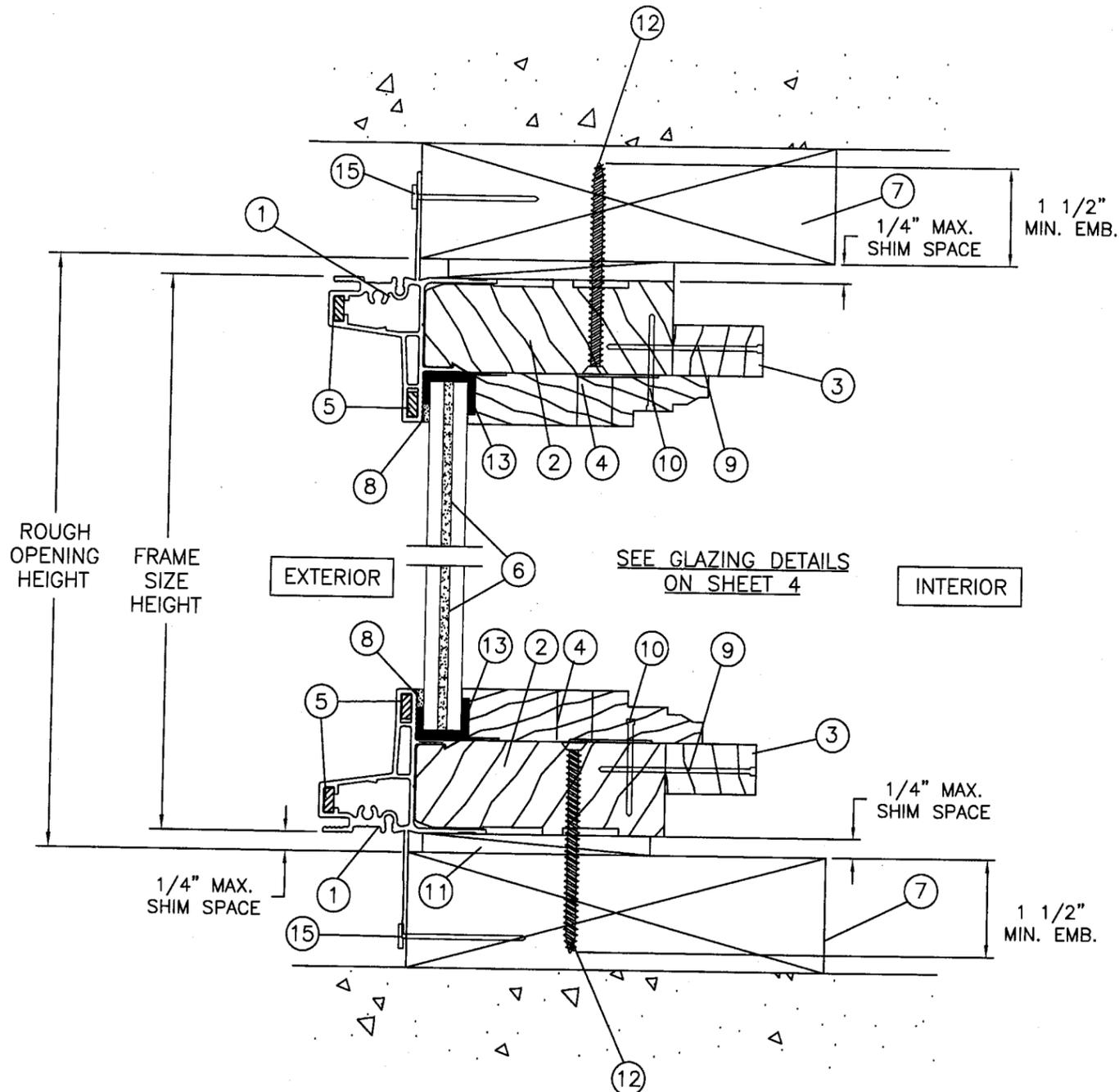
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C	REVISION PER CUSTOMER REQUEST	04/04/07	TK
B	CHANGES WERE MADE TO O.A. DIM. OF RADIUS TOP	6/23/06	DO
A	Changed customers address	07/11/06	DRL

EPK
 4/5/07
 Eric S. Nielsen
 P.E. No. 41323
 PTC, LLC
 1535 Cogswell Street, suite C25
 Rockledge, Florida 32955
 FBPE Certificate of Authorization NO. 25935

