



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

**NOTICE OF ACCEPTANCE (NOA)**

AWP, LLC  
8130 N. W. 74<sup>th</sup> Avenue  
Miami, Florida 33166

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series "1900" Aluminum Sliding Glass Door-L. M. Impact**

**APPROVAL DOCUMENT:** Drawing No. **SGD 1900**, titled: Series "1900 Impactview" Sliding Glass Door, sheets 1 thru 5 of 5, prepared by manufacturer dated 06/28/08 and last revised on 10/25/08, signed and sealed by Kelvyn Whitfield, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

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

**Limitation:**

1. Design Pressure of all configuration OXXO, OXO, OX or XO w/ 46"W X108"H or smaller (up to code limits) = +80/-80 psf (3-1/2" sill riser is required for positive design pressure water rating).
2. Design Pressure rating for down size OX or XO w/ 48"W X 96"H or smaller (up to code limits) = +80/-120 psf

**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 =- f 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 **revises** NOA # **08-0722.05** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 08-1028.01  
Expiration Date: September 18, 2013  
Approval Date: December 18, 2008  
Page 1

11/24/08

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS (transferred from file # 08-0722.05)**

1. Manufacturer's die drawings and sections.
2. Drawing No. **SGD 1900**, titled: Series "1900 Impact view" Sliding Glass Door, sheets 1 thru 5 of 5, prepared by manufacturer dated 06/28/08 and last revised on 10/25/08, prepared by manufacturer, signed and sealed by Kelvyn Whitfield, P.E.

**B. TESTS (transferred from file #08-0722.05)**

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) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Force Entry Resistant per FBC, TAS 202-94

Along with marked-up drawings and installation diagram of OXXO Alum Sliding Glass Doors, prepared by Fenestration Testing Laboratory Inc, Test Report No. **FTL-5508 (FTL-08009)**, dated 03/19/08, signed & sealed by Carlos S. Rionda, 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) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of OX Alum Sliding Glass Doors, prepared by Fenestration Testing Laboratory Inc, Test Report No. **FTL-5727 (FTL-08138)**, dated 10/08/08, signed & sealed by Carlos S. Rionda, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations, dated 10/25/08, prepared, signed and sealed by Kelvyn Whitfield, P.E.
2. Glazing complies with ASTM E-1300-02 & -04.

**D. QUALITY ASSURANCE BY:**

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

**E. MATERIAL CERTIFICATIONS**

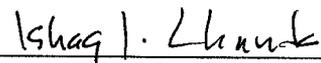
1. Notice of Acceptance No. **03-0415.13** issued to Solutia, Inc. for "**Vanceva™ Composite interlayer**", expiring on December 11, 2008.

**F. STATEMENTS**

1. Statement letters of conformance and "No financial interest", both dated 10/25/08, signed and sealed by Kelvyn Whitfield, P.E.
2. Statement of compliance, issued as part of the above referenced test report issued by Fenestration Testing Laboratory Inc.

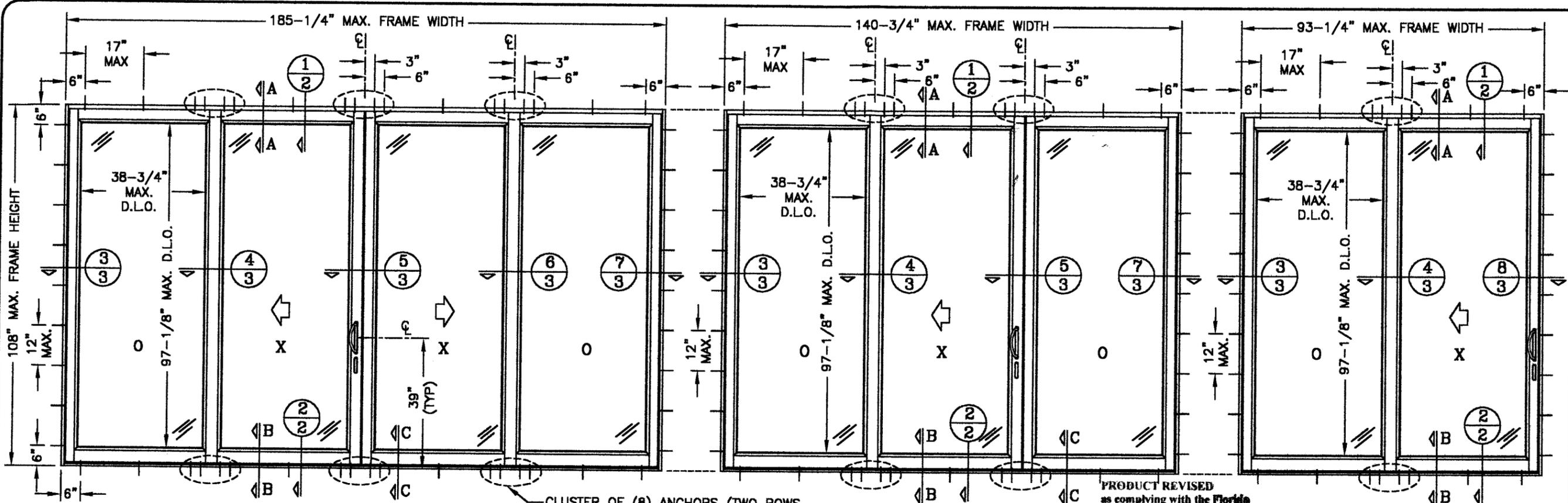
**G. OTHER**

1. This NOA revises NOA # **08-0722.05**, expiring September 18, 2013
2. Test proposal dated 08/04/08 approved by BCCO.



Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 08-0826.05

Expiration Date: August 23, 2012  
Approval Date: October 30, 2008



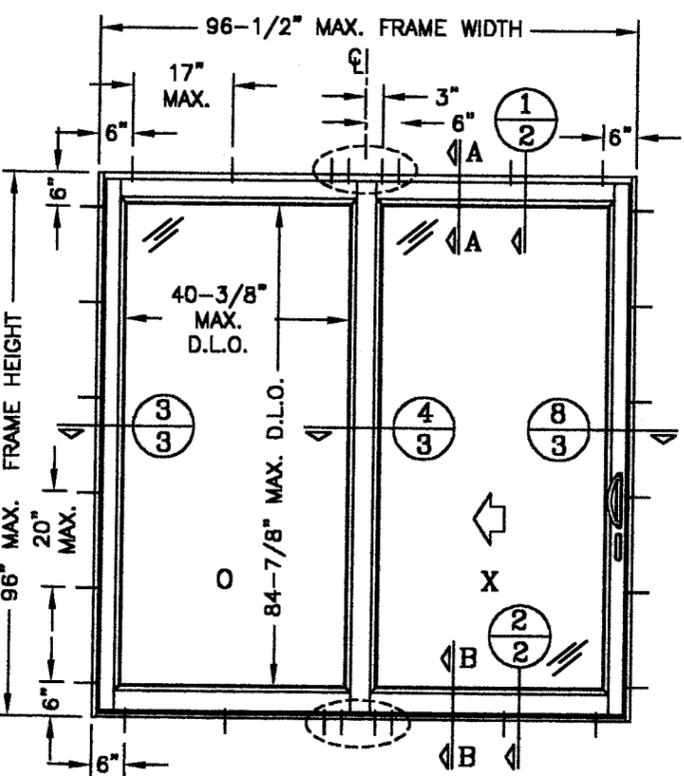
**OXO ELEVATION**  
D.P.=+80/-80 PSF

CLUSTER OF (8) ANCHORS (TWO ROWS 2.275" APART). ANCHORS 3" AND 6" FROM EACH SIDE OF CENTER LINE AT EACH INTERLOCK & ASTRAGAL LOCATION, TOP AND BOTTOM, TYPICAL.

