



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 "Circle Top" Wood Fixed Window

APPROVAL DOCUMENT: Drawing No. **Dade-27086**, titled "Unit, Impact Circle Top", sheets 1 through 3 of 3, prepared by manufacturer, dated 3/26/99, signed and sealed by R. Boyette, P.E., bearing the Miami-Dade County Product Control Renewal 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

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.

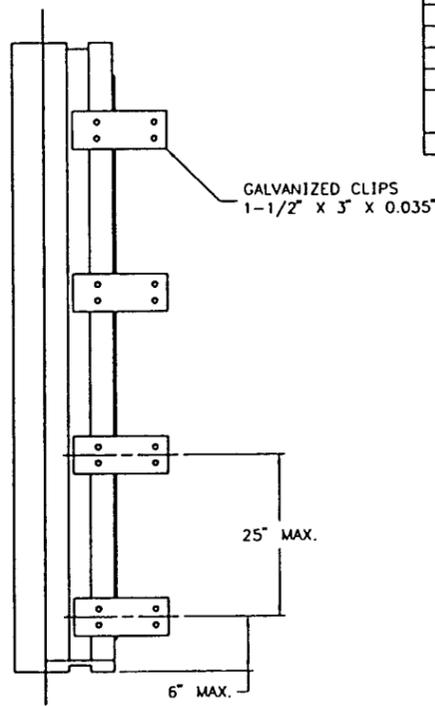
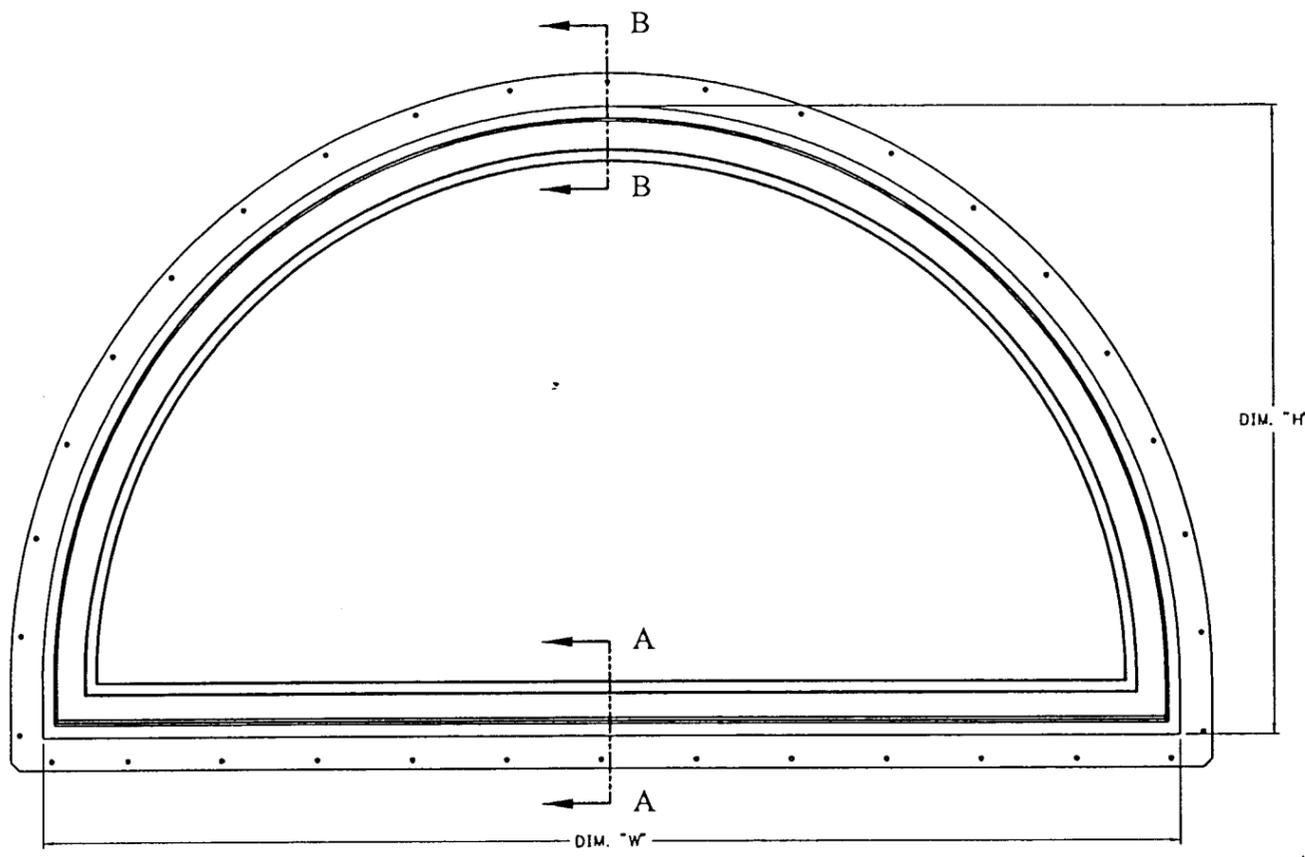
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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.

