



**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

**PGT Industries, Inc.
1070 Technology Drive
Nokomis, FL 34275**

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 "F6000" Aluminum Fixed Window

APPROVAL DOCUMENT: Drawing No. 550, titled "Aluminum Fixed Window, Non-Impact", sheets 1 through 10 of 10, dated 10/24/00, with revision I dated 5/2/05, prepared by manufacturer, signed and sealed by Robert L. Clark, 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: 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 renews NOA # 05-0725.11 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



**NOA No 06-0601.02
Expiration Date: September 13, 2011
Approval Date: August 3, 2006
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No 550, Sheets 1 through 10 of 10, titled "Aluminum Fixed Window, Non-Impact", prepared by manufacturer, dated 10/24/00 with revision I dated 5/2/05, signed and sealed by Robert L. Clark, 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
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-4340, dated 09/27/04, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under NOA # 04-1104.02)
2. 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
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-4339, dated 09/27/04, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under NOA # 04-1104.02)
3. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-03109, dated 8/1/03, signed and sealed by Joseph C. Chan, P.E.
(Submitted under NOA # 04-1104.02)
4. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
along with marked-up drawings and installation diagram of aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-00141, dated 09/27/00, signed and sealed by Joseph C. Chan, P.E.
(Submitted under NOA # 04-1104.02)

C. CALCULATIONS

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by manufacturer, dated 7/18/05, signed and sealed by Robert L. Clark, P.E.
Complies with ASTM E1300-98/02 *(Submitted under NOA # 05-0725.11)*
2. Anchor Calculations, ASTM- E1300, and structural analysis, prepared by PGT Industries, dated 1/8/04, signed and sealed by Robert L. Clark, P.E.
(Submitted under NOA # 04-1104.02")


Manuel Perez, P.E.
Product Control Examiner
NOA No 06-0601.02

Expiration Date: September 13, 2011
Approval Date: August 3, 2006

PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

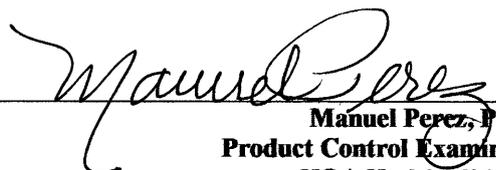
1. None

F. STATEMENTS

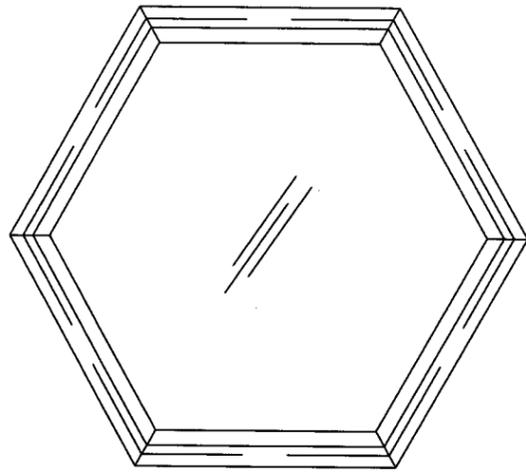
1. Statement letter of no financial interest, dated May 30, 2006 signed and sealed by Robert L. Clark, P.E.
2. Statement letter of Code Compliance issued by PGT Industries on May 30, 2006 signed and sealed by Robert L. Clark, P.E.

G. OTHER

1. Notice of Acceptance No. **05-0725.11**, issued to PGT Industries, Series "F6000" **Aluminum Fixed Window**, approved on 09/22/05 and expiring on 09/13/06.

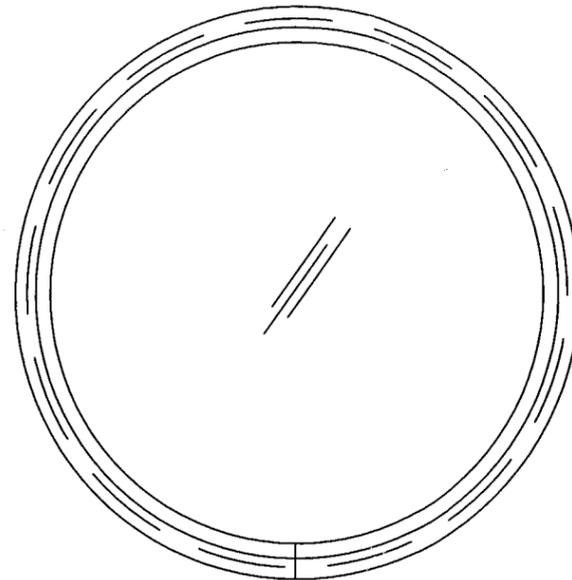


Manuel Perez, P.E.
Product Control Examiner
NOA No 06-0601.02
Expiration Date: September 13, 2011
Approval Date: August 3, 2006



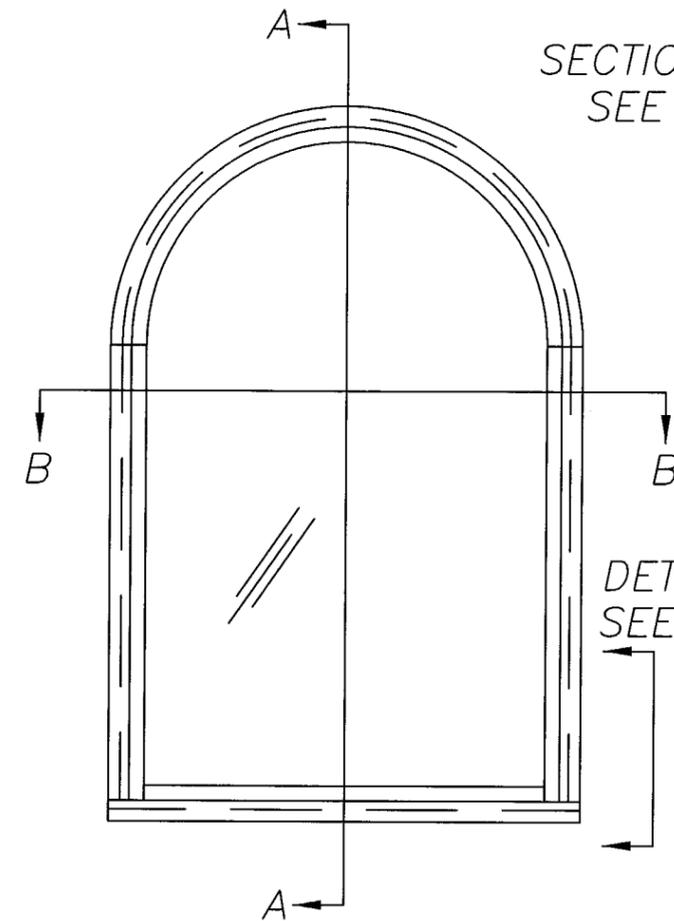
HEXAGON

60" BETWEEN FLATS
Maximum Area 21.65 sq. ft.



FULL CIRCLE

ø60"
Maximum Area 19.64 sq. ft.

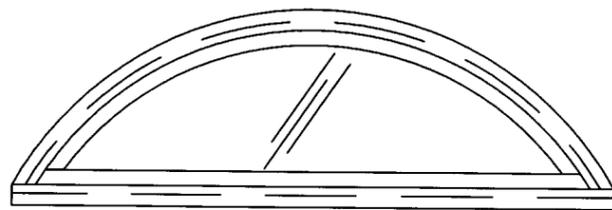


SECTION DETAILS
SEE SHEET 5

DETAIL C
SEE SHT. 8

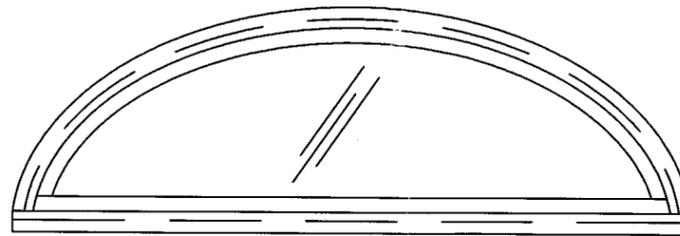
ARCH.

60" x 120"
Maximum Area 47.32 sq. ft.



FAN

120" x 55"
Maximum Area 35.20 sq. ft.



ELLIPTICAL

120" x 48"
Maximum Area 31.46 sq. ft.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0601-02
Expiration Date SEPT. 13, 2011
By *Manuel Paez*
Miami-Dade Product Control
Division

NOTES: NON-IMPACT WINDOWS (TEMPERED GLASS SHTS. 1 & 2)

- 1.) GLAZING OPTIONS: 3/16" TEMPERED OR I.G. GLASS (3/16"T, AIR SPACE, 3/16"T). SEE GLAZING DETAILS SHEET 8.
[1/4" TEMPERED GLASS MAY BE SUBSTITUTED FOR 3/16" TEMPERED]
- 2.) CONFIGURATIONS: 0
- 3.) FOR DESIGN PRESSURE RATING SEE COMPARATIVE ANALYSIS ON SHT. 9 OF 10.
- 4.) SEE SHEET 9 OF 10 FOR ANCHORAGE SPACING AND SHEETS 5 & 6 OF 10 FOR ANCHORAGE DETAILS.
- 5.) MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED IN MIAMI-DADE COUNTY AND WHERE IMPACT RESISTANCE IS REQUIRED.
- 6.) SEE DETAILS C, D & E ON SHEET 8 OF 10 FOR CORNER ASSEMBLY.
- 7.) REFERENCE TEST REPORTS: FTL-2818, 2819, 2820, 3853, 4339 & 4340.
- 8.) F-6000 MAY ALSO BE REFERRED TO AS F6000, PW6000 OR AR6000.