**OXO ELEVATION**  
D.P.=+80/-80 PSF

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 08-1028-01 OX (SHOWN) OR XO ELEVATION  
Expiration Date SEP 18, 2013  
By Chag L. Chanda  
Miami Dade Product Control Division

D.P.=+80/-80 PSF



**OX (SHOWN) OR XO ELEVATION**  
D.P.=+80/-120 PSF

**DRAWING INDEX**

SHEET 1. GENERAL NOTES, ANCHOR NOTES, APPROVED CONFIGURATIONS  
SHEET 2. VERTICAL CROSS SECTION, DETAILS  
SHEET 3. HORIZONTAL CROSS SECTION, DETAILS  
SHEET 4. SECTION VIEWS, GLAZING DETAIL, BILL OF MATERIALS  
SHEET 5. PARTS LIST

**GENERAL NOTES**

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION, FOR HIGH VELOCITY HURRICANE ZONE (HVHZ)
- DRAWINGS PROVIDE UNIT INSTALLATION FOR WOOD FRAME, METAL STRUCTURES, ALUMINUM MULLIONS AND STRUCTURAL CONCRETE/CBS CONSTRUCTION (SEE ANCHOR NOTES)
- INSTALLATION TO THE SUBSTRATE OF 1X OR 2X WOOD BUCKS NOT BY AWP, LLC. WOOD BUCKS MUST BE ENGINEERED SEPARATELY AND REVIEWED BY A BUILDING OFFICIAL.
- GLASS CAPACITIES REVIEWED IN COMPLIANCE WITH ASTM E1300-02
- A LOAD DURATION INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN DESIGN OF ANCHORS INTO OR THRU WOOD ONLY.

**DESIGN PRESSURE RATE AS SHOWN**  
(FOR ALL MAXIMUM SIZE CONFIGURATIONS SHOWN IN THIS PAGE AND SMALLER SIZES, AS PERMITTED BY THE FLORIDA BUILDING CODE)

**THIS PRODUCT IS LARGE MISSILE IMPACT RESISTANT RATED AND REQUIRES NO SHUTTERS.**

**ANCHOR NOTES**

**1/4" ELCO-TEXTRON CONCRETE ANCHOR:**

- THRU 1BY WOOD BUCKS INTO CONCRETE OR MASONRY, 1-1/4" MIN. PENETRATION.
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURES, 1-3/8" MIN. PENETRATION.
- DIRECTLY INTO CONCRETE OR MASONRY, 1-1/4" MIN. PENETRATION.

**#14 SMS OR 1/4-20 ELCO-TEXTRON DRIL-FLEX SELF DRILLING SCREW:**

INTO METAL STRUCTURES:

- STEEL: 0.100" THK. MIN. (Fy = 36 KSI MIN.)
- ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

(DISSIMILAR MATERIALS IN CONTACT TO BE PAINTED WITH ANTICORROSIVE PAINT)

**#14 SMS OR 1/4-20 ELCO-TEXTRON DRIL-FLEX SELF DRILLING SCREW:**

- INTO MIAMI-DADE COUNTY APPROVED MULLIONS (NO SHIM SPACE)

**EDGE DISTANCES:**

- FOR CONCRETE AND MASONRY: 1-1/2" MINIMUM
- FOR METAL STRUCTURES: 5/8" MINIMUM
- FOR WOOD SUBSTRATE: 5/8" MINIMUM

KELVYN WHITFIELD, P.E.  
MECHANICAL/STRUCTURAL  
FL No. 24140  
1002 N.E. 118th STREET  
MIAMI, FL 33161

*[Signature]*  
10/25/08

**AWP, LLC**  
A Subsidiary of Arch Aluminum & Glass Co., Inc.  
8130 N.W. 74th AVENUE  
MEDLEY, FL 33166  
PHONE: (305) 887-2646  
FAX: (305) 883-1309

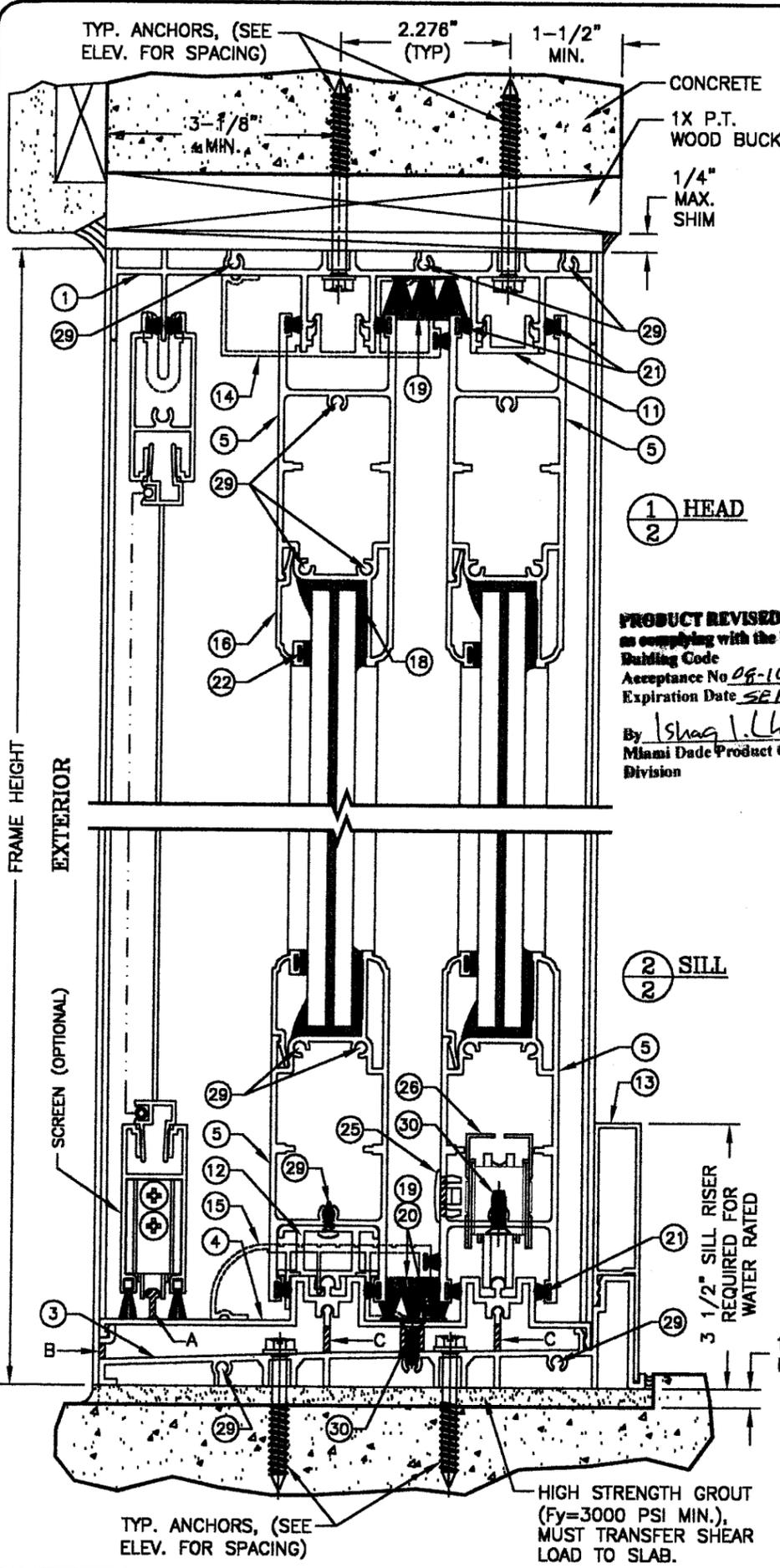
**SERIES 1900 IMPACTVIEW**  
**ALUMINUM SLIDING GLASS DOOR**