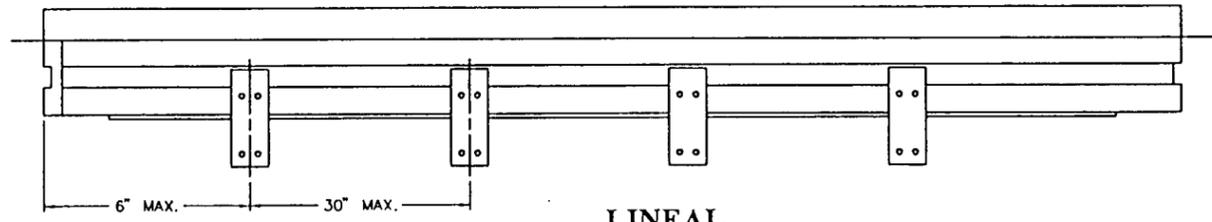
This NOA **renews** NOA # **00-1011.02** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No 02-0821.01
Expiration Date: November 5, 2007
Approval Date: September 19, 2002
Page 1



ARCH
 * MEASURED IN THE CIRCUMFERENCE.



LINEAL

A/R	SEALANT	BED GLAZING & BACK GLAZING
A/R	CLIP, INSTALLATION KIT (4) #8 X 1-1/4" SHEETROCK SCREWS	SECURE CLIP TO UNIT AND OPENING
4-10	NAILS, 1.750" X 16 GA 8" O.C.	ATTACHMENT OF OUTSIDE GLASS SILL STOP TO FRAME
6-13	NAILS, 1.750" X 16 GA	ATTACHMENT OF OUTSIDE GLASS ARCH STOP TO FRAME
2	NAILS, 1.500" X 15 GA	ATTACHMENT OF INSIDE SILL TRIM STOP TO FRAME
2-3	NAILS, 1.500" X 15 GA	ATTACHMENT OF INSIDE ARCH TRIM STOP TO FRAME
3-8	NAILS, 1.750" X 16 GA	ATTACHMENT OF INSIDE GLASS SILL STOP TO FRAME
4-12	NAILS, 1.750" X 16 GA	ATTACHMENT OF INSIDE GLASS ARCH STOP TO FRAME
6	STAPLES, .500" X 2.500"	ATTACHMENT OF FRAME ARCH TO ENDS OF FRAME SILL
A/R	SEALANT	FILLET BEAD GLASS TO FRAME COVER
QTY.	DESCRIPTION	LOCATION

FRAME FASTENERS LIST

CTC3	5	0	3	16
CTCW2	4	0	3	14
CTC2	3	0	3	12
CTCXW1	2	0	2	8
CTCW1	2	0	2	8
CTC1	2	0	2	8
CTQC1	2	2	2	12
CTQCW1	2	2	2	12
CTOA3	2	2	2	12
OVL1824	4	0	0	8
OVL2030	5	0	0	10
OVL3048	7	0	0	14
CIR20	4	0	0	8
CIR24	5	0	0	10
CIR30	6	0	0	12
UNIT DES.	# OF CLIPS ON ARCH	# OF CLIPS ON INSIDE	# OF CLIPS ON SILL	# OF SCREWS PER UNIT

