



**MIAMI-DADE COUNTY**  
 BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)  
 BOARD AND CODE ADMINISTRATION DIVISION

**MIAMI-DADE COUNTY**  
**PRODUCT CONTROL SECTION**  
 11805 SW 26 Street, Room 208  
 Miami, Florida 33175-2474  
 T (786) 315-2590 F (786) 315-2599

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/building](http://www.miamidade.gov/building)

**West Tampa Glass Company**  
 2705 North 35<sup>th</sup> Street  
 Tampa, FL 33605

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC - Product Control Section 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 Section (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. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "WTG-900" Aluminum Curtain Wall System – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. S-4106, titled "West Tampa Glass – Series WTG-900", sheets 1 through 18 of 18, dated 03/03/11, prepared by RW Building Consultants, Inc., signed and sealed by Ryan J. King, 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 Section.

**MISSILE IMPACT RATING: Small Missile Impact Resistant**

**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 **Carlos M. Utrera, P.E.**



*[Handwritten Signature]*  
 06/16/11

**NOA No. 11-0330.04**  
**Expiration Date: June 23, 2016**  
**Approval Date: June 23, 2011**  
 Page 1

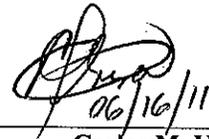
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-4106**, titled "West Tampa Glass – Series WTG-900", sheets 1 through 18 of 18, dated 03/03/11, prepared by RW Building Consultants Inc., signed and sealed by Ryan J. King, P.E.

**B. TESTS "Submitted under NOA # 09-1202.03"**

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) Small Missile Impact Test per FBC, TAS 201-94
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of **WTG-500** and **WTG-700** Aluminum Curtain Wall Systems, prepared by Testing Evaluation Laboratories, Inc., Test Report No. **TEL-08-01490001**, dated 01/02/08, signed and sealed by Wendell W. Haney, P.E.
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
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Small Missile Impact Test per FBC, TAS 201-94
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of **WTG-500** and **WTG-700** Aluminum Curtain Wall Systems, prepared by Testing Evaluation Laboratories, Inc., Test Report No. **TEL-01490139**, dated 08/26/09, signed and sealed by Lyndon F. Schmidt, 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 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94along with marked-up drawings and installation diagram of **WTG-700** Twin Span Aluminum Curtain Wall System, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0519-0802-08**, dated 04/28/09, signed and sealed by Vinu J. Abraham, P.E.



06/16/11

---

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 11-0330.04  
Expiration Date: June 23, 2016  
Approval Date: June 23, 2011

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS “Submitted under NOA # 09-1202.03” (CONTINUED)**

4. 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 **WTG-700** Twin Span Aluminum Curtain Wall System, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0519-0802-08**, dated 08/04/08 to 08/12/09, signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by RW Building Consultants, Inc., dated 03/10/11, signed and sealed by Ryan J. King, P.E.  
**Complies with ASTM E1300-04**

**D. QUALITY ASSURANCE**

1. Miami-Dade Building and Neighborhood Compliance Department (BNC)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their “**DuPont Sentry Glass® Interlayer**” dated 01/03/08, expiring on 01/14/12.  
2. Notice of Acceptance No. **06-0216.06** issued to Solutia, Inc., for their “**Saflex III G Clear or Colored Interlayer**” dated 05/04/06, expiring on 05/21/11.

**F. STATEMENTS**

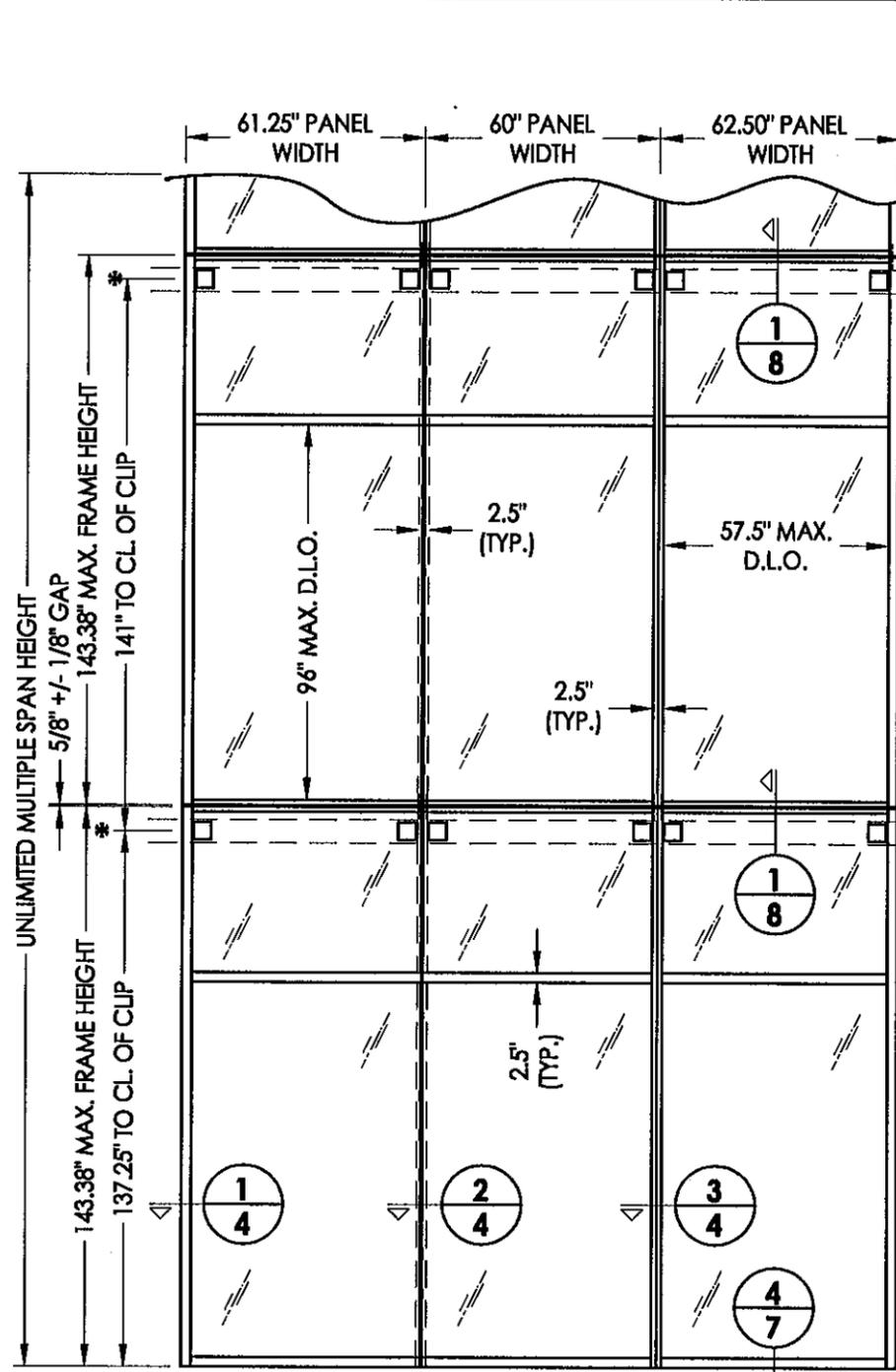
1. Statement letter of code conformance to FBC 2007 and no financial interest issued by RW Building Consultants, Inc., dated 03/10/11, signed and sealed by Ryan J. King, P.E.  
2. Laboratory compliance letter for Test Report No. **HTL-0519-0802-08**, issued by Hurricane Test Laboratory, LLC, dated 04/28/09, signed and sealed by Vinu J. Abraham, P.E. “**Submitted under NOA # 09-1202.03**”  
3. Laboratory compliance letter for Test Report No. **HTL-0519-0802-08**, issued by Hurricane Test Laboratory, LLC, dated 05/10/10, signed and sealed by Vinu J. Abraham, P.E. “**Submitted under NOA # 09-1202.03**”



Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 11-0330.04

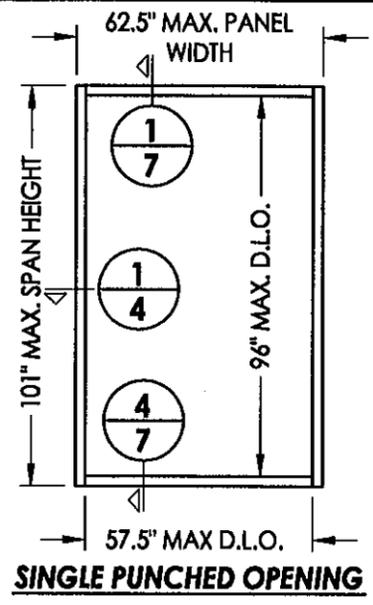
Expiration Date: June 23, 2016  
Approval Date: June 23, 2011

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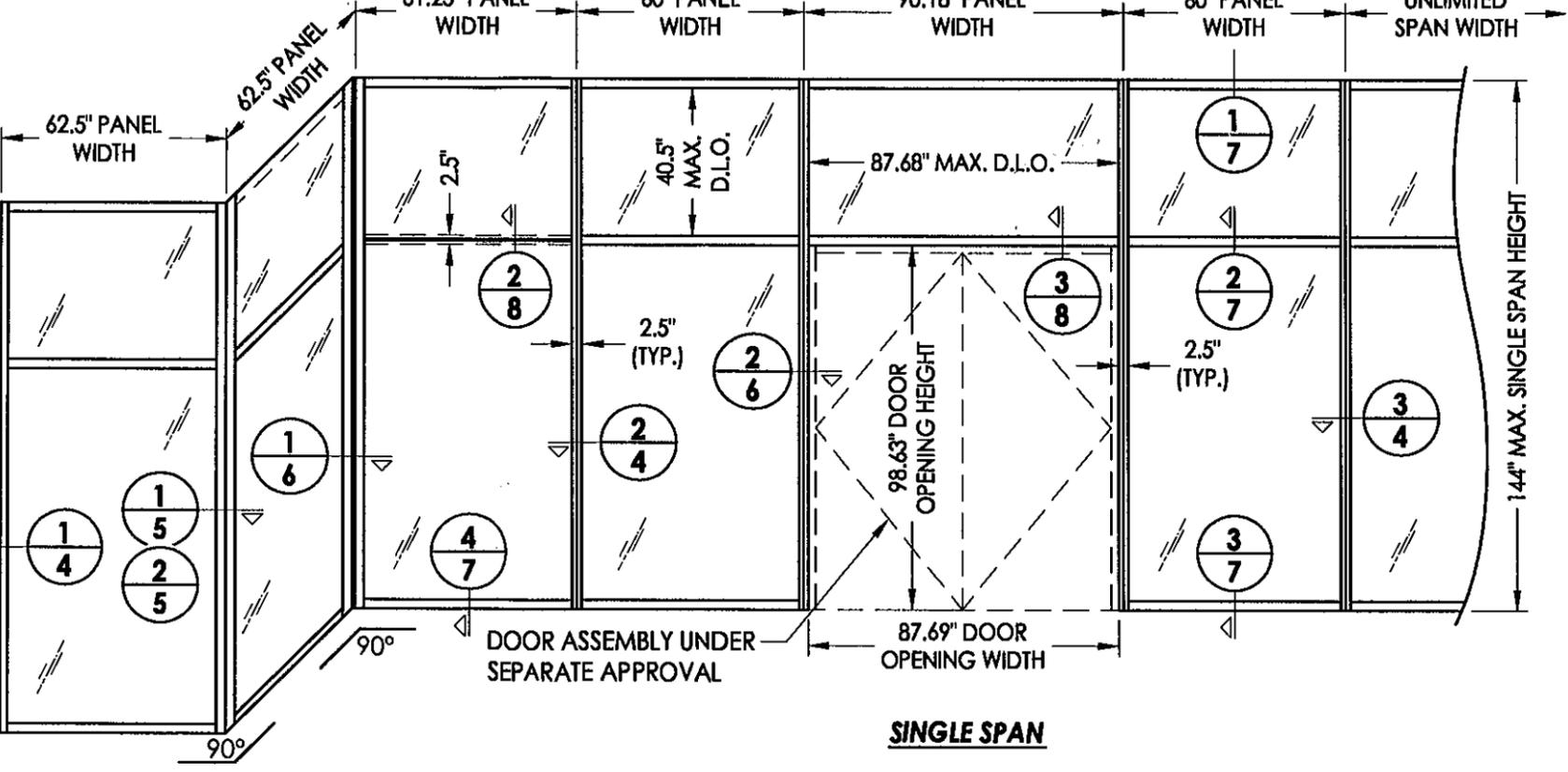


\*Intermediate support location

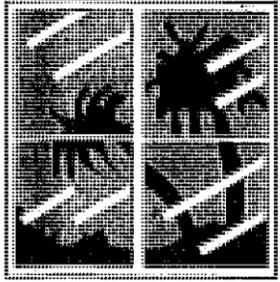
**MULTIPLE SPAN**



**SINGLE PUNCHED OPENING**



**SINGLE SPAN**



**WEST TAMPA GLASS COMPANY**

SINCE 1934  
2705 N. 35th STREET  
TAMPA, FLORIDA 33605

**SERIES WTG - 900 ALUMINUM CURTAIN WALL SYSTEM**

**"SMALL MISSILE IMPACT"**  
(For use at 30 ft. or higher above grade only)

Approved as complying with the Florida Building Code  
Date 06/23/2011  
MOA# 11-032014  
Miami Dade Product Control  
By [Signature]

Documents Prepared By:

**R.W. BUILDING CONSULTANTS, INC.**  
P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization, No. 9813  
Ryan J. King, P.E. No. 64619

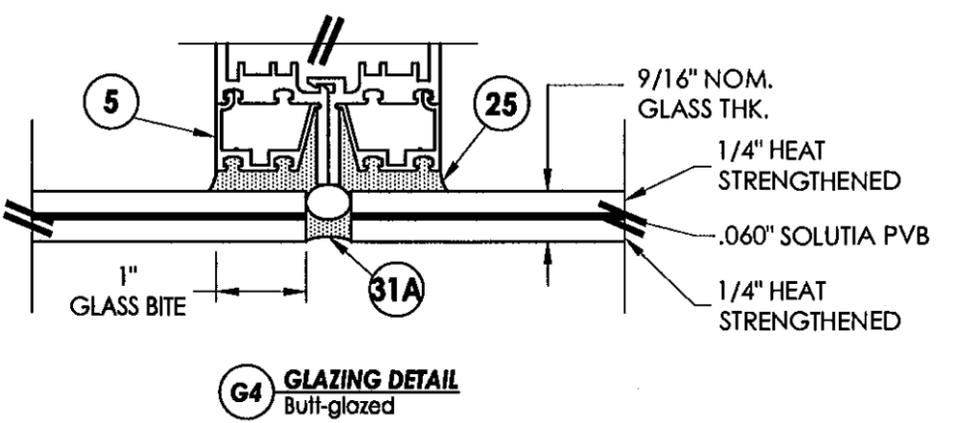
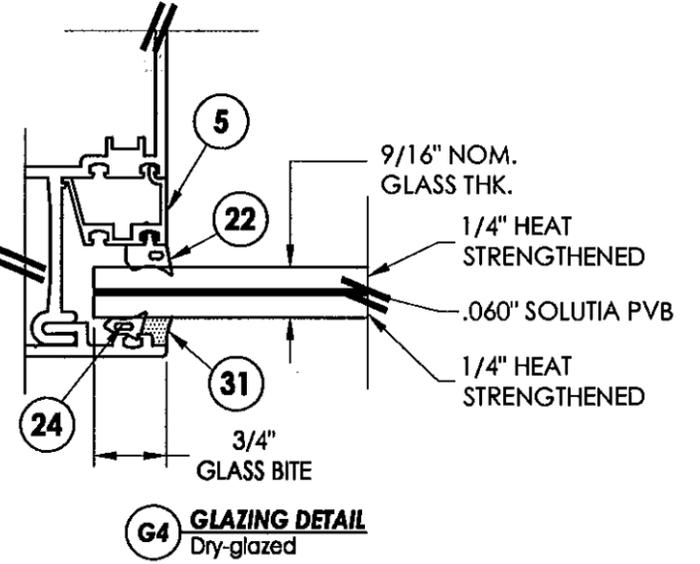
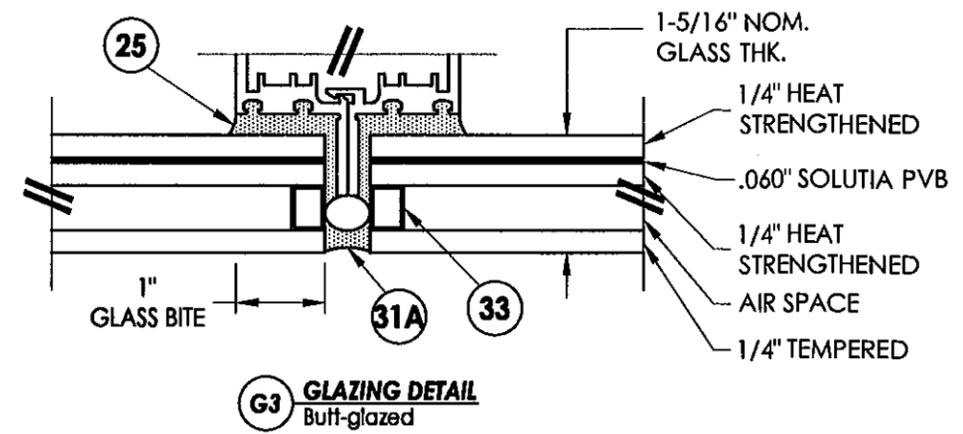
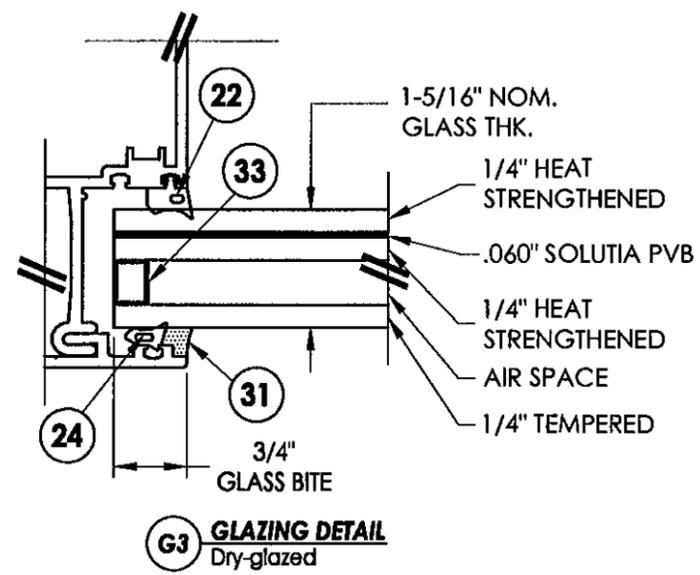
SPAN TYPE	MAX. D.L.O. DIMENSION	MAX. TRANSOM D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)**	
				POSITIVE	NEGATIVE
MULTIPLE SPAN	57.50" x 96.00"	N/A	G20, G21	+75.0	-75.0
			G3, G4	+90.0	-90.0
SINGLE SPAN	57.50" x 96.00"	87.68" x 40.87"	G20, G21	+75.0	-75.0
			G3, G4	+90.0	-90.0
SINGLE PUNCHED OPENING	57.50" x 96.00"	N/A	G20, G21	+75.0	-75.0
			G3, G4	+110.0	-110.0