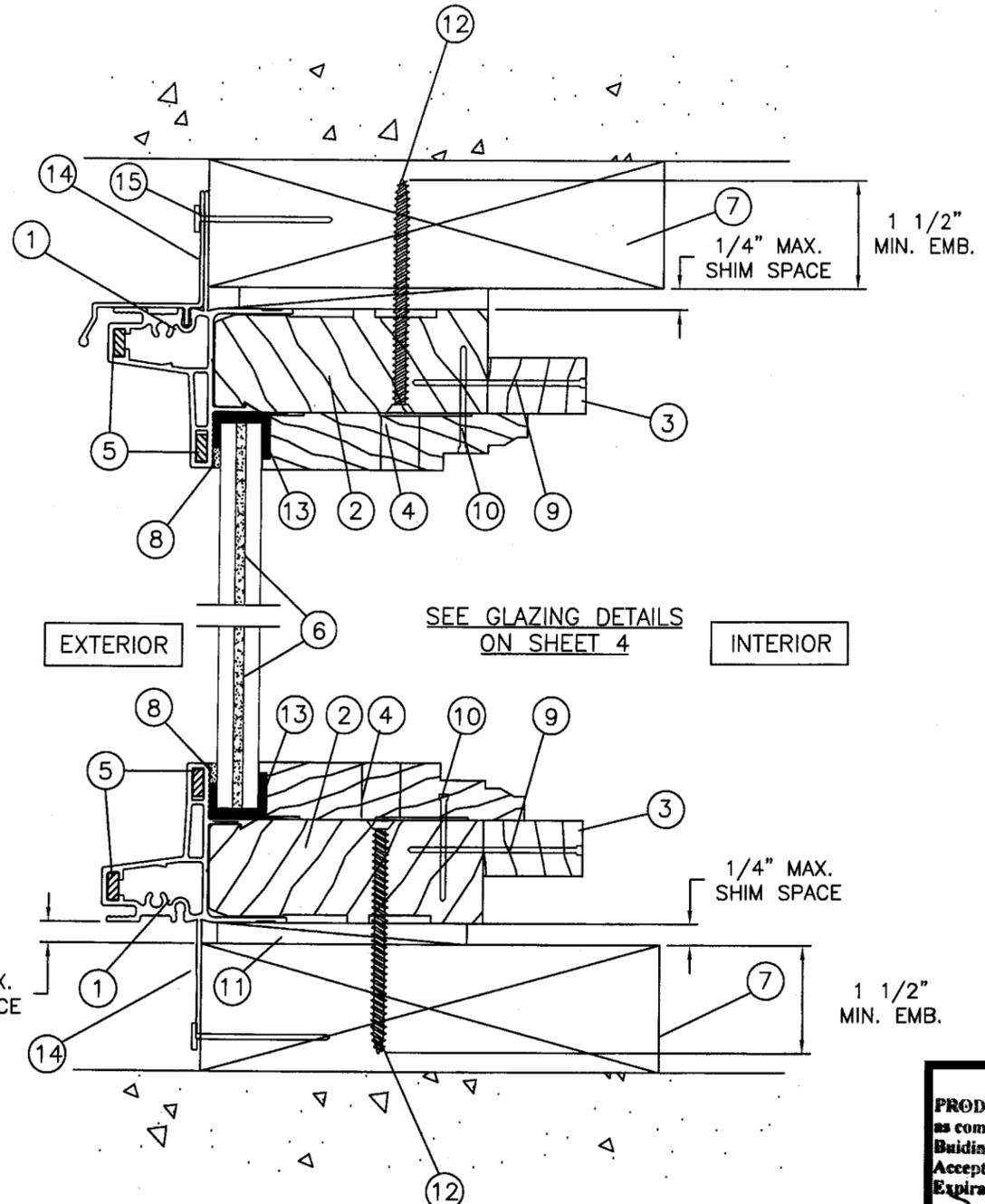
JELD-WEN WINDOWS AND DOORS
 BEND WINDOW DIVISION; 62845 BOYD ACRES, RD.; BEND, OR 97708
 TITLE: DIRECT SET FIXED ALUMINUM CLAD WOOD WINDOWS
 ANCHORING LAYOUT AND NOTES

