



**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)

**PGT Industries
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 "FD-101" Aluminum Sidelite

APPROVAL DOCUMENT: Drawing No. 992, titled "Aluminum Sidelite", sheets 1 through 5 of 5, dated 11/17/03, prepared by manufacturer, signed and sealed by Lucas A. Turner, P.E., 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: 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 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 **Theodore Berman, P.E.**



**NOA No 03-1223.01
Expiration Date: March 04, 2009
Approval Date: March 04, 2004**

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **992**, titled "Aluminum Sidelite", sheets 1 through 5 of 5, dated 11/17/03, prepared by manufacturer, signed and sealed by Lucas A. Turner, P.E.

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
along with marked-up drawings and installation diagram of an "Aluminum Sidelite", prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3922**, dated 09/16/03, signed and sealed by Joseph C. Chan, 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
along with marked-up drawings and installation diagram of an O configuration 74" wide by 37" high series PW-701 aluminum fixed window glazed with 3/16" annealed glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3923**, dated 03/16/03, signed and sealed by Joseph C. Chan, P.E.

C. CALCULATIONS

1. Comparative Analysis, ASTM-E1300-98, and Anchor Calculations, prepared by PGT Engineering, dated 12/18/03, signed and sealed by Lucas A. Turner, P. E.

D. QUALITY ASSURANCE

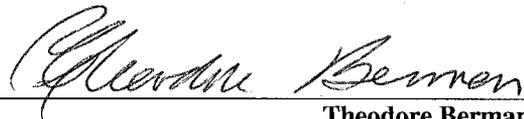
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Laboratory compliance letter for Test Report no. FTL-03137, issued by Fenestration Testing Laboratory, Inc., dated 10/01/03, signed and sealed by Joseph Chan, P.E.
2. Laboratory compliance letter for Test Report no. FTL-03138, issued by Fenestration Testing Laboratory, Inc., dated 10/01/03, signed and sealed by Joseph Chan, P.E.



Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 03-1223.01

Expiration Date: March 04, 2009

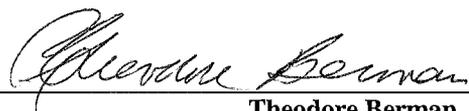
Approval Date: March 04, 2004

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

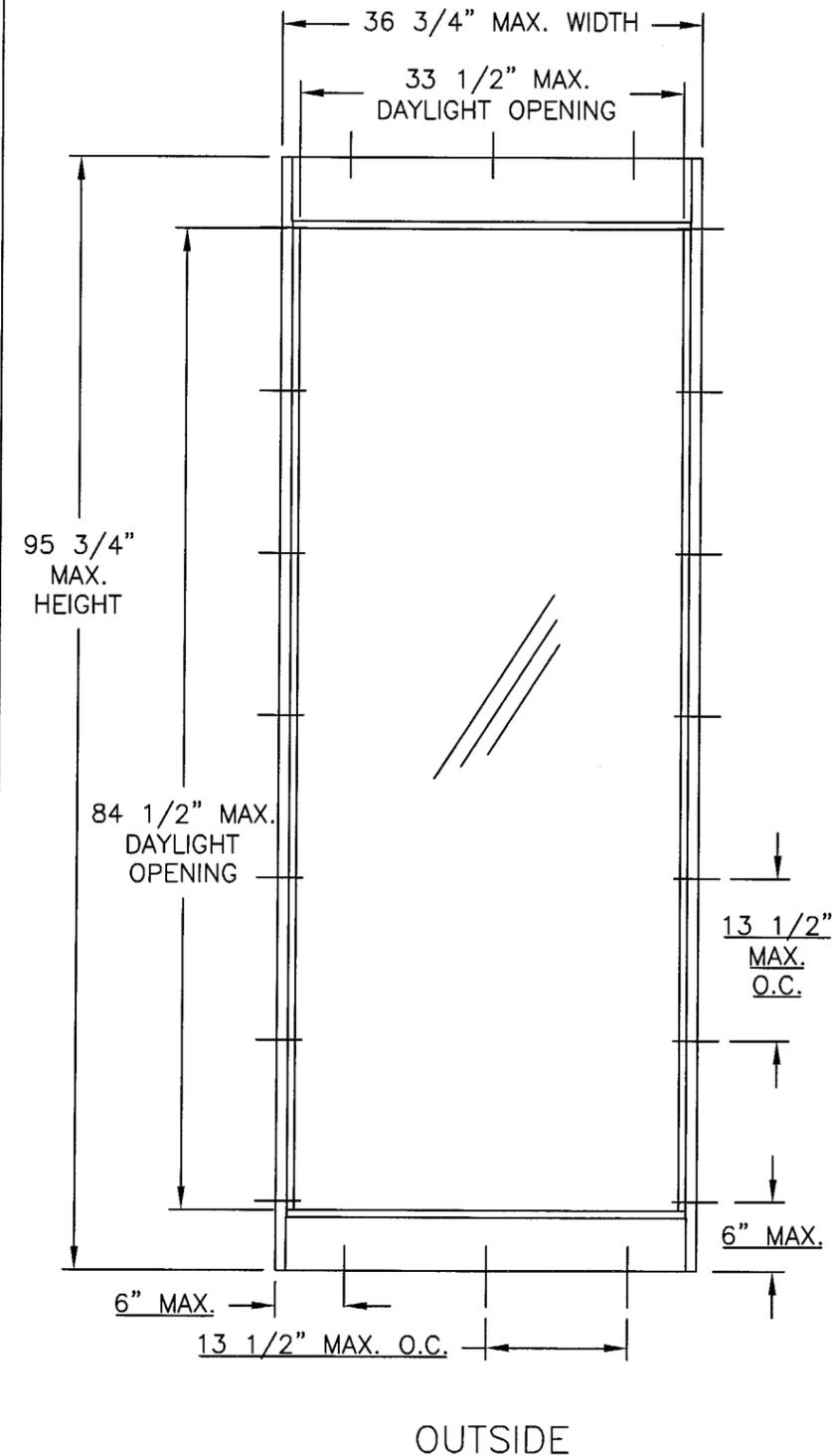
1. Letter from the consultant stating that the product is in compliance with Florida Building Code (FBC)



