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 – S.M.I.

APPROVAL DOCUMENT: Drawing No. **WW5250S**, titled "Series 5250 Aluminum Thermal Window Wall System Small 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 #2 dated 12/11/12, 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: 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. **WW5250S**, titled "Series 5250 Aluminum Thermal Window Wall System Small 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 #2 dated 12/11/12, 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, P.E.
Product Control Examiner
NOA No. 12-0913.05
Expiration Date: December 27, 2017
Approval Date: December 27, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11–0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their **"DuPont Butacite® PVB Interlayer"** dated 09/08/11, expiring on 12/11/16.

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. 12-0913.05
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 SMALL 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 (SMI)

TYPE A : 1 5/16" INSULATED LAMINATED GLASS
1/4" TEMP., 1/2" AIR SPACE, 1/4" TEMP., 0.060" PVB BY DUPONT, 1/4" TEMP.)

TYPE B : 9/16" NOM. LAMINATED GLASS
(1/4" TEMP. 0.060" PVB BY DUPONT, 1/4" TEMP.)

(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)

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03	SINGLE SPAN AND REINFORCEMENT OPTIONS
04	SINGLE SPAN AND REINFORCEMENT OPTIONS
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07	GLAZING DETAILS
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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# 12-0913.05
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 SMALL MISSILE				
2	GENERAL REVIEW PER RER COMMENTS	12/11/2012	DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO:WW5250S	SCALE: -

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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"

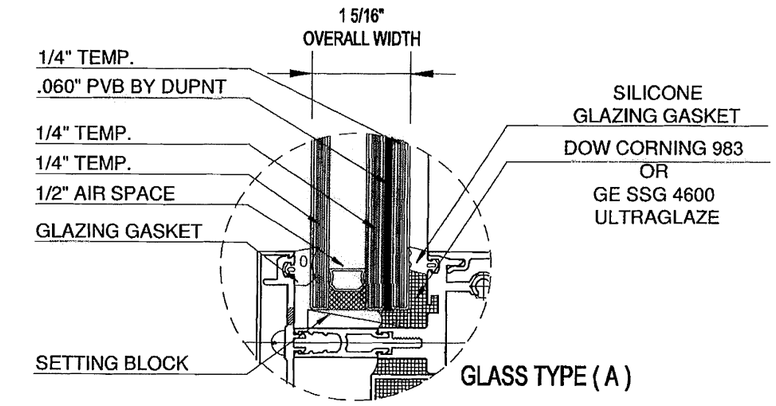
TABLE 2

ANCHOR SCHEDULE

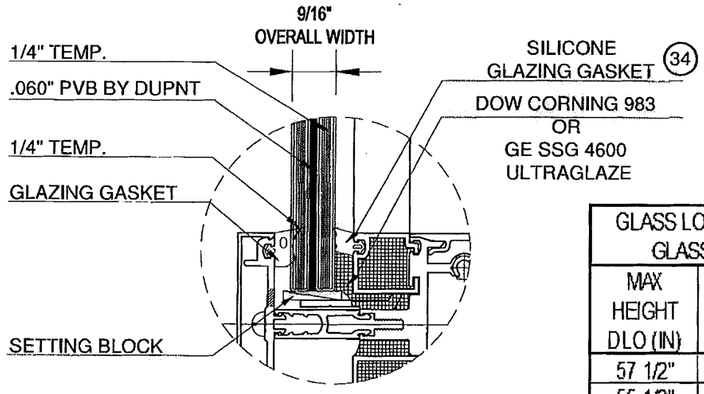
SUBSTRATE	ANCHOR
NORMAL WEIGHT CONCRETE F'C MIN = 3000 PSI	3/8" Ø WEDGE - BOLT + ZINC PLATED CARBON STEEL INTO CONCRETE. (3) AT EA. SIDE OF MULLION 3" FROM ENDS AND (1) @ MIDSPAN. 3" MIN. EDGE DISTANCE. 3" CENTER TO CENTER SPACING. 2 1/2" MIN. EMBEDMENT
STEEL: ASTM A36 MIN 1/4" - 12 GA	3/8"Ø TAP - FLEX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

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12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27 2012
NOA# 12-0913.05
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 SMALL MISSILE					
2	GENERAL REVIEW PER RER COMMENTS	12/11/2012	DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO:WW5250S	SCALE: -	

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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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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
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Phone: 207-651-3064

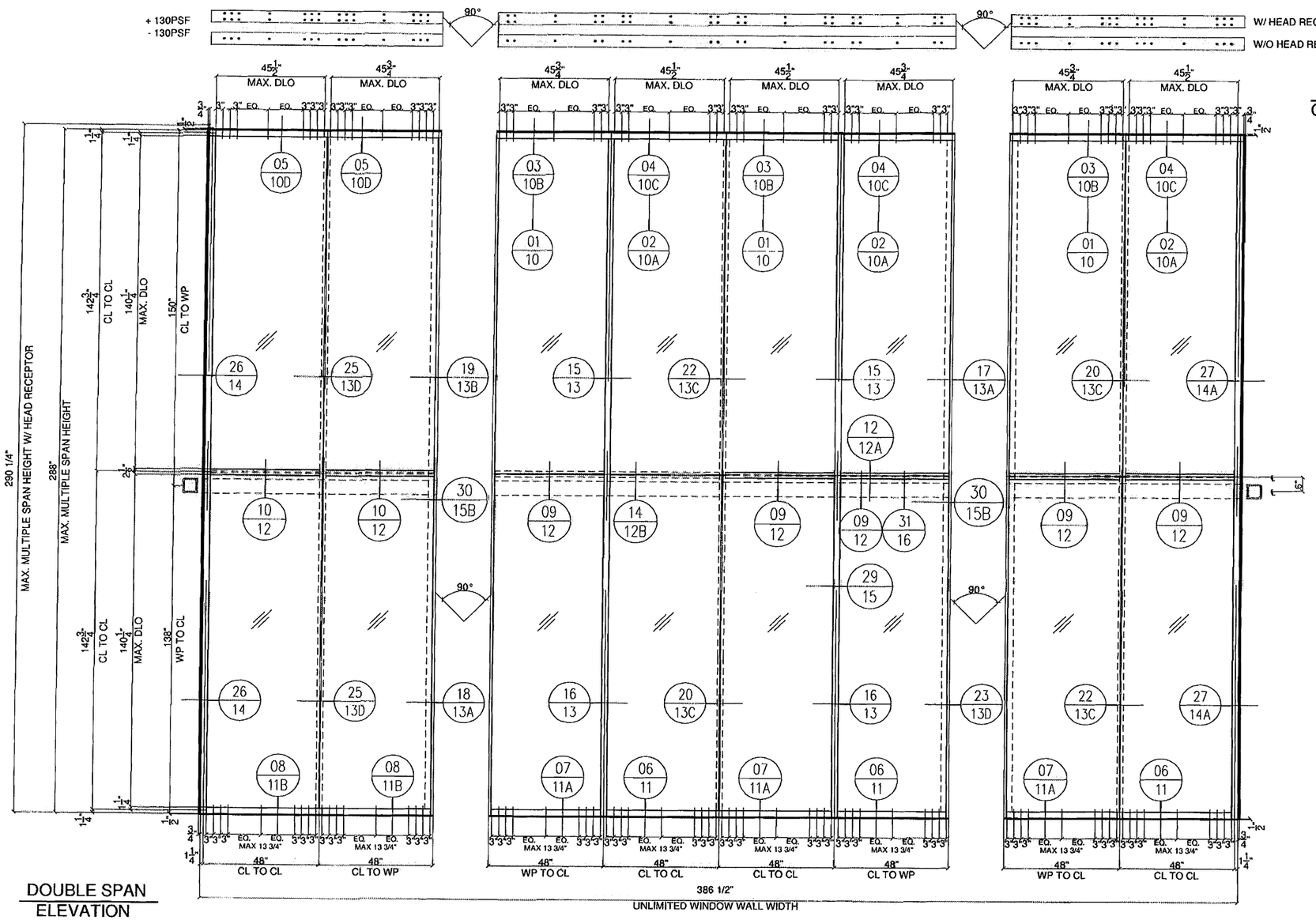
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

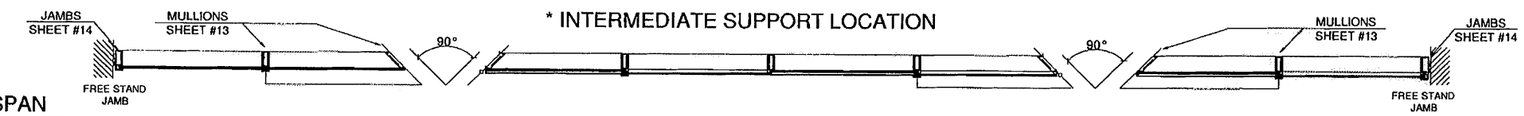
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

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

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

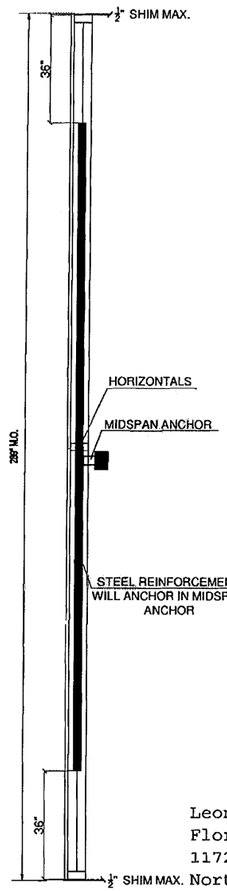


DOUBLE SPAN
ELEVATION



DOUBLE SPAN
PLAN VIEW

DOUBLE SPAN CROSS SECTION



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12.16.12

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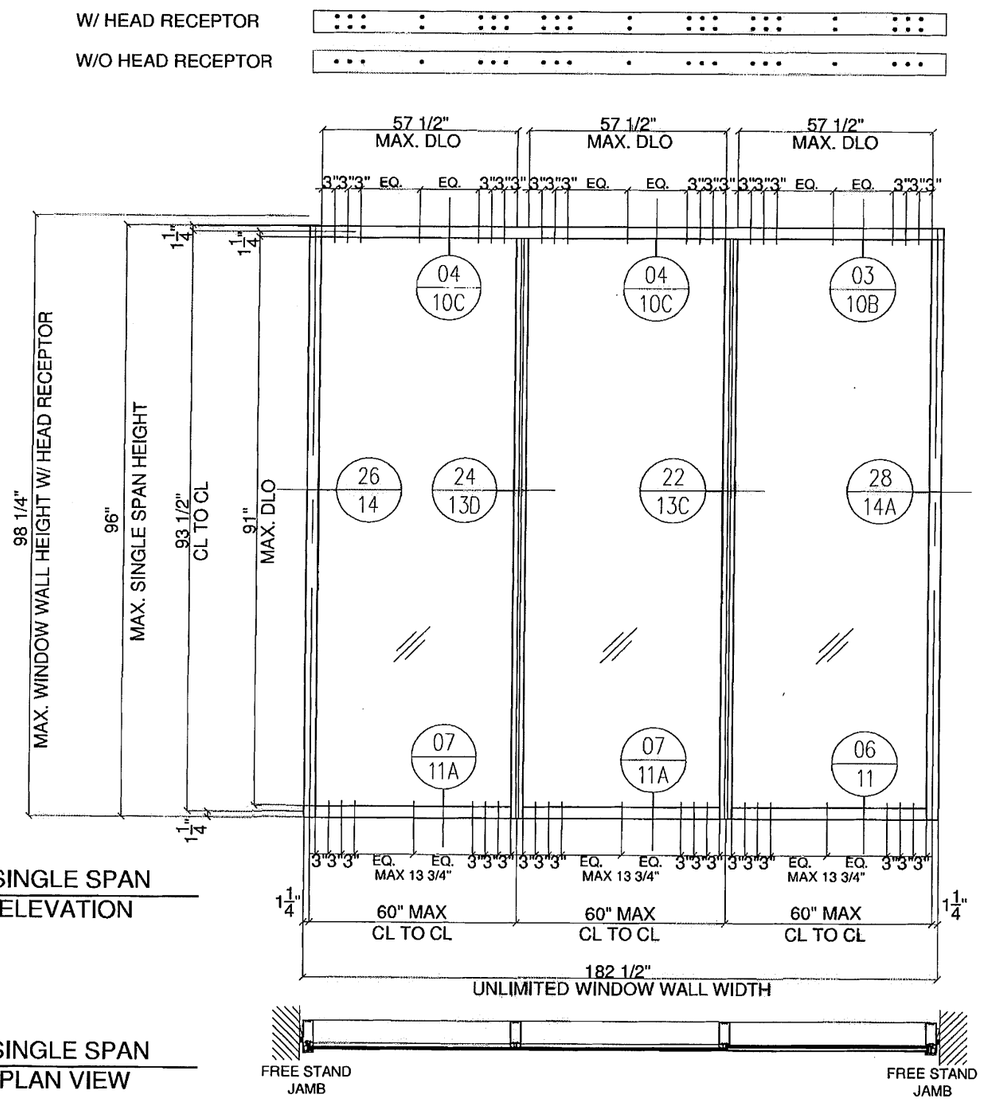
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Maureen Perez

REV.	COMMENTS:	DATE:	PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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:WW5250S	SCALE: -		

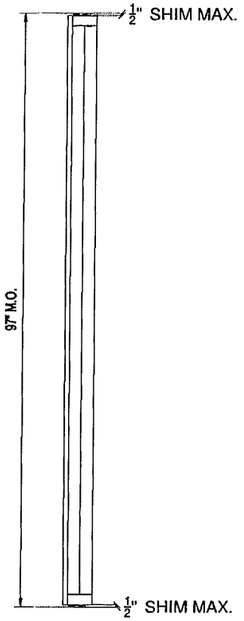
MAX WIDTH PANEL	MAX HEIGHT PANEL	STEEL REINFORCEMENT	MAX. DESIGN PRESSURE
60"	96"	N/A	+ 130 PSF - 130 PSF

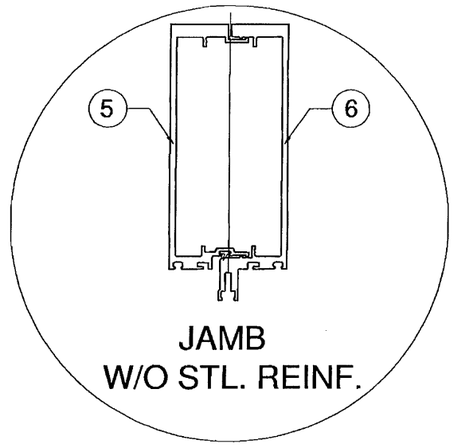


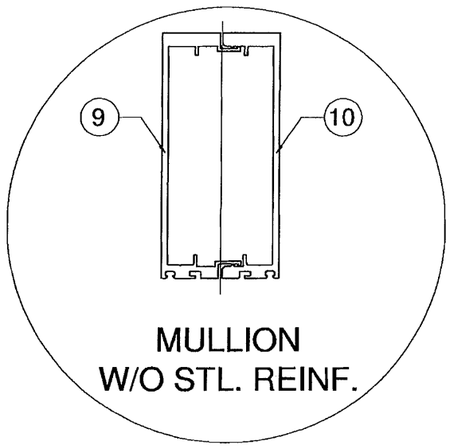
SINGLE SPAN
ELEVATION

SINGLE SPAN
PLAN VIEW

SINGLE SPAN
CROSS SECTION







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12-10-12

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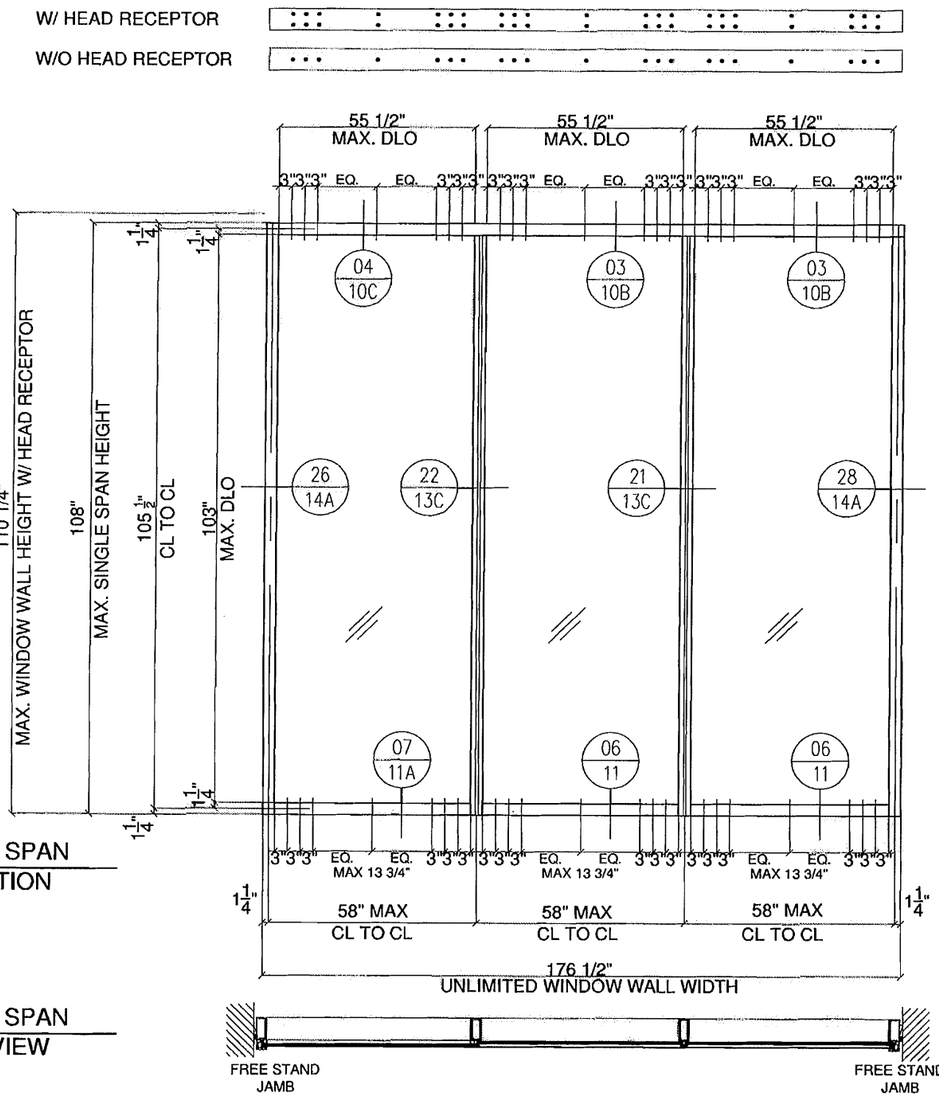
NOA# 10-0913.05
Miami Dade Product Control
By

REV.	COMMENTS:	DATE:	PRODUCT NAME:
1	GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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: -