PREPARED BY:	DRN:	DATE:
PTC PTC, LLC	DRL	05/25/06
SCALE:	DWG. NO.:	
N.T.S.	JELD0029	
REV:	SHEET:	
B	2 OF 6	

Phone 321.690.1788 Fax 321.690.1789



SECTION A
2X BUCK WITHOUT DRIPCAP



SECTION A
2X BUCK WITH OPTIONAL DRIPCAP

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 07-0411.13
Expiration Date FEB 26, 2011
By *Manuel Perez*
Miami Dade Product Control
Division

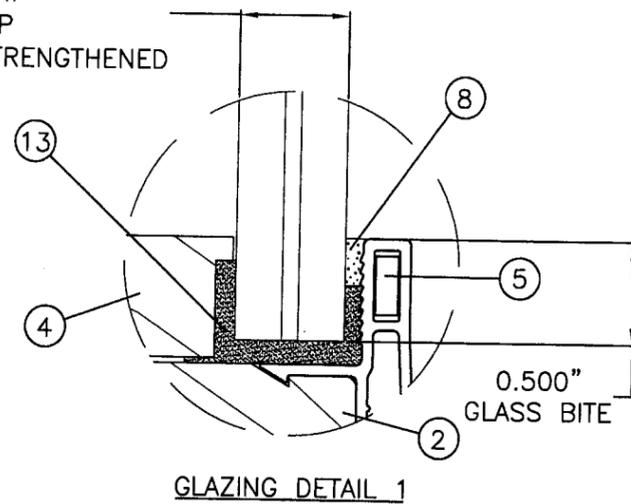
SYM	REVISION	DATE	BY
C	REVISION PER CUSTOMER REQUEST	04/04/07	TK
B	CHANGES WERE MADE TO O.A. DIM. OF RADIUS TOP	6/23/06	DO
A	Changed customers address	07/11/06	DRL

ESN
4/5/07
Eric S. Nielsen
P.E. No. 41323
PTC, LLC
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Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

JELD-WEN WINDOWS AND DOORS
BEND WINDOW DIVISION; 62845 BOYD ACRES DIVISION; BEND, OR 97708
TITLE: DIRECT SET FIXED ALUMINUM CLAD WOOD WINDOW
VERTICAL CROSS SECTIONS

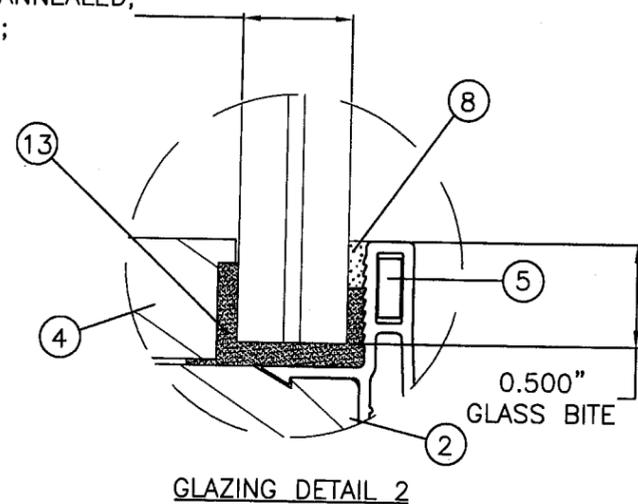
PREPARED BY: **PTC** PTC, LLC
DRN: DRL DATE: 05/25/06
SCALE: N.T.S. DWG. NO: JELD0029
REV: B SHEET: 3 OF 6
Phone 321.690.1788 Fax 321.690.1789