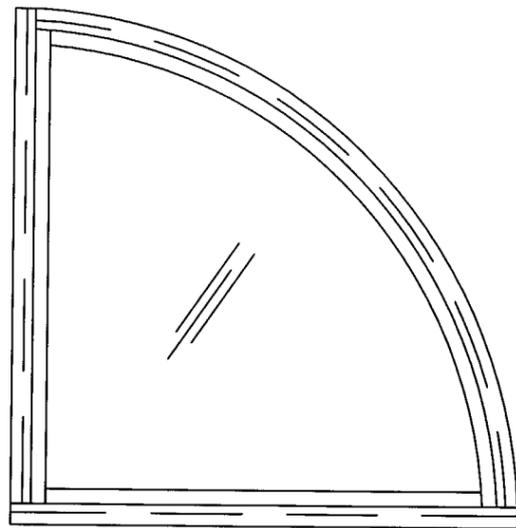
Revsd By: F.K.	Date: 5/2/05	Revisions: I-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/06/04	Revisions: G-ADD FTL-4340 TO NOTE 7
Revsd By: F.K.	Date: 10/14/04	Revisions: F-ADD I.G. GLASS OPTION & UPDATE NOTES
Drawn By: J.J.	Date: 10/24/00	

[Signature]
5/30/06
Robert L. Clark, P.E.
PE #39712
Structural



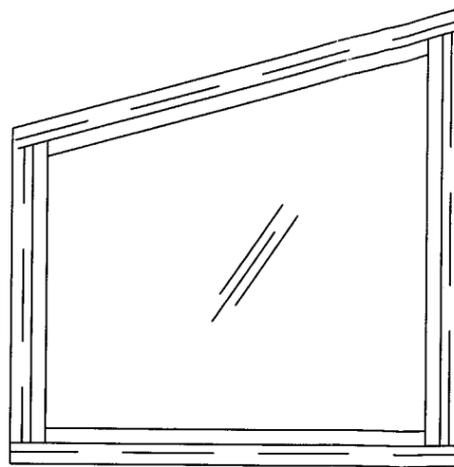
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ELEVATIONS, 3/16" T & TEMPERED I.G. GLASS
Title:
ALUMINUM FIXED WINDOW, NON-IMPACT

1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: F-6000	Scale: NTS	Sheet: 1 of 10	Drawing No. 550	Rev: I
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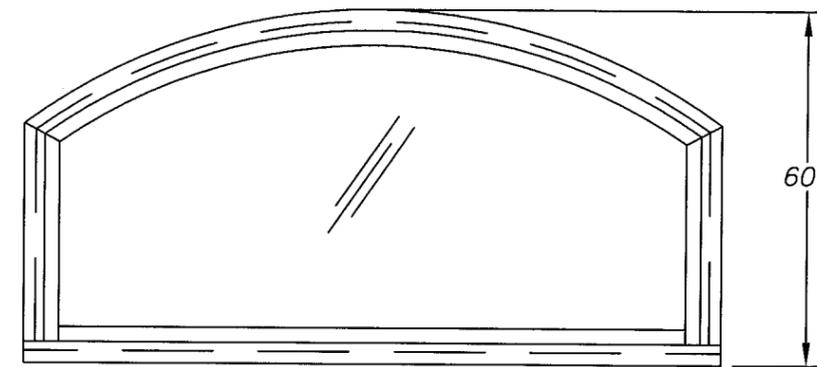
QUARTER CIRCLE

68" x 68"
Maximum Area 25.22 sq. ft.



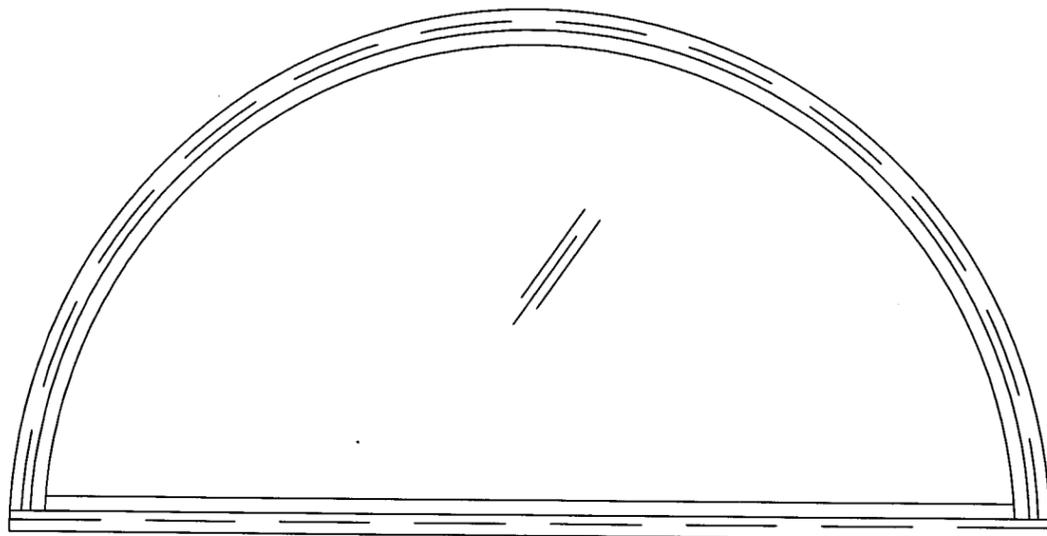
TRAPEZOID

60" x 120"
Maximum Area 43.75 sq. ft.



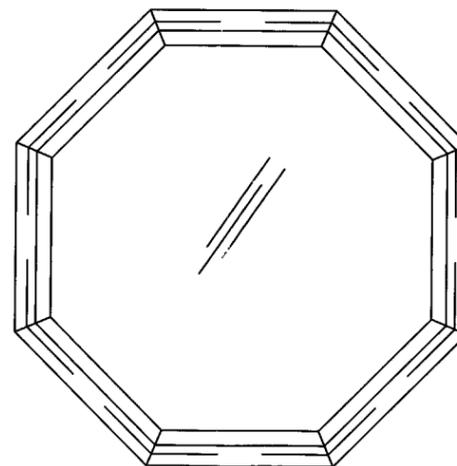
EYEBROW

120" x 60"
Maximum Area 49.90 sq. ft.



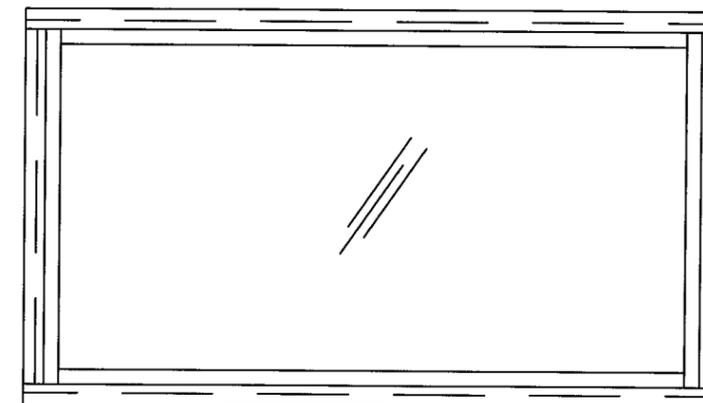
HALF CIRCLE

120" x 60"
Maximum Area 39.27 sq. ft.



OCTAGON

60" x 60"
Maximum Area 20.71 sq. ft.



RECTANGLE

60" x 120"
Maximum Area 50.00 sq. ft.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0601.02
Expiration Date SEPT. 13, 2011
By *Mauro Jara*
Miami Dade Product Control
Division

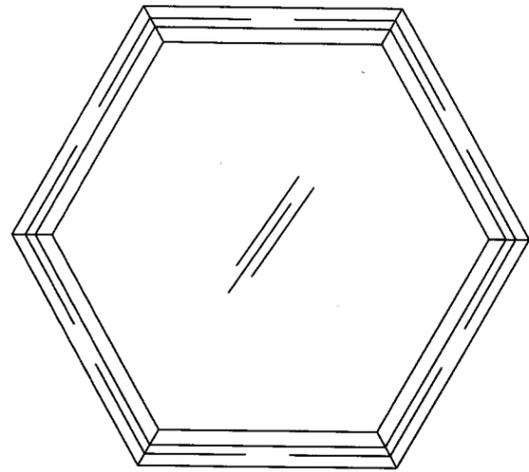
Revsd By: F.K.	Date: 5/2/05	Revisions: I-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/06/04	Revisions: G-CORRECT EYEBROW DIMENSIONS
Revsd By: F.K.	Date: 10/14/04	Revisions: F-REMOVE REDUNDANT NOTATIONS
Drawn By: J.J.	Date: 10/24/00	

Robert L. Clark
5/30/06
Robert L. Clark, P.E.
PE #39712
Structural



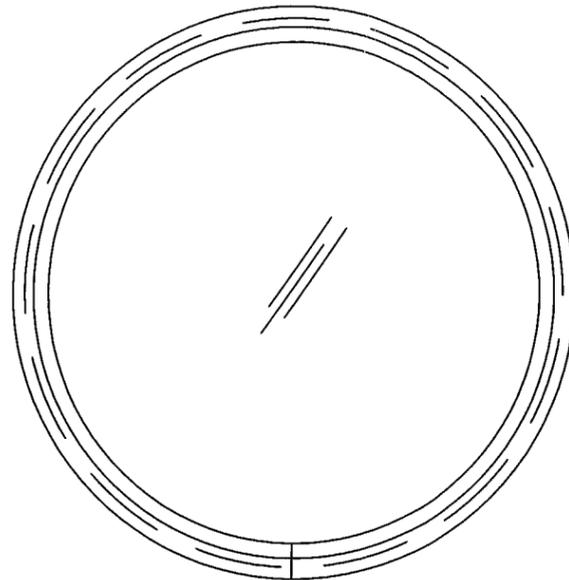
Description: ELEVATIONS, 3/16" T & TEMPERED I.G. GLASS
Title: ALUMINUM FIXED WINDOW, NON-IMPACT