CTC3	71.875	38.250
CTCW2	56.500	30.563
CTC2	48.000	26.313
CTCXW1	35.938	20.250
CTCW1	28.375	16.500
CTC1	24.125	14.375
CTQC1	24.125	24.125
CTQCW1	28.375	28.375
CTOA3	35.938	35.938
OVL1824	19.750	28.375
OVL2030	24.000	35.938
OVL3048	36.000	56.500
CIR20	24.125	24.125
CIR24	28.375	28.375
CIR30	35.938	35.938
UNIT DES.	DIM. "W"	DIM. "H"

NOTES:

- ARCH CLIPS LOCATIONS:
 WOOD BUCK: LINEAL: CLIPS ARE EVENLY SPACED ALONG THE LINEAL. THEY ARE SPACED A MAXIMUM OF 6" MAX FROM ANY CORNER AND APPROXIMATELY 30" MAX ON CENTER.
 ARCH: CLIPS ARE EVENLY SPACED AROUND ARCH PORTION OF UNIT. THEY ARE SPACED A MAXIMUM OF 6" MAX FROM CORNER & APPROXIMATELY 25" MAX ON CENTER AROUND THE CIRCUMFERENCE.
 MASONRY: TAPCON SPACING AND LOCATION TO BE THE SAME AS WOOD SCREW SPACING AND LOCATION.
 CLIPS ARE FASTENED TO UNIT & OPENING WITH (4) #8 X 1-1/4" SCREWS. (2) FOR THE FRAME AND (2) FOR THE OPENING.
- DESIGN PRESSURE RATINGS FOR ALL SIZES: +67/-75 PSF. AREA OF WINDOW CANNOT EXCEED 14.2 SF.
- GLAZING SPECIFICATIONS:
 HEAT STRENGTHENED: THE UNITS UTILIZE 3/8" (.391") NOMINAL LAMINATED GLASS, COMPOSED OF TWO NOMINAL 5/32" THICK HEAT-STRENGTHENED SHEETS WITH A .090" GRAY OR CLEAR PVB INNER LAYER BY SOLUTIA OR DUPONT.
 ANNEALED: THE UNITS UTILIZE 17/32" (.532") NOMINAL LAMINATED GLASS, COMPOSED OF TWO NOMINAL 7/32" THICK ANNEALED SHEETS WITH A .090" GRAY OR CLEAR PVB INNER LAYER BY SOLUTIA OR DUPONT.
 METHOD - GLASS IS SET FROM INTERIOR WITH SILICONE BED AND BACK GLAZING. WOOD (PINE) GLASS STOPS ARE USED TO SECURE GLASS. SILICONE IS BY DOW CORNING, TWO COMPONENT DC983-2 OR SINGLE COMPONENT DC30117 OR DC9-1350.
- GLASS BITE: OVAL, FULL CIRCLE = .562".
 QUARTER ROUND, CIRCLE TOP = .709".
- SPACING OF CLIPS SHALL BE BASED ON A MAXIMUM ALLOWABLE LOAD OF 300 lbs/CLIP WITH (4) #8 X 1-1/4" SHEETROCK SCREWS AND 1-1/4" MIN. PENETRATION INTO S.Y.P.
- FRAME CONSTRUCTION: THE SILL MEMBERS CONSIST OF MOLDED PINE. THE ARCH PARTS ARE POPULAR AND MAPLE LAMINATED WOOD. THE SILL FRAME CORNERS ARE DADO TYPE JOINTS AND FASTENED WITH 3 14GA X 2.500" STAPLES PER CORNER. THE INTERIOR GLASS STOPS ARE MOLDED PINE, ATTACHED WITH 16GA X 1.750" NAILS. THE TRIM STOPS ARE MOLDED PINE, ATTACHED WITH 15GA X 1.500" NAILS. THE EXTERIOR IS PVC CLADDING THAT IS GLUED DOWN TO THE WOOD FRAME MEMBERS.

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0821.01
 Expiration Date Nov. 5, 2007
 By *Manuel Perez*
 Miami Dade Product Control
 Division

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE **MAY 31 2007**
 BY *Manuel Perez*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **00-1011.02**