0.590" O.A. LAMINATED GLASS
 CONSISTING OF: 1/4" HEAT
 STRENGTHENED; .090" SGP
 INNERLAYER; 1/4" HEAT STRENGTHENED

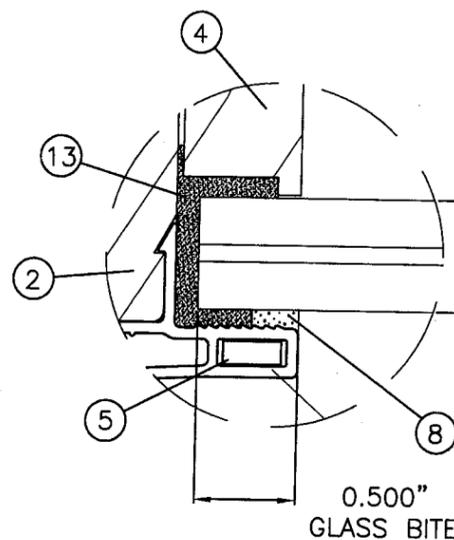


GLAZING DETAIL 1

0.600" O.A. LAMINATED GLASS
 CONSISTING OF: 1/4" ANNEALED;
 .090" SGP INNERLAYER;
 1/4" ANNEALED

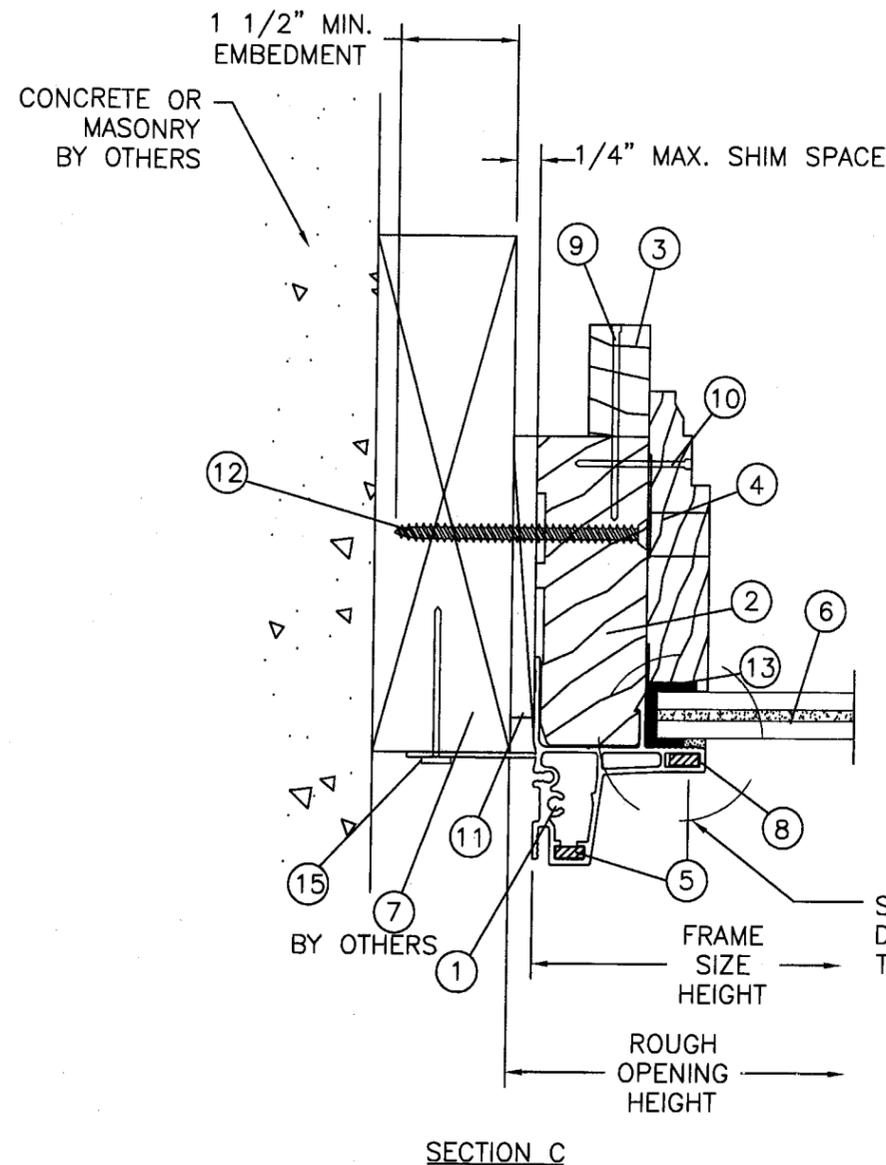


GLAZING DETAIL 2



GLAZING DETAIL 3

0.475" O.A. LAMINATED GLASS
 CONSISTING OF: 3/16" ANNEALED;
 .090" SGP INNERLAYER;
 3/16" ANNEALED



SECTION C

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 07-0411.13
 Expiration Date FEB. 26, 2011
 By M. Nielsen
 Miami/Dade Product Control
 Division

