



**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)

**Andersen Corporation
100 Fourth Avenue
Bayport, MN 55003**

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 "Springline" Wood Fixed Window

APPROVAL DOCUMENT: Drawing No. **DADE-12052**, titled "Unit Assembly, Impact Springline", Sheets 1 through 3 of 3, prepared by manufacturer, dated 2/26/99, revised on 10/17/02, 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 **renews NOA # 00-1011.07** 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 02-0919.14
Expiration Date: October 21, 2007
Approval Date: November 14, 2002
Page 1**

Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWING

1. Manufacturer's die drawings and sections.
2. Drawing No. **DADE-12052**, titled "Unit Assembly, Impact Springline", Sheets 1 through 3 of 3, prepared by manufacturer, dated 2/26/99, revised on 10/17/02.

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) Large Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with assembly & part drawing of a series Springline wood fixed window prepared by Architectural Testing, Inc., test report No. **02-34396.01**, dated 07/10/02, signed and sealed by Steven M. Urich, P.E
2. Test reports on 1) Large Missile Impact Test per SFBC, PA 201-94
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with assembly & part drawing of a wood fixed window prepared by Architectural Testing, Inc., test report No. **02-32062.01**, dated 05/05/00 with no revisions, signed and sealed by A. N. Reeves, P.E

Submitted under previous approval (No. 99-0604.08)

3. 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
along with assembly & part drawing of a wood fixed window prepared by Architectural Testing, Inc., test report No. **02-31277.01**, dated 02/24/99 with no revisions, signed and sealed by A. N. Reeves, P.E

C. CALCULATIONS

1. Revised Installation Analysis prepared by Richard Boyette, report No. 99-0916, dated on Sept. 13, 2000, signed and sealed by Richard Boyette, P.E.

Submitted under previous file (99-0604.08)

2. Installation Analysis Report prepared by Richard Boyette, project # 99-0517 sheets 1 to 8 of 8, dated 05/14/99, signed and sealed by R. Boyette PE.



Manuel Perez, P.E.
Product Control Examiner
NOA No 02-0919.14
Expiration Date: October 21, 2007
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D. STATEMENTS

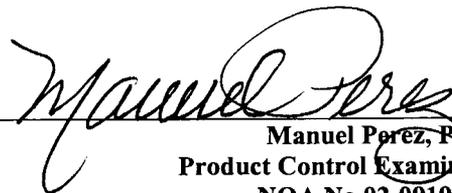
1. Letter stating that the engineer is still practicing, dated on January 18, 2002, signed and sealed by R. Boyette, PE.
2. Laboratory Compliance Letter issued by Architectural Testing, Inc., dated 08/06/02, signed and sealed by Steven M. Urich, P.E.
3. Letter from Andersen Corporation, dated 8/13/02, stating that the product has not changed since it was originally approved.

