MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

# NOTICE OF ACCEPTANCE (NOA)

**Glasswall, LLC**
**3550 NW 49th Street**
**Miami, FL 33142**

**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 RER - 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. RER 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 "5250 Thermal" Aluminum Window Wall System – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **WW5250L**, titled "Series 5250 Aluminum Window Wall System Large Missile", sheets 01, 01A, 01B, 01C, 02, 03, 04, 06, 07, 07A, 07B, 08, 08A, 08B, 09, 10, 10A, 10B, 10C, 10D, 10E, 11, 11A, 11B, 11C, 12, 12A, 12B, 12C, 13, 13A, 13B, 13C, 13D, 13E, 13F, 14, 14A, 15, 15A, 15B, 15C, 16, 16A, 16B and 17 of 17, for a total of 46 sheets, dated 11/08/12, with revision #3 dated 12/13/12, prepared by manufacturer, signed and sealed by Leon Murray, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

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

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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 **Manuel Perez, P.E.**

MIAMI-DADE COUNTY APPROVED

12/20/12

**Glasswall, LLC**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **WW5250L**, titled "Series 5250 Aluminum Thermal Window Wall System Large Missile" sheets 01, 01A, 01B, 01C, 02, 03, 04, 06, 07, 07A, 07B, 08, 08A, 08B, 09, 10, 10A, 10B, 10C, 10D, 10E, 11, 11A, 11B, 11C, 12, 12A, 12B, 12C, 13, 13A, 13B, 13C, 13D, 13E, 13F, 14, 14A, 15, 15A, 15B, 15C, 16, 16A, 16B and 17 of 17, for a total of 46 sheets, dated 11/06/12, with revision #3 dated 12/13/12, prepared by manufacturer, signed and sealed by Leon Murray, 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
   4) Small Missile Impact Test per FBC, TAS 201-94
   5) Large Missile Impact Test per FBC, TAS 201-94
   6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of a series 5250 thermal, twin span, aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7051**, dated 08/22/12, with revision 1 dated 11/01/12, signed and sealed by Marlin D. Brinson, 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 a series 5250 thermal single span aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6889**, dated 08/09/12, with revision 1 dated 11/01/12, signed and sealed by Marlin D. Brinson, P.E.

### C. CALCULATIONS

1. Anchor verification calculations and structural analysis complying with FBC-2010, dated 09/27/12, 11/20/12, 12/05/12, 12/07/12, 12/12/12 and 12/16/12, prepared, signed and sealed by Leon Murray, P.E.
2. Glazing complies with ASTM E1300-04

### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

Manuel Perez

**Manuel Perez, P.E.**
**Product Control Examiner**
**NOA No. 12-0913.04**
**Expiration Date: December 27, 2017**
**Approval Date: December 27, 2012**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11–0624.02** issued to **E.I. DuPont DeNemours & Co.**, Inc. for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.

### F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, dated September 11, 2012, signed and sealed by Leon Murray, P.E.
2. Statement letter of no financial interest, dated September 11, 2012, signed and sealed by Leon Murray, P.E.
3. Dow Corning Corp. Construction Industry System Laboratory Report – Sealant Adhesion, dated July 30, 2008, certifying testing/evaluation of Dow Corning 795 Silicone Building Sealant, Dow Corning 983 Silicone Glazing & Curtainwall Adhesive/Sealant and application recommendations for this specific system, prepared by Kevin Dunphy, Dow Corning Field Specialist.
4. Dow Corning Corp. Construction Industry System Laboratory Report – Sealant Compatibility, dated August 06, 2008, certifying testing/evaluation of Dow Corning 795 Silicone Building Sealant, Dow Corning 983 Silicone Glazing & Curtainwall Adhesive/Sealant and application recommendations for this specific system, prepared by Kevin Dunphy, Dow Corning Field Specialist.
5. GE Momentive Sealant Adhesion and Compatibility Project Test Results – dated 11/30/12, certifying testing/evaluation of GE Momentive SSG4600 UltraGlaze Silicone Glazing & Curtainwall Adhesive/Sealant, prepared by Errol Bull, P.E., Technical Manager, GE Momentive.
6. Proposal No. **12–0479** issued by Product Control, dated May 31, 2012, signed by Manuel Perez, P.E.

### G. OTHER

1. None.

**Manuel Perez, P.E.**
**Product Control Examiner**
**NOA No. 12-0913.04**
**Expiration Date: December 27, 2017**
**Approval Date: December 27, 2012**

SERIES 5250 ALUMINUM THERMAL WINDOW WALL ( FREE STANDING JAMB )

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ). PROTOCOLS TAS 201, 202 AND 203.

WOOD BUCKS IS NOT REQUIRED
IF USED MUST BE PROPERLY DESIGNED BY PROFESSIONAL / ENGINEER IN ORDER TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2010 FLORIDA BLDG. CODE SECTION 2003.8.4.

SYSTEM OPTIONS
1. FOUR (4) SIDED PRESSURE CAPTURED
2. TWO (2) SIDED STRUCTURAL GLAZING VERTICALLY & PRESSURE CAPTURED TOP & BOTTOM

REINFORCEMENT TABLE SEE TABLE 1 ON SHEET 1A OF 17

**INSTRUCTIONS:**

STEP # 1 :
DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BUILDING HEIGHT, AND WIND ZONE USING APPLICABLE ASCE 7 STANDARDS OR WIND TUNNEL REPORTS

STEP # 2 :
MAX. DESIGN PRESSURE
SEE TABLE 1 SHEET 01A OF 17 STEEL REINFORCEMENT REQUIRED AS PER MAX SPAN CHECK MULLION DESIGN LOAD CAPACITY FOR A GIVEN MULLION SPAN, MULLION SPACING AND MULLION REINFORCEMENT OPTION FOR A SINGLE OR DOUBLE SPAN CONDITION

STEP # 3 :
SEE TABLE 3 ON SHEET 01A OF 17 TO CHOOSE GLASS TYPE A OR B AND CORRESPONDING DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE

STEP # 4 :
CHECK MULLION STRUCTURAL SILICONE BITE (SINGLE SPAN) REFER TO SHEET 01B OF 17, (DOUBLE SPAN) REFER TO SHEET 01C OF 17
FOR: DESIGN LOAD CAPACITY OF: TWO SIDED STRUCTURAL GLAZED VERTICALS WITH CAPTURED HEAD & SILL OR FOUR SIDED CAPTURED SYSTEM

STEP # 5 :
SEE TABLE 2 FOR SUBSTRATE/ANCHOR SCHEDULE ON SHEET 01A OF 17
SEE TABLE 4 FOR MAXIMUM CAP SCREWS SPACING ON SHEET 01B OF 17

STEP # 6 :
THE LOWEST VALUES RESULTING FROM STEPS 1 THRU 5 SHALL APPLY TO ENTIRE SYSTEM

WINDOW GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

GENERAL NOTES :

(1) THIS WINDOW WALL SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2010 FBC CHAPTER 16 AND 24 UNDER THE SPECIFIC CONDITION SHOW ON THESE DRAWINGS.

(2) APPROVED STRUCTURAL SILICONE

(A) - DOW 983 DOW CORNING

(B) - GE SSG 4600 ULTRAGLAZE

(3) APPROVED OPTIONAL GLASS (LMI)

TYPE A : 1 5/16" INSULATED LAMINATED GLASS
( 1/4" TEMP., 1/2" AIR SPACE, 1/4" H.S. 0.090" SGP 1/4" H.S. )

TYPE B : 9/16" NOM. LAMINATED GLASS
( 1/4" HS. 0.090" SGP, 1/4" HS.)

(4) ALL EXTRUSIONS ARE ALUMINUM 6063-T6 ALLOY WITH MINIMUM Fy OF 25000 PSI AS PER ALUMINUM DESIGN MANUAL 2010

(5) APPROVED SUBSTRATE

A) STEEL TUBE ASTM-A36 WITH 1/4" MINIMUM THICKNESS OR BETTER
B) NORMAL WEIGHT CONCRETE WITH f c min. = 3000 PSI OR BETTER
C) ALUMINUM TUBE 6063-T6 ALLOY WITH 1/4" MINIMUM THICKNESS OR BETTER
D) PRESSURED TREATED WOOD G=0.55 OR BETTER

(6) APPROVED PERIMETER SEALANTS

A) GE SCS 2000 SILPRUF
B) DOW CORNING 790
C) GE SCS 2700 SILPRUF L.M.
D) DOW CORNING 795

WITH A MIN. GAP OF 11/16" AND MAX. GAP OF 3/4" ( VERTICAL )
WITH A MAX. GAP OF 1/2" ( HORIZONTAL )

Leon Murray P.E.
Florida License No 57110
1172 Lebanon Road
North Berwick, Maine 03906
Phone: 207-651-3064

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| 02 | DOUBLE SPAN ELEVATION, SECTION & PLAN VIEW |
| 03 | SINGLE SPAN AND REINFORCEMENT OPTIONS |
| 04 | SINGLE SPAN AND REINFORCEMENT OPTIONS |
| 06 | SINGLE SPAN AND REINFORCEMENT OPTIONS |
| 07 | GLAZING DETAILS |
| 07A | GLAZING DETAILS |
| 07B | GLAZING DETAILS |
| 08 | ALUMINUM PROFILES |
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| 17 | INSTALLATION DRAWINGS |


LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: |
|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 |
| 3 GENERAL REVIEW PER COMMENTS | 12/13/2012 |

PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE

DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: -

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158

## TABLE 1

SINGLE SPAN

| DESIGN LOAD CAPACITY PSF | | MULLION REINFORCEMENT OPTION (STEEL ASTM A36) | GLASS D.L.O. ( DAY LIGHT OPENING ) | | MULLION SPACING ( CENTER TO CENTER ) | | MAXIMUM SPAN SIZE |
|---|---|---|---|---|---|---|---|
| POSITIVE | NEGATIVE | | MAX. WIDTH | MAX. HEIGHT | MAX. WIDTH | MAX. HEIGHT | |
| 130 | 130 | NO STEEL | 57 1/2" | 91" | 60" | 93 1/2" | 96" |
| | | 1/8" X 4 1/2" X 108" | 55 1/2" | 103" | 58" | 105 1/2" | 108" |
| | | 3/8" X 4 1/2" X 132" | 51 1/2" | 127" | 54" | 129 1/2" | 132" |
| | | 1/2" X 4 1/2" X 144" | 45 1/2" | 139" | 48" | 142 1/2" | 145 1/4" |
| DOUBLE SPAN | | | | | | | |
| 130 | 130 | NO STEEL | 45 1/2" | 91" | 48" | 189 1/2" | 192" |
| | | 1/8" X 4 1/2" X 144" | 45 1/2" | 103" | 48" | 213 1/2" | 216" |
| | | 3/8" x 4 1/2"x192" | 45 1/2" | 127" | 48" | 261 1/2" | 264" |
| | | 1/2" X 4 1/2" X 216" | 45 1/2" | 139" | 48" | 285 1/2" | 288" |

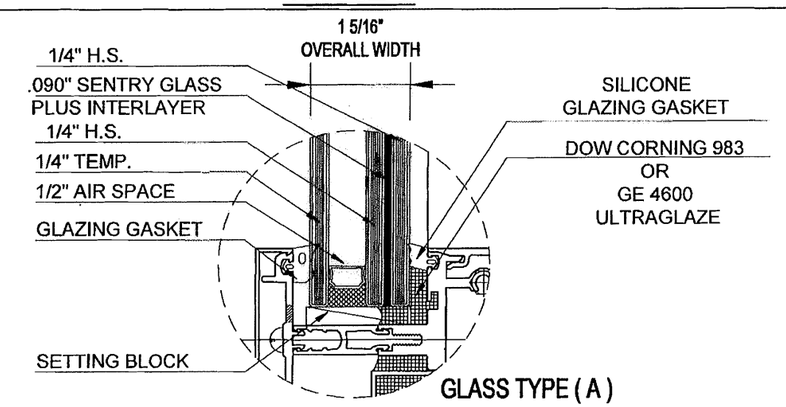
## TABLE 2

ANCHOR SCHEDULE

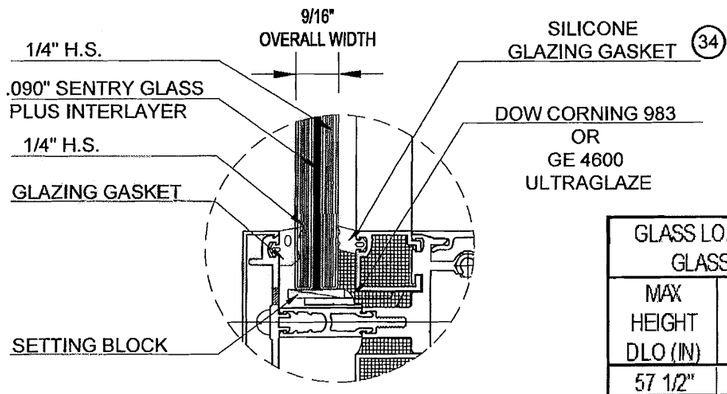
| SUBSTRATE | ANCHOR |
|---|---|
| NORMAL WEIGHT CONCRETE F'C MIN = 3000 PSI | 3/8" Ø WEDGE - BOLT + ZINC PLATED CARBON STEEL INTO CONCRETE. (3) AT EA. SIDE OF MULLION 3" FROM ENDS AND (1) @ MIDSPAN. 3" MIN. EDGE DISTANCE. 3" CENTER TO CENTER SPACING. 2 1/2" MIN. EMBEDMENT |
| STEEL: ASTM A36 MIN 1/4" - 12 GA | 3/8"Ø TAP - FLEX THREAD - FORMING STRUCTURAL SCREWS. GRADE 5. INTO STEEL. (3) AT EA.SIDE OF MULLION 3" FROM ENDS AND (1) @ MIDSPAN. 5/8" MIN. EDGE DISTANCE. 3" CENTER TO CENTER SPACING. |
| PRESSURE TREATED WOOD G = 0.55 | 3/8" Ø WEDGE - BOLT + ZINC PLATED CARBON STEEL INTO WOOD. (3) AT EA. SIDE OF MULLION 3" FROM ENDS AND (1) @ MIDSPAN. 3" MIN. EDGE DISTANCE. 3" CENTER TO CENTER SPACING. 2 1/2" MIN. EMBEDMENT |
| ALUMINUM : MIN 1/4" - 12 GA | 3/8"Ø TAP - FLEX THREAD - FORMING STRUCTURAL SCREWS. GRADE 5. INTO ALUMINUM. (3) AT EA.SIDE OF MULLION 3" FROM ENDS AND (1) @ MIDSPAN. 5/8" MIN. EDGE DISTANCE. 3" CENTER TO CENTER SPACING. |

* WHEN HEAD RECEPTOR IS USED TWO ROWS ARE REQUIRED

## TABLE 3




GLASS TYPE ( A )




GLASS TYPE ( B )

GLASS LOAD CAPACITY TABLE
GLASS OPTION A OR B

| MAX HEIGHT DLO (IN) | MAX WIDTH DLO ( IN) | DESIGN LOAD +/- (PSF) |
|---|---|---|
| 57 1/2" | 91" | 130 |
| 55 1/2" | 103" | 130 |
| 51 1/2" | 127" | 130 |
| 45 1/2" | 139" | 130 |


Leon Murray P.E.
Florida License No 57110
1172 Lebanon Road
North Berwick, Maine 03906
Phone: 207-651-3064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12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| REV. | COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 | GENERAL REVIEW PER RER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: - | |


GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158

# MULLION STRUCTURAL SILICONE BITE CHART ( SINGLE SPAN)

( SEE SHEET 03, 04 AND 06 OF 17 )

| TWO (2) SIDED STRUCTURAL GLAZING VERTICALLY & PRESSURE CAPTURED | | | | | | | | FOUR (4) SIDED PRESSURE CAPTURED | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DIMENSIONS | | 1.063" SILICONE BITE W/O GASKET VERTICALLY AND PRESSURE CAPTURED TOP & BOTTOM | | | 0.815" SILICONE BITE W GASKET VERTICALLY AND PRESSURE CAPTURED TOP & BOTTOM | | | FOUR (4) SIDED PRESSURE CAPTURED WITH 0.556" SILICONE BITE AND GASKETS | | | MULLION REINFORCEMENT |
| MULL SPACING (INCHES) | SPAN (INCHES) | LOAD CAPACITY PSF (+) | LOAD CAPACITY PSF (-) | Details Ref. | LOAD CAPACITY PSF (+) | LOAD CAPACITY PSF (-) | Details Ref. | LOAD CAPACITY PSF (+) | LOAD CAPACITY PSF (-) | Details Ref. | STEEL BAR ASTM A36 |
| 60" | 96" | 117 | 117 | 21/13C 14/12B 08/11B 05/10D 01/10 | 90 | 90 | 25B/13F 14/12C 08/11B 05/10D 01/10 | 130 | 130 | 15/13 14/12B 08/11B 05/10D 01/10 | Is not required |
| 59" | | 119 | 119 | | 91 | 91 | | 130 | 130 | | |
| 58" | | 121 | 121 | | 93 | 93 | | 130 | 130 | | |
| 57" | | 123 | 123 | | 94 | 94 | | 130 | 130 | | |
| 56" | | 126 | 126 | | 96 | 96 | | 130 | 130 | | |
| 55" | | 128 | 128 | | 98 | 98 | | 130 | 130 | | |
| 54" | | 130 | 130 | | 100 | 100 | | 130 | 130 | | |
| 53" | | 130 | 130 | | 102 | 102 | | 130 | 130 | | |
| 52" | | 130 | 130 | | 104 | 104 | | 130 | 130 | | |
| 51" | | 130 | 130 | | 106 | 106 | | 130 | 130 | | |
| 50" | | 130 | 130 | | 108 | 108 | | 130 | 130 | | |
| 49" | | 130 | 130 | | 109 | 109 | | 130 | 130 | | |
| 48" | | 130 | 130 | | 111 | 111 | | 130 | 130 | | |
| 58" | 108" | 121 | 121 | 21/13C 14/12B 08/11B 05/10D 01/10 | 93 | 93 | 25B/13F 14/12C 08/11B 05/10D 01/10 | 130 | 130 | 15/13 14/12B 08/11B 05/10D 01/10 | 1/8" x 4 1/2" x 108" |
| 57" | | 123 | 123 | | 94 | 94 | | 130 | 130 | | |
| 56" | | 126 | 126 | | 96 | 96 | | 130 | 130 | | |
| 55" | | 128 | 128 | | 98 | 98 | | 130 | 130 | | |
| 54" | | 130 | 130 | | 100 | 100 | | 130 | 130 | | |
| 53" | | 130 | 130 | | 102 | 102 | | 130 | 130 | | |
| 52" | | 130 | 130 | | 104 | 104 | | 130 | 130 | | |
| 51" | | 130 | 130 | | 106 | 106 | | 130 | 130 | | |
| 50" | | 130 | 130 | | 108 | 108 | | 130 | 130 | | |
| 49" | | 130 | 130 | | 109 | 109 | | 130 | 130 | | |
| 48" | | 130 | 130 | | 111 | 111 | | 128 | 128 | | |
| 54" | 132" | 130 | 130 | 21/13C 14/12B 08/11B 05/10D 01/10 | 100 | 100 | 25B/13F 14/12C 08/11B 05/10D 01/10 | 130 | 130 | 15/13 14/12B 08/11B 05/10D 01/10 | 3/8" x 4 1/2" x 132" |
| 53" | | 130 | 130 | | 102 | 102 | | 130 | 130 | | |
| 52" | | 130 | 130 | | 104 | 104 | | 130 | 130 | | |
| 51" | | 130 | 130 | | 106 | 106 | | 130 | 130 | | |
| 50" | | 130 | 130 | | 108 | 108 | | 130 | 130 | | |
| 49" | | 130 | 130 | | 109 | 109 | | 130 | 130 | | |
| 48" | | 130 | 130 | | 111 | 111 | | 130 | 130 | | |
| 48" | 144" | 130 | 130 | 21/13C 14/12B 08/11B 05/10D 01/10 | 111 | 111 | 25B/13F 14/12C 08/11B 05/10D 01/10 | 130 | 130 | 15/13 14/12B 08/11B 05/10D 01/10 | 1/2" x 4 1/2" x 144" |

**MAXIMUM PRESSURE PLATE SCREWS SPACING TABLE**

| | GLASS HEIGHT (INCHES) | MAXIMUM SCREWS SPACING (INCHES) |
|---|---|---|
| HEAD & SILL | UP TO 135" | 12" O.C. |
| | 135" TO 144" | 9" O.C. |
| INTERMEDIATE HORIZONTAL | UP TO 67" | 12" O.C. |
| | 67" TO 90" | 9" O.C. |
| | 90" TO 144" | 5" O.C. |

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Florida License No 57110
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12-16-12

Approved as complying with the Florida Buiding Code
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Miami Dade Product Control
By

| REV. | COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 | GENERAL REVIEW PER RER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: - | |

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3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158

# MULLION STRUCTURAL SILICONE BITE CHART ( DOUBLE SPAN)

( SEE SHEET 02 OF 17 )

| TWO (2) SIDED STRUCTURAL GLAZING VERTICALLY & PRESSURE CAPTURED | | | | | | | | FOUR (4) SIDED PRESSURE CAPTURED | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DIMENSIONS | | 1.063" SILICONE BITE W/O GASKET VERTICALLY AND PRESSURE CAPTURED TOP & BOTTOM | | | 0.815" SILICONE BITE W GASKET VERTICALLY AND PRESSURE CAPTURED TOP & BOTTOM | | | FOUR (4) SIDED PRESSURE CAPTURED WITH 0.556" SILICONE BITE AND GASKETS | | | MULLION REINFORCEMENT |
| MULL SPACING (INCHES) | SPAN (INCHES) | LOAD CAPACITY PSF (+) | LOAD CAPACITY PSF (-) | Details Ref. | LOAD CAPACITY PSF (+) | LOAD CAPACITY PSF (-) | Details Ref. | LOAD CAPACITY PSF (+) | LOAD CAPACITY PSF (-) | Details Ref. | STEEL BAR ASTM A36 |
| 60" | 192" | 117 | 117 | 21/13C 14/12B 08/11B 05/10D 01/10 | 90 | 90 | 25B/13F 14/12C 08/11B 05/10D 01/10 | 130 | 130 | 15/13 14/12B 08/11B 05/10D 01/10 | Is not required |
| 59" | | 119 | 119 | | 91 | 91 | | 130 | 130 | | |
| 58" | | 121 | 121 | | 93 | 93 | | 130 | 130 | | |
| 57" | | 123 | 123 | | 94 | 94 | | 130 | 130 | | |
| 56" | | 126 | 126 | | 96 | 96 | | 130 | 130 | | |
| 55" | | 128 | 128 | | 98 | 98 | | 130 | 130 | | |
| 54" | | 130 | 130 | | 100 | 100 | | 130 | 130 | | |
| 53" | | 130 | 130 | | 102 | 102 | | 130 | 130 | | |
| 52" | | 130 | 130 | | 104 | 104 | | 130 | 130 | | |
| 51" | | 130 | 130 | | 106 | 106 | | 130 | 130 | | |
| 50" | | 130 | 130 | | 108 | 108 | | 130 | 130 | | |
| 49" | | 130 | 130 | | 109 | 109 | | 130 | 130 | | |
| 48" | | 130 | 130 | | 111 | 111 | | 130 | 130 | | |
| 58" | 216" | 121 | 121 | 21/13C 14/12B 08/11B 05/10D 01/10 | 93 | 93 | 25B/13F 14/12C 08/11B 05/10D 01/10 | 130 | 130 | 15/13 14/12B 08/11B 05/10D 01/10 | 1/8" x 4 1/2" x 108" |
| 57" | | 123 | 123 | | 94 | 94 | | 130 | 130 | | |
| 56" | | 126 | 126 | | 96 | 96 | | 130 | 130 | | |
| 55" | | 128 | 128 | | 98 | 98 | | 130 | 130 | | |
| 54" | | 130 | 130 | | 100 | 100 | | 130 | 130 | | |
| 53" | | 130 | 130 | | 102 | 102 | | 130 | 130 | | |
| 52" | | 130 | 130 | | 104 | 104 | | 130 | 130 | | |
| 51" | | 130 | 130 | | 106 | 106 | | 130 | 130 | | |
| 50" | | 130 | 130 | | 108 | 108 | | 130 | 130 | | |
| 49" | | 130 | 130 | | 109 | 109 | | 130 | 130 | | |
| 48" | | 130 | 130 | | 111 | 111 | | 128 | 128 | | |
| 54" | 264" | 130 | 130 | 21/13C 14/12B 08/11B 05/10D 01/10 | 100 | 100 | 25B/13F 14/12C 08/11B 05/10D 01/10 | 130 | 130 | 15/13 14/12B 08/11B 05/10D 01/10 | 3/8" x 4 1/2" x 132" |
| 53" | | 130 | 130 | | 102 | 102 | | 130 | 130 | | |
| 52" | | 130 | 130 | | 104 | 104 | | 130 | 130 | | |
| 51" | | 130 | 130 | | 106 | 106 | | 130 | 130 | | |
| 50" | | 130 | 130 | | 108 | 108 | | 130 | 130 | | |
| 49" | | 130 | 130 | | 109 | 109 | | 130 | 130 | | |
| 48" | | 130 | 130 | | 111 | 111 | | 130 | 130 | | |
| 48" | 288" | 130 | 130 | 21/13C 14/12B 08/11B 05/10D 01/10 | 111 | 111 | 25B/13F 14/12C 08/11B 05/10D 01/10 | 130 | 130 | 15/13 14/12B 08/11B 05/10D 01/10 | 1/2" x 4 1/2" x 144" |

**MAXIMUM PRESSURE PLATE SCREWS SPACING TABLE**

| | GLASS HEIGHT (INCHES) | MAXIMUM SCREWS SPACING (INCHES) |
|---|---|---|
| HEAD & SILL | UP TO 135" | 12" O.C. |
| | 135" TO 144" | 9" O.C. |
| INTERMEDIATE HORIZONTAL | UP TO 67" | 12" O.C. |
| | 67" TO 90" | 9" O.C. |
| | 90" TO 144" | 5" O.C. |

Leon Murray P.E.
Florida License No 57110
1172 Lebanon Road
North Berwick, Maine 03906
Phone: 207-651-3064

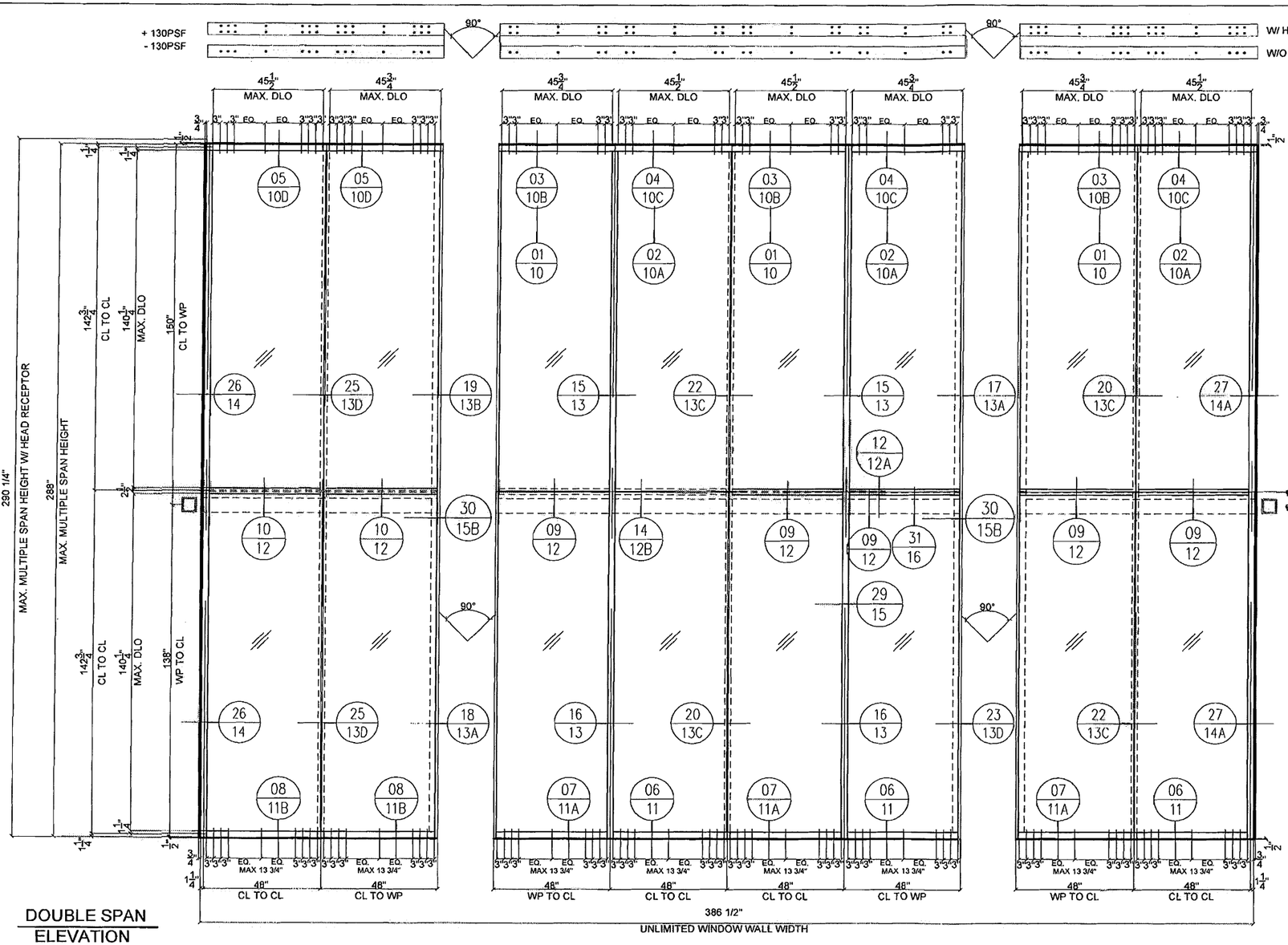
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-10-12