TITLE
 UNIT, IMPACT
 CIRCLE TOP

Andersen Corporation
 Bayport, Minnesota 55003

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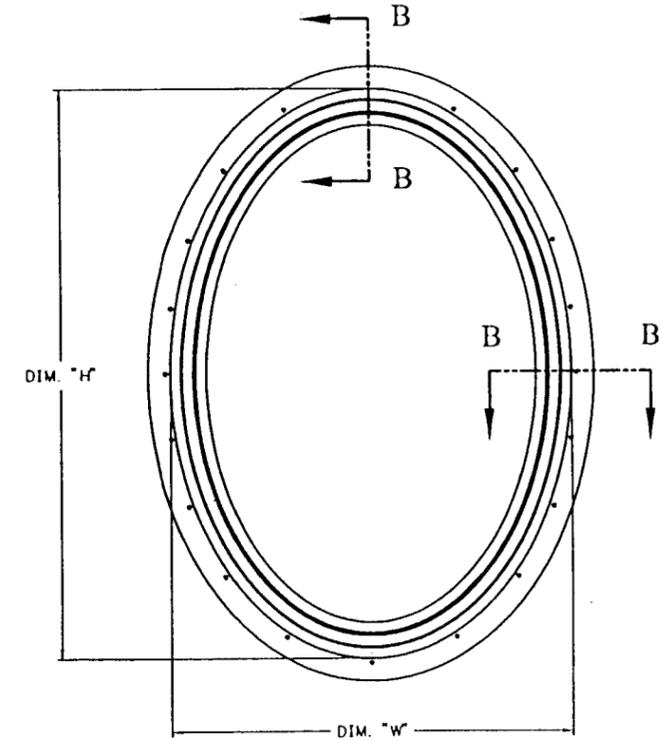
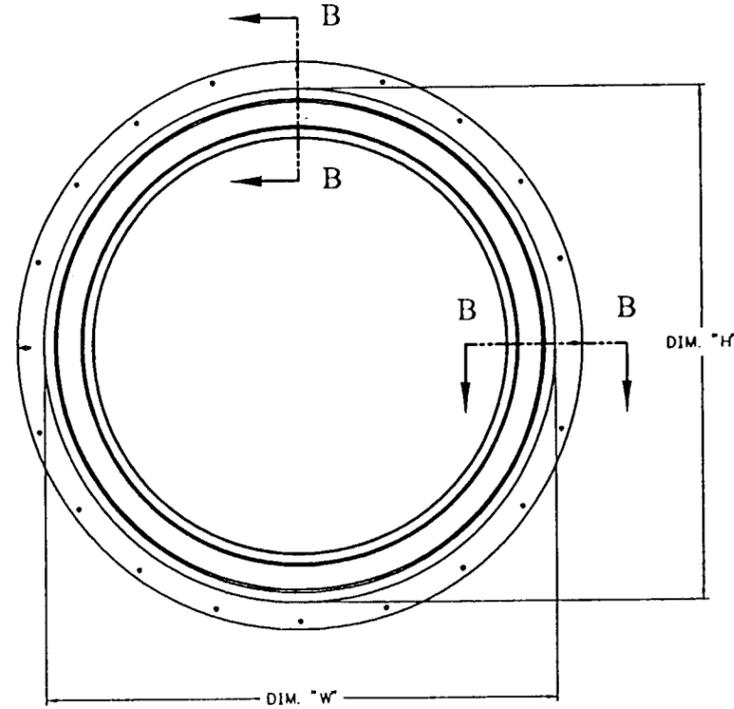
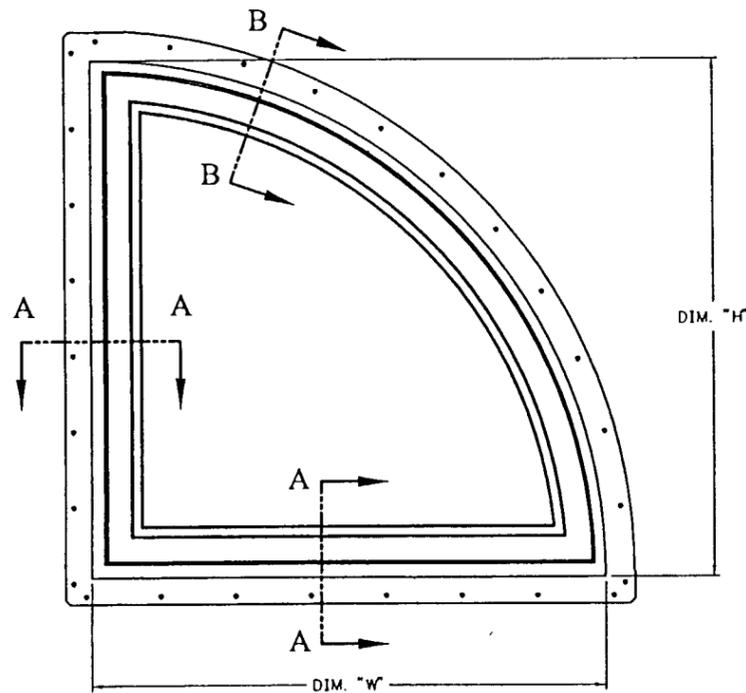
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APPROVE/DATE 3/26/99	DRAWING NUMBER DADE-27086
SHT. 1 OF 3	