E. MATERIAL CERTIFICATIONS

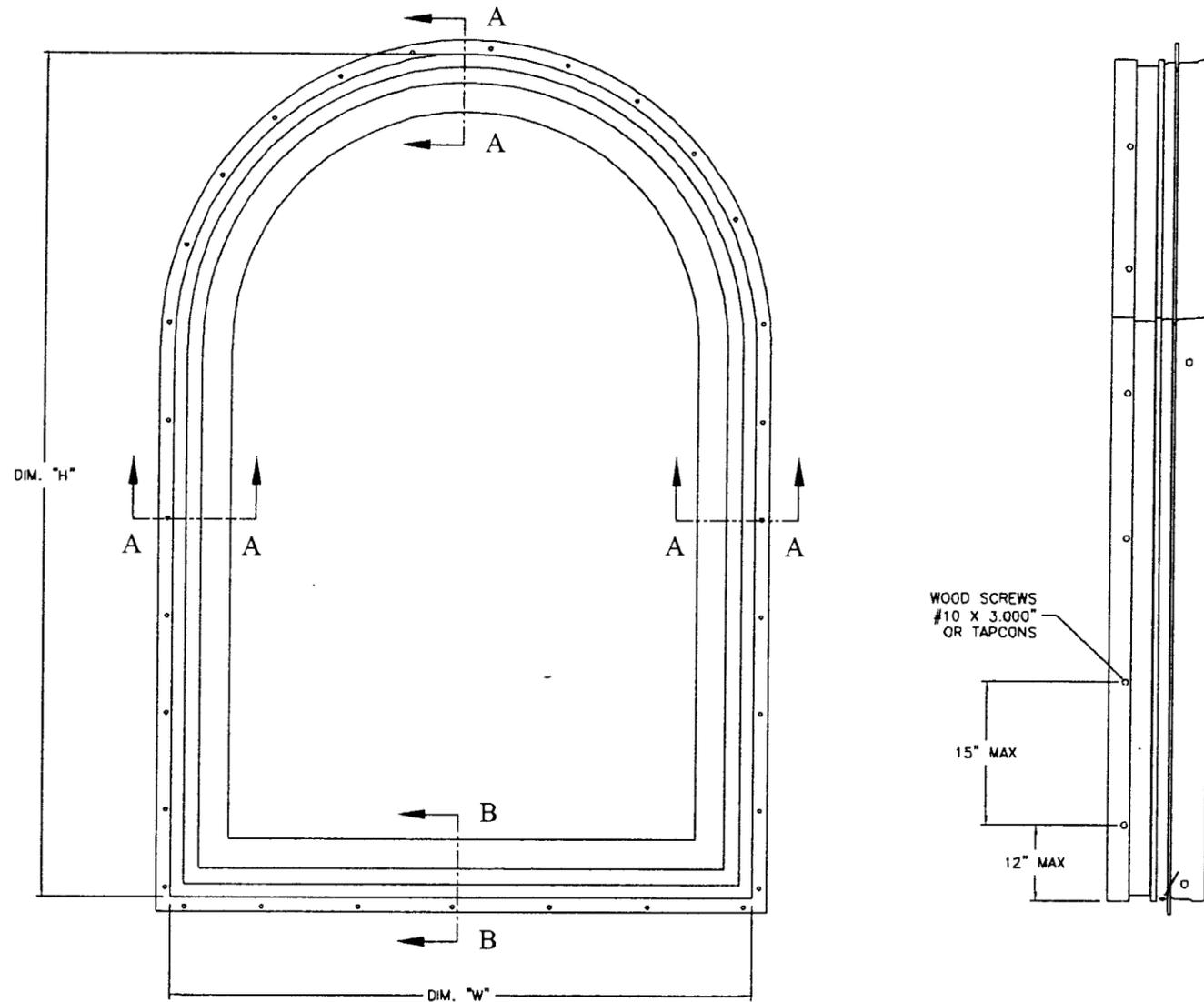
1. Notice of Acceptance No. **98-0608.03** issued to E.I. DuPont DeNemours for "Sentry Glass Plus" dated 01/14/99, expiring on 01/14/02.
2. Notice of Acceptance No. **97-1224.07** issued to Solutia, Inc. for their "Polyvinyl Butyral Interlayer Saflex" dated 06/25/98, expiring on 01/09/00.

F. OTHER

1. Notice of Acceptance No. 00-1011.07, issued to Anderson Corporation for their Series "Springline" Wood Fixed Window – Impact Resistant, approved on 02/08/01 and expiring on 10/21/02.



Manuel Perez, P.E.
Product Control Examiner
NOA No 02-0919.14
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FRAME FASTENERS LIST		
A/R	CLIP, INSTALL KIT 3" X #10 WOOD SCREWS	SECURES UNIT TO OPENING
BEAD	BED GLAZ. & BACK GLAZ.	SEALS GLASS TO FRAME
BEAD	SILICONE SEALANT	SEALS MITERED JAMB CORNERS
BEAD	SILICONE SEALANT	FILLET BEAD GLASS TO FRAME COVER
A/R	NAILS, 1-1/2" X 16 GA 8" O.C	FASTENS GLASS STOPS TO FRAME
4	STAPLES, 3/8" X 1/2"	FASTENS ARCH FRAME COVER TO FRAME
BEAD	GLUE	FASTENS SILL FRAME COVERS TO FRAME
4	(2) SCREWS, #8 X 5/8"/CORNER	FASTENS CORNERLOCKS TO FRAME
12	#6 X 2" SCREW	FASTENS FRAME CORNERS
QTY.	DESCRIPTION	LOCATION

ANDERSEN MANUFACTURES CUSTOM SPRINGLINE SIZES AND SHAPES UP TO A MAX OF 30 SQ.FT. TO DETERMINE THE SQUARE FOOTAGE USE DIM."W" X DIM."H".

THE SPRINGLINE (SE & SP & ELF) PRODUCT ALSO INCLUDES THE SHAPES ON PAGE TWO.