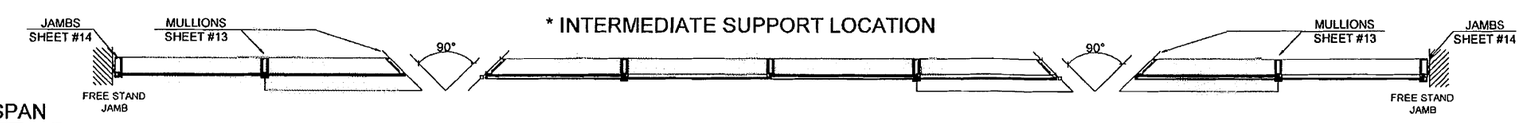
Approved as complying with the Florida Building Code
Date Dec. 27 2012
NOA# 12-0913.02
Miami Dade Product Control
By

| REV. | COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 | GENERAL REVIEW PER RER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: - | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5156

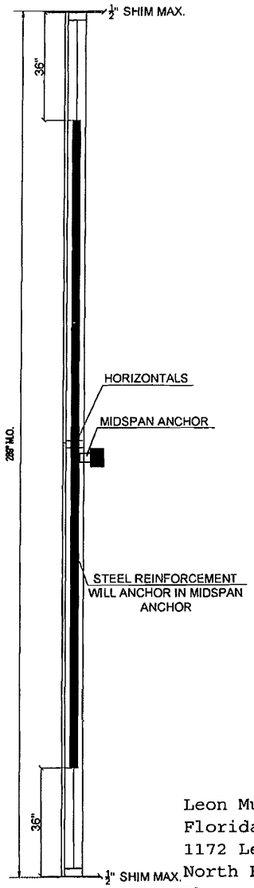



DOUBLE SPAN
ELEVATION




DOUBLE SPAN
PLAN VIEW

## DOUBLE SPAN
## CROSS SECTION

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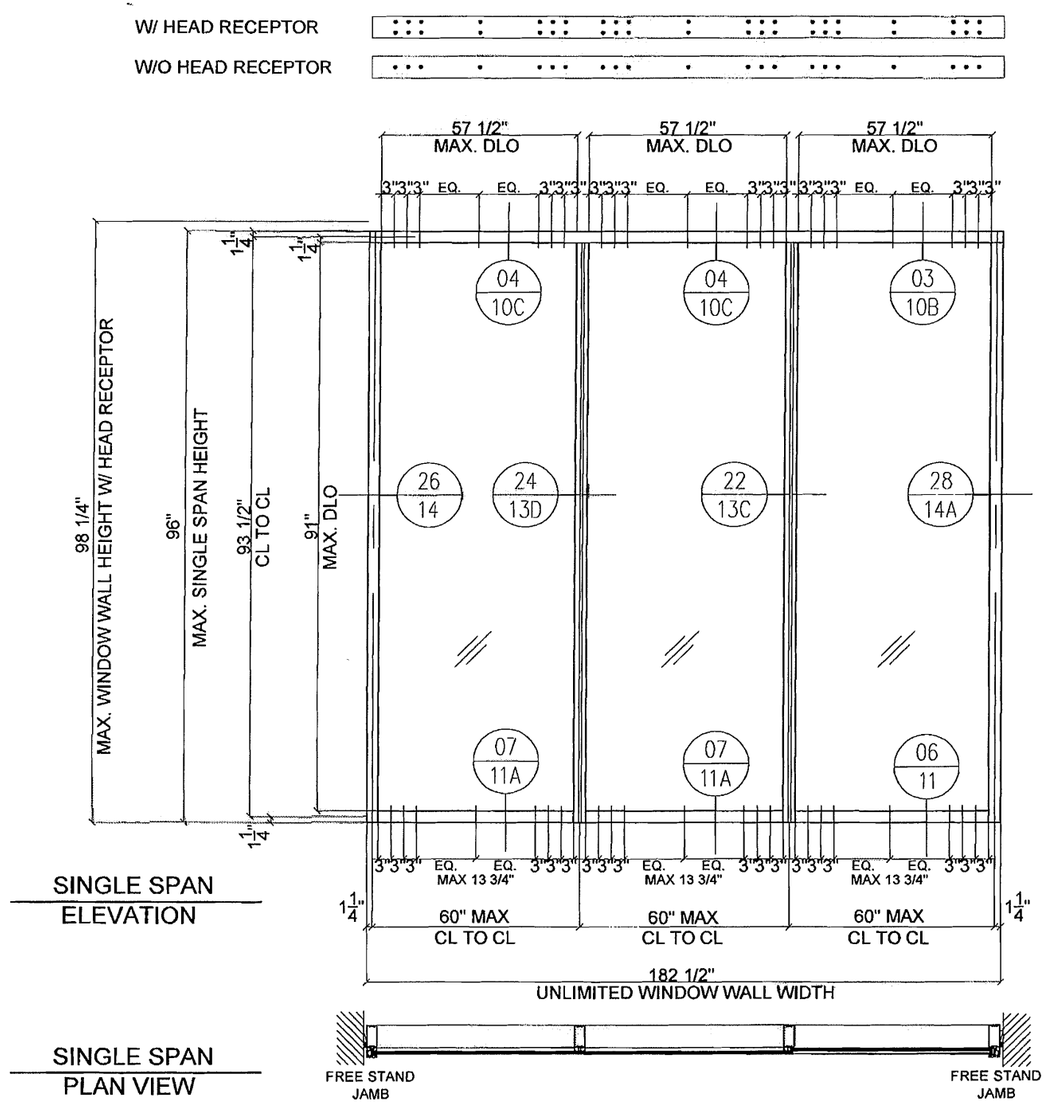
By Manuel Perez

| REV. | COMMENTS: | DATE: | PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | GLASSWALL 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | SHEET 02 OF 17 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | | | | | | | |
| | | | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: - | | |

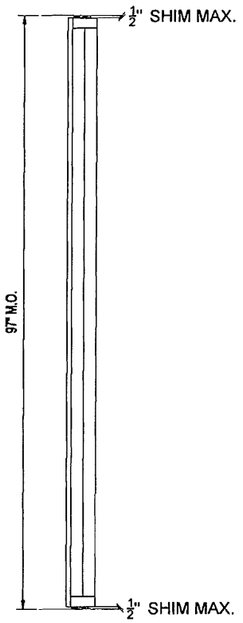
| MAX WIDTH PANEL | MAX HEIGHT PANEL | STEEL REINFORCEMENT | MAX. DESIGN PRESSURE |
|---|---|---|---|
| 60" | 96" | N/A | + 130 PSF<br>- 130 PSF |

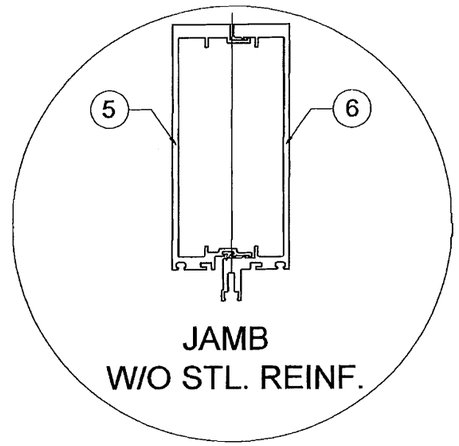



SINGLE SPAN
ELEVATION

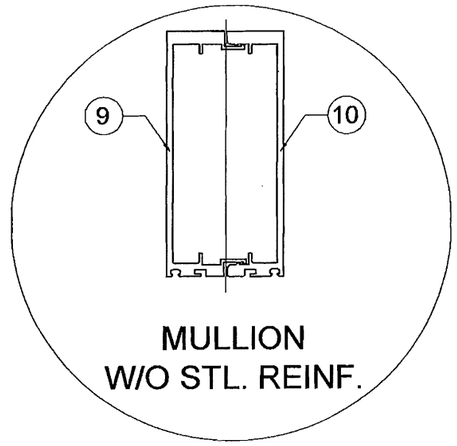
SINGLE SPAN
PLAN VIEW

SINGLE SPAN
CROSS SECTION




JAMB
W/O STL. REINF.




MULLION
W/O STL. REINF.

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North Berwick, Maine 03906
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GLASSWALL
3550 N.W 49 STREET
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PHONE (305) 638-5151
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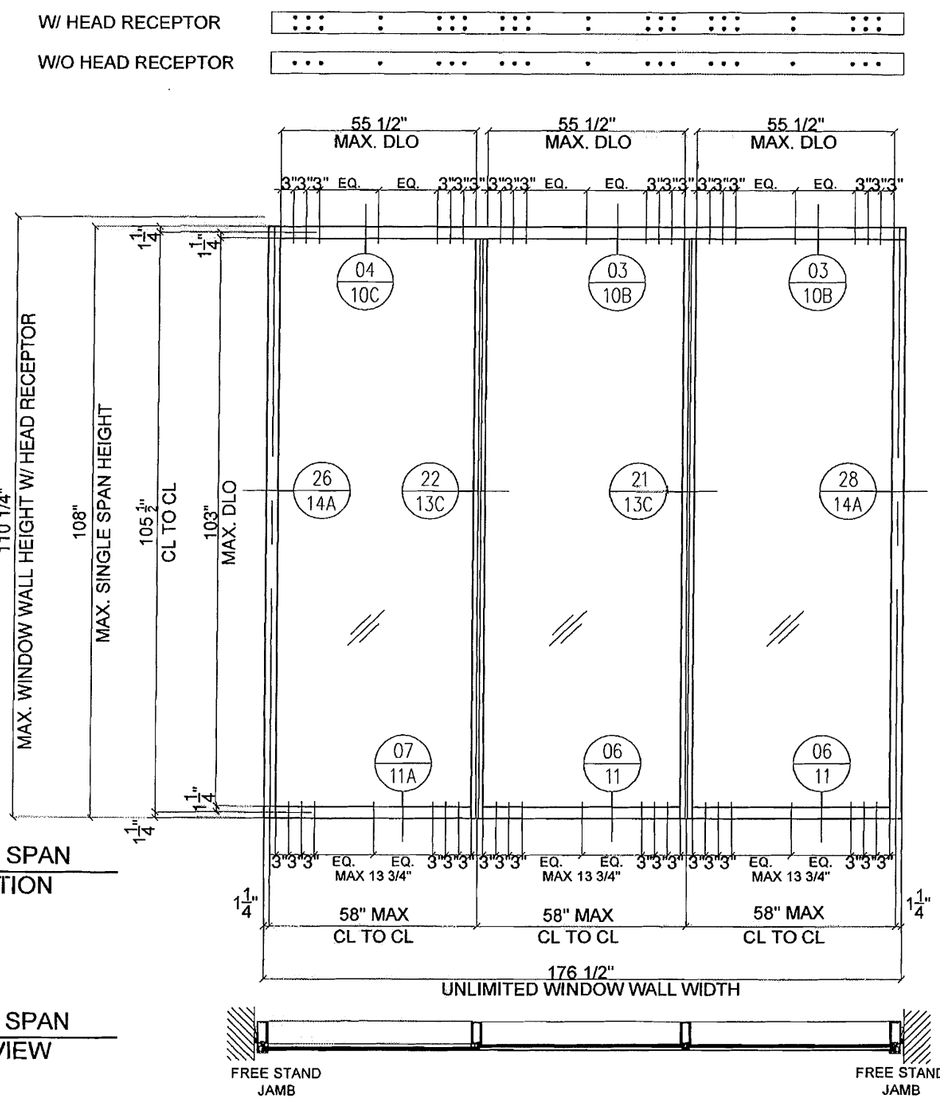
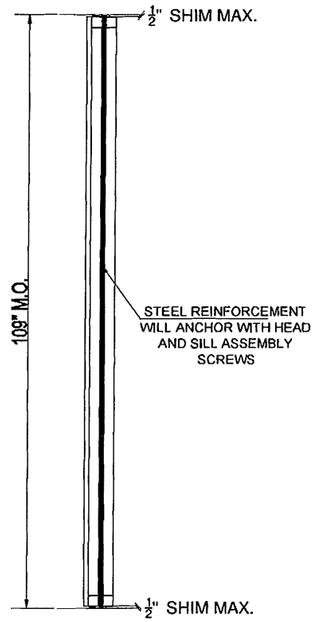
| MAX WIDTH PANEL | MAX HEIGHT PANEL | STEEL REINFORCEMENT | MAX. DESIGN PRESSURE |
|---|---|---|---|
| 58" | 108" | 108" X 1/8" X 4 1/2" | + 130 PSF<br>- 130 PSF |

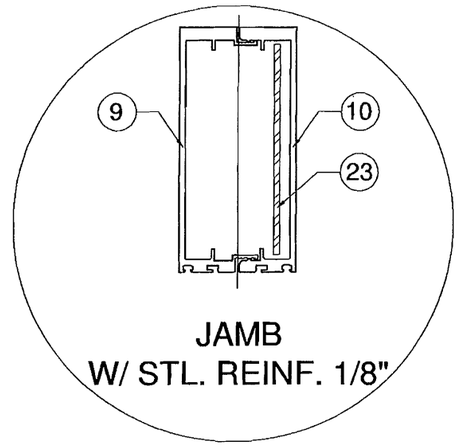



SINGLE SPAN
ELEVATION

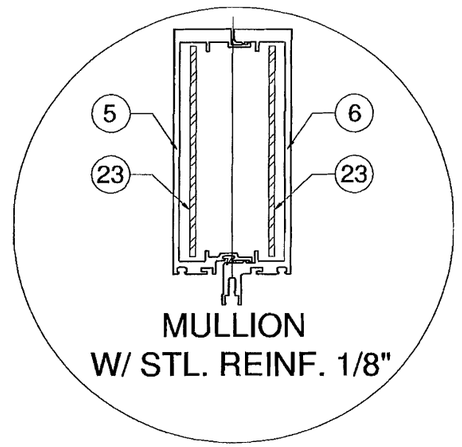
SINGLE SPAN
PLAN VIEW

SINGLE SPAN
CROSS SECTION




JAMB
W/ STL. REINF. 1/8"




MULLION
W/ STL. REINF. 1/8"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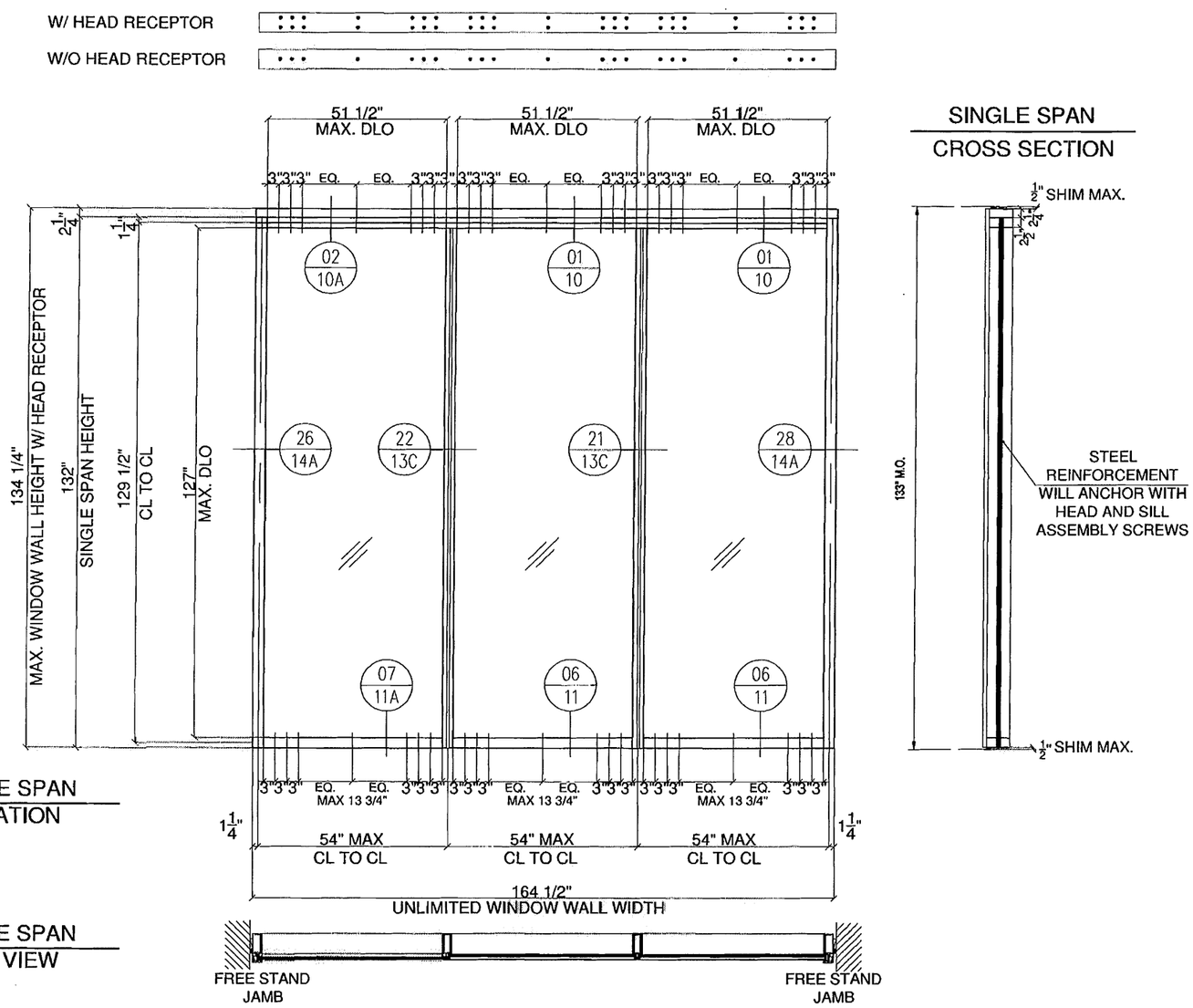
| MAX WIDTH PANEL | MAX HEIGHT PANEL | STEEL REINFORCEMENT | MAX. DESIGN PRESSURE |
|---|---|---|---|
| 54" | 132" | 129 3/4" X 3/8" X 4 1/2" | + 130 PSF<br>- 130 PSF |

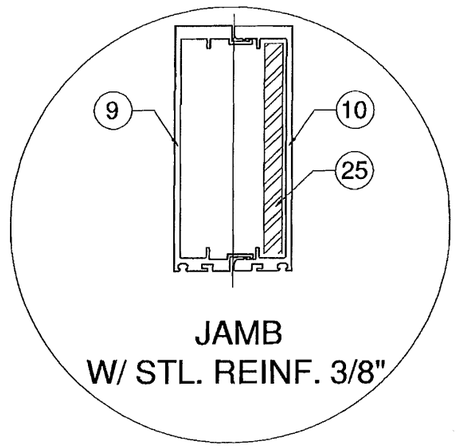



SINGLE SPAN
ELEVATION

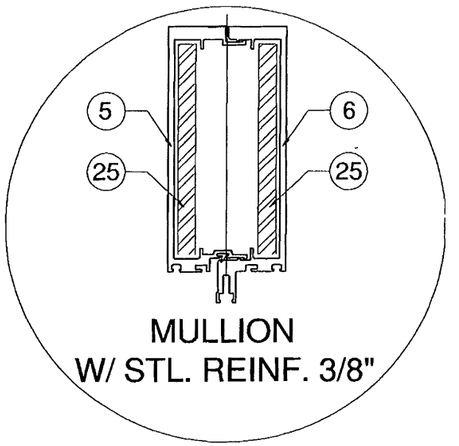
SINGLE SPAN
PLAN VIEW

SINGLE SPAN
CROSS SECTION




JAMB
W/ STL. REINF. 3/8"




MULLION
W/ STL. REINF. 3/8"

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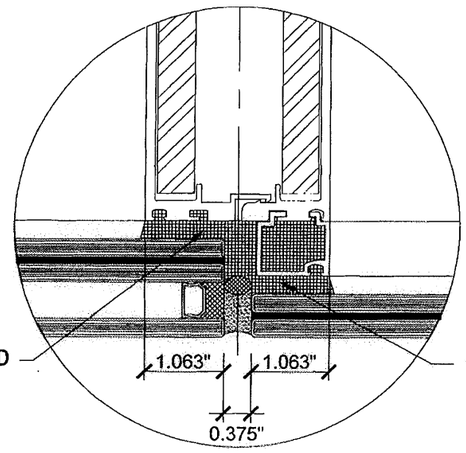
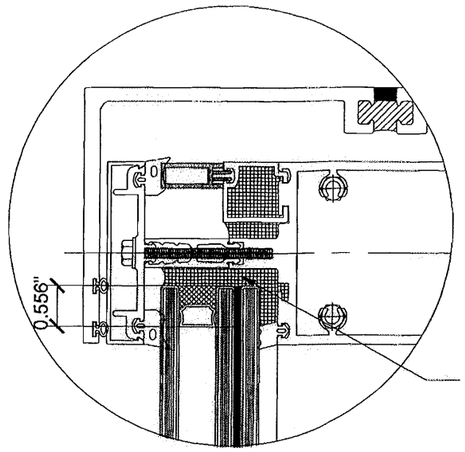



1.128" APPROVED STRUCTURAL SILICONE AS PER NOTE ②ON SHEET 01 OF 17

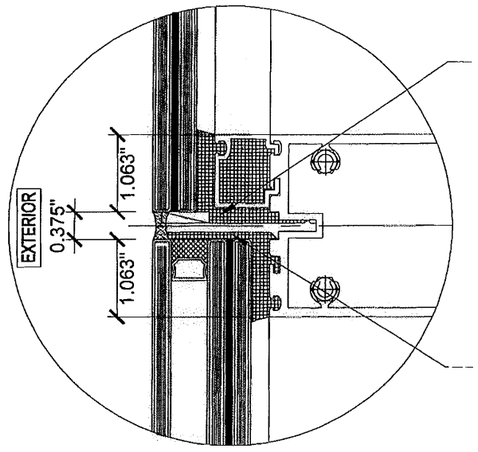
1.128" APPROVED STRUCTURAL SILICONE AS PER NOTE ②ON SHEET 01 OF 17

TYP. VERTICAL MULLION
STRUCTURAL GLAZED GLASS




0.556" APPROVED STRUCTURAL SILICONE AS PER NOTE ② ON SHEET 01 OF 17

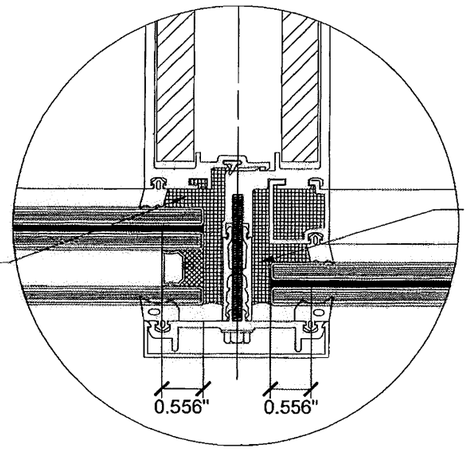
HEAD HORIZONTAL
CAPTURED GLASS




1.128" APPROVED STRUCTURAL SILICONE AS PER NOTE ②ON SHEET 01 OF 17

1.128" APPROVED STRUCTURAL SILICONE AS PER NOTE ②ON SHEET 01 OF 17

INTERMEDIATE HORIZONTAL
STRUCTURAL GLAZED GLASS




0.556" APPROVED STRUCTURAL SILICONE AS PER NOTE ②ON SHEET 01 OF 17

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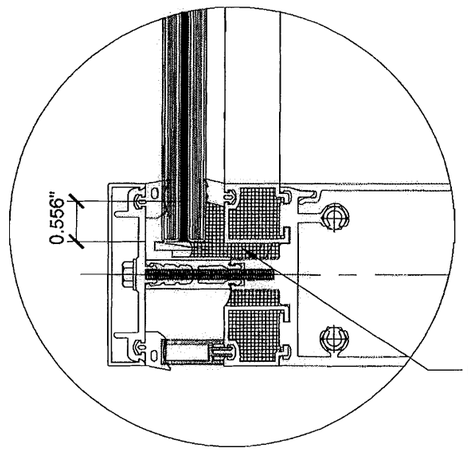
TYP. VERTICAL MULLION
CAPTURED GLASS




0.556" APPROVED STRUCTURAL SILICONE AS PER NOTE ②ON SHEET 01 OF 17

SILL HORIZONTAL
CAPTURED GLASS

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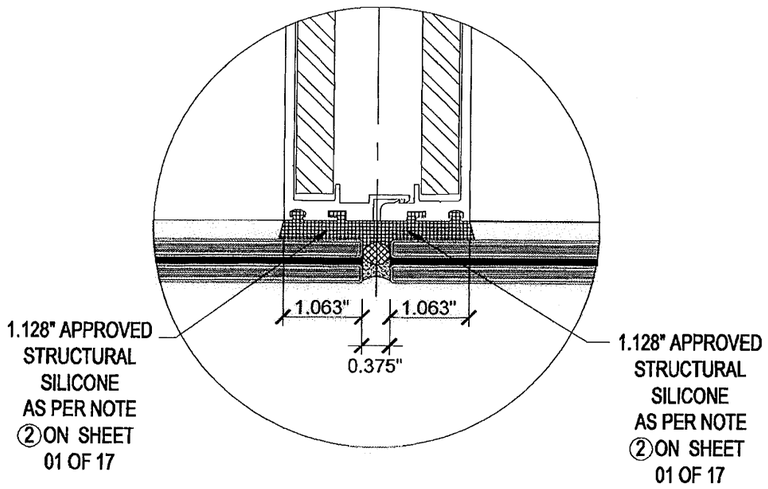
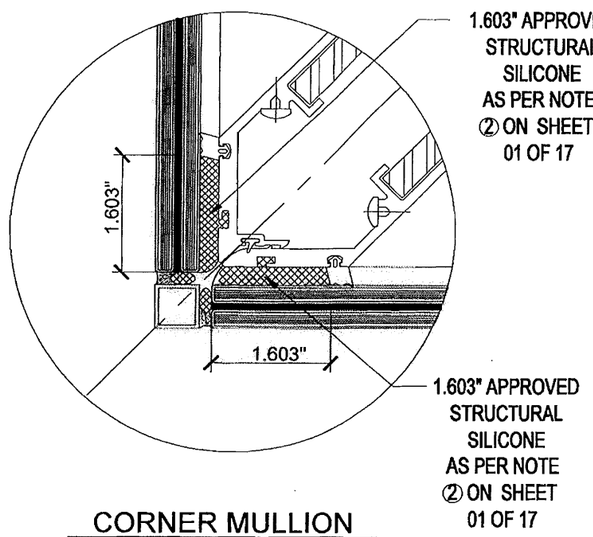
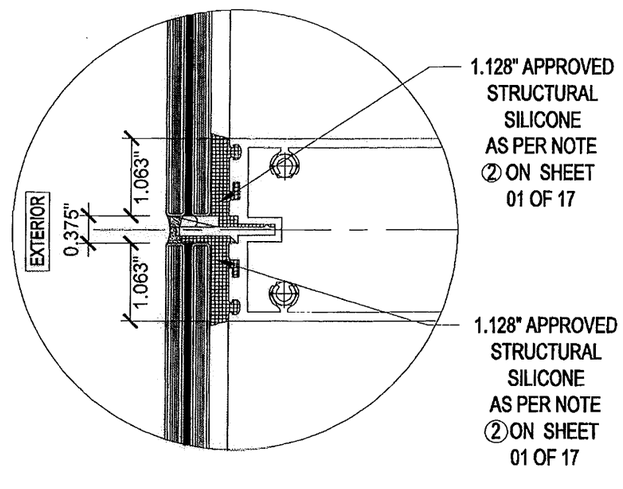


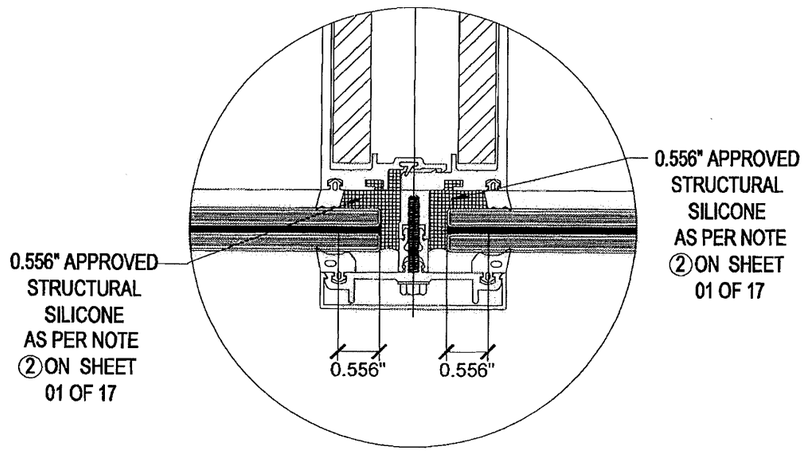

VERTICAL MULLION
STRUCTURAL GLAZED GLASS



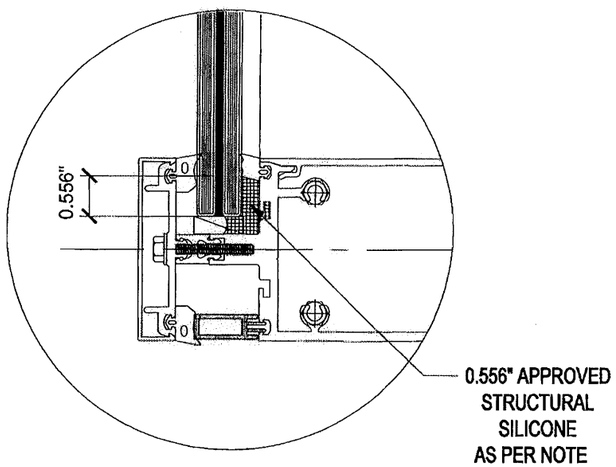

CORNER MULLION
LAMINATED GLASS




INTERMEDIATE HORIZONTAL
STRUCTURAL GLAZED GLASS




TYP. VERTICAL MULLION
CAPTURED GLASS




SILL HORIZONTAL
CAPTURED GLASS

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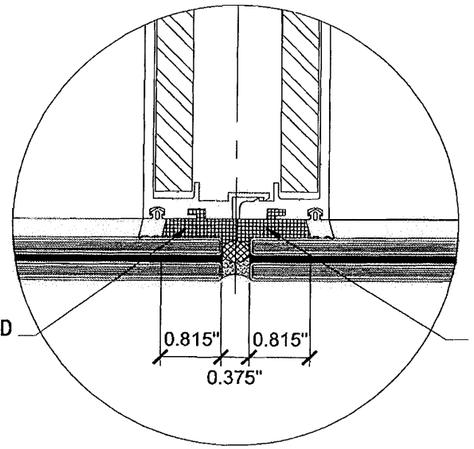
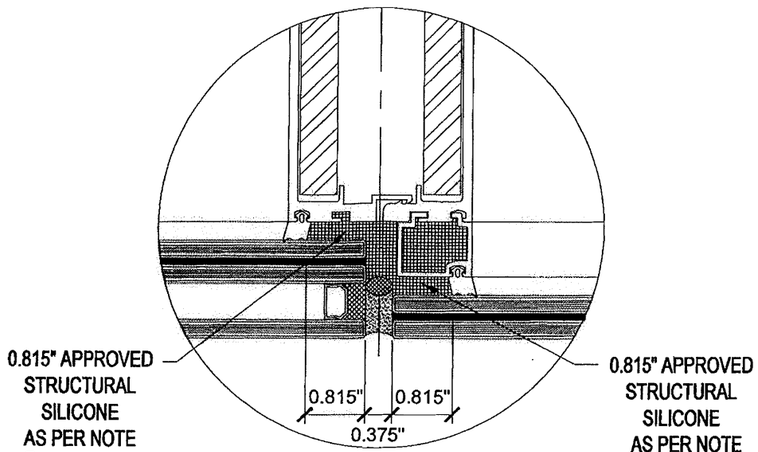