Theodore Berman, P.E.
Deputy Director, Product Control Division

NOA No 03-1223.01
Expiration Date: March 04, 2009
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NOTES: NON-IMPACT SIDELITES



1. GLAZING OPTIONS:
 - A. 3/16 TEMPERED GLASS.
 - B. 5/8" I.G. GLASS COMPRISED OF (2) LITES OF 3/16" TEMPERED GLASS WITH A 1/4" AIR SPACE.
2. DESIGN PRESSURE RATINGS: (SEE TABLE BELOW)
 - A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-98 (AND ASTM E 1300-94 OUTSIDE MIAMI-DADE COUNTY).
 - B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-98 (AND ASTM E 1300-94 OUTSIDE MIAMI-DADE COUNTY).
3. ANCHORAGE (UNDERLINED DIMENSIONS): 3/16" TAPCONS OR #10 SCREWS HEAD, SILL & JAMBS; 6" MAX. FROM CORNERS AND 13 1/2" MAX. O.C.
4. MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED IN MIAMI-DADE AND WHERE IMPACT RESISTANCE IS REQUIRED.
5. NARROW JOINT SEALANT IS USED ON ALL FOUR CORNERS OF THE FRAME.
6. NOT INTENDED FOR DIRECT ATTACHMENT TO FRENCH DOOR - MIAMI-DADE COUNTY APPROVED MULLION OR STRUCTURAL MEMBER REQUIRED BETWEEN SIDELITE AND DOOR.
7. REFERENCE TEST REPORTS: FTL-3922 AND FTL-3923.

| COMPARATIVE ANALYSIS (DESIGN PRESSURES PSF) | | | | | | | | | |
|--|-----------------|--------|---------|--------|---------|--------|---------|--------|--|
| GLASS FTL-3923, 3/16" TEMPERED | | | | | | | | | |
| TYPES: FTL-3922, 5/8" I.G. (3/16"T, 1/4"SPACE, 3/16"T) | | | | | | | | | |
| SIDELITE WIDTH | SIDELITE HEIGHT | | | | | | | | |
| | 79 3/4" | | 83 3/4" | | 87 3/4" | | 95 3/4" | | |
| 10 3/4" | 100.0 | -210.0 | 100.0 | -202.5 | 100.0 | -192.7 | 100.0 | -175.6 | |
| 11 7/8" | 100.0 | -194.6 | 100.0 | -184.6 | 100.0 | -175.6 | 100.0 | -160.0 | |
| 12 3/4" | 100.0 | -182.4 | 100.0 | -172.9 | 100.0 | -164.4 | 100.0 | -149.7 | |
| 19" | 100.0 | -127.8 | 100.0 | -120.9 | 100.0 | -114.8 | 100.0 | -104.1 | |
| 21 3/4" | 100.0 | -113.9 | 100.0 | -107.6 | 100.0 | -102.0 | 92.4 | -92.4 | |
| 27 3/4" | 93.3 | -93.3 | 88.0 | -88.0 | 83.2 | -83.2 | 75.1 | -75.1 | |
| 36 3/4" | 60.0 | -60.0 | 60.0 | -60.0 | 60.0 | -60.0 | 60.0 | -60.0 | |

Approved as complying with the Florida Building Code
 Date: 03/04/04
 NOA# 03-1223-01
 Miami Dade Product Control Division
 By: *Alfredo German*

L A I
 12/18/03

| | | | |
|-----------|----------|-------------|-------|
| Revsd By: | Date: | Revisions: | |
| Revsd By: | Date: | Revisions: | |
| Revsd By: | Date: | Revisions: | |
| Drawn By: | Date: | Checked By: | Date: |
| F.K. | 11/17/03 | | |