1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: F-6000	Scale: NTS	Sheet: 2 of 10	Drawing No. 550	Rev: I
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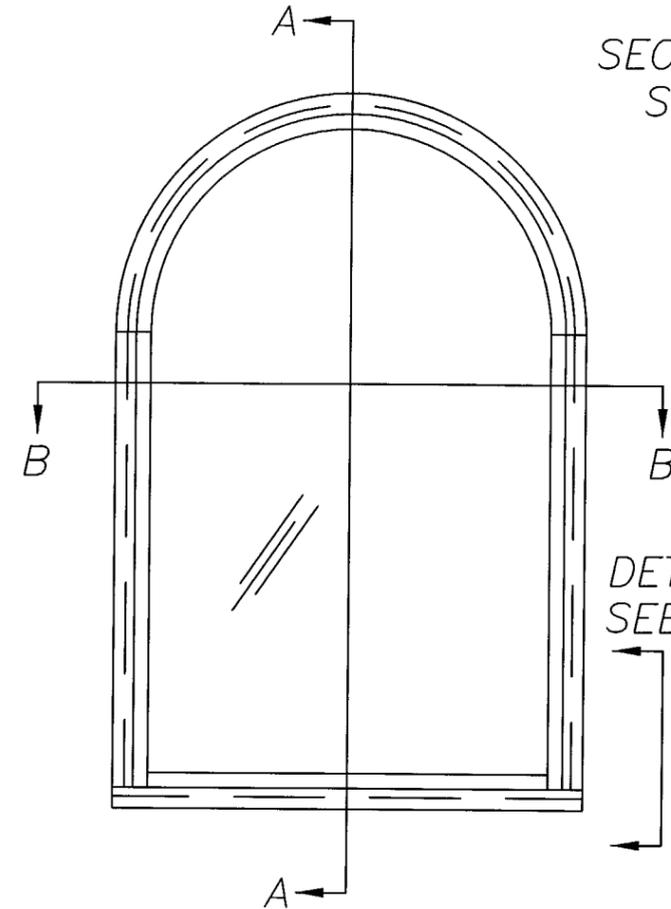
HEXAGON

48" BETWEEN FLATS
Maximum Area 13.86 sq. ft.



FULL CIRCLE

ø48"
Maximum Area 12.57 sq. ft.

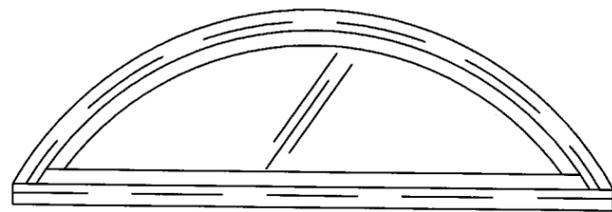


ARCH.

37" x 74"
Maximum Area 17.99 sq. ft.

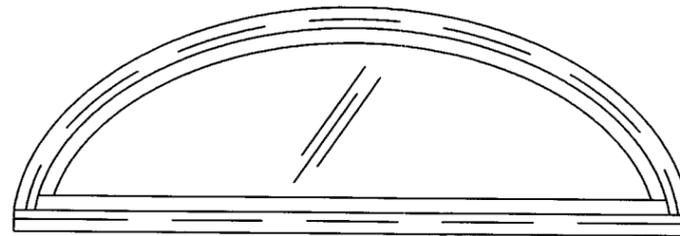
SECTION DETAILS
SEE SHEET 5

DETAIL C
SEE SHT. 8



FAN

74" x 36"
Maximum Area 14.42 sq. ft.



ELLIPTICAL

74" x 36"
Maximum Area 14.53 sq. ft.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0601-02
Expiration Date SEPT. 13, 2011

By Mauricio Perez
Miami/Dade Product Control
Division

NOTES: NON-IMPACT WINDOWS (ANNEALED GLASS SHTS. 3 & 4)

- 1.) GLAZING OPTIONS: 3/16" ANNEALED OR I.G. GLASS (3/16"A, AIR SPACE, 3/16"A). SEE GLAZING DETAILS SHEET 8.
[1/4" ANNEALED GLASS MAY BE SUBSTITUTED FOR 3/16" ANNEALED]
- 2.) CONFIGURATIONS: 0
- 3.) FOR DESIGN PRESSURE RATING SEE COMPARATIVE ANALYSIS ON SHT. 10 OF 10.
- 4.) SEE SHEET 10 OF 10 FOR ANCHORAGE SPACING AND SHEETS 5 & 6 OF 10 FOR ANCHORAGE DETAILS.
- 5.) MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED IN MIAMI-DADE COUNTY AND WHERE IMPACT RESISTANCE IS REQUIRED.
- 6.) SEE DETAILS C, D & E ON SHEET 8 OF 10 FOR CORNER ASSEMBLY.
- 7.) REFERENCE TEST REPORTS: FTL-2748, 2756, 2758, 3853 & 4340.
- 8.) F-6000 MAY ALSO BE REFERRED TO AS F6000, PW6000 OR AR6000.

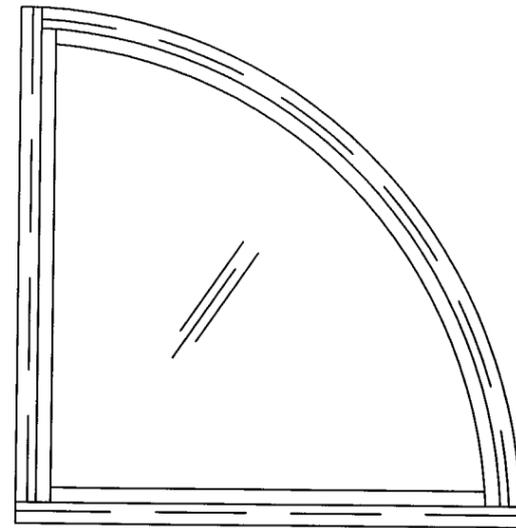
Revsd By: F.K.	Date: 5/2/05	Revisions: I-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 1/17/05	Revisions: H-CORRECT TEST REPORT NUMBERS
Revsd By: F.K.	Date: 12/06/04	Revisions: G-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/14/04	Revisions: F-ADD I.G. GLASS OPTION & UPDATE NOTES
Drawn By: J.J.	Date: 10/24/00	

[Signature]
5/30/04
Robert L. Clark, P.E.
PE #39712
Structural



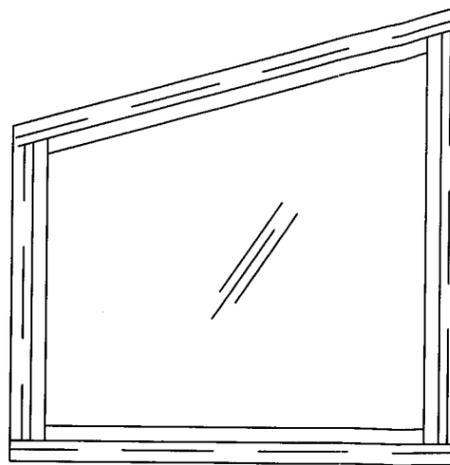
Description:
ELEVATIONS, 3/16"A & ANNEALED I.G. GLASS
Title:
ALUMINUM FIXED WINDOW, NON-IMPACT

1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: F-6000	Scale: NTS	Sheet: 3 of 10	Drawing No. 550	Rev: I
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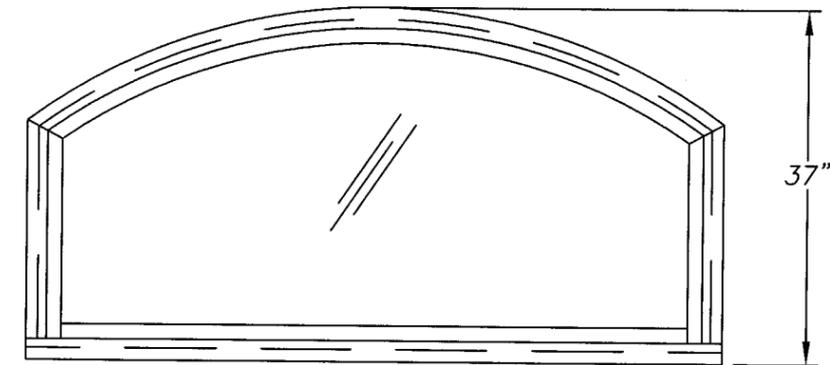
QUARTER CIRCLE

58" x 58"
Maximum Area 18.35 sq. ft.



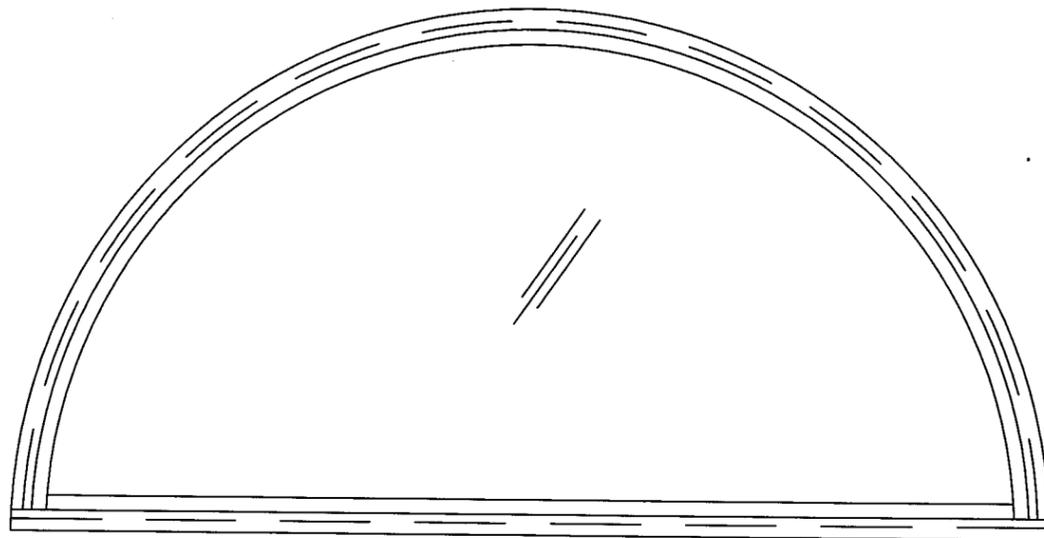
TRAPEZOID

37" x 74"
Maximum Area 14.26 sq. ft.