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

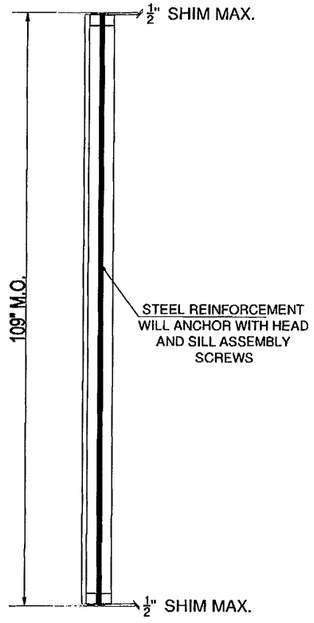
MAX WIDTH PANEL	MAX HEIGHT PANEL	STEEL REINFORCEMENT	MAX. DESIGN PRESSURE
58"	108"	108" X 1/8" X 4 1/2"	+ 130 PSF - 130 PSF

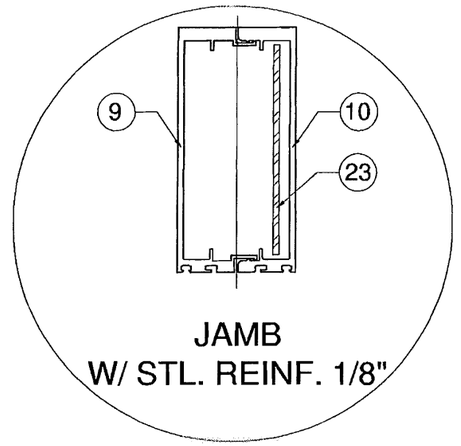


SINGLE SPAN
ELEVATION

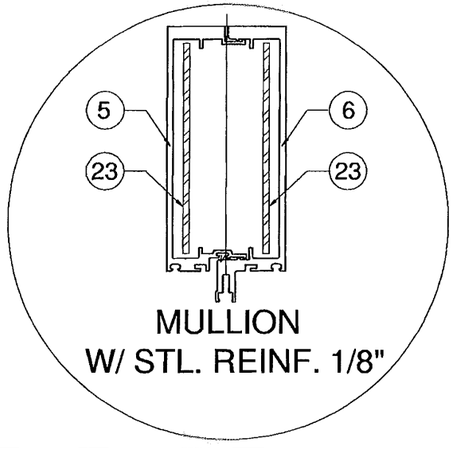
SINGLE SPAN
PLAN VIEW

SINGLE SPAN
CROSS SECTION





JAMB
W/ STL. REINF. 1/8"



MULLION
W/ STL. REINF. 1/8"

Leon Murray P.E.
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Phone: 207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

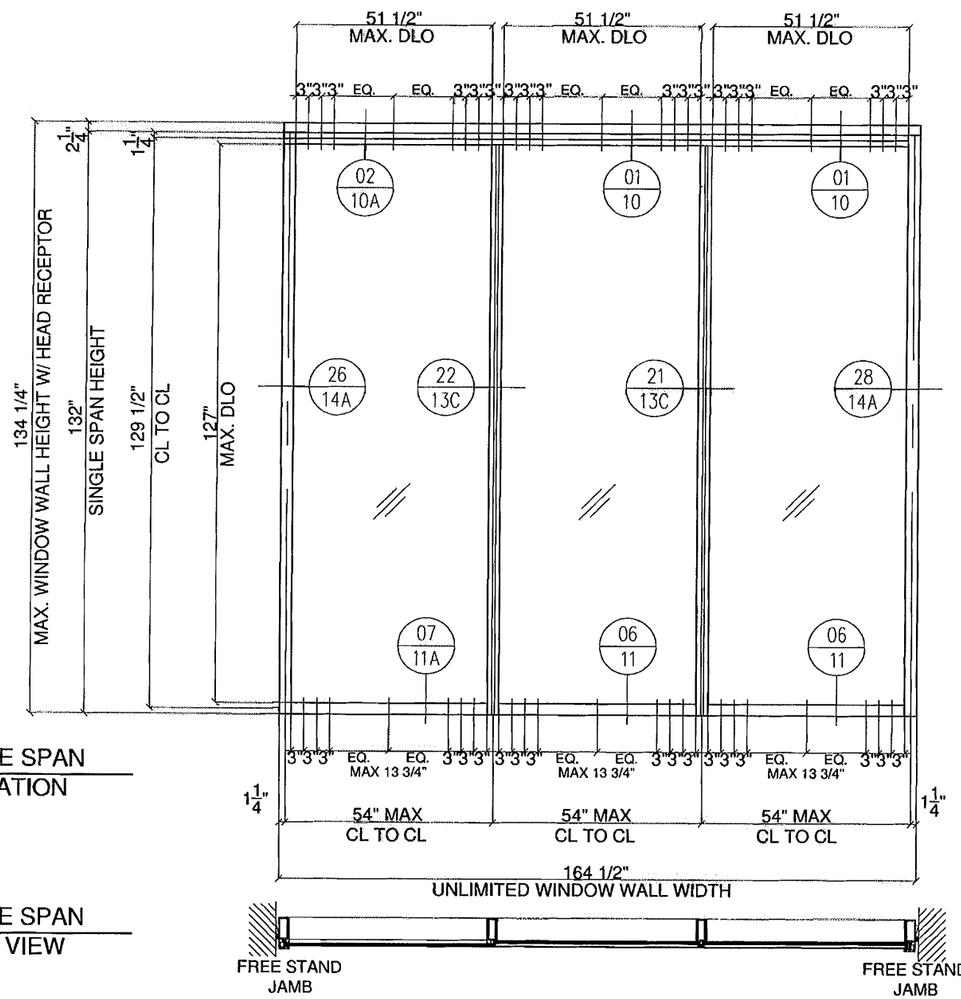
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

REV.	COMMENTS:	DATE:	PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					GLASSWALL 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158	SHEET 04 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:WW5250S	SCALE: -		

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 - 130 PSF

W/ HEAD RECEPTOR

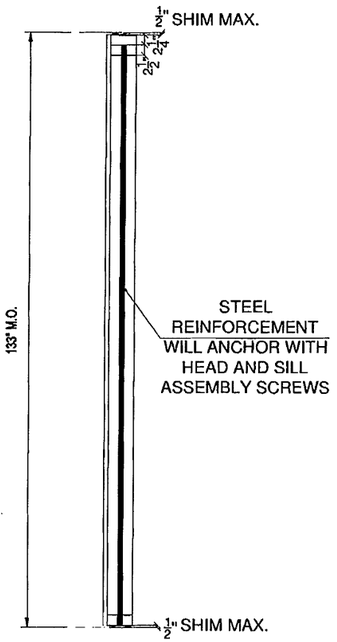
W/O HEAD RECEPTOR

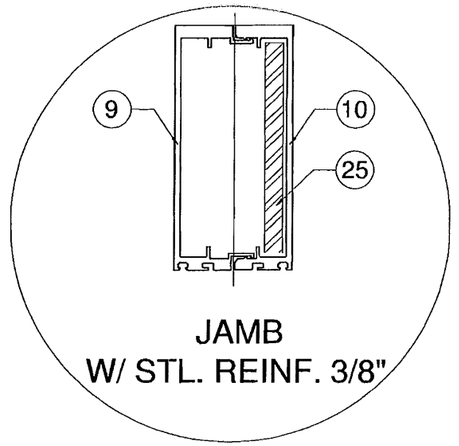


SINGLE SPAN
ELEVATION

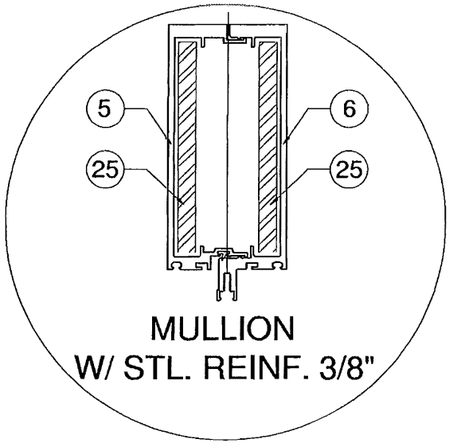
SINGLE SPAN
PLAN VIEW

SINGLE SPAN
CROSS SECTION





JAMB
W/ STL. REINF. 3/8"



MULLION
W/ STL. REINF. 3/8"

Leon Murray P.E.
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Phone: 207-651-3064

LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

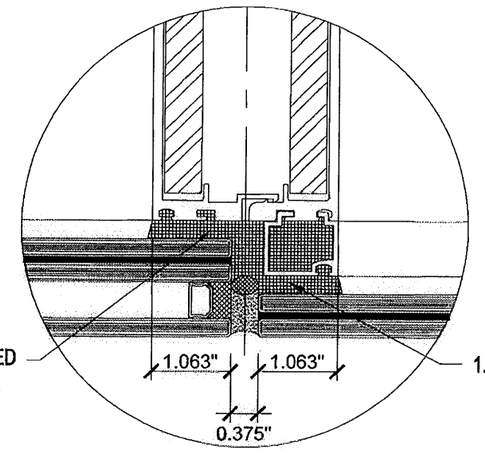
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

REV.	COMMENTS:	DATE:
1	GENERAL REVIEW PER RER COMMENTS	12/05/2012
2	GENERAL REVIEW PER COMMENTS	12/11/2012

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

DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250S | SCALE: -

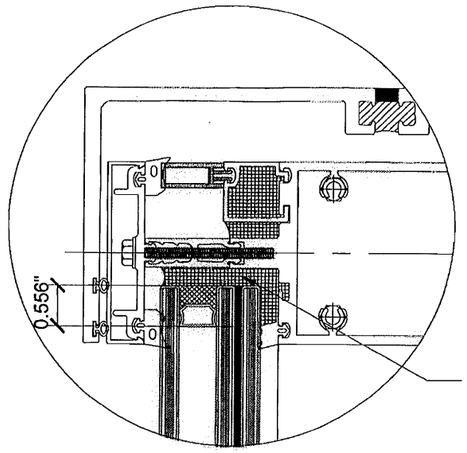
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



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

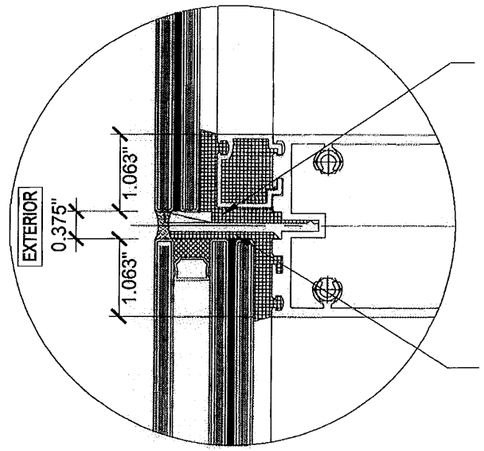
1.128" APPROVED STRUCTURAL SILICONE AS PER NOTE ②ON SHEET 01 OF 17

TYP. VERTICAL MULLION
STRUCTURAL GLAZED GLASS



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

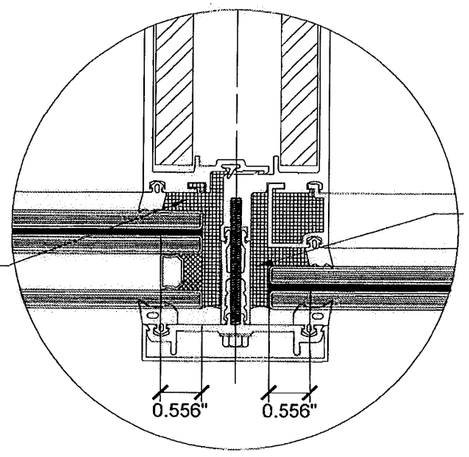
HEAD HORIZONTAL
CAPTURED GLASS



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

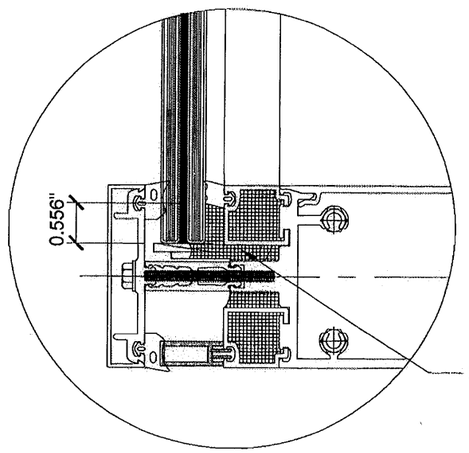
INTERMEDIATE HORIZONTAL
STRUCTURAL GLAZED GLASS



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

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

TYP. VERTICAL MULLION
CAPTURED GLASS



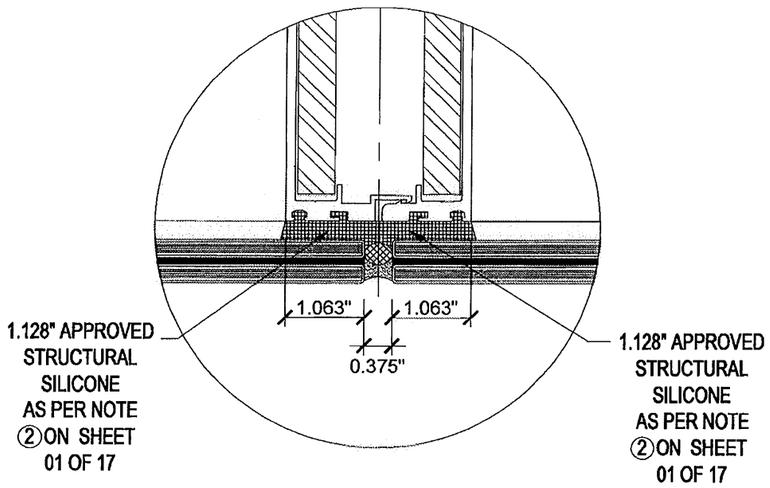
0.556" APPROVED STRUCTURAL SILICONE AS PER NOTE ②ON SHEET 01 OF 17

SILL HORIZONTAL
CAPTURED GLASS

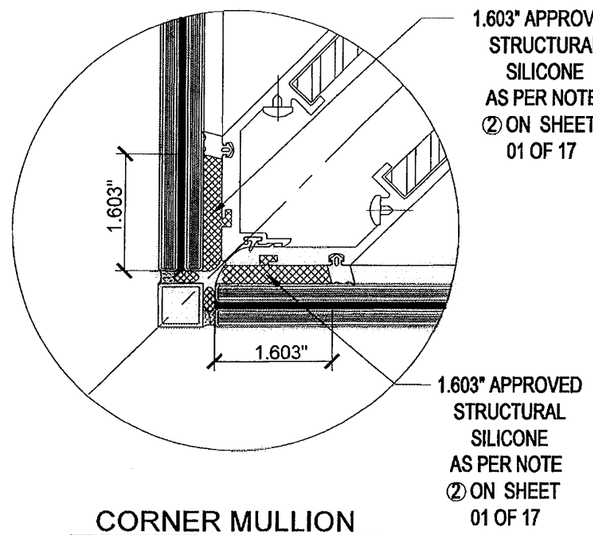
LEON MURRAY
LICENSE
No 57110
STATE OF FLORIDA
PROFESSIONAL ENGINEER
12-16-12

Approved as complying with the Florida Baiding Code
Date Dec. 27 2012
NOA# 12-0913.05
Miami Dade Prodact Control
By

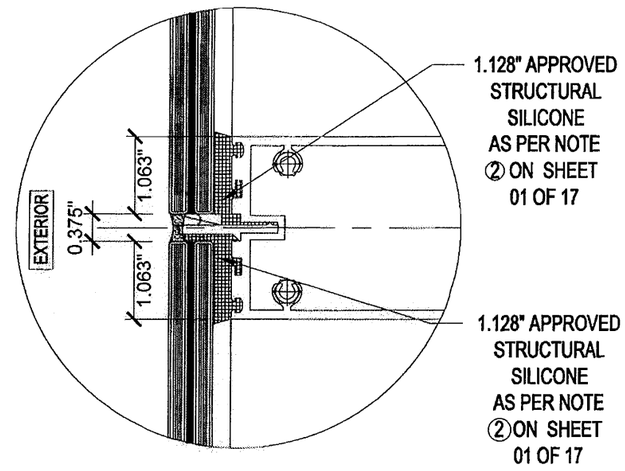
REV.	COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 07 OF 17
1	GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158	
2	GENERAL REVIEW PER COMMENTS	12/11/2012	DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO:WW5250S	SCALE: 1:2		



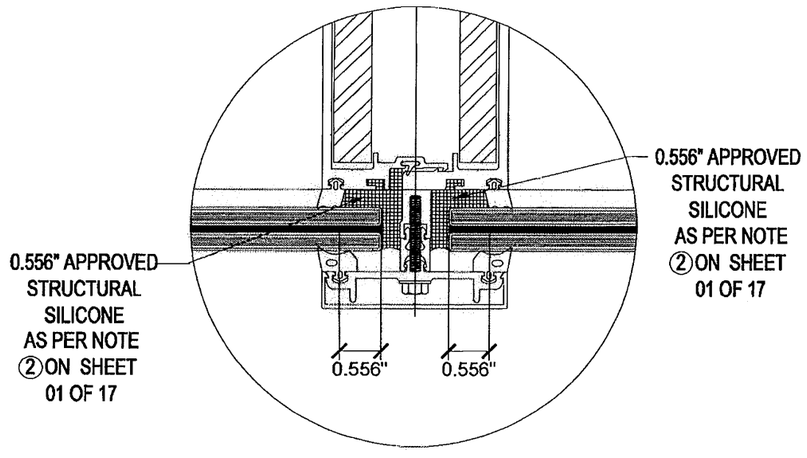
VERTICAL MULLION
STRUCTURAL GLAZED GLASS



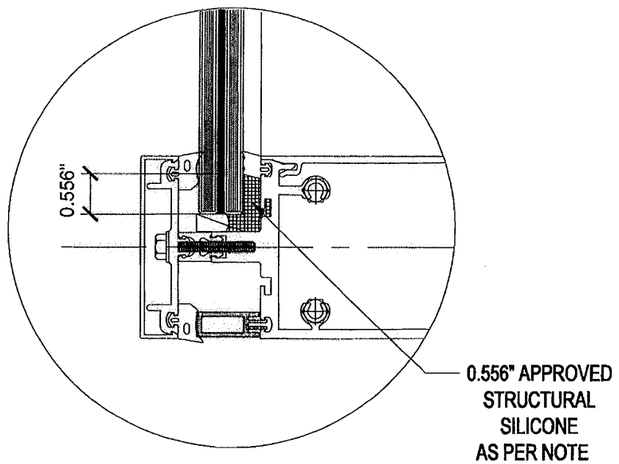
CORNER MULLION
LAMINATED GLASS



INTERMEDIATE HORIZONTAL
STRUCTURAL GLAZED GLASS



TYP. VERTICAL MULLION
CAPTURED GLASS



SILL HORIZONTAL
CAPTURED GLASS

Leon Murray P.E.
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Phone:207-651-3064