CTC3	68.632	67.125	71.875
CTCW2	53.180	51.875	56.500
CTC2	44.680	43.375	48.000
CTCXW1	32.618	31.250	35.938
CTCW1	25.054	23.750	28.375
CTC1	20.804	19.625	24.125
CTQC1	21.043	19.625	24.125
CTQCW1	25.293	23.625	28.375
CTQA3	32.869	31.438	35.938
OVL1824	16.500	15.375	19.750
OVL2030	20.750	19.625	24.000
OVL3048	30.750	31.625	36.000
CIR20	20.875	19.750	24.125
CIR24	25.125	24.000	28.375
CIR30	32.688	31.562	35.938
UNIT DES.	GLASS DIMENSION	DAYLIGHT OPENING	UNIT DIMENSION
WIDTH			

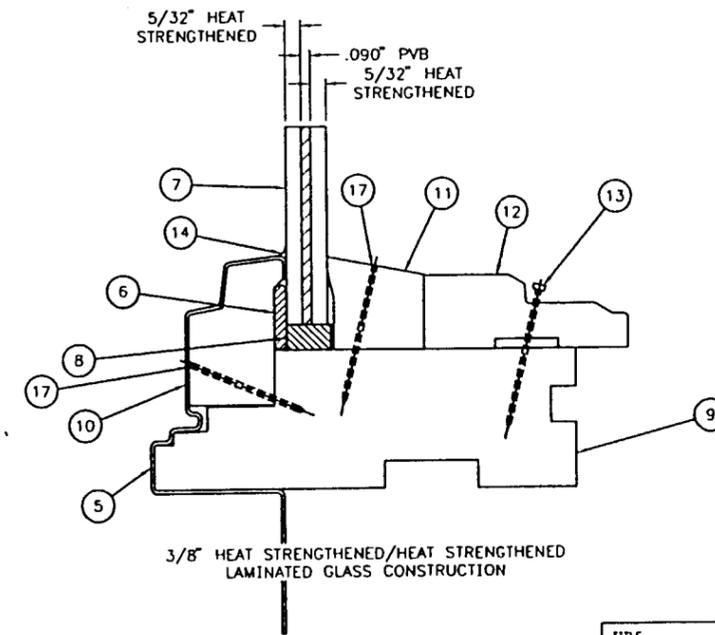