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SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
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4	Horizontal cross sections	13	Face cover option details
5	Horizontal cross sections	14	Face cover option details
6	Horizontal cross sections	15	Components
7	Vertical cross sections	16	Components
8	Vertical cross sections	17	Components
9	Twin span details	18	Bill of materials

PRODUCT:	PART OR ASSEMBLY:	REVISIONS
WEST TAMPA GLASS SERIES WTG-900	TYPICAL ELEVATION & DESIGN PRESSURES	
		NO. DATE BY

DATE: 3/3/11  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: S-4106  
SHEET 1 OF 18

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- NOTES:**
1. Head, sill & horizontal glazing details are similar to jamb details shown.
  2. See sheets 13 & 14 for face cover option details.

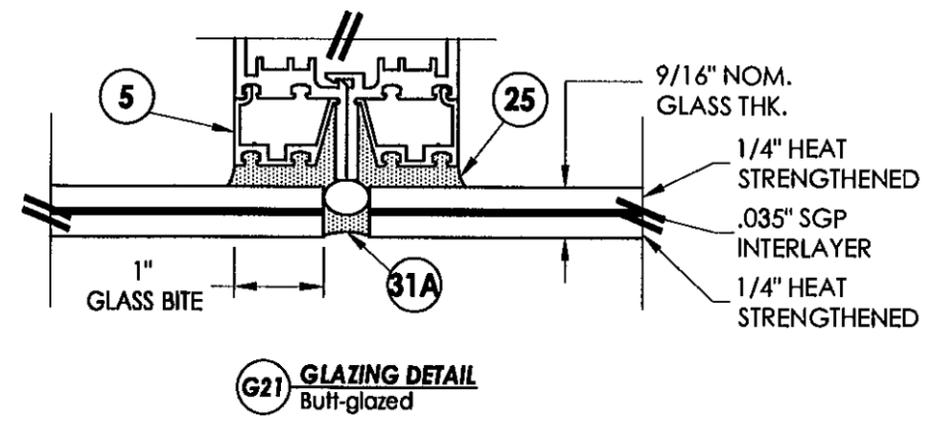
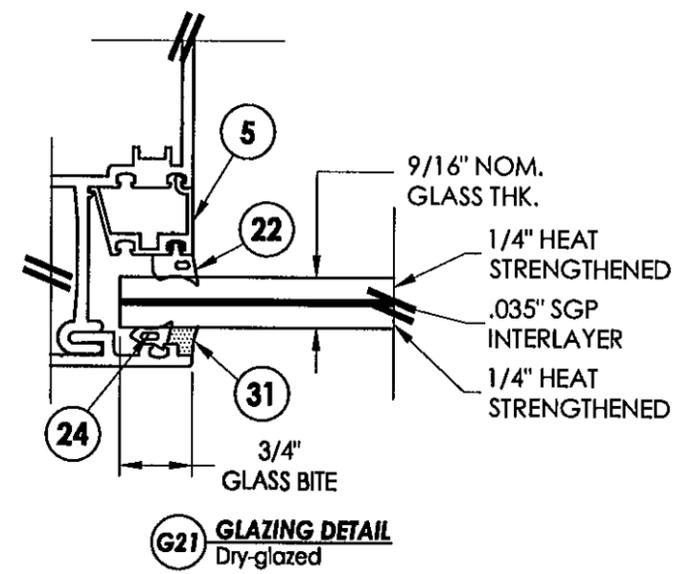
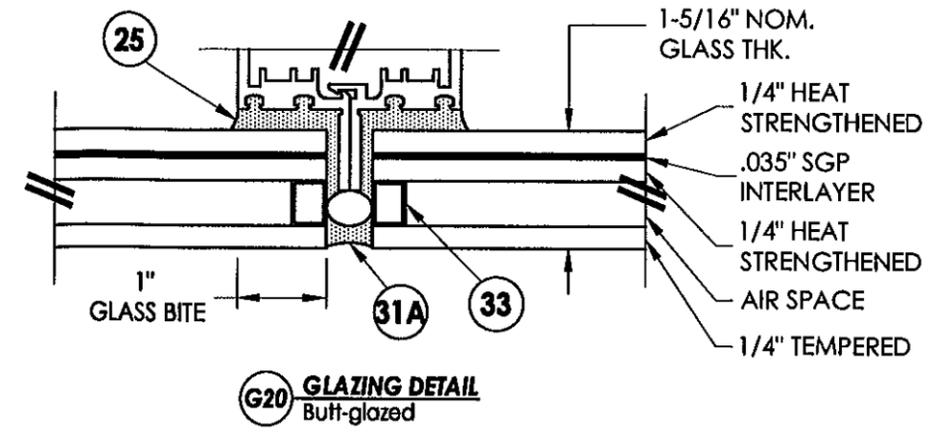
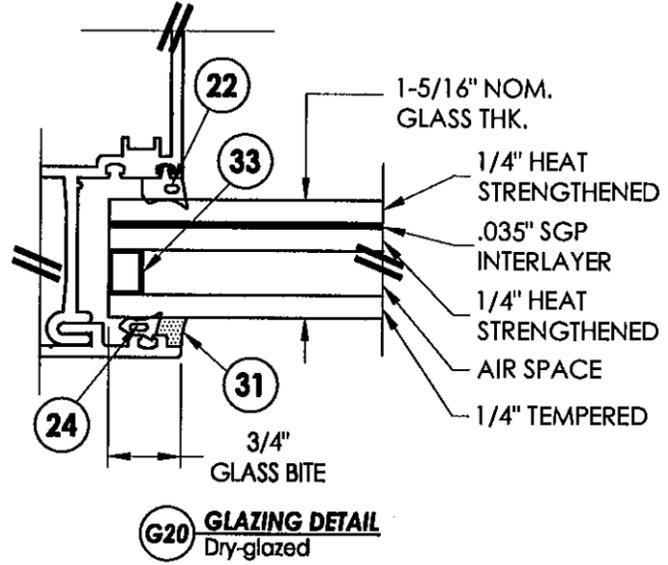
**GENERAL NOTES**

1. This product has been evaluated and is in compliance with the 2007 Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details.
3. When used in the "HVHZ", for installations above 30 feet above grade, this product complies with Section 1626 of the Florida Building Code as a small missile impact resistant product and does not require an impact resistant covering. For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with Section 1626 of the Florida Building Code.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, for installations above 30 feet above grade, this product complies with Section 1626 of the 2007 FBC as a small missile impact resistant product and does not require an impact resistant covering (This product meets missile level "A" and includes Wind Zone 4 as defined in ASTM E1996). For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with Section 1609.1.2 of the Florida Building Code.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. This product meets water infiltration requirements for "HVHZ". (Tested per ASTM E331 @ 20.0 PSF positive pressure).
7. For design pressure rating see chart sheet 1.
8. All steel in contact with aluminum to be painted or plated.
9. Elevation shown is for illustration only. Window wall may be constructed with an unlimited width and in any combination of units/glazing shown provided the limits for max. panel height, width and D.L.O. are maintained.

Approved as complying with the Florida Building Code  
 Date: 06/23/2011  
 NOA#: 11-0930-04  
 Miami Design Product Control  
 By: *[Signature]*

Documents Prepared By: <b>RW</b> BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 <i>[Signature]</i> Ryan J. King, P.E. No. 64619	Approved as complying with the Florida Building Code Date: 06/23/2011 NOA#: 11-0930-04 Miami Design Product Control By: <i>[Signature]</i>	PRODUCT: WEST TAMPA GLASS SERIES WTG-900	PART OR ASSEMBLY: GENERAL NOTES & GLAZING DETAILS												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">NO.</th> <th style="width: 15%;">DATE</th> <th style="width: 80%;">REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				NO.	DATE	REVISIONS									
NO.	DATE	REVISIONS													
DATE: 3/3/11 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: S-4106 SHEET 2 OF 18															

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- NOTES:  
 1. Head, sill & horizontal glazing details are similar to jamb details shown.  
 2. See sheets 13 & 14 for face cover option details.

Approved as complying with the Florida Building Code  
 Date 06/23/2011  
 NOA# 11-0330-04  
 Miami Design Product Control  
 By [Signature]

Documents Prepared By:

**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Valrico FL 33595  
 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate of Authorization No. 9813  
 Ryan J. King, P.E. No. 64619

PRODUCT: WEST TAMPA GLASS SERIES WTG-900

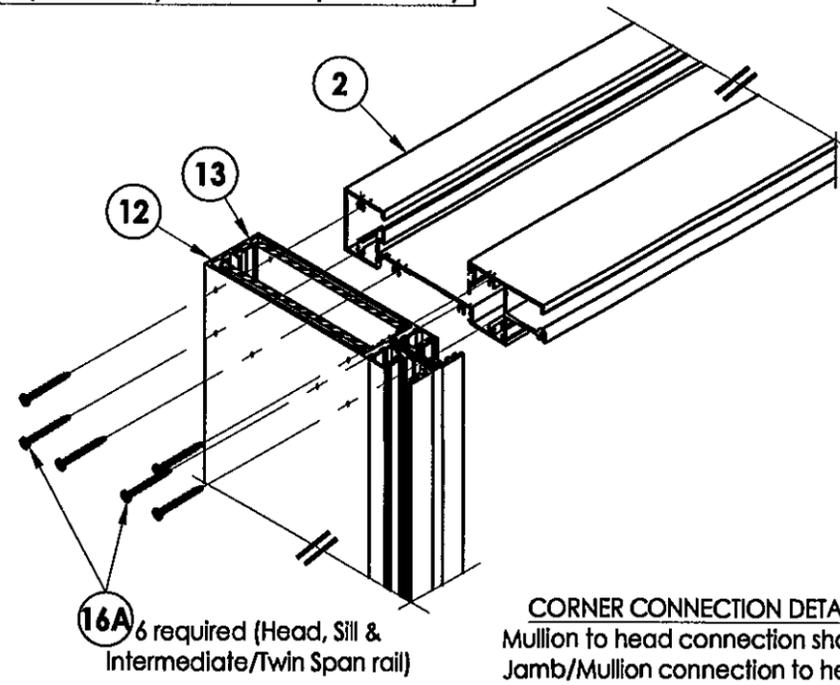
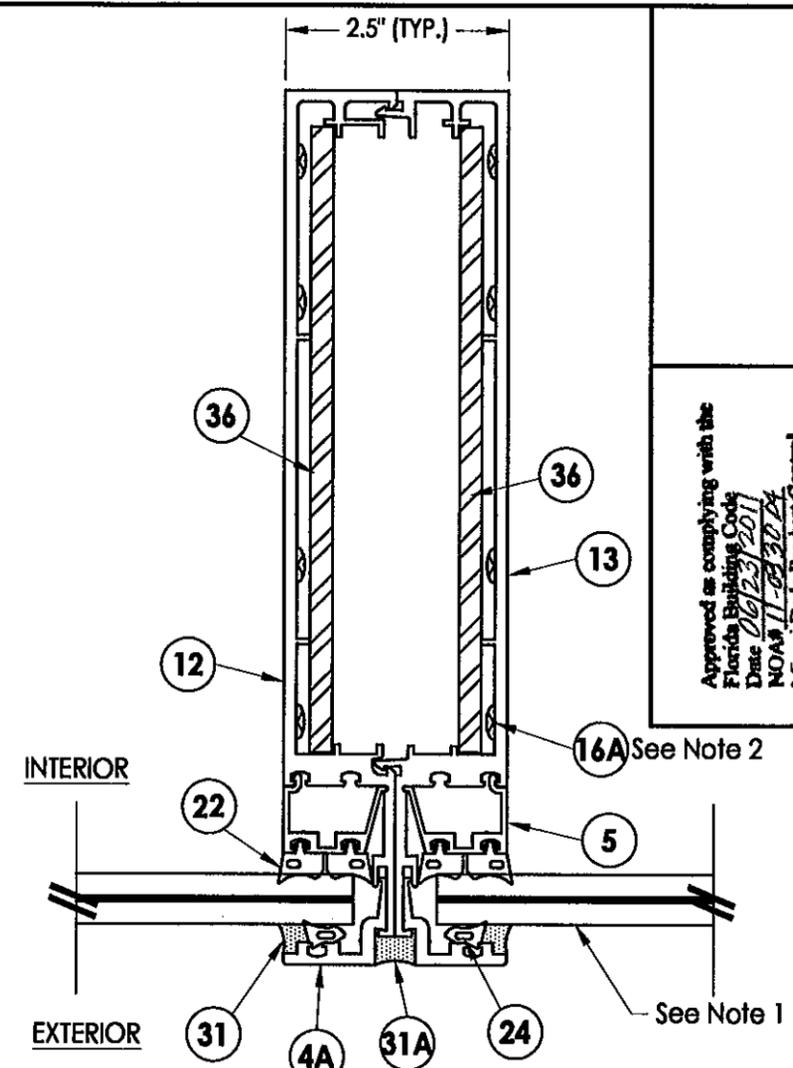
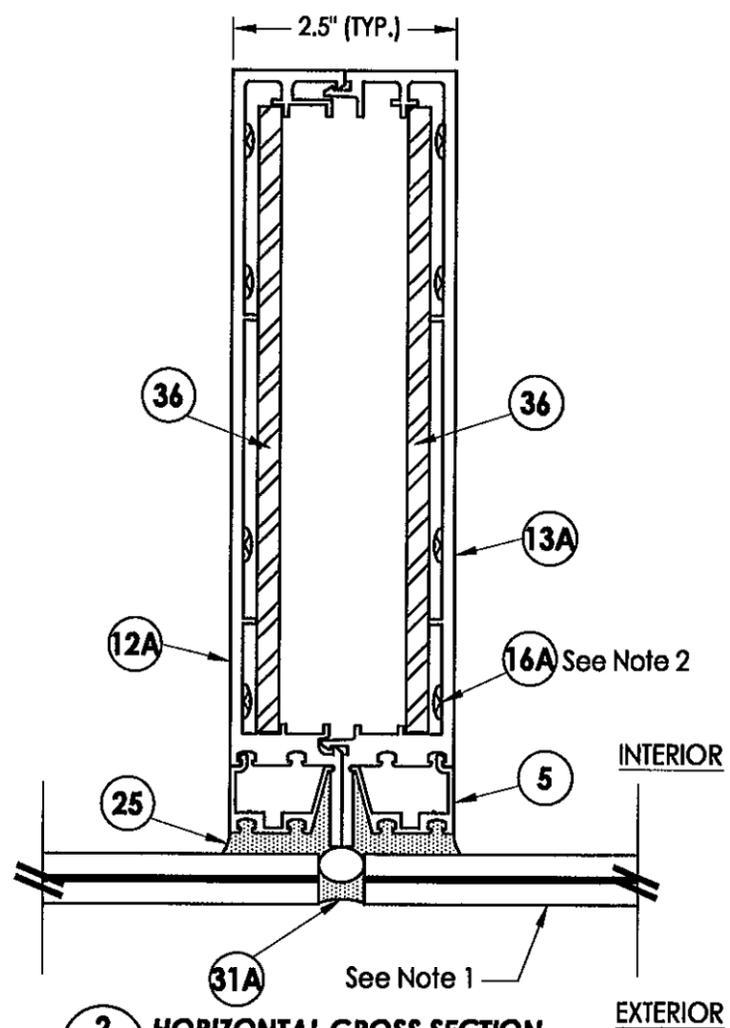
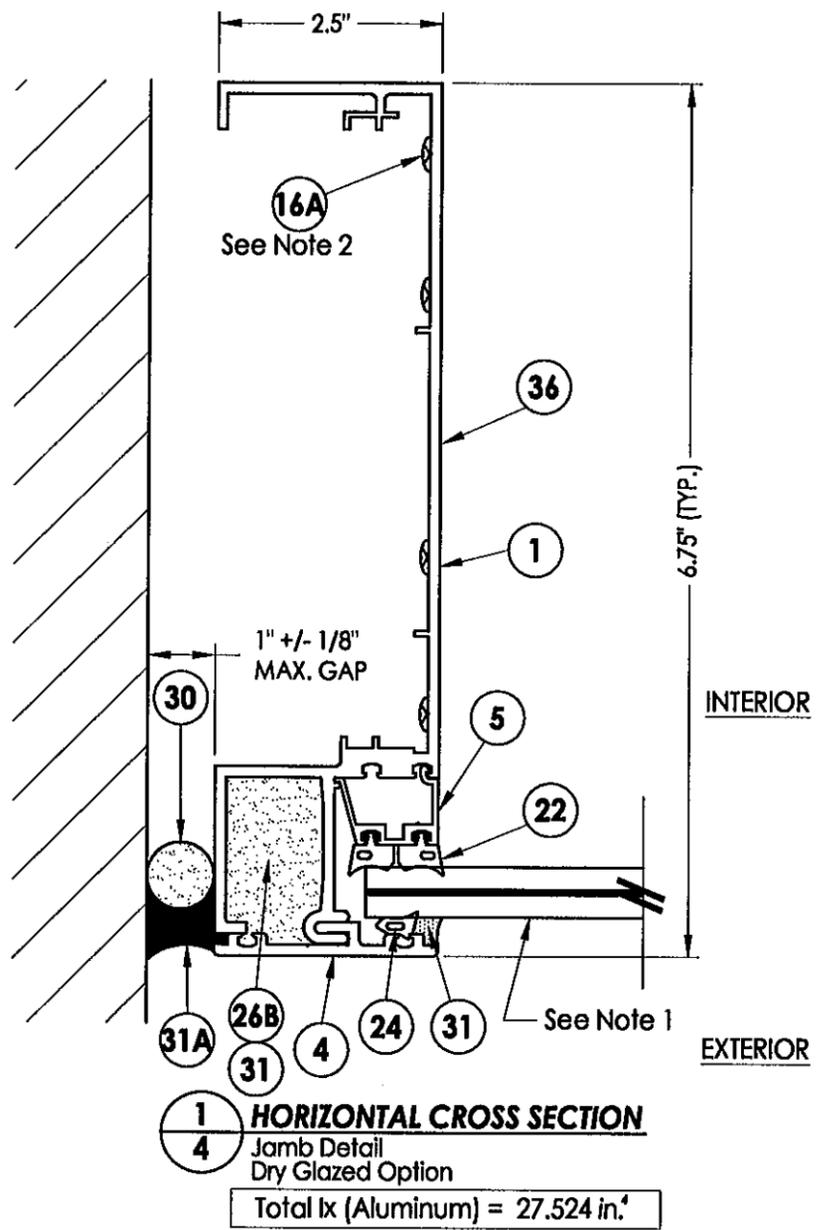
PART OR ASSEMBLY: GLAZING DETAILS