VERTICAL MULLION
STRUCTURAL GLAZED GLASS

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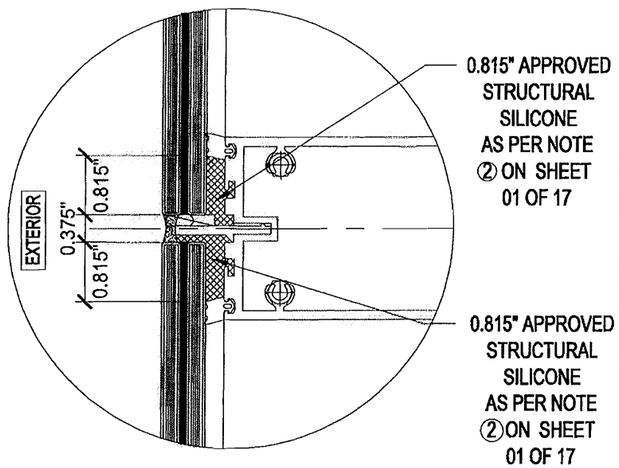
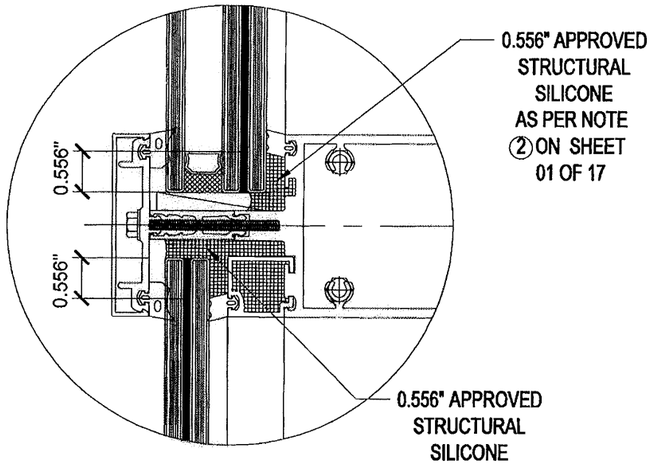
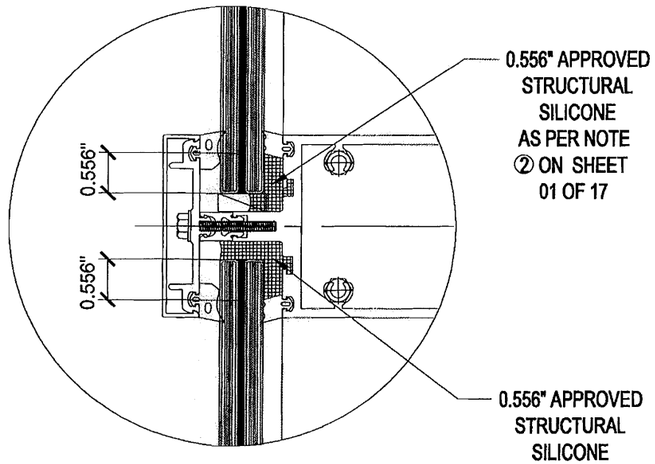
STRUCTURAL GLAZED GLASS




INTERMEDIATE HORIZONTAL
STRUCTURAL GLAZED GLASS




INTERMEDIATE HORIZONTAL
CAPTURED GLASS




INTERMEDIATE HORIZONTAL
CAPTURED GLASS

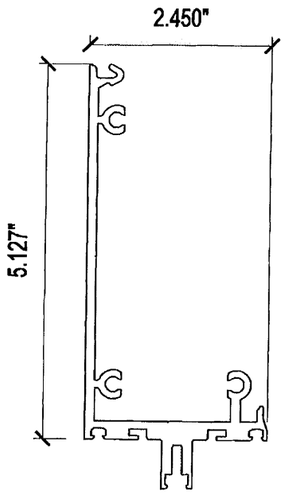
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-16-12

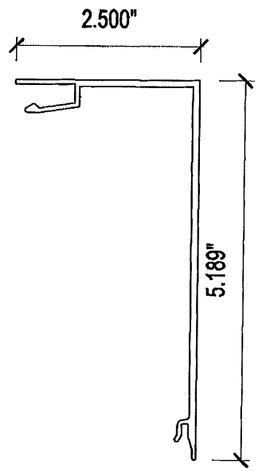
Approved as complying with the Florida Bsiding Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| REV. | COMMENTS: | DATE: | PRODUCT NAME: | | | | |
|---|---|---|---|---|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | |
| 2 | GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 |

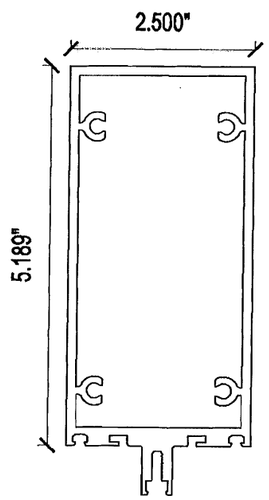
GLASSWALL
3550 N.W.49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



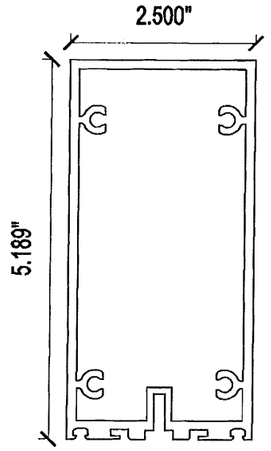

① HEAD / SILL
5250-001



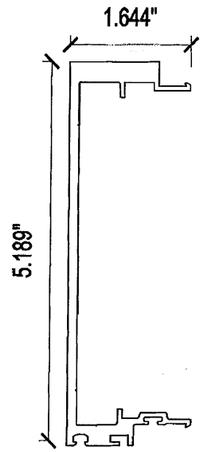

② HEAD / SILL COVER
5250-002



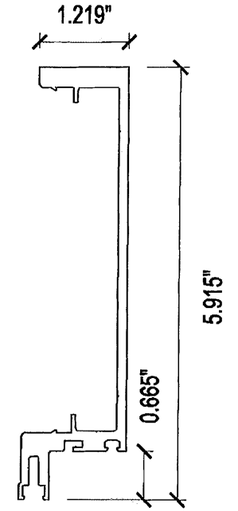

③ HORIZONTAL MULLION
5250-003



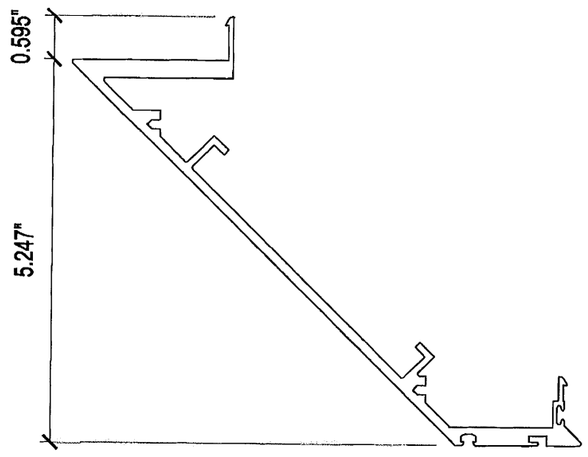

④ STRUCTURAL
HORIZONTAL MULLION
5250-005



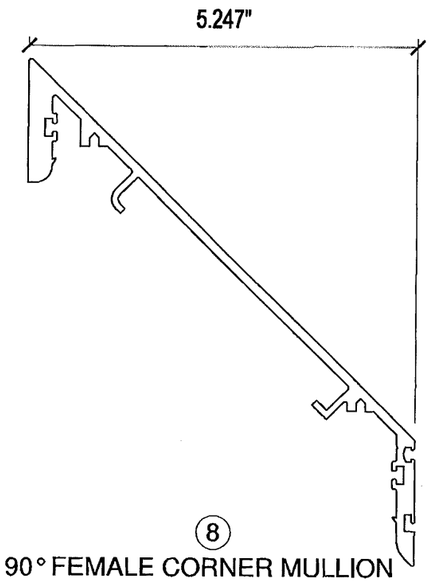

⑤ MALE MULLION
FOR PRESSURE
PLATE GLAZING
5250-101



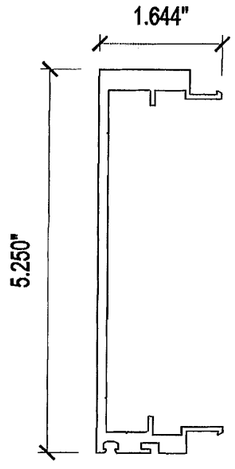

⑥ FEMALE MULLION
FOR PRESSURE
PLATE GLAZING
5250-102




⑦ 90° MALE CORNER MULLION
5250-103




⑧ 90° FEMALE CORNER MULLION
5250-104




⑨ MALE MULLION
FOR STRUCTURAL GLAZING
5250-105

Leon Murray P.E.
Florida License No 57110
1172 Lebanon Road
North Berwick, Maine 03906
Phone: 207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

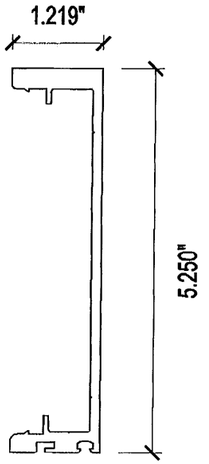
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| REV. | COMMENTS: | DATE: |
|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 |
| | | |

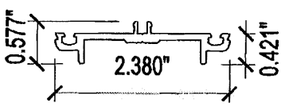
PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE

DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2

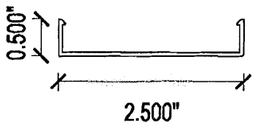
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



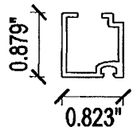

(10)
FEMALE MULLION
FOR STRUCTURAL GLAZING
5250-106



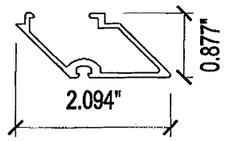

(11)
PRESSURE PLATE
5250-201



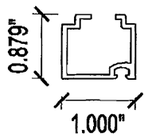

(12)
BEAUTY CAP
5250-202



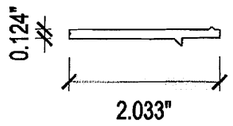

(13)
GLAZING ADAPTOR
5250-203



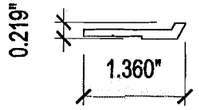

(14)
90° GLAZING ADAPTOR
5250-204



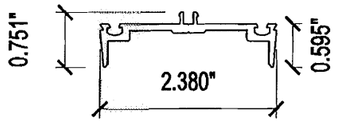

(15)
STRUCTURAL
GLAZING ADAPTOR
5250-205



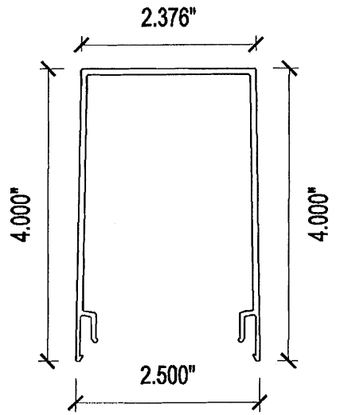

(16)
STRUCTURAL
GLAZING SHELF
5250-206



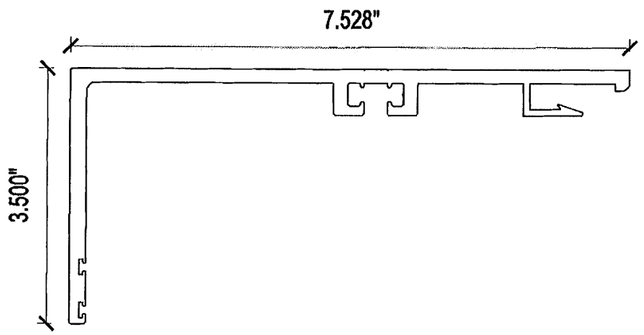

(17)
GLASS SHELF
SUPPORT
5250-207



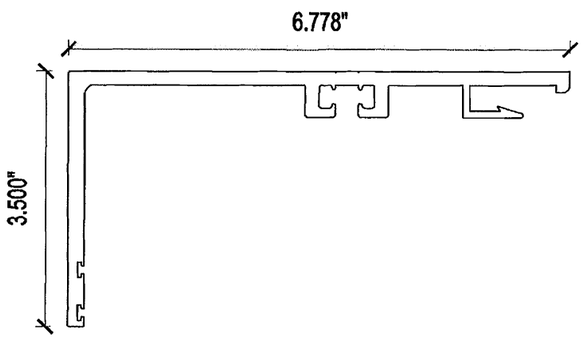

(18)
PRESSURE PLATE
EXTENDED CAP
5250-208




(19)
EXTENDED
CAP
5250-209




(20)
STRUCTURAL EXTERIOR
HEAD RECEPTOR ( 7 1/2" )
5250-210




(21)
STRUCTURAL EXTERIOR
HEAD RECEPTOR ( 6 7/8" )
5250-211

Leon Murray P.E.
Florida License No 57110
1172 Lebanon Road
North Berwick, Maine 03906
Phone: 207-651-3064

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12-16-12

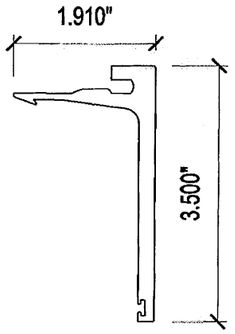
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| REV. | COMMENTS: | DATE: |
|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 |
| | | |

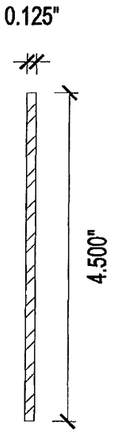
PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE

DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2

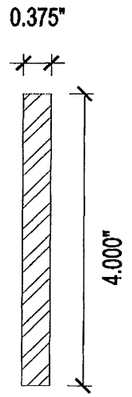
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



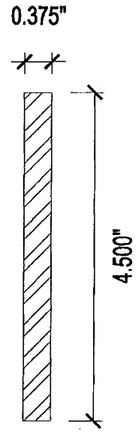

(22)
BACK STRUCTURAL HEAD RECEPTOR (6 7/8" & 7 1/2")
5250-212



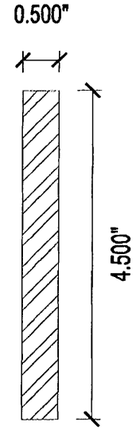

(23)
1/8" x 4 1/2" STEEL BAR



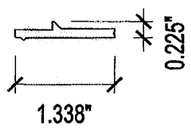

(24)
3/8" x 4" STEEL BAR
( 90° CORNER MULLION )



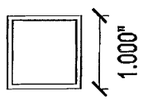

(25)
3/8" x 4 1/2" STEEL BAR



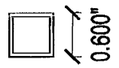

(26)
1/2" x 4 1/2" STEEL BAR



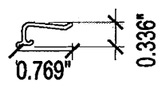

(27)
STRUCTURAL GLAZING SHELF
5250-213




(28)
1" x 1" TUBE
5250-214




(29)
5/8" x 5/8" TUBE
5250-215




(30)
ANTI-BUCKLING CLIP
5250-216

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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12-16-12

Approved as complying with the Florida Building Code
Date Dec 27, 2012
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Miami Dade Product Control
By

| REV. | COMMENTS: | DATE: | PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | GLASSWALL 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | SHEET 08B OF 17 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | | |

| ITEM # | DESCRIPTION | MATERIAL |
|---|---|---|
| 1 | HEAD / SILL | ALUMINUM 6063-T6 |
| 2 | HEAD / SILL COVER | ALUMINUM 6063-T6 |
| 3 | HORIZONTAL MULLION | ALUMINUM 6063-T6 |
| 4 | STRUCTURAL HORIZONTAL MULLION | ALUMINUM 6063-T6 |
| 5 | MALE MULLION - FOR PRESSURE PLATE GLAZING | ALUMINUM 6063-T6 |
| 6 | FEMALE MULLION - FOR PRESSURE PLATE GLAZING | ALUMINUM 6063-T6 |
| 7 | 90° MALE CORNER MULLION | ALUMINUM 6063-T6 |
| 8 | 90° FEMALE CORNER MULLION | ALUMINUM 6063-T6 |
| 9 | MALE MULLION - FOR STRUCTURAL GLAZING | ALUMINUM 6063-T6 |
| 10 | FEMALE MULLION - FOR STRUCTURAL GLAZING | ALUMINUM 6063-T6 |
| 11 | PRESSURE PLATE | ALUMINUM 6063-T6 |
| 12 | BEAUTY CAP | ALUMINUM 6063-T6 |
| 13 | GLAZING ADAPTER | ALUMINUM 6063-T6 |
| 14 | 90° GLAZING ADAPTER | ALUMINUM 6063-T6 |
| 15 | STRUCTURAL GLAZING ADAPTER | ALUMINUM 6063-T6 |
| 16 | STRUCTURAL GLAZING SHELF | ALUMINUM 6063-T6 |
| 17 | GLASS SHELF SUPPORT | ALUMINUM 6063-T6 |
| 18 | PRESSURE PLATE EXTENDED CAP | ALUMINUM 6063-T6 |
| 19 | EXTENDED CAP | ALUMINUM 6063-T6 |
| 20 | STRUCTURAL EXTERIOR HEAD RECEPTOR ( 7 1/2" ) | ALUMINUM 6063-T6 |
| 21 | STRUCTURAL EXTERIOR HEAD RECEPTOR ( 6 7/8" ) | ALUMINUM 6063-T6 |
| 22 | BACK STRUCTURAL HEAD RECEPTOR | ALUMINUM 6063-T6 |
| 23 | 1/8" X 4 1/2" REINFORCEMENT BAR ( VERTICAL MULLION ) | STEEL ASTM-A36 |
| 24 | 3/8" X 4" REINFORCEMENT BAR ( 90° CORNER MULLION ) | STEEL ASTM-A36 |
| 25 | 3/8" X 4 1/2" REINFORCEMENT BAR ( VERTICAL MULLION ) | STEEL ASTM-A36 |
| 26 | 1/2" X 4 1/2" REINFORCEMENT BAR ( VERTICAL MULLION ) | STEEL ASTM-A36 |
| 27 | STRUCTURAL GLAZING SHELF | ALUMINUM 6063-T6 |
| 28 | 1" x 1" TUBE | ALUMINUM 6063-T6 |
| 29 | 5/8" TUBE | ALUMINUM 6063-T6 |
| 30 | ANTI-BUCKLING CLIP ( 4" LONG EVERY 12" SPACING ) | ALUMINUM 6063-T6 |
| 31 | MULLION SEAL GASKET | SILICONE |
| 32 | INTERIOR GLASS SPACER | SILICONE |
| 33 | 3/8" SLIDING BULB GASKET | SILICONE |
| 34 | 1/4" SLIDING INTERIOR PRESSURE GASKET | SILICONE |
| 35 | 1 5/16" CW SPACER | POLYMIDE |
| 36 | 9/16" CW SPACER | POLYMIDE |
| 37 | 1/8" x 3/4" SETTING BLOCK | EPDM |
| 38 | HIGH MODULUS TWO PART STRUCTURAL SILICONE<br>(A) - DOW CORNING 983<br>(B) - SSG 4600 ULTRAGLAZE | SILICONE |
| 39 | LOW MODULUS ONE PART SEALANT.<br>A) GE SCS 2000 SILPRUF<br>B) DOW CORNING 790<br>C) GE SCS 2700 SILPRUF L.M.<br>D) DOW CORNING 795 | SILICONE |

| ITEM # | DESCRIPTION | MATERIAL |
|---|---|---|
| 40 | OPEN CELL BACKER ROAD | FOAM |
| 41 | 3/16" x 5/8" SETTING BLOCK | EPDM |
| 41A | 1/8" x 5/8" SETTING BLOCK | EPDM |
| 42 | 3/16" x 1 7/16" SETTING BLOCK | EPDM |
| 42A | 1/8" x 1 7/16" SETTING BLOCK | EPDM |
| 43 | 1/4" x 11/16" SETTING BLOCK | EPDM |
| 43A | 1/4" x 1 1/2" SETTING BLOCK | EPDM |
| 43B | 1/8" x 11/16" SETTING BLOCK | EPDM |
| 44 | 27/32" EDGE THERMAL ISOLATOR | PVC |
| 45 | 5" X 5" X 3/8" X 8" LG. ANGLE | STEEL ASTM-A36 |
| 46 | 4" X 4" X 1/4" X 4 1/2" LG. FORMED ANGLE | STEEL ASTM-A36 |
| 47 | 1/2" X 4 1/2" LG. THRU BOLT W/LOCK NUT & WASHER | SAE GRADE 5 |
| 47A | 5/8" X 4 1/2" LG. THRU BOLT W/LOCK NUT & WASHER | SAE GRADE 5 |
| 48 | 1/4" - 14 X 1 1/2" LG. ( AT VERTICAL & HORIZONTAL MULLION ) | SAE GRADE 5 |
| 49 | # 12 X 1 3/4" PHILLIPS PAN HEAD SHEET METAL SCREW | STAINLESS STEEL |
| 50 | 3/8"Ø TAP - FLEX THREAD - FORMING STRUCTURAL SCREWS | STEEL SAE GRADE 5 |
| 51 | 3/8" Ø WEDGE - BOLT + ZINC PLATED CARBON STEEL | CARBON STEEL |
| 52 | 3/4" Ø HH POWER EDGE BOLT | SAE GRADE 5 |
| 53 | 1/4" FILLET, 4" LONG TOP & BOTTOM | MILD STEEL E70 |
| 54 | # 10 X 3/4" LG S,S S.S | STAINLESS STEEL |
| 55 | 1/4" X 1 1/2" X 1 1/2" WELD WASHER | MILD STEEL E70 |
| 56 | 5" X 3" X 1/4" X 8" LG. ANGLE | STEEL ASTM-A36 |
| 57 | 1/4" FILLET, 1 1/2" LONG TOP & BOTTOM | MILD STEEL E70 |
| 58 | 1 5/16" X 2 1/16 HALFEN ANCHOR | STEEL ASTM-A36 |
| 59 | SPACER GASKET | SILICONE |
| 60 | 1/4 - 14 X 2" LG HEX WASHER HEAD | STAINLESS STEEL |
| 61 | 1/4 - 14 X 2" LG FLAT HEAD ( AT 90° CORNER MULLION ) | STAINLESS STEEL |
| 67 | ZONE PLUG | EPDM |
| 69 | # 12 X 1" PHILLIPS PAN HEAD SHEET METAL SCREW | STAINLESS STEEL |


Leon Murray P.E.
Florida License No 57110
1172 Lebanon Road
North Berwick, Maine 03906
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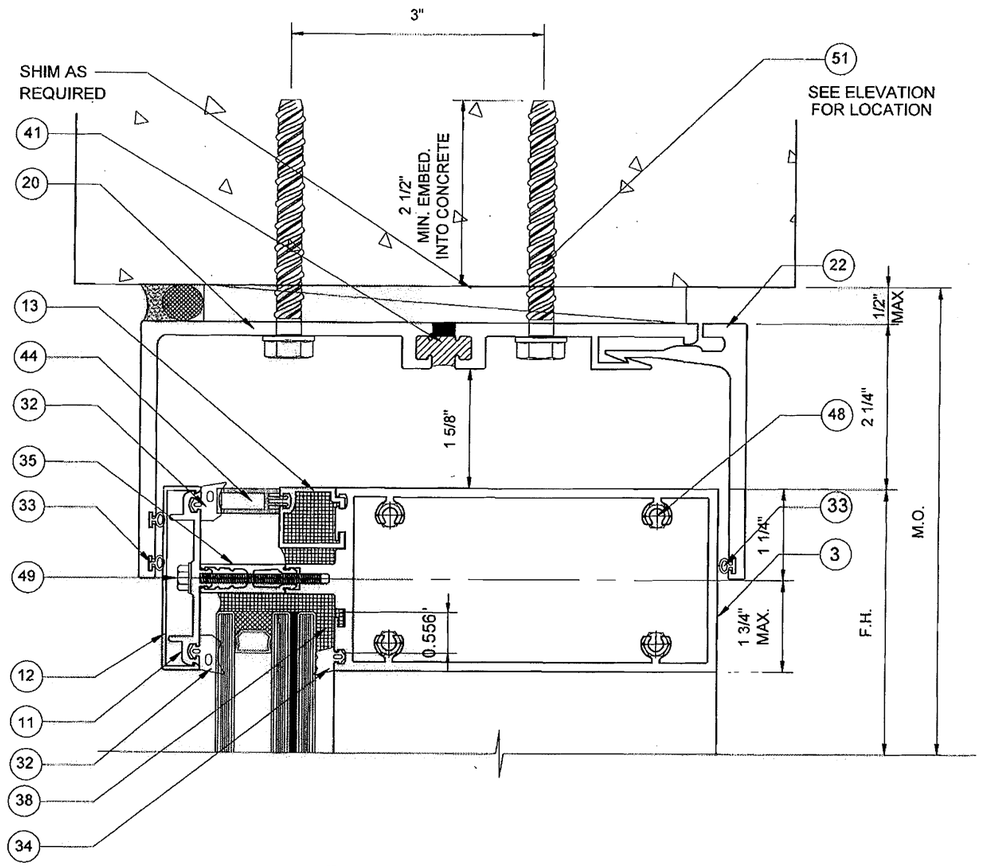
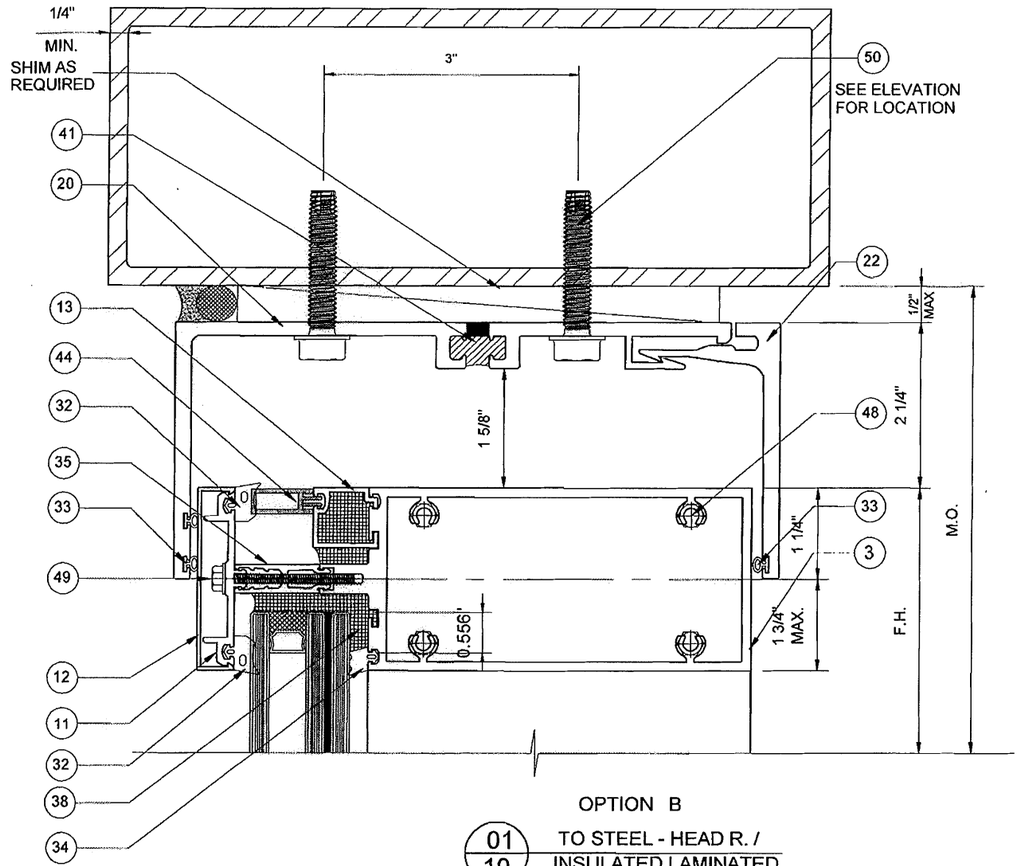
Miami Dade Product Control
By

| REV. | COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| | | | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: - | |


GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




01/10 OPTION (A) - TO CONCRETE - HEAD R. W/INSULATED LAMINATED




OPTION B

01/10 TO STEEL - HEAD R. / INSULATED LAMINATED

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

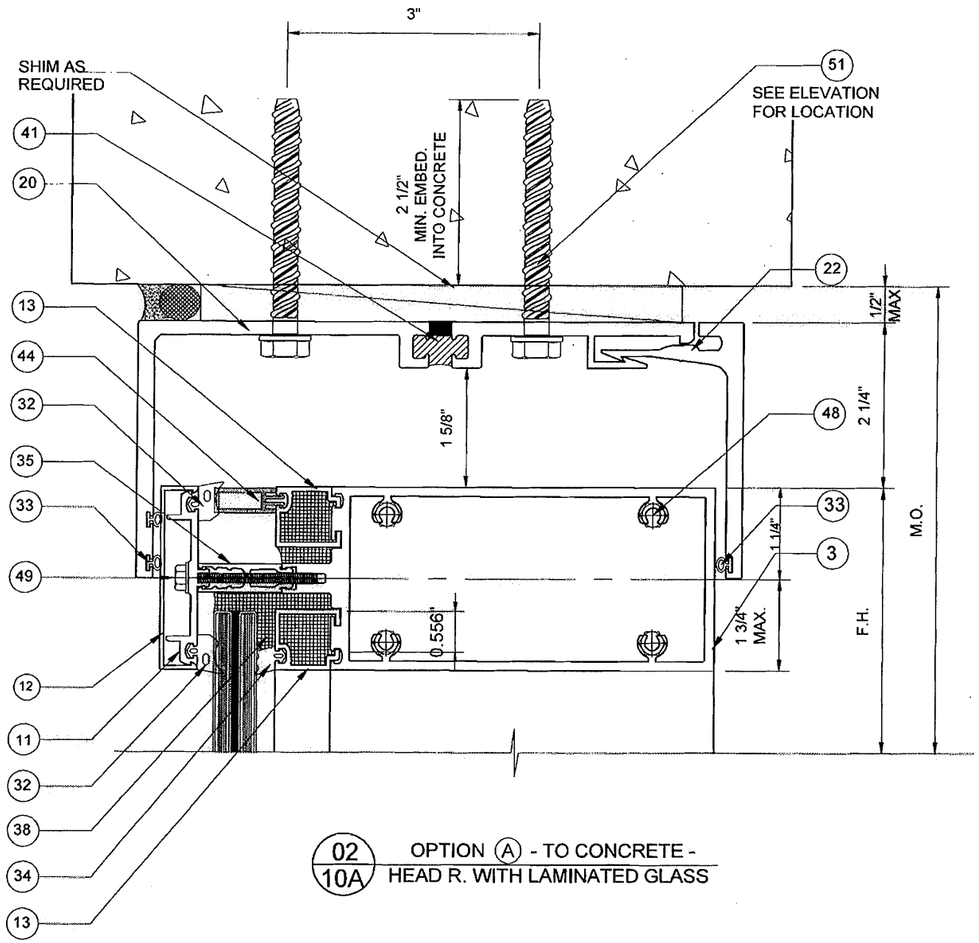
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

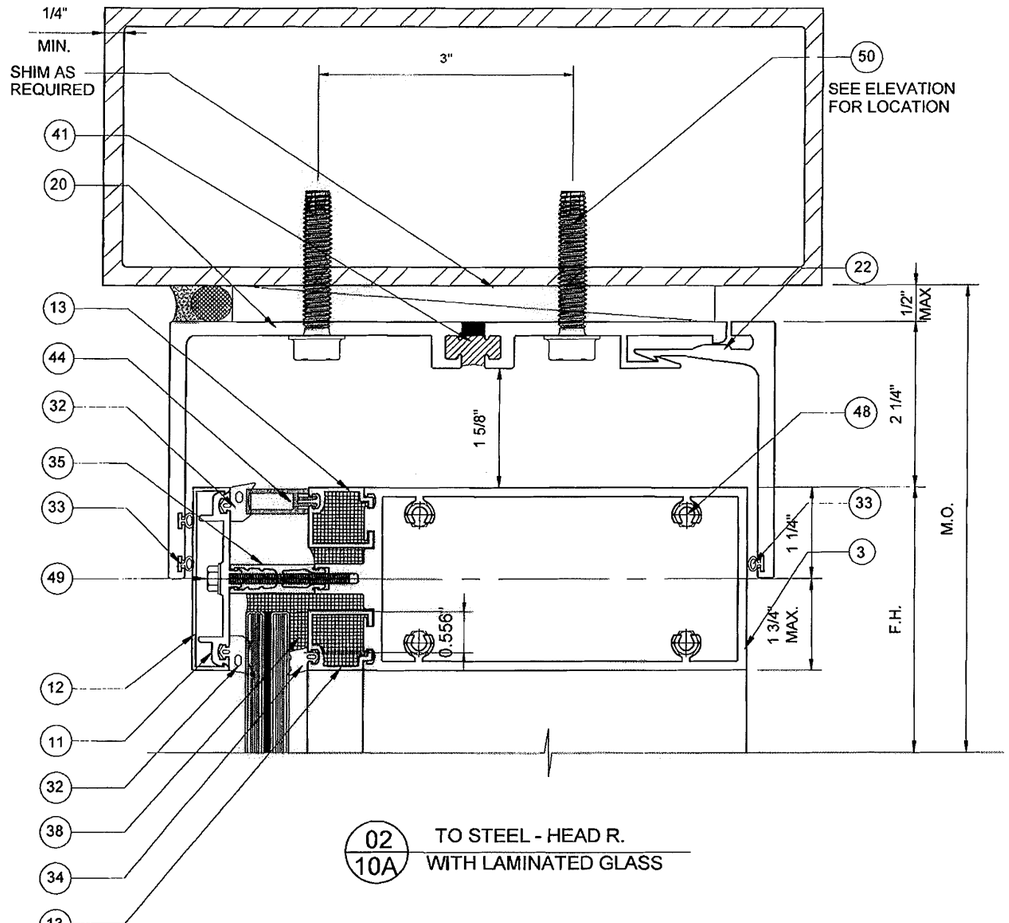
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

LASSWALL
3550 N.W.49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




02/10A OPTION (A) - TO CONCRETE - HEAD R. WITH LAMINATED GLASS




02/10A TO STEEL - HEAD R. WITH LAMINATED GLASS

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Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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12-16-12

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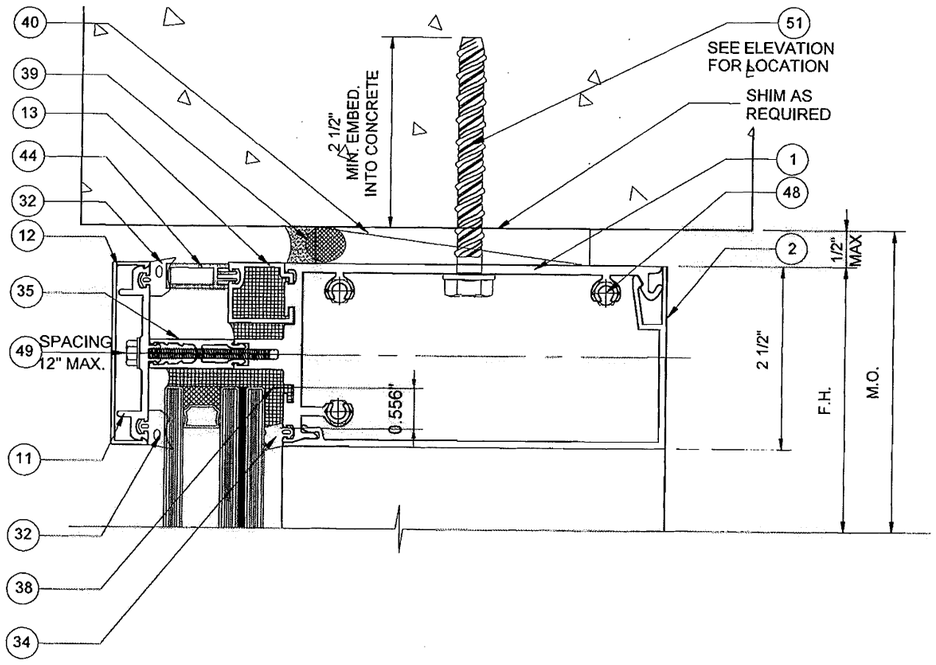
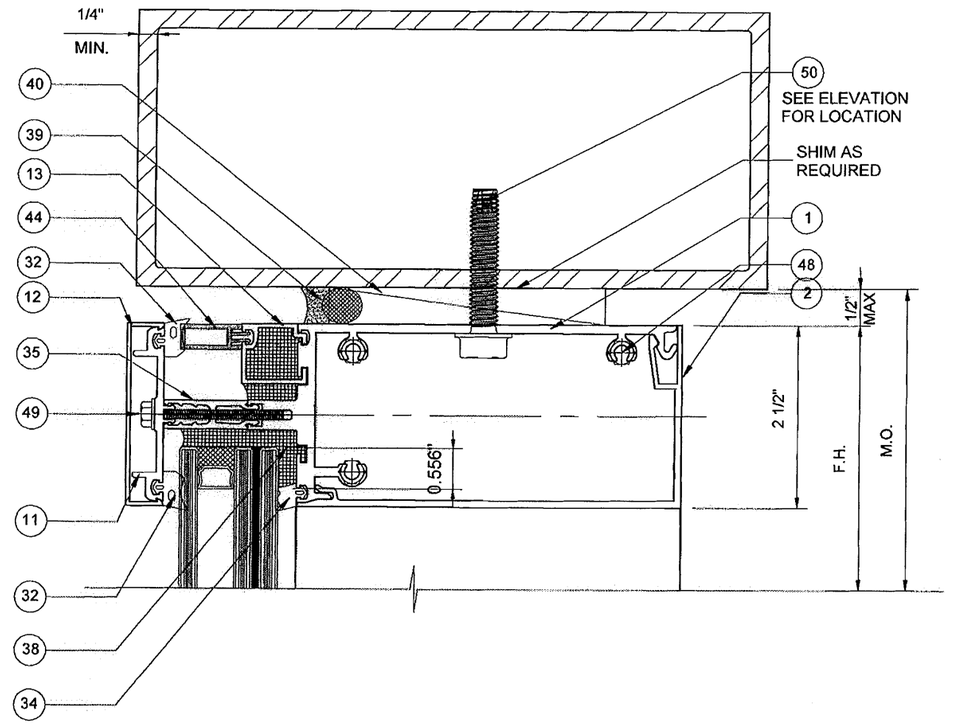
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 10A OF 17 |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | | |




03/10B OPTION Ⓐ - TO CONCRETE - W/OUT HEAD R. INSULATED LAMINATED




03/10B TO STEEL - W/ OUT HEAD R. W/ INSULATED LAMINATED

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27 2012
NOA# 12-0413.04
Miami Dade Product Control
By Manuel Perez

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|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
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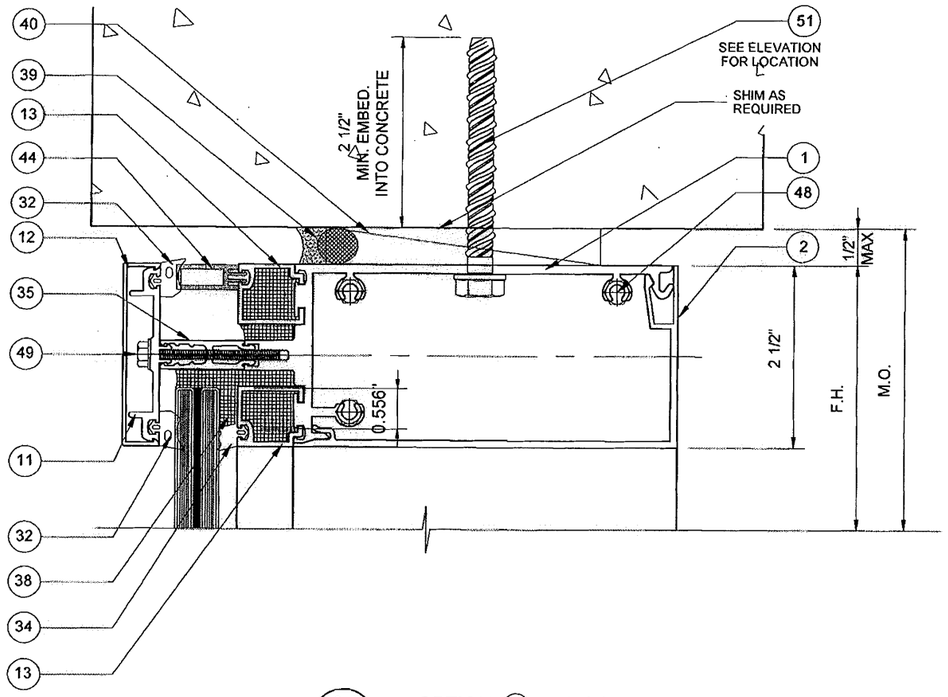
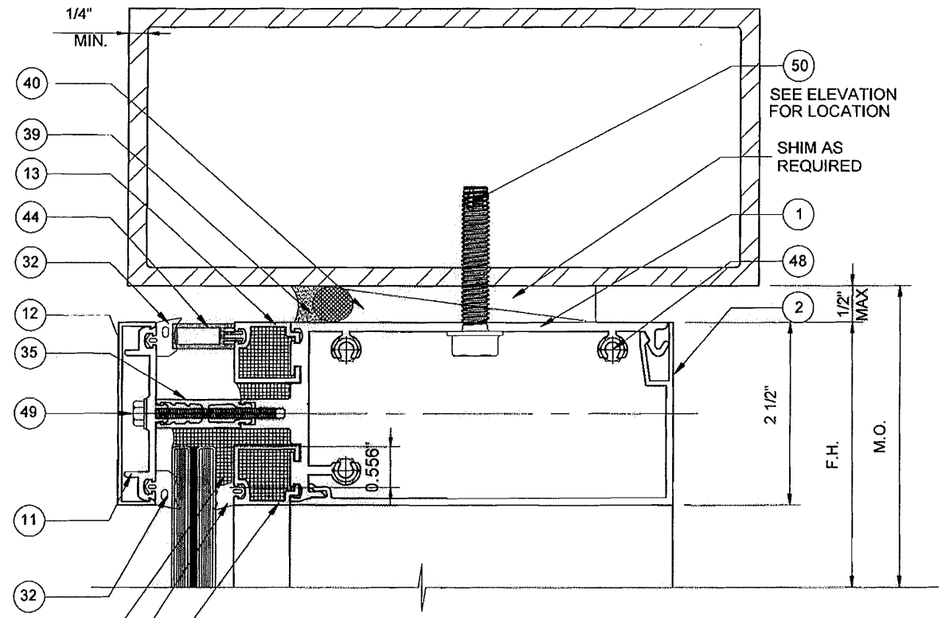
FAX (305)-638-5158




04 / 10C — OPTION (A) - TO CONCRETE - W/OUT HEAD R. LAMINATED GLASS




04 / 10C — TO STEEL - W/ OUT HEAD R. LAMINATED GLASS

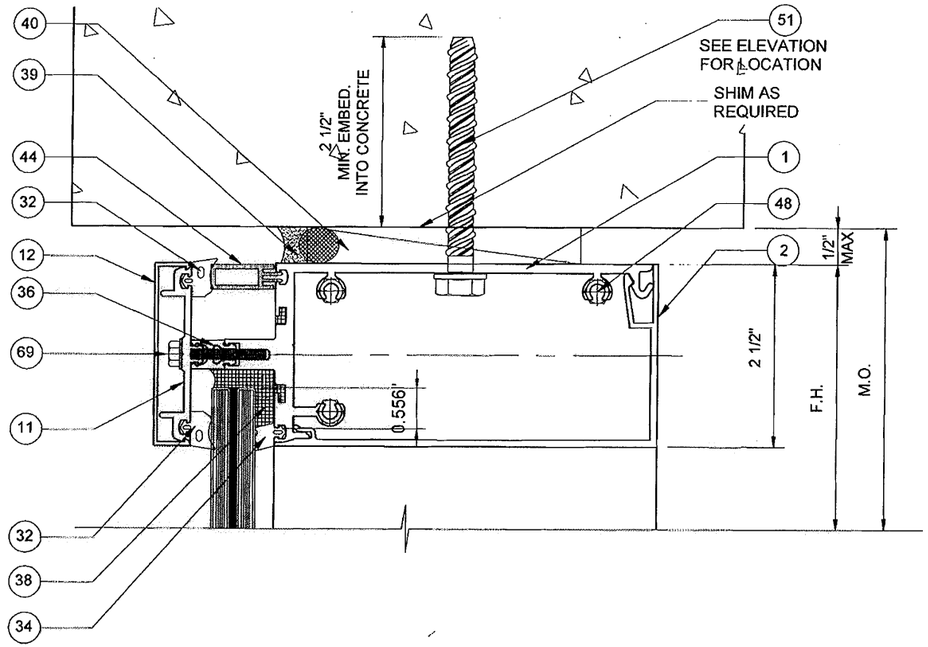
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

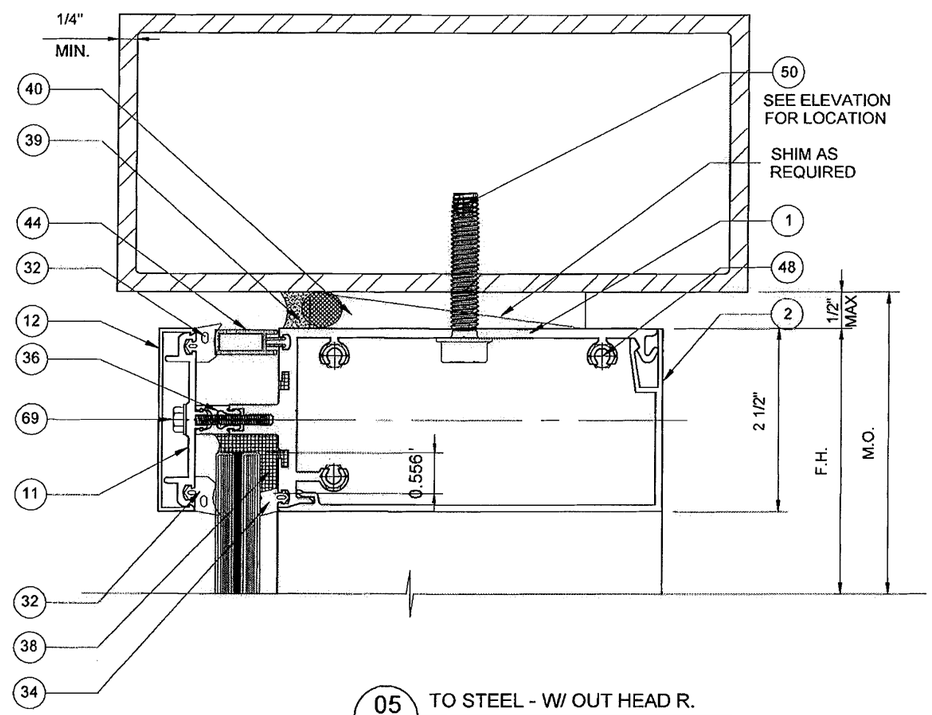
12-10-12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.09
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 10C OF 17 |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | | |




05 / 10D OPTION (A) - TO CONCRETE - W/OUT HEAD R. LAMINATED GLASS




05 / 10D TO STEEL - W/ OUT HEAD R. LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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12-10-12

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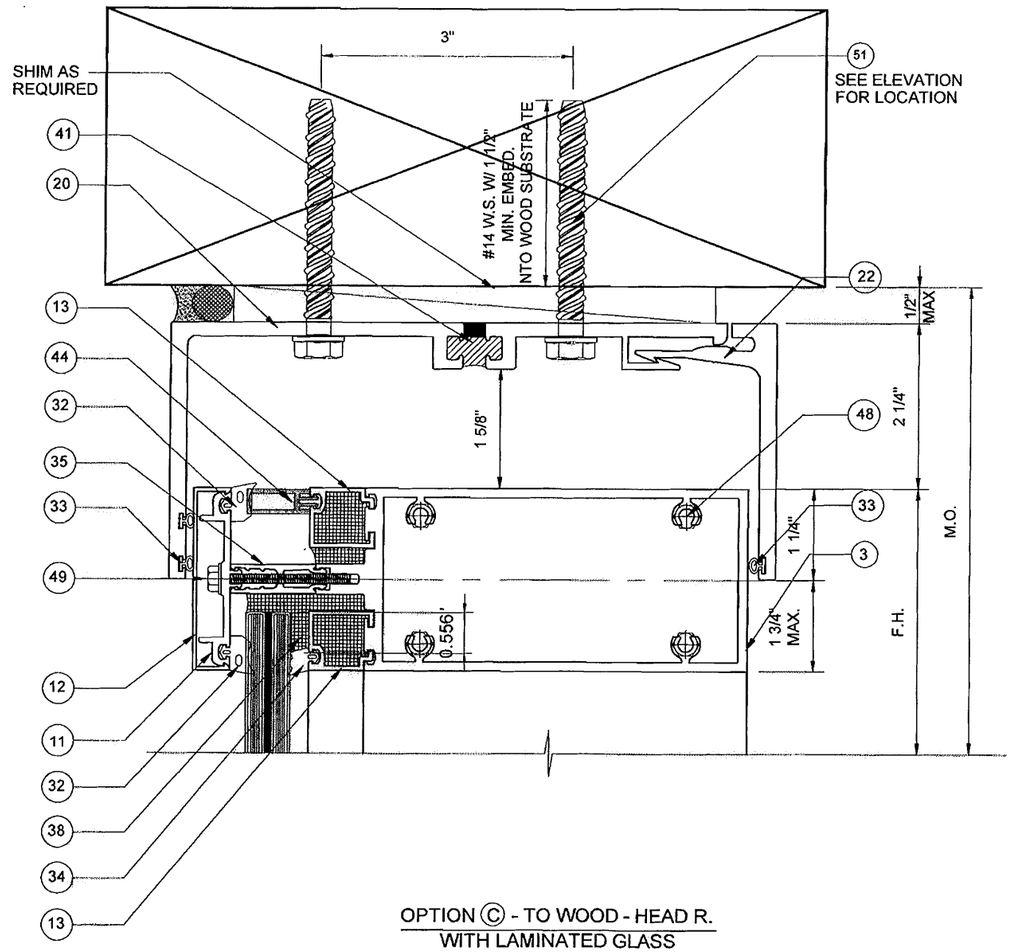
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 10D OF 17 |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | | |




OPTION Ⓒ - TO WOOD - HEAD R.
WITH LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

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Miami Dade Product Control
By Manuel Perez

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| ① GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| ② GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

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MIAMI, FLORIDA 33142
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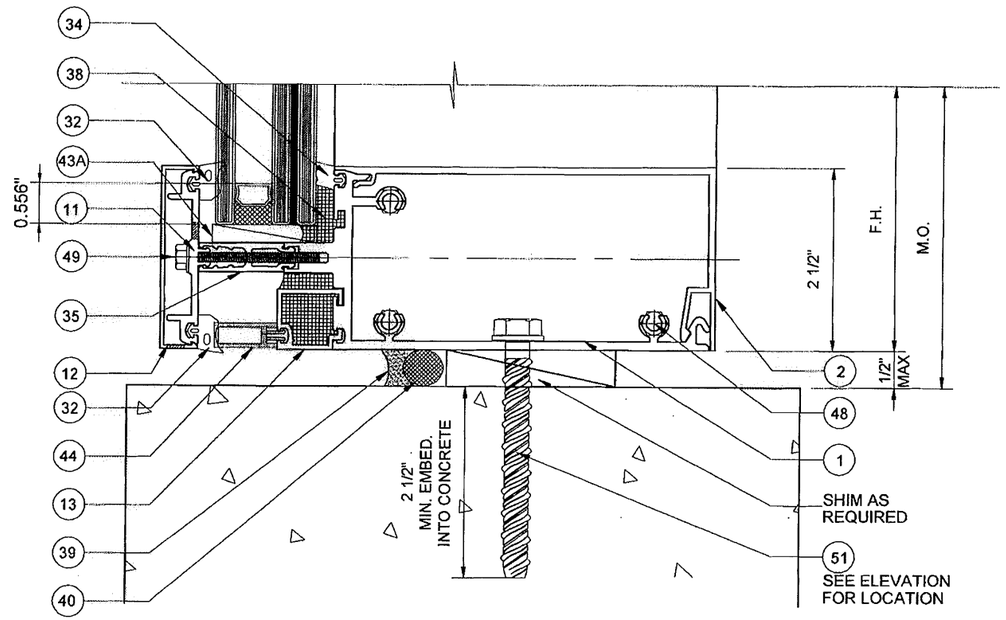
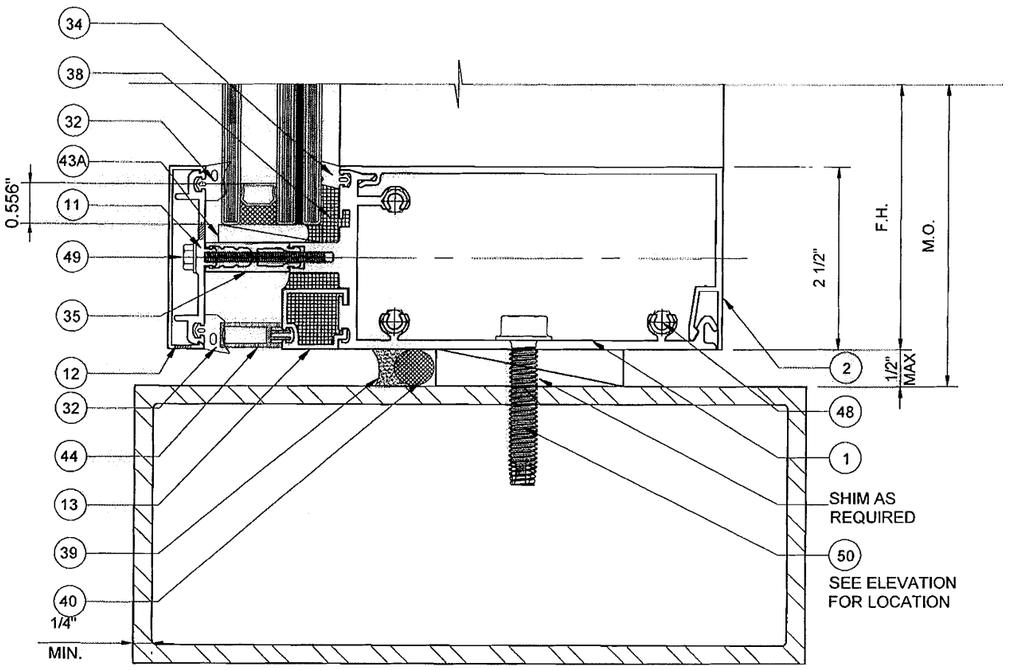
FAX (305)-638-5158




06/11 OPTION (A) - TO CONCRETE - SILL W/INSULATED LAMINATED GLASS




06/11 OPTION B TO STEEL - SILL WITH INSULATED LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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12.16.12

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Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250S | SCALE: 1:2 | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
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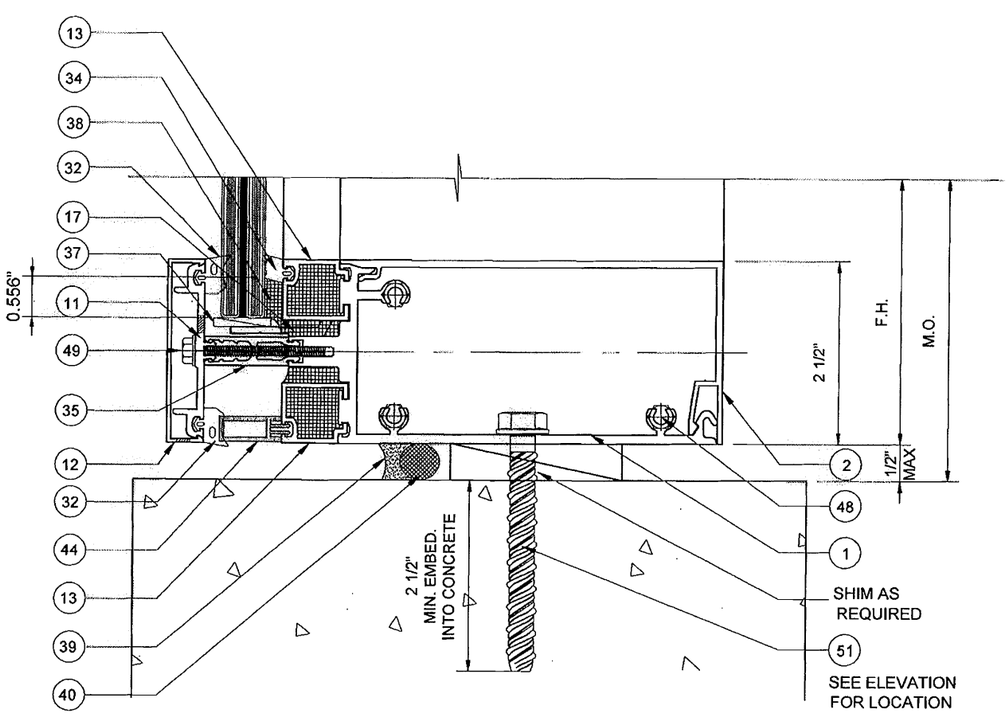
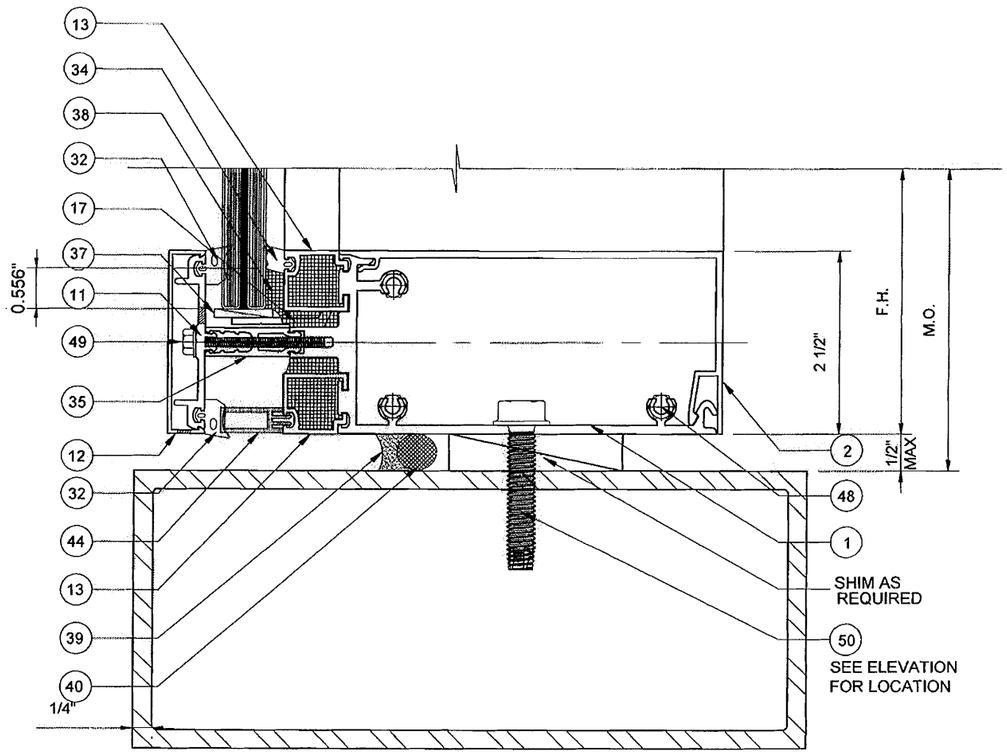