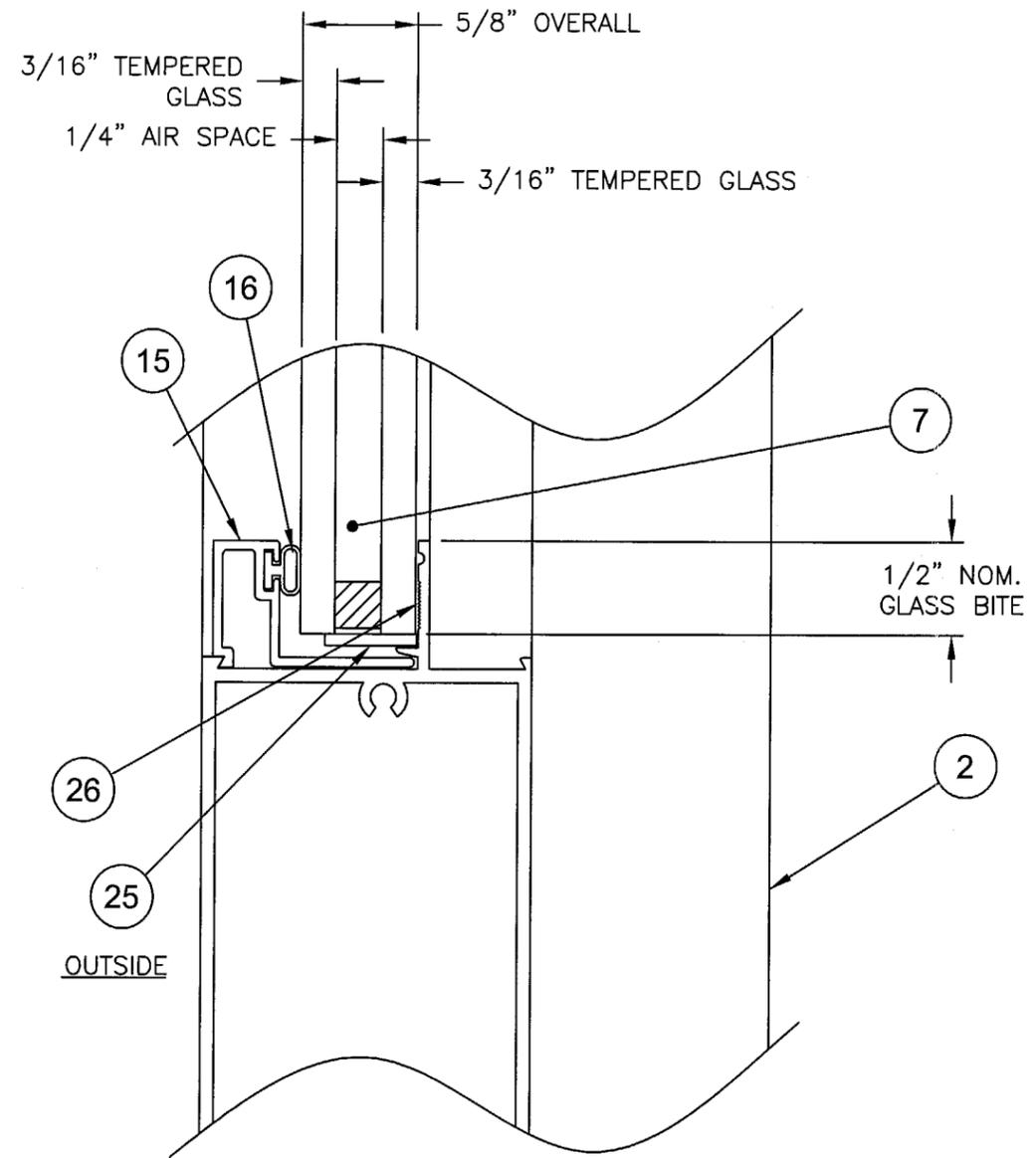
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

PGT
 Visibly Better

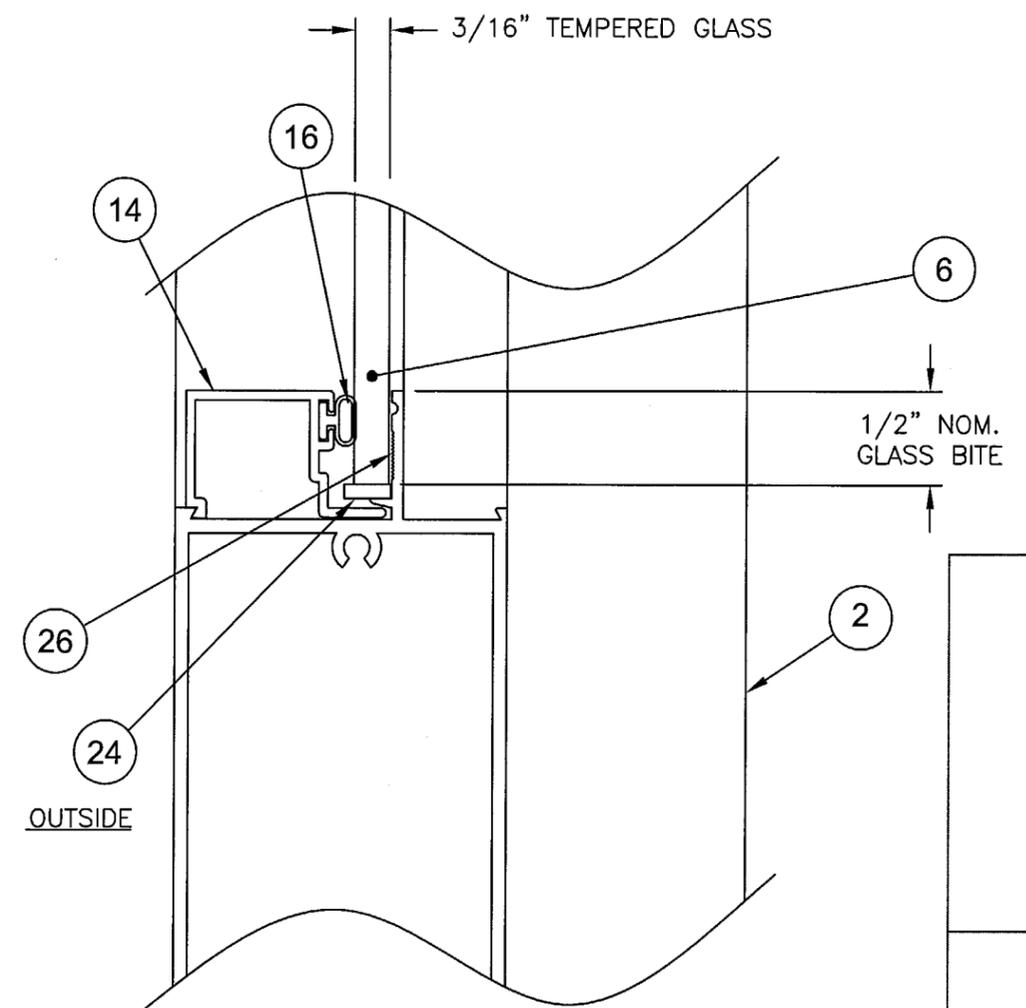
Description: ELEVATION, NOTES AND DESIGN PRESSURES
 Title: ALUMINUM SIDELITE