NO.	DATE	BY	REVISIONS

DATE: 3/3/11  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: S-4106  
 SHEET 3 OF 18

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- NOTES:
1. See sheets 2 & 3 for glazing option details and sheets 13 & 14 for face cover option details.
  2. Attach the head and sill to the jambs/mullions w/ (6) item 16A at each end. Attach the intermediate/twin span rails to the jambs/mullions w/ (6) Item 16A at each end. See the corner connection detail on this sheet.



**CORNER CONNECTION DETAIL**  
 Mullion to head connection shown  
 Jamb/Mullion connection to head,  
 sill and Intermediate/Twin Span rail is similar.

MATERIAL	ITEM	Sx (In <sup>3</sup> )	Ix (In <sup>4</sup> )
Aluminum	1	6.085	27.524
	12	3.410	16.747
	12A	3.267	14.141
	13	3.627	17.887
	13A	3.522	15.266
Steel	36	2.042	7.146
	36A	3.062	10.719

Approved as complying with the Florida Building Code  
 Date 06/23/2011  
 NOA# 11-013024  
 Misant Deane Product Control  
 By [Signature]

Documents Prepared By: **RW BUILDING CONSULTANTS, INC.**  
 P.O. Box 230 Valrico FL 33595  
 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate of Authorization No. 9813  
 Ryan J. King, P.E. No. 64619

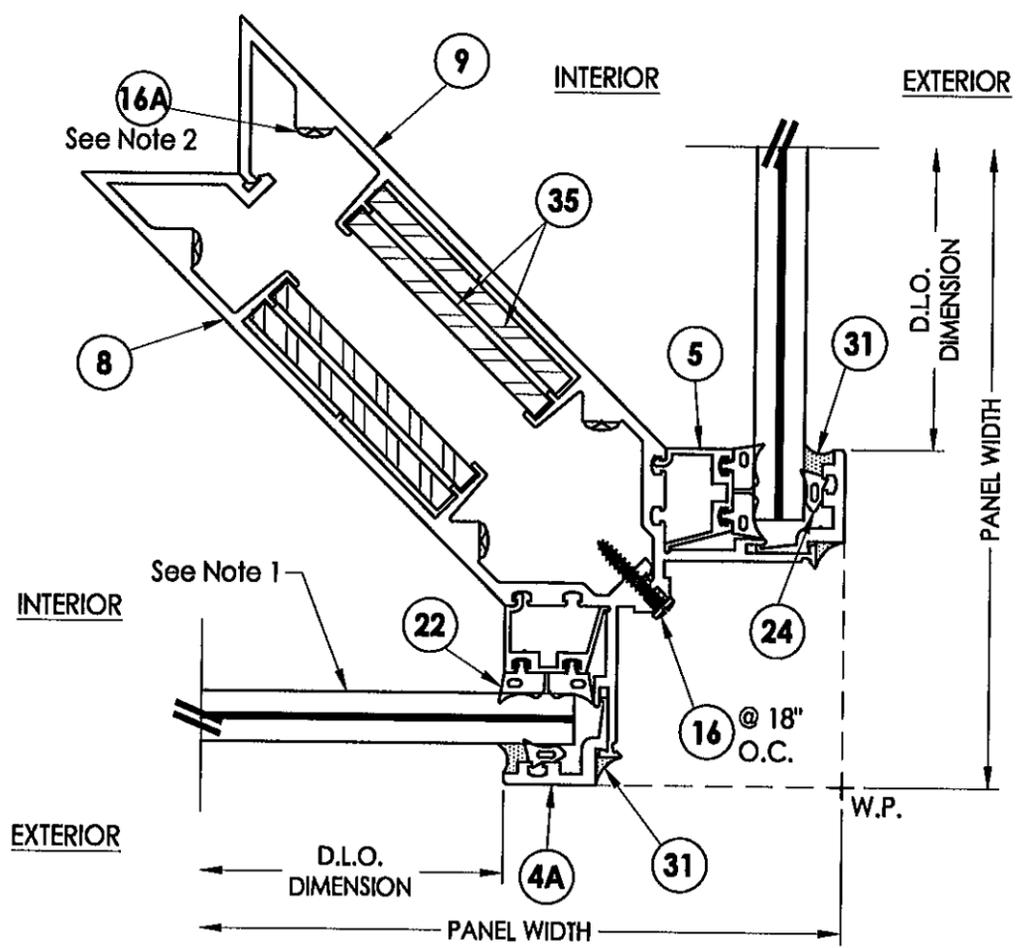
PRODUCT: WEST TAMPA GLASS SERIES WTG-900  
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

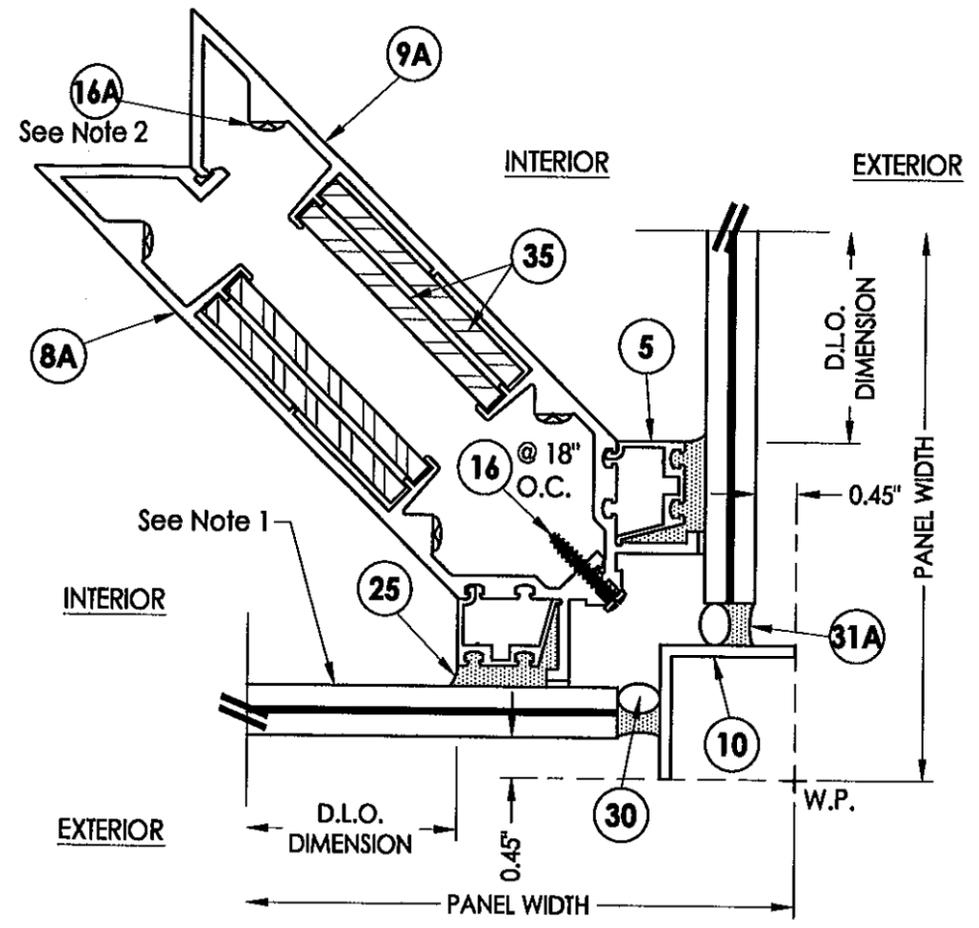
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 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: S-4106  
 SHEET 4 OF 18

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**1**  
**5** **HORIZONTAL CROSS SECTION**  
Exterior 90 deg. Corner Mullion Detail w/ Trim Dry Glazed Option



**2**  
**5** **HORIZONTAL CROSS SECTION**  
Exterior 90 deg. Corner Mullion Detail w/o Trim Structural Glazed Option

- NOTES:
- See sheets 2 & 3 for glazing option details and sheets 13 & 14 for face cover option details.
  - Attach the head and sill to the corner mullion w/ (3) item 16A at each end. Attach the intermediate rails to the corner mullion w/ (4) item 16A at each end. See the corner connection detail on sheet 4.

Approved as complying with the Florida Building Code  
Date 06/23/2011  
NOAR 11-0180.04  
Miami Dade Product Control  
By \_\_\_\_\_

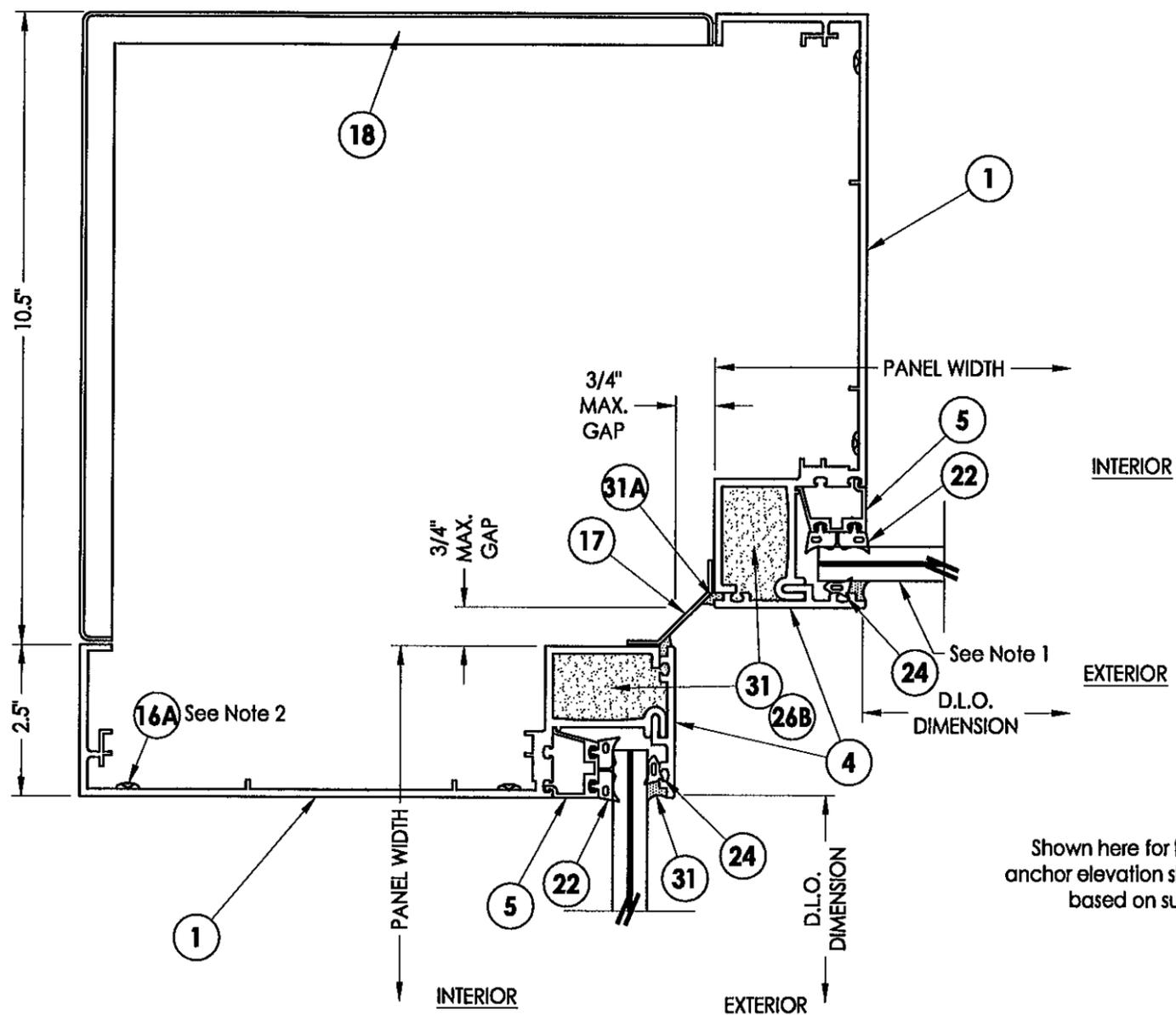
Documents Prepared By:  
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813  
Ryan J. King, P.E. No. 64619

PRODUCT: WEST TAMPA GLASS SERIES WTC-900  
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

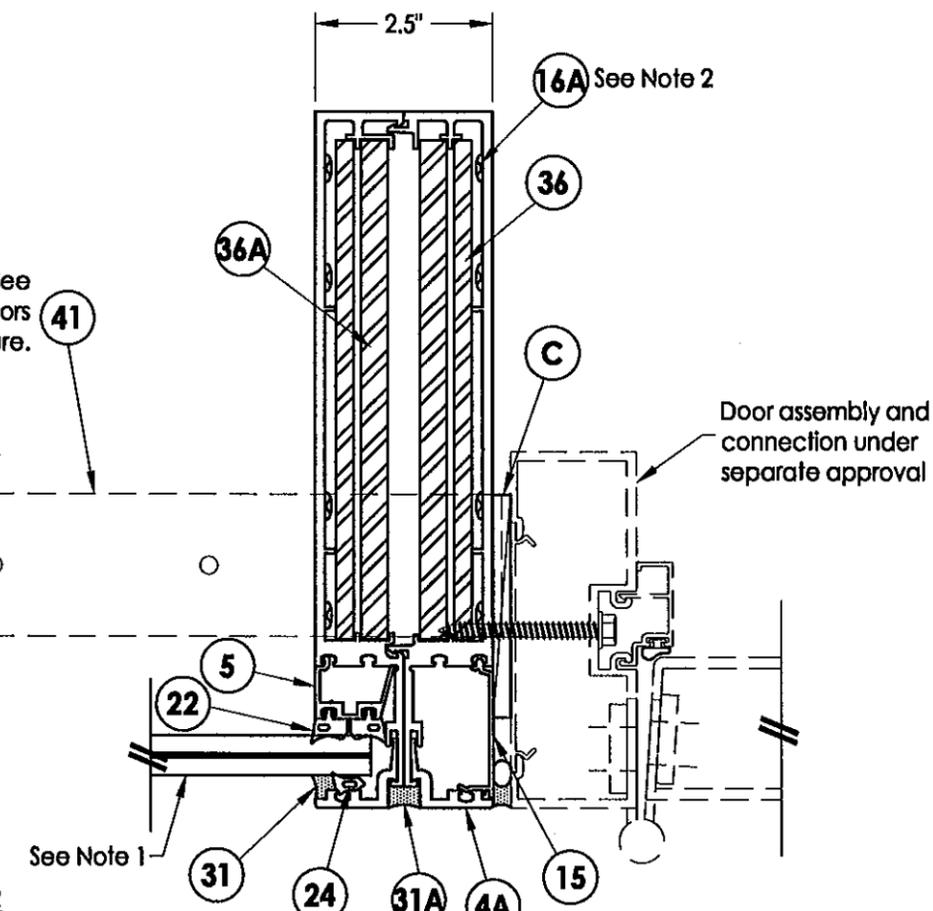
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CHK. BY: LFS  
DRAWING NO.: S-4106  
SHEET 5 OF 18

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**1**  
**6** HORIZONTAL CROSS SECTION

Shown here for location reference only. See anchor elevation sheets for quantity of anchors based on substrate and design pressure.