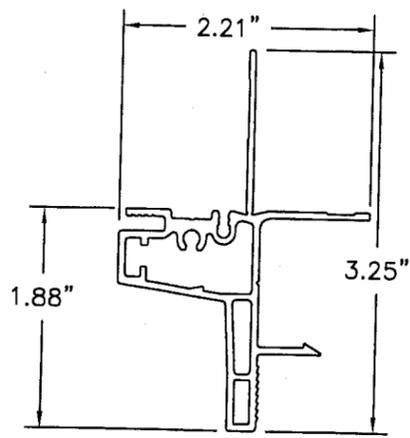
SYM	REVISION	DATE	BY
C	REVISION PER CUSTOMER REQUEST	04/04/07	TK
B	CHANGES WERE MADE TO O.A. DIM. OF RADIUS TOP	6/23/06	DO
A	Changed customers address	07/11/06	DRL

Eric S. Nielsen
 4/15/07
 Eric S. Nielsen
 P.E. No. 41323
 PTC, LLC
 1535 Cogswell Street, suite C25
 Rockledge, Florida 32955
 FBPE Certificate of Authorization NO. 25935

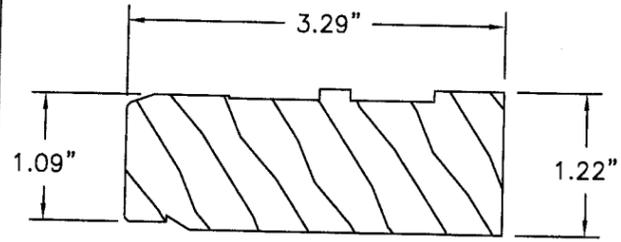
JELD-WEN WINDOWS AND DOORS
 BEND WINDOW DIVISION; 62845 BOYD ACRES RD.; BEND, OR 97708
 TITLE: DIRECT SET FIXED ALUMINUM CLAD WOOD WINDOWS
 HORIZONTAL CROSS SECTIONS AND GLAZING DETAILS

PREPARED BY: **PTC** PTC, LLC
 DRN: DRL DATE: 05/25/06
 SCALE: N.T.S. DWG. NO: JELD0029
 REV: B SHEET: 4 OF 6
 Phone 321.690.1788 Fax 321.690.1789