REVISIONS	DATE	BY	DESCRIPTION
1	08/28/08	RP	ISSUED COMMENTS
2	10/25/08	RP	INCREASED D.P. RATE

DATE: 06/20/2008  
SCALE: 3/8" = 12"  
DWG. BY: R.P.  
CHK. BY:

DRAWING No.  
SGD-1900

SHEET 1 OF 5



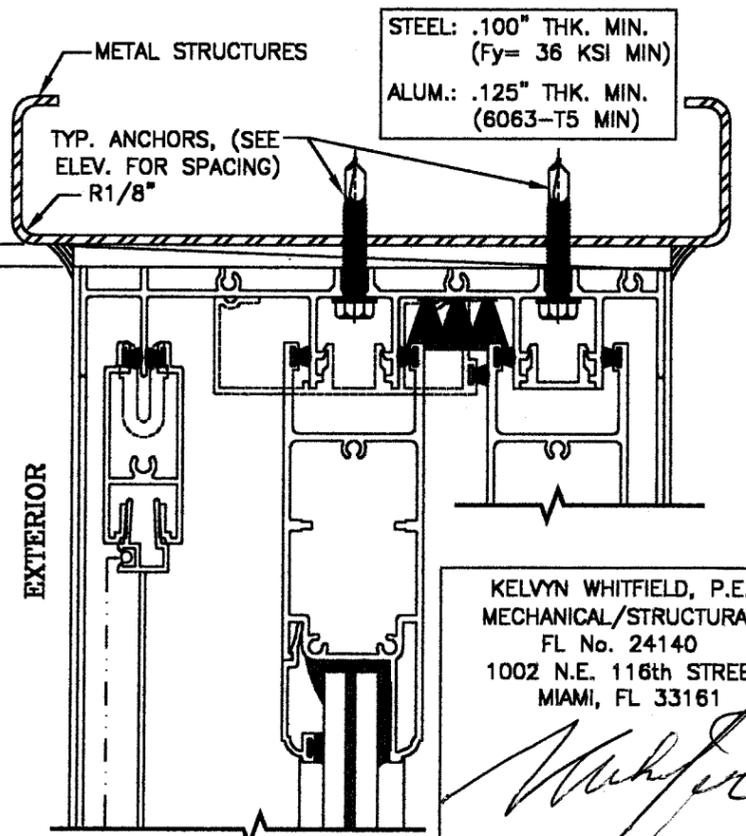
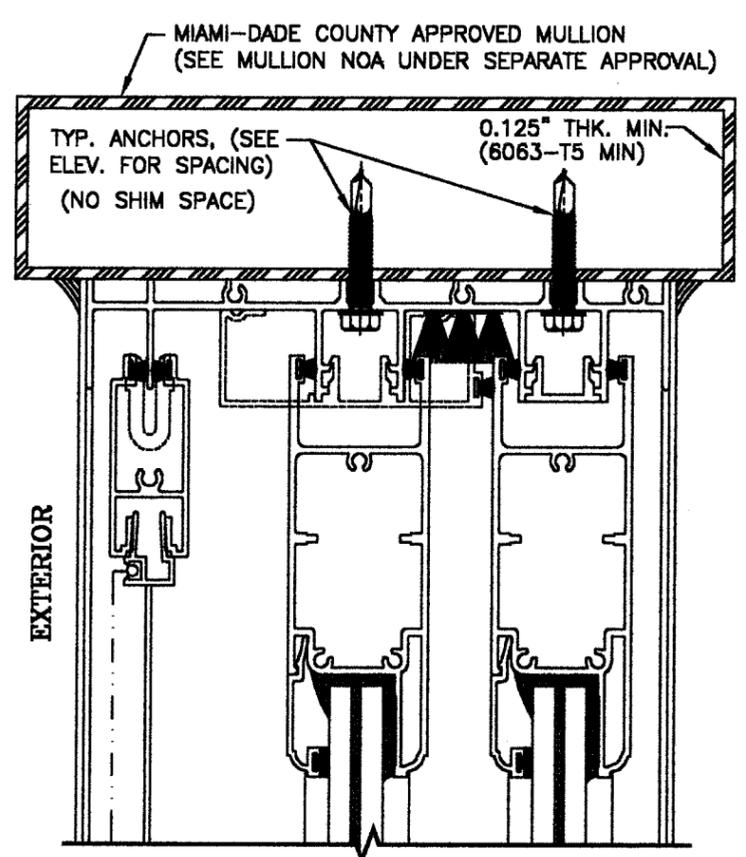
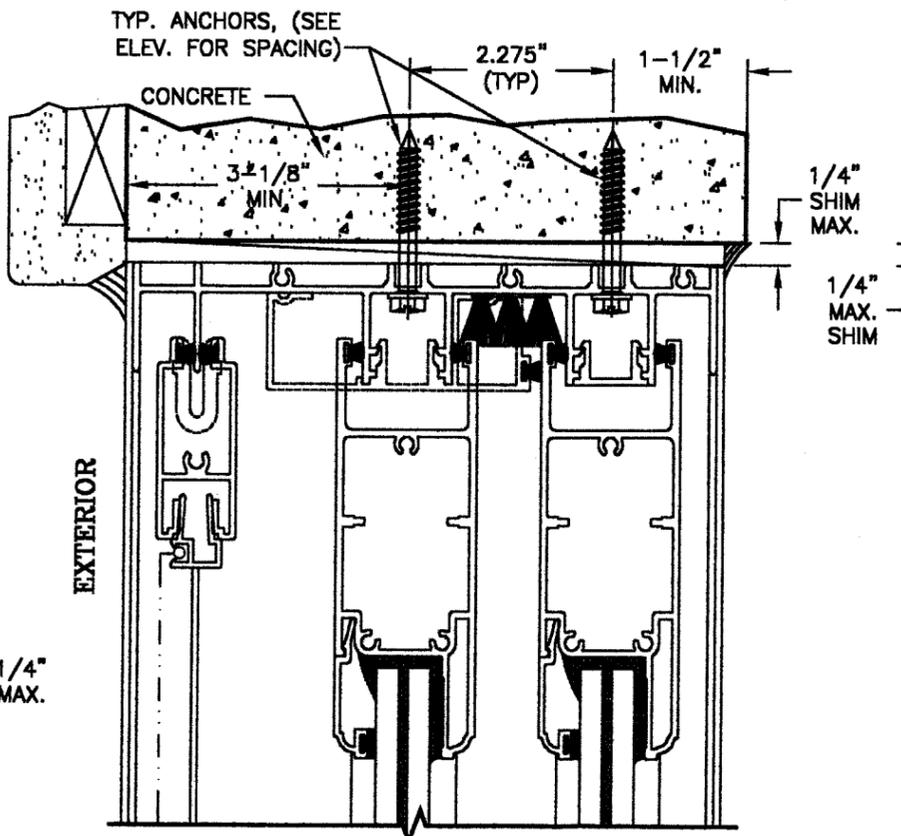
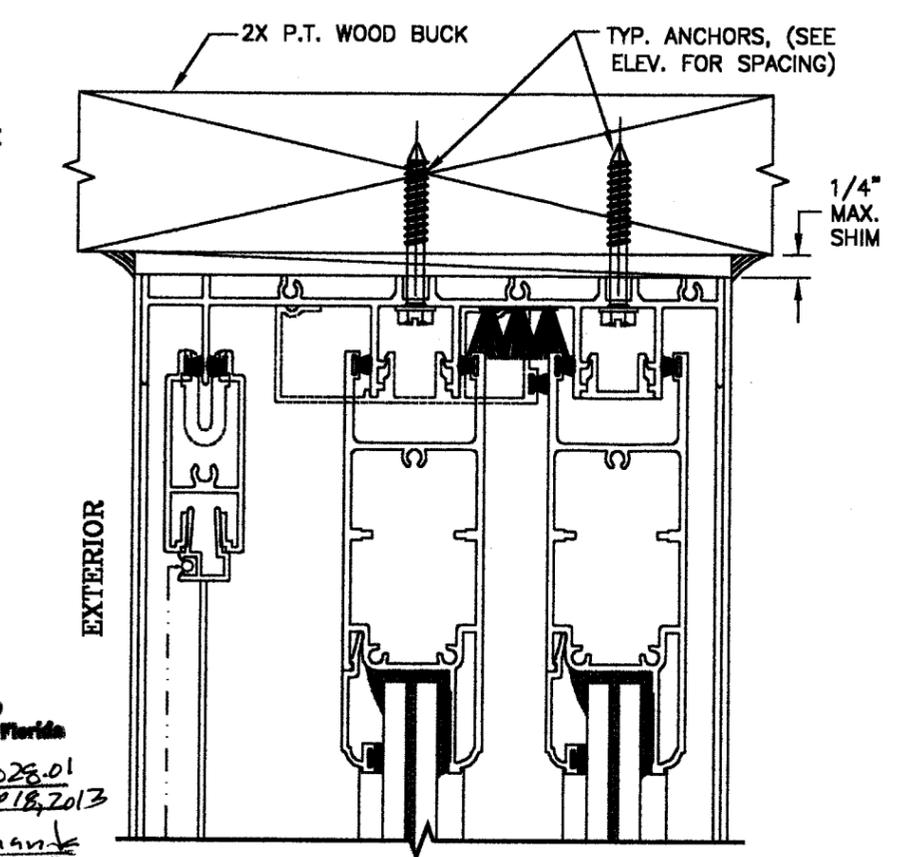
1 HEAD  
2 SILL