**2**  
**6** HORIZONTAL CROSS SECTION

Total lx (Aluminum) = 140.155 in.<sup>4</sup> (Dry Glazed)

- NOTES:
- See sheets 2 & 3 for glazing option details and sheets 13 & 14 for face cover option details.
  - Attach the head and sill to the jambs w/ (6) item 16A and to the mullions w/ (6) item 16A at each end.

Approved as complying with the Florida Building Code  
 Date 06/23/2011  
 NOA# 11-053034  
 Miami Dept. Product Control  
 By *[Signature]*

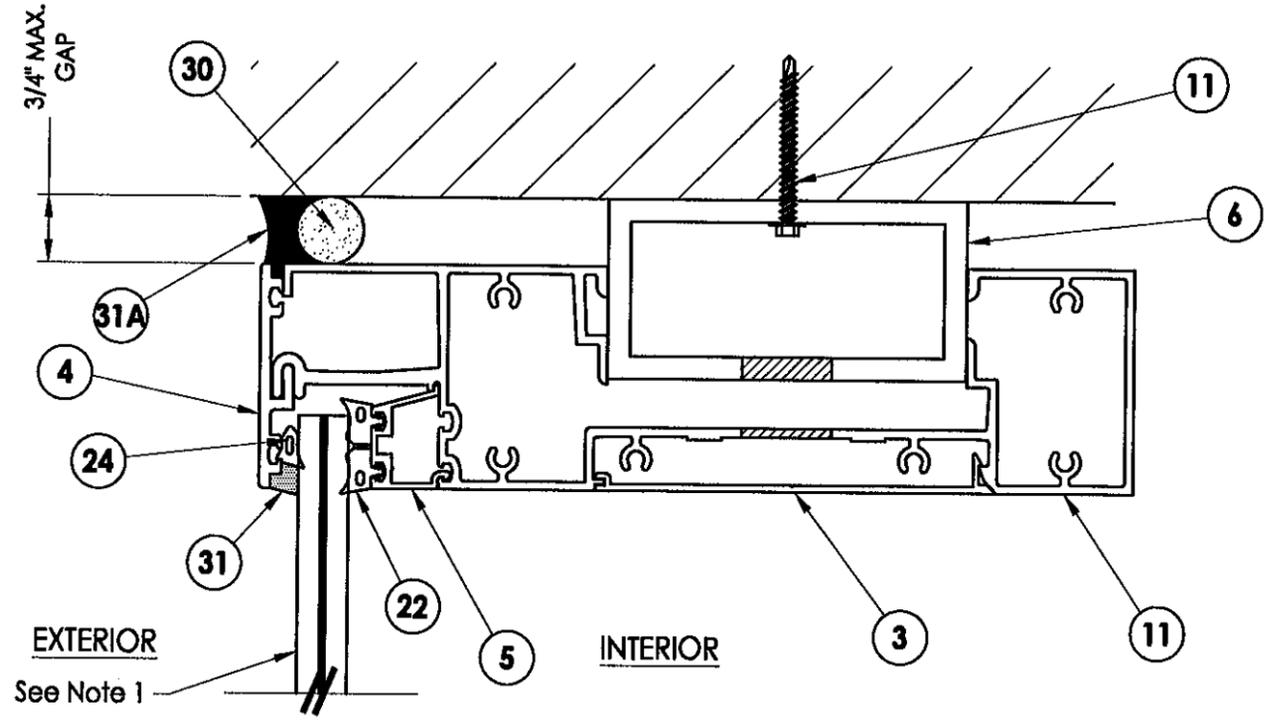
Documents Prepared By:  
**R.W.** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Valrico FL 33595  
 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate Of Authorization No. 9813  
*[Signature]* 3-10-11  
 Ryan J. King, P.E. No. 64619

PRODUCT: WEST TAMPA GLASS SERIES WTG-900  
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

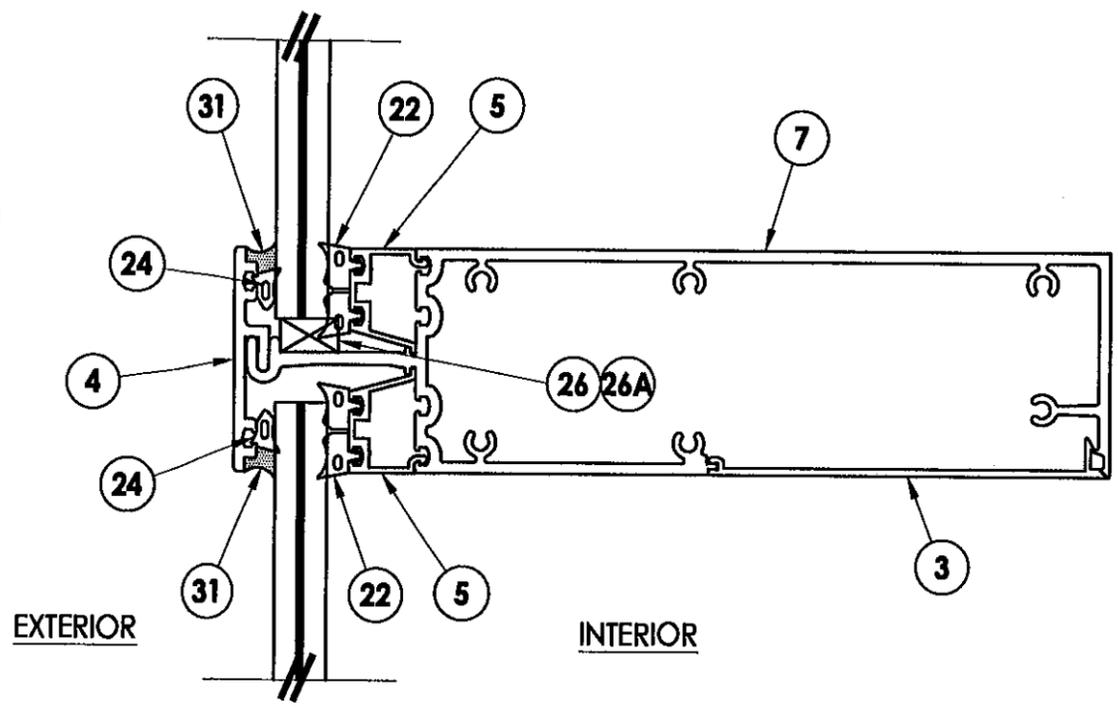
NO.	DATE	REVISIONS	BY

DATE: 3/3/11  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: S-4106  
 SHEET 6 OF 18

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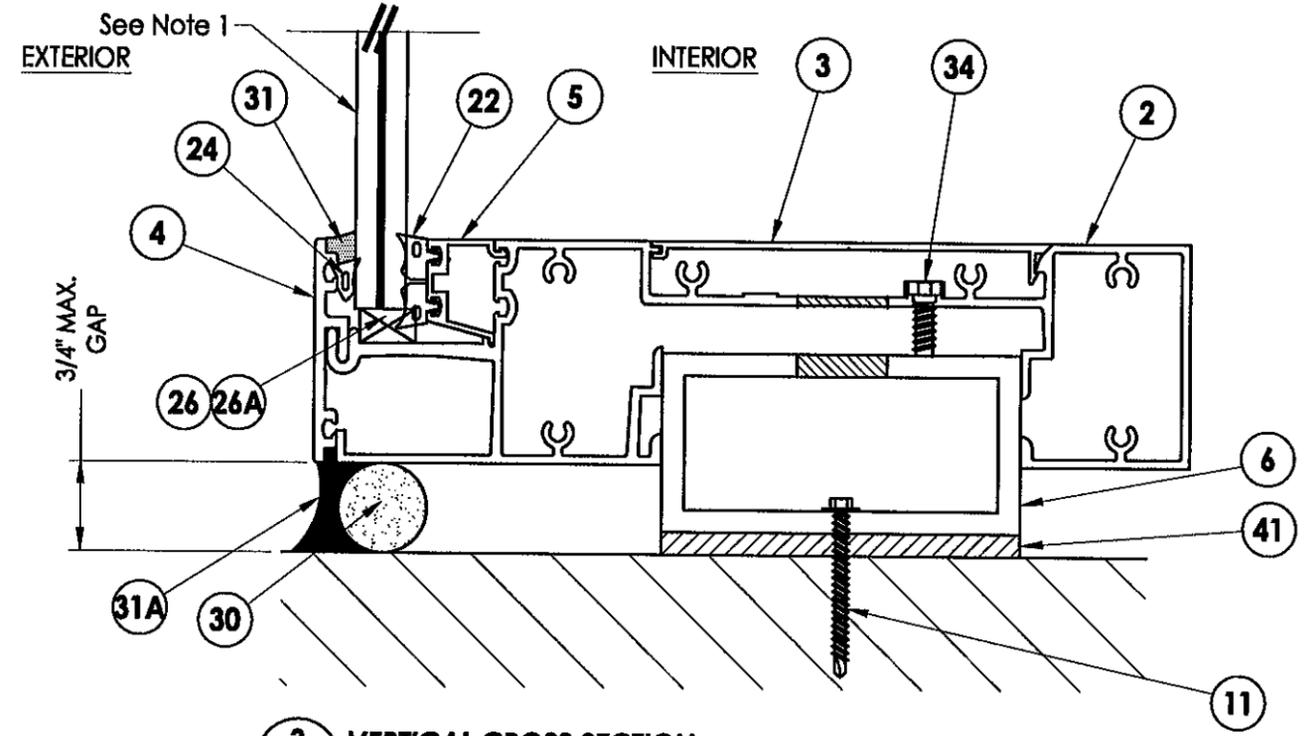


**1 VERTICAL CROSS SECTION**  
7 Head Detail  
Dry Glazed Option

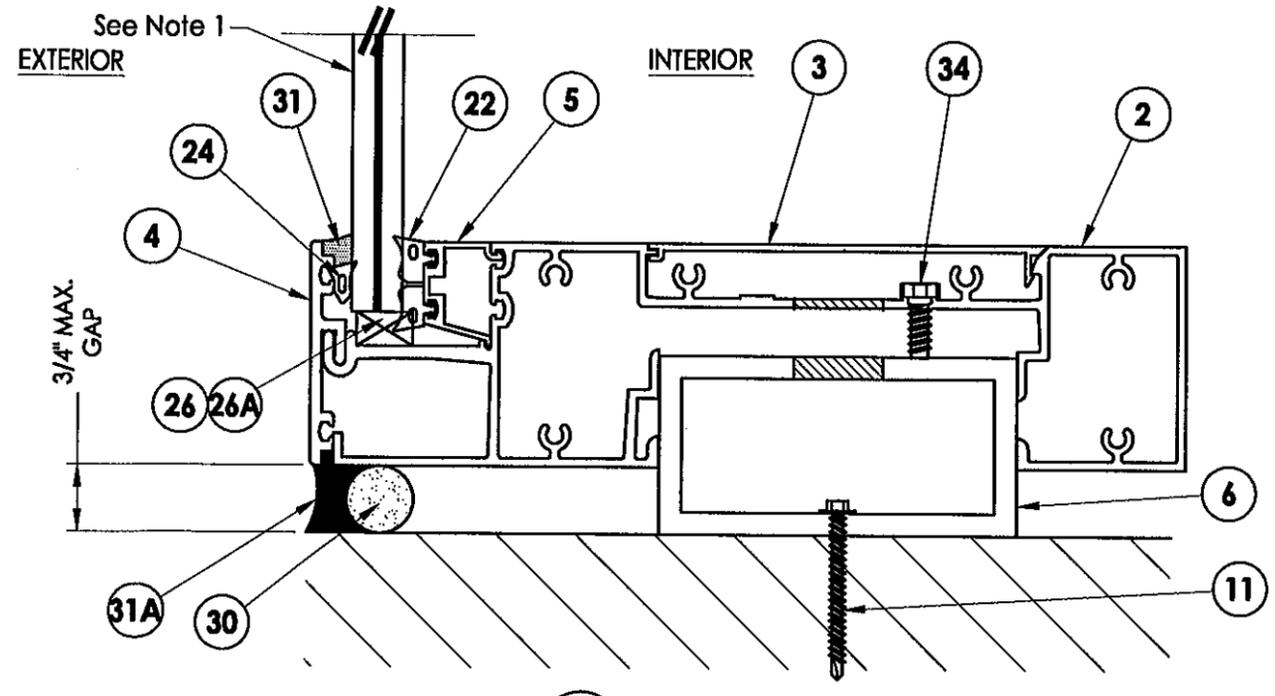


**2 VERTICAL CROSS SECTION**  
7 Intermediate Horizontal Mullion Detail  
Dry Glazed Option

NOTES:  
1. See sheets 2 & 3 for glazing option details and sheets 13 & 14 for face cover option details.



**3 VERTICAL CROSS SECTION**  
7 Sill Detail w/ Steel Angle Clip  
Dry Glazed Option



**4 VERTICAL CROSS SECTION**  
7 Sill Detail  
Dry Glazed Option

Approved as complying with the Florida Building Code  
Date: 06/23/2011  
NOAF: 11-0330-04  
Miami Dade Product Control  
By: [Signature]

Documents Prepared By:

**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813  
Ryan J. King, P.E. No. 64619

PRODUCT: WEST TAMPA GLASS  
SERIES WTG-900

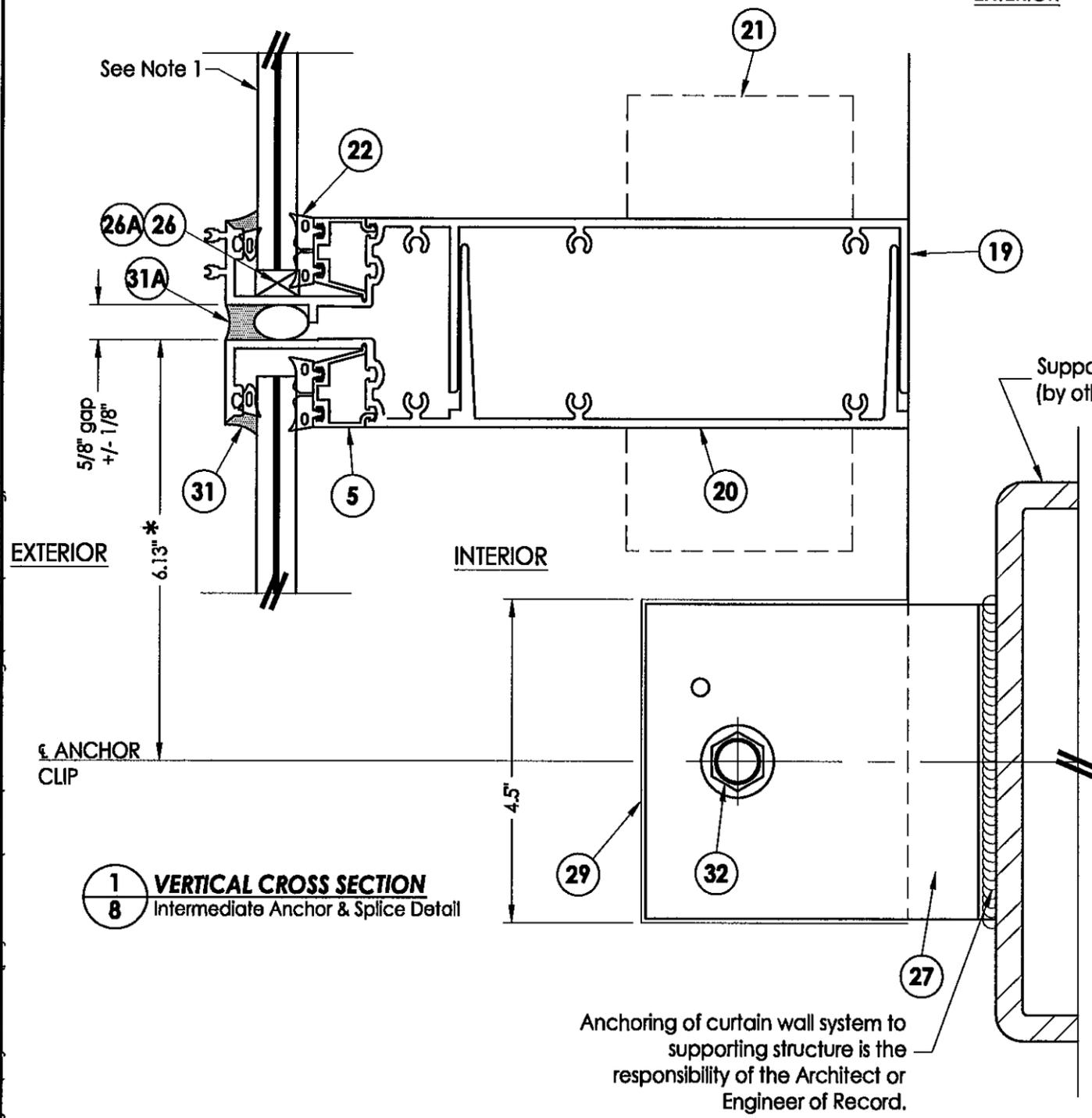
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