Series/Model: FD-101 Scale: NTS Sheet: 1 of 5 Drawing No. 992 Rev:

Lucas A. Turner, P.E.
 PE #58201
 Mechanical



5/8" I.G. GLAZING DETAIL



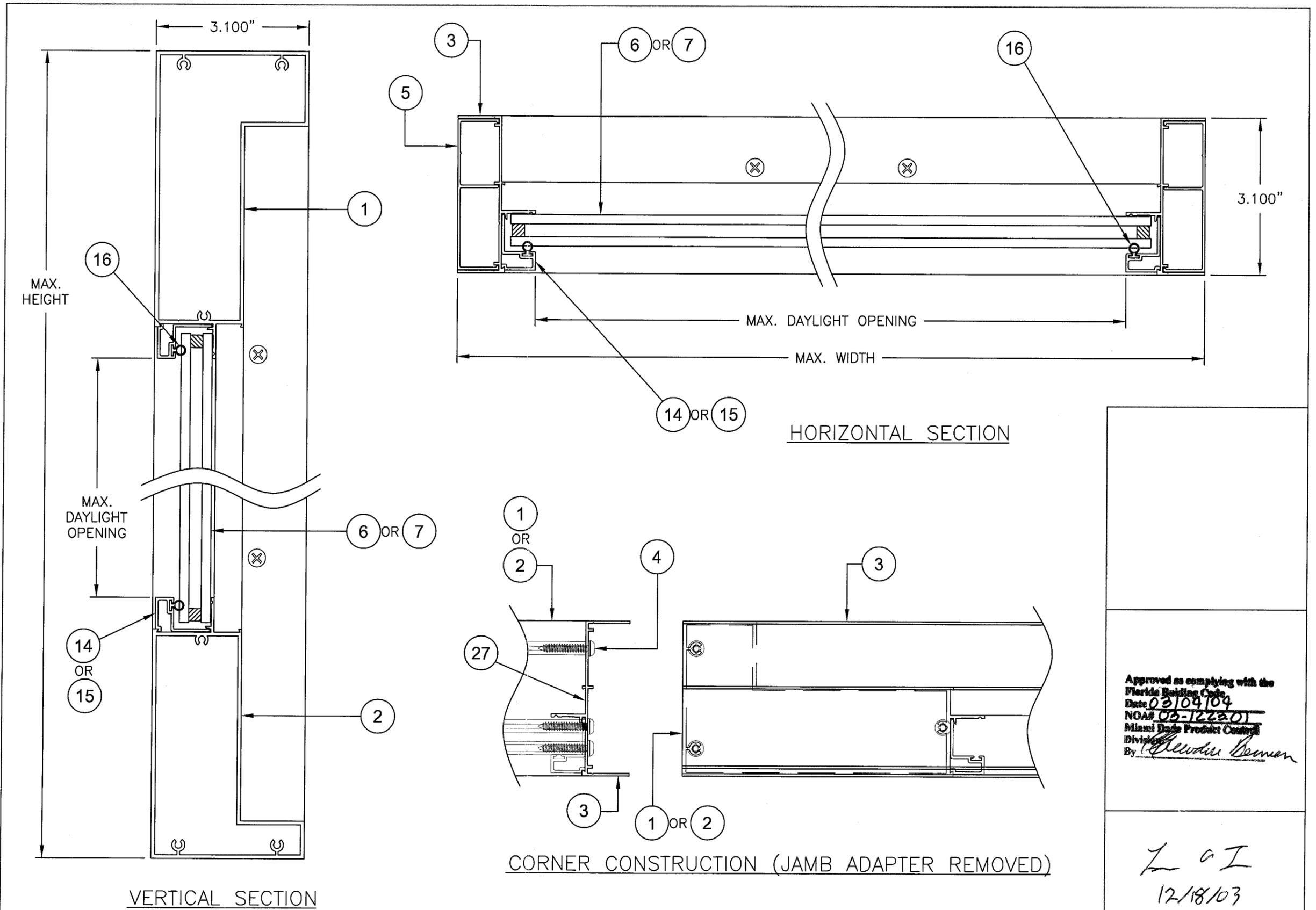
3/16" GLAZING DETAIL

Approved as complying with the
 Florida Building Code
 Date: 03/04/04
 NOA# 03-1223-01
 Miami Code Product Control
 Division
 By: *Andrew Gernem*

L A I
 12/18/03

| | | | | | | | | | |
|-------------------|-------------------|-------------|-------|--|------------------------------|---------------------------------|--------------|------------------|--------------------|
| Revsd By: | Date: | Revisions: | | 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 | PGI Visibly Better | Description: GLAZING DETAILS | | | |
| Revsd By: | Date: | Revisions: | | | | Title: ALUMINUM SIDELITE | | | |
| Revsd By: | Date: | Revisions: | | | | Series/Model: FD-101 | Scale: 1X | Sheet: 2 of 5 | Drawing No. 992 |
| Drawn By: F.K. | Date: 11/17/03 | Checked By: | Date: | P.O. BOX 1529 NOKOMIS, FL 34274 | | | | | |

Lucas A. Turner, P.E.
 PE #58201
 Mechanical



| | | |
|-----------|----------|-------------|
| Revsd By: | Date: | Revisions: |
| Revsd By: | Date: | Revisions: |
| Revsd By: | Date: | Revisions: |
| Drawn By: | Date: | Checked By: |
| F.K. | 11/17/03 | |

1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274



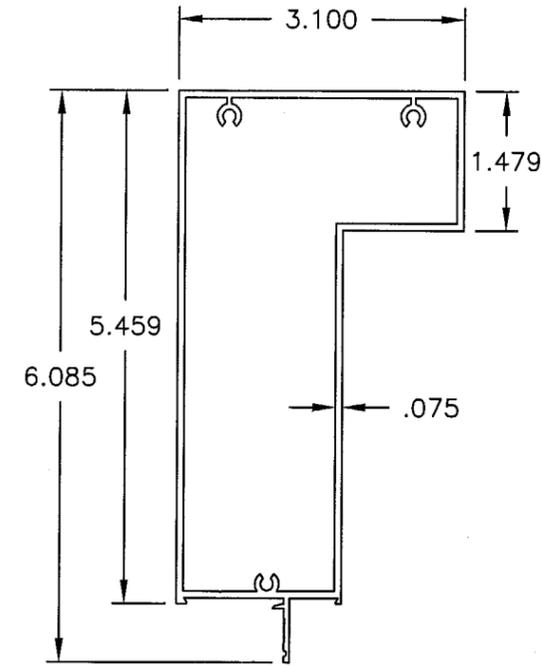
| | | | |
|---|----------------|------------------|--------------------|
| Description: SECTIONS AND CORNER CONSTRUCTION | | | |
| Title: ALUMINUM SIDELITE | | | |
| Series/Model: FD-101 | Scale: 1/2x | Sheet: 3 of 5 | Drawing No. 992 |
| Rev: | | | |

Approved as complying with the
 Florida Building Code
 Date 03/04/04
 NOA# 03-122301
 Miami Dade Product Control
 Division
 By: *Alvin Berman*