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-1026-01  
 Expiration Date SEP 18, 2013  
 By Shag I. Chank  
 Miami Dade Product Control  
 Division

2 SILL  
2

3 1/2" SILL RISER  
 REQUIRED FOR  
 WATER RATED

HIGH STRENGTH GROUT  
 (Fy=3000 PSI MIN.),  
 MUST TRANSFER SHEAR  
 LOAD TO SLAB.



KELVYN WHITFIELD, P.E.  
 MECHANICAL/STRUCTURAL  
 FL No. 24140  
 1002 N.E. 116th STREET  
 MIAMI, FL 33161  
 10/25/08

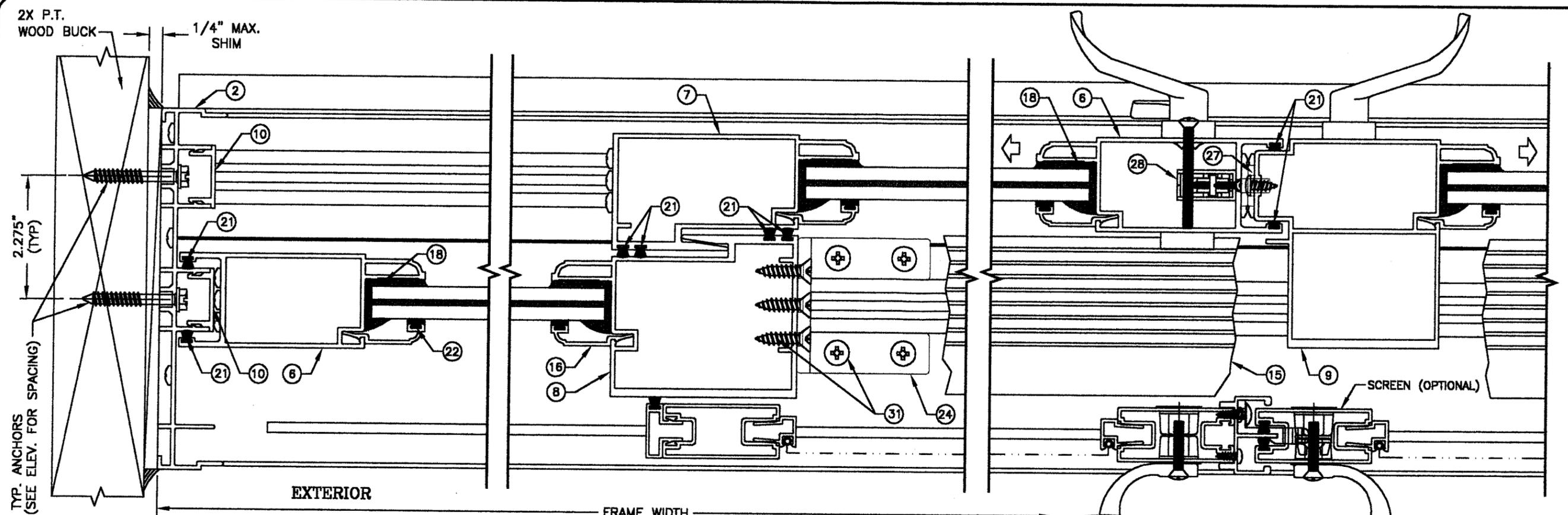
**AWP, LLC**  
 A Subsidiary of Arch Aluminum & Glass Co., Inc.  
 8130 N.W. 74th AVENUE  
 MEDLEY, FL 33166  
 PHONE: (305) 887-2646  
 FAX: (305) 883-1309

**SERIES 1900 IMPACTVIEW  
 ALUMINUM SLIDING GLASS DOOR**

REVISIONS		DATE	BY	DESCRIPTION
NO.	DATE			
1	06/20/2008			
2	10/25/08			

DATE: 06/20/2008	SCALE: 1:2	DWG. BY: R.P.	CHK. BY:
DRAWING No.: SGD-1900			
SHEET 2 OF 5			

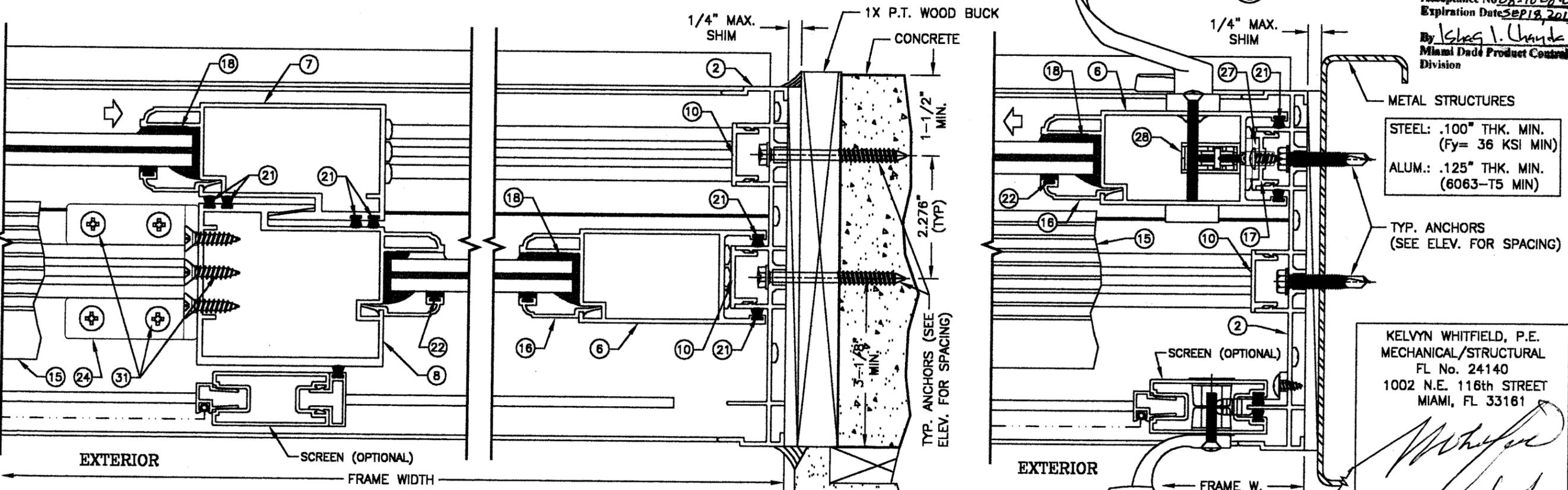


3 JAMB (FIXED END)  
3

4 INTERLOCK  
3

5 ASTRAGAL  
3

PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 08-1029-01  
Expiration Date SEP 18, 2013  
  