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

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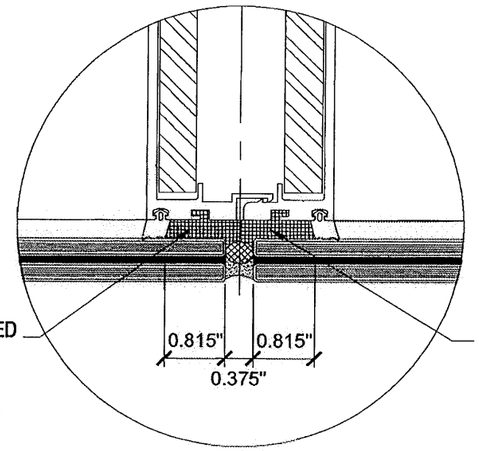
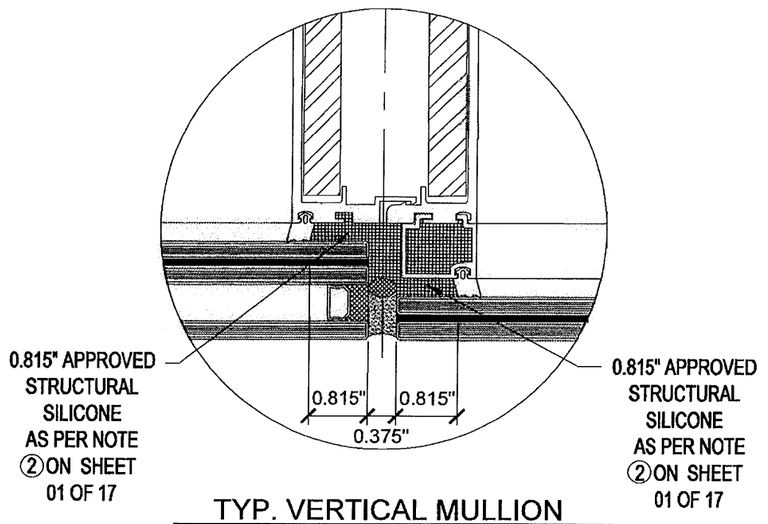
Date Dec. 27 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

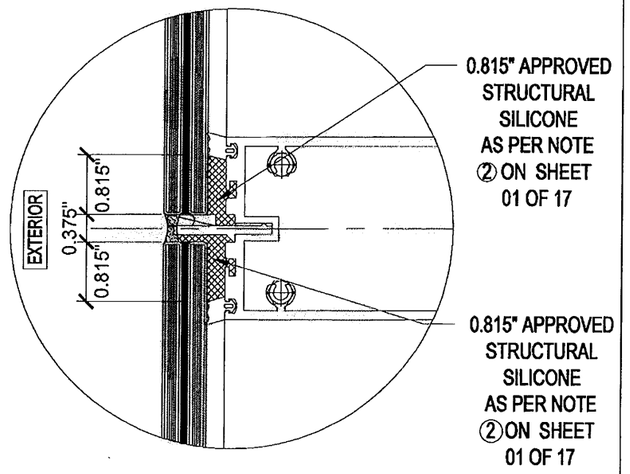
REV.	COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 07A OF 17
1	GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158	
2	GENERAL REVIEW PER COMMENTS	12/11/2012	DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO:WW5250S	SCALE: 1:2		



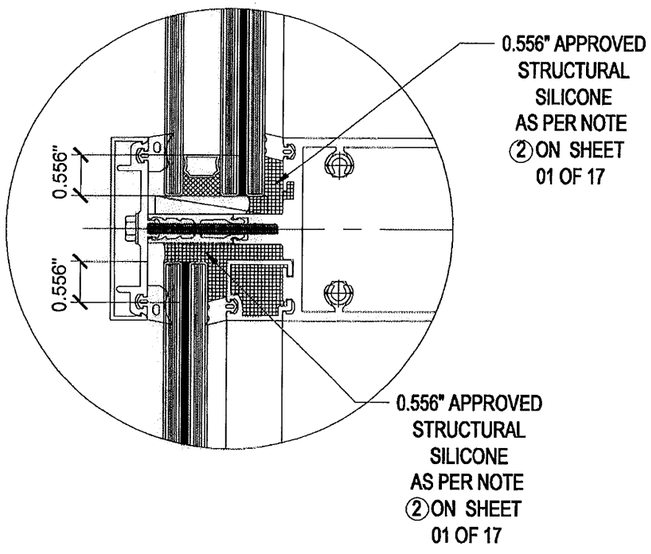
VERTICAL MULLION
STRUCTURAL GLAZED GLASS



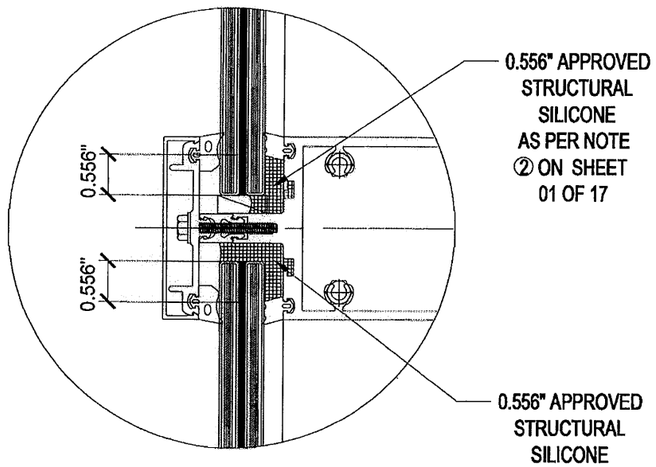
TYP. VERTICAL MULLION
STRUCTURAL GLAZED GLASS



INTERMEDIATE HORIZONTAL
STRUCTURAL GLAZED GLASS



INTERMEDIATE HORIZONTAL
CAPTURED GLASS



INTERMEDIATE HORIZONTAL
CAPTURED GLASS

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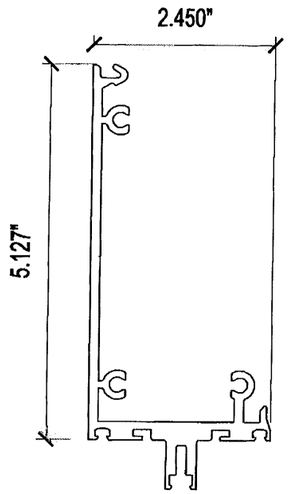
Phone:207-651-3064

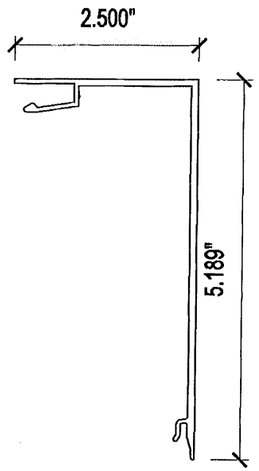
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-16-12

Approved as complying with the Florida Buiding Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By

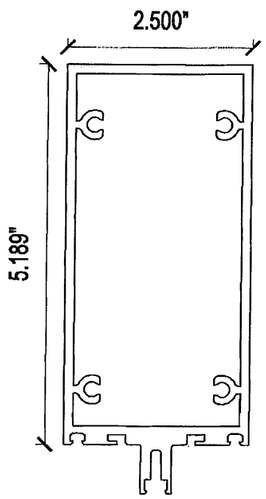
REV.	COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 07B OF 17
1	GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158	
2	GENERAL REVIEW PER COMMENTS	12/11/2012	DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO: W5250S	SCALE: 1:2		



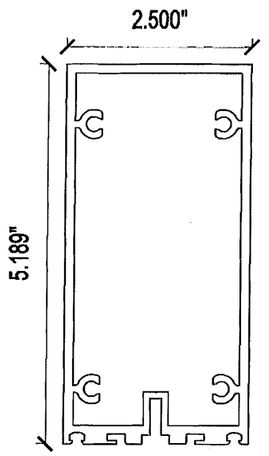
① HEAD / SILL
5250-001



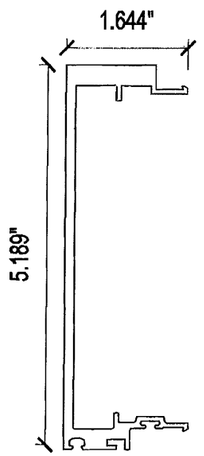
② HEAD / SILL COVER
5250-002



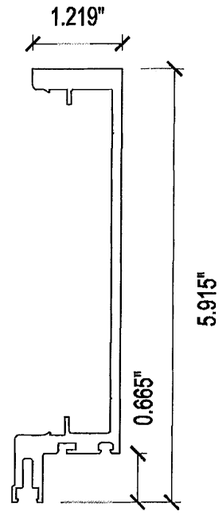
③ HORIZONTAL MULLION
5250-003



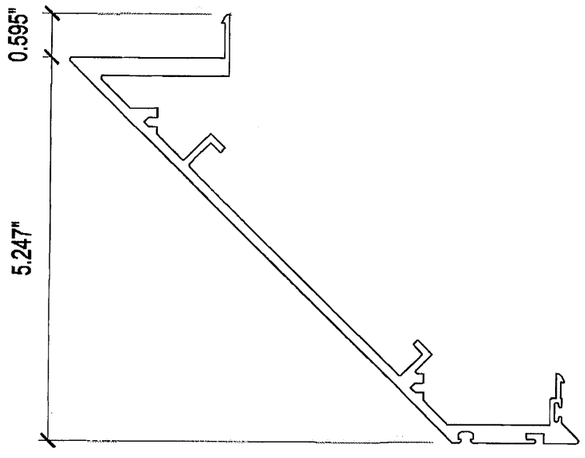
④ STRUCTURAL
HORIZONTAL MULLION
5250-005



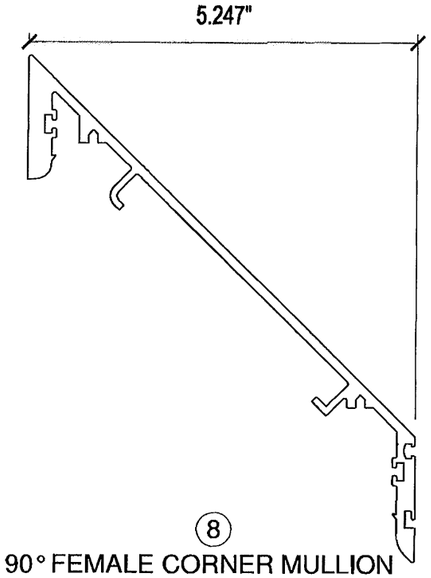
⑤ MALE MULLION
FOR PRESSURE
PLATE GLAZING
5250-101



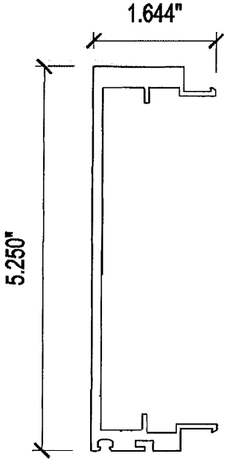
⑥ FEMALE MULLION
FOR PRESSURE
PLATE GLAZING
5250-102



⑦ 90° MALE CORNER MULLION
5250-103



⑧ 90° FEMALE CORNER MULLION
5250-104



⑨ MALE MULLION
FOR STRUCTURAL GLAZING
5250-105

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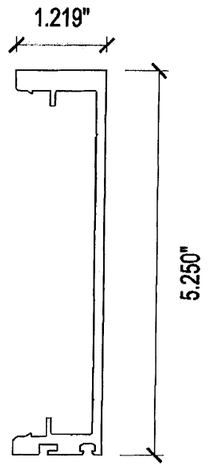
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

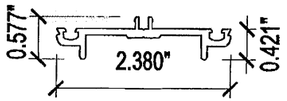
12.16.12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By

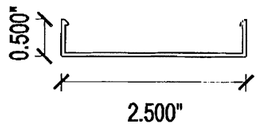
REV.	COMMENTS:	DATE:	PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					GLASSWALL 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158	SHEET 08 OF 17
1	GENERAL REVIEW PER RER COMMENTS	12/05/2012							
			DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO:WW5250S	SCALE: 1:2		



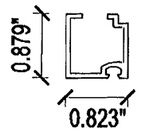
(10)
FEMALE MULLION
FOR STRUCTURAL GLAZING
5250-106



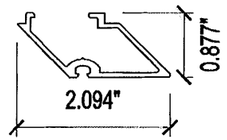
(11)
PRESSURE PLATE
5250-201



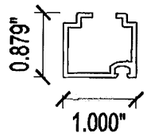
(12)
BEAUTY CAP
5250-202



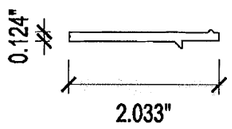
(13)
GLAZING ADAPTOR
5250-203



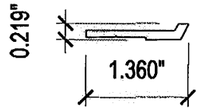
(14)
90° GLAZING ADAPTOR
5250-204



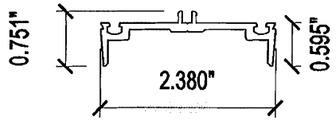
(15)
STRUCTURAL
GLAZING ADAPTOR
5250-205



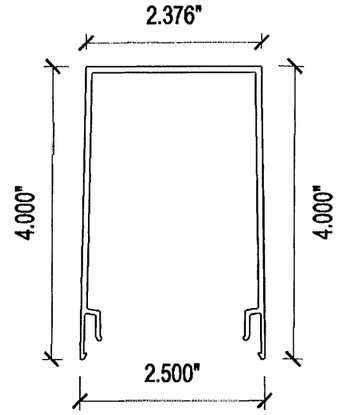
(16)
STRUCTURAL
GLAZING SHELF
5250-206



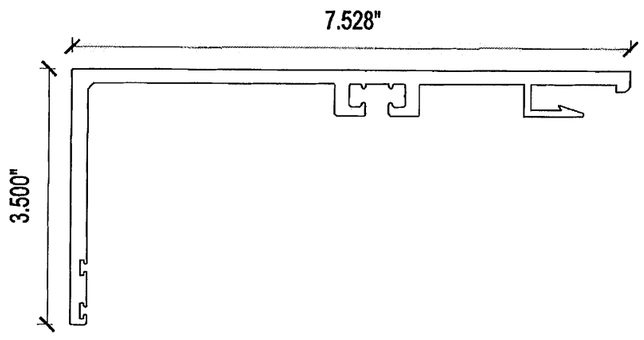
(17)
GLASS SHELF
SUPPORT
5250-207



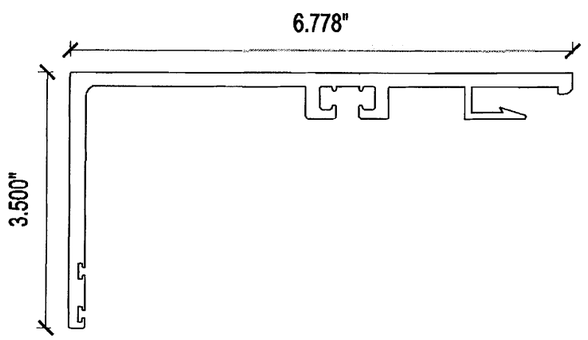
(18)
PRESSURE PLATE
EXTENDED CAP
5250-208



(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

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LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER

12-16-12

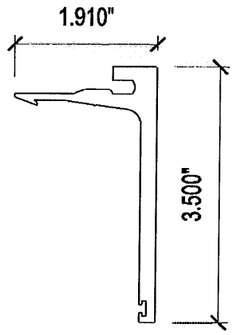
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

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

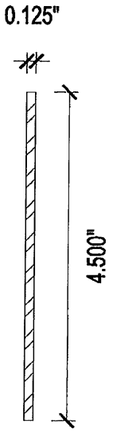
PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE

DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250S | SCALE: 1:2

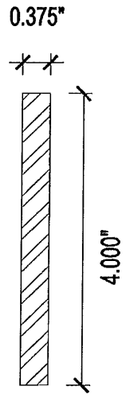
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



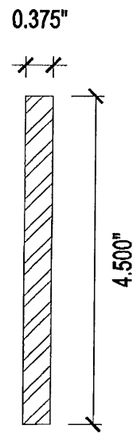
(22)
BACK STRUCTURAL HEAD RECEPTOR (6 7/8" & 7 1/2")
5250-212



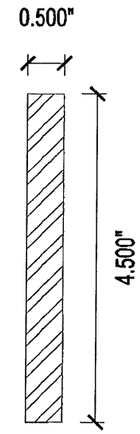
(23)
1/8" x 4 1/2" STEEL BAR



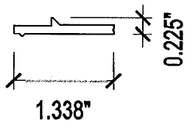
(24)
3/8" x 4" STEEL BAR
(90° CORNER MULLION)



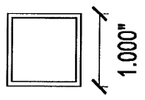
(25)
3/8" x 4 1/2" STEEL BAR



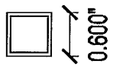
(26)
1/2" x 4 1/2" STEEL BAR



(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.
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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# 12-0913.05
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 SMALL MISSILE					
			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
FAX (305)-638-5158

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 (A) - DOW CORNING 983 (B) - SSG 4600 ULTRAGLAZE	SILICONE
39	LOW MODULUS ONE PART SEALANT. A) GE SCS 2000 SILPRUF B) DOW CORNING 790 C) GE SCS 2700 SILPRUF L.M. 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