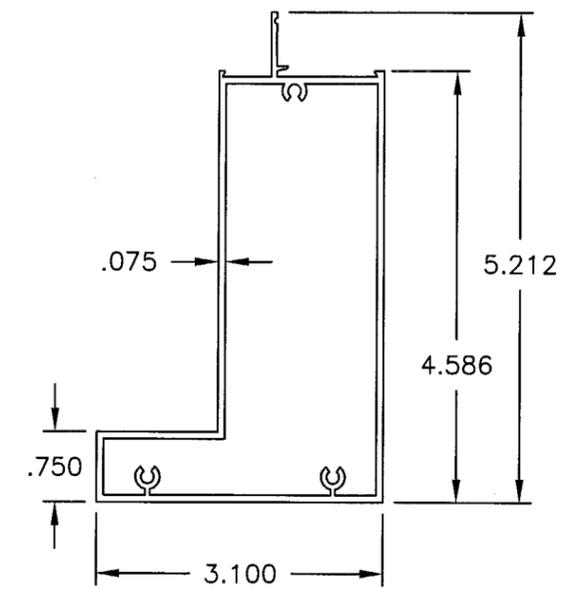
L O I
 12/18/03

Lucas A. Turner, P.E.
 FE #58201
 Mechanical

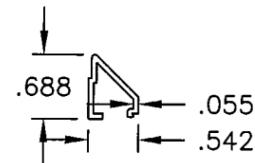
| Item | Dwg # | Description | Qty. | PGT# |
|------|-------|--|----------|----------|
| 1 | 920 | Sidelite Header | 1 | 6920B |
| 2 | 921 | Sidelite Sill | 1 | 60415 |
| 3 | 916 | Sidelite Jamb | 2 | 60381 |
| 4 | 1155 | #8 x 1.000 Quad Pn. SMS | 6 / Jamb | 781PQA |
| 5 | 934 | Sidelite Jamb Adapter | 2 | 61641M |
| 6 | | 3/16" Tempered Glass | 1 | |
| 7 | | 5/8" I.G. Glass - Comprised of 3/16" Tempered Glass, 1/4" Air Space and 3/16" Tempered Glass | 1 | |
| 8 | 986 | SL Interior Bead | 2 | 6986 |
| 13 | 4046 | 3/16" & 1/4" Grill Kit Bead | 2 | 644842 |
| 14 | 989 | 3/16" Bead | 2 | 6989 |
| 15 | 4057 | 5/8" IG Bead | 2 | 64057 |
| 16 | 1224 | Bulb, Thick (Used in all Extruded Bead) | 2 | 6TP247 |
| 17 | 124 | Applied Colonial Muntin, High (used on interior of door) | As Req'd | 66631 |
| 18 | 1240 | Flat Bar (used on interior of door) | As Req'd | 68926T52 |
| 19 | 1262 | Applied Muntin, High, Endpiece (used on interior of door) | As Req'd | 41730 |
| 20 | 523 | Applied Muntin, High, Intersect (used on interior of door) | As Req'd | 41726 |
| 21 | 1239 | Applied Muntin, Low (used on exterior of door) | As Req'd | 68421 |
| 22 | 547 | Applied Muntin, Low, Endpiece (used on exterior of door) | As Req'd | 41652 |
| 23 | 522 | Applied Muntin, Low, Intersect (used on exterior of door) | As Req'd | 41630 |
| 24 | | Setting Block, 3/32" x 1/4" x 1" w/psa | 6 | 712653K |
| 25 | | Setting Block, 1/16" x 1/2" x 1" w/psa | 4 | 71267K |
| 26 | | Glazing Compound - Dow 899 or 995 | As Req'd | |
| 27 | | Narrow Joint Sealant - Schnee-Morehead SM5504 or Equal | As Req'd | |