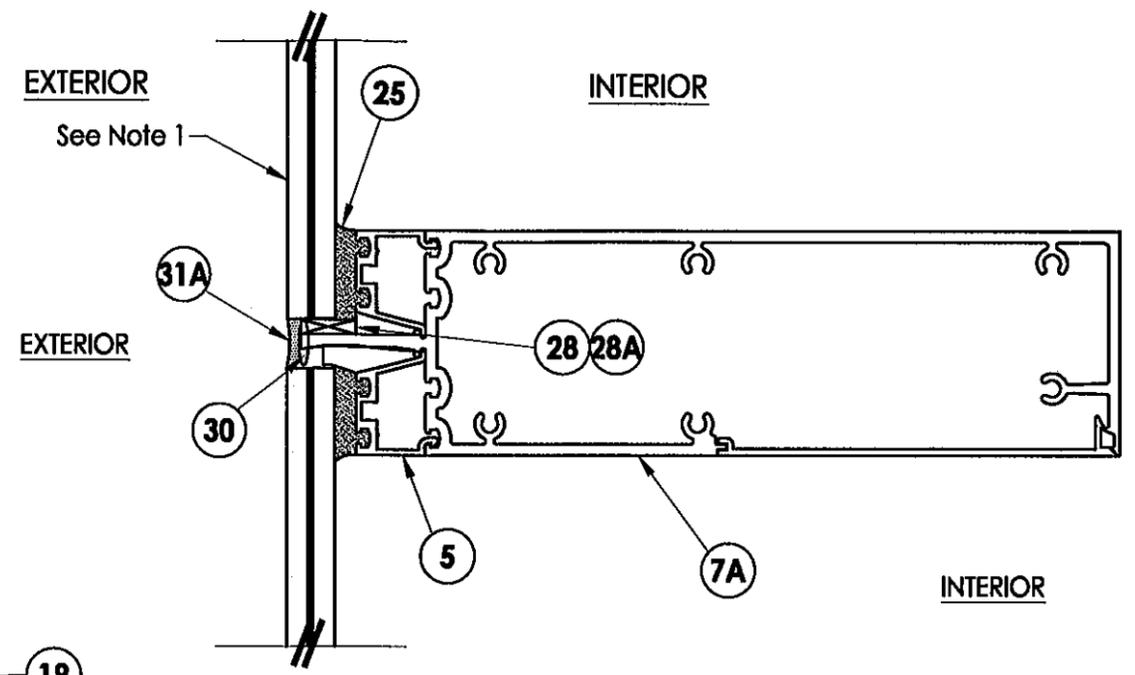
DATE: 3/3/11  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: S-4106  
SHEET 7 OF 18

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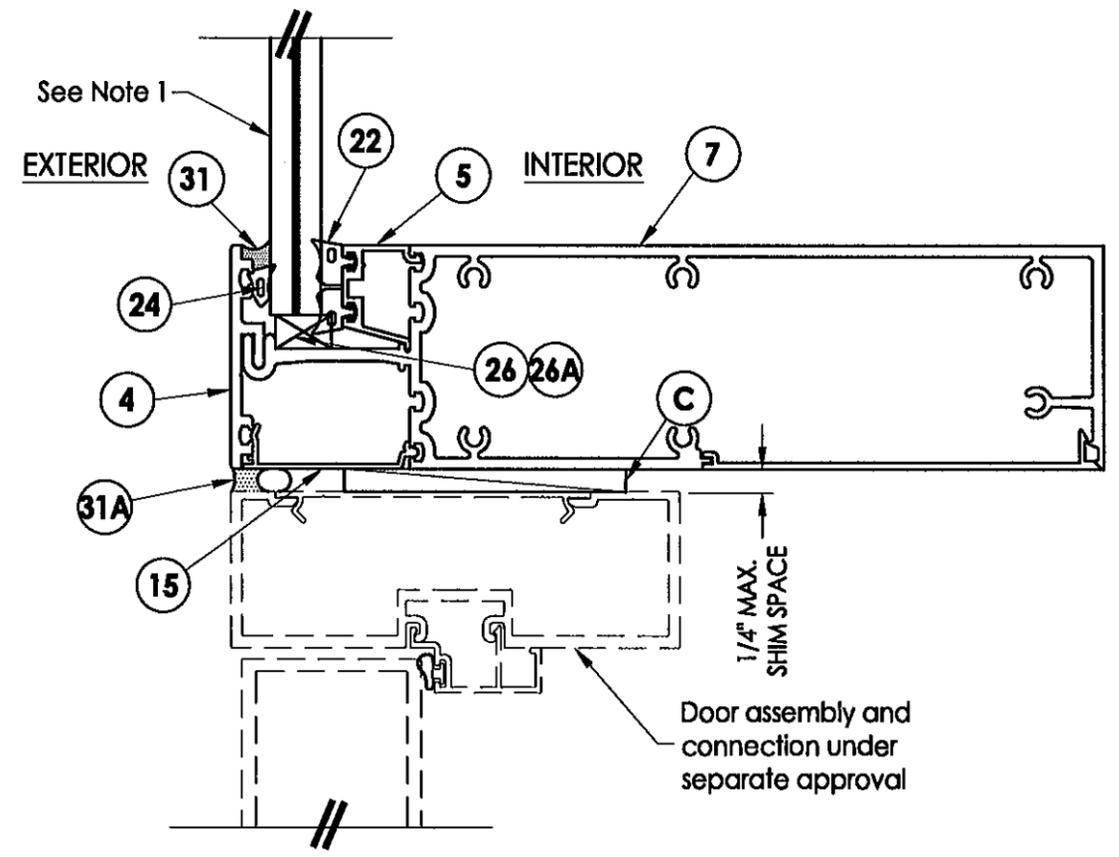
- NOTES:
1. See sheets 2 & 3 for glazing option details and sheets 13 & 14 for face cover option details.
  2. \*Dimension shown as tested and may be modified as specified by the Architect or Engineer of Record.



**1**  
**8** **VERTICAL CROSS SECTION**  
Intermediate Anchor & Splice Detail



**2**  
**8** **VERTICAL CROSS SECTION**  
Butf-glazed



**3**  
**8** **VERTICAL CROSS SECTION**  
Intermediate Horizontal Mullion/Door Header Detail

Approved as complying with the Florida Building Code  
 Date 08/23/2011  
 NOA# 1-2330-04  
 Miami Design Product Control  
 By: [Signature]

Documents Prepared By:  
**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 250 Valrico FL 33595  
 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate of Authorization No. 9813  
 Ryan J. King, P.E. No. 64619

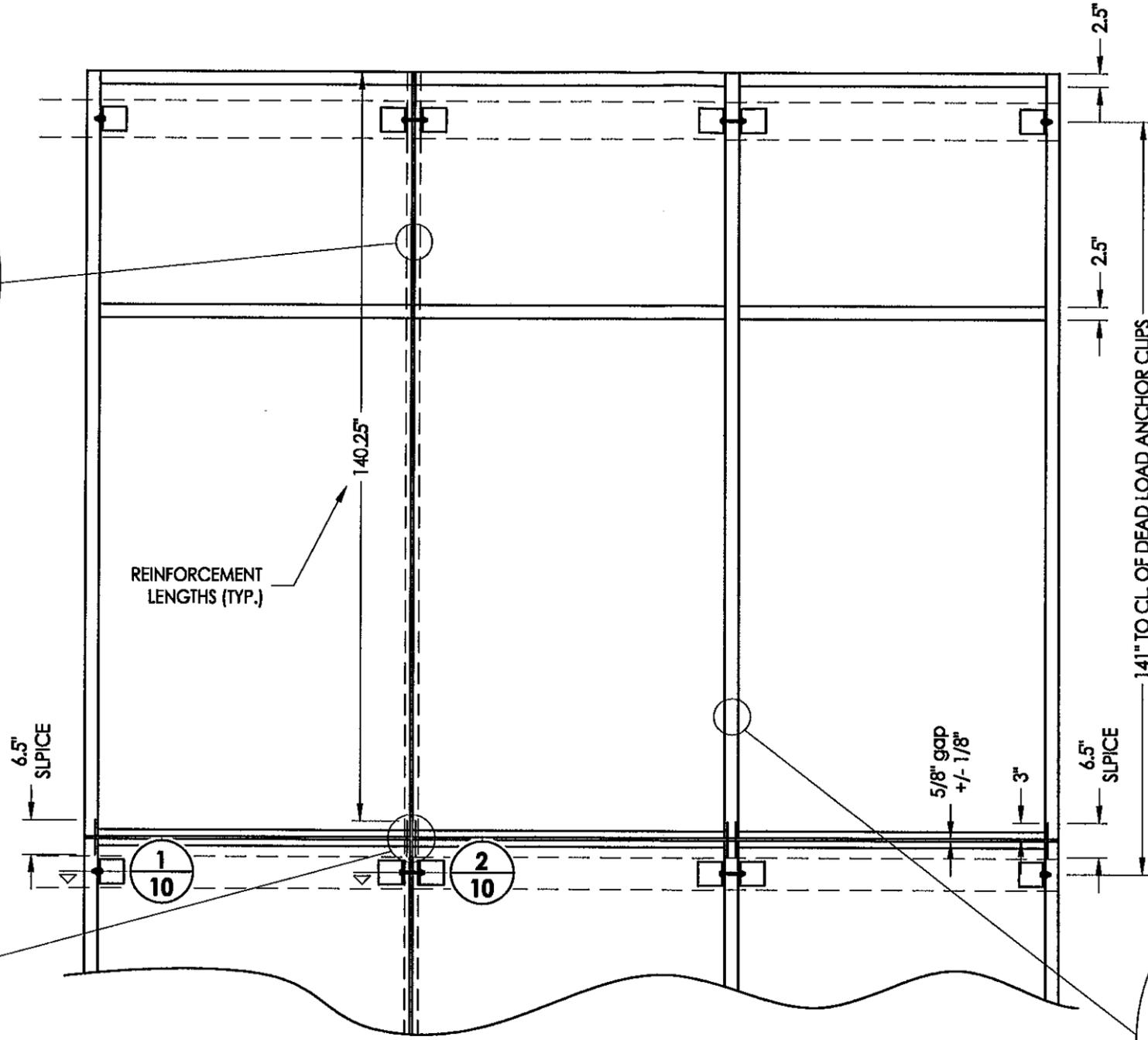
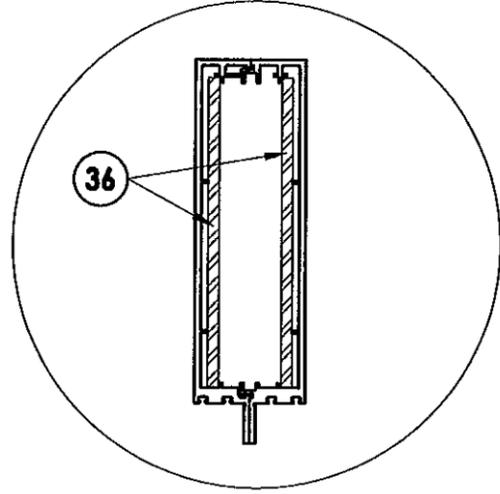
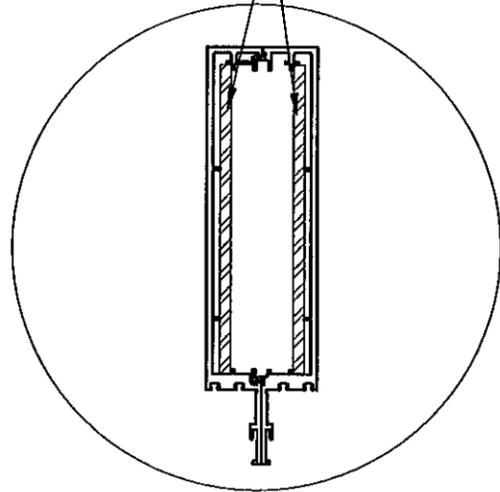
PRODUCT: WEST TAMPA GLASS SERIES WTG-900  
 PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY

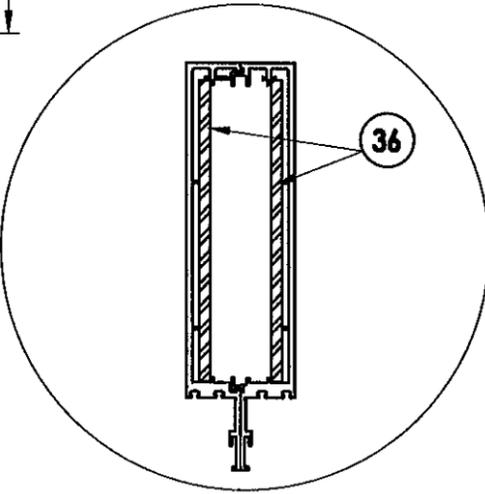
DATE: 3/3/11  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: S-4106  
 SHEET 8 OF 18

1/4" X 7" X 6-1/2" LONG  
ALUMINUM SPLICE  
PLATE FOR ALIGNMENT  
DURING INSTALLATION

21



TWIN SPAN PARTIAL INSTALLATION ELEVATION



Approved as complying with the  
Florida Building Code  
Date 06/23/2011  
NOAH 11-03320-04  
Miami Deck Product Control  
By *[Signature]*

Documents Prepared By:

**RW** BUILDING CONSULTANTS, INC.  
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Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate of Authorization No. 9813  
*[Signature]* 3-10-11  
Ryan J. King, P.E. No. 64619

PRODUCT:  
WEST TAMPA GLASS  
SERIES WTG-900

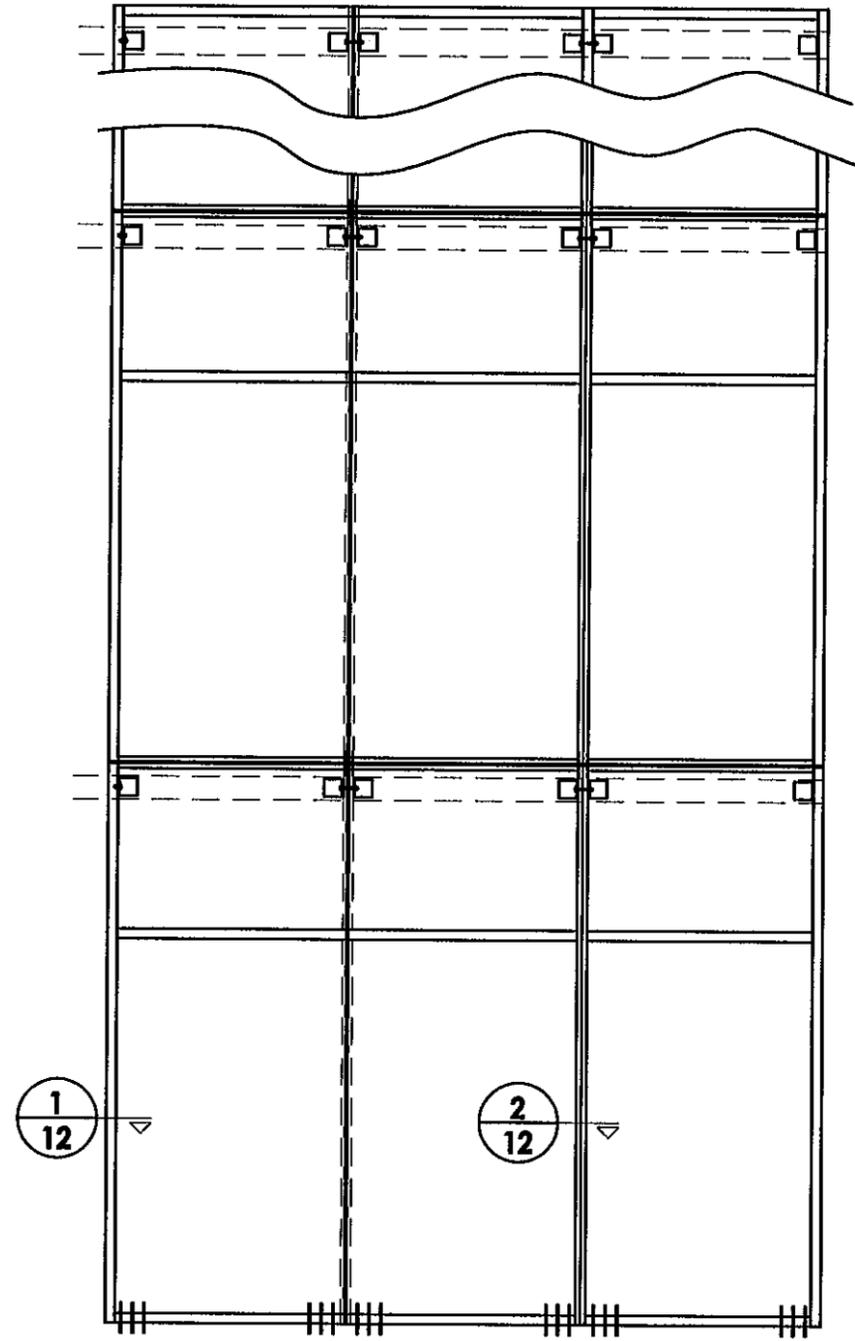
PART OR ASSEMBLY:  
TWIN SPAN DETAILS

NO.	DATE	BY	REVISIONS

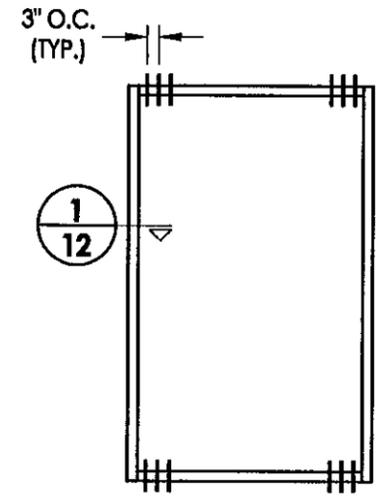
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DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: S-4106  
SHEET 9 OF 18