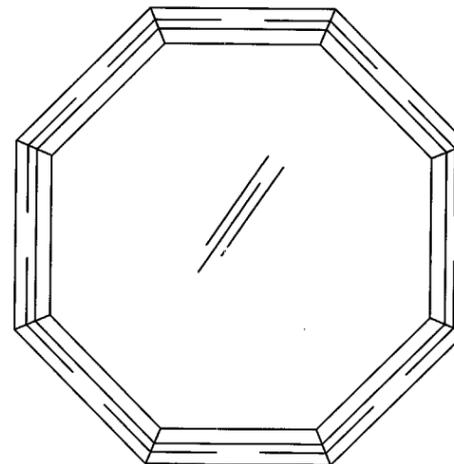
EYEBROW

74" x 37"
Maximum Area 18.90 sq. ft.



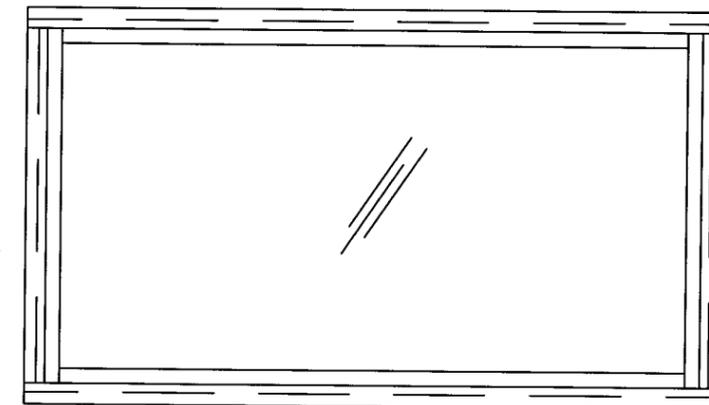
HALF CIRCLE

74" x 37"
Maximum Area 14.93 sq. ft.



OCTAGON

48" x 48"
Maximum Area 13.26 sq. ft.



RECTANGLE

74" x 37"
Maximum Area 19.01 sq. ft.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0601.02
Expiration Date SEPT. 13, 2011
By Mmanuel Perez
Miami Dade Product Control
Division

Revsd By: F.K.	Date: 5/2/05	Revisions: I-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/06/04	Revisions: G-UPDATED EYEBROW MAX. AREA
Revsd By: F.K.	Date: 10/14/04	Revisions: F-REMOVE REDUNDANT NOTATIONS
Drawn By: J.J.	Date: 10/24/00	

[Signature]
5/30/06
Robert L. Clark, P.E.
PE #39712
Structural

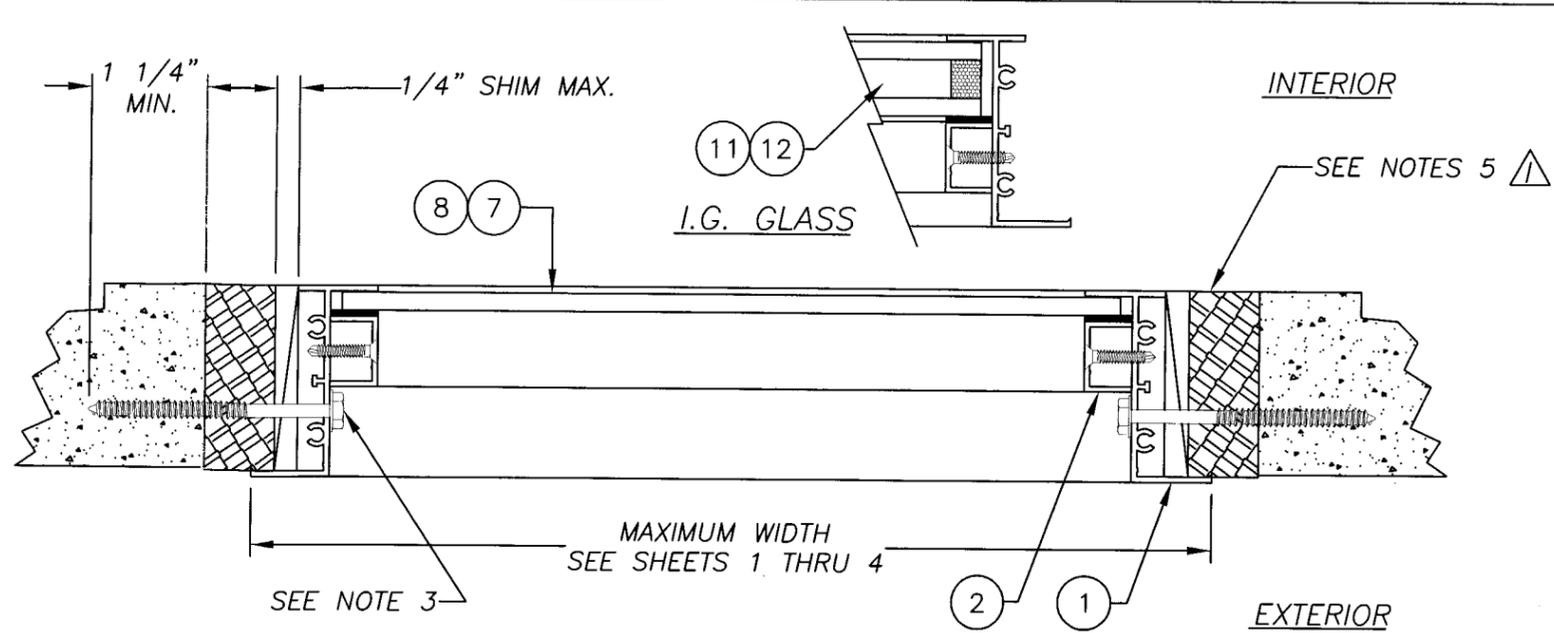
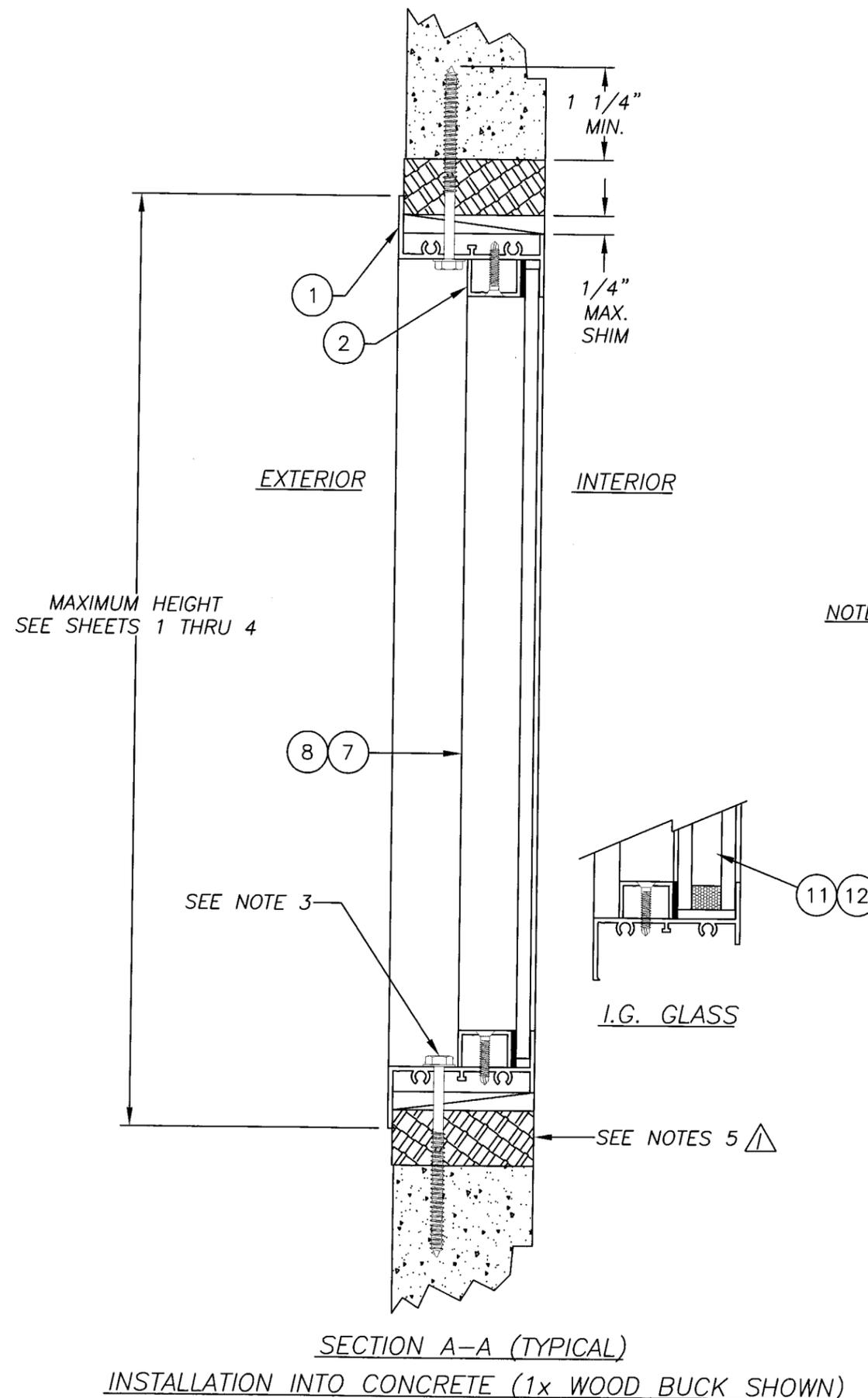


1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Description:
ELEVATIONS, 3/16" A & ANNEALED I.G. GLASS
Title:
ALUMINUM FIXED WINDOW, NON-IMPACT

Series/Model: F-6000	Scale: NTS	Sheet: 4 of 10	Drawing No. 550	Rev: I
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SECTION B-B TYPICAL
INSTALLATION INTO CONCRETE (1x WOOD BUCK SHOWN)