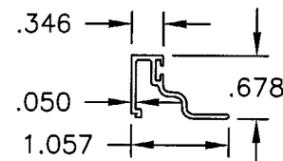
1 SIDELITE HEADER
6063-T5



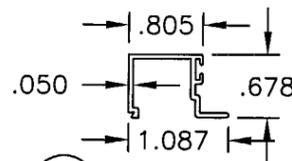
2 SIDELITE SILL
6063-T5



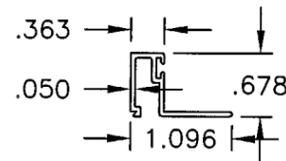
8 SL INTERIOR
BEAD
6063-T5



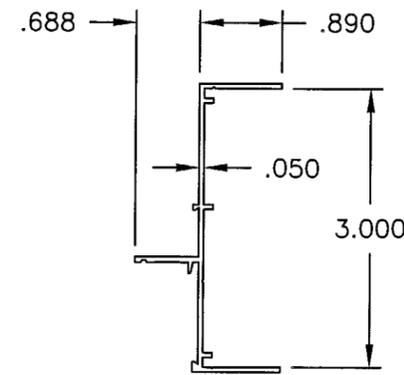
13 3/16" & 1/4"
GRILL KIT BEAD
6063-T5



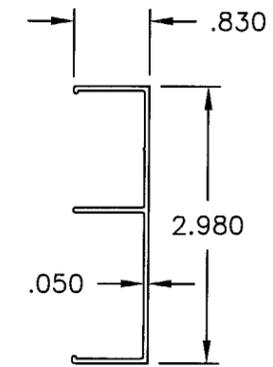
14 3/16" BEAD
6063-T5