By Ishag I. Chande  
Miami Dade Product Control  
Division



6 INTERLOCK  
3

7 JAMB (FIXED END)  
3

8 JAMB (LOCK END)  
3

METAL STRUCTURES  
STEEL: .100" THK. MIN.  
(Fy= 36 KSI MIN)  
ALUM.: .125" THK. MIN.  
(6063-T5 MIN)

TYP. ANCHORS  
(SEE ELEV. FOR SPACING)

KELVYN WHITFIELD, P.E.  
MECHANICAL/STRUCTURAL  
FL No. 24140  
1002 N.E. 116th STREET  
MIAMI, FL 33181

*Whitfield*  
10/25/08

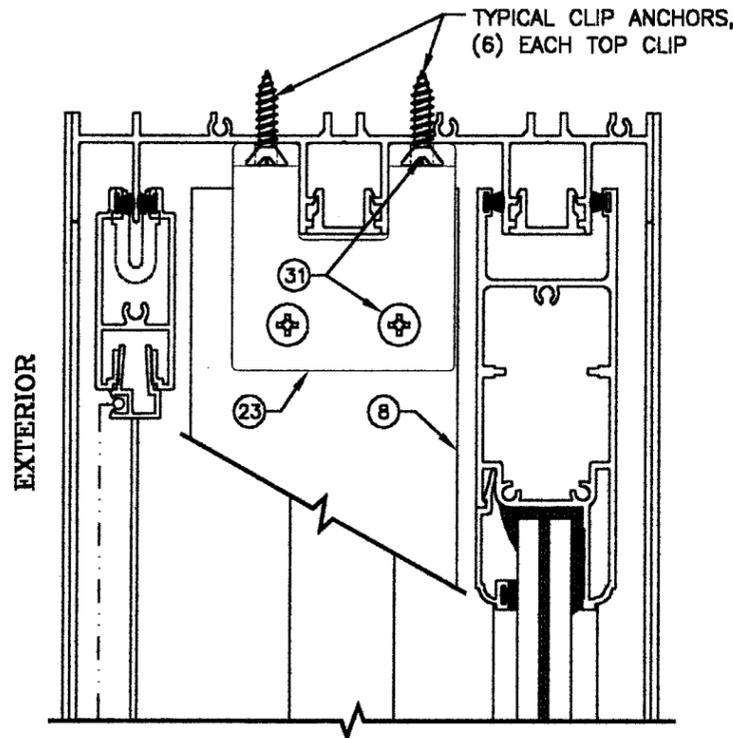
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FAX: (305) 883-1309

SERIES 1900 IMPACTVIEW  
ALUMINUM SLIDING GLASS DOOR

REVISIONS	DATE	BY	DESCRIPTION
1	08/28/08	RP	BCCO COMMENTS
2	10/25/08	RP	INCREASED D.P. RATE

DATE: 08/20/2008  
SCALE: 1:2  
DWG. BY: R.P.  
CHK. BY:

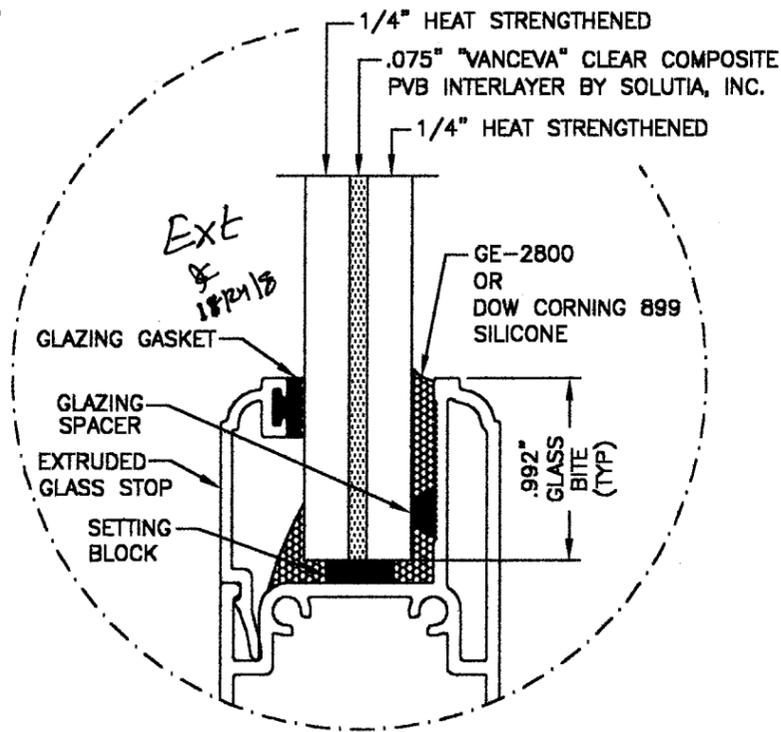
DRAWING No.:  
SGD-1900  
SHEET 3 OF 5



VIEW A-A

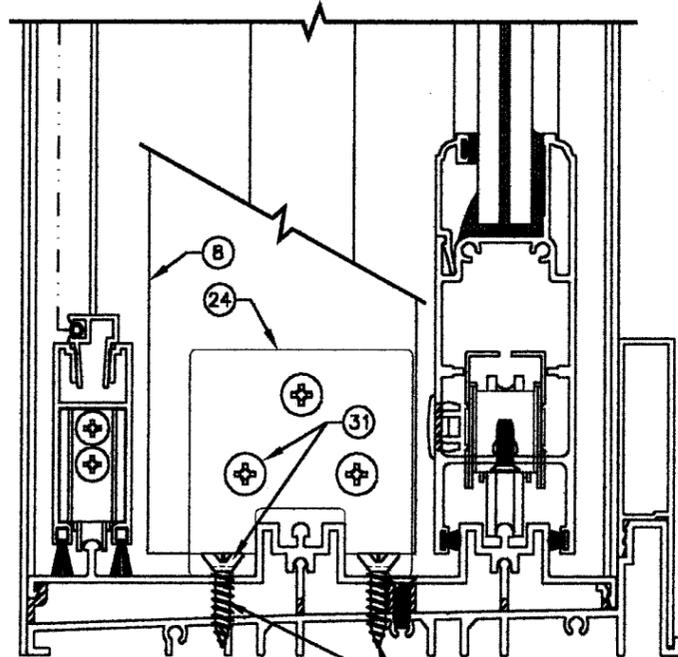
(HEAD COVER REMOVED TO SHOW ANGLE CLIP)