- NOTES:**
1. MAXIMUM OVERALL DIMENSIONS ARE APPLICABLE TO SECTIONED ARCHITECTURAL SHAPES. ANCHORAGE METHODS ARE APPLICABLE TO ALL SHAPES AND GLASS OPTIONS SHOWN ON SHEETS 1 THROUGH 4 OF 10.
 2. REFERENCE TEST REPORTS: FTL-2818, FTL-2819, FTL-2820, FTL-2748, FTL-2756, FTL-2758, FTL-3853, FTL-4339 & FTL-4340.
 3. FOR CONCRETE APPLICATIONS IN MIAMI-DADE USE ONLY MIAMI-DADE COUNTY APPROVED 1/4" TAPCONS (HEX HEAD SHOWN, ALTERNATELY MAY USE THE 1/4" TAPCON W/ #12 FLAT HEAD, C'SINK REQUIRED).
 4. FOR WOOD APPLICATIONS 1/4" SS4 CRETE-FLEX OR 1/4" TAPCONS ARE APPROVED FOR USE IN PLACE OF #12 SCREWS.
 5. WOOD BUCKS DEPICTED IN THE SECTIONS ON THESE PAGES AS 1x ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1 1/2". 1x WOOD BUCKS ARE OPTIONAL IF UNIT CAN BE INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS 2x ARE 1 1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
 6. FOR ATTACHMENT TO ALUMINUM: THE MATERIAL SHALL BE A MINIMUM STRENGTH OF 6063-T5 AND A MINIMUM OF 1/8" THICK. THE ALUMINUM STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE WINDOW SIMILAR TO THAT SHOWN IN THE DETAILS ON THESE SHEETS FOR 2x WOOD BUCKS. THE ANCHOR SHALL BE A #12 SHEET METAL SCREW WITH FULL ENGAGEMENT INTO THE ALUMINUM. IF THESE CRITERIA ARE MET, THE PRESSURES AND ANCHOR SPACING SHOWN ON SHEETS 9 AND 10 FOR #12 SCREWS MAY BE USED.
 7. SEE ALTERNATE ANCHORAGE METHODS ON SHEET 6 OF 10.
 8. SEE SHEETS 9 AND 10 FOR APPROPRIATE ANCHOR SPACING.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **06-0601-02**
Expiration Date **SEPT. 13, 2011**
By *Manuel Perez*
Miami Dade Product Control
Division

Revsd By: F.K.	Date: 5/2/05	Revisions: I-UPDATE ANCHORAGE NOTES 4, 5 & 6
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/06/04	Revisions: G-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/14/04	Revisions: F-ADD I.G. OPTION AND UPDATE NOTES

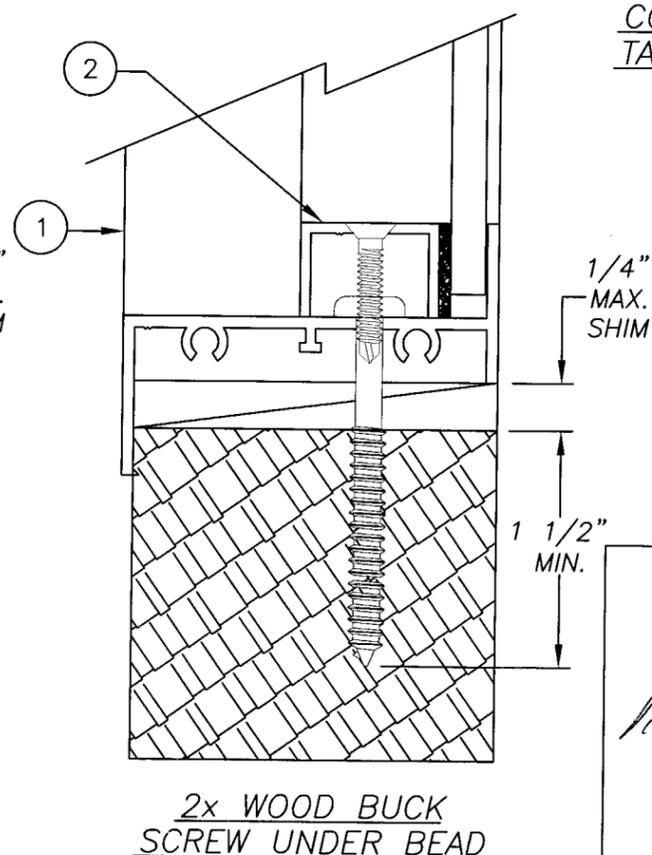
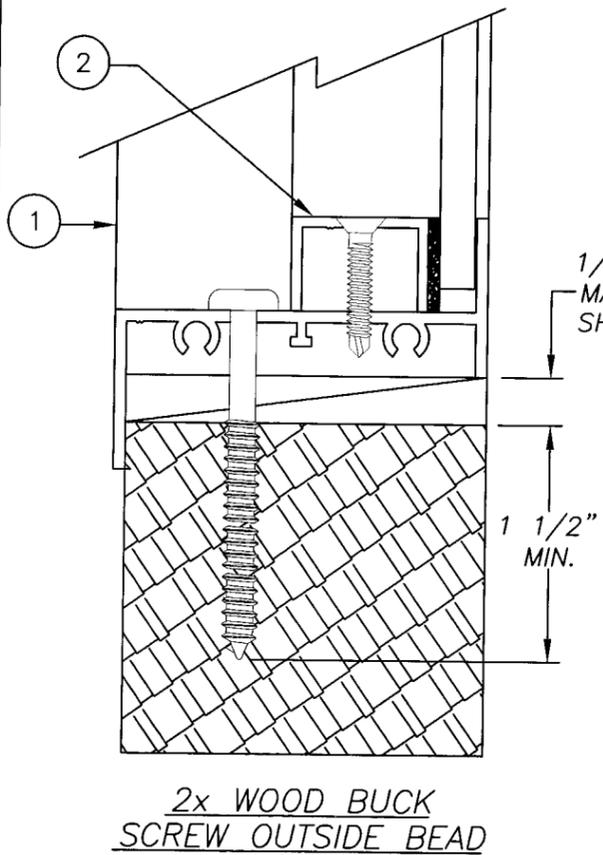
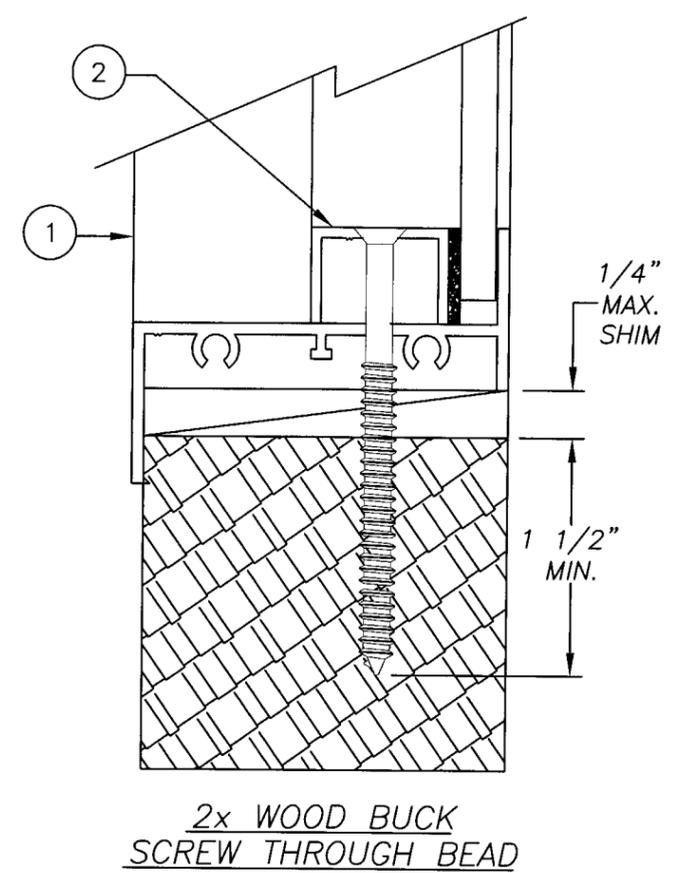
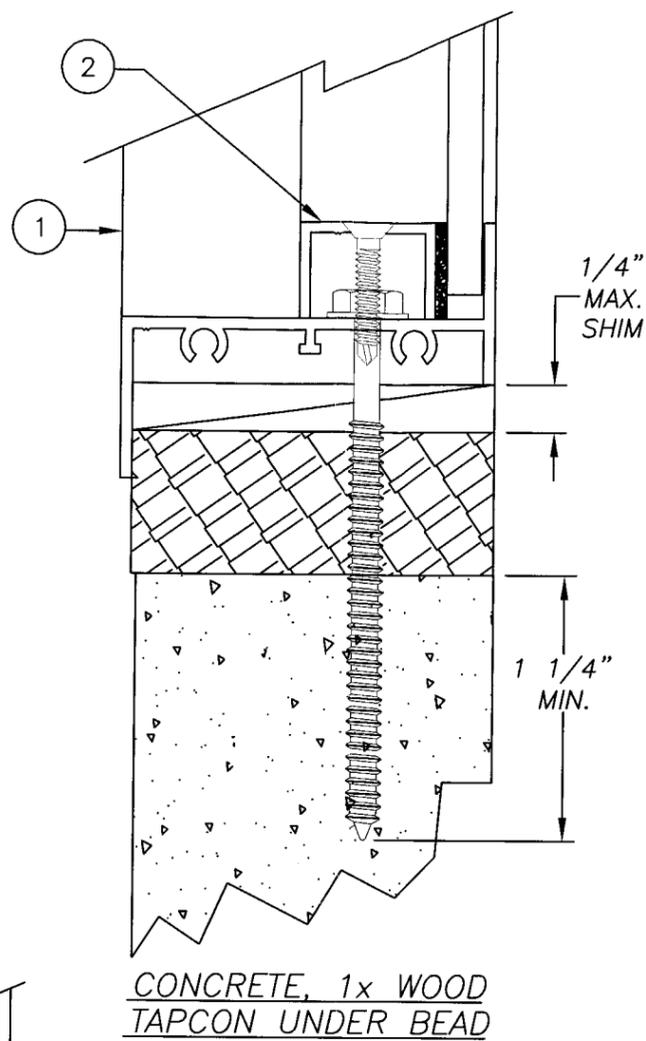
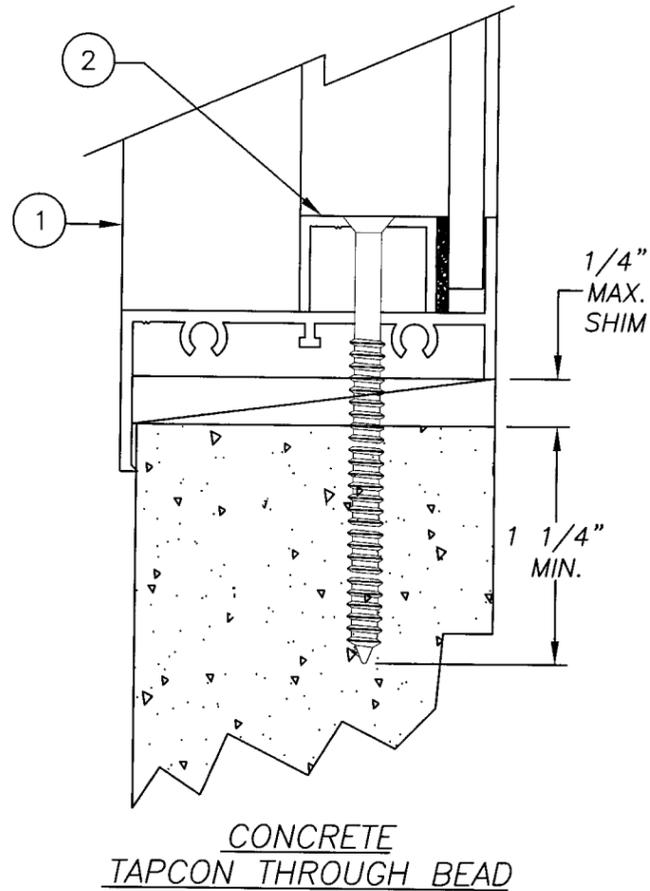
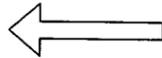
[Signature]
5/30/06
Robert L. Clark, P.E.
PE #39712
Structural