15 5/8" I.G. BEAD
6063-T5



3 SL JAMB
6063-T5



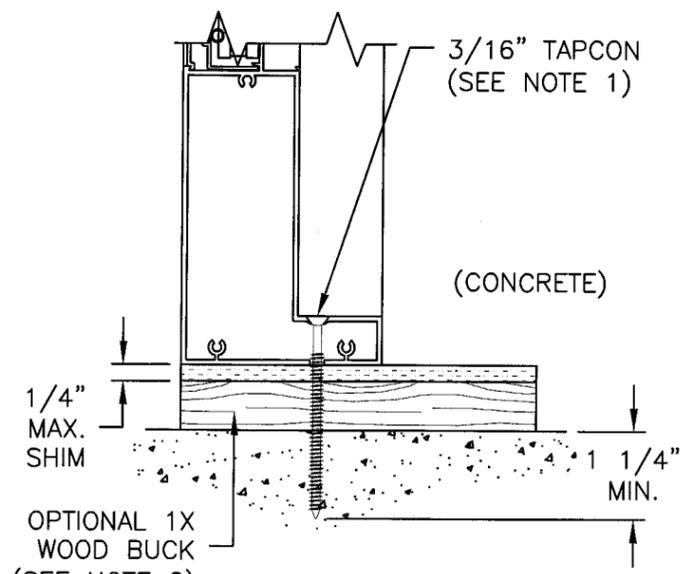
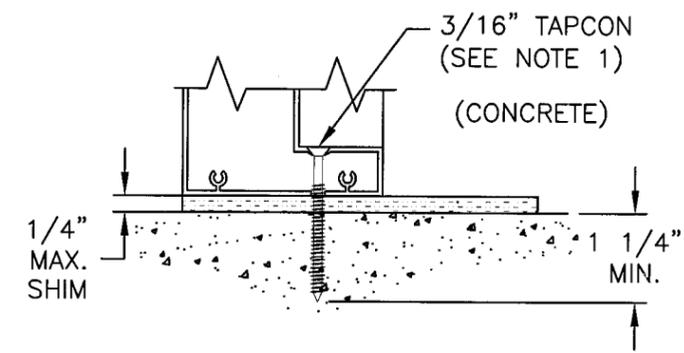
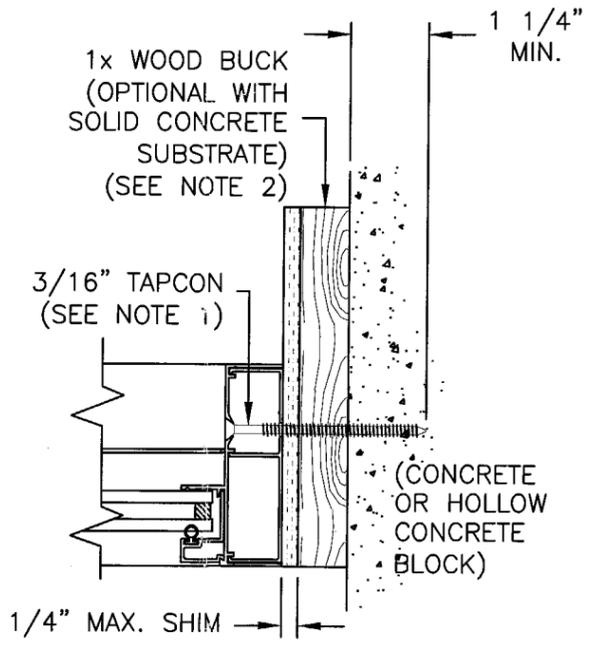
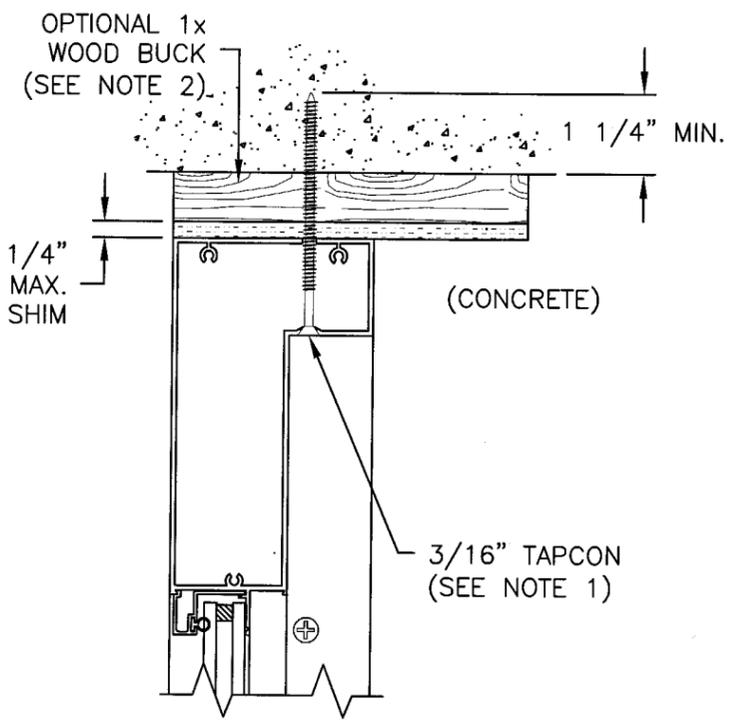
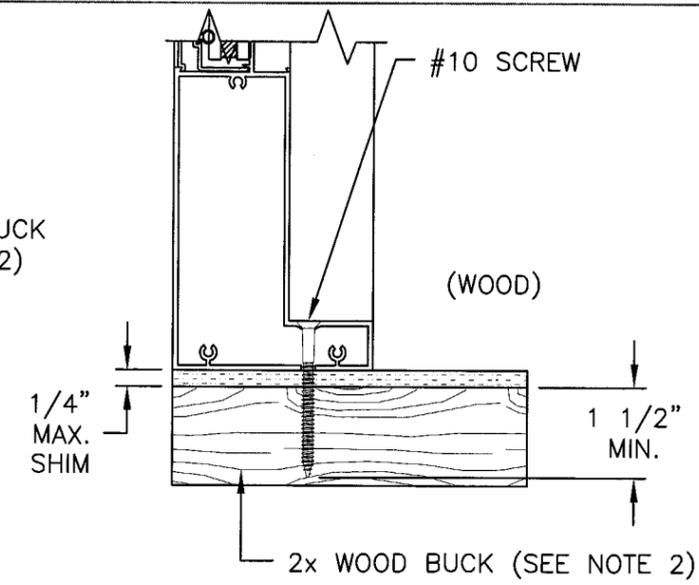
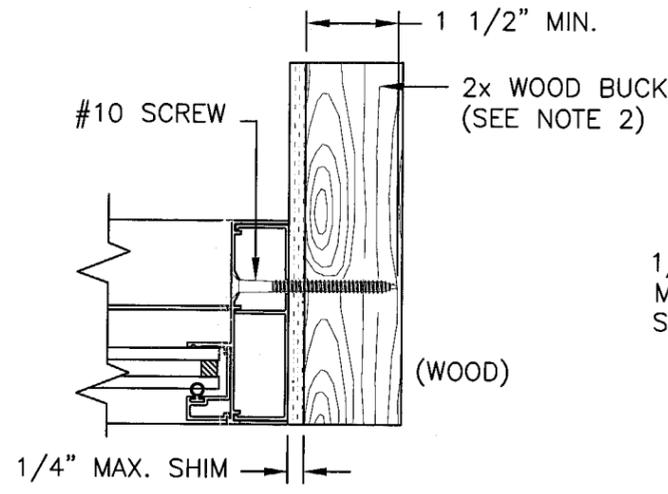
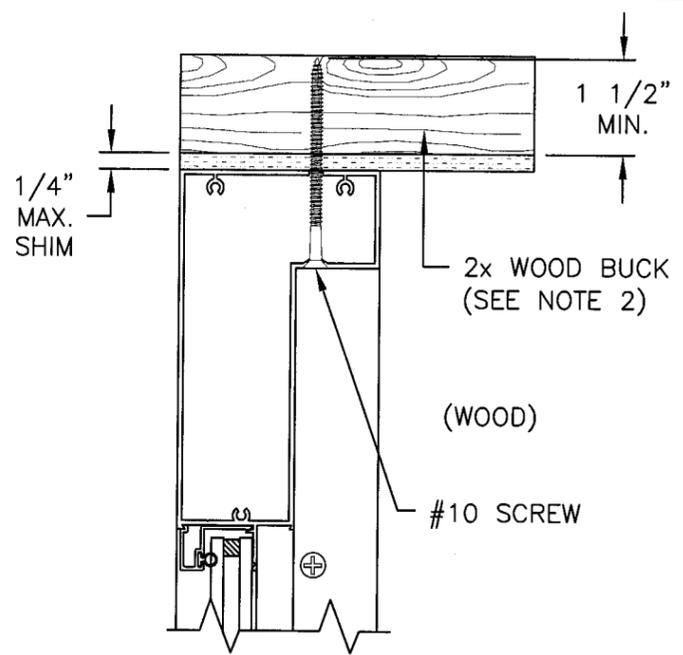
5 SL JAMB ADAPTER
6063-T5