ELFW602	71.250	54.967	66.500	50.217	+67/-71	+67/-71
ELFW601	71.250	42.812	66.500	38.062	+67/-71	+67/-71
ELFW6006	71.250	36.812	66.500	32.062	+67/-71	+67/-71
SP4055	48.000	88.812	43.250	84.062	+67/-71	+60/-60
SP405	48.000	83.875	43.250	79.125	+67/-71	+64/-64
SP4045	48.000	76.812	43.250	70.062	+67/-71	+67/-71
SP404	48.000	72.000	43.250	67.250	+67/-71	+67/-71
SP4035	48.000	64.812	43.250	60.062	+67/-71	+67/-71
SP403	48.000	59.937	43.250	55.187	+67/-71	+67/-71
SP402	48.000	48.125	43.250	43.375	+67/-71	+67/-71
SE602	72.000	60.125	67.250	55.375	+67/-71	+67/-71
SE601	72.000	48.000	67.250	43.250	+67/-71	+67/-71
SE6006	72.000	42.000	67.250	37.250	+67/-71	+67/-71
SE582	68.500	58.375	63.750	53.625	+67/-71	+67/-71
SE581	68.500	46.250	63.750	41.500	+67/-71	+67/-71
SE5806	68.500	40.250	63.750	35.500	+67/-71	+67/-71
SE542	64.500	56.375	59.750	51.625	+67/-71	+67/-71
SE541	64.500	44.250	59.750	39.500	+67/-71	+67/-71
SE5406	64.500	38.250	59.750	33.500	+67/-71	+67/-71
SE316	37.500	90.625	32.750	85.875	+67/-71	+67/-71
SE3155	37.500	83.562	32.750	78.812	+67/-71	+67/-71
SE315	37.500	78.625	32.750	73.875	+67/-71	+67/-71
SE3145	37.500	71.562	32.750	66.812	+67/-71	+67/-71
SE314	37.500	66.750	32.750	62.000	+67/-71	+67/-71
SE3135	37.500	59.562	32.750	54.812	+67/-71	+67/-71
SE313	37.500	54.687	32.750	49.937	+67/-71	+67/-71
SE312	37.500	48.875	32.750	44.125	+67/-71	+67/-71
SE311	37.500	30.750	32.750	26.000	+67/-71	+67/-71
SE3106	37.500	24.750	32.750	20.000	+67/-71	+67/-71
SIZE DES	UNIT WIDTH	UNIT HEIGHT	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT	DP RATING TYPE "A"	DP RATING TYPE "B"

NOTES:

1. INSTALLATION METHODS:

WOOD BUCK: UNIT IS SECURED WITH #10 X 3" SCREWS WITH A MINIMUM OF ONE FASTNER PER SIDE, AND A MAXIMUM SPACING OF 12" FROM EACH CORNER AND 15" BETWEEN FASTNERS ON CENTER. SCREWS ARE PLACED THROUGH JAMB INTO OPENING. THE PROVIDED SPACING REQUIREMENTS ASSURE ADEQUATE INSTALLATION FOR MAXIMUM DP PERFORMANCE.

MASONARY: TAPCON SPACING AND LOCATION TO BE THE SAME AS WOOD SCREW SPACING AND LOCATION.

2. FOR STANDARD SIZE DP RATINGS SEE CHART.

STRUCTURAL DESIGN PRESSURE RATINGS FOR CUSTOM SIZE UNITS WITH TYPE "A" GLASS = +67/-71 PSF. AREA OF WINDOW CANNOT EXCEED 27 SF.
STRUCTURAL DESIGN PRESSURE RATINGS FOR CUSTOM SIZE UNITS WITH TYPE "B" GLASS = +67/-71 PSF. AREA OF WINDOW CANNOT EXCEED 25 SF.

3. GLAZING SPECIFICATIONS:

HEAT STRENGTHINED: THE UNITS UTILIZE 3/8" (.391") THICK LAMINATED GLASS FABRICATED & COMPOSED OF TWO NOMINAL 5/32" HEAT-STRENGTHENED SHEETS AND A .090" GRAY OR CLEAR INNER LAYER BY SOLUTIA OR DUPONT.

ANNEALED: THE UNITS UTILIZE 17/32" (.532") THICK LAMINATED GLASS FABRICATED & COMPOSED OF TWO NOMINAL 1/4" ANNEALED SHEETS AND A .090" GRAY OR CLEAR INNER LAYER BY SOLUTIA OR DUPONT.