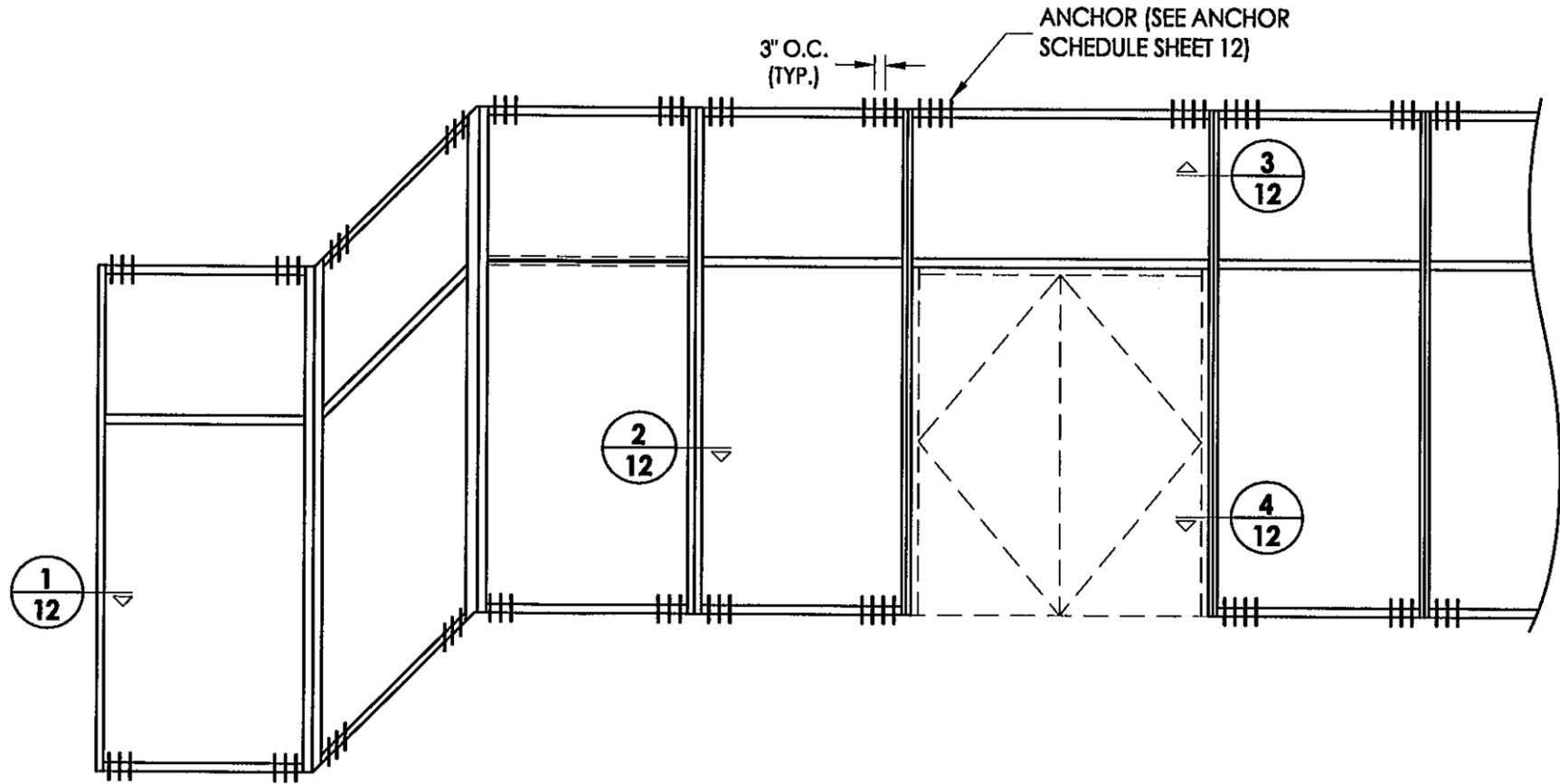
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**MULTIPLE SPAN FRAME ANCHORING**  
MAX. DP <= 90 PSF (MULTIPLE SPAN)



**SINGLE PUNCHED OPENING FRAME ANCHORING**  
MAX. DP <= 110 PSF



**SINGLE SPAN FRAME ANCHORING**  
MAX. DP <= 90 PSF (SINGLE SPAN)

Approved as complying with the Florida Building Code  
Date: 06/23/2011  
NOA# 11-00320-04  
Miami Dade Product Control  
By: *[Signature]*

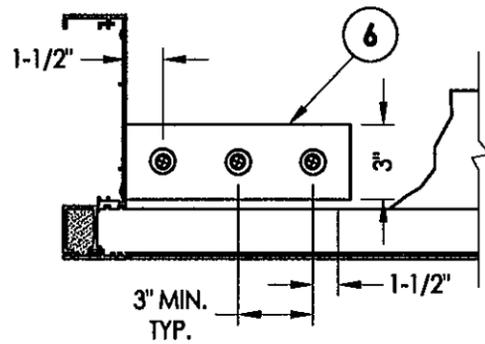
Documents Prepared By:  
**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Vairco FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813  
*[Signature]* 3-12-11  
Ryan J. King, P.E. No. 64619

PRODUCT: WEST TAMPA GLASS  
SERIES WTG-900

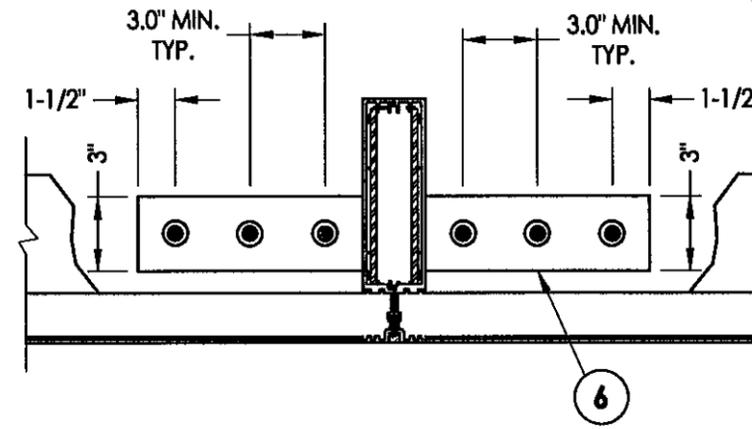
PART OR ASSEMBLY:  
ANCHORING

NO.	DATE	REVISIONS	BY

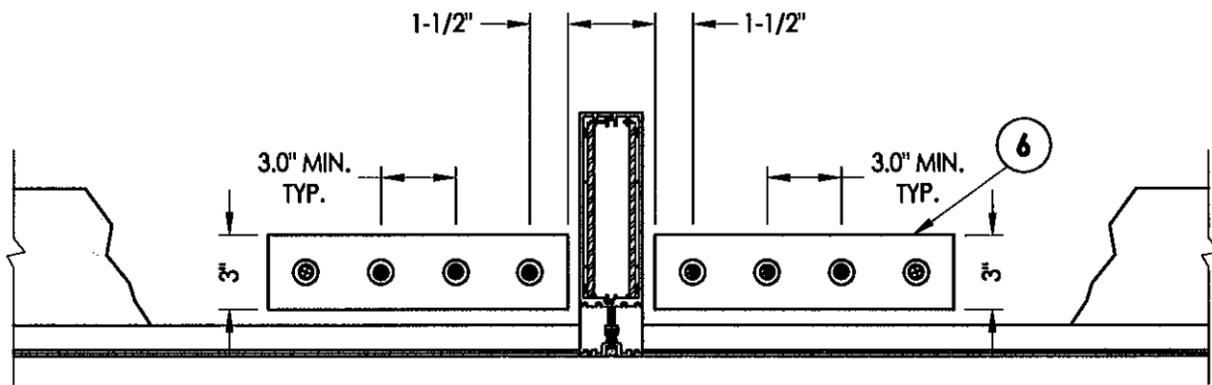
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CHK. BY: LFS  
DRAWING NO.: S-4106  
SHEET 11 OF 18



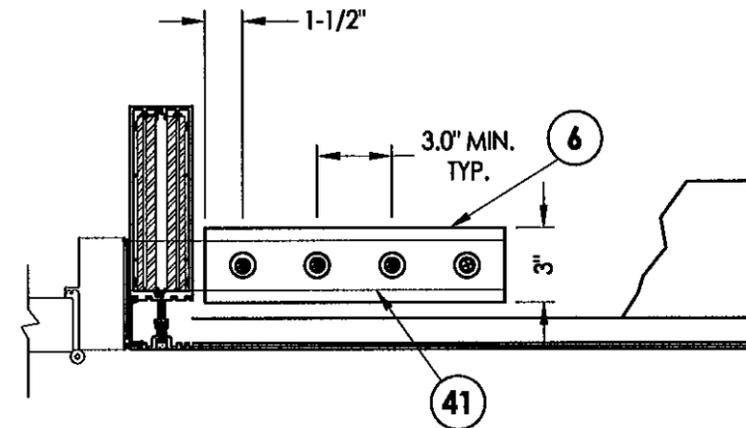
**1 HORIZONTAL CROSS SECTION @ JAMB**  
**12** Sill & sill cover partially removed for clarity  
 Anchor @ head similar



**2 HORIZONTAL CROSS SECTION @ VERTICAL**  
**12** Sill & sill cover partially removed for clarity  
 Anchor @ head similar

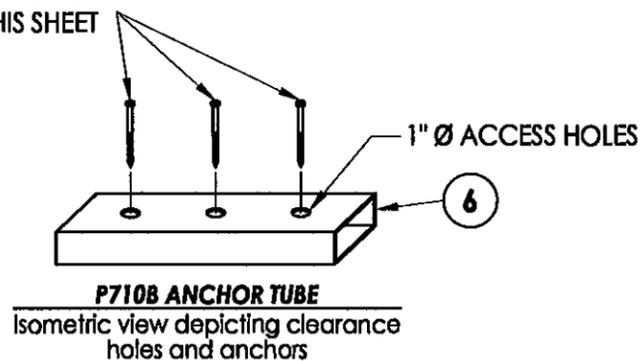


**3 HORIZONTAL CROSS SECTION @ DOOR JAMB**  
**12** Head & head cover partially removed for clarity



**4 HORIZONTAL CROSS SECTION @ DOOR JAMB**  
**12** Sill & sill cover partially removed for clarity

SEE ANCHOR SCHEDULE THIS SHEET



ANCHOR SCHEDULE	
SUBSTRATE	ANCHOR
CONCRETE: 	5/16" DIA. X 2-3/4" ITW HWH TAPCON ANCHOR WITH 2.25" MIN. EMBEDMENT, 2-3/16" MIN EDGE DISTANCE & 3.0" MIN. CENTERLINE DISTANCE. CONCRETE CONFORMING TO ACI 301 (3,192 PSI MIN.)
STEEL: 	1/4-20 X 1-1/2" HWH #4 KWIK-FLEX SELF DRILLING SCREW (A MINIMUM OF 3 THREADS SHALL PROTRUDE THROUGH THE STEEL SUBSTRATE) STEEL CONFORMING TO ASTM A653, .125" MIN. WALL THICKNESS Fy = 33,000 PSI, Fu = 45,000 PSI

Approved as complying with the Florida Building Code  
 Date: 06/23/2011  
 NOA#: 11-0330-04  
 Miami Design Product Control  
 By: 

Documents Prepared By:

**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Valrico FL 33595  
 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate of Authorization No. 9813  
 Ryan J. King, P.E. No. 64619

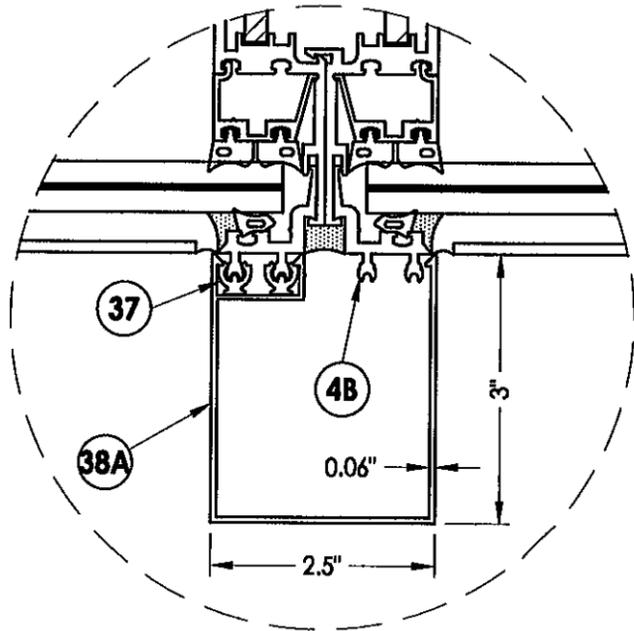
PRODUCT: WEST TAMPA GLASS SERIES WTG-900

PART OR ASSEMBLY: ANCHORING

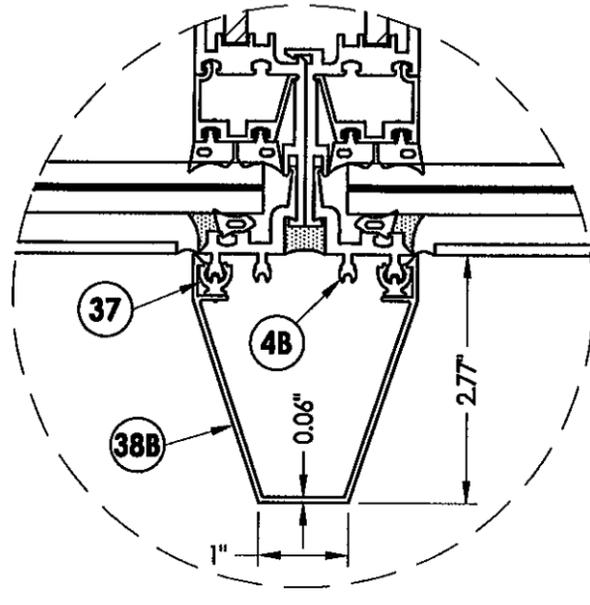
NO.	DATE	BY	REVISIONS

DATE: 3/3/11  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: S-4106  
 SHEET 12 OF 18

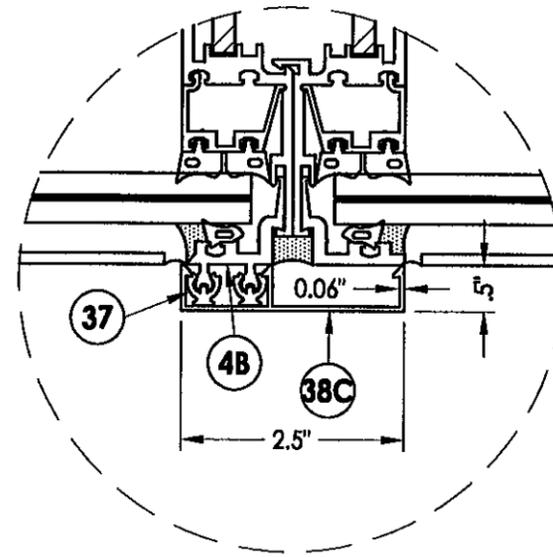
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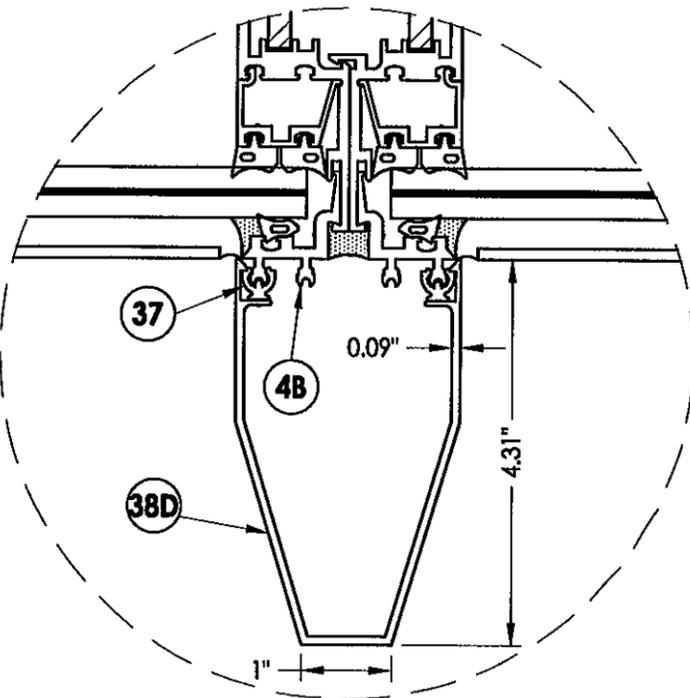
DEEP SQUARE VERTICAL FACE COVER