Approved as complying with the
Florida Building Code
Date 05/04/04
NOAA 05-1223.01
Miami Dade Product Control
Division
By: *Lucas A. Turner*

Lucas A. Turner
12/18/03

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|----------------|----------------|-------------|-------|--|--|--|-------------|---------------|-----------------|------|
| Revsd By: | Date: | Revisions: | | 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274 |  PGT Visibly Better | Description: PARTS LIST AND EXTRUSION PROFILES | | | | |
| Revsd By: | Date: | Revisions: | | | | Title: ALUMINUM SIDELITE | | | | |
| Revsd By: | Date: | Revisions: | | | | Series/Model: FD-101 | Scale: 1/2x | Sheet: 4 of 5 | Drawing No. 992 | Rev: |
| Drawn By: F.K. | Date: 11/17/03 | Checked By: | Date: | | | | | | | |

Lucas A. Turner, P.E.
PE #8201
Mechanical



TYPICAL HEADS

TYPICAL JAMBS

TYPICAL SILLS

- NOTES:**
1. USE ONLY MIAMI-DADE COUNTY APPROVED ELCO OR ITW TAPCONS.
 2. A - IN MIAMI-DADE COUNTY, INSTALLATION TO CONCRETE OF WOOD BUCKS TO BE ENGINEERED, PROPERLY ATTACHED TO TRANSFER LOAD AND TO BE REVIEWED BY BUILDING OFFICIAL.
 - B - OUTSIDE MIAMI-DADE COUNTY, INSTALLATION TO CONCRETE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY BUILDING OFFICIAL.

Approved as complying with the
 Florida Building Code
 Date 03/04/04
 NOAS 03-1223.01
 Miami Dade Product Control
 Division
 By *Meridian Beane*

LAZ
 12/18/03

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|-------------------|-------------------|-------------|-------|--|------------------------------|------------------------------------|---------------|------------------|--|
| Revsd By: | Date: | Revisions: | | 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274 | PGT Visibly Better | Description: ANCHORAGE | | | |
| Revsd By: | Date: | Revisions: | | | | Title: ALUMINUM SIDELITE | | | |
| Revsd By: | Date: | Revisions: | | | | Series/Model: FD-101 | Scale: NTS | Sheet: 5 of 5 | Drawing No. 992 |
| Drawn By: F.K. | Date: 11/17/03 | Checked By: | Date: | | | | | | Lucas A. Turner, P.E. PE #58201 Mechanical |