GLAZING METHOD: GLASS IS SET FROM THE INTERIOR AGAINST THE SILICONE BED GLAZING AND BACK GLAZING WITH SILICONE UP TO TOP FULL THICKNESS OF GLASS. WOOD STOPS ARE POSITIONED AT THE INTERIOR & SECURED WITH 1-1/2" LONG 15 GA. NAILS SPACED 8" O.C. A SILICONE FILLET BEAD IS APPLIED ON THE EXTERIOR FULL PERIMETER OF UNIT. SILICONE IS BY DOW CORNING DC983-2 OR DC9-1350.

4. FRAME CONSTRUCTION:

FRAME MEMBERS CONSIST OF MOLDED PINE. THE ARCH PARTS ARE LAMINATED POPAL AND MAPLE. ALL JAMBS, SILLS & ARCH PARTS ARE ALUMINUM CLADDING THAT IS STAPPLED & GLUED TO THE WOOD FRAME MEMBERS. THE FRAME CORNERS ARE MITERED, SEALED WITH SILICONE & SECURED THROUGH THE WOOD WITH THREE 2" LONG FLATHEAD SCREWS PER CORNER.

INJECTION MOLDED PLATIC CORNER KEYS ARE POSITIONED AT EACH CORNER, SECURING THE EXTERIOR CLADDING. THE LOWER FRAME CORNER KEYS ARE ONE PIECE NON-ADJUSTING. TWO 5/8" STAINLESS SCREWS PER CORNER SECURE THE CLADDING & THE CORNER KEYS.

5. GLASS BITE = .750".

6. SPACING OF CLIPS IS BASED ON A MAXIMUM ALLOWABLE LOAD OF 149 lbs FOR #10 X 3.000" WOOD SCREWS ON S.Y.P. WITH A MINIMUM PENETRATION OF 1.330".