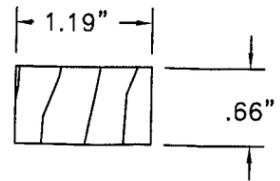
① FRAME CLADDING



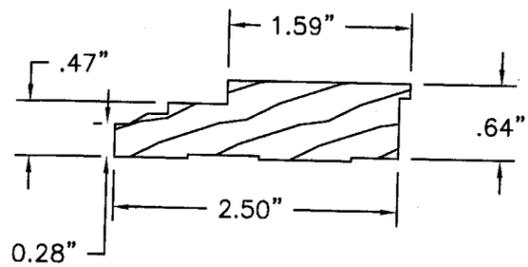
② WOOD JAMB



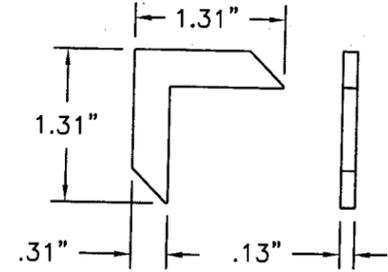
③ JAMB EXTENDER



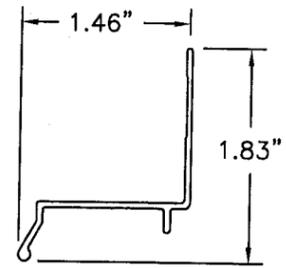
④ GLASS STOP



⑤ CORNER KEY



⑭ OPTIONAL DRIPCAP



MATERIALS LIST

ITEM	PART #	DESCRIPTION	MATERIAL
1	AC-504	ALUMINUM FRAME CLADDING - .060 WALL (INDALEX)	6063-T5 ALUM.
2	AC-506	WOOD JAMB F/J LINEAL - (JWMM)	PONDEROSA PINE
3	AC-511	WOOD 4 9/16" JAMB EXTENDER - (JWMM)	CLEAR PINE
4	AC-173	WOOD GLASS STOP - IG (BMC)	CLEAR PINE
5	AC-74	FRAME CORNER KEY - 2 EA. (MITCHELL METAL)	6061-T6511 ALUM.
6	N/A	LARGE MISSILE IMPACT RESISTANT LAMINATED GLASS	SEE SHEET 4
7	N/A	PRESSURE TREATED 2X BUCK	P.T. WOOD
8	N/A	1/4" x 1/8" GLAZING TAPE (3M)	
9	N/A	2" x 15 GA. FINISH NAIL	STEEL
10	N/A	1 1/4" x 16 GA. FINISH NAIL	STEEL
11	N/A	1/4" FRAME SHIM	
12	N/A	#10 x 3" F.H. WOOD SCREW	STEEL
13	N/A	#995 SEALANT (DOW CORNING)	SEALANT
14	AC-908	DRIPCAP - (ANODIZING INC.)	6061-T6511 ALUM.
15	N/A	11GA 1 5/8" ROOFING NAIL	STEEL

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 as complying with the Florida
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 Expiration Date FEB. 26, 2011
 By *Manuel Perez*
 Miami Dade Product Control
 Division

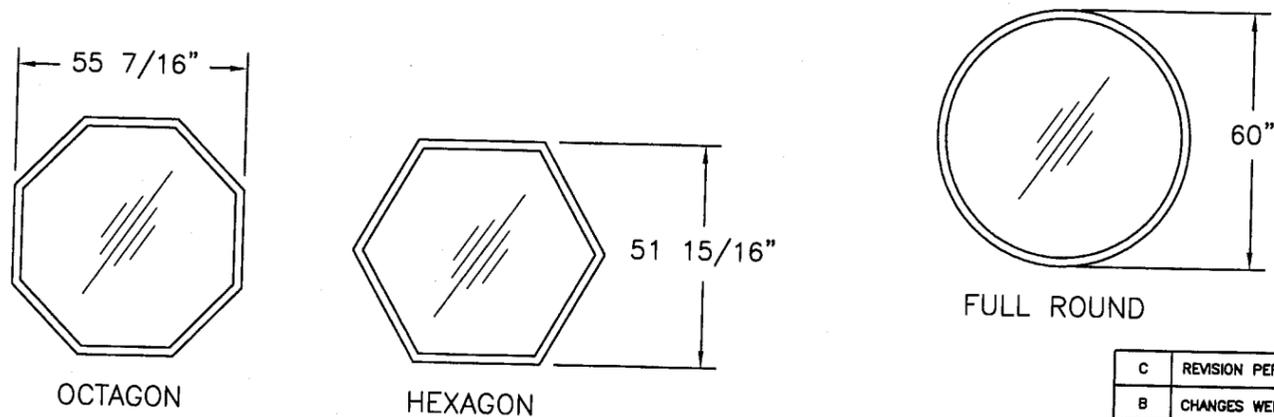
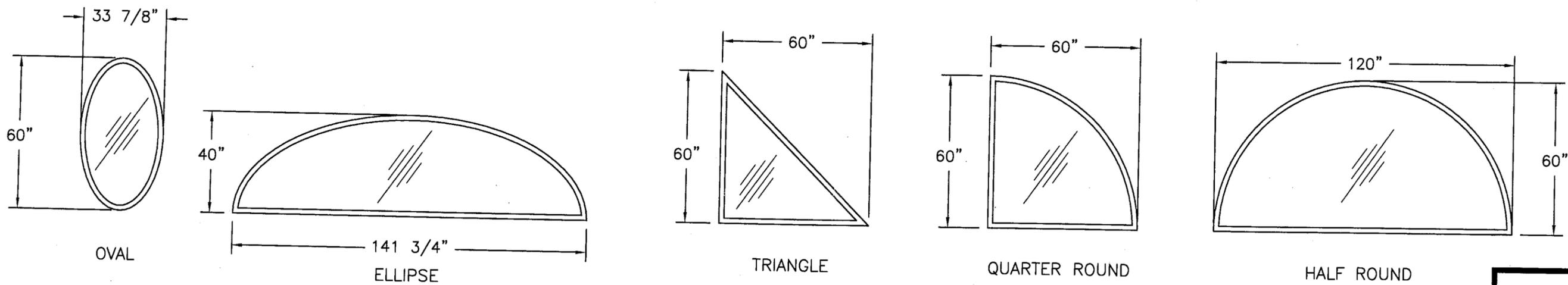
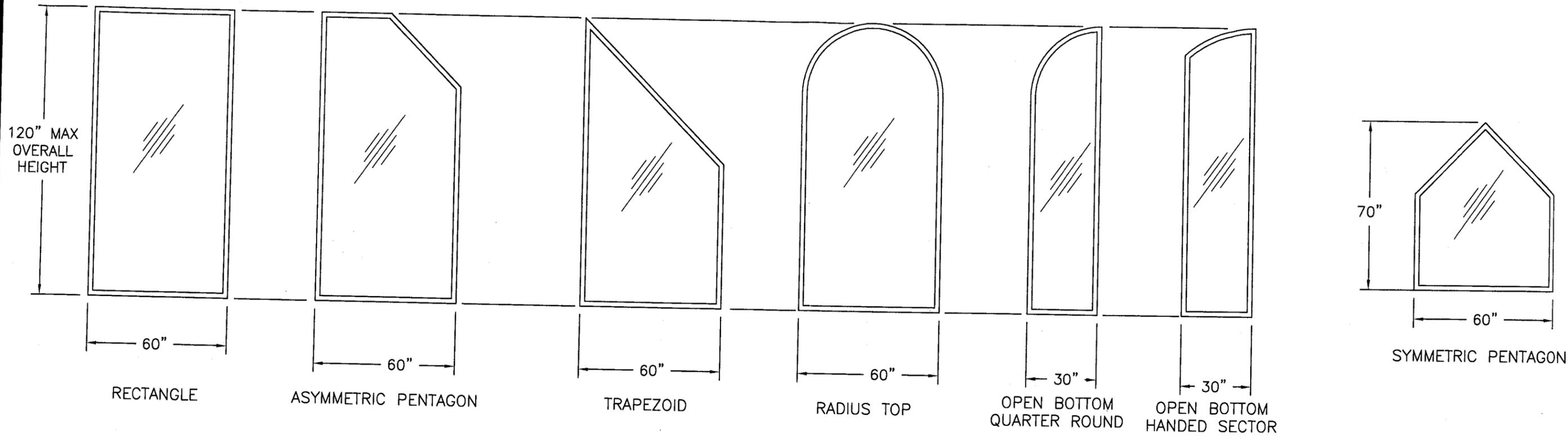
SYM	REVISION	DATE	BY
C	REVISION PER CUSTOMER REQUEST	04/04/07	TK
B	CHANGES WERE MADE TO O.A. DIM. OF RADIUS TOP	6/23/06	DO
A	Changed customers address	07/11/06	DRL