Drawn By: J.J. Date: 10/24/00
Description: SECTIONS W/ ANCHORS OUTSIDE BEAD
Title: ALUMINUM FIXED WINDOW, NON-IMPACT

1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: F-6000	Scale: NTS	Sheet: 5 of 10	Drawing No. 550	Rev: I
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EXTERIOR ALL



- NOTES: 1. NOTES 3 THROUGH 7 ON SHEET 5 OF 10 APPLY TO APPLICABLE ALTERNATE INSTALLATION METHODS. ALTERNATE INSTALLATION METHODS APPLY TO ALL GLASS OPTIONS AND ARCHITECTURAL SHAPES.
2. ALTERNATE INSTALLATION METHODS APPLY TO HEAD, SILL AND JAMBS.
3. SEE SHEETS 9 AND 10 FOR APPROPRIATE ANCHOR SPACING.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0601.02
Expiration Date SEPT. 13, 2011

By Maurice Gray
Miami Code Product Control
Division

Revsd By: F.K.	Date: 5/2/05	Revisions: I-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/06/04	Revisions: G-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/14/04	Revisions: F-REDRAW ALTERNATE ANCHORAGE SHEET.

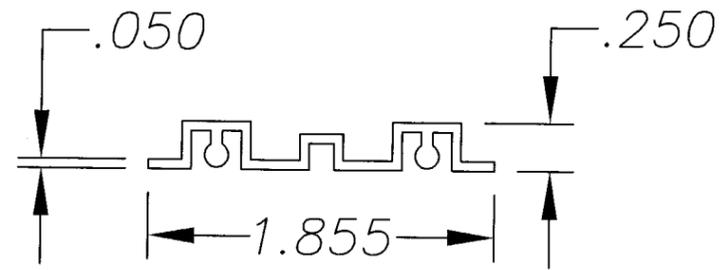
Drawn By: J.J. Date: 10/24/00

Description:
ALTERNATE ANCHORAGE DETAILS
Title:
ALUMINUM FIXED WINDOW, NON-IMPACT

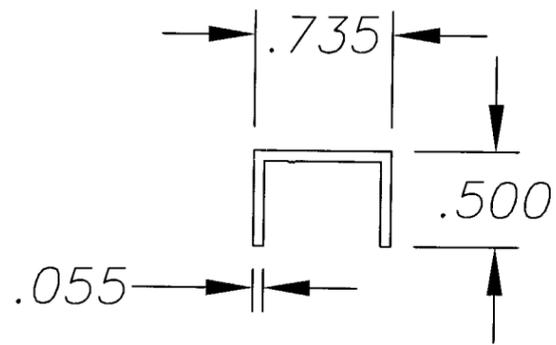
Robert L. Clark, P.E.
PE #39712
Structural



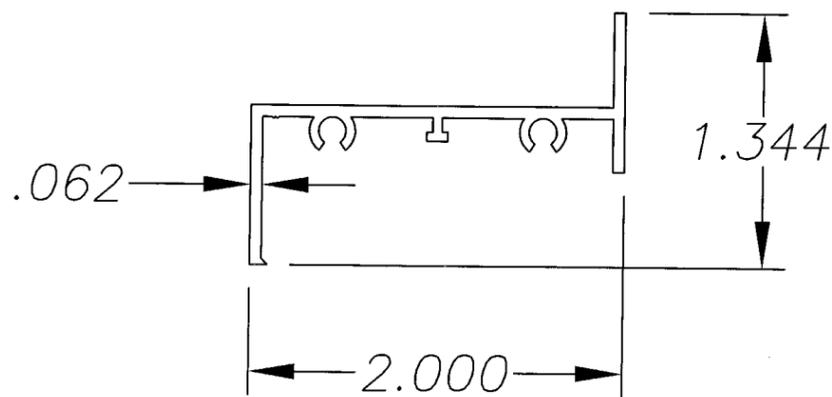
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274 Series/Model: F-6000 Scale: NTS Sheet: 6 of 10 Drawing No. 550 Rev: I



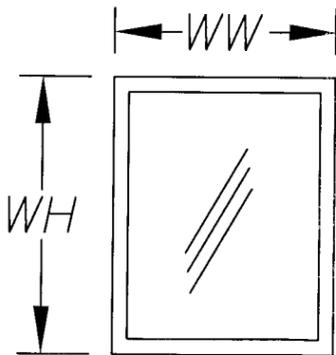
⑩ 6063-T4
FRAME CONNECTOR



② 6063-T5
GLAZING BEAD



① 6063-T5
FRAME



VISIBLE LIGHT CALCULATION

WINDOW WIDTH "TIP TO TIP" - 2.688"
WINDOW HEIGHT "TIP TO TIP" - 2.688"

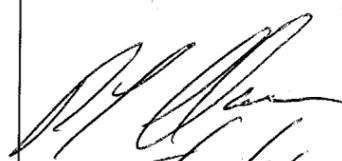
MK.	PART #	DESCRIPTION	VENDOR	VENDOR #
1	66389	FRAME HEAD, SILL & JAMB	ALUMAX OR =	AF-8342
2	61168	U-CHANNEL GLAZING BEAD	ALUMAX OR =	AF-1168
3	7834	#8 x 3/4 PN. PH. SMS	SPENCER OR =	
4		SILICON BACK BEDDING	DOW CORNING #899, #995 OR #983	
5	61308K	CLOSED CELL FOAM TAPE	TAPE SPECIALISTS OF FL OR =	
6	6SM55W	SEAM SEALER	SCHNEE/MOREHEAD OR =	SM5504
7		3/16" ANNEALED GLASS, PGT OR EQUAL		
8		3/16" TEMPERED GLASS, PGT OR EQUAL		
9	7PWSW	#6 x 7/8 FL. PH. TEK	SPENCER OR =	
10	513	ARCHITECTURAL FRAME CONNECTOR 6063-T4 ALUM.		6513M
11		ANNEALED I.G GLASS (3/16"A, AIR SPACE, 3/16"A)		
12		TEMPERED I.G. GLASS (3/16"T, AIR SPACE, 3/16"T)		

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Expiration Date SEPT. 13, 2011
By Manuel Perez
Miami Dade Product Control
Division

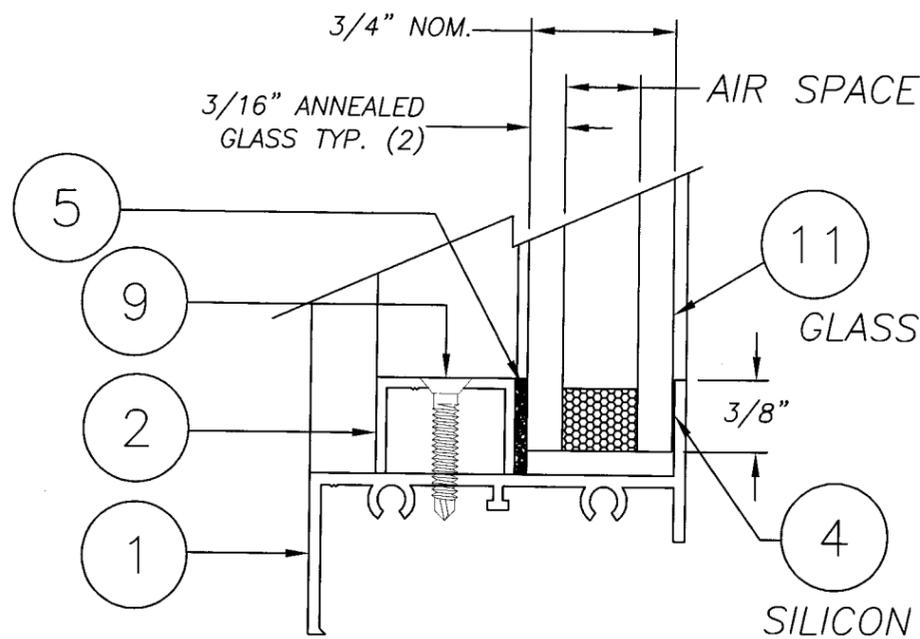
Revsd By: F.K.	Date: 5/2/05	Revisions: I-NO CHG THIS SHT
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHG THIS SHT
Revsd By: F.K.	Date: 12/06/04	Revisions: G-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/14/04	Revisions: F-UPDATE NOS. 1, 4, 7 & 10 AND ADD ITEMS 11 & 12