Approved as complying with the Florida Building Code

Date NOV. 14, 2002

NOA# 02-0919.14

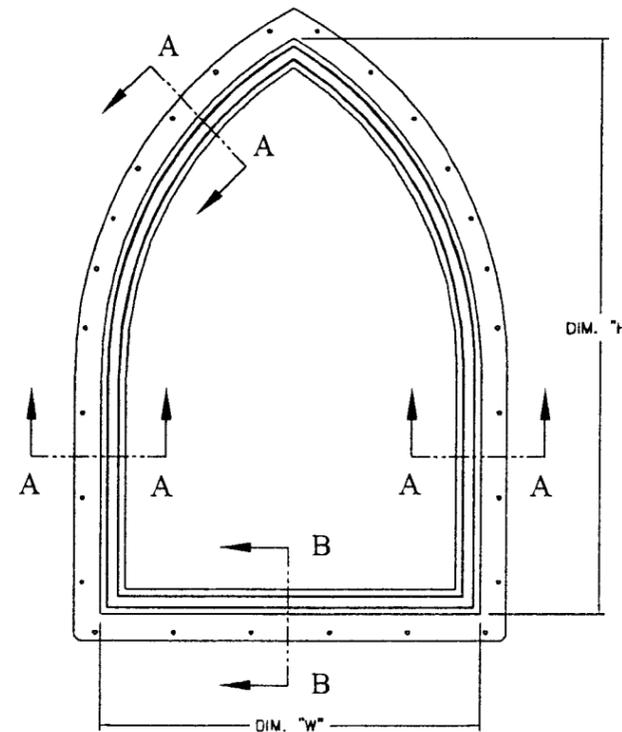
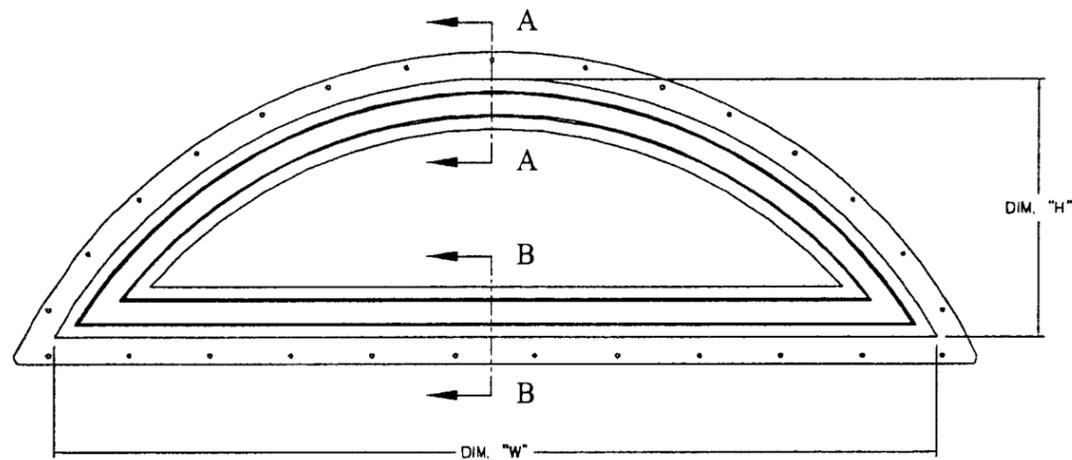