SCALE: 1:2



TYPICAL GLAZING DETAIL

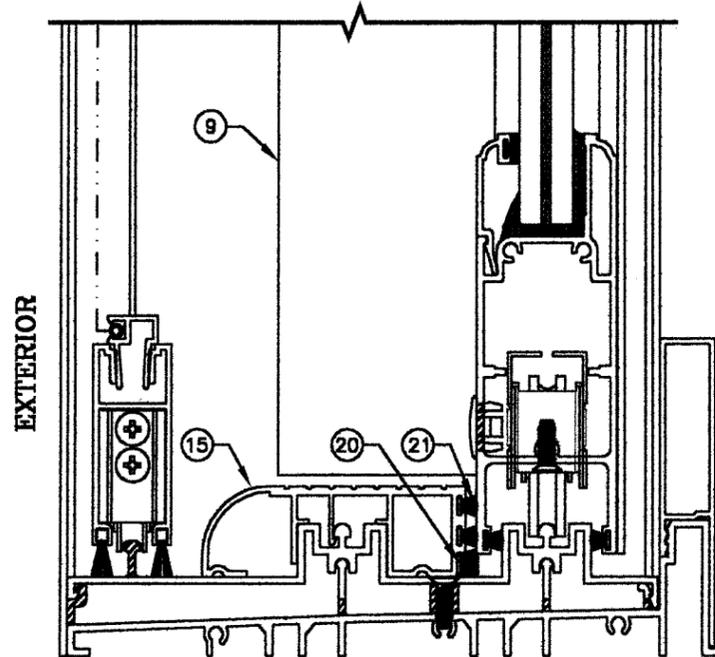
SCALE: 1:1



VIEW B-B

(SILL COVER REMOVED TO SHOW ANGLE CLIP)

SCALE: 1:2



VIEW C-C

SCALE: 1:2

BILL OF MATERIALS				
ITEM	PART No.	QUANTITY	DESCRIPTION	MATERIAL/REMARKS
1	YE-1901	1	FRAME HEAD	ALUM. (6063-T6)
2	YE-1902	2	FRAME JAMB	ALUM. (6063-T6)
3	YE-1903	1	FRAME SILL	ALUM. (6063-T6)
4	YE-1906	1	FRAME SUB SILL	ALUM. (6063-T6)
5	YE-1908	2/PANEL	PANEL TOP & BOTTOM RAIL	ALUM. (6063-T6)
6	YE-1910	AS REQ'D.	PANEL LOCK & END STILE	ALUM. (6063-T6)
7	YE-1912	AS REQ'D.	PANEL INNER (MOVING) INTERLOCK	ALUM. (6063-T6)
8	YE-1914	AS REQ'D.	PANEL OUTER (FIXED) INTERLOCK	ALUM. (6063-T6)
9	YE-1916	AS REQ'D.	PANEL ASTRAGAL	ALUM. (6063-T6)
10	YE-1918	AS REQ'D.	FRAME JAMB INSERT (FIXED SIDE)	ALUM. (6063-T6)
11	YE-1922	AS REQ'D.	FRAME HEAD INSERT	ALUM. (6063-T6)
12	YE-1924	2/PANEL	FIXED PANEL ADAPTER (2-1/2" LONG)	ALUM. (6063-T6)
13	YE-1930	1	SILL RAISER ADAPTER	ALUM. (6063-T6)
14	YE-1923	1	HEAD COVER	ALUM. (6063-T6)
15	YE-1935	1	SILL COVER	ALUM. (6063-T6)
16	YE-1936	AS REQ'D.	GLAZING STOP	ALUM. (6063-T6)
17	YE-1920	AS REQ'D.	FRAME JAMB INSERT (LOCK END)	ALUM. (6063-T6)
18	GB125375	AS REQ'D.	GLAZING SPACER	-
19	YH-4013	AS REQ'D.	13/16 x 2-1/2" SELF ADHESIVE PAD	ULTRAFAB (P6803AFG)
20	YH-4013	AS REQ'D.	9/16 x 7/8" SELF ADHESIVE PAD	ULTRAFAB (P6803AFG)
21	YH-706	AS REQ'D.	.187" x .250" FIN SEAL WEATHERSTRIP	ULTRAFAB (W41255)
22	YH-624	AS REQ'D.	GLAZING GASKET	VINYL
23	YH-1950	1/F.PANEL	2 1/2 x 2 1/2 x 2 1/2 x 1/4" TOP ANGLE	ALUM. (6061-T6511)
24	YH-1955	1/F.PANEL	2 1/2 x 2 1/2 x 2 1/2 x 1/4" BOT. ANGLE	ALUM. (6061-T6511)
25	YH-1940	2/PANEL	WHEEL ADJUSTING SCREW HOLE PLUG	PVC
26	YH-1920	2/PANEL	1988-PRN-166-SS-125 WHEEL ASSY.	SS/DELRON
27	YH-1930	1/LOCK	"GEMINI" SERIES 2470 FLAT KEEPER	SS., BY AMESBURY
28	YH-1910	1	"GEMINI" 2468 DUAL POINT LOCK ASSY.	STEEL, BY AMESBURY
29	YF-2	AS REQ'D.	#10 x 1" PH. SMS.	CAD PLATED CRS.
30	YF-52SS	AS REQ'D.	#10-24 x 1/2" FH. UC. MS. POINT F	STAINLESS STEEL
31	-	AS REQ'D.	#14 x 1" SMS. (TYP. CLIP ANCHOR)	CAD PLATED CRS.

SEALANTS:

ALL FRAME AND PANEL MECHANICAL JOINTS AND INSTALLATION SCREW HEADS SHALL BE SEALED

WEEP-HOLES:

- A= 7/8" WEEP NOTCH AT EACH END OF SCREEN TRACK
- B= 7/8" WEEP SLOT AT EACH END OF SILL
- C= 1/2" WEEP NOTCH AT SILL FLANGES

PRODUCT REVISED  
 as complying with the Florida  
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 Acceptance No. 08-1028-01  
 Expiration Date SEP 18, 2013  
 By: *Ishaq I. Lhanda*  
 Miami Dade Product Control  
 Division

KELVYN WHITFIELD, P.E.  
 MECHANICAL/STRUCTURAL  
 FL No. 24140  
 1002 N.E. 118th STREET  
 MIAMI, FL 33161

*[Signature]*  
 10/25/08

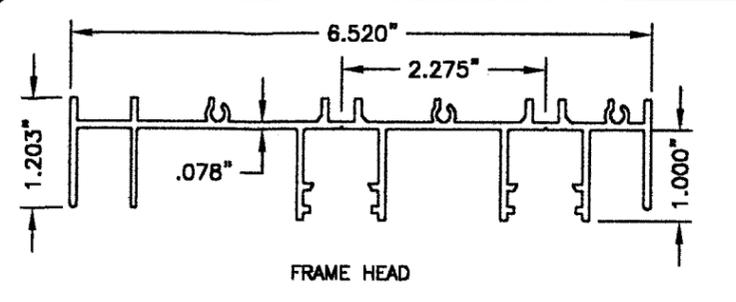
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SERIES 1900 IMPACTVIEW  
 ALUMINUM SLIDING GLASS DOOR

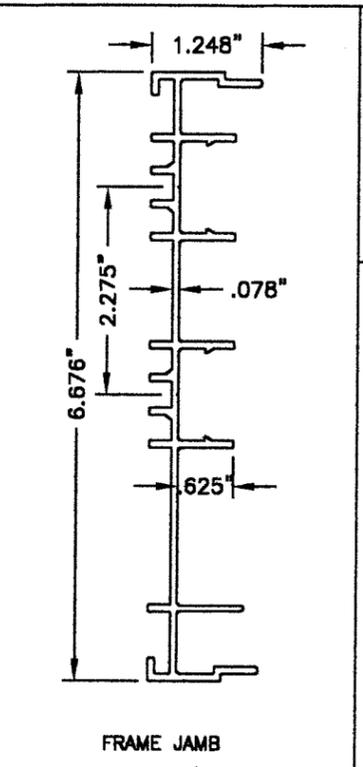
REVISIONS	DATE	BY	DESCRIPTION
1	08/28/08	RP	BCCO COMMENTS
2	10/25/08	RP	INCREASED D.P. RATE