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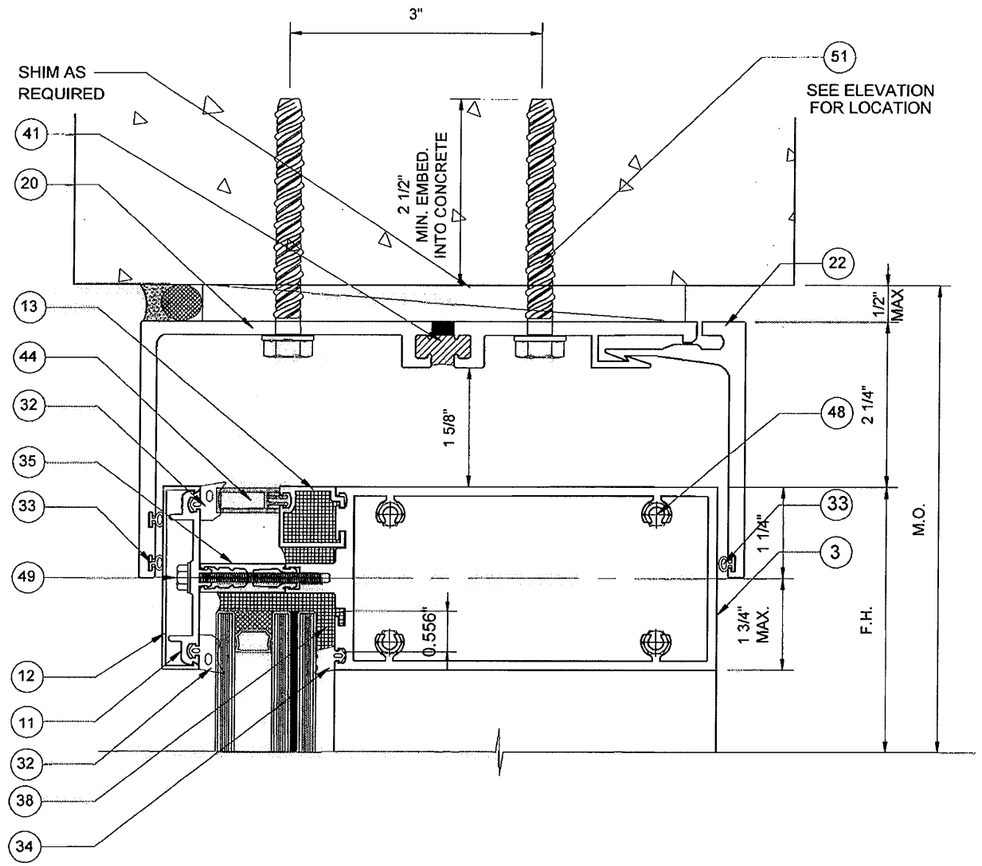
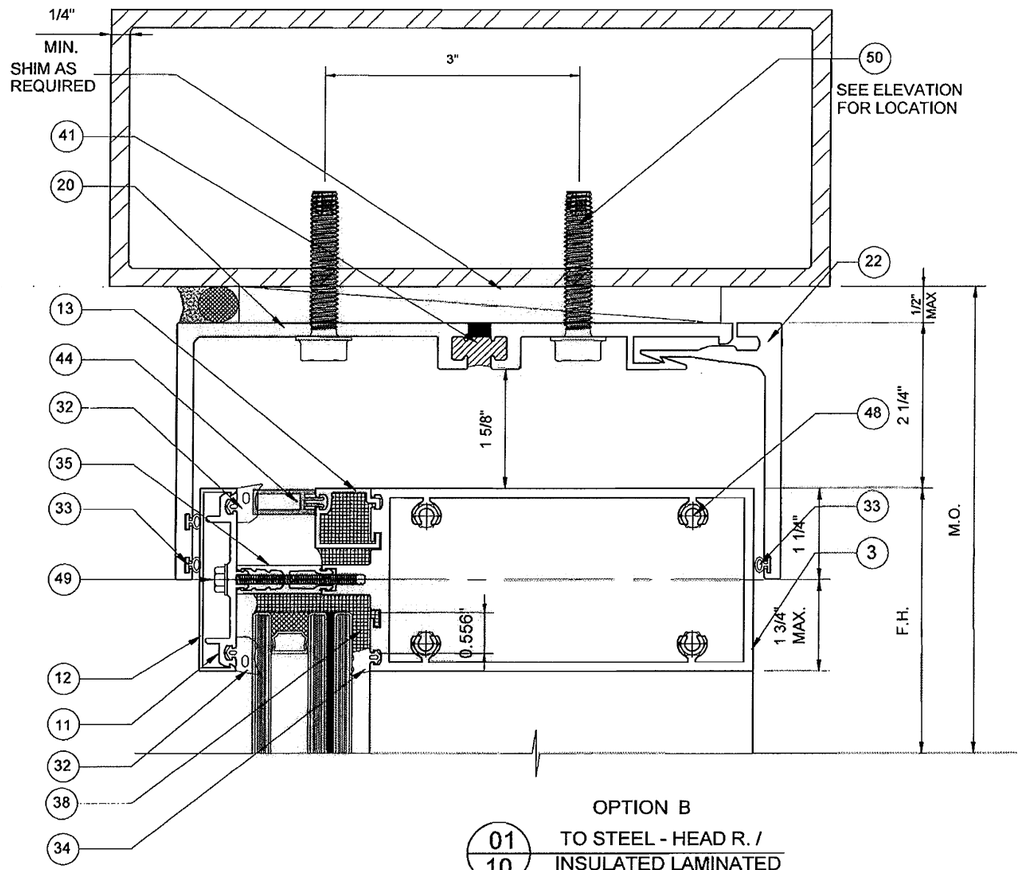
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27 2012
NOA# 12-0713.05
Miami Dade Product Control
By

REV.	COMMENTS:	DATE:	PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					GLASSWALL 3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158	SHEET 09 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:WW5250S	SCALE: -		



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



OPTION B

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

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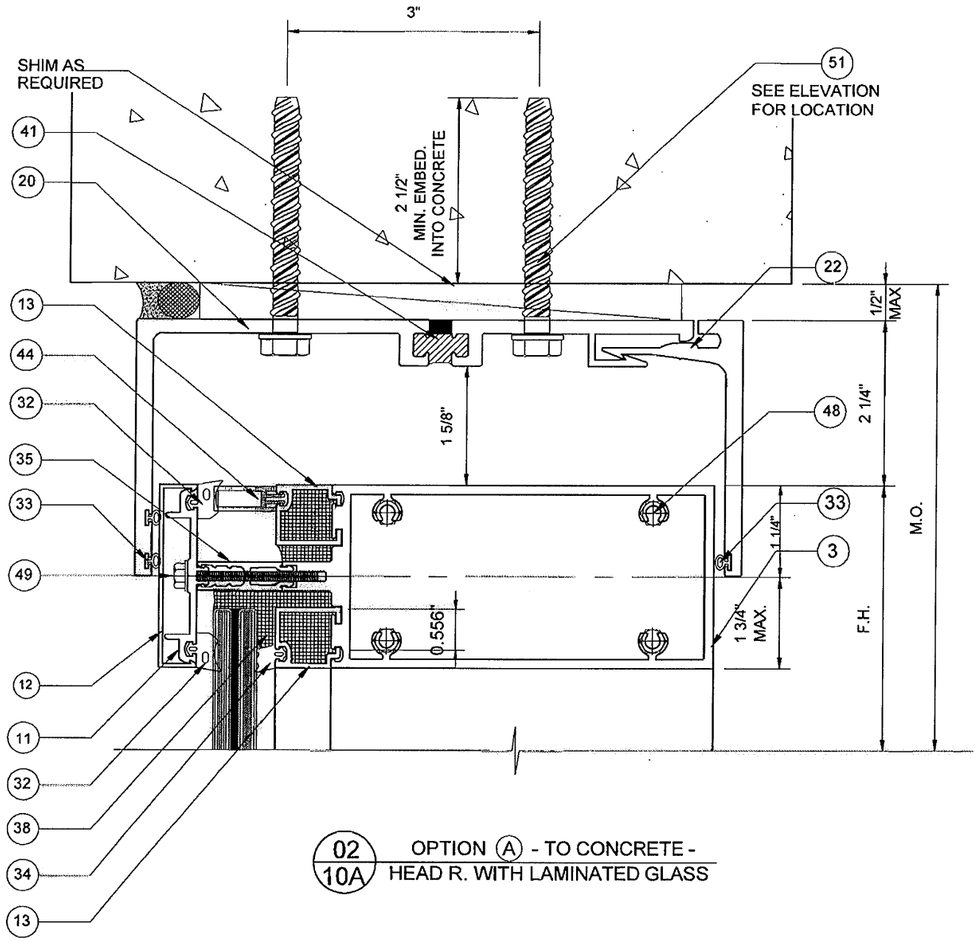
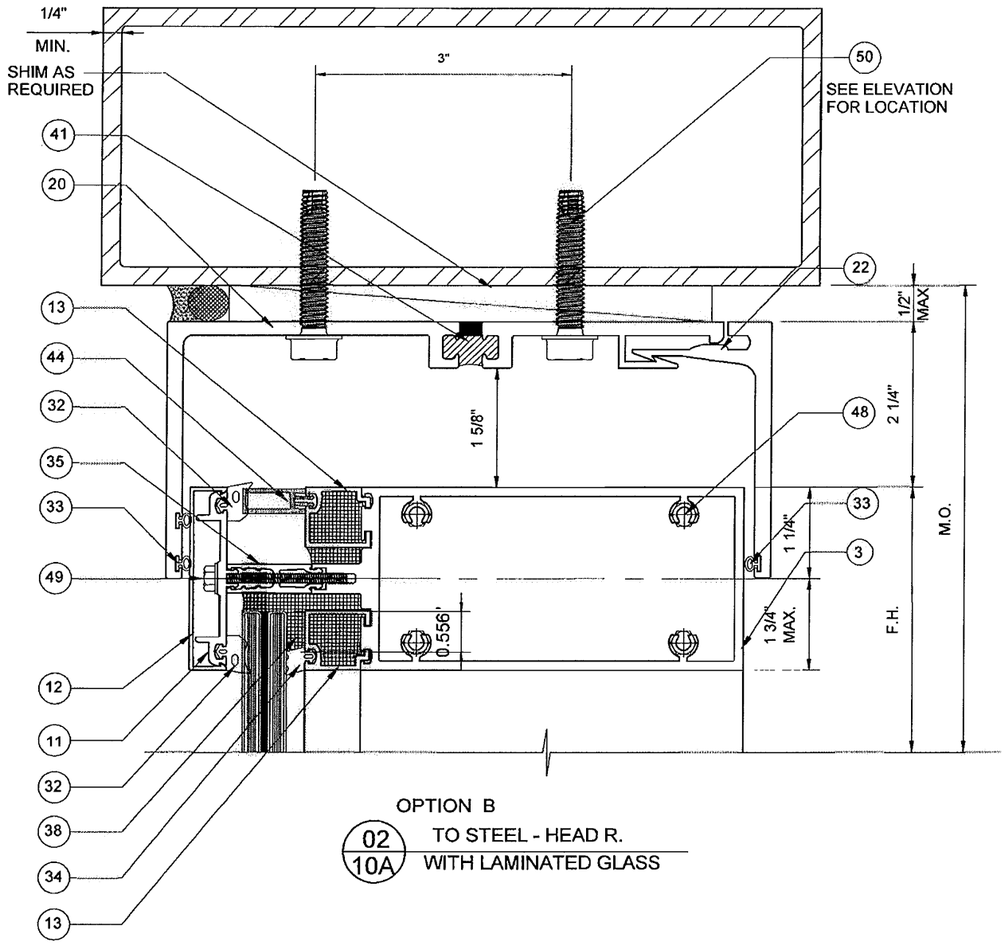
12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 10 OF 17
1 GENERAL REVIEW PER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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		



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



OPTION B

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

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Phone:207-651-3064

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

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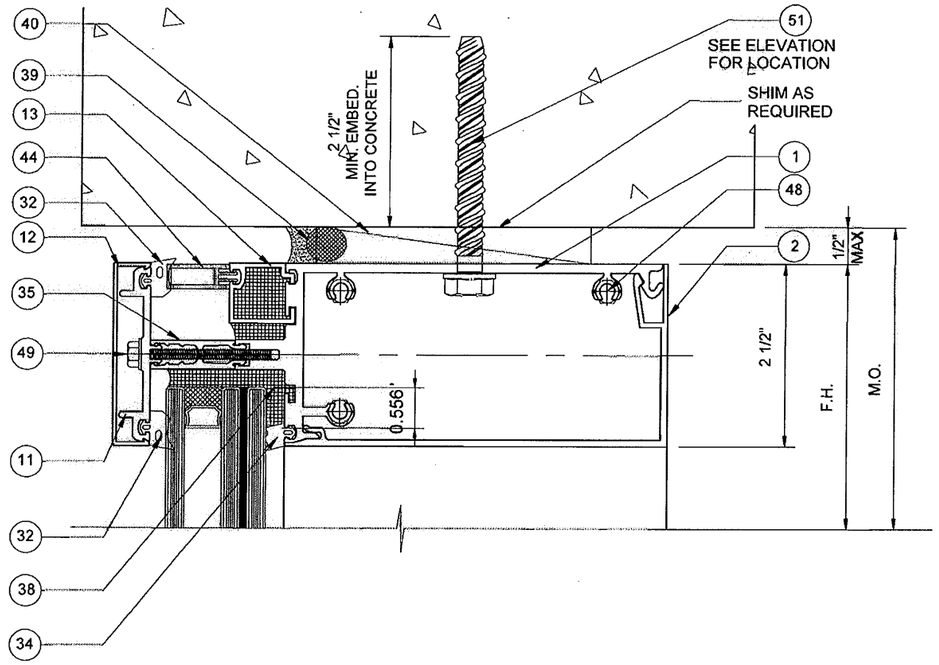
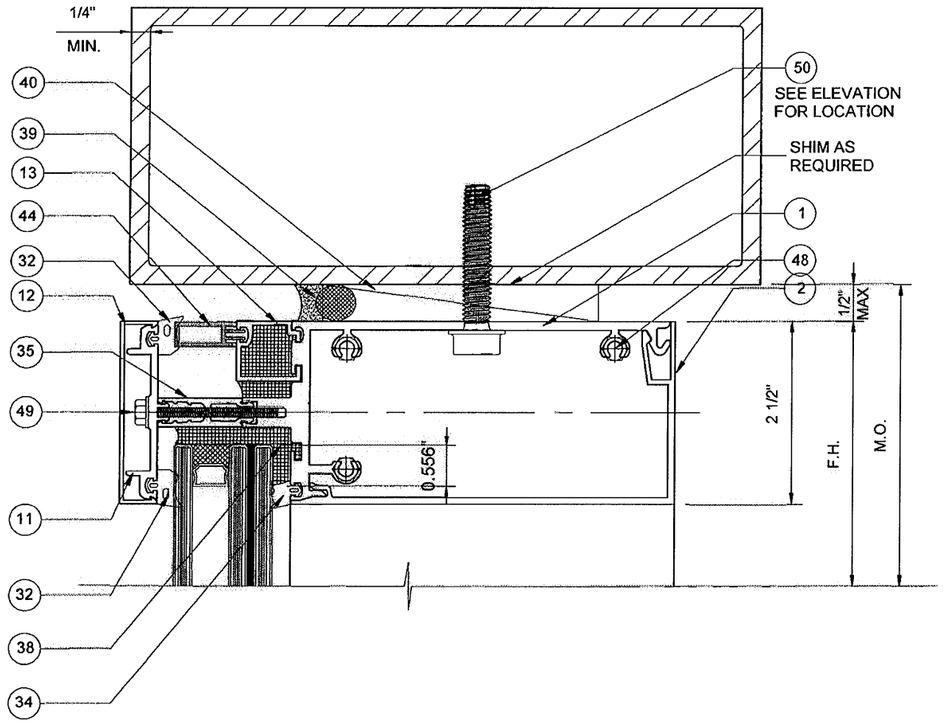
Date Dec-21-2012
NOA# 12-0913.05
Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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
FAX (305)-638-5158



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



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

Leon Murray P.E.
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1172 Lebanon Road
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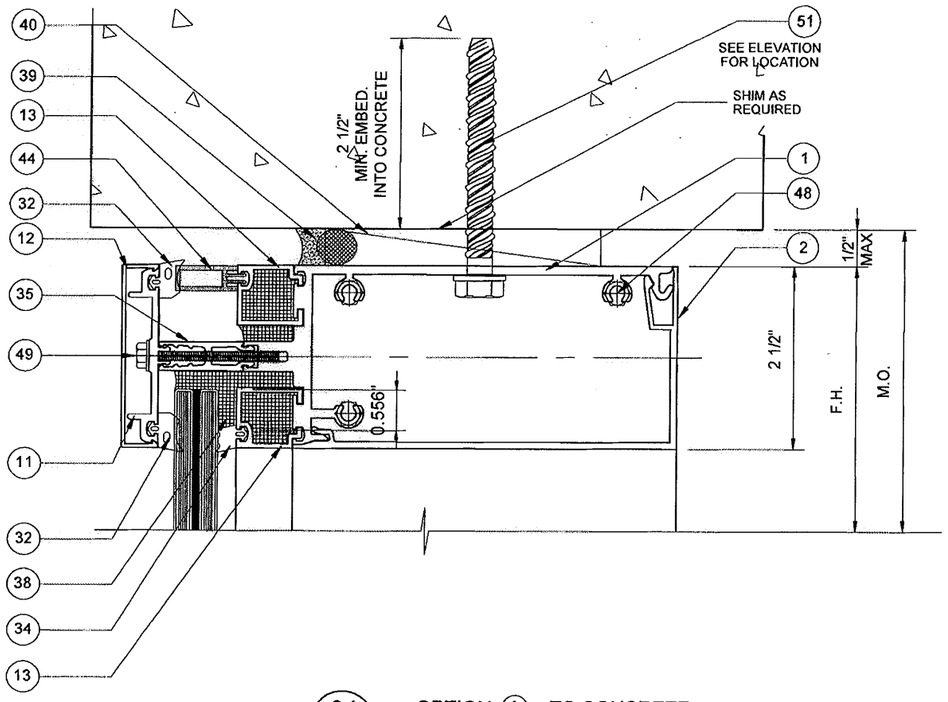
Phone:207-651-3064

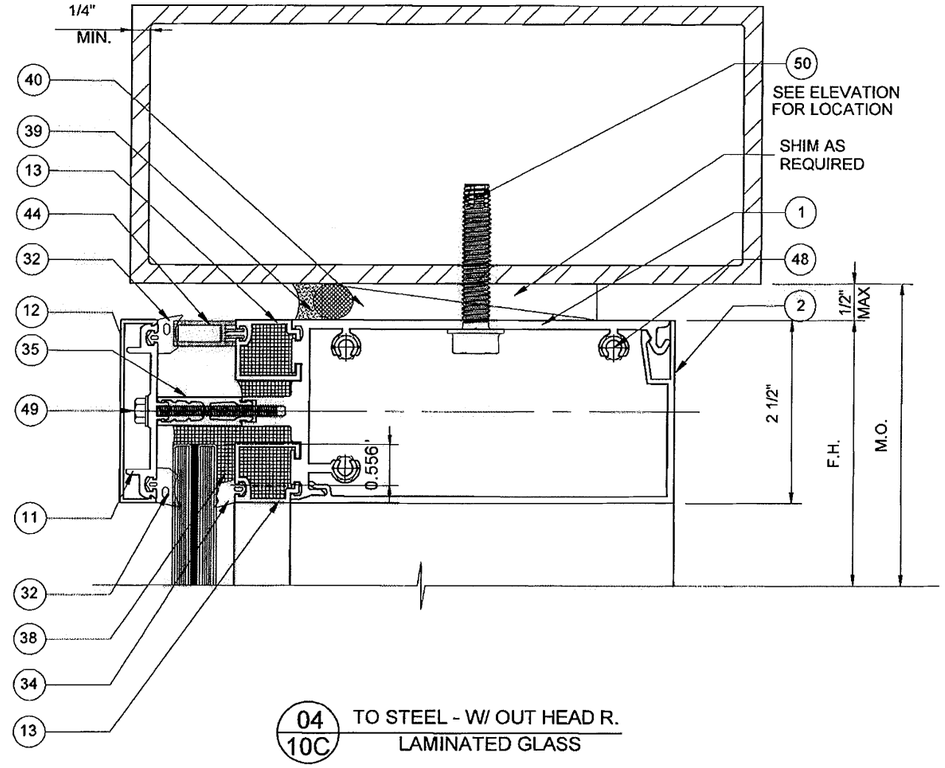
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-16-12

Approved as complying with the Florida Building Code
Date Dec. 21, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Yaumel Perez

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 10B OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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		