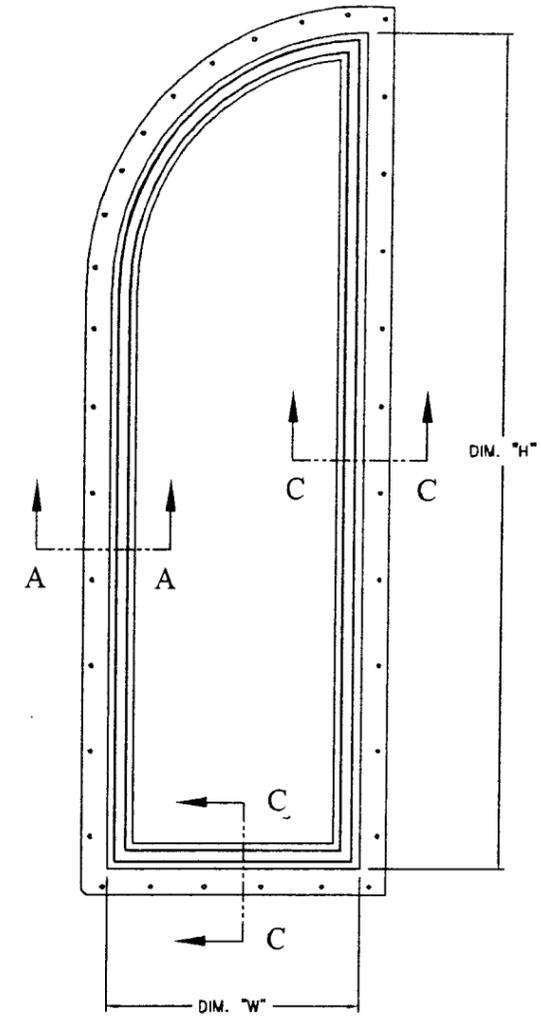
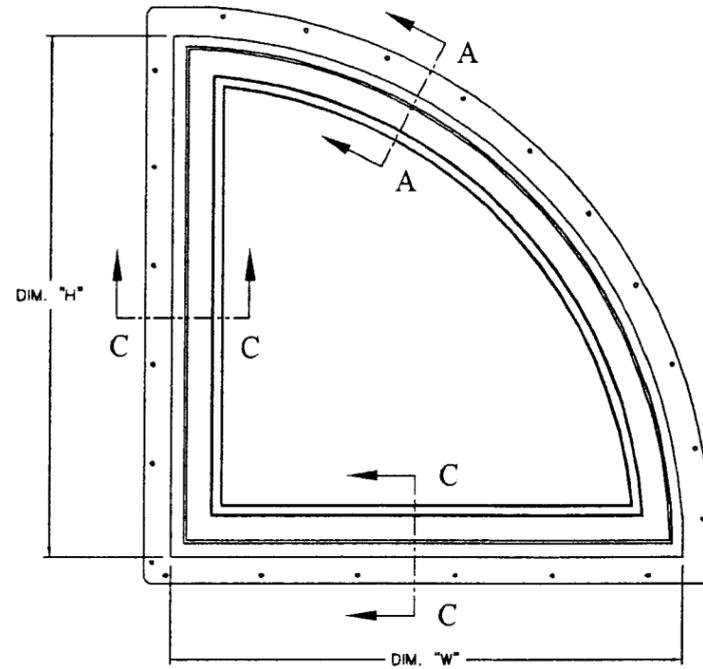
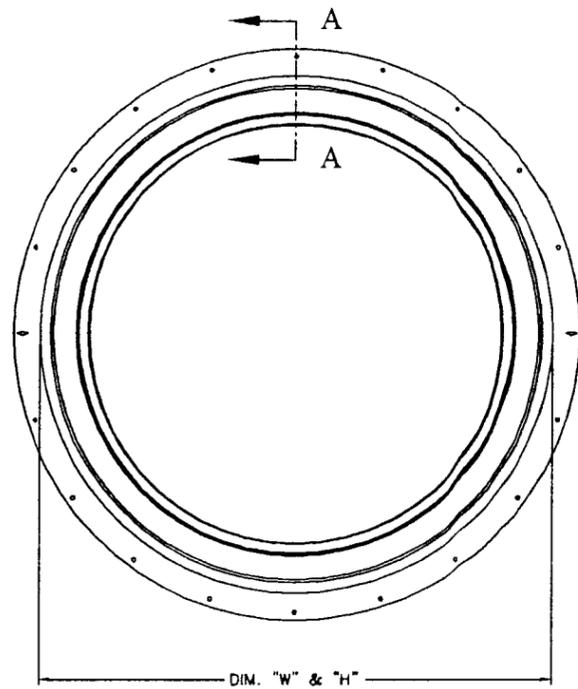
Miami Dade Product Control