DATE: 06/20/2008  
 SCALE: AS NOTED  
 DWG. BY: R.P.  
 CHK. BY:

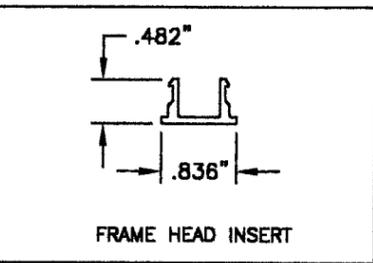
DRAWING No.:  
 SGD-1900



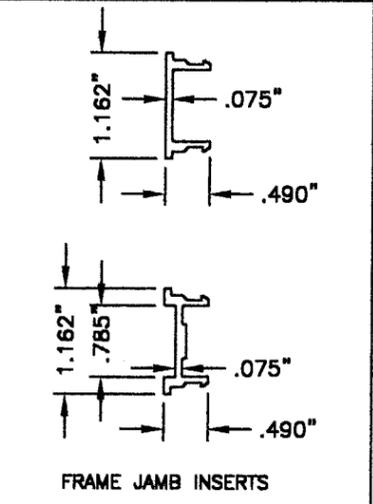
FRAME HEAD



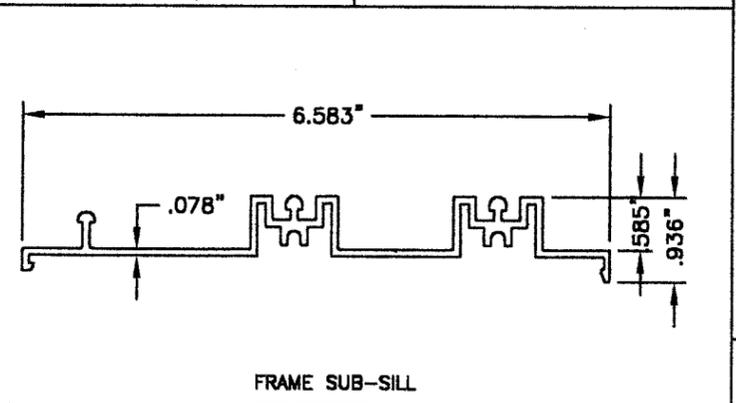
FRAME JAMB



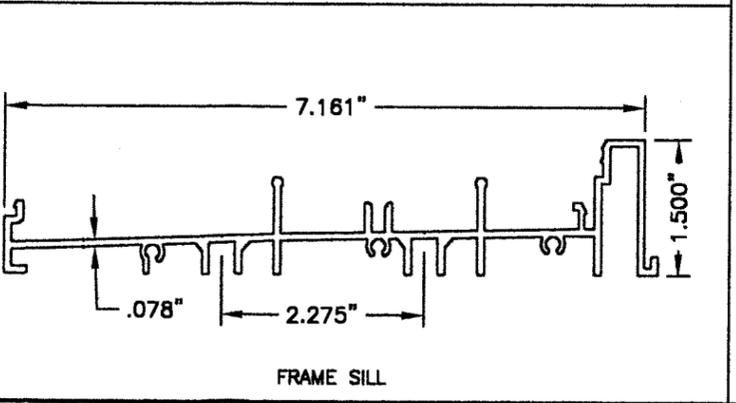
FRAME HEAD INSERT



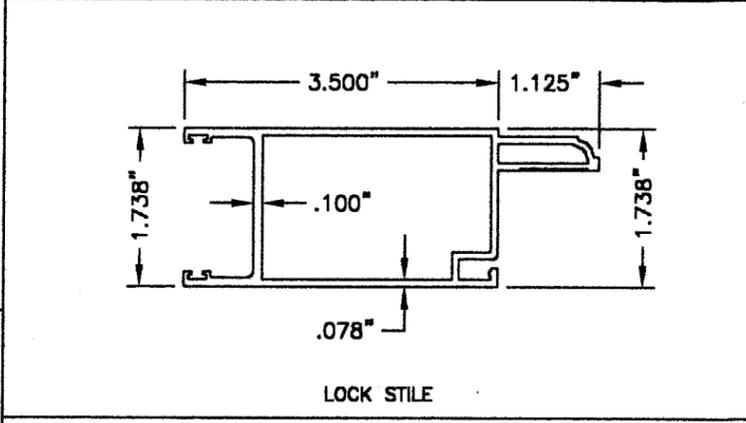
FRAME JAMB INSERTS



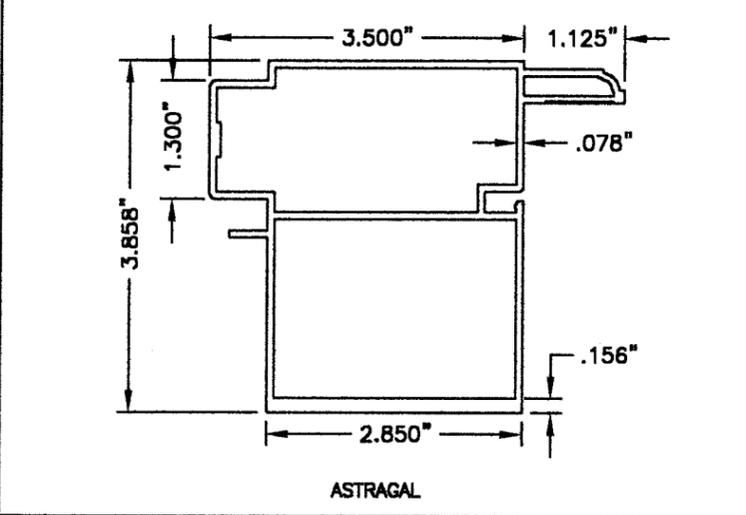
FRAME SUB-SILL



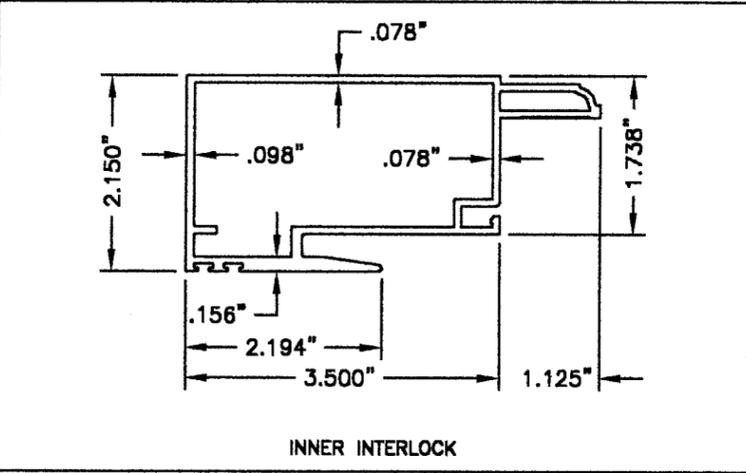
FRAME SILL



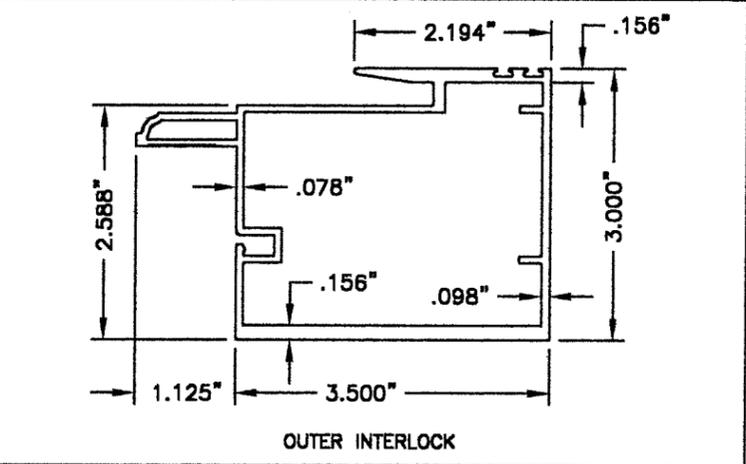
LOCK STILE



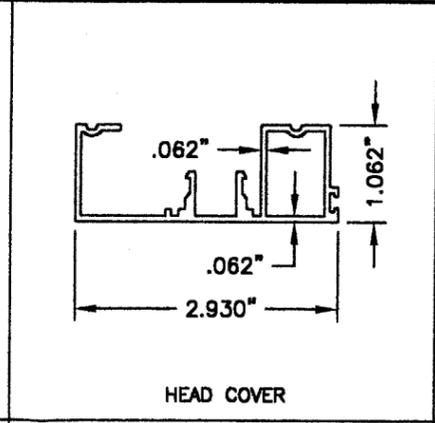
ASTRAGAL



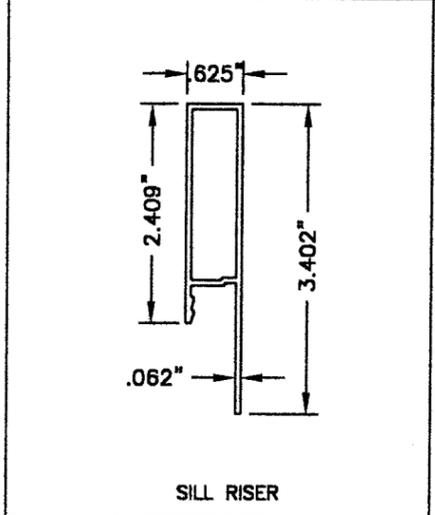
INNER INTERLOCK



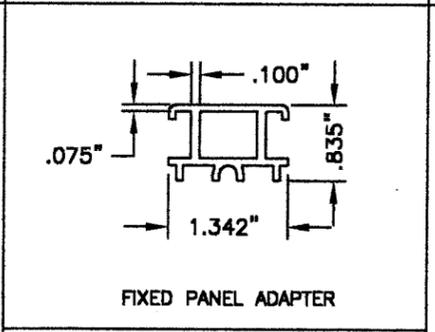
OUTER INTERLOCK



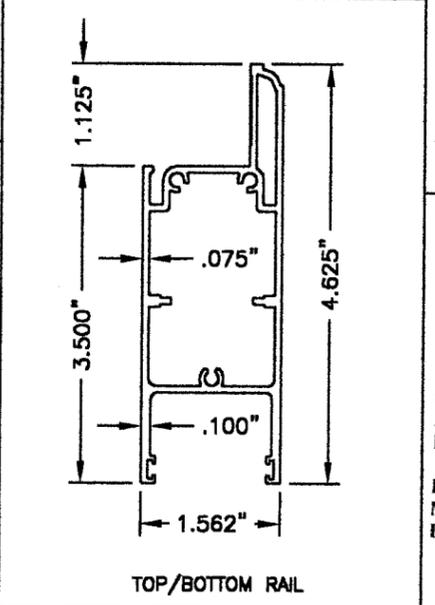
HEAD COVER



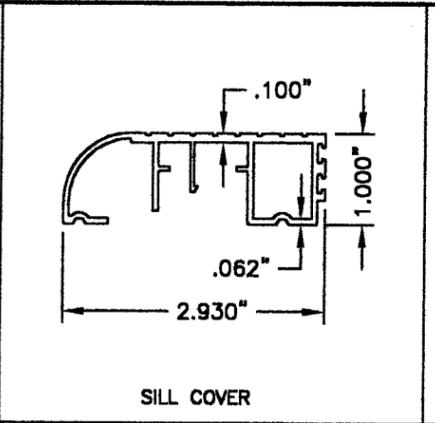
SILL RISER



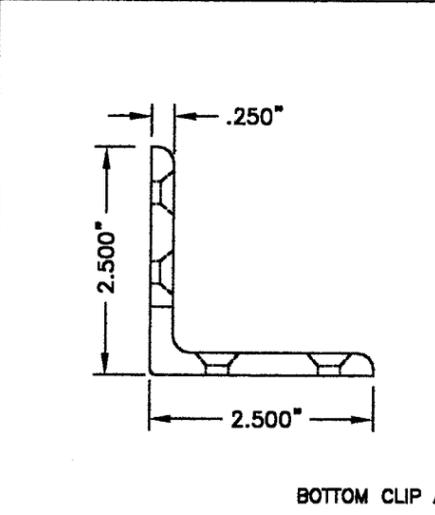
FIXED PANEL ADAPTER