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



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

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12-10-12

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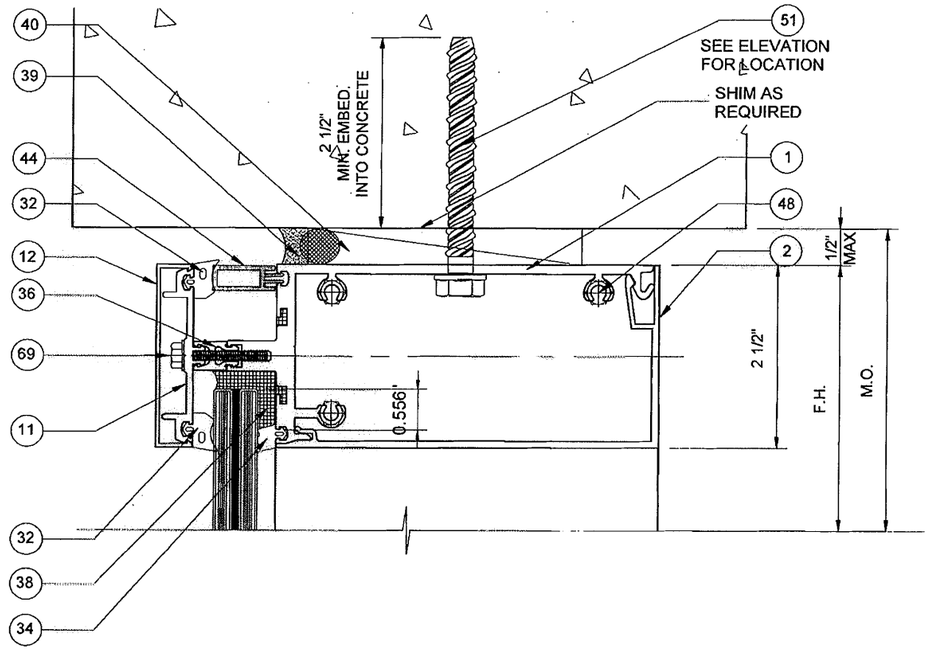
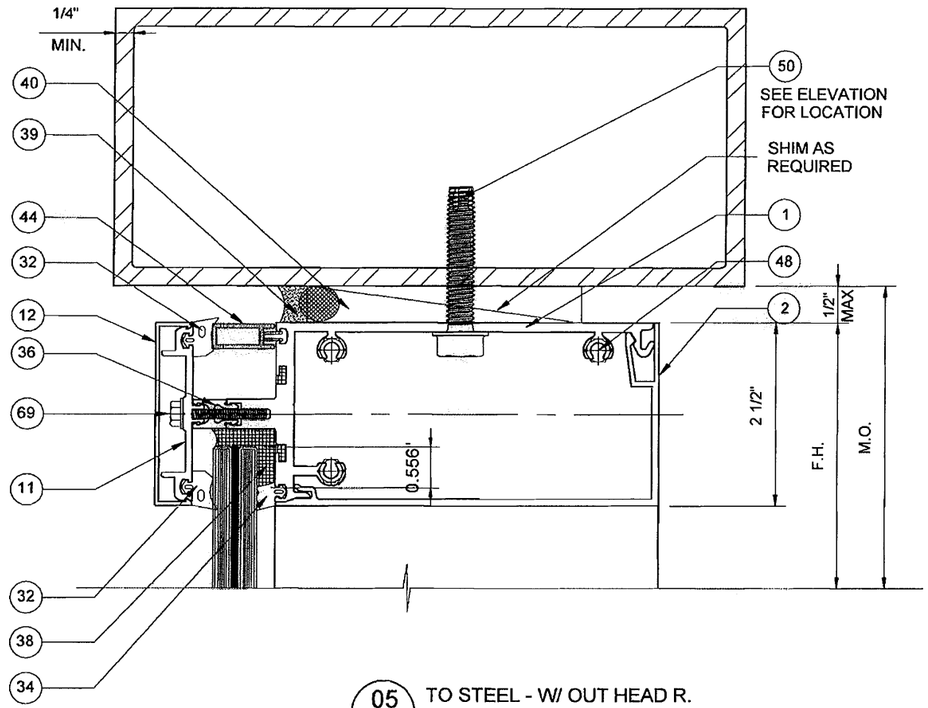
Date Dec. 27 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

COMMENTS:	DATE:	PRODUCT NAME:					
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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
FAX (305)-638-5158



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



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

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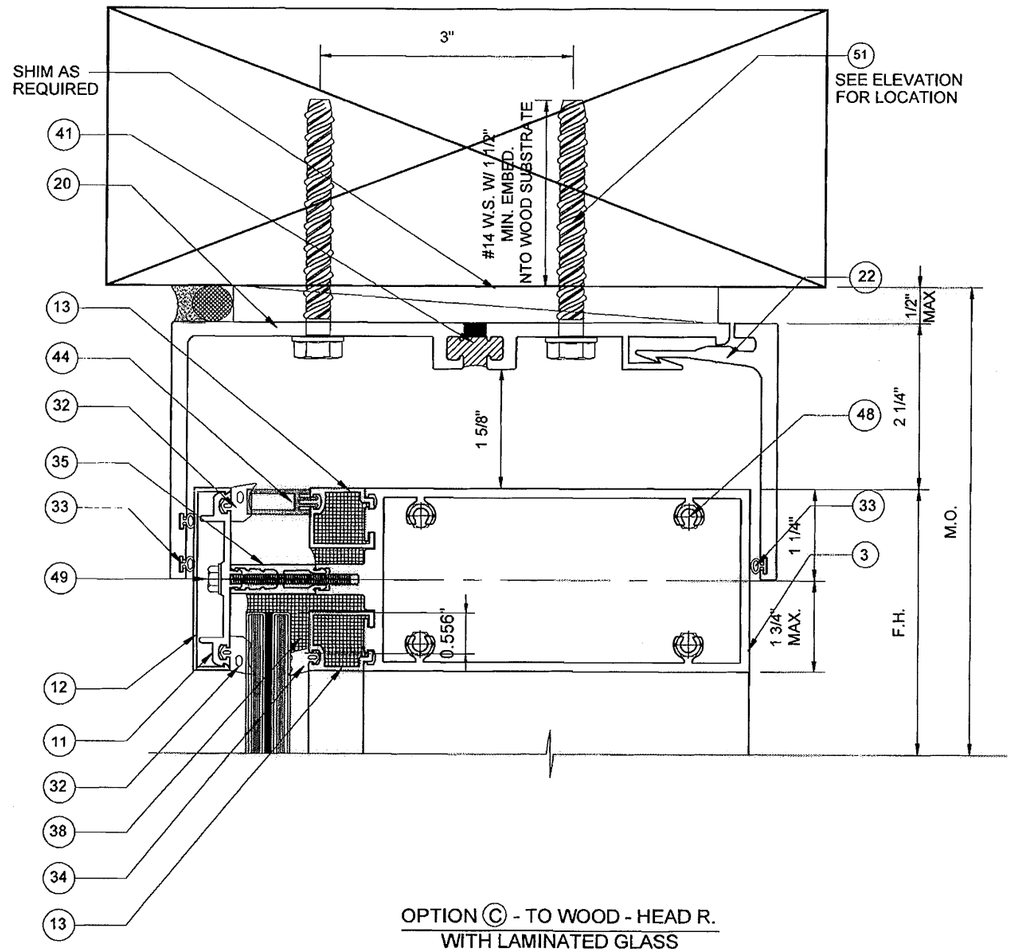
Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 10D OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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 Ⓒ - TO WOOD - HEAD R.
WITH LAMINATED GLASS

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Phone:207-651-3064

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12-16-12

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Date Dec. 27, 2012
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Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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
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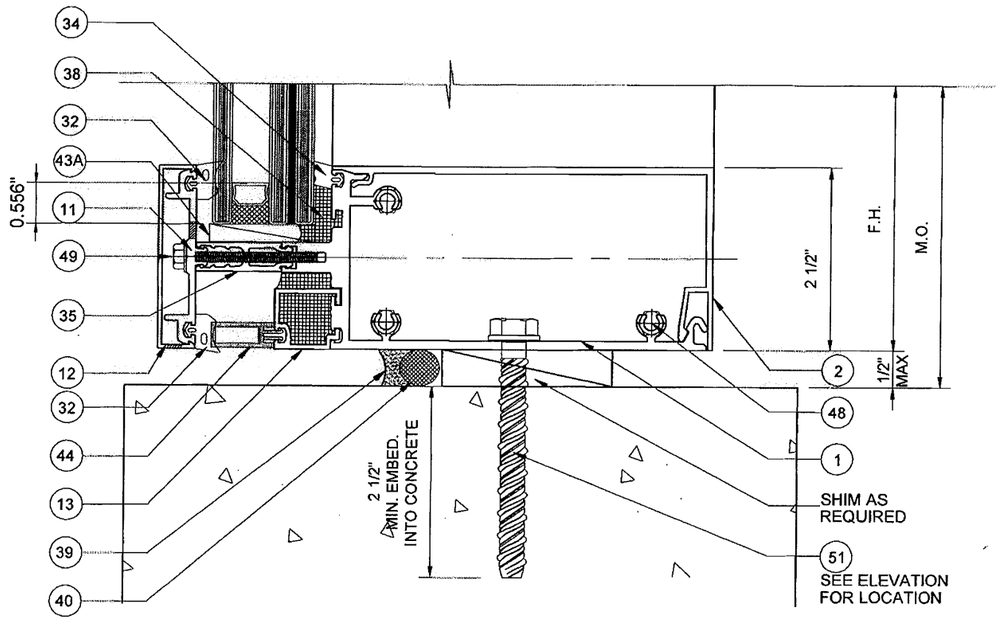
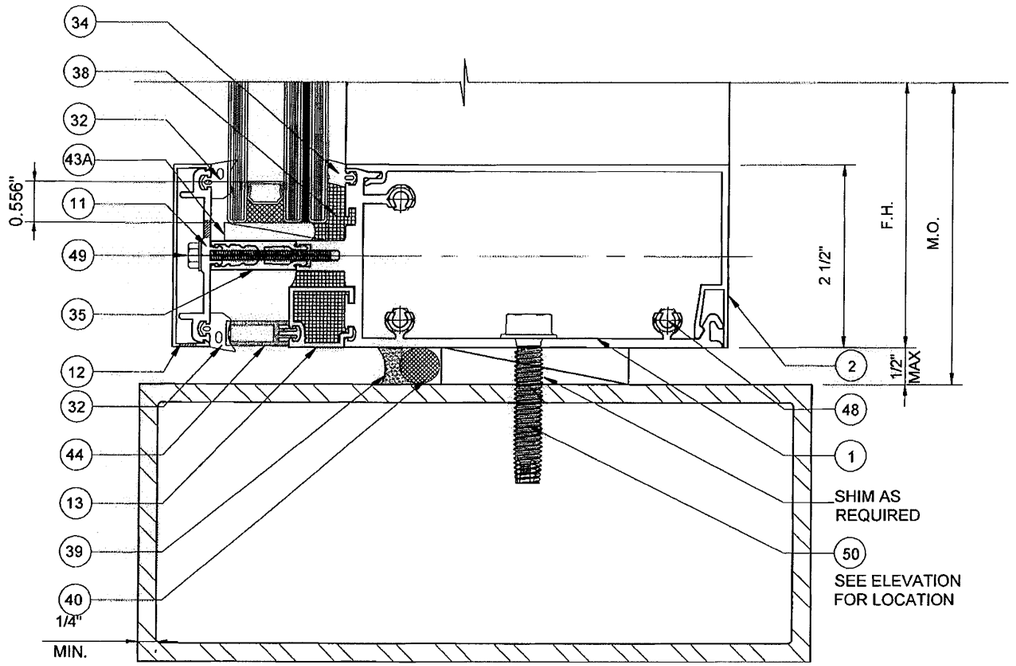
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



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



06/11 TO STEEL - SILL WITH INSULATED LAMINATED GLASS

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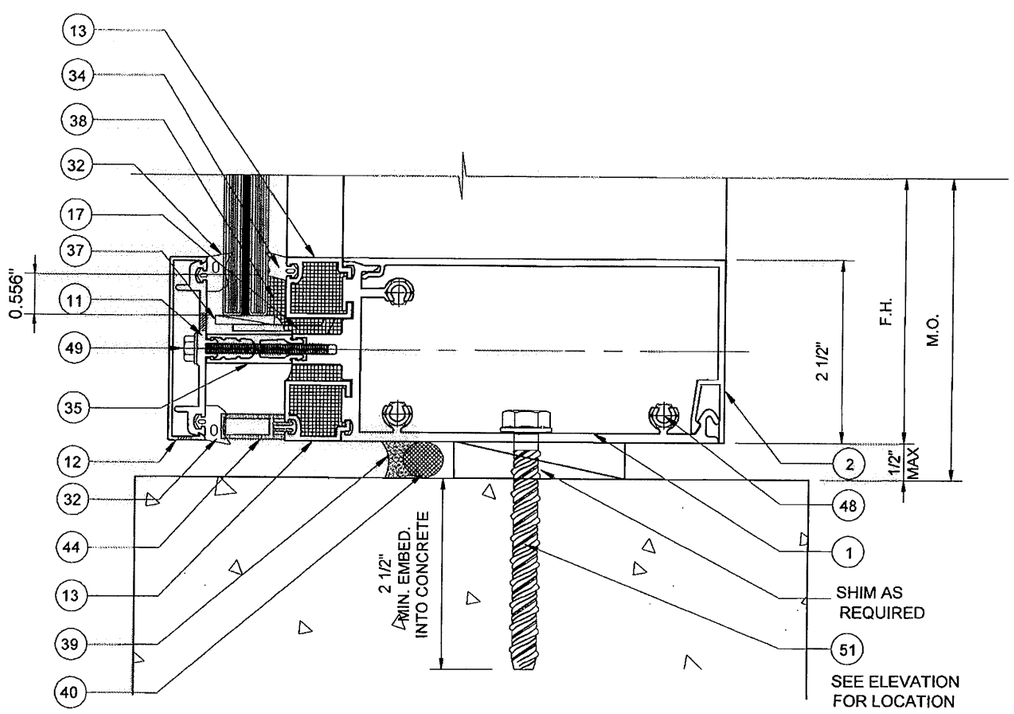
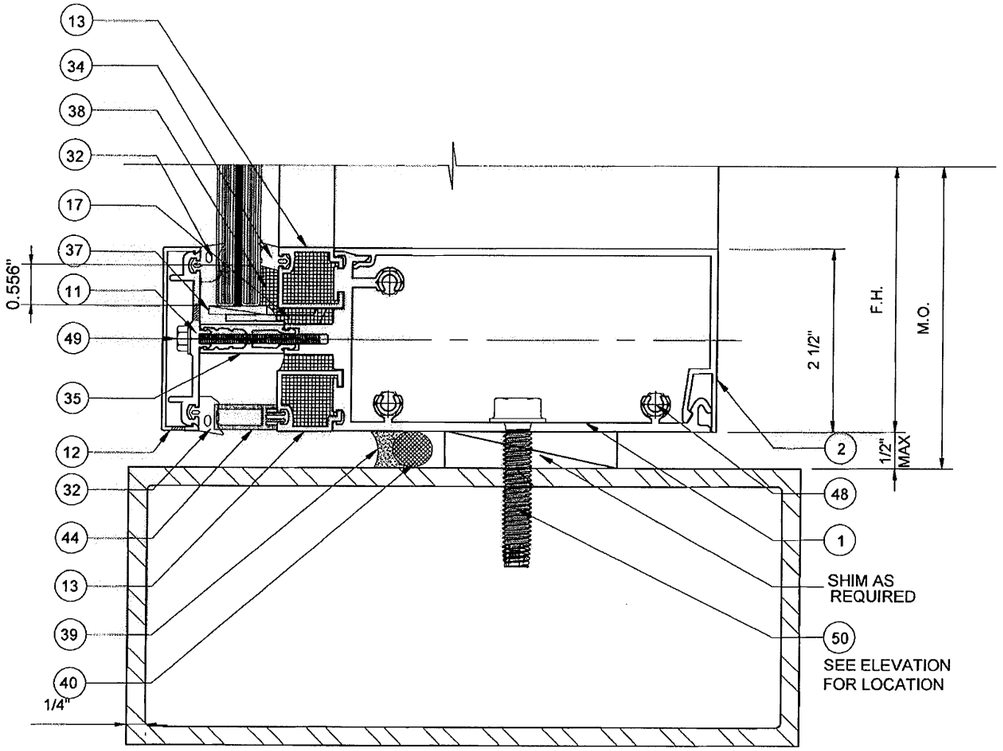
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Yaimel Perez

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 11 OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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		



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



07/11A TO STEEL - SILL WITH LAMINATED GLASS

Leon Murray P.E.
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12.10.12

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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 SMALL 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	

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MIAMI, FLORIDA 33142
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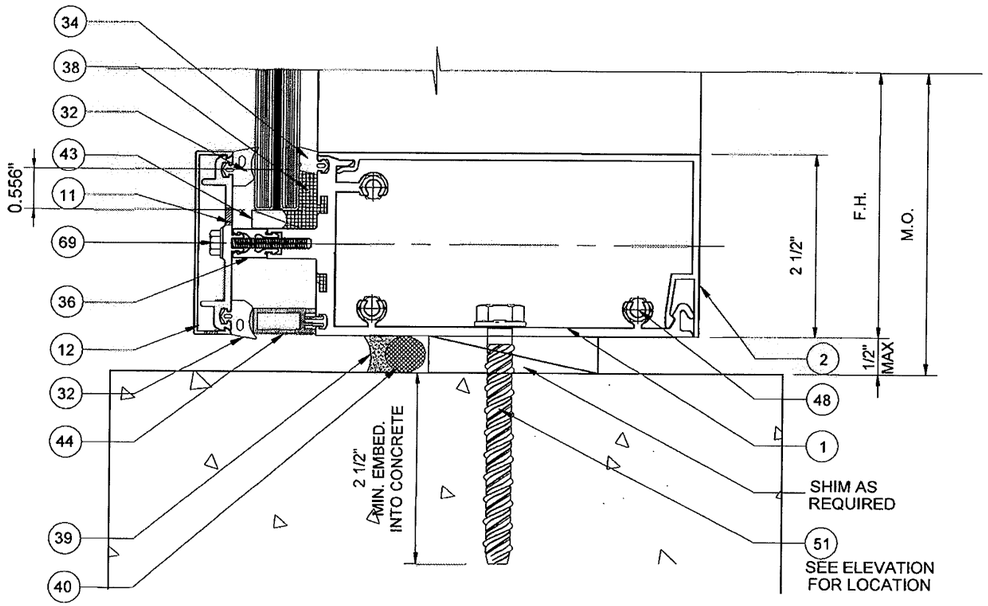
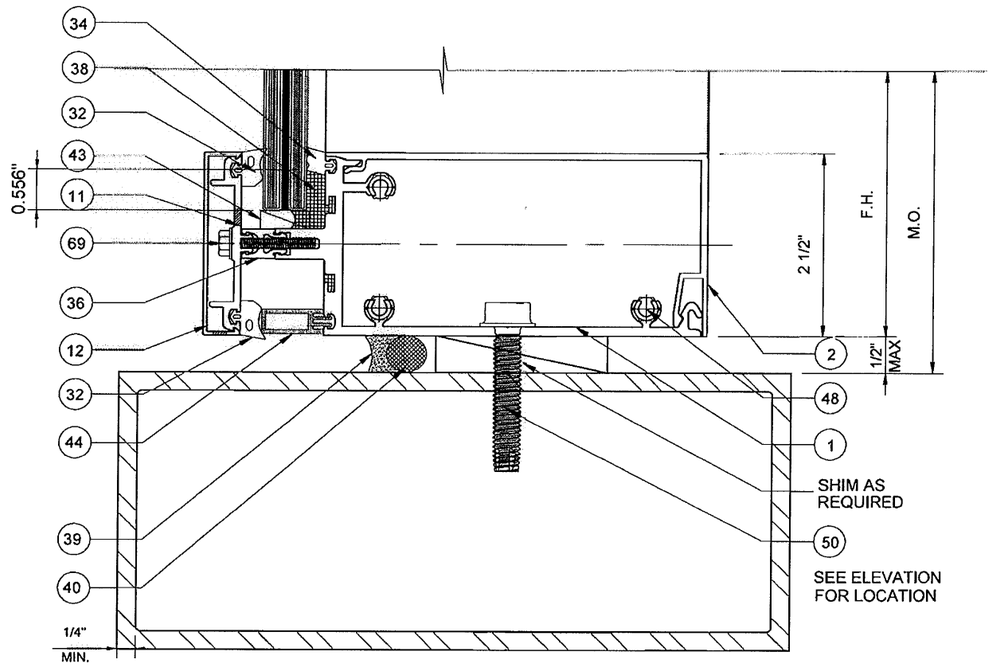


08/11B OPTION (A) - TO CONCRETE - SILL WITH LAMINATED GLASS



08/11B TO STEEL - SILL WITH LAMINATED GLASS

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LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-6-12

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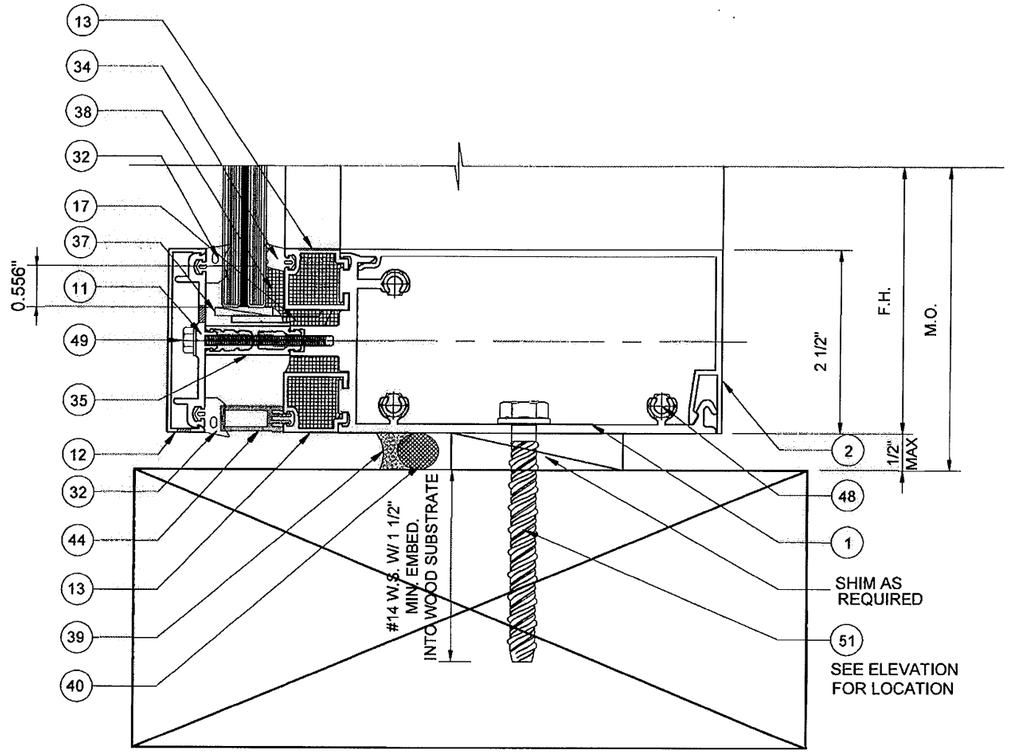
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 11B OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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 Ⓒ - TO WOOD -
SILL WITH LAMINATED GLASS

Leon Murray P.E.
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LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-16-12

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Date Dec. 27, 2012
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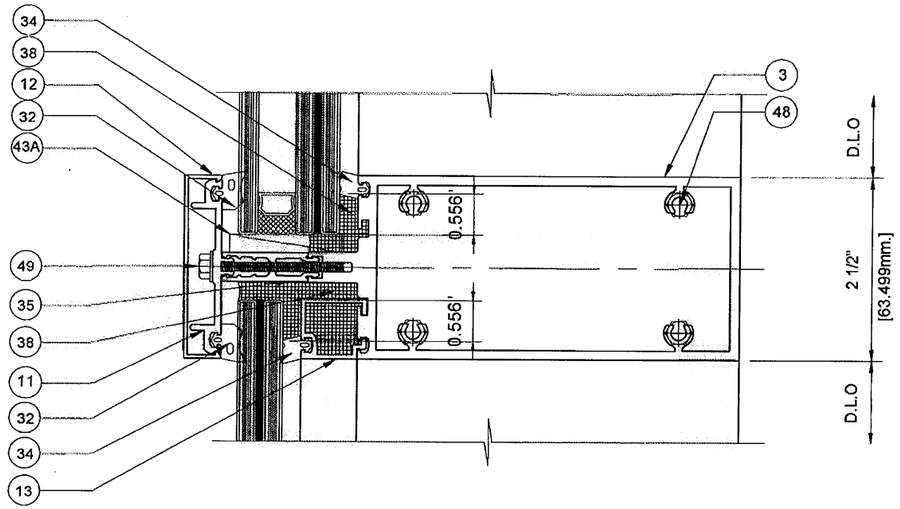
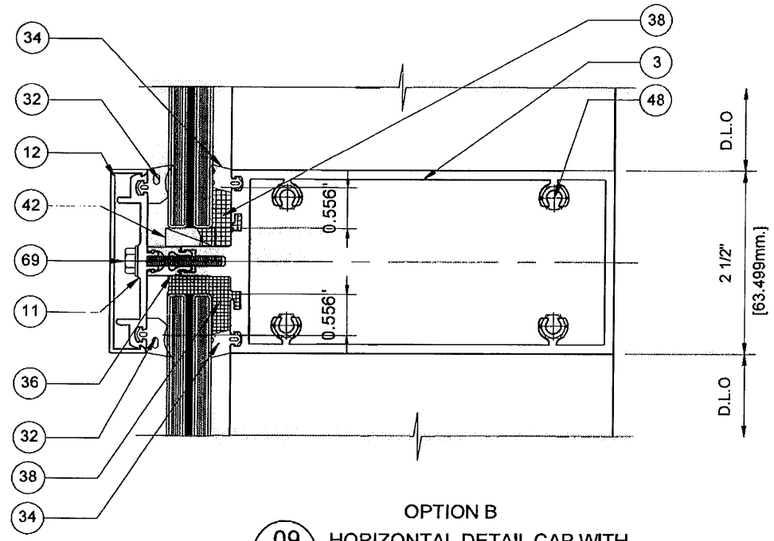
Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 11C OF 17
① GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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		



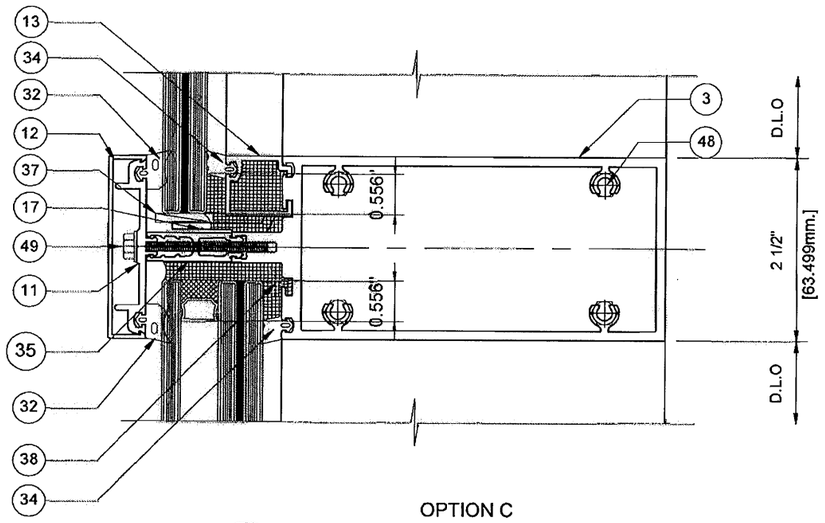
OPTION A

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

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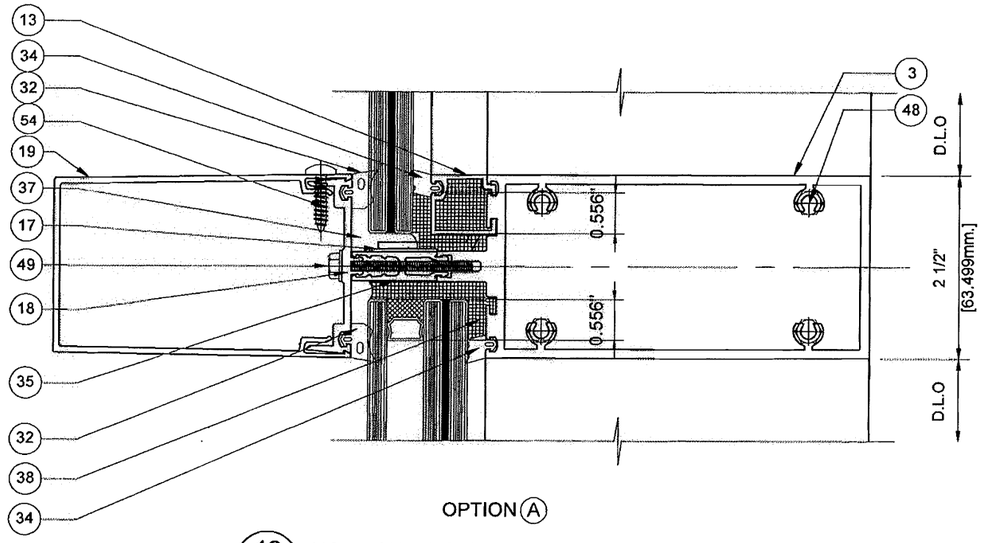
Date Dec. 27, 2012
NOA# 12-0413.05
Miami Dade Product Control
By Manuel Perez

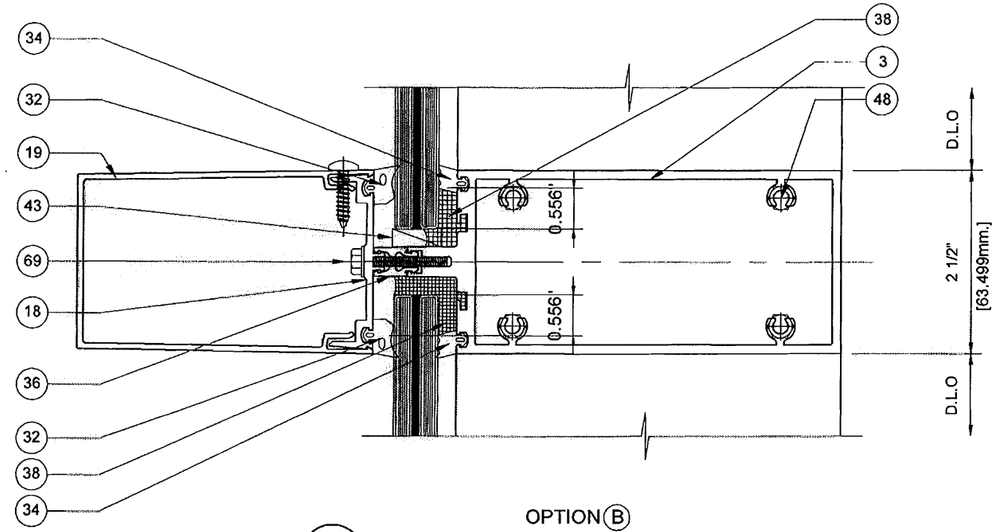
COMMENTS:	DATE:	PRODUCT NAME:					
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					
2 GENERAL REVIEW PER COMMENTS	12/11/2012	DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO:WW5250S	SCALE: 1:2	

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



OPTION Ⓐ

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



OPTION Ⓑ

12 / 12A HORIZONTAL DETAIL EXTENDED CAP WITH LAMINATED GLASS

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By

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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 SMALL 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	

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MIAMI, FLORIDA 33142
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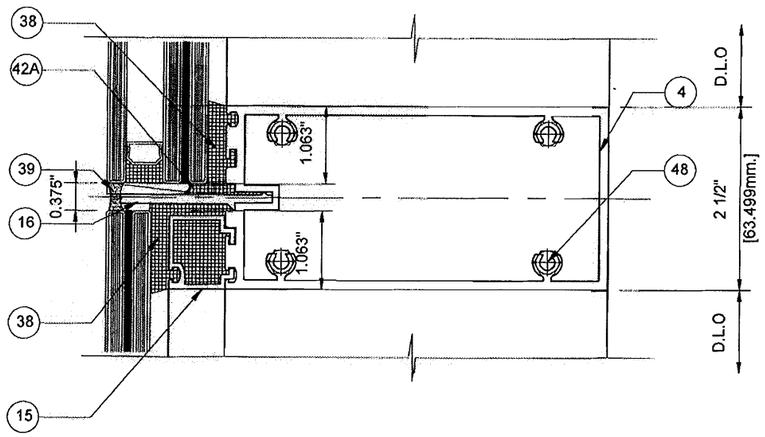
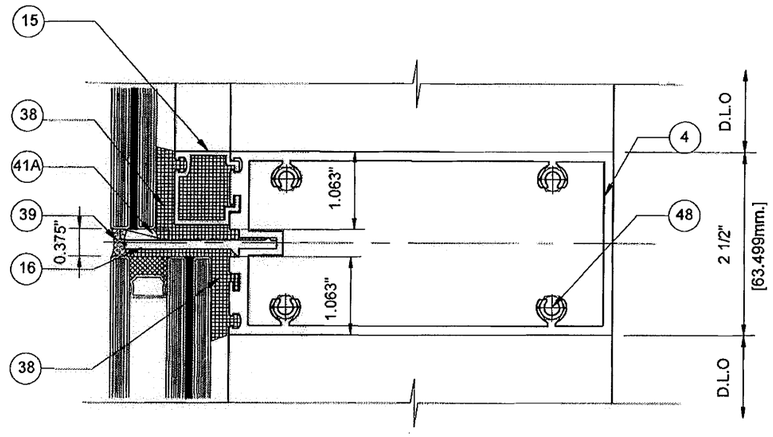


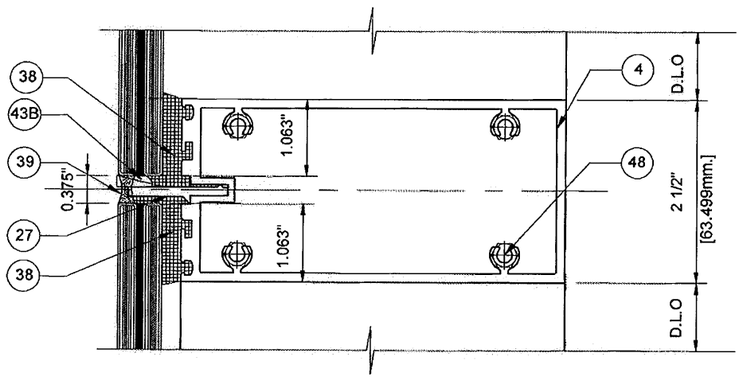
OPTION Ⓐ

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



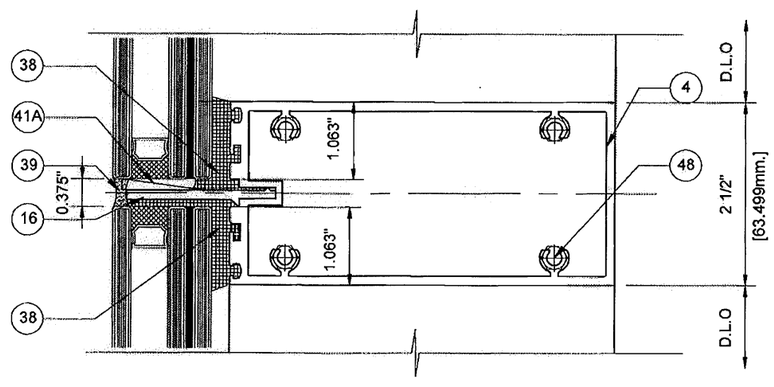
OPTION Ⓑ

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

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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 SMALL 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
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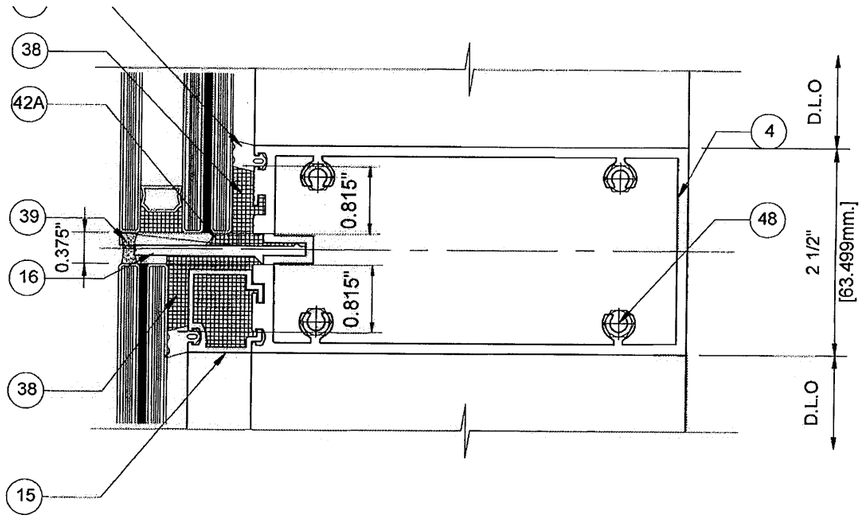
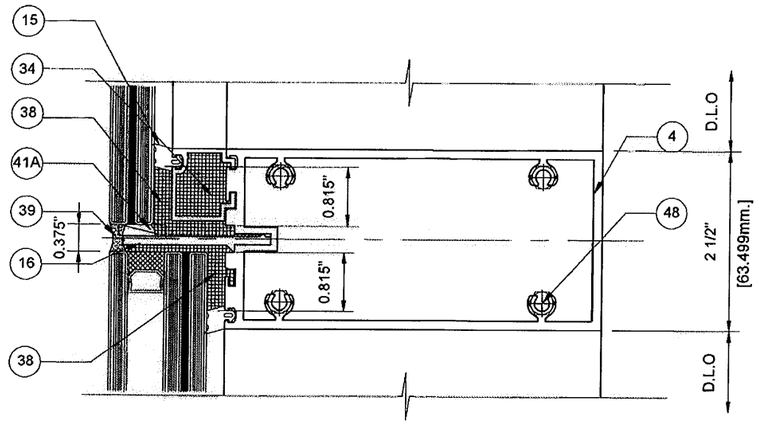


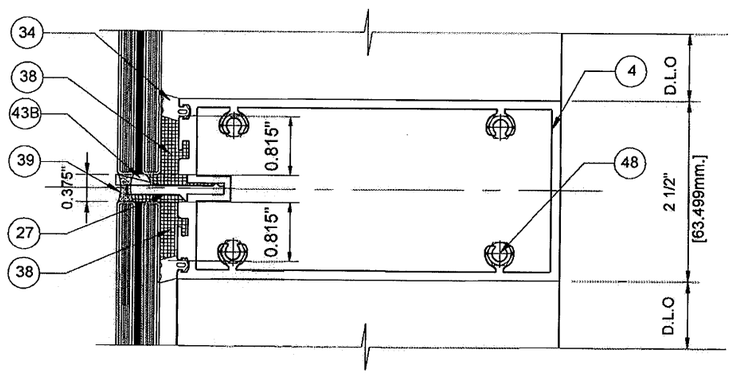
OPTION Ⓐ

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



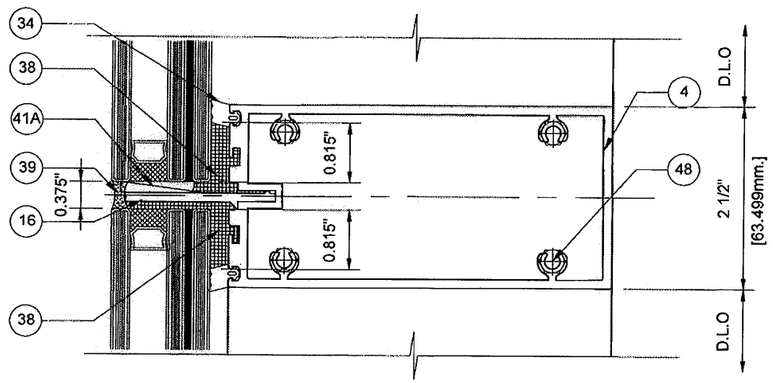
OPTION Ⓑ

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

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

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Date Dec 27 2012
NOA# 12-0113.05
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 SMALL MISSILE

DRAWN BY: YEIMEL FERRER | DATE: 11/06/2012 | CHECKED BY: O. SOUFFRONT | DWG NO:WW5250S | SCALE: 1:2

GLASSWALL
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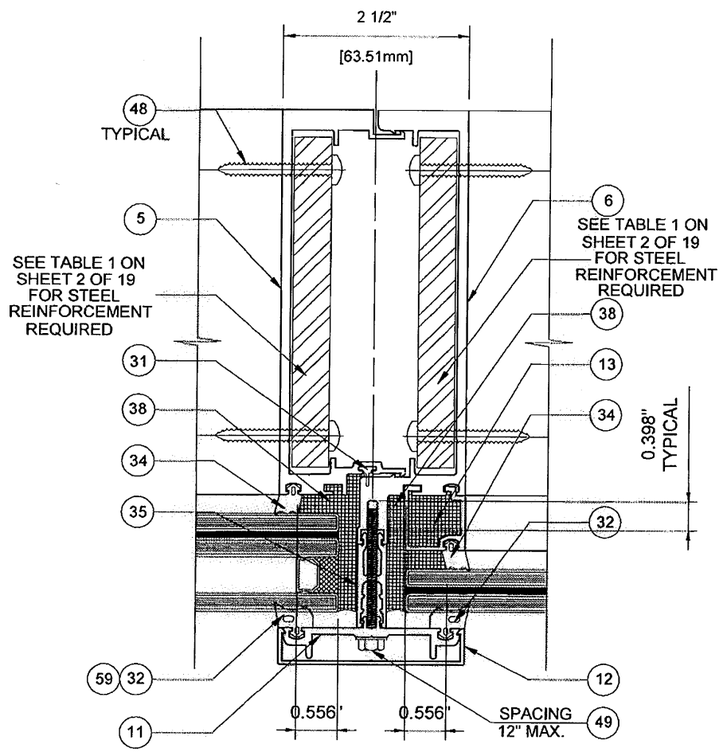
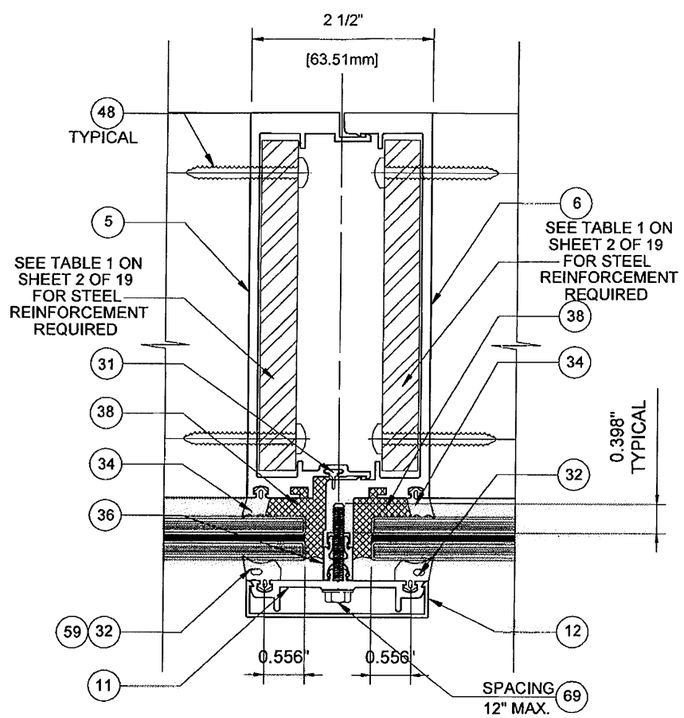
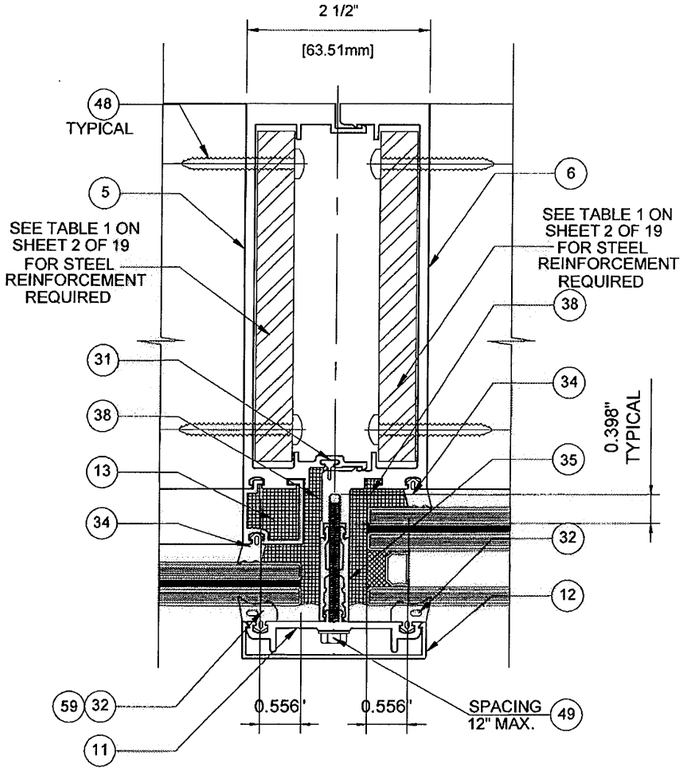


15/13 VERTICAL DETAIL WITH INSULATED LAMINATED / LAMINATED GLASS



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

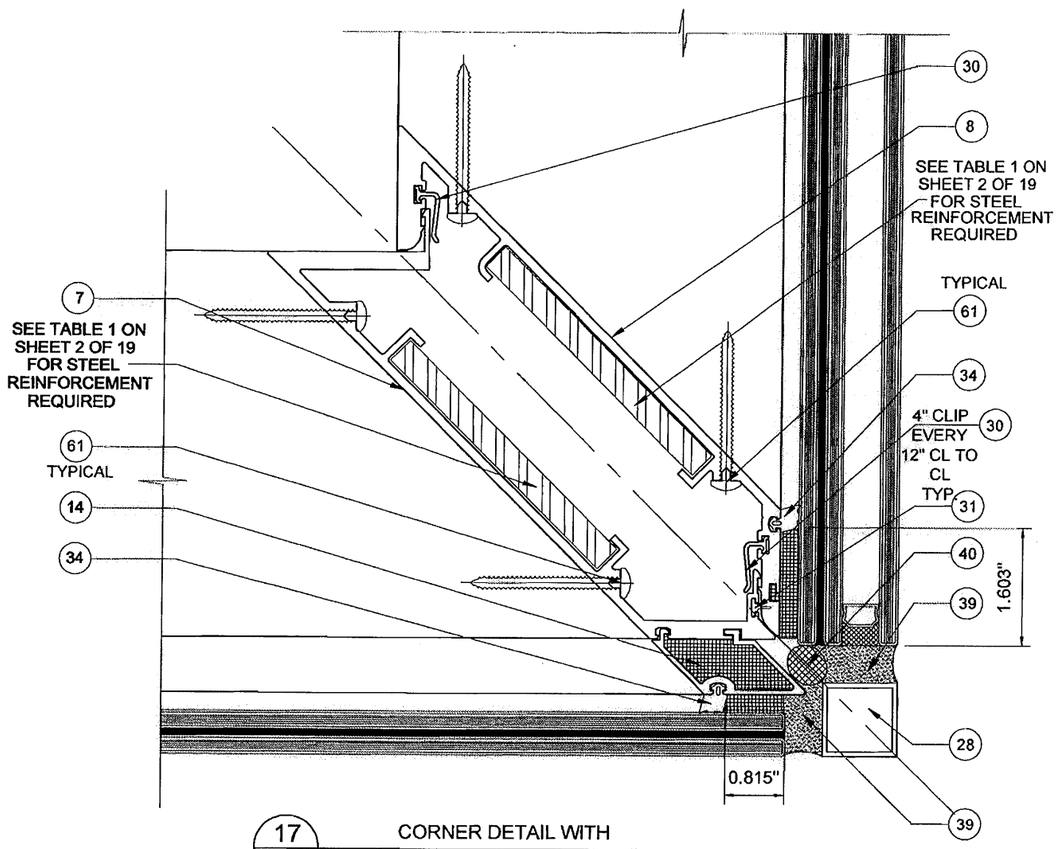
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

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

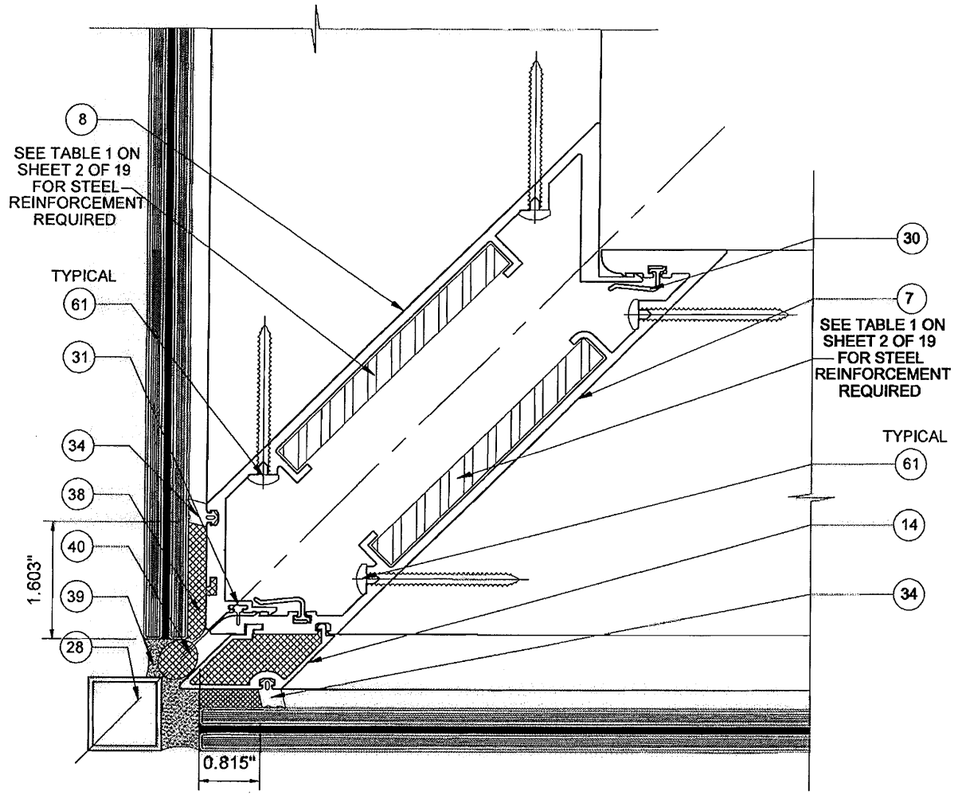
PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE

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
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

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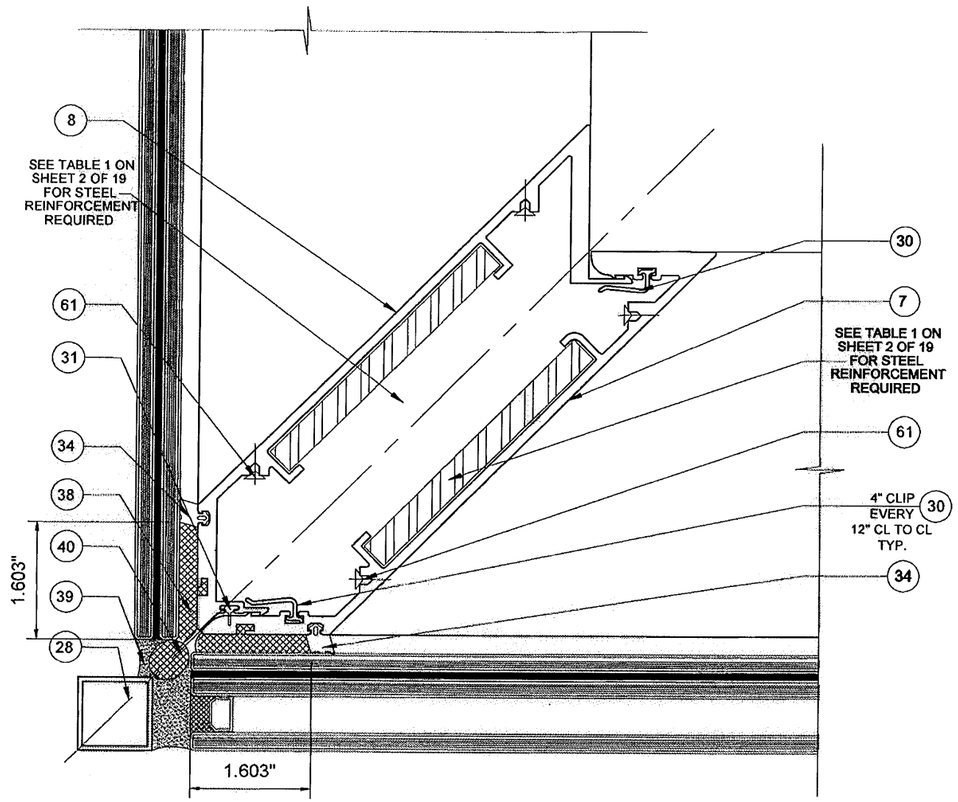
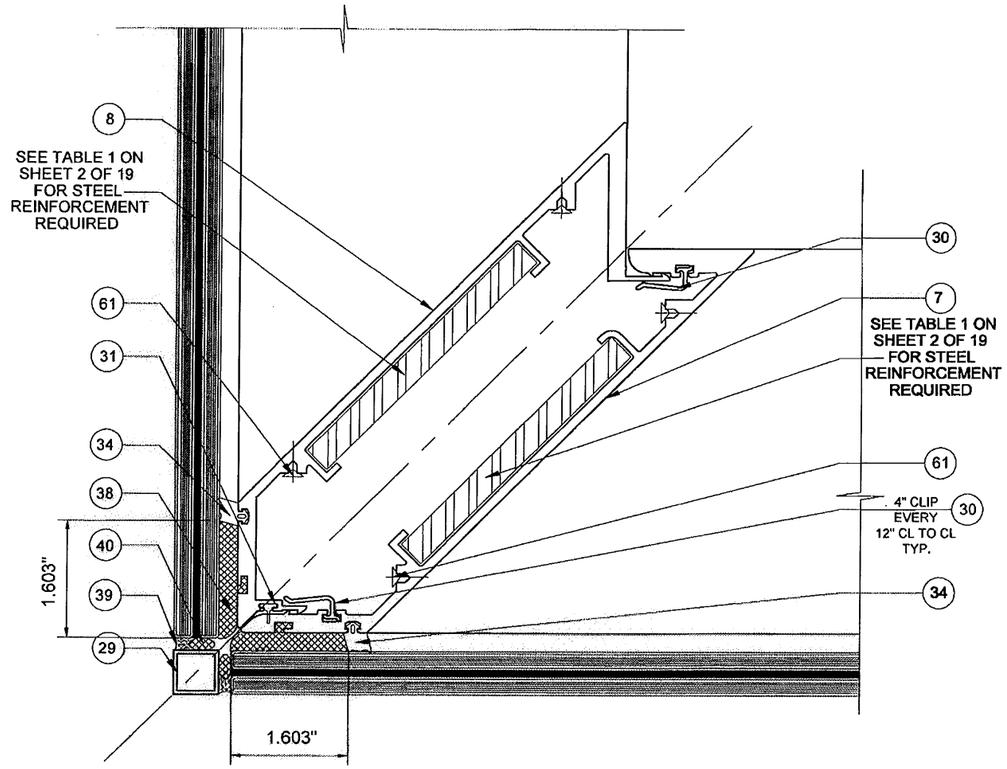
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0413.05
Miami Dade Product Control
By Manuel Ferrer

COMMENTS:	DATE:	PRODUCT NAME:					
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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
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
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Phone:207-651-3064

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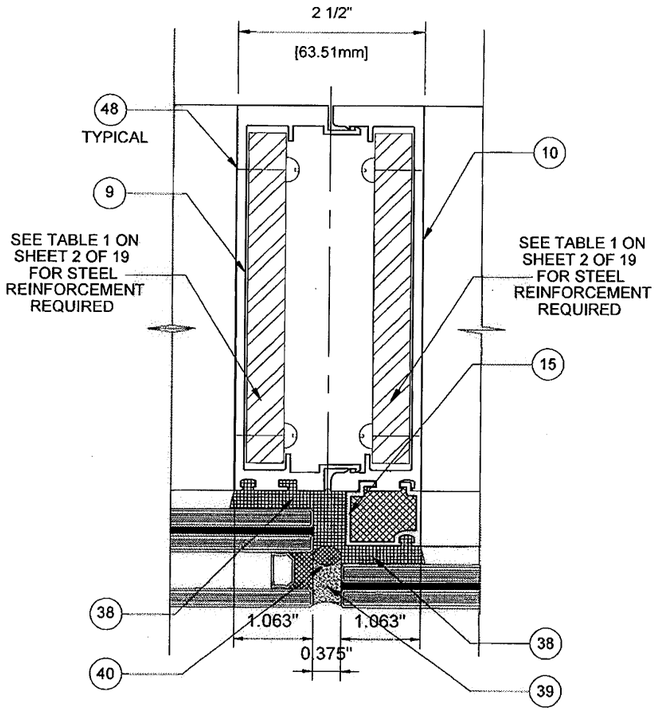
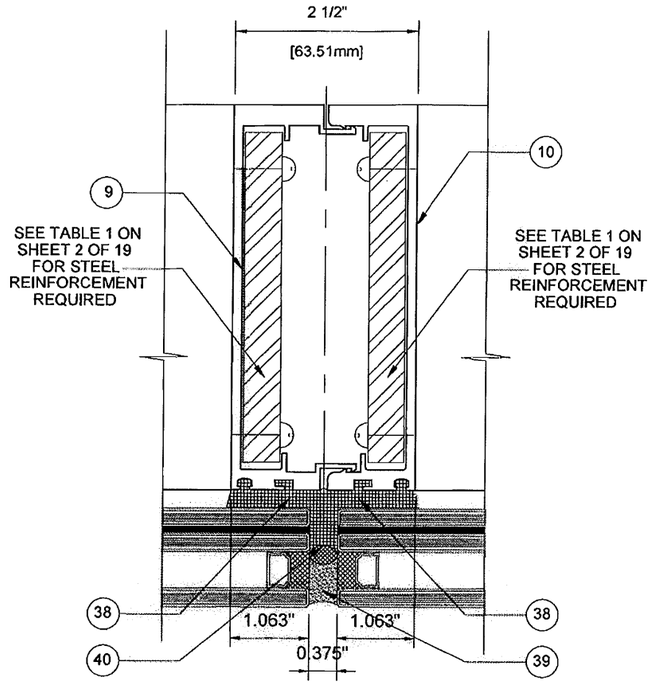
Approved as complying with the Florida Building Code
Date Dec. 27 2012
NOA# 12-0613.05
Miami Dade Product Control
By Manuel Perez

COMMENTS:	DATE:	PRODUCT NAME:					
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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.W49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158

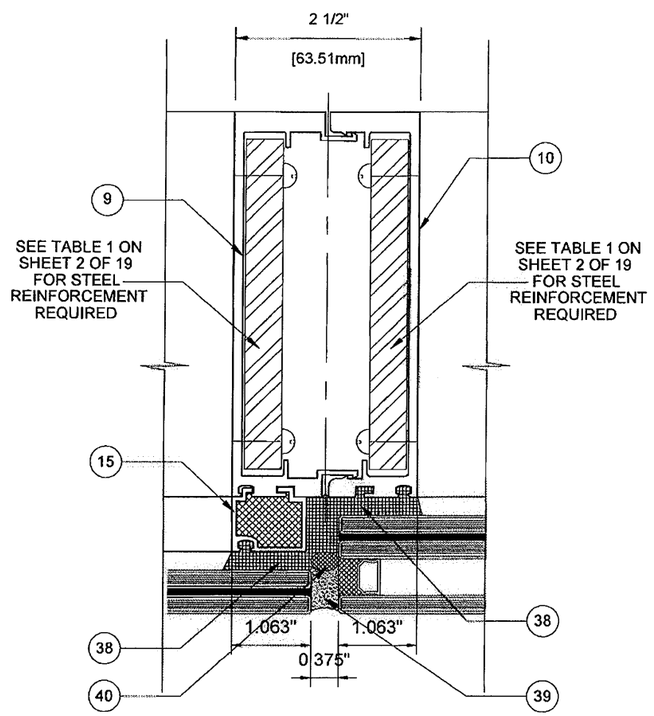


20/13C VERTICAL DETAIL WITH INSULATED LAMINATED / LAMINATED GLASS



21/13C VERTICAL DETAIL WITH INSULATED LAMINATED GLASS

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



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

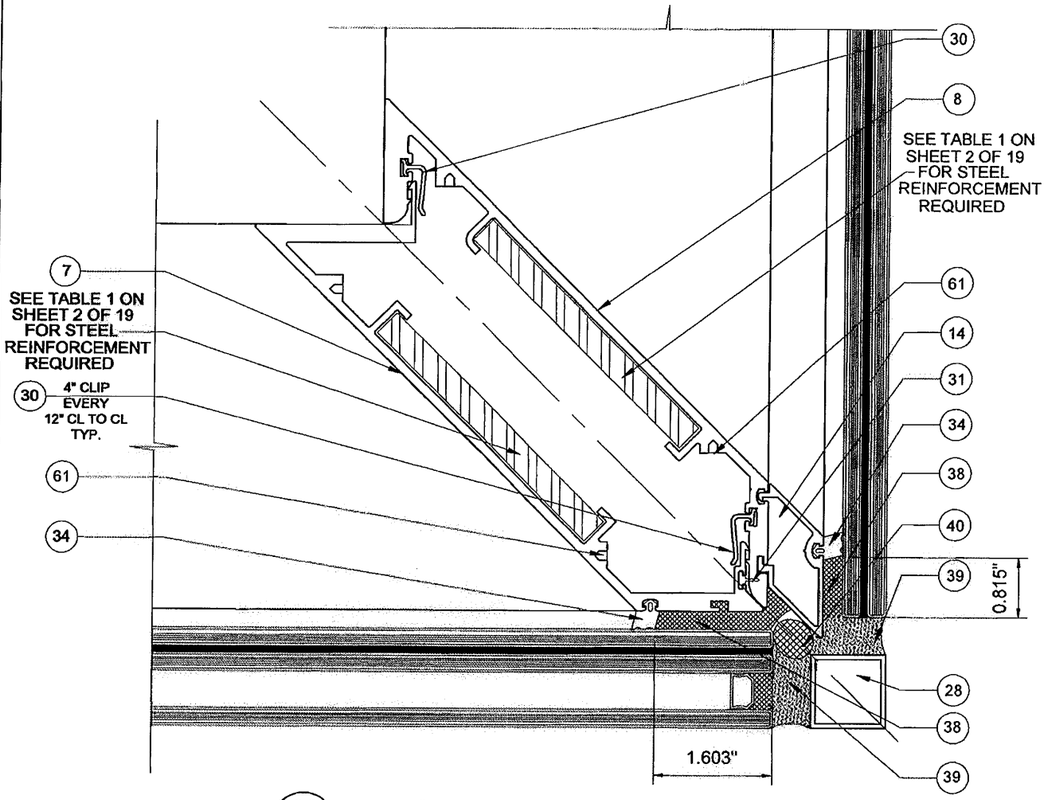
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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

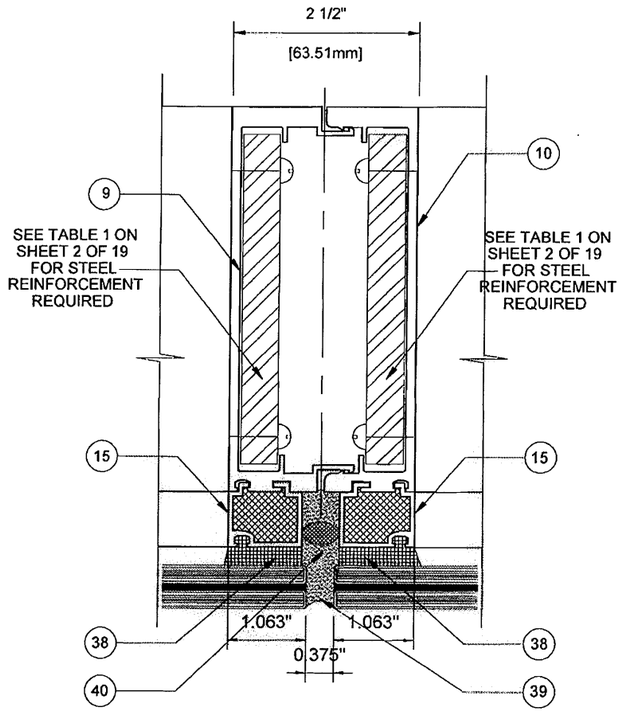
Approved as complying with the Florida Building Code
Date Dec 27 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

COMMENTS:	DATE:	PRODUCT NAME:					
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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	

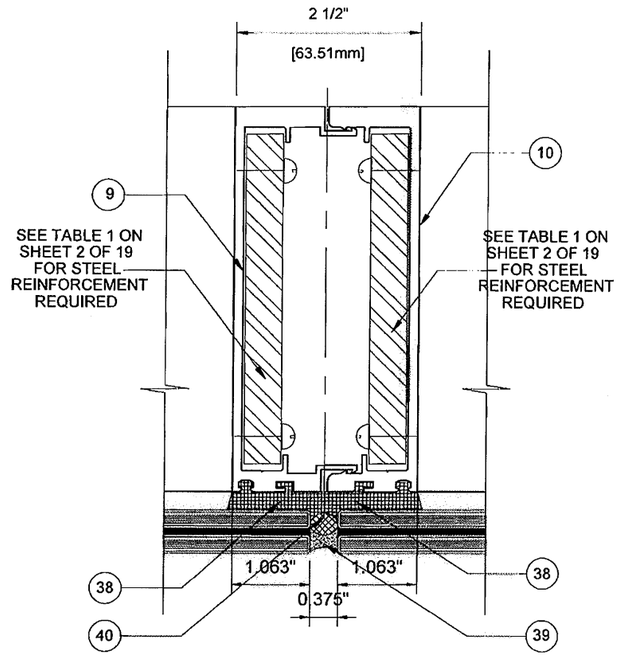
GLASSWALL
3550 N.W 49 STREET
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



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

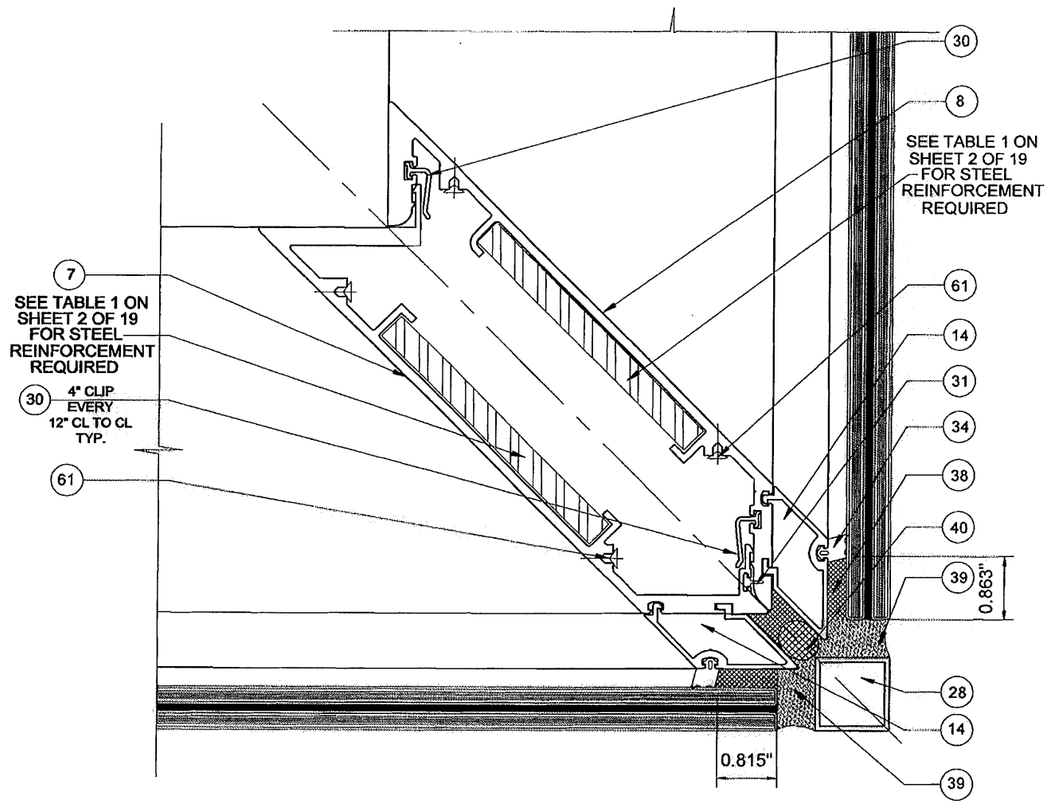
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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

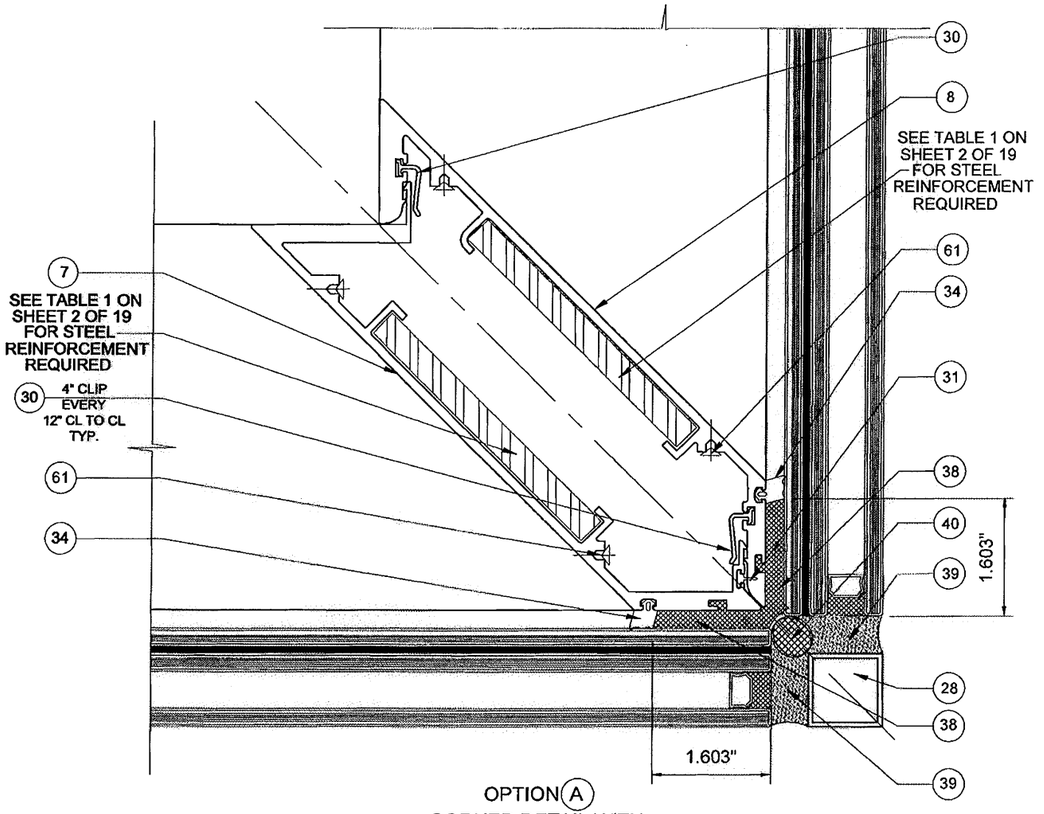
Approved as complying with the Florida Building Code
Date Dec. 21 2012
NOA# 12-0913.05
Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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
FAX (305)-638-5158



25A / 13E CORNER DETAIL WITH LAMINATED GLASS



OPTION (A) CORNER DETAIL WITH INSULATED LAMINATED GLASS

Leon Murray P.E.
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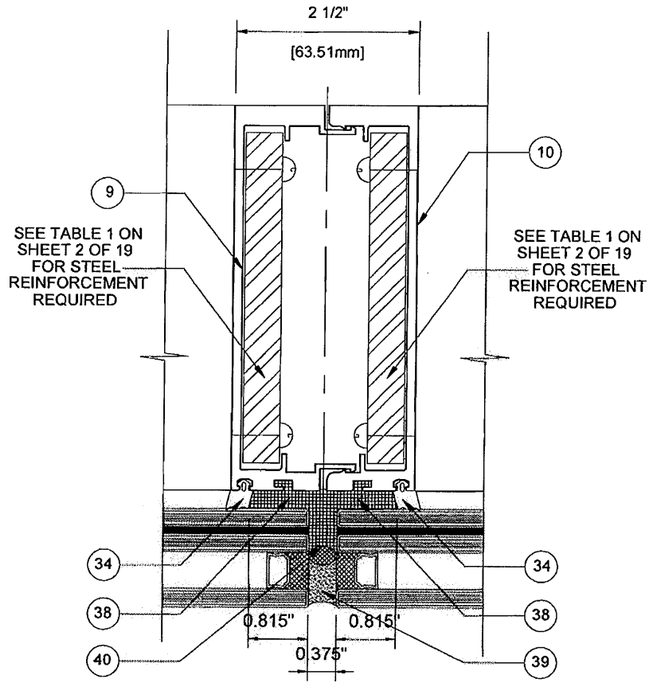
Phone:207-651-3064

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

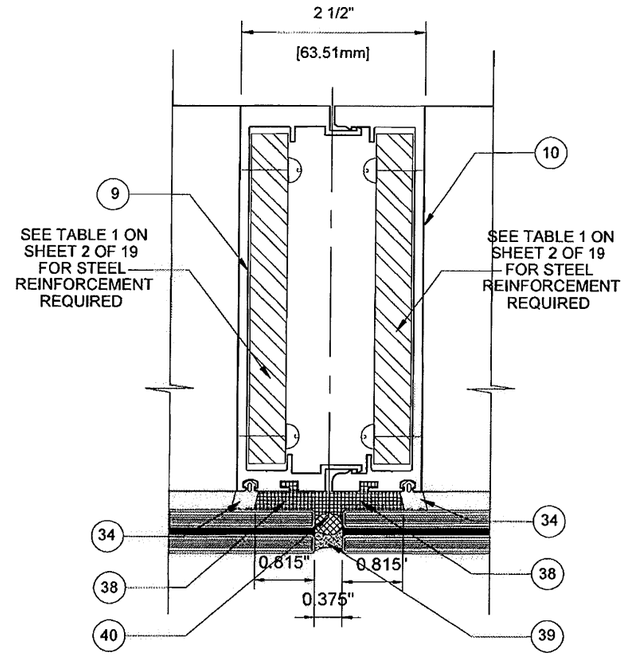
Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 10-0913.05
Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 13E OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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)

25B / 13F VERTICAL DETAIL WITH INSULATED LAMINATED GLASS



OPTION (B)

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

Leon Murray P.E.
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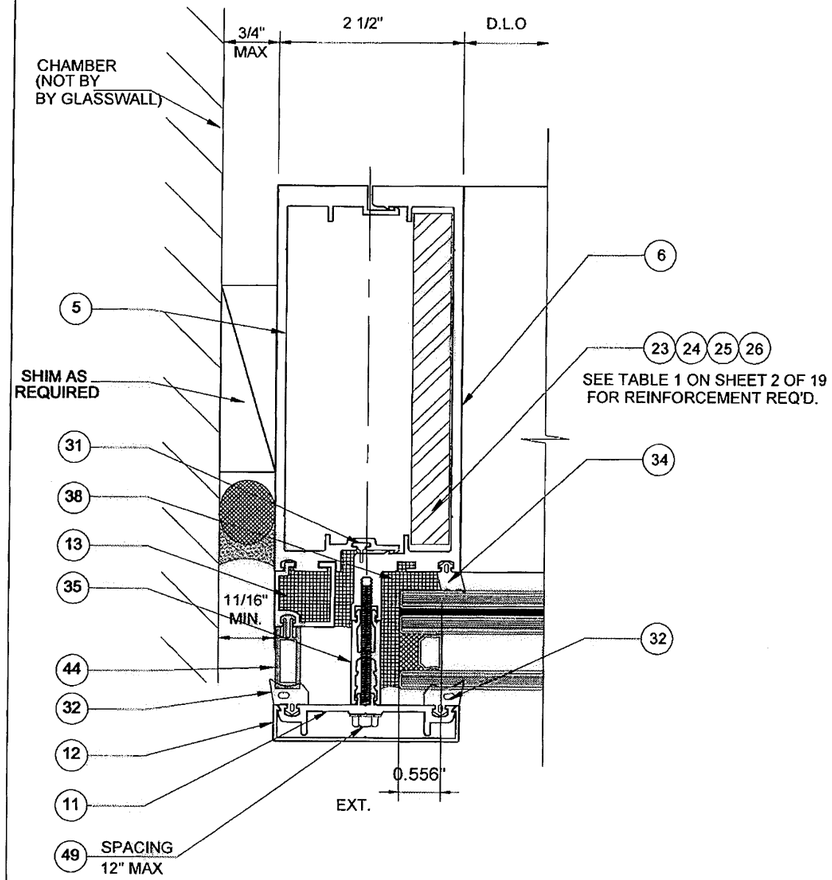
Phone:207-651-3064