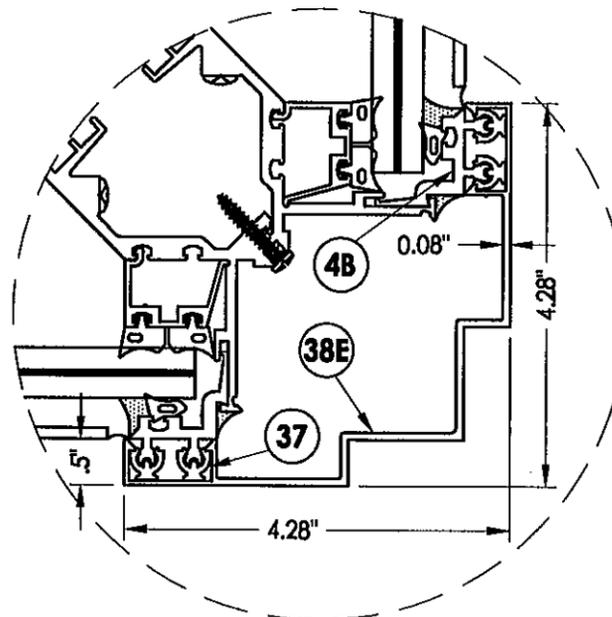
HALF DEEP VERTICAL FACE COVER



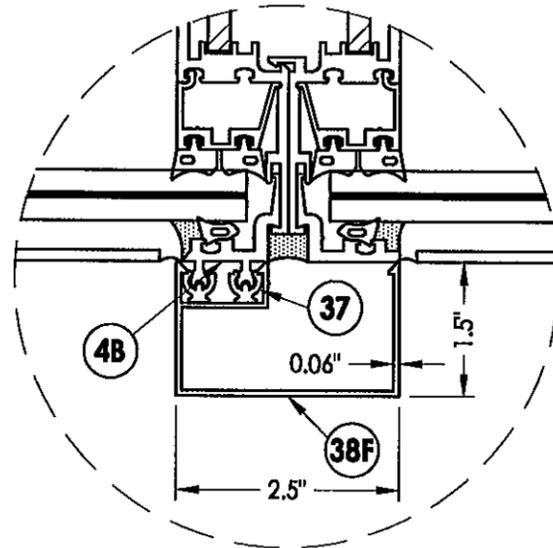
TYPICAL FACE COVER



DEEP VERTICAL FACE COVER



TYPICAL CORNER FACE COVER



HALF DEEP SQUARE VERTICAL FACE COVER

Approved as complying with the Florida Building Code  
 Date: 06/23/2011  
 NOA# 11-0230-04  
 Miami Design Product Control

By: *[Signature]*

Documents Prepared By:

**R.W.** BUILDING CONSULTANTS, INC.  
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 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate Of Authorization No. 9813  
 3-10-11  
 Ryan J. King, P.E. No. 64619

PRODUCT: WEST TAMPA GLASS  
 SERIES WTG-900

PART OR ASSEMBLY:  
 FACE COVER OPTION DETAILS

NO.	DATE	BY	REVISIONS

DATE: 3/3/11

SCALE: N.T.S.

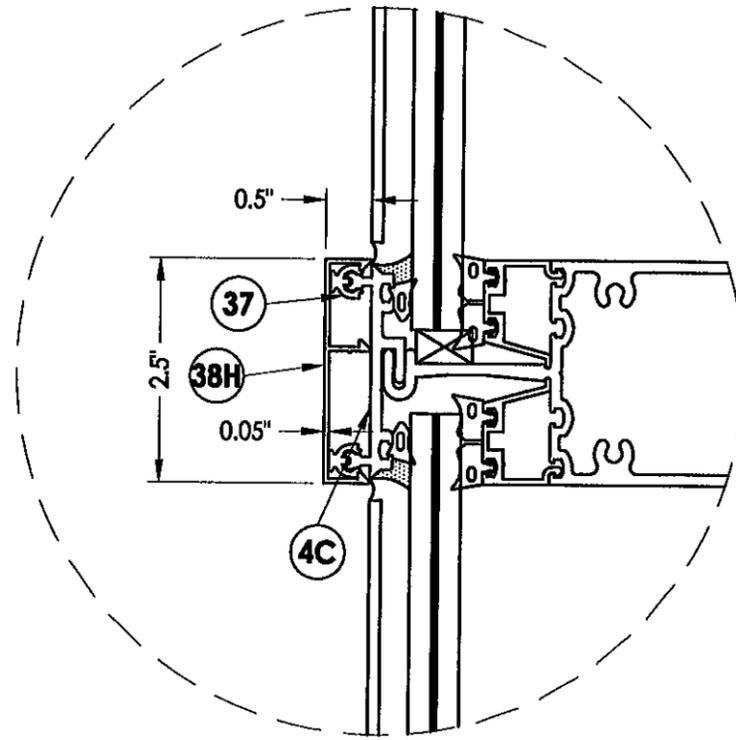
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CHK. BY: LFS

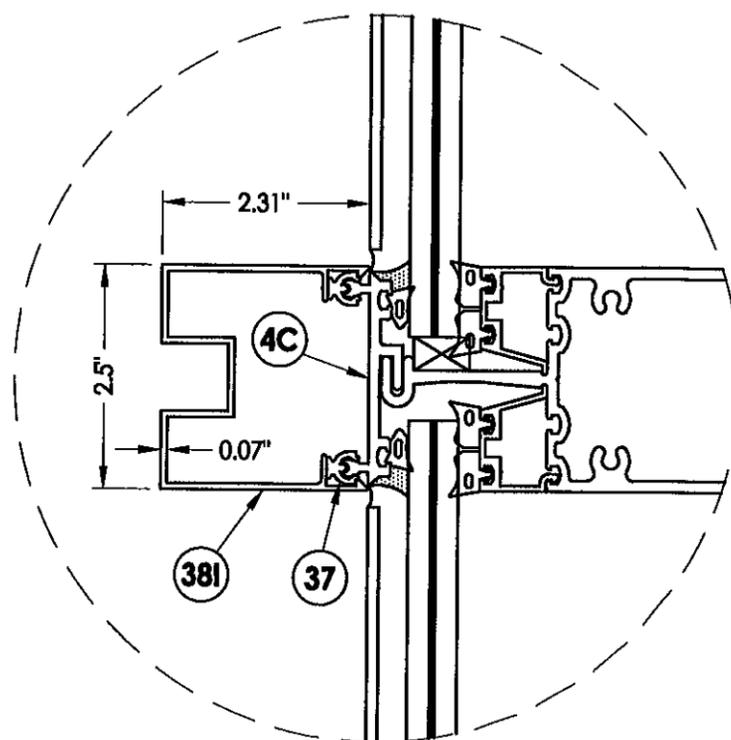
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SHEET 13 of 18

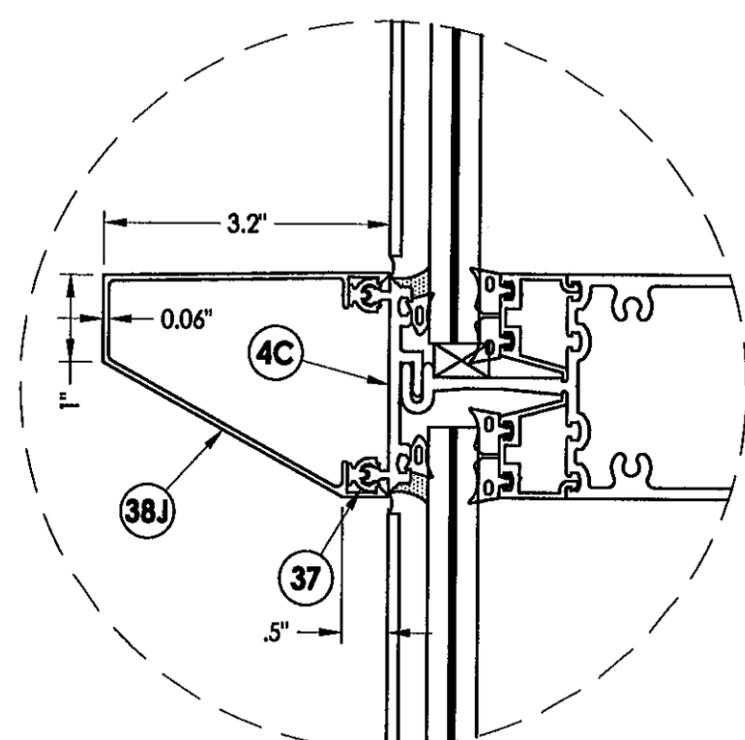
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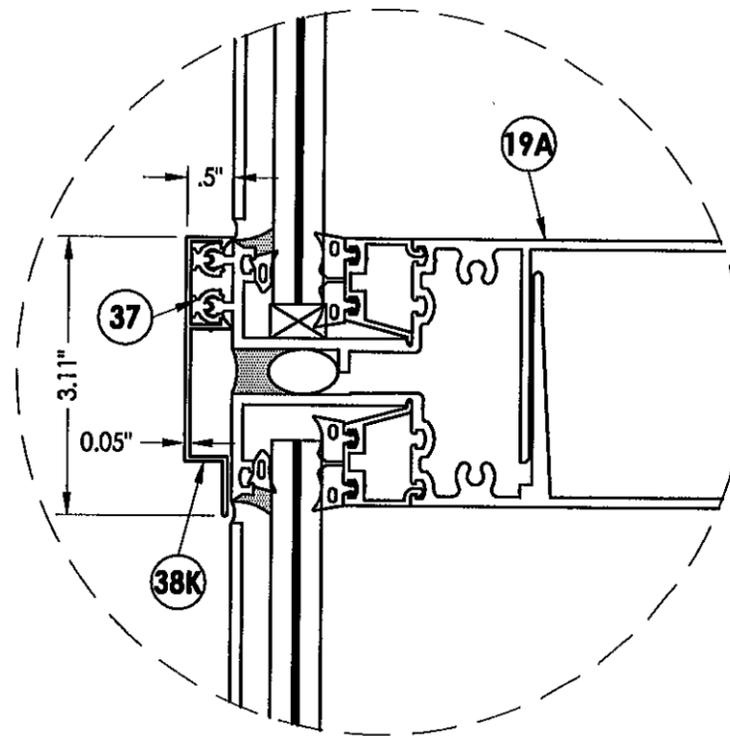
TYPICAL FACE COVER



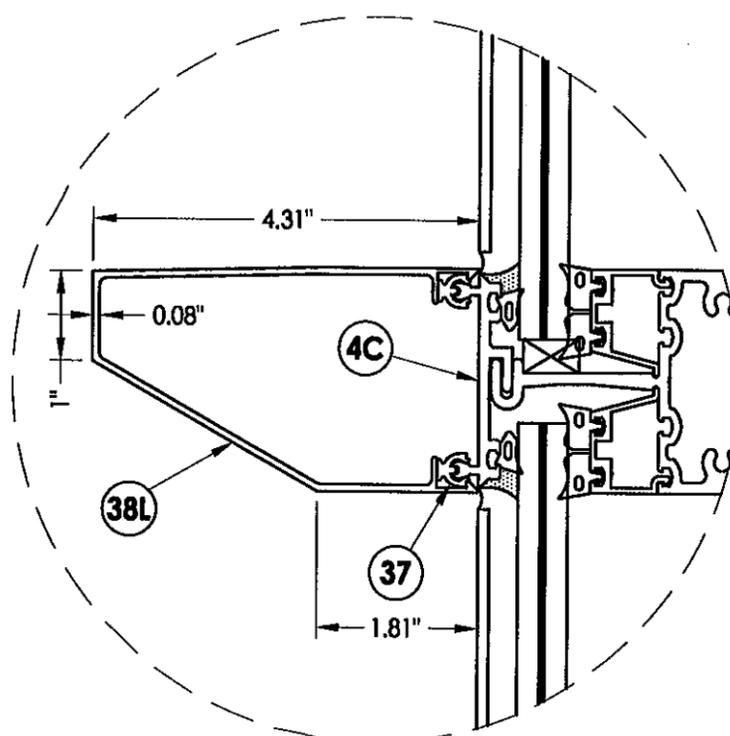
NOTCHED HORIZONTAL FACE COVER



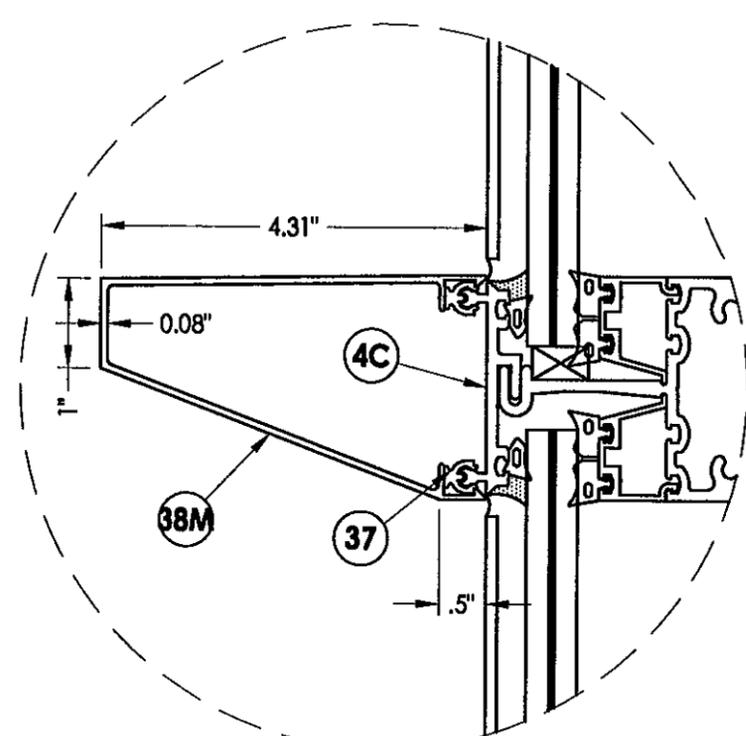
HALF DEEP HORIZONTAL FACE COVER



TWIN SPAN HORIZONTAL FACE COVER



DEEP SLOPED HORIZONTAL FACE COVER



DEEP SLOPED HORIZONTAL FACE COVER OPTION 2

Approved as complying with the Florida Building Code  
 Date 06/23/2011  
 NOA# 11-0930.04  
 Miami Dade Product Control  
 By *[Signature]*

Documents Prepared By:

**RW** BUILDING CONSULTANTS, INC.  
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 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate Of Authorization No. 9813  
*[Signature]* Ryan J. King, P.E. No. 64619

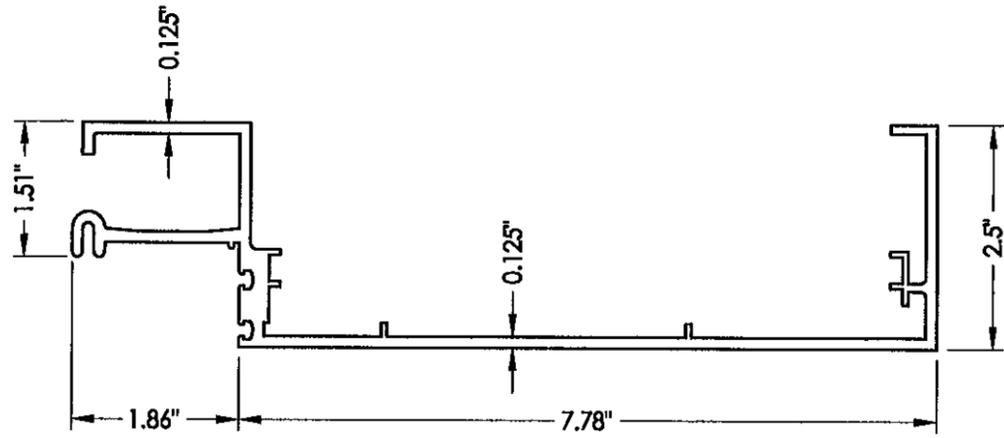
PRODUCT: WEST TAMPA GLASS SERIES WTG-900

PART OR ASSEMBLY: FACE COVER OPTION DETAILS

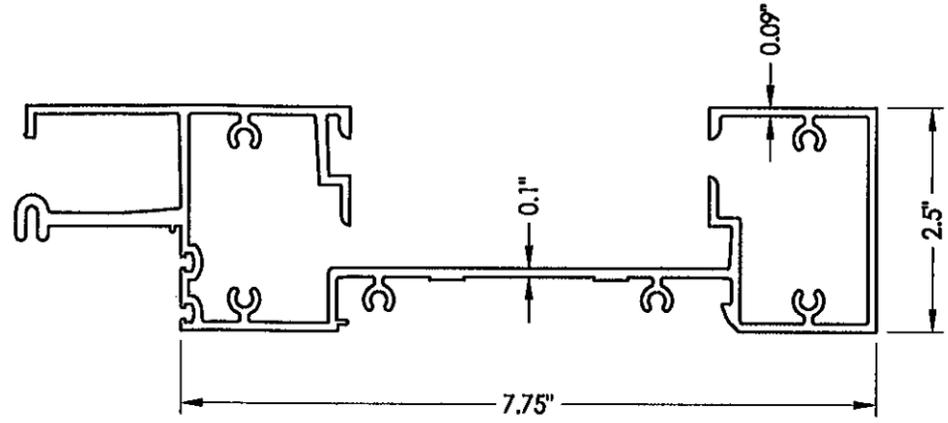
NO.	DATE	BY	REVISIONS

DATE: 3/3/11  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: S-4106  
 SHEET 14 of 18