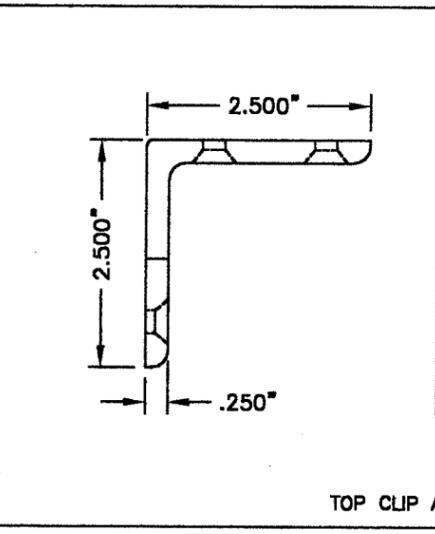
TOP/BOTTOM RAIL



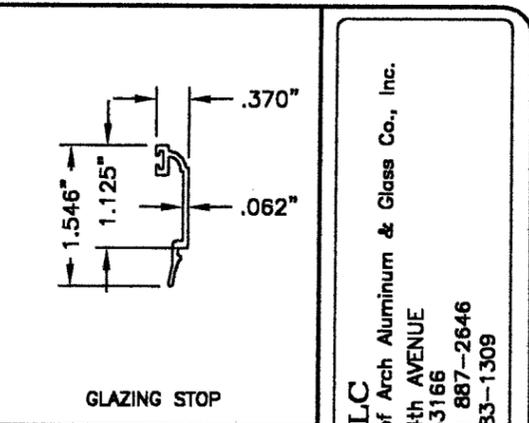
SILL COVER



BOTTOM CLIP ANGLE



TOP CLIP ANGLE



GLAZING STOP

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 09-1028-01  
 Expiration Date SEP 18, 2013  
 By: *Yghay I. Chan*  
 Miami Dade Product Control  
 Division

KELVYN WHITFIELD, P.E.  
 MECHANICAL/STRUCTURAL  
 FL No. 24140  
 1002 N.E. 116th STREET  
 MIAMI, FL 33161

*[Signature]*  
 10/25/08

REVISIONS	DATE	BY	DESCRIPTION
1	08/28/08	RP	BCCD COMMENTS
2	10/25/08	RP	INCREASED D.P. RATE

DATE: 06/20/2008  
 SCALE: 1:2  
 DWG. BY: R.P.  
 CHK. BY:

DRAWING No.:  
 SGD-1900

SHEET 5 OF 5

**AWP, LLC**  
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 8130 N.W. 74th AVENUE  
 MEDLEY, FL 33166  
 PHONE: (305) 887-2646  
 FAX: (305) 883-1309

**SERIES 1900 IMPACTVIEW  
 ALUMINUM SLIDING GLASS DOOR**