07 / 11A — OPTION (A) - TO CONCRETE - SILL WITH LAMINATED GLASS




OPTION B

07 / 11A — TO STEEL - SILL WITH LAMINATED GLASS

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1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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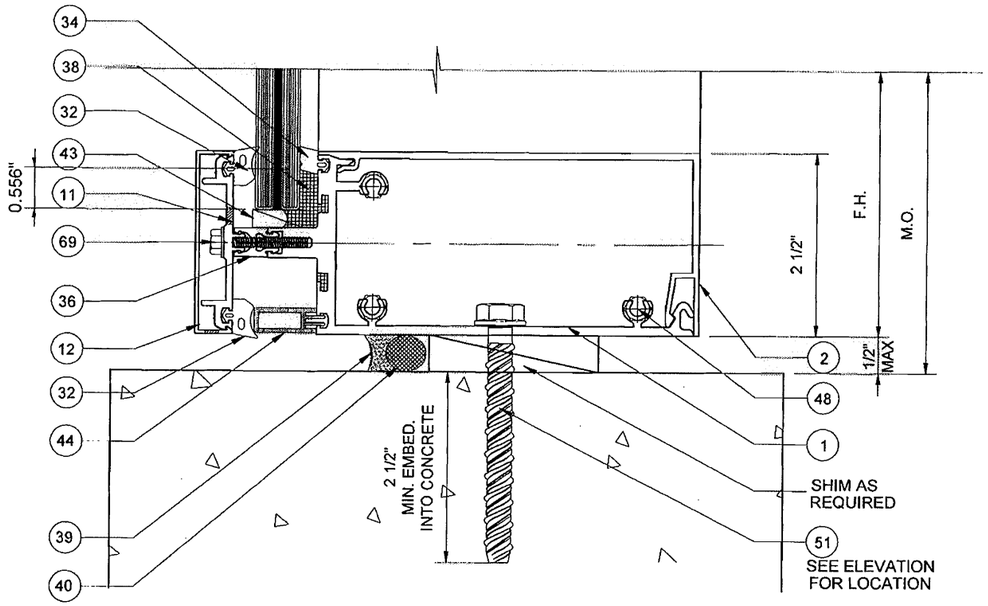
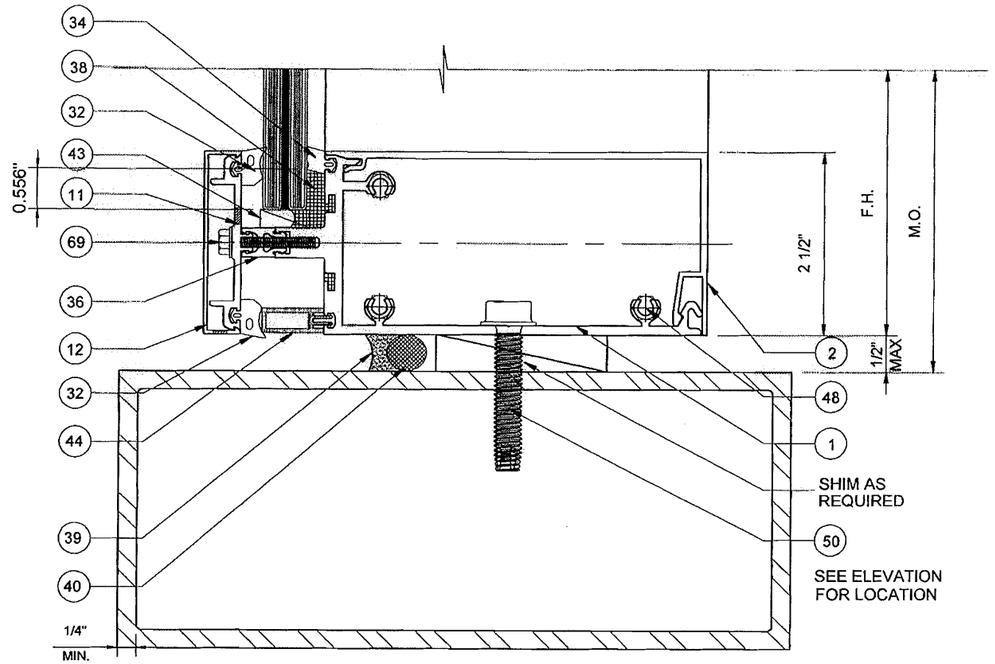
| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 11A OF 17 |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250S | SCALE: 1:2 | | |




08/11B OPTION (A) - TO CONCRETE - SILL WITH LAMINATED GLASS




08/11B TO STEEL - SILL WITH LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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Date Dec. 20 2012
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Miami Dade Product Control
By

12-16-12

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
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| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250S | SCALE: 1:2 | |

GLASSWALL
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MIAMI, FLORIDA 33142
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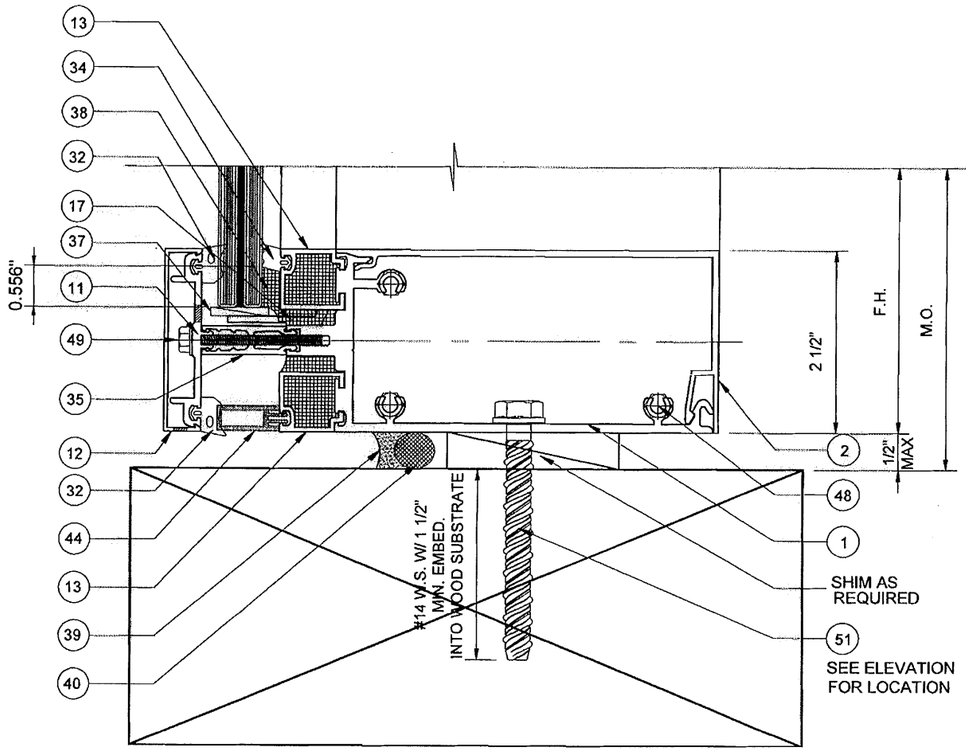


OPTION Ⓒ - TO WOOD -
SILL WITH LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

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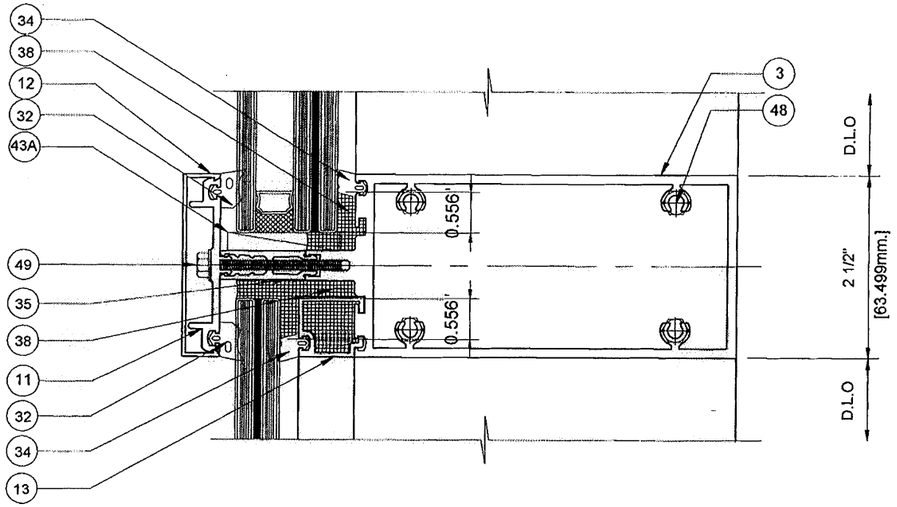
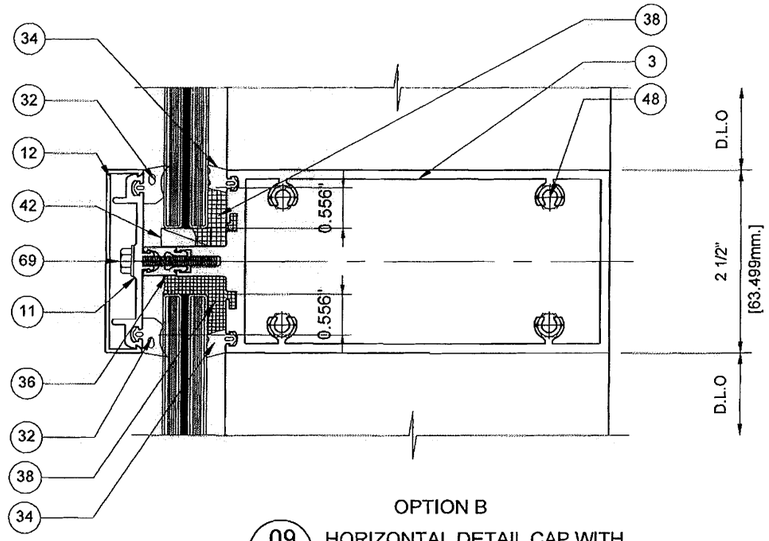
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 11C OF 17 |
|---|---|---|---|---|---|---|---|---|
| ① GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | |
| ② GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250S | SCALE: 1:2 | | |



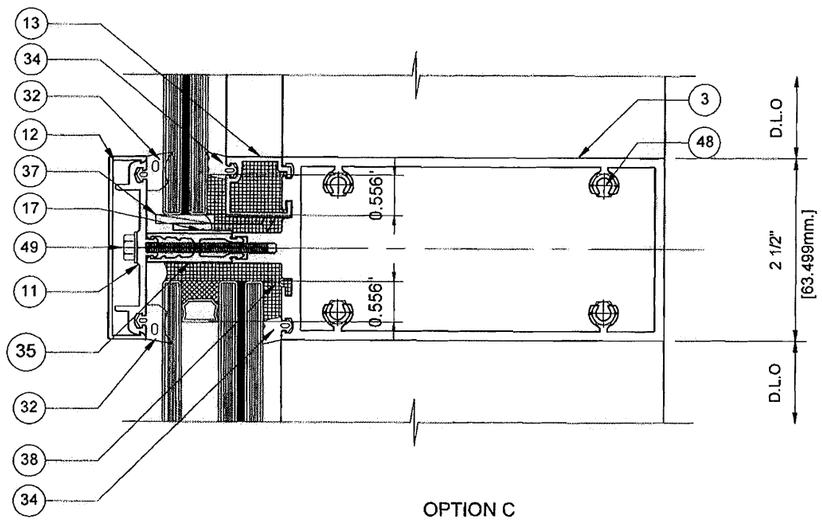

OPTION A

09/12 HORIZONTAL DETAIL CAP WITH INSULATED LAMINATED / LAMINATED GLASS




OPTION B

09/12 HORIZONTAL DETAIL CAP WITH LAMINATED GLASS




OPTION C

09/12 HORIZONTAL DETAIL CAP WITH LAMINATED / INSULATED LAMINATED GLASS

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Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
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12-16-12

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By Yaimel Ferrer

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GLASSWALL
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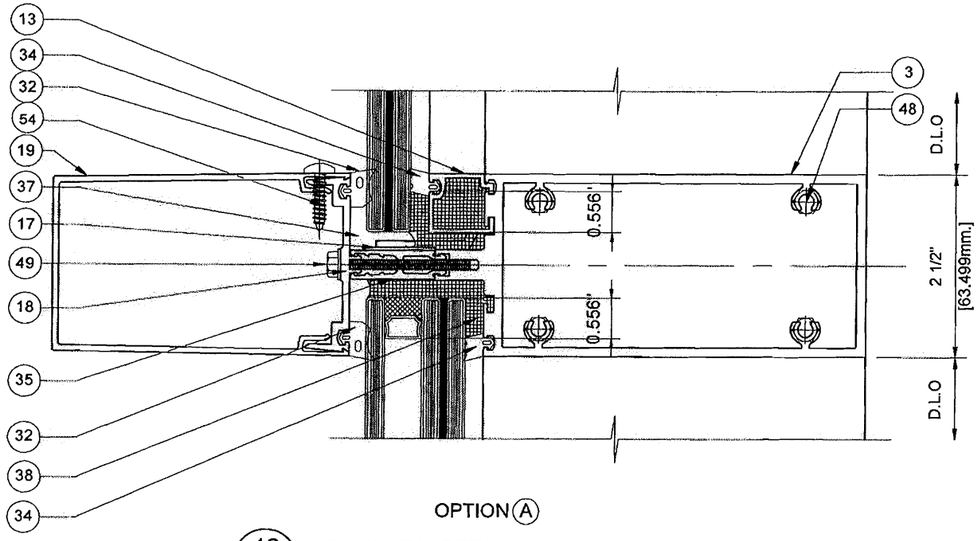
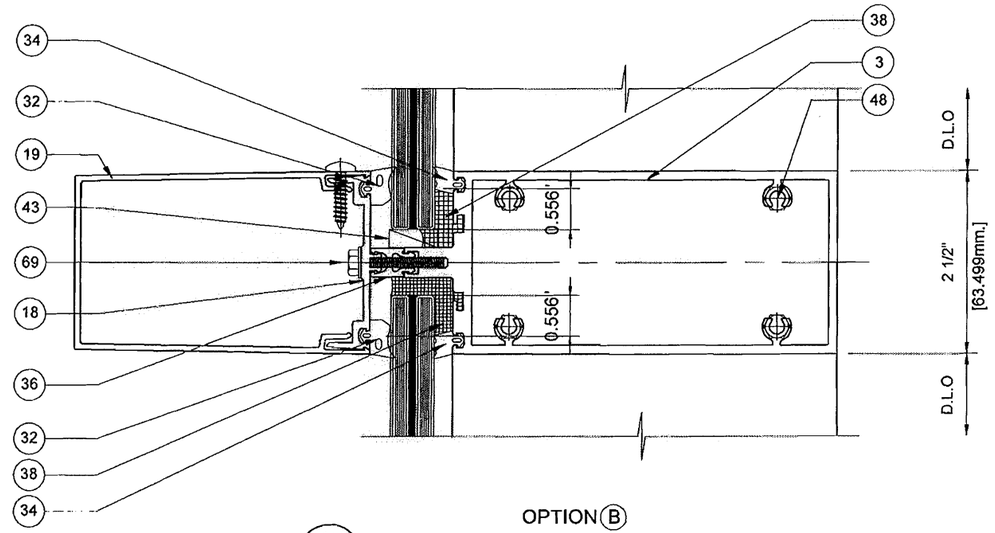



OPTION (A)

12 / 12A HORIZONTAL DETAIL EXTENDED CAP WITH LAMINATED / INSULATED LAMINATED GLASS




OPTION (B)

12 / 12A HORIZONTAL DETAIL EXTENDED CAP WITH LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
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Date Dec. 27, 2012
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Miami Dade Product Control
By Manuel Perez

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
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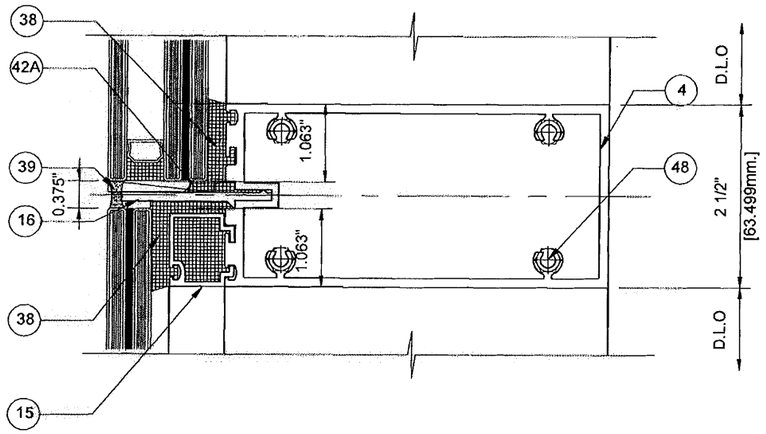
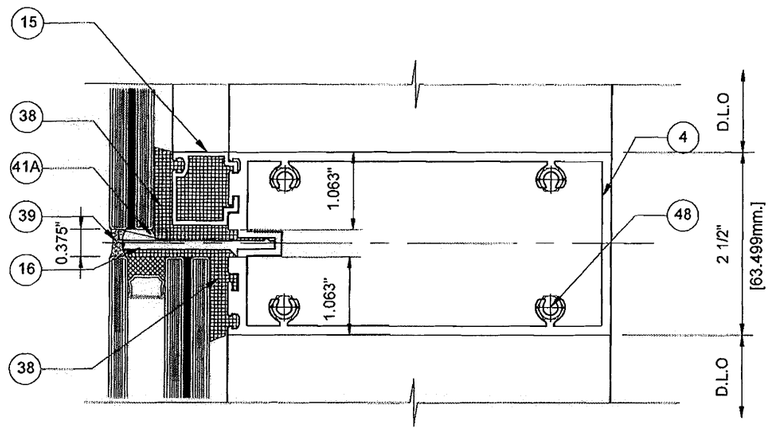


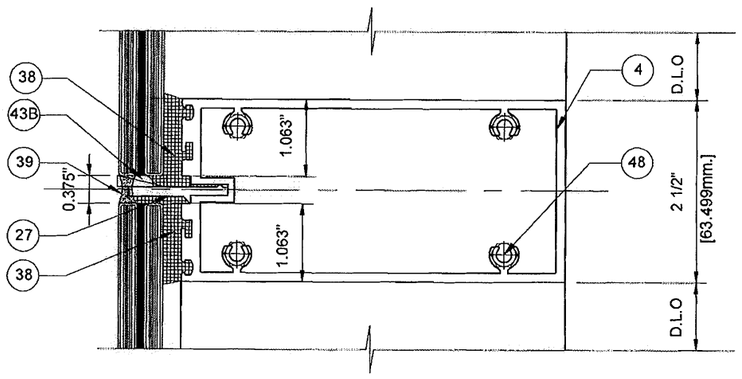

OPTION Ⓐ

14/12B HORIZONTAL DETAIL GLAZED WITH INSULATED LAMINATED / LAMINATED GLASS



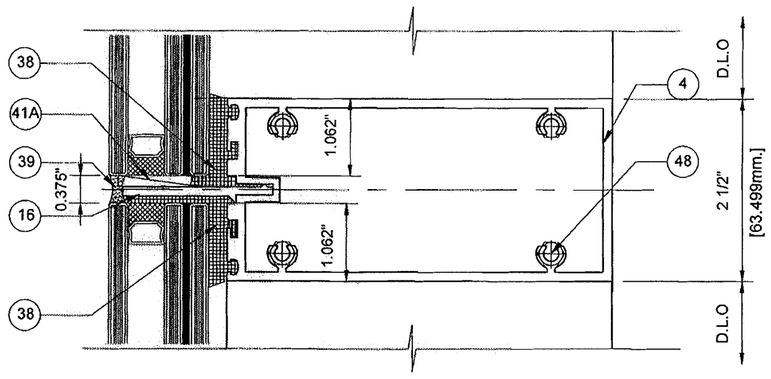

OPTION Ⓑ

14/12B HORIZONTAL DETAIL GLAZED WITH LAMINATED / INSULATED LAMINATED GLASS




OPTION Ⓒ

14/12B HORIZONTAL DETAIL GLAZED WITH LAMINATED GLASS




OPTION Ⓓ

14/12B HORIZONTAL DETAIL GLAZED WITH INSULATED LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

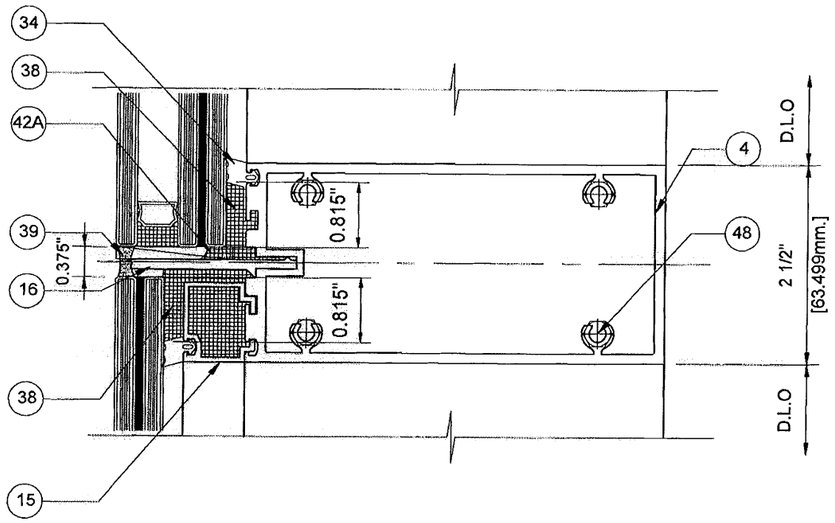
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.01
Miami Dade Product Control
By Yeimel Ferrer

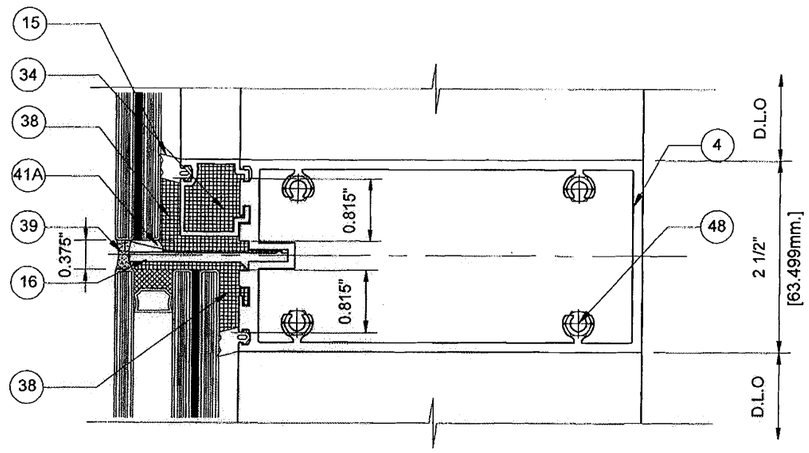
| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



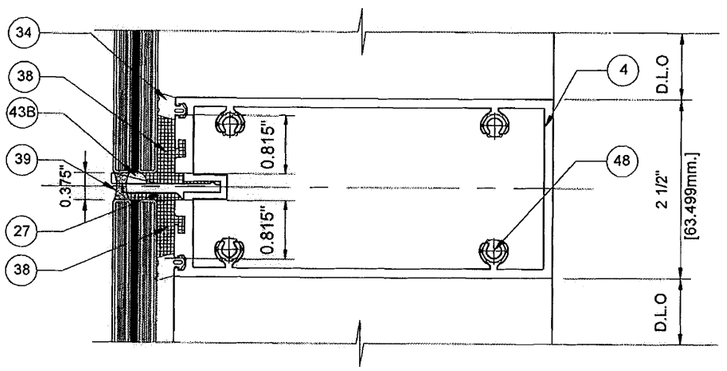

OPTION Ⓐ

14 / 12C HORIZONTAL DETAIL GLAZED WITH INSULATED LAMINATED / LAMINATED GLASS



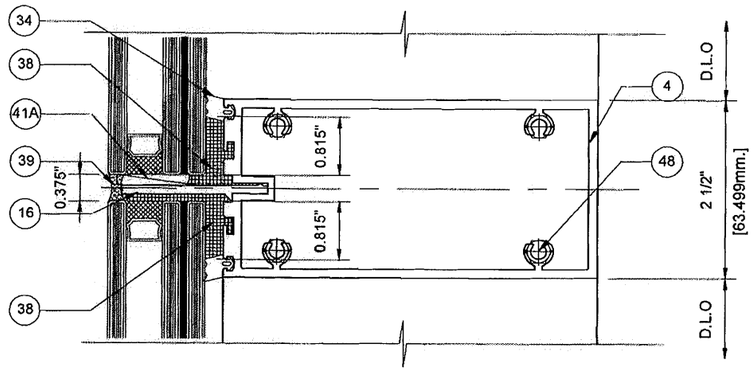

OPTION Ⓑ

14 / 12C HORIZONTAL DETAIL GLAZED WITH LAMINATED / INSULATED LAMINATED GLASS




OPTION Ⓒ

14 / 12C HORIZONTAL DETAIL GLAZED WITH LAMINATED GLASS




OPTION Ⓓ

14 / 12C HORIZONTAL DETAIL GLAZED WITH INSULATED LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

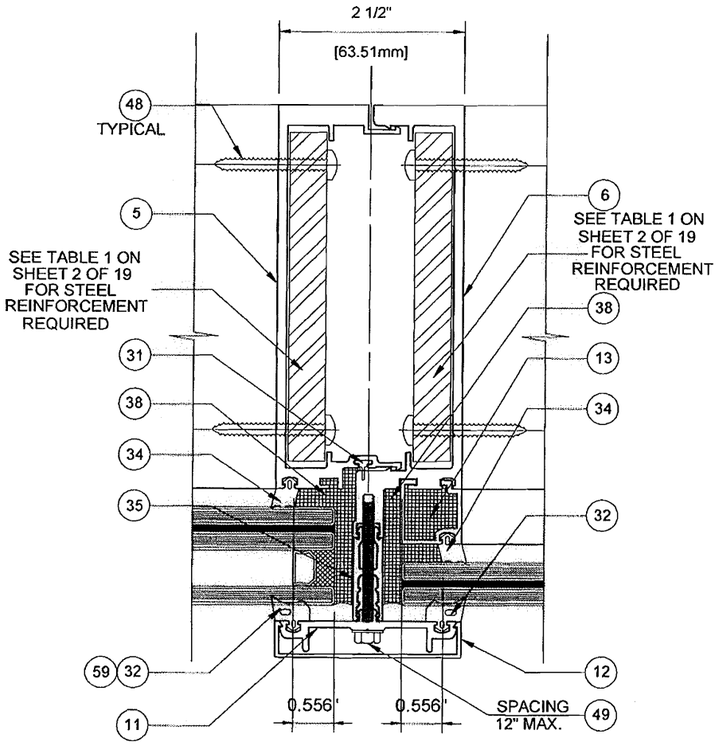
Approved as complying with the Florida Building Code
Date Dec 27 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: |
|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 |
| 3 GENERAL REVIEW PER COMMENTS | 12/13/2012 |

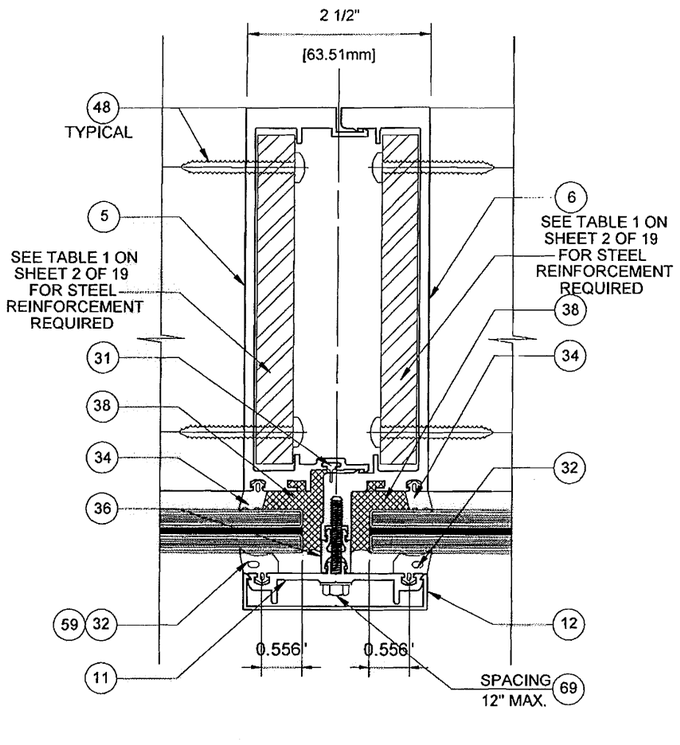
PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE

DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2

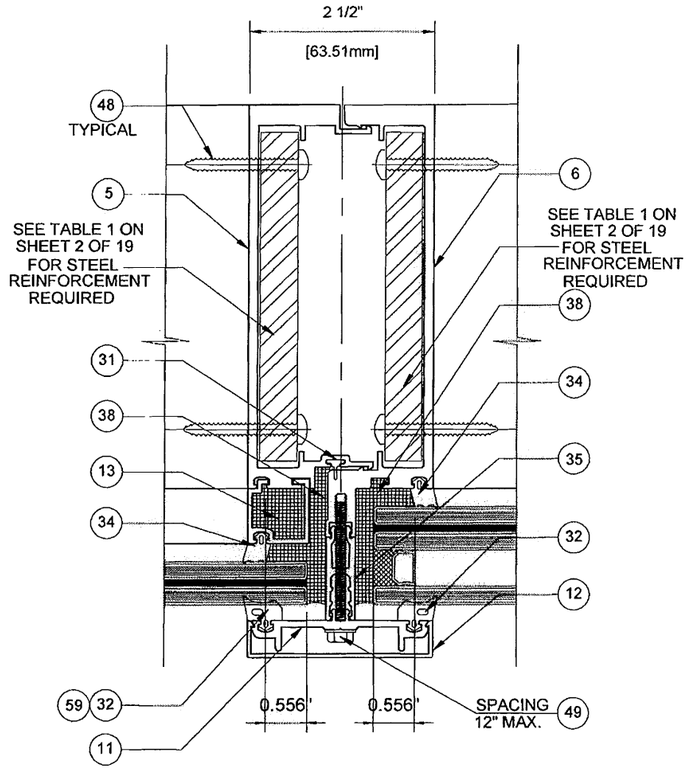
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




15/13 VERTICAL DETAIL WITH INSULATED LAMINATED / LAMINATED GLASS




OPTION (A)
15/13 VERTICAL DETAIL WITH LAMINATED GLASS




16/13 VERTICAL DETAIL WITH LAMINATED / INSULATED LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

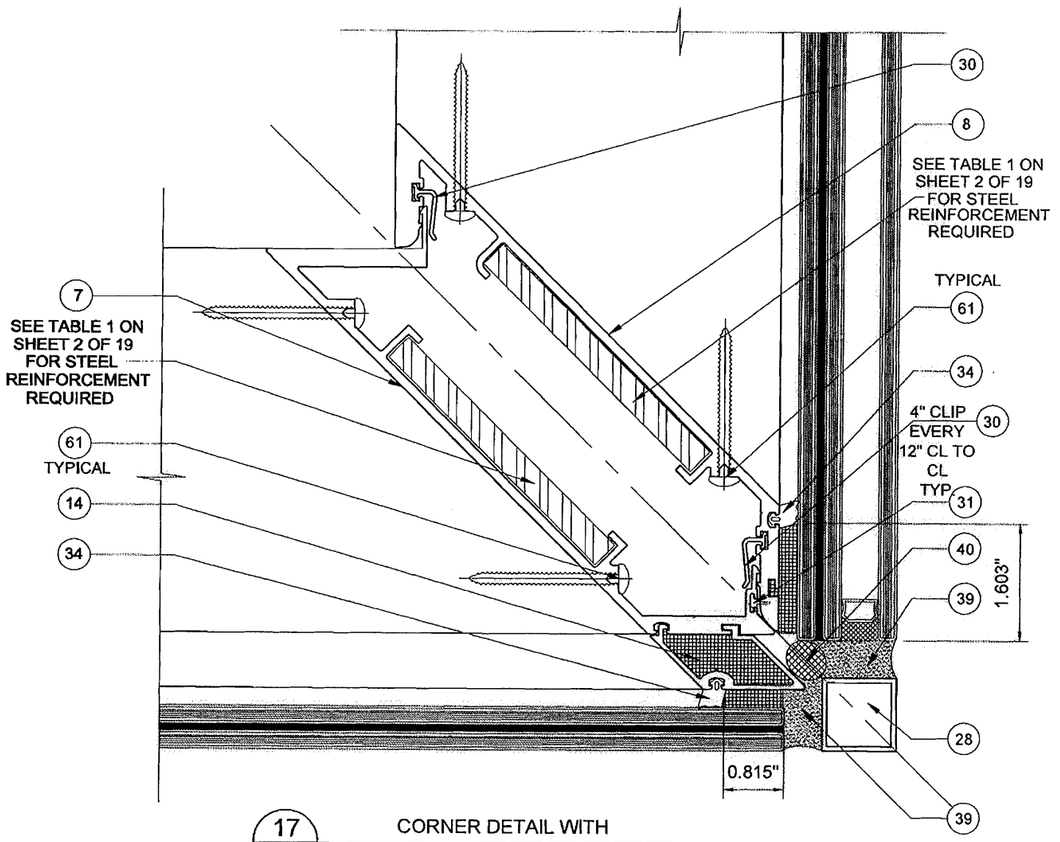
Approved as complying with the Florida Baiding Code
Date Dec. 21, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: |
|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 |
| 3 GENERAL REVIEW PER COMMENTS | 12/13/2012 |

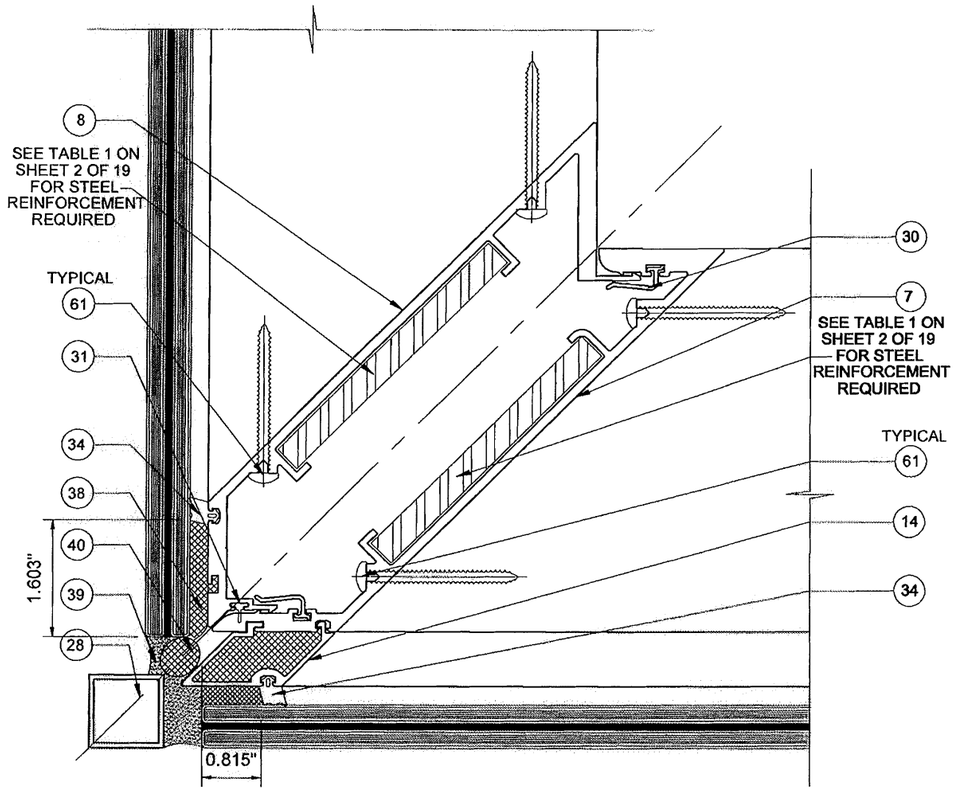
PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE

DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2

GLASSWALL
3550 N.W.49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




17 / 13A CORNER DETAIL WITH LAMINATED / INSULATED LAMINATED GLASS




18 / 13A CORNER DETAIL WITH LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

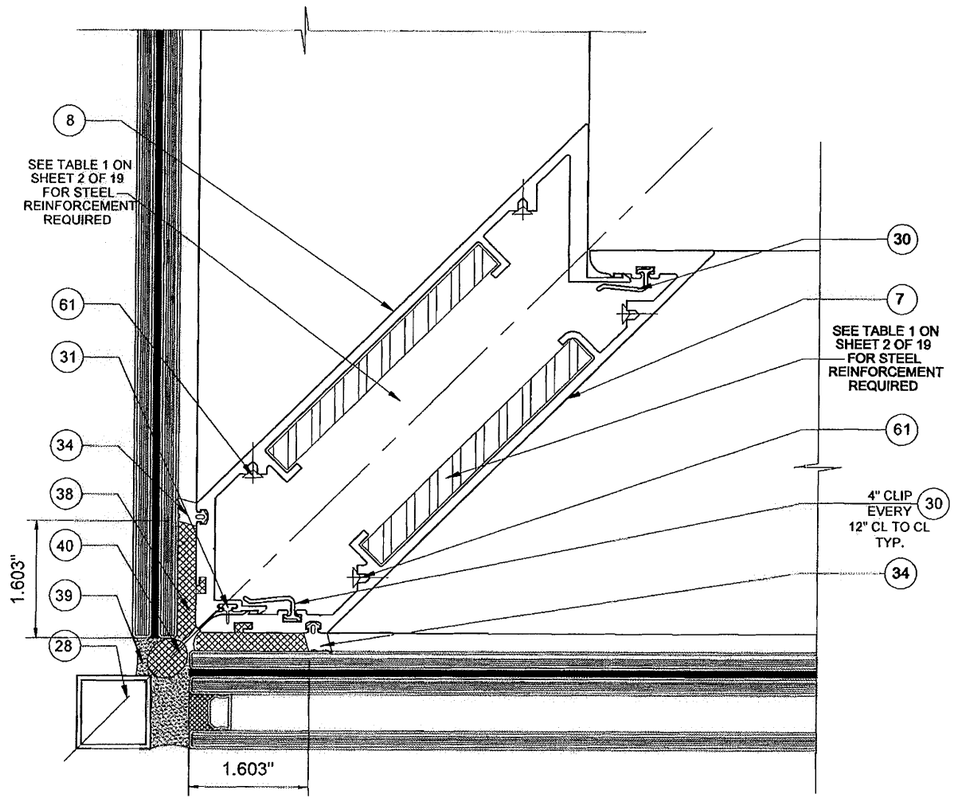
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

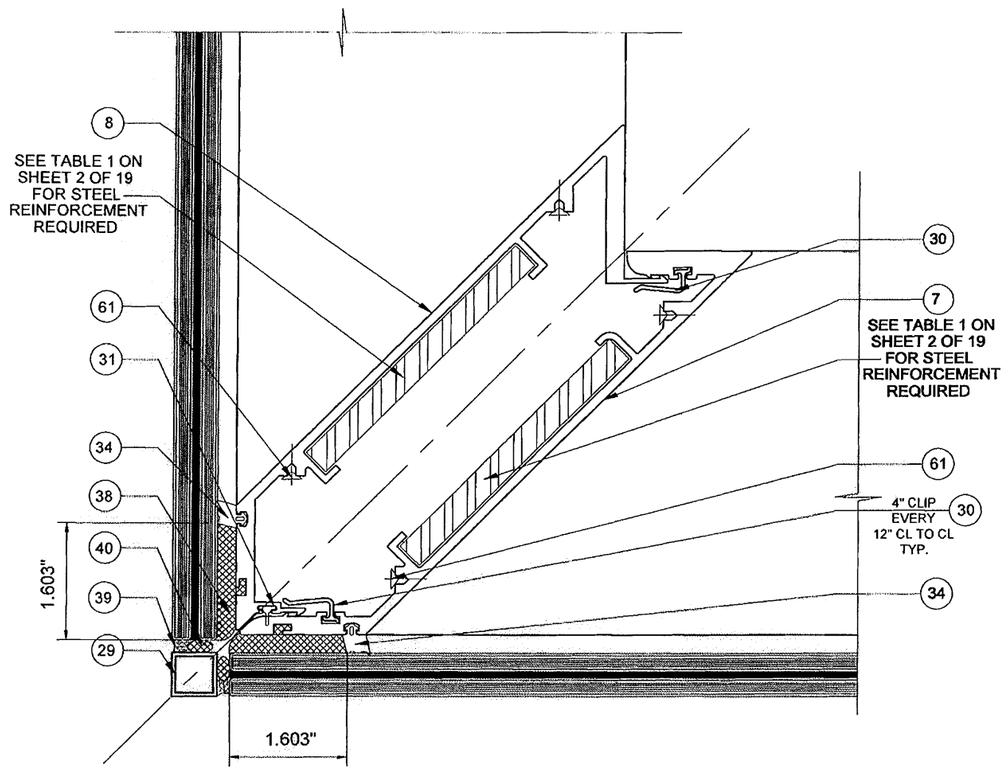
Approved as complying with the Florida Buiding Code
Date Dec. 27, 2012
NOA# 12-0413.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




19/13B CORNER DETAIL WITH LAMINATED / INSULATED LAMINATED GLASS




OPTION (A)

19/13B CORNER DETAIL WITH LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

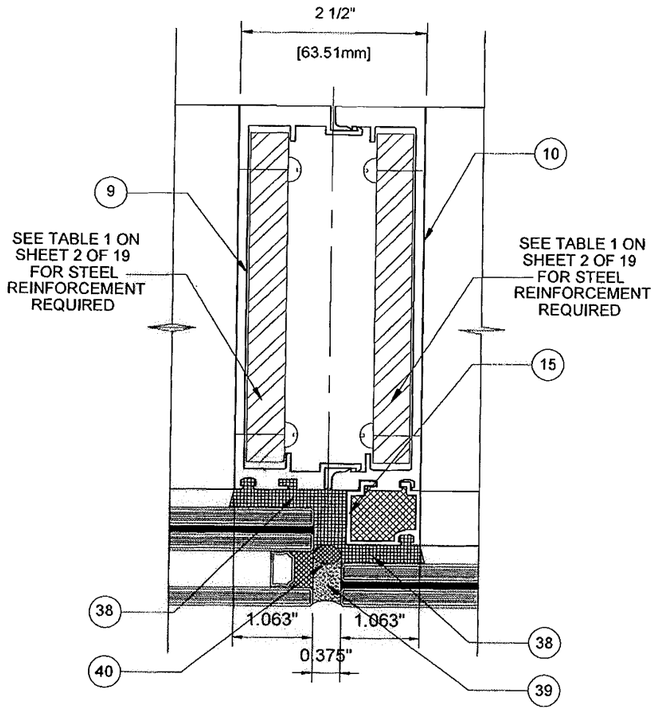
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

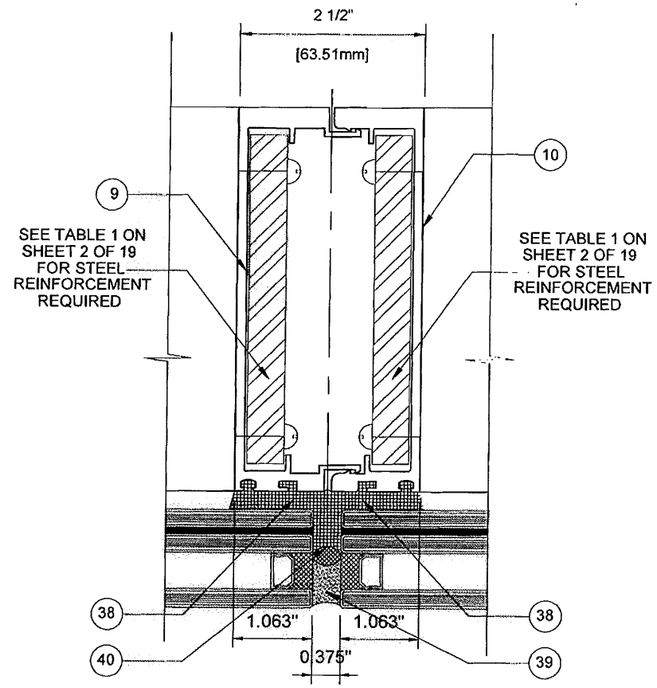
Approved as complying with the Florida Building Code
Date Dec. 29, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

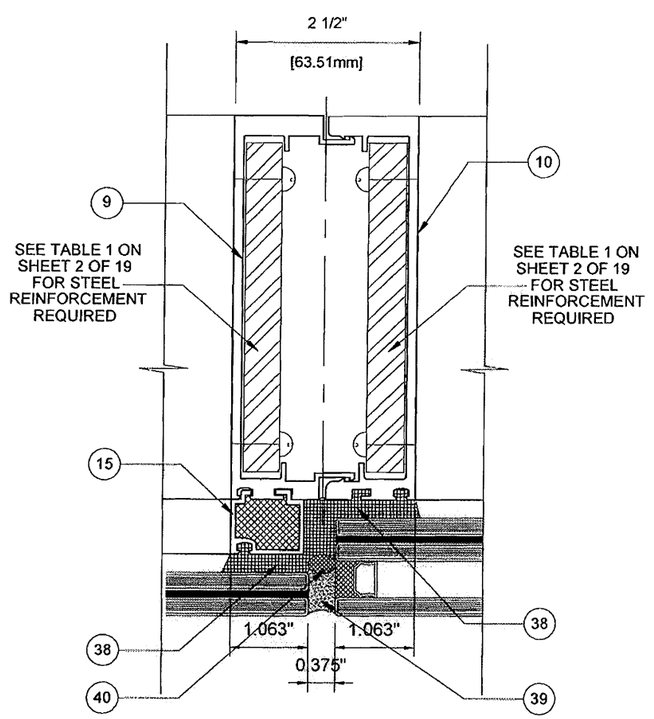
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




20/13C VERTICAL DETAIL WITH INSULATED LAMINATED / LAMINATED GLASS




21/13C VERTICAL DETAIL WITH INSULATED LAMINATED GLASS




22/13C VERTICAL DETAIL WITH LAMINATED / INSULATED LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

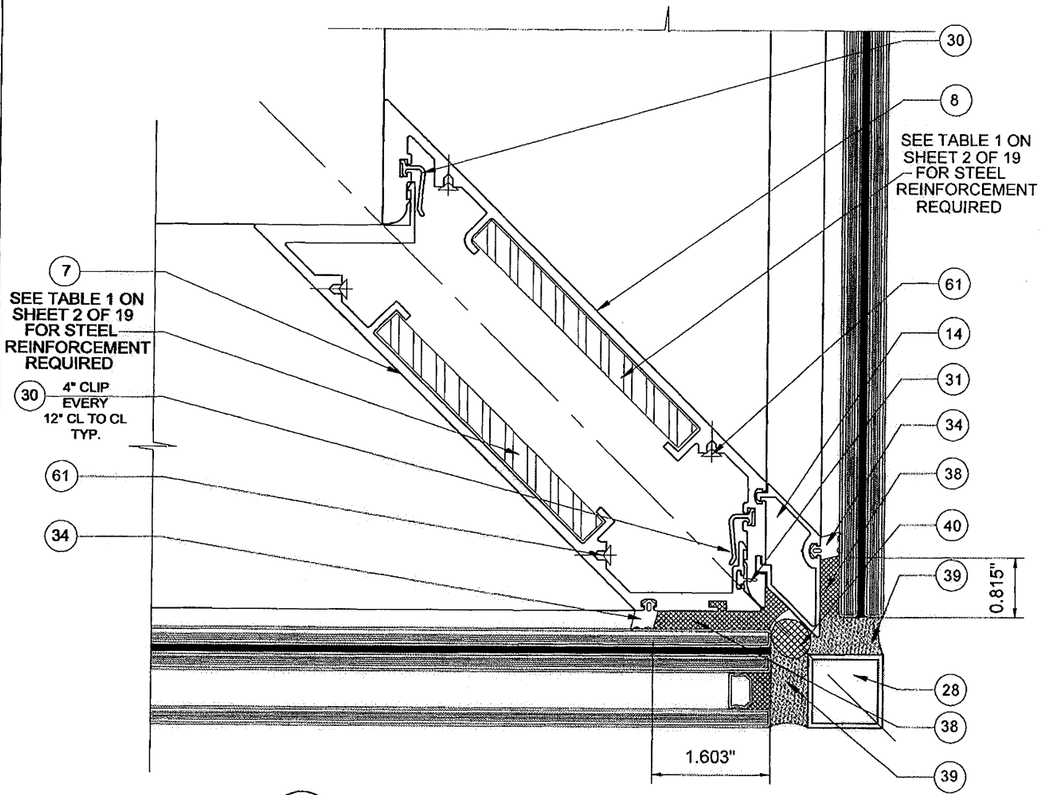
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-10-12

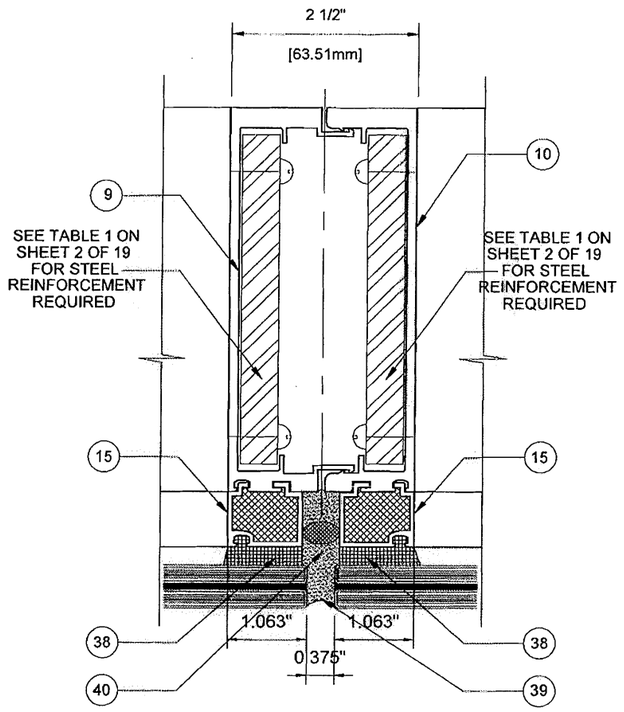
Approved as complying with the Florida Buiding Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

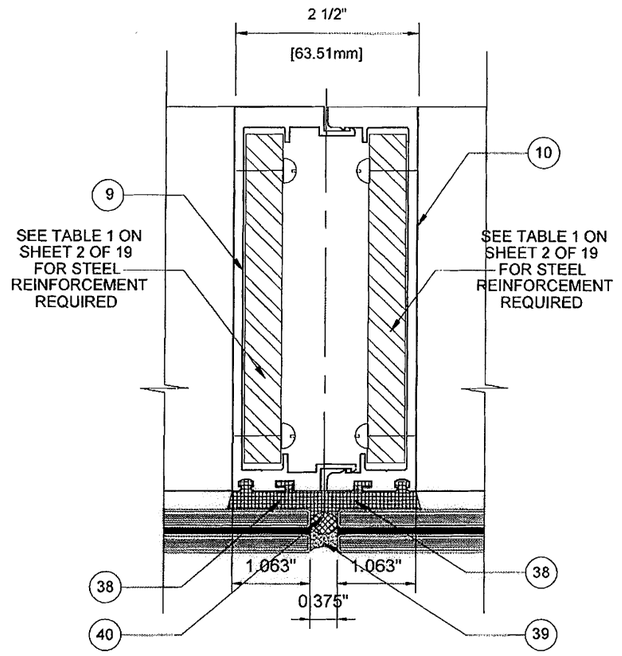
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




23/13D CORNER DETAIL WITH INSULATED LAMINATED / LAMINATED GLASS




24/13D VERTICAL DETAIL WITH LAMINATED GLASS




25/13D VERTICAL DETAIL WITHOUT ADAPTER WITH LAMINATED GLASS

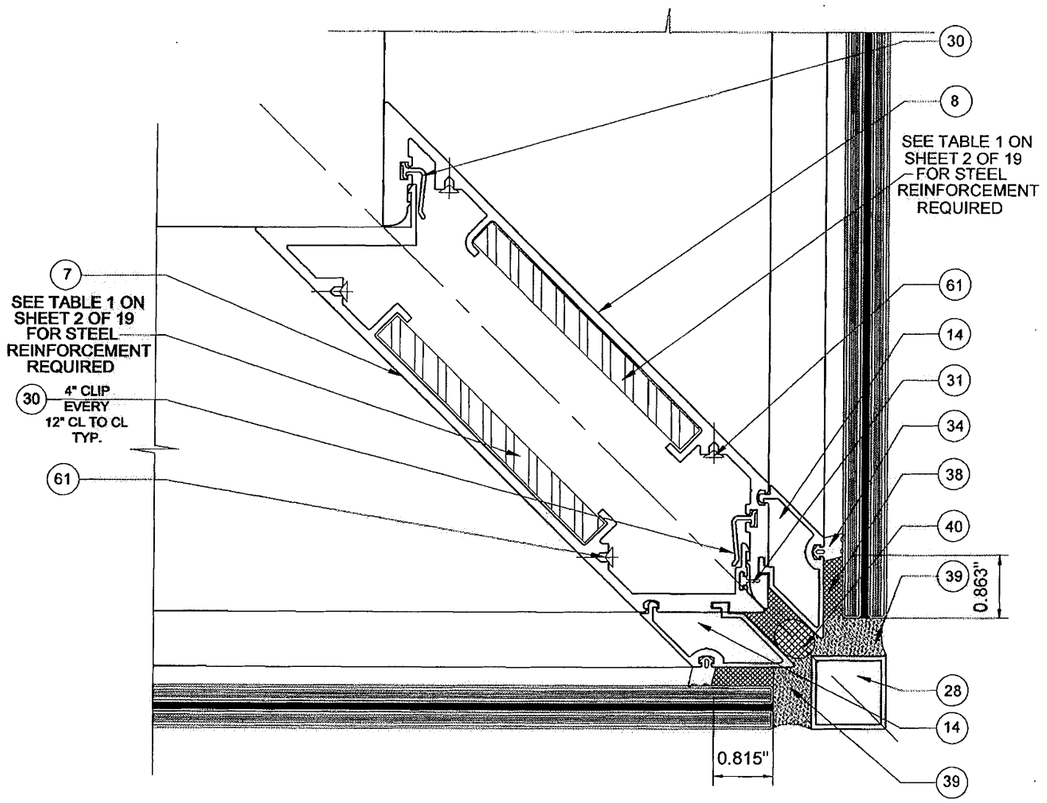
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-10-12

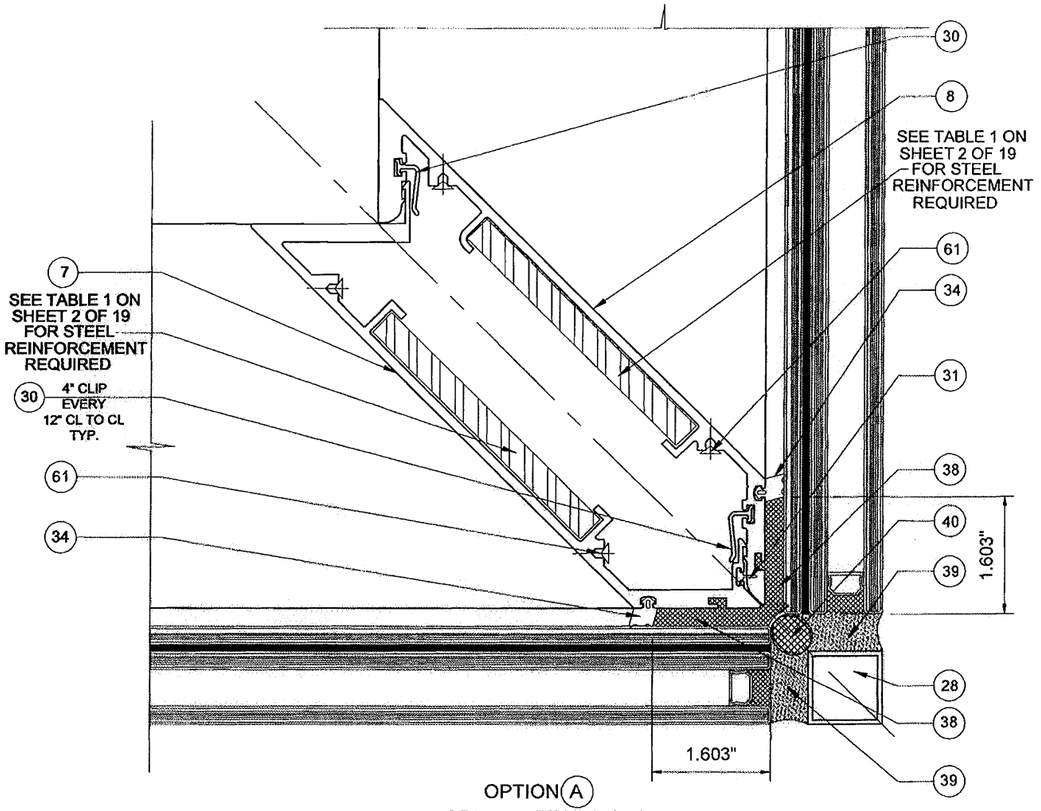
Approved as complying with the Florida Building Code
Date Dec. 17, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




25A / 13E CORNER DETAIL WITH LAMINATED GLASS




OPTION (A) CORNER DETAIL WITH INSULATED LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