Drawn By: J.J. Date: 10/24/00

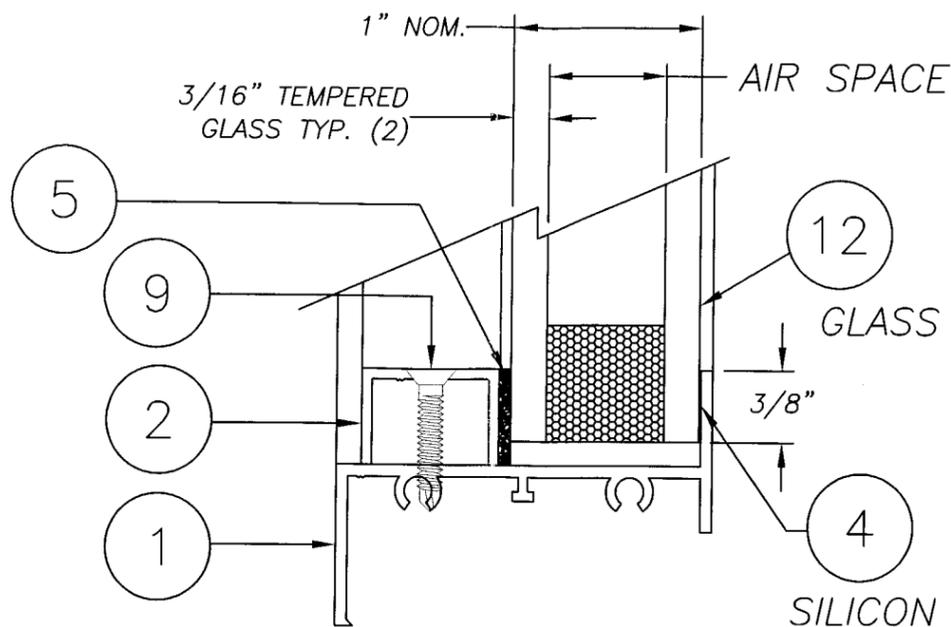
Description:
EXTRUSION PROFILES & PARTS LIST
Title:
ALUMINUM FIXED WINDOW, NON-IMPACT


5/30/06
Robert L. Clark, P.E.
PE #39712
Structural

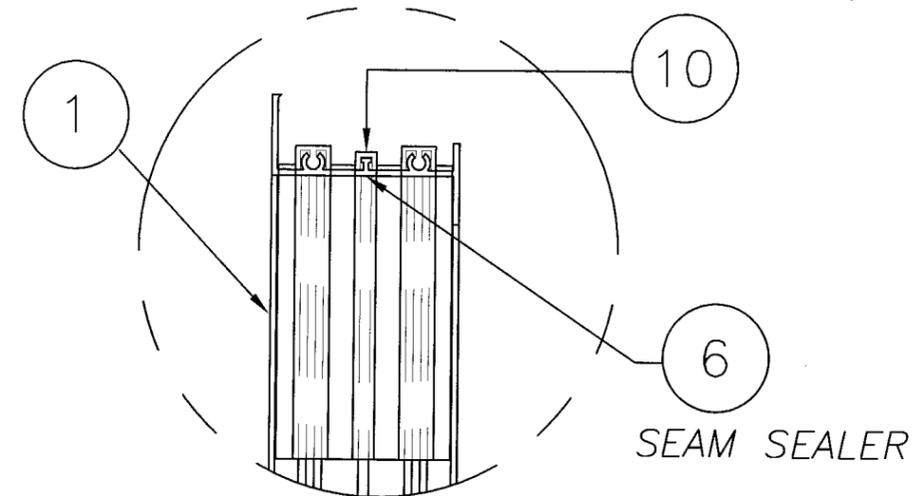




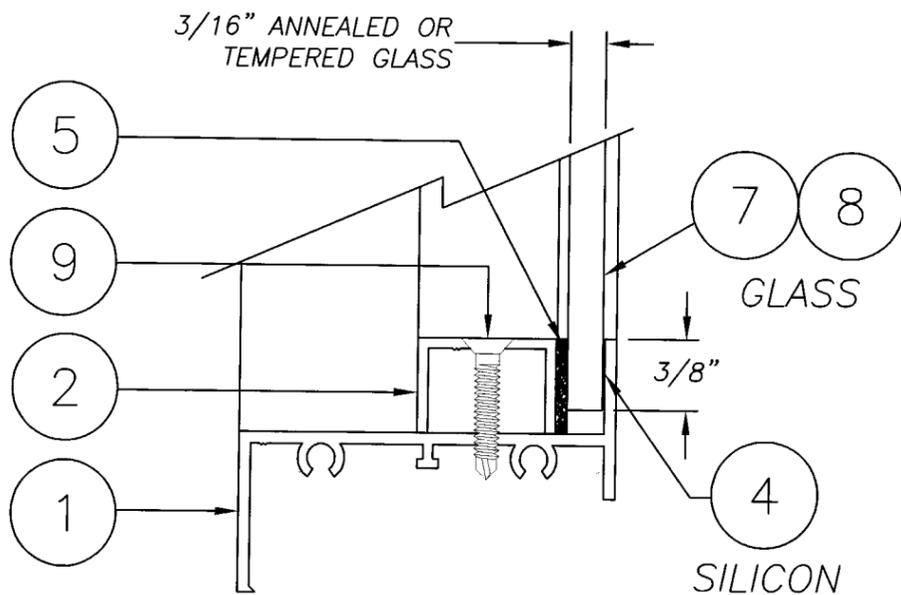
GLAZING DETAIL
3/4" I.G. GLASS



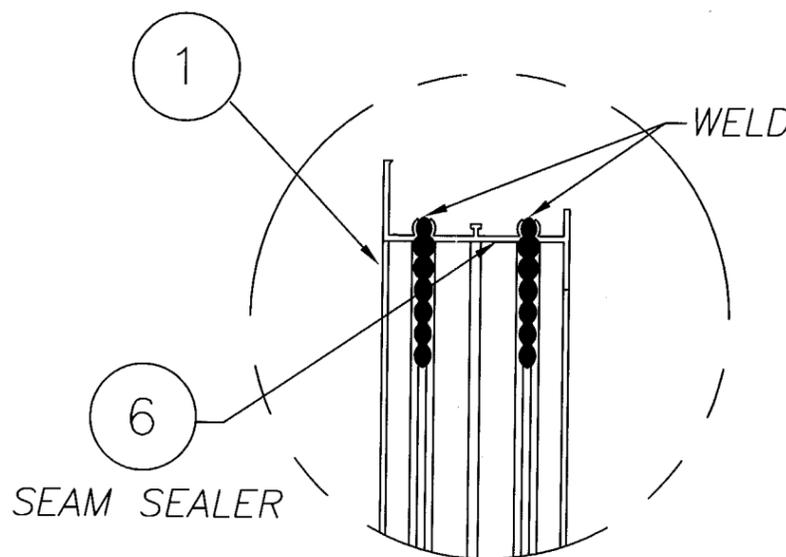
GLAZING DETAIL
1" I.G. GLASS



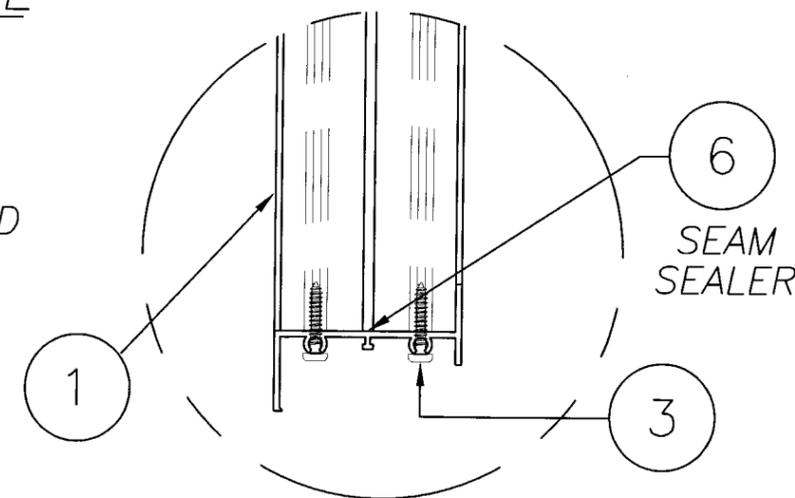
DETAIL D
KEYED CORNER ASSEMBLY



GLAZING DETAIL
MONOLITHIC GLASS



DETAIL E
WELDED CORNER ASSEMBLY



DETAIL C
90° SCREWED CORNER ASSEMBLY

PRODUCT RENEWED
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Expiration Date SEPT. 13, 2011
By Manuel Perez
Miami Made Product Control
Division

REFERENCE TEST REPORTS:
FTL-2818, 2819, 2820, 2748, 2756, 2758, 3853, 4339 & 4340.