Division

By *Manuel Perez*

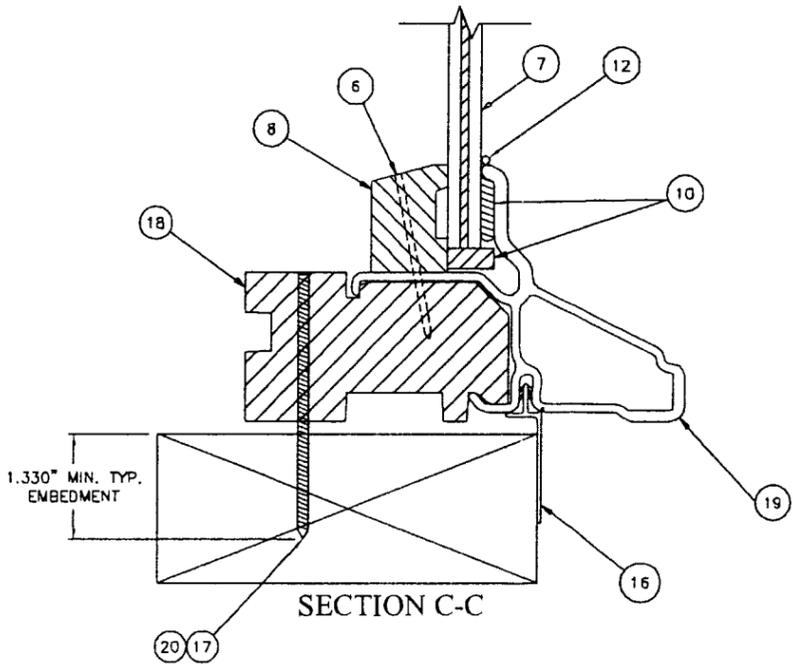
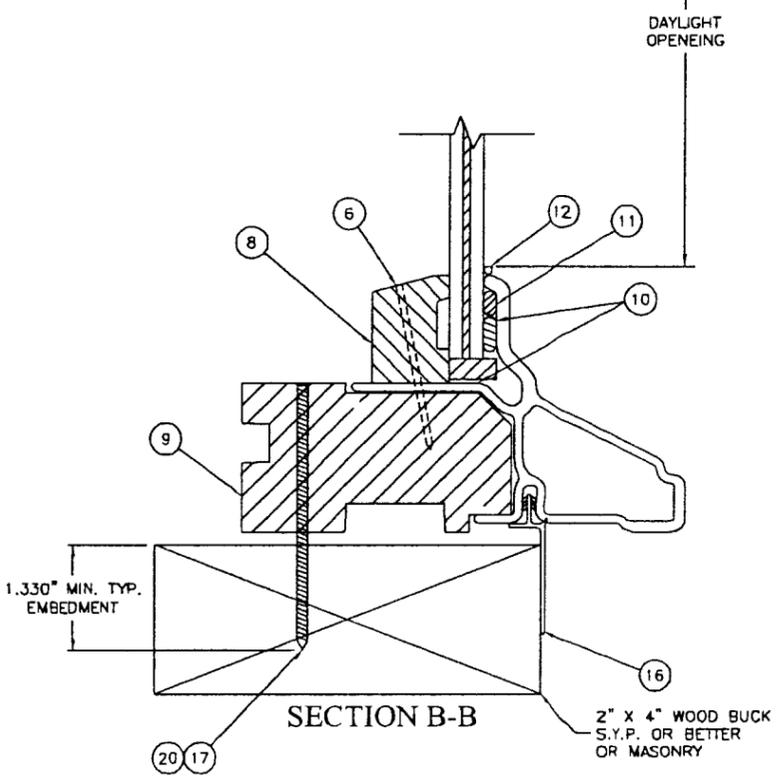
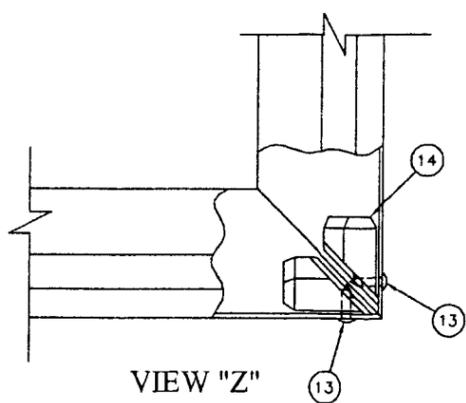
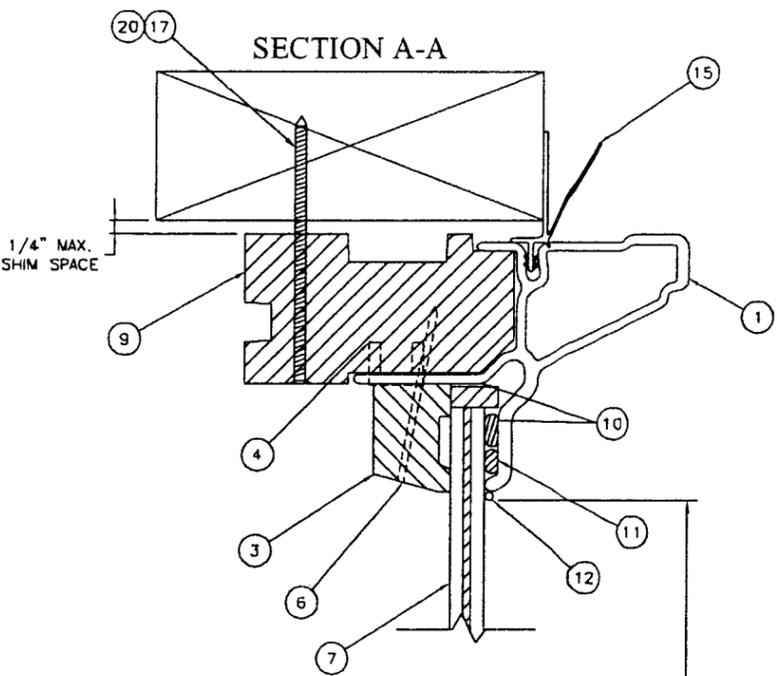
TITLE UNIT ASSEMBLY, IMPACT SPRINGLINE	
Andersen Corporation Boypert, Minnesota 55003	
THESE DRAWINGS ARE PROVIDED AS A SERVICE BY ANDERSEN CORPORATION FOR THE BENEFIT OF ITS CUSTOMERS. FINAL RESPONSIBILITY FOR ACCURACY OF DESIGN, FINAL SPECIFICATIONS, DRAWINGS AND FOR THE ACTUAL INSTALLATION SUGGESTED BY THESE DRAWINGS LIES WITH THE ARCHITECT, ENGINEER AND/OR CONTRACTOR.	
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APPROVE/DATE 2-26-99	DRAWING NUMBER DADE-12052
SHT. 1 OF 3	