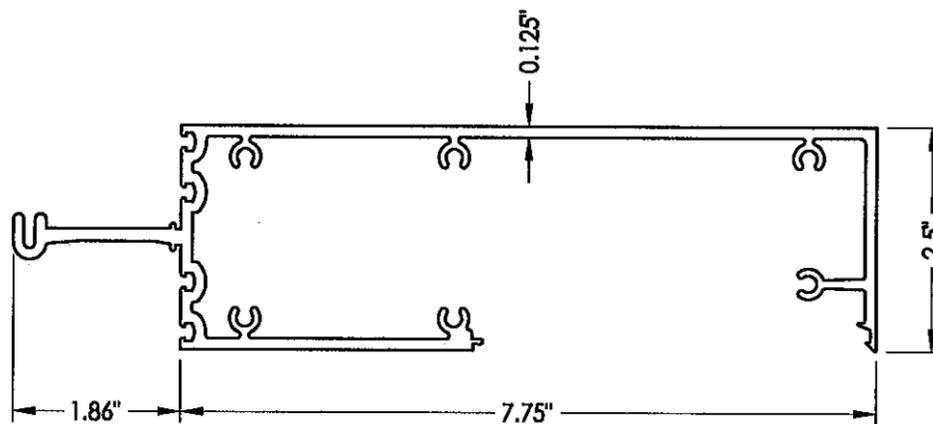
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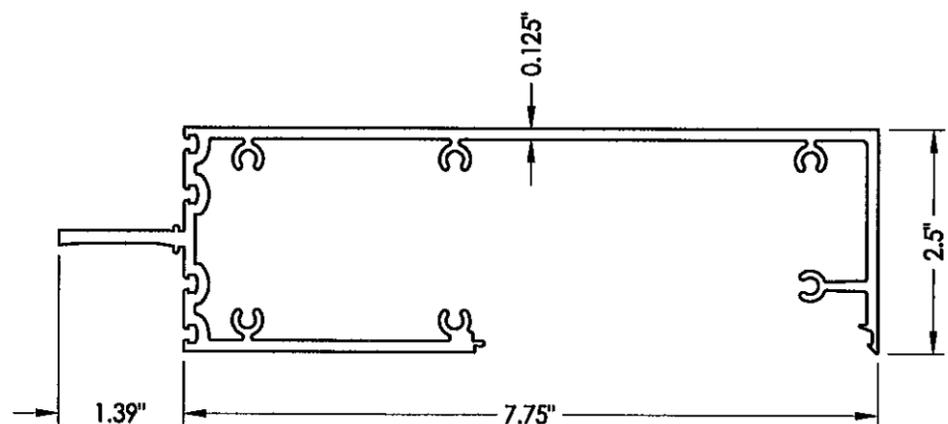
1 JAMB



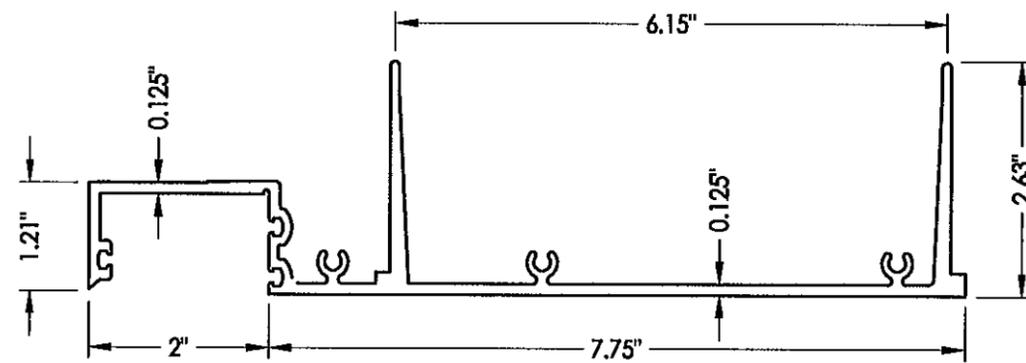
2 HEAD & SILL



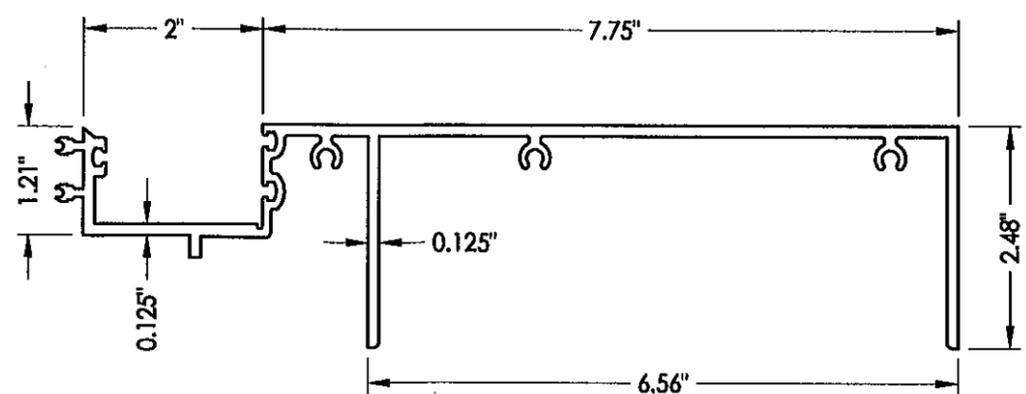
7 INTERMEDIATE HORIZONTAL



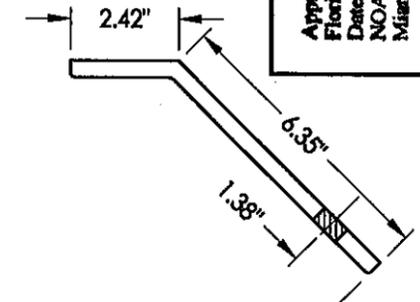
7A INTERMEDIATE HORIZONTAL



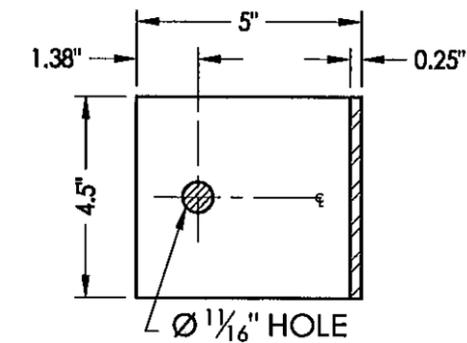
20 BOTTOM TWIN SPAN



19A TOP TWIN SPAN



27A DEAD LOAD ANCHOR CLIP @ 45°



27 DEAD LOAD ANCHOR CLIP

Approved as complying with the Florida Building Code  
 Date 06/23/2011  
 NOAH 11-0230-04  
 Miami Dade Product Control  
 By *[Signature]*

Documents Prepared By:

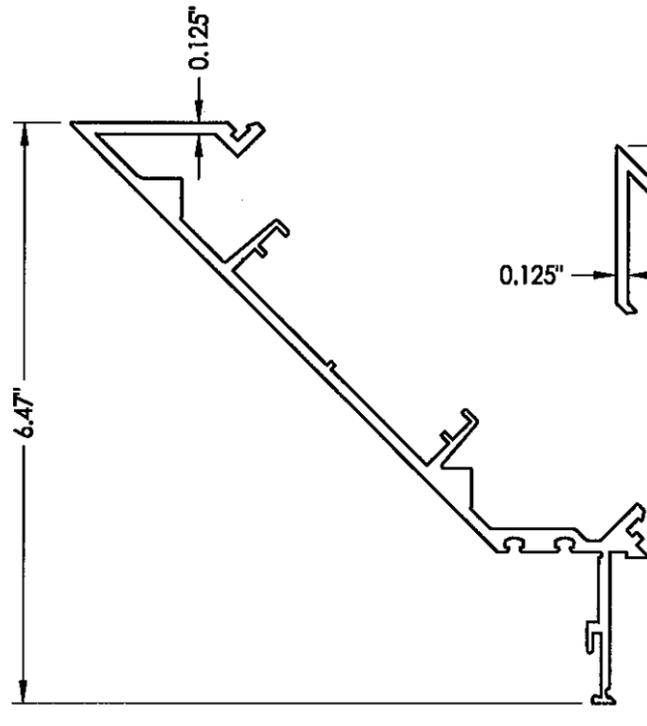
**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Vairico FL 33595  
 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate Of Authorization No. 9813  
*[Signature]* 3-10-11  
 Ryan J. King, E. No. 64619

PRODUCT: WEST TAMPA GLASS SERIES WTC-900

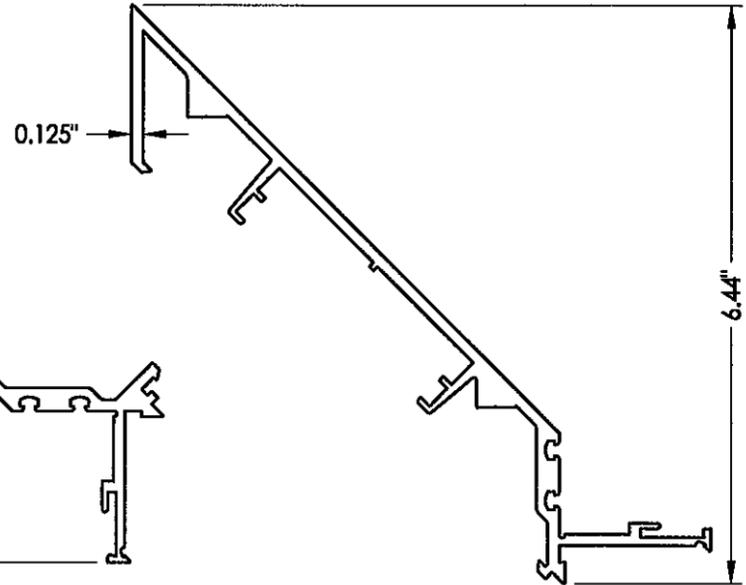
PART OR ASSEMBLY: COMPONENTS

NO.	DATE	REVISIONS	BY

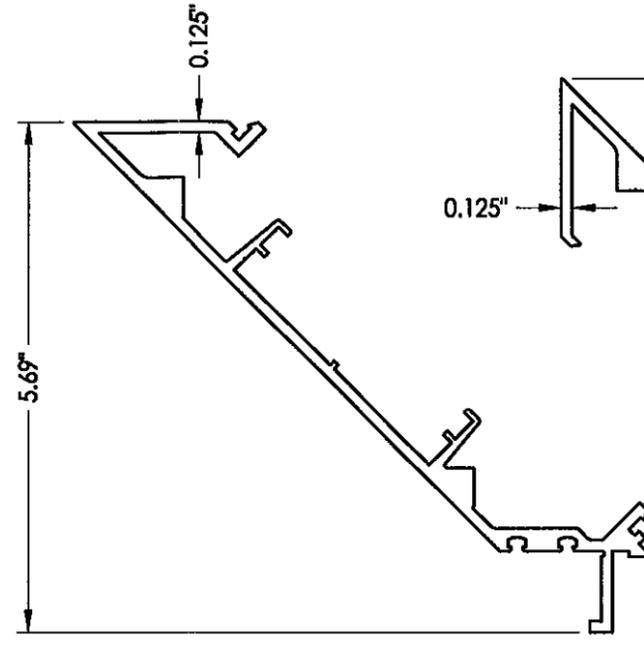
DATE: 3/3/11  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: S-4106  
 SHEET 15 OF 18



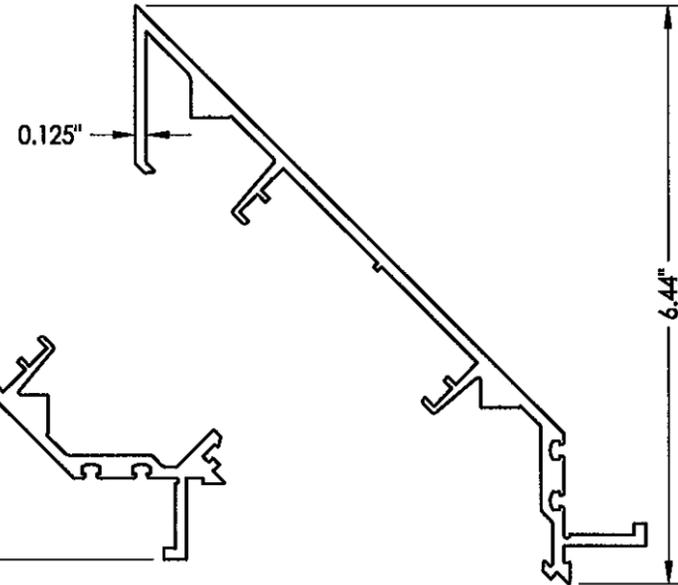
8 MALE CORNER



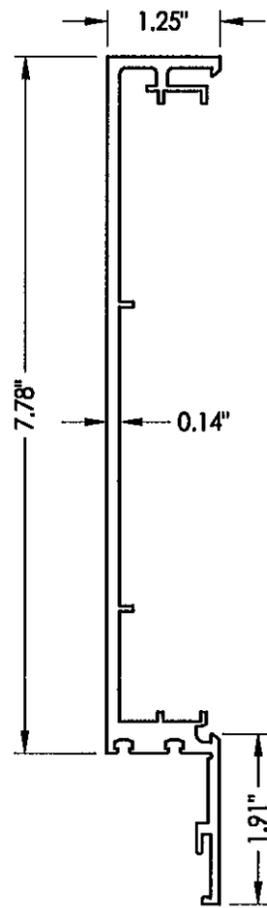
9 FEMALE CORNER



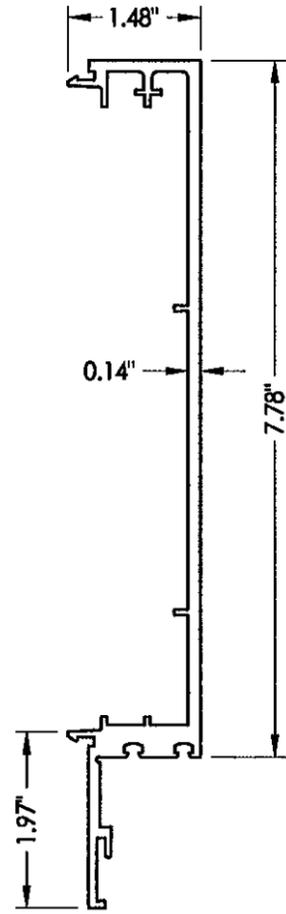
8A MALE CORNER



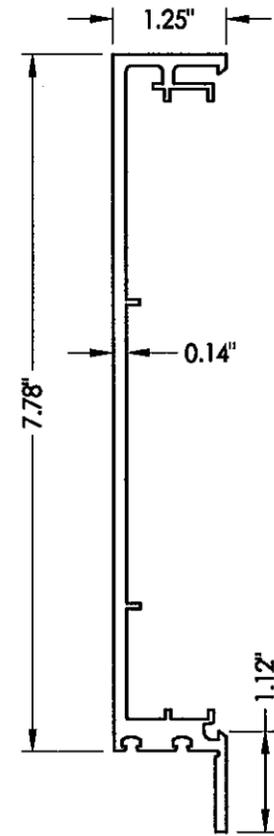
9A FEMALE CORNER



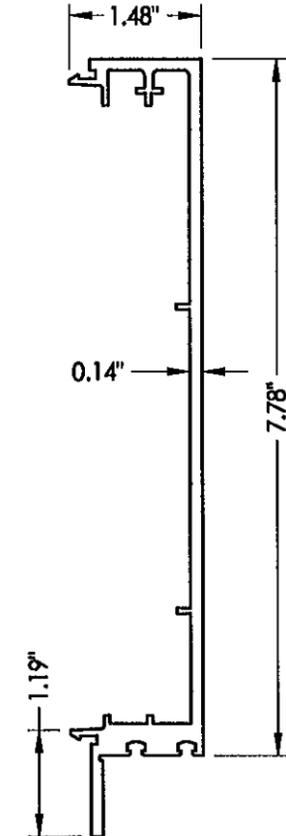
12 MULLION FEMALE



13 MULLION MALE



12A MULLION FEMALE



13A MULLION MALE

Approved as complying with the  
Florida Building Code  
Date 06/23/2011  
NOA# 11-0130-04  
Miami Dade Product Control  
By *[Signature]*

Documents Prepared By:

**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813  
*[Signature]* 3-10-11  
Ryan J. King, P.E. No. 64619

PRODUCT:  
WEST TAMPA GLASS  
SERIES WTG-900

PART OR ASSEMBLY:  
COMPONENTS

NO.	DATE	REVISIONS	BY

DATE: 3/3/11  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: S-4106  
SHEET 16 of 18