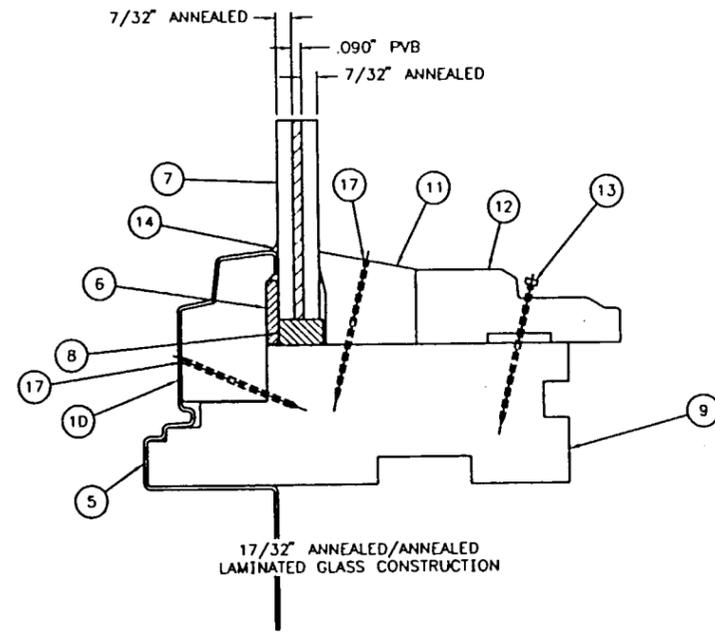
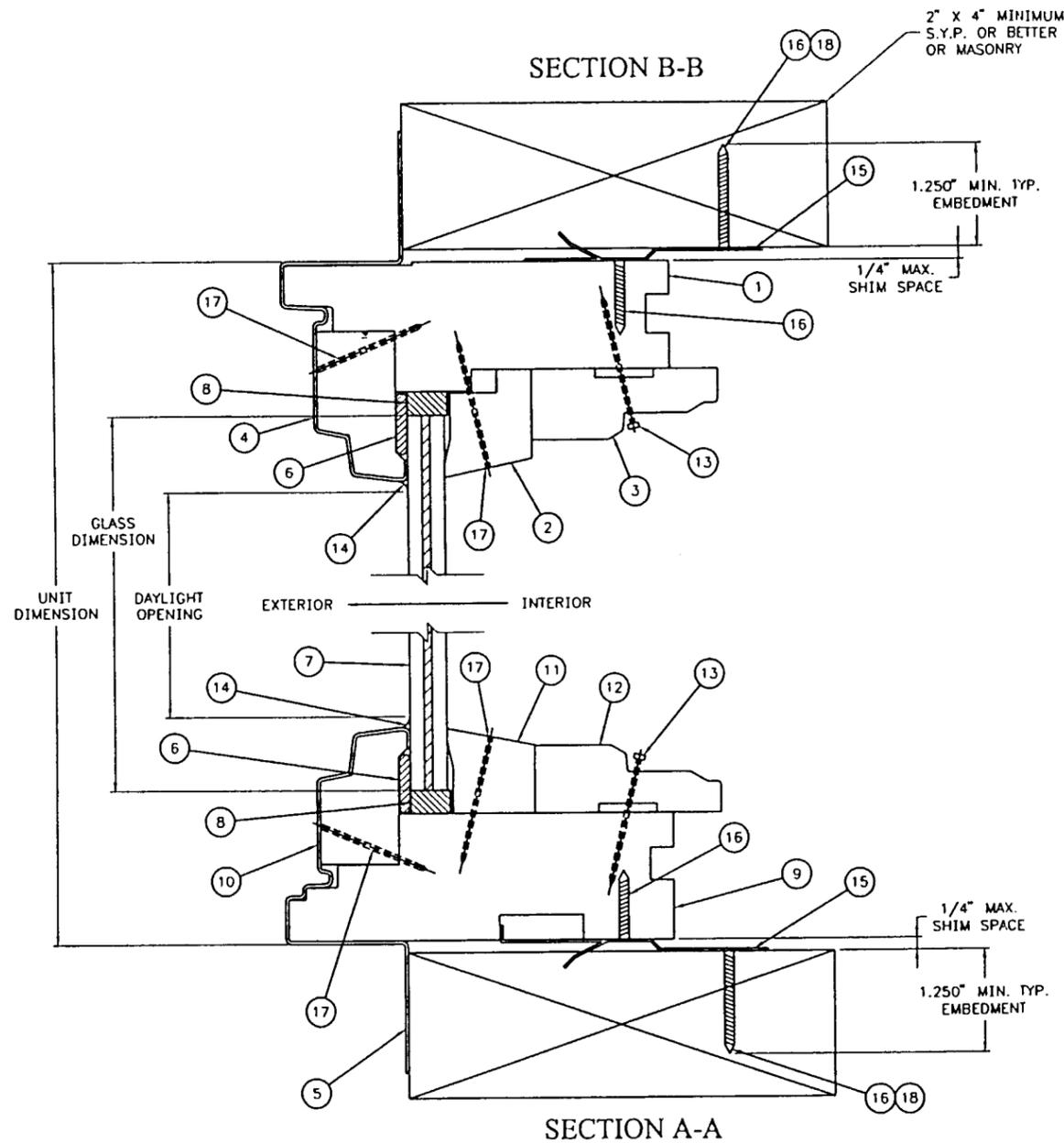
CTC3	34.941	33.625	38.250
CTCW2	27.215	25.313	30.563
CTC2	22.965	21.688	26.313
CTCXW1	16.934	15.625	20.250
CTCW1	13.152	11.875	16.500
CTC1	11.027	9.375	14.375
CTQC1	21.043	19.625	24.125
CTQCW1	25.293	23.625	28.375
CTQA3	32.869	31.438	35.938
OVL1824	25.125	24.000	28.375
OVL2030	32.688	31.562	35.938
OVL3048	53.250	52.125	56.500
CIR20	20.875	19.750	24.125
CIR24	25.125	24.000	28.375
CIR30	32.688	31.562	35.938
UNIT DES.	GLASS DIMENSION	DAYLIGHT OPENING	UNIT DIMENSION
HEIGHT			