BB	10/17/02
REV	DATE



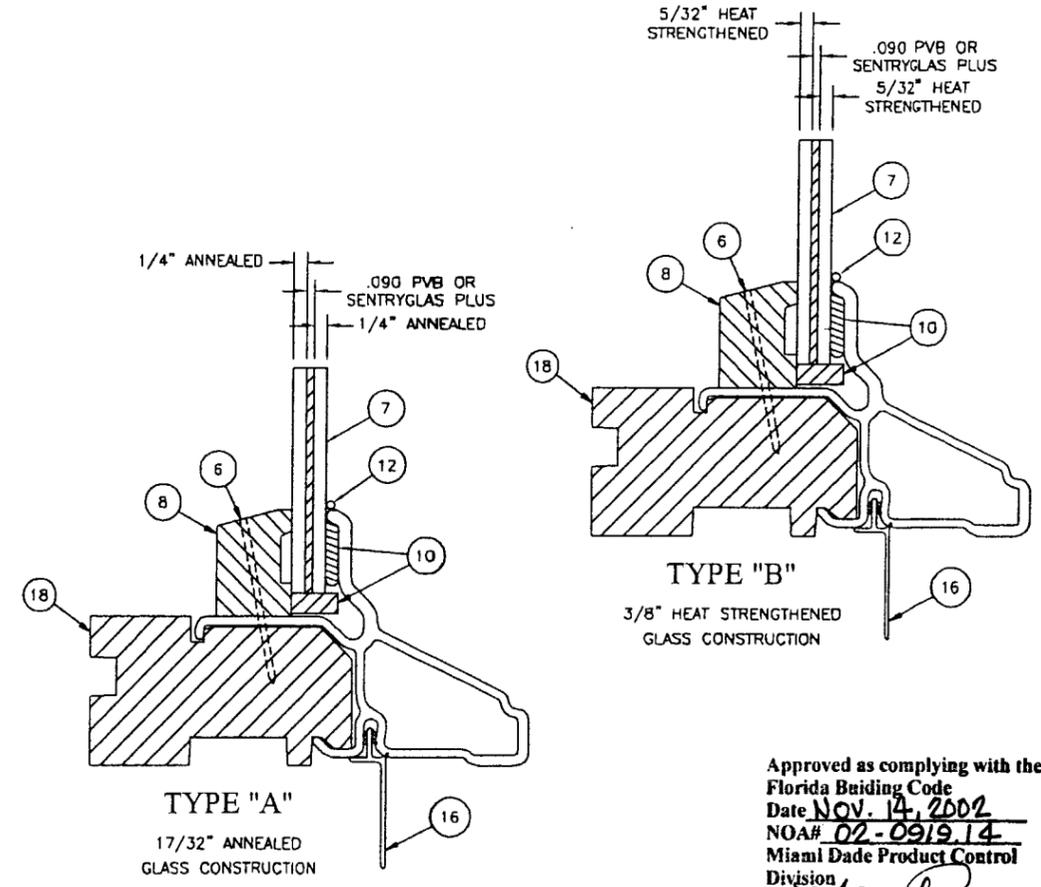
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 By [Signature]

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APPROVE/DATE	DRAWING NUMBER
2-26-99	DADE-12052
REV	DATE
BB 10/17/02	
SHT. 2	OF 3



ITEM NO.	DESCRIPTION	DRAWING	MATERIAL	HEIGHT	WIDTH
20	1/4" DIAMETER TAPCON	-	STEEL	-	-
19	COVER, JAMB/SILL	3621330	PULTRUDED	2.390	3.145
18	JAMB, SILL	11023	WOOD	1.381	2.500
17	WOOD SCREW, #10 X 3"	3621330	STEEL	-	-
16	FLANGE, SIDE & SILL	24136	VINYL	1.644	0.430
15	FLANGE, HEAD	11080	VINYL	1.644	0.430
14	CORNERLOCK - 90°	11029	PLASTIC	1.750	1.750
13	SCREW, #8 X 5/8"	3621000	STAINLESS STEEL	-	-
12	SEALANT, SILICONE FILLET	MDS0034	SILICONE	-	-
11	SPACER, GLASS LATERAL	11084	FOAM	0.125	0.250
10	SEALANT, SILICONE	MDS0012/42	SILICONE	-	-
9	JAMB, SILL	11023	WOOD	1.381	2.500
8	STOP, SILL & SIDE GLASS	12015	WOOD	1.000	0.719
7	GLASS, LAMINATED	SEE NOTE 7	-	-	-
6	NAIL, 1-1/2" X 16 GA.	4220149	STEEL	-	-
5	SPACER, GLASS	20065	VINYL	1.000	0.425
4	STAPLE, 3/8" X 1/2"	4220180	STEEL	-	-
3	STOP, HEAD ARCH GLASS	12013	WOOD	1.000	0.719
2	JAMB, HEAD ARCH	29013	WOOD	1.391	2.531
1	COVER, HEAD ALUMINUM ARCH	12001	ALUMINUM	2.359	1.859

DRAWING REFERENCE LIST



Approved as complying with the
 Florida Bidding Code
 Date NOV. 14, 2002
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 By *[Signature]*

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APPROVE/DATE	DRAWING NUMBER
2-26-99	DADE-12052
SHT. 3 OF 3	

7. DRAWING NUMBERS FOR GLASS: 04176, 04177, 04180, 04181, 04184-04191.

BB	10/17/02
REV	DATE