[Signature]
5/30/06
Robert L. Clark, P.E.
PE #39712
Structural



1070 TECHNOLOGY DRIVE P.O. BOX 1529 Series/Model: Scale: Sheet: Drawing No. Rev:
NOKOMIS, FL 34275 NOKOMIS, FL 34274 F-6000 NTS 8 of 10 550 I

Revsd By: F.K.	Date: 5/2/05	Revisions: 1-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/06/04	Revisions: G-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/14/04	Revisions: F-UPDATE MONOLITHIC & ADD I.G. GLAZING DETAILS
Drawn By: J.J.	Date: 10/24/00	

Description:
GLAZING & CORNER DETAILS
Title:
ALUMINUM FIXED WINDOW, NON-IMPACT

- NOTES:**
1. NEGATIVE DESIGN LOADS BASED ON COMPARATIVE ANALYSIS AND GLASS TABLES ASTM E 1300-98.
 2. POSITIVE DESIGN LOADS BASED ON WATER PRESSURE AND GLASS TABLES ASTM E 1300-98.
 3. DESIGN PRESSURES UNDER 40 PSF NOT APPLICABLE IN MIAMI-DADE COUNTY.
 4. ANCHORAGE:
 - A. THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.
 - B. #12 SCREWS - WINDOW, LONG DIMENSION:
 TO DESIGN PRESSURE OF 16.6 PSF - 26 1/4" MAX. FROM CORNERS AND 22 1/2" MAX. O.C.
 OVER 16.6 AND TO 25.0 PSF - 22 1/2" MAX. FROM CORNERS AND 15" MAX. O.C.
 OVER 25.0 AND TO 40.0 PSF - 19" MAX. FROM CORNERS AND 9 3/8" MAX. O.C.
 OVER 40.0 TO FULL DP - 16 1/4" MAX. FROM CORNERS AND 6 3/8" MAX. O.C.
 - C. #12 SCREWS - WINDOW, SHORT DIMENSION:
 TO DESIGN PRESSURE OF 16.6 PSF - 15" MAX. FROM CORNERS AND 30" MAX. O.C.
 OVER 16.6 AND TO 25.0 PSF - 15" MAX. FROM CORNERS AND 15" MAX. O.C.
 OVER 25.0 AND TO 40.0 PSF - 15" MAX. FROM CORNERS AND 10 3/4" MAX. O.C.
 OVER 40.0 TO FULL DP - 15" MAX. FROM CORNERS AND 6 3/4" MAX. O.C.
 - D. 1/4" TAPCONS - WINDOW, LONG DIMENSION:
 TO DESIGN PRESSURE OF 24.3 PSF - 26 1/4" MAX. FROM CORNERS AND 22 1/2" MAX. O.C.
 OVER 24.3 AND TO 36.5 PSF - 22 1/2" MAX. FROM CORNERS AND 15" MAX. O.C.
 OVER 36.5 TO FULL DP - 19" MAX. FROM CORNERS AND 9 3/8" MAX. O.C.
 - E. 1/4" TAPCONS - WINDOW, SHORT DIMENSION:
 TO DESIGN PRESSURE OF 24.3 PSF - 15" MAX. FROM CORNERS AND 30" MAX. O.C.
 OVER 24.3 AND TO 36.5 PSF - 15" MAX. FROM CORNERS AND 15" MAX. O.C.
 OVER 36.5 TO FULL DP - 15" MAX. FROM CORNERS AND 10 3/4" MAX. O.C.

Table 1. COMPARATIVE ANALYSIS

GLASS: 3/16" TEMPERED OR TEMPERED I.G.(3/16"T, SPACE ,3/16"T)
 TEST REPORTS: FTL-2818, FTL-2819, FTL-2820, FTL-3853 & FTL-4339

WINDOW WIDTH	WINDOW HEIGHT							
	26.000		39.000		51.000		60.000	
19.125	+100.0	-135.0	+100.0	-135.0	+100.0	-135.0	+100.0	-135.0
24.000	+100.0	-135.0	+100.0	-135.0	+100.0	-135.0	+100.0	-135.0
26.500	+100.0	-135.0	+100.0	-135.0	+100.0	-135.0	+100.0	-135.0
37.000	+100.0	-135.0	+100.0	-135.0	+100.0	-135.0	+100.0	-135.0
48.000	+100.0	-135.0	+100.0	-135.0	+90.6	-90.6	+90.6	-90.6
60.000	+100.0	-135.0	+100.0	-135.0	+80.3	-80.3	+58.0	-58.0
97.000	+100.0	-135.0	+78.9	-78.9	+77.2	-77.2	+58.0	-58.0
111.000	+100.0	-122.9	+69.6	-69.6	+63.0	-63.0	+58.0	-58.0
120.000	+100.0	-112.6	+65.5	-65.5	+55.8	-55.8	+57.3	-57.3

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 06-0601-02
 Expiration Date SEPT. 13, 2011
 By *Manuel Perez*
 Miami Dade Product Control
 Division

Revsd By: F.K.	Date: 5/2/05	Revisions: I-UPDATE NOTES AND ANCHORAGE
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHG THIS SHT
Revsd By: F.K.	Date: 12/06/04	Revisions: G-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/14/04	Revisions: F-UPDATE NOTES, ANCHORAGE & ADD I.G. GLASS OPTION
Drawn By: J.J.	Date: 10/24/00	

Robert L. Clark
 5/30/06
 Robert L. Clark, P.E.
 PE #39712
 Structural



1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274 Series/Model: F-6000 Scale: NTS Sheet: 9 of 10 Drawing No. 550 Rev: I

Description: DESIGN PRESSURES, 3/16" T & TEMPERED I.G. GLASS
 Title: ALUMINUM FIXED WINDOW, NON-IMPACT

Table 2. COMPARATIVE ANALYSIS

GLASS: 3/16" ANNEALED
 TEST REPORTS: FTL-2748, FTL-2756, FTL-2758, FTL-3853
 AND FTL-4340

WINDOW WIDTH	WINDOW HEIGHT			
	26.000		37.000	
19.125	+100.0	-120.0	+100.0	-115.1
24.000	+95.1	-95.1	+85.7	-85.7
26.500	+81.0	-81.0	+77.4	-77.4
37.000	+78.6	-78.6	+40.0	-40.0
48.000	+59.2	-59.2	+40.0	-40.0
53.125	+53.6	-53.6	+40.0	-40.0
60.000	+48.4	-48.4	+37.0	-37.0
74.000	+42.2	-42.2	+28.9	-28.9

NOTES: ⚠

1. NEGATIVE DESIGN LOADS BASED ON COMPARATIVE ANALYSIS AND GLASS TABLES ASTM E 1300-98.
2. POSITIVE DESIGN LOADS BASED ON WATER PRESSURE AND GLASS TABLES ASTM E 1300-98.
3. DESIGN PRESSURES UNDER 40 PSF NOT APPLICABLE IN MIAMI-DADE COUNTY.
4. ANCHORAGE:
 - A. THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.
 - B. #12 SCREWS - WINDOW, LONG DIMENSION:
 TO DESIGN PRESSURE OF 21.9 PSF - 23" MAX. FROM CORNERS AND 30" MAX. O.C.
 OVER 21.9 TO FULL DESIGN PRESSURE - 15 3/16" MAX. FROM CORNERS AND 11 13/16" MAX. FROM CORNERS.
 - C. #12 SCREWS - WINDOW, SHORT DIMENSION:
 TO DESIGN PRESSURE OF 21.9 PSF - 18 1/2" MAX. FROM CORNERS. (1) ANCHOR REQUIRED ON WINDOW CENTERLINE.
 OVER 21.9 TO FULL DESIGN PRESSURE - 15" MAX. FROM CORNERS AND 10 3/4" MAX. O.C.
 - D. 1/4" TAPCONS - WINDOW, LONG DIMENSION:
 TO DESIGN PRESSURE OF 32.0 PSF - 23" MAX. FROM CORNERS AND 30" MAX. O.C.
 OVER 32.0 TO FULL DESIGN PRESSURE - 15 3/16" MAX. FROM CORNERS AND 11 13/16" MAX. FROM CORNERS.
 - E. 1/4" TAPCONS - WINDOW, SHORT DIMENSION:
 TO DESIGN PRESSURE OF 32.0 PSF - 18 1/2" MAX. FROM CORNERS. (1) ANCHOR REQUIRED ON WINDOW CENTERLINE.
 OVER 32.0 TO FULL DESIGN PRESSURE - 15" MAX. FROM CORNERS AND 10 3/4" MAX. O.C.

Table 3. COMPARATIVE ANALYSIS

GLASS: ANNEALED I.G.(3/16"A, AIR SPACE, 3/16"A)
 TEST REPORTS: FTL-2748, FTL-2756, FTL-2758, FTL-3853
 AND FTL-4340

WINDOW WIDTH	WINDOW HEIGHT			
	26.000		37.000	
19.125	+100.0	-150.0	+100.0	-150.0
24.000	+100.0	-150.0	+100.0	-150.0
26.500	+100.0	-150.0	+100.0	-139.4
37.000	+100.0	-141.6	+82.5	-82.5
48.000	+100.0	-106.5	+82.5	-82.5
53.125	+96.4	-96.4	+75.8	-75.8
60.000	+86.0	-86.0	+66.6	-66.6
74.000	+66.2	-66.2	+51.2	-51.2

⚠

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0601.02
 Expiration Date SEPT. 13, 2011
 By *Manuel Jerez*
 Miami Dade Product Control
 Division

Revsd By: F.K.	Date: 5/2/05	Revisions: I-UPDATE ANCHORAGE & CORRECT TABLE 3, 26" H -DP
Revsd By: F.K.	Date: 1/17/05	Revisions: H-NO CHG THIS SHT
Revsd By: F.K.	Date: 12/06/04	Revisions: G-NO CHG THIS SHT
Revsd By: F.K.	Date: 10/14/04	Revisions: F-UPDATE NOTES, ANCHORAGE & ADD I.G. GLASS OPTION
Drawn By: J.J.	Date: 10/24/00	

[Signature]
 5/29/06
 Robert L. Clark, P.E.
 PE #33712
 Structural



Description:
 DESIGN PRESSURES, 3/16"A & ANNEALED I.G. GLASS
 Title:
 ALUMINUM FIXED WINDOW, NON-IMPACT

1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: F-6000	Scale: NTS	Sheet: 10 of 10	Drawing No. 550	Rev: I
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