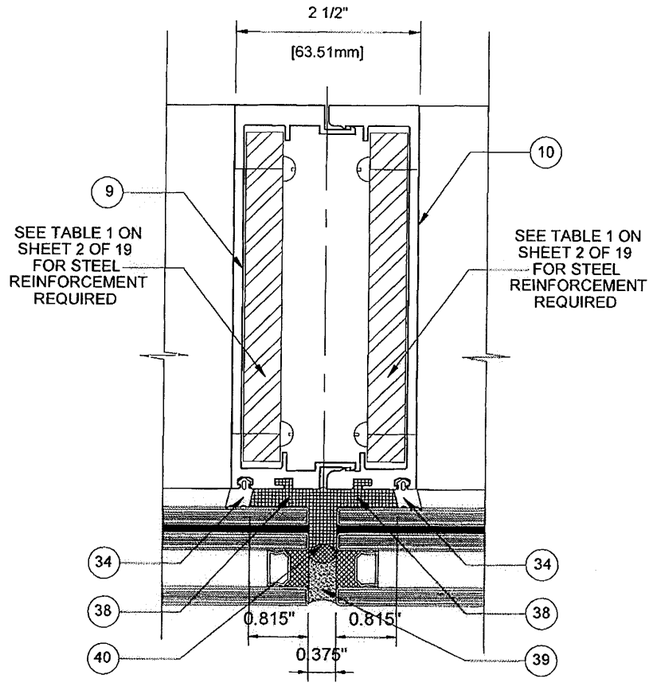
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

Approved as complying with the Florida Building Code
Date Dec. 21, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

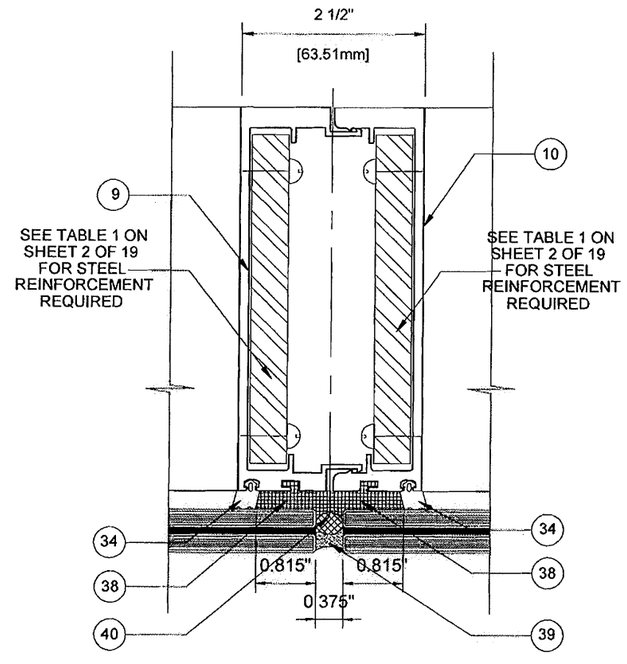
| COMMENTS: | DATE: | PRODUCT NAME: | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




OPTION (A)

25B / 13F VERTICAL DETAIL WITH INSULATED LAMINATED GLASS




OPTION (B)

25B / 13F VERTICAL DETAIL WITHOUT ADAPTER WITH LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

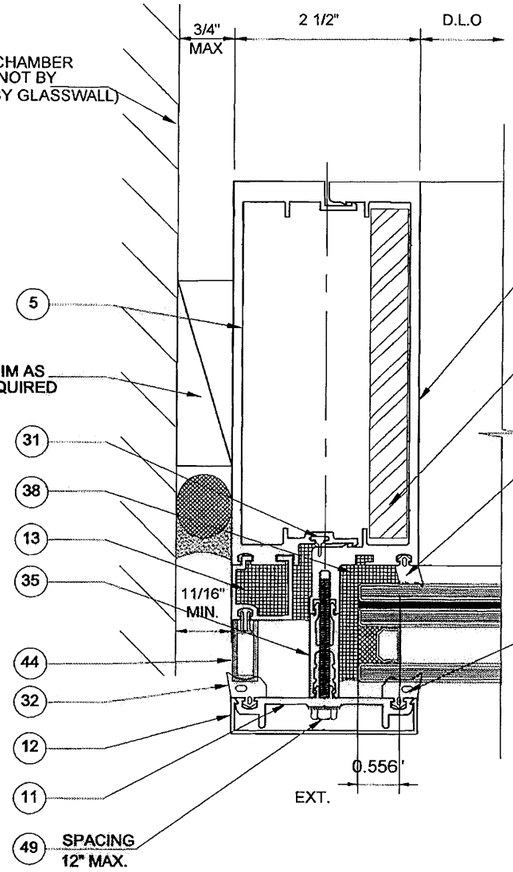
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

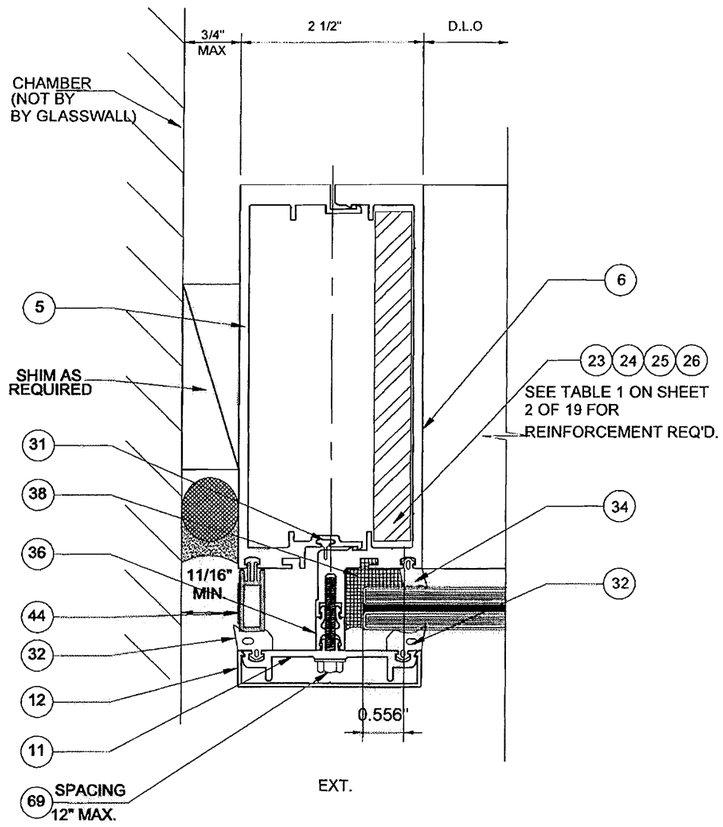
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

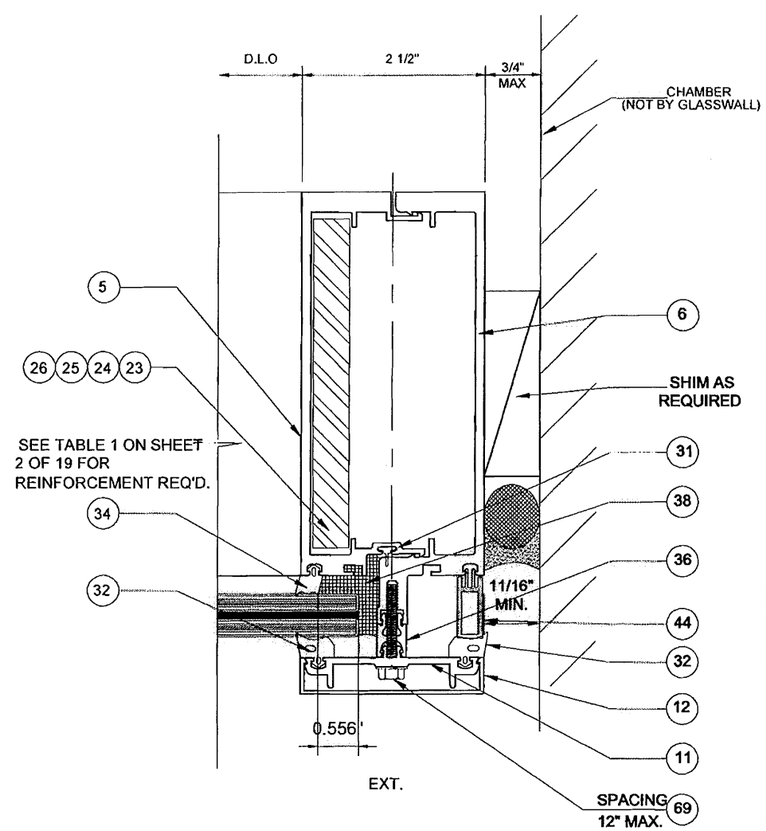
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




26/14 LEFT HAND JAMB WITH INSULATED LAMINATED GLASS




OPTION (A)
26/14 LEFT HAND JAMB WITH LAMINATED GLASS




OPTION (B)
26/14 RIGHT HAND JAMB WITH LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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12-16-12

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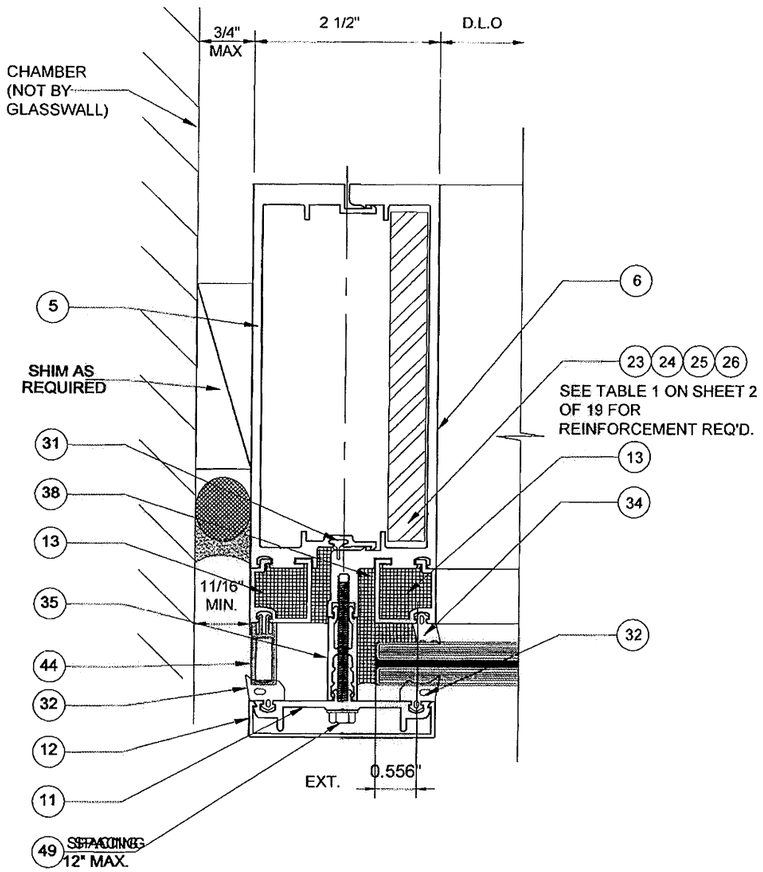
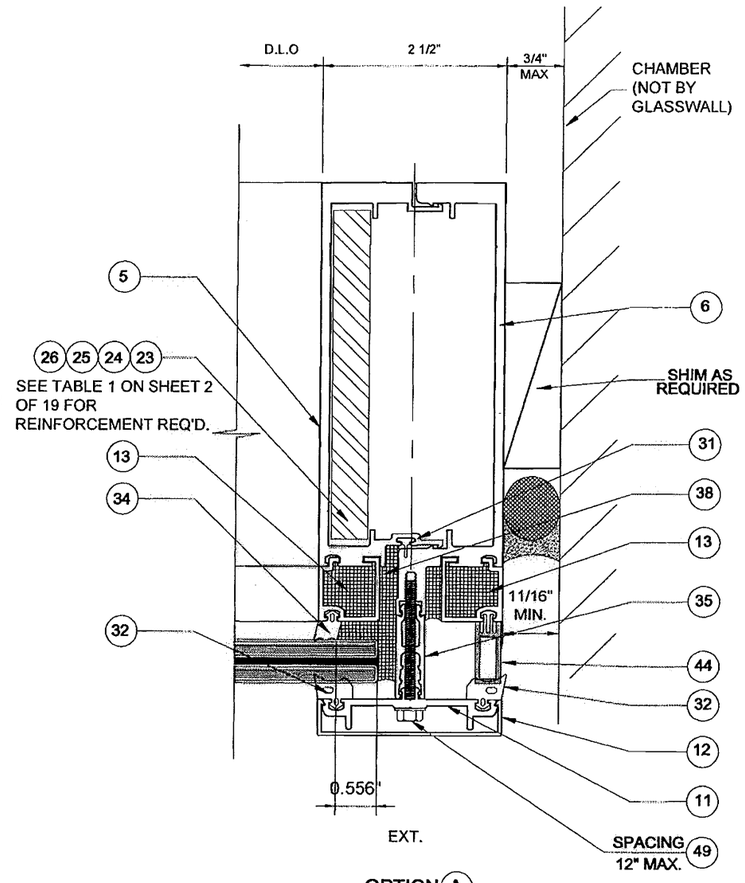
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 14 OF 17 |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO: WW5250L | SCALE: 1:2 | | |

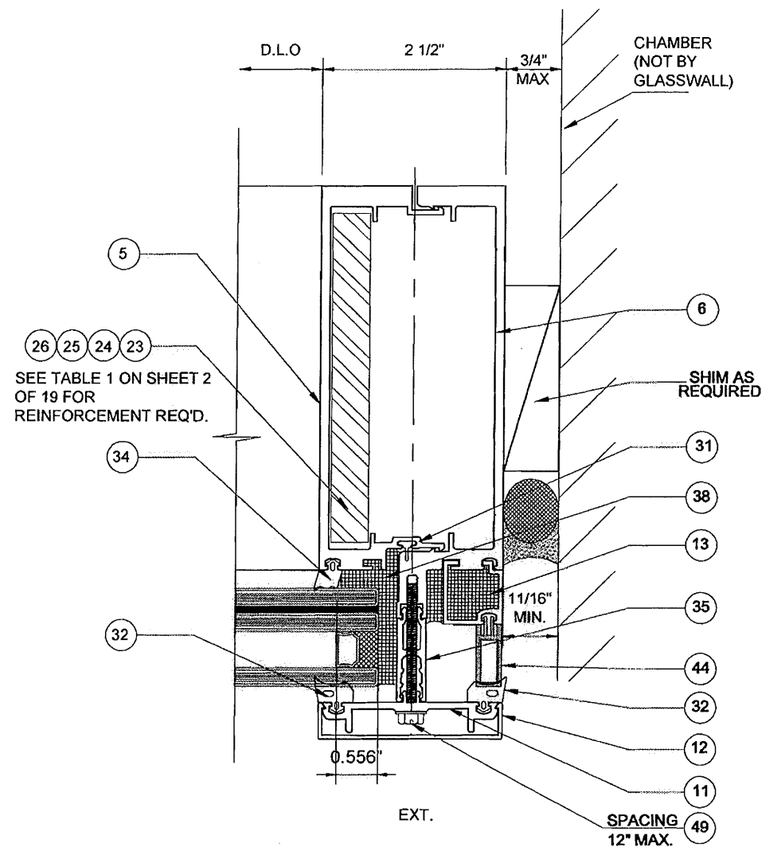



27 / 14A LEFT HAND JAMB WITH LAMINATED GLASS




OPTION (A)

27 / 14A RIGHT HAND JAMB WITH LAMINATED GLASS




28 / 14A RIGHT HAND JAMB WITH INSULATED LAMINATED GLASS

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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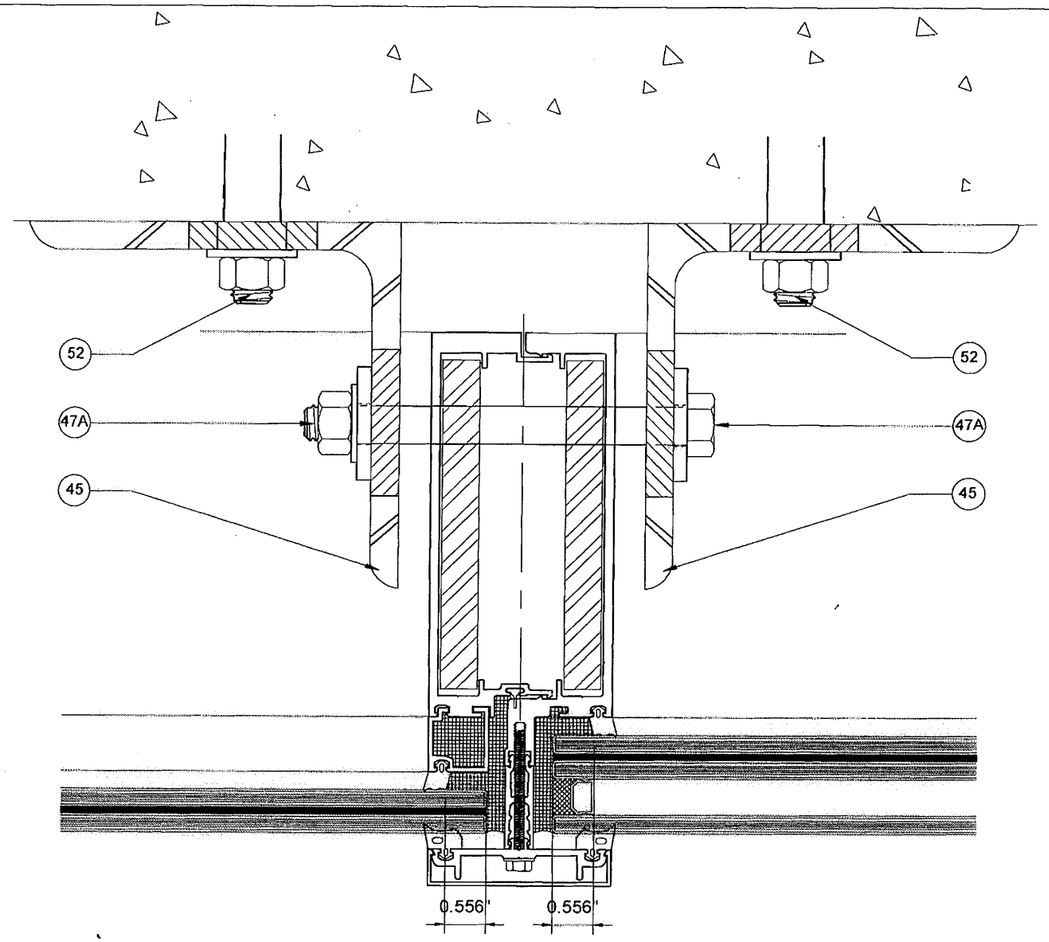
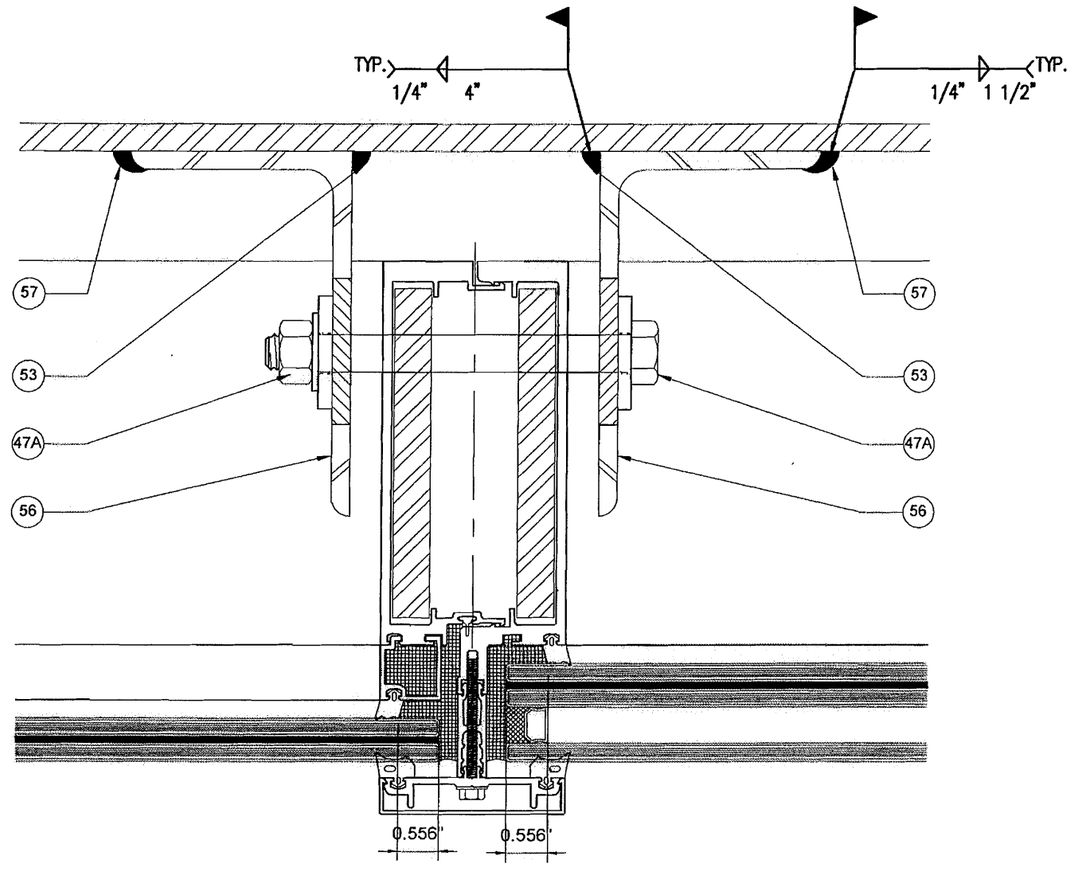
12-16-12

Approved as complying with the Florida Buiding Code
Date Dec. 21, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 14A OF 17 |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO: WW5250L | SCALE: 1:2 | | |




29/15 TO CONCRETE - TYPICAL ANCHOR PLAN VIEW




29/15 OPTION (A) - TO STEEL - TYPICAL ANCHOR PLAN VIEW

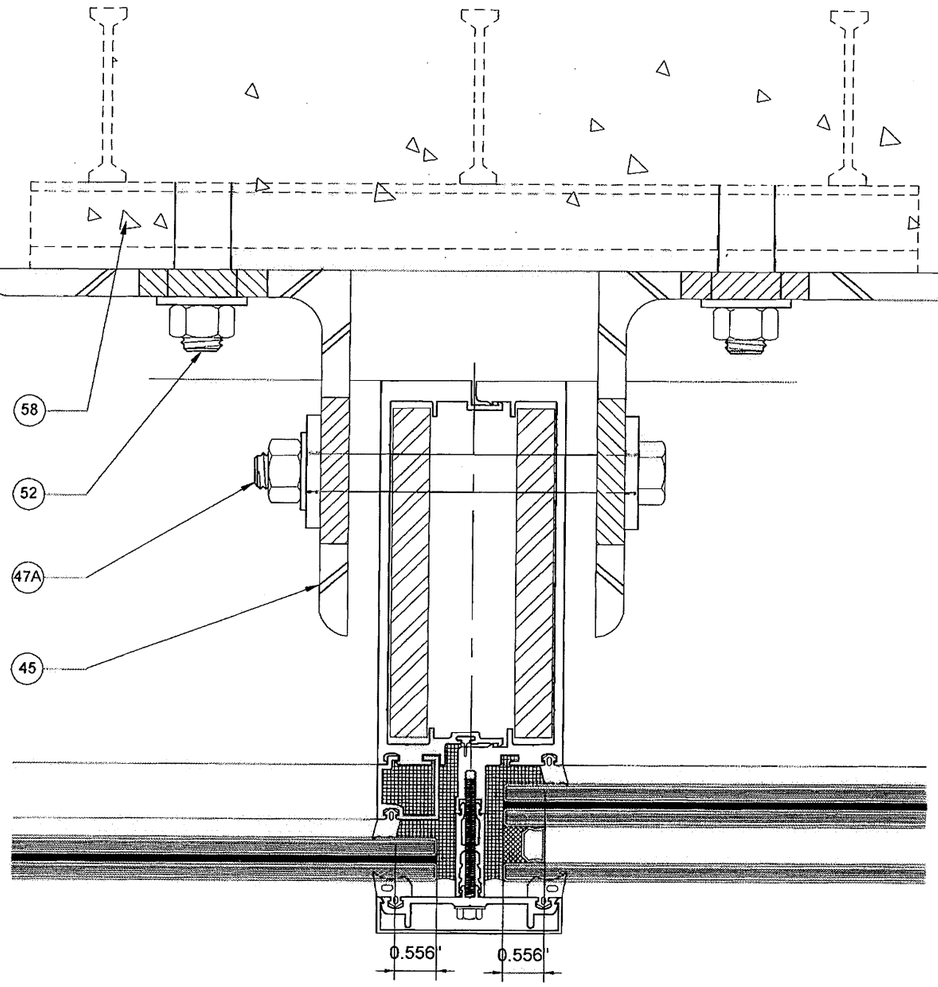
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

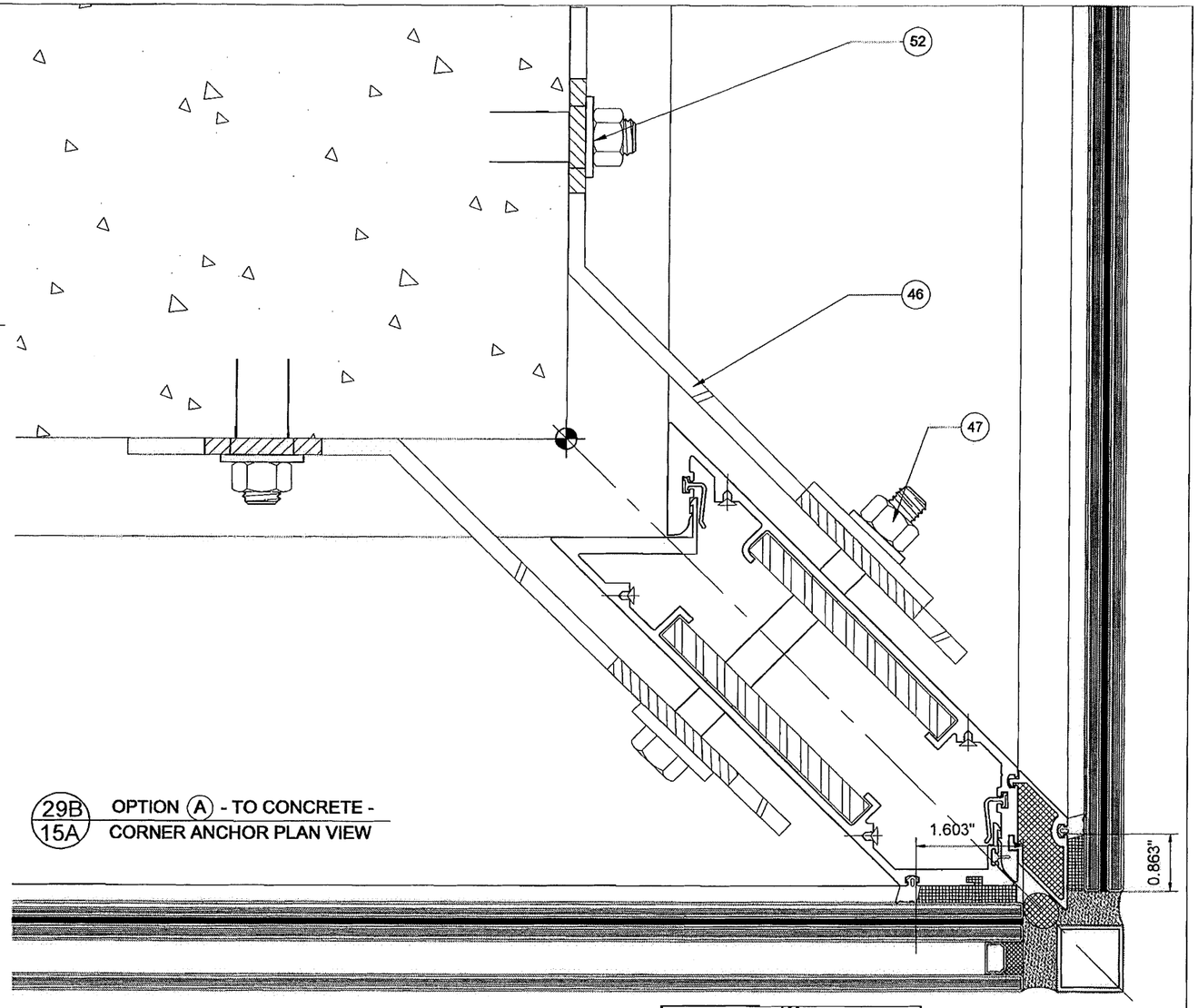
12-11-12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 10-0413.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 15 OF 17 |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | | |




29A / 15A TO HALFEN I + TYPICAL ANCHOR PLAN VIEW




29B / 15A OPTION (A) - TO CONCRETE - CORNER ANCHOR PLAN VIEW

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

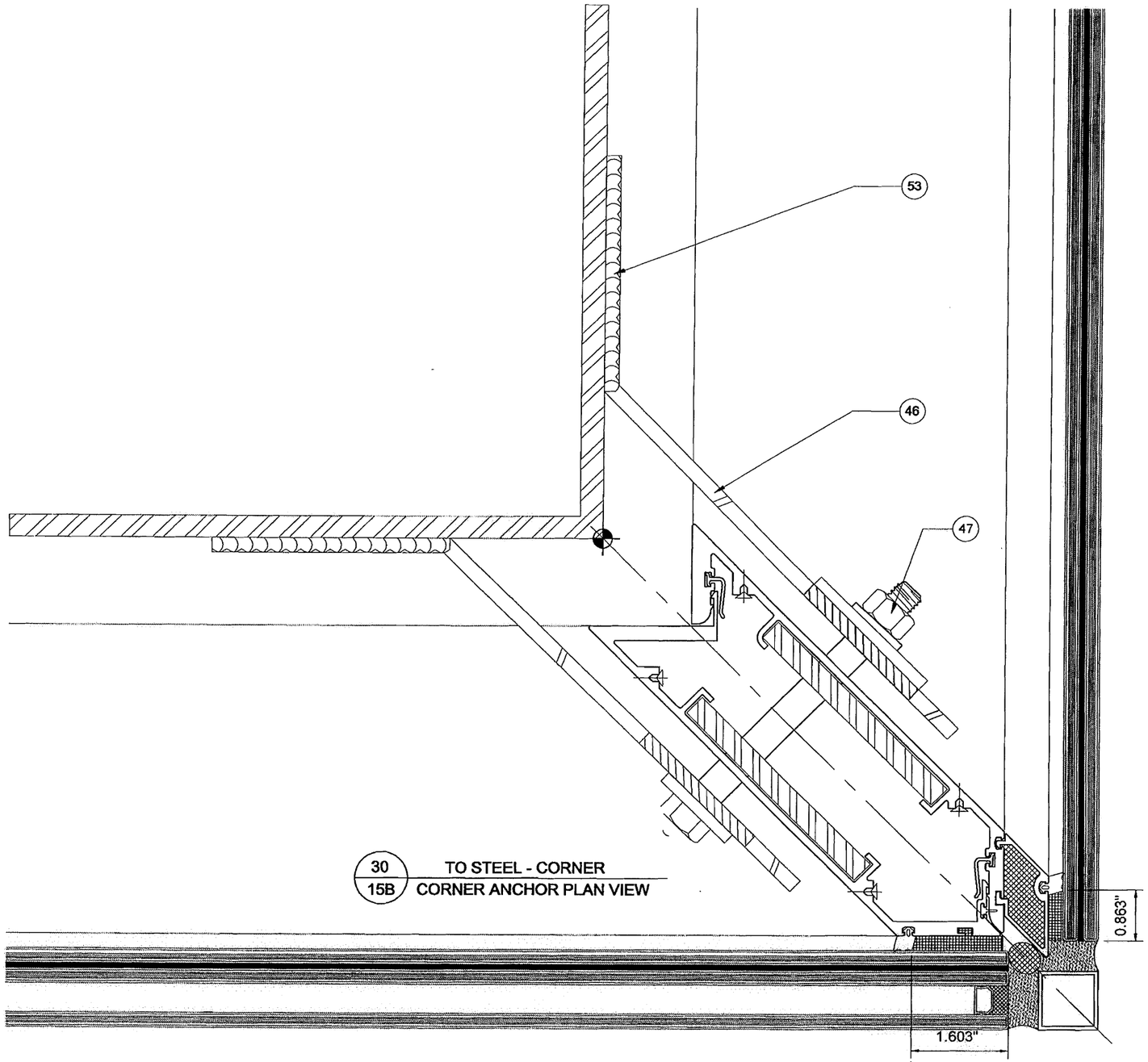
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

Approved as complying with the Florida Building Code
Date Dec 27 2012
NOA# 12-0913.04
Miami Dade Product Control
By

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

GLASSWALL
3550 N.W.49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




30
15B TO STEEL - CORNER
CORNER ANCHOR PLAN VIEW

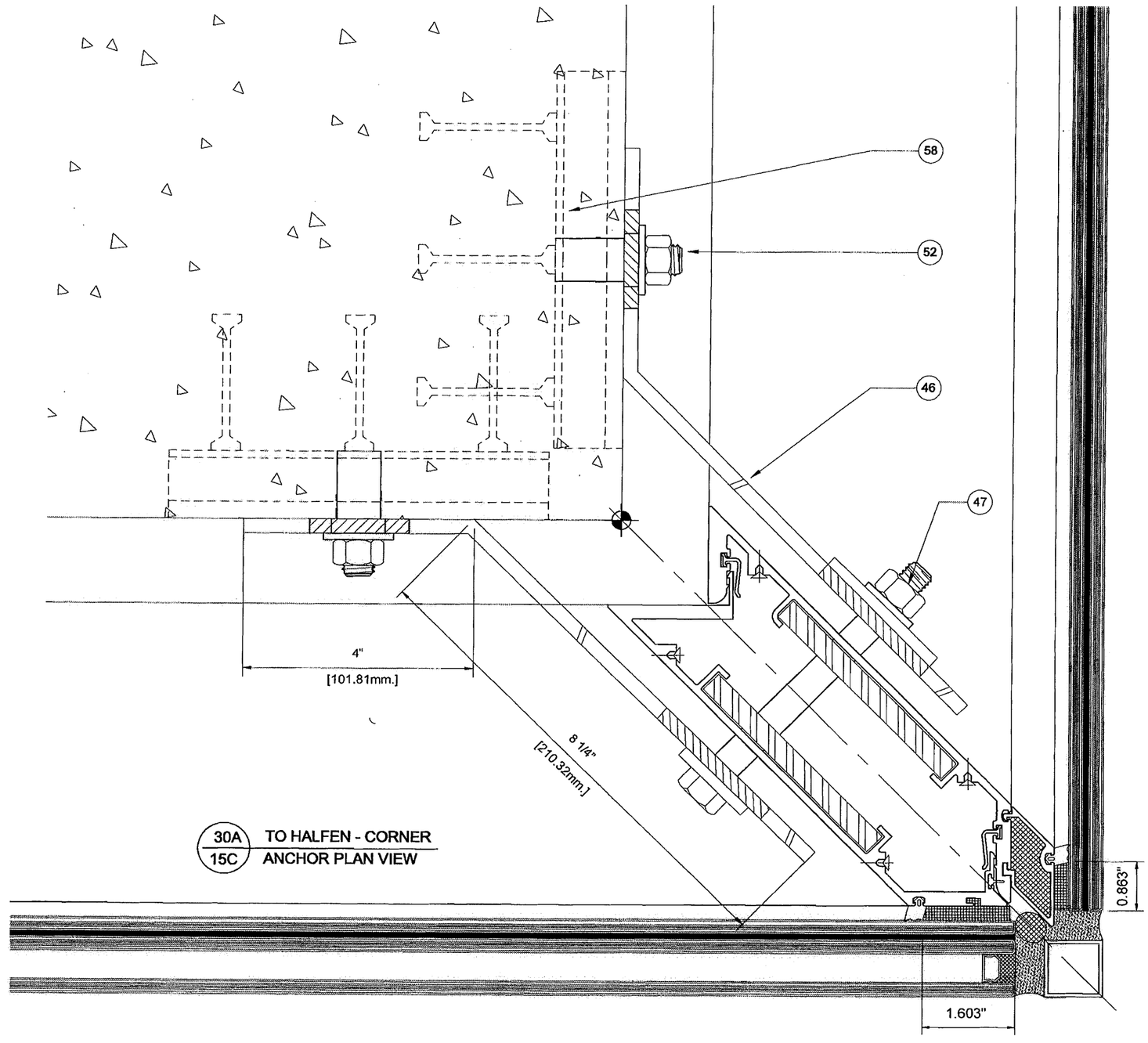
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY
LICENSE
No 57110
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
12-14-12

Approved as complying with the Florida Buiding Code
Date Dec. 27, 2012
NOA# 11-0913.04
Miami Dade Product Control
By

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158




30A / 15C TO HALFEN - CORNER ANCHOR PLAN VIEW

Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-10-12

Approved as complying with the Florida Building Code
Date Dec 27, 2012
NOA# 12-0413.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| ① GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| ② GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO: WW5250L | SCALE: 1:2 | |

GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
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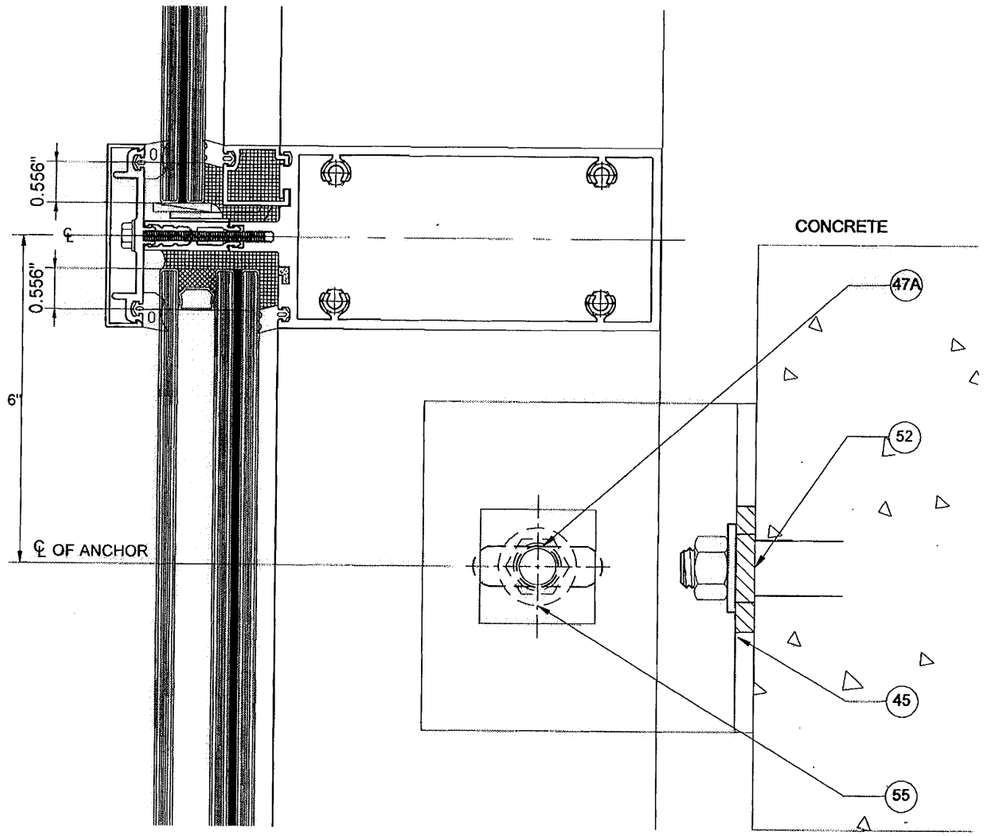
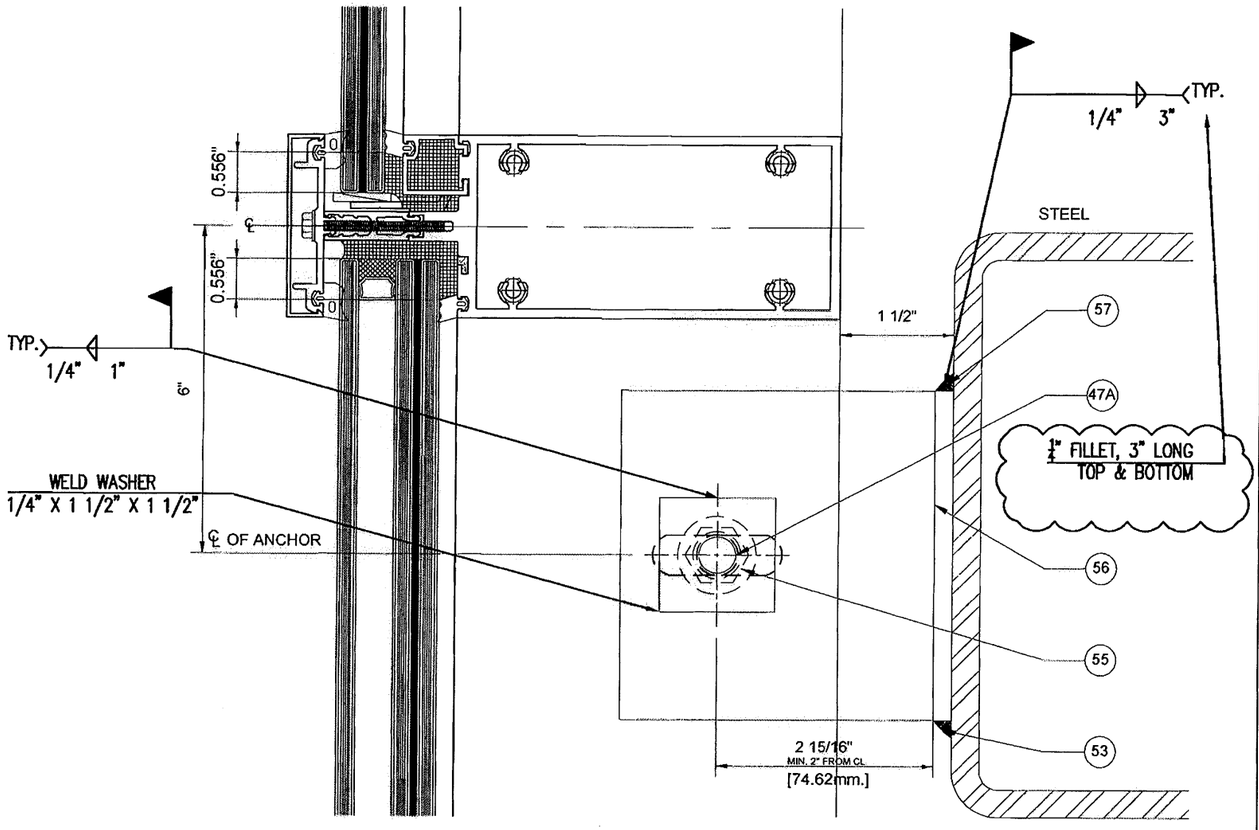



31/16 TO CONCRETE - ANCHOR SECTION VIEW




31/16 OPTION (A) - TO STEEL - ANCHOR SECTION VIEW

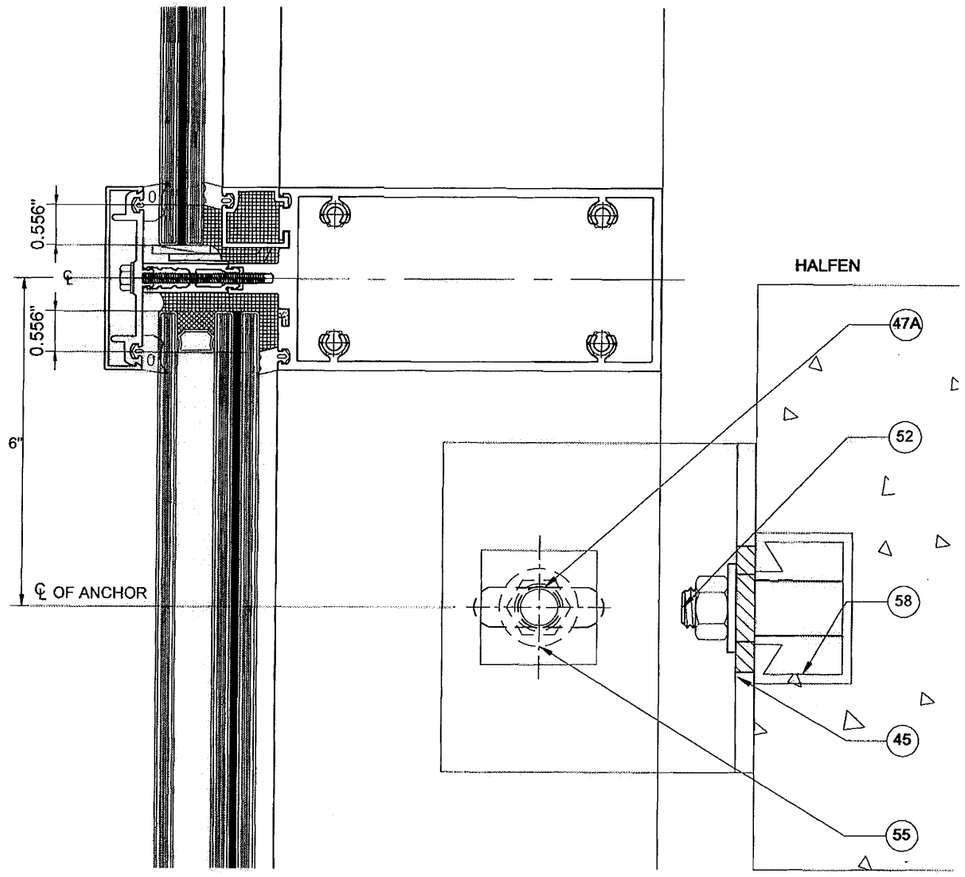
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-16-12

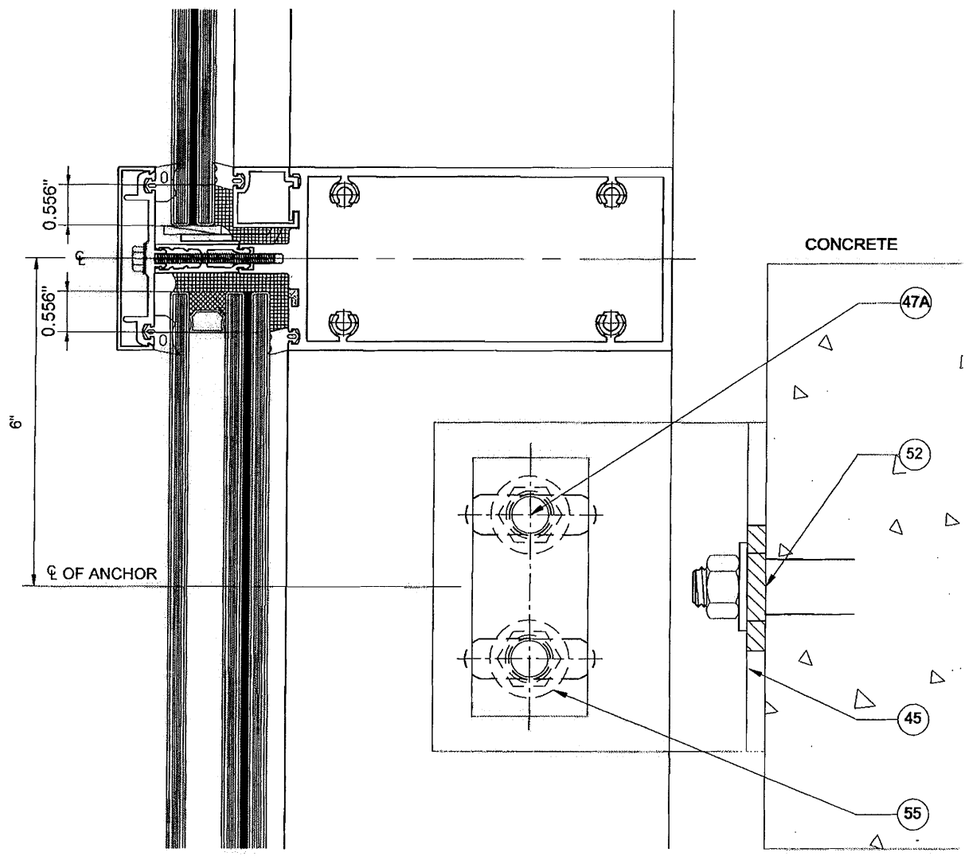
Approved as complying with the Florida Building Code
Date Dec. 19 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

GLASSWALL
3550 N.W.49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 6381:25151
FAX (305)1:26381:25158




OPTION (C) - TO HALFEN -
ANCHOR SECTION VIEW




OPTION (A) - TO CONCRETE -
ANCHOR SECTION VIEW

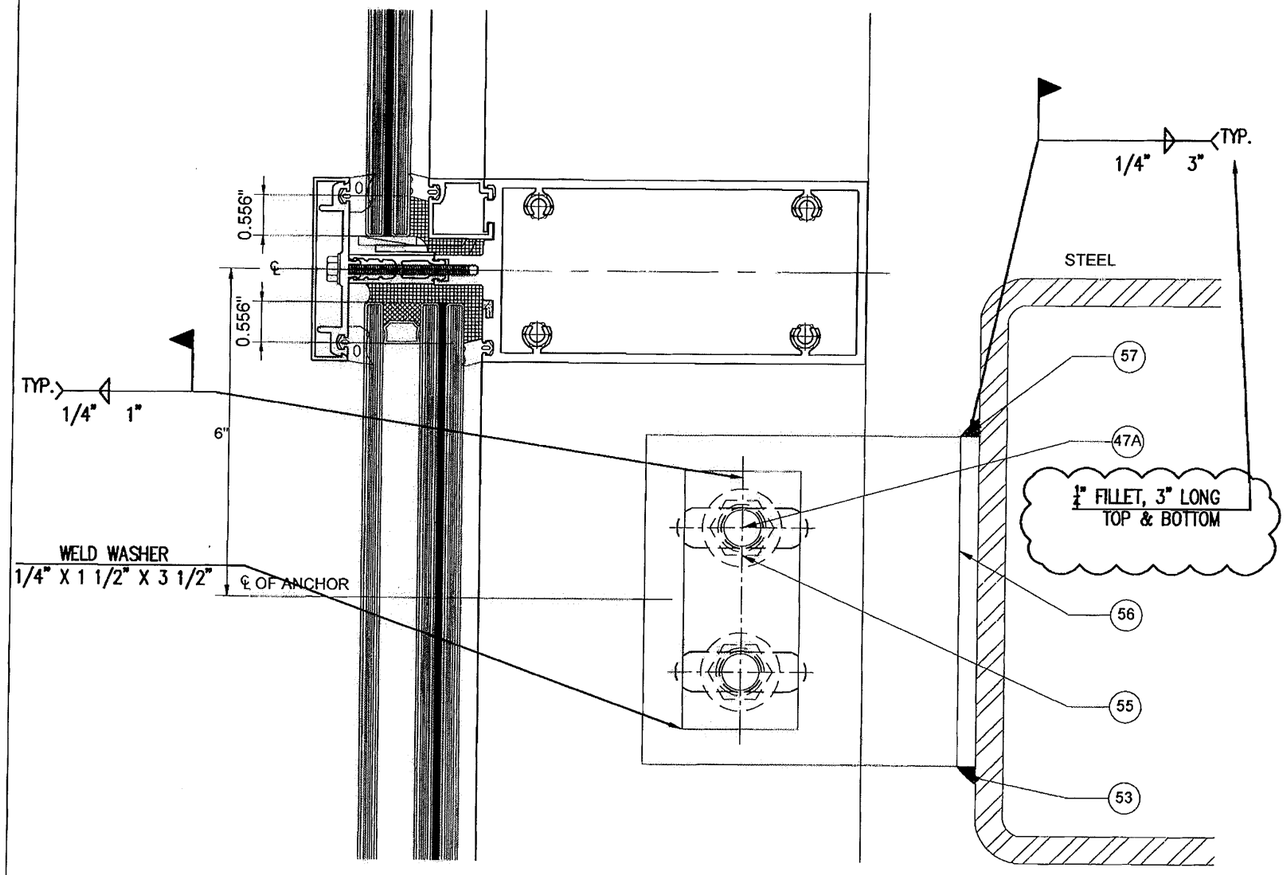
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

LEON MURRAY
LICENSE
No 57110
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

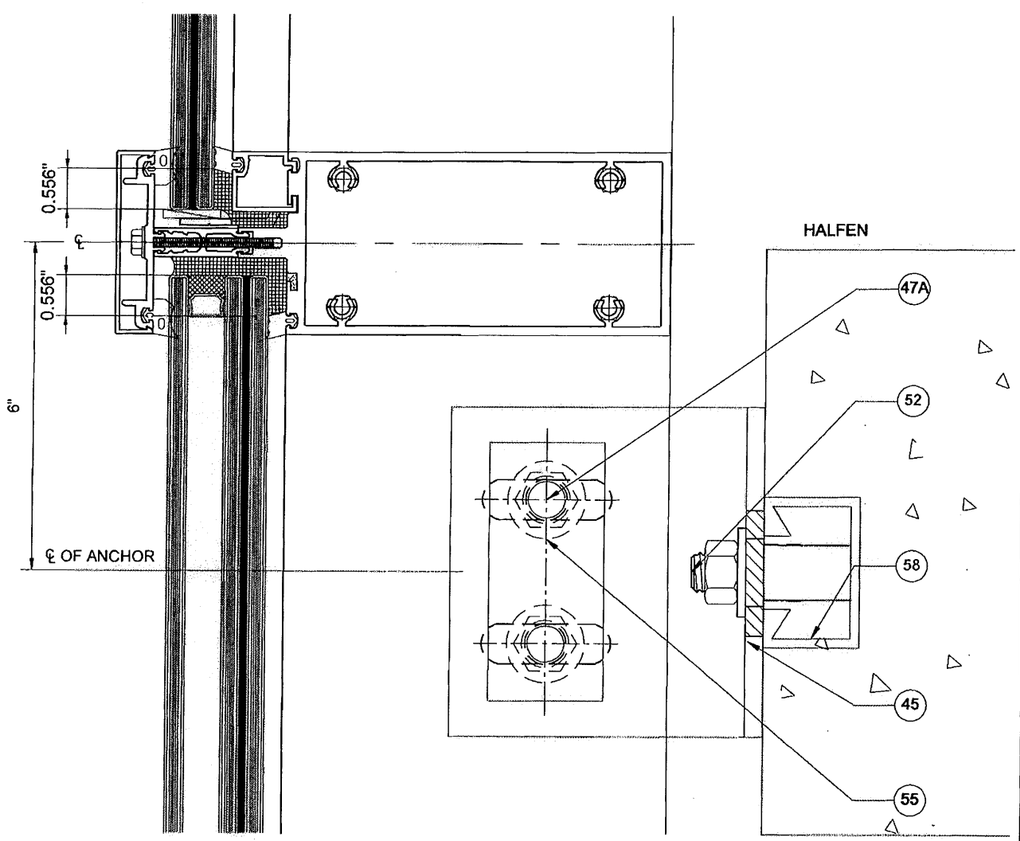
12-6-12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | GLASSWALL | SHEET 16A OF 17 |
|---|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 6381:25151 FAX (305)1:26381:25158 | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | | |




OPTION (B) - TO STEEL -
ANCHOR SECTION VIEW




OPTION (C) - TO HALFEN -
ANCHOR SECTION VIEW

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Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

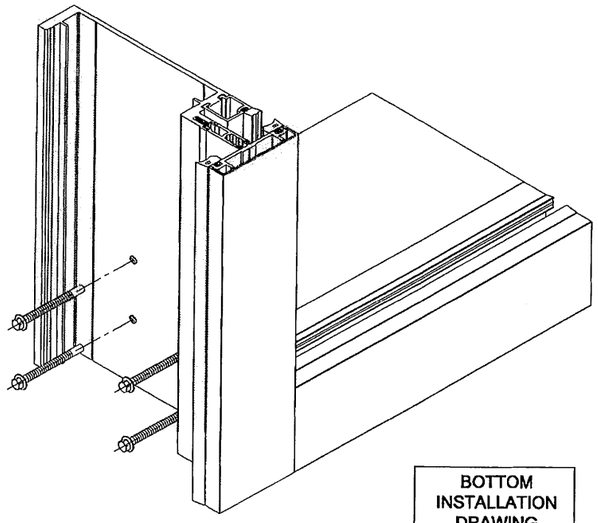
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-11-12

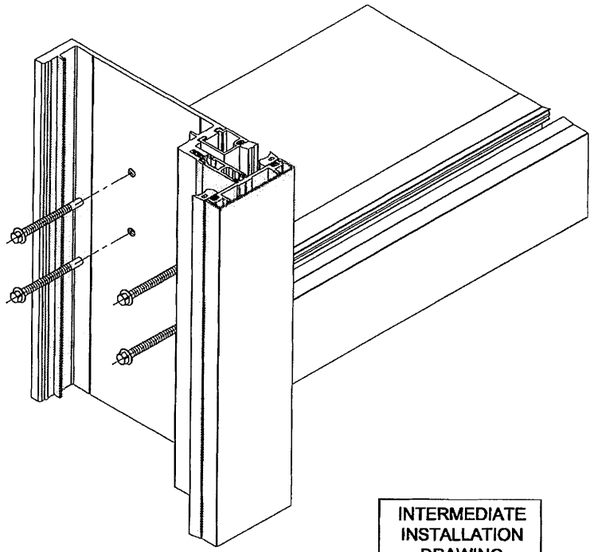
Approved as complying with the Florida Building Code
Date Dec. 07, 2012
NOA# 12-0913.04
Miami Dade Product Control
By Manuel Perez

| COMMENTS: | DATE: | PRODUCT NAME: | | | | | |
|---|---|---|---|---|---|---|---|
| 1 GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | |
| 2 GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: 1:2 | |

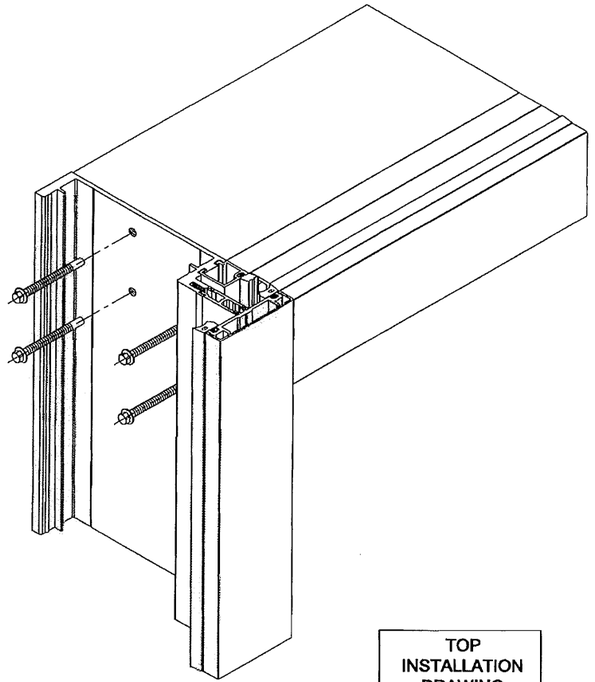
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 6381:25151
FAX (305)1:26381:25158



BOTTOM INSTALLATION DRAWING



INTERMEDIATE INSTALLATION DRAWING



TOP INSTALLATION DRAWING


Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064


LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

Approved as complying with the Florida Buiding Code
Date Dec. 27, 2012
NOA# 12-0913.04
Miami Dade Product Control
By

| REV. | COMMENTS: | DATE: | PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM LARGE MISSILE | | | | | GLASSWALL 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158 | SHEET 17 OF 17 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | GENERAL REVIEW PER RER COMMENTS | 12/05/2012 | | | | | | | |
| 2 | GENERAL REVIEW PER COMMENTS | 12/11/2012 | DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250L | SCALE: - | | |