EPNL
 4/5/07
 Eric S. Nielsen
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JELD-WEN WINDOWS AND DOORS
 BEND WINDOW DIVISION; 62845 BOYD ACRES RD.; BEND, OR 97708
 TITLE: DIRECT SET FIXED ALUMINUM CLAD WOOD WINDOWS
 COMPONENTS AND BILL OF MATERIALS

PREPARED BY:	PTC, LLC	DRN:	DRL	DATE:	05/25/06
SCALE:	N.T.S.	DWG. NO.:	JELD0029		
REV:	B	SHEET:	5 OF 6		

Phone 321.690.1788 Fax 321.690.1789



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 07-0411-13
 Expiration Date FEB 26, 2011
 By *Maurice Perez*
 Miami/Dade Product Control
 Division

C	REVISION PER CUSTOMER REQUEST	04/04/07	TK
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A	Changed customers address	07/11/06	DRL
SYM	REVISION	DATE	BY

ESN
 4/5/07
 Eric S. Nielsen
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 1535 Cogswell Street, suite C25
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JELD-WEN WINDOWS AND DOORS
 BEND WINDOW DIVISION; 62845 BOYD ACRES RD.; BEND, OR 97708
 TITLE: DIRECT SET FIXED ALUMINUM CLAD WOOD WINDOWS
 ALTERNATE WINDOW CONFIGURATIONS

PREPARED BY: **PTC**
 PTC, LLC
 Phone 321.690.1788 Fax 321.690.1789

DRN: DRL DATE: 05/25/06
 SCALE: N.T.S. DWG. NO: JELD0029
 REV: B SHEET: 6 OF 6