18	1/4" DIAMETER TAPCON	-	-	-	-	STEEL	-	-
17	NAIL, 1-3/4" X 16 GA.	27255	27255	27255	27255	GALVANIZED	1.500	0.092
16	SHEETROCK SCREWS, #8 X 1-1/4"	3621074	3621074	3621074	3621074	STL/GALV	-	-
15	CLIP, INSTALLATION	20165	20165	20165	20165	STL/GALV	-	-
14	FILLET BEAD, SILICONE	MDS0034	MDS0034	MDS0034	MDS0034	SILICONE	-	-
13	NAIL, 1-1/2" X 15 GA.	4220132	4220132	4220132	4220132	GALVANIZED	1.500	0.092
12	STOP, INSIDE TRIM	-	27208	27084	-	WOOD	0.719	1.375
11	STOP, INSIDE GLASS	-	27227	28113	-	WOOD	0.910	0.938
10	STOP, OUTSIDE GLASS	-	27214	27214	-	WOOD	1.419	0.926
9	JAMB, SILL/SIDE	-	27230	28120	-	WOOD	1.355	4.125
8	SPACER, GLASS	20065	20065	20065	20065	FLEXIBLE	0.750	2.000
7	GLASS, LAMINATED GRAY/CLEAR	04182/04183	04174/04175	04176/04177	04180/04181	-	-	-
6	SILICONE BED & BACK GLAZING	MDS0012/42	MDS0012/42	MDS0012/42	MDS0012/42	SILICONE	-	-
5	COVER, FRAME	56002	27231	28117	54002	VINYL	3.550	1.657
4	STOP, OUTSIDE ARCH GLASS	56003	27215	28119	27215	WOOD	1.563	0.926
3	STOP, ARCH TRIM	56028	27083	27083	27083	WOOD	0.750	1.375
2	STOP, INSIDE GLASS ARCH	56027	27228	27082	27228	WOOD	1.145	0.938
1	JAMB, ARCH	56004	27229	28122	27229	WOOD	1.375	4.125
ITEM NO.	DESCRIPTION	OVAL	CIRCLE-TOP	OTR.RND	CIRCLE	MATERIAL	HEIGHT	WIDTH
DRAWING REFERENCE LIST								



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0821.01
 Expiration Date Nov. 5, 2007
 By Manuel Cruz
 Miami Dade Product Control
 Division
 APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MAY 31 2001
 BY Manuel Cruz
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-1011.02

TITLE	
UNIT, IMPACT CIRCLE TOP	
Andersen Corporation Bayport, Minnesota 55003	
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APPROVE/DATE	DRAWING NUMBER
3/26/99	DADE-27086
SHT. 2 OF 3	



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 02-021.01
 Expiration Date Nov. 5, 2007
 By Manuel Perez
 Miami Dade Product Control
 Division

- NOTES:
7. ALL DIMENSIONS ARE IN INCHES.
 8. ROUGH OPENING = UNIT DIMENSION + 1/2".
 9. ARCH IS FASTENED TO SILL JAMB AT THE CORNERS USING A BUTT JOINT AND 3 STAPLES AS DESCRIBED IN THE FASTENER LIST ON PAGE 1.
 10. QUARTER ROUND - SIDE JAMB AND SILL ARE FASTENED AT CORNERS WITH BUTT JOINT AND 2 2-1/2" STAPLES.

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MAY 31 2001
 BY Manuel Perez
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-1011.02

TITLE UNIT, IMPACT CIRCLE TOP	
Andersen Corporation Boypart, Minnesota 55003	
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APPROVE/DATE 3/26/99	DRAWING NUMBER DADE-27086
SHT. 3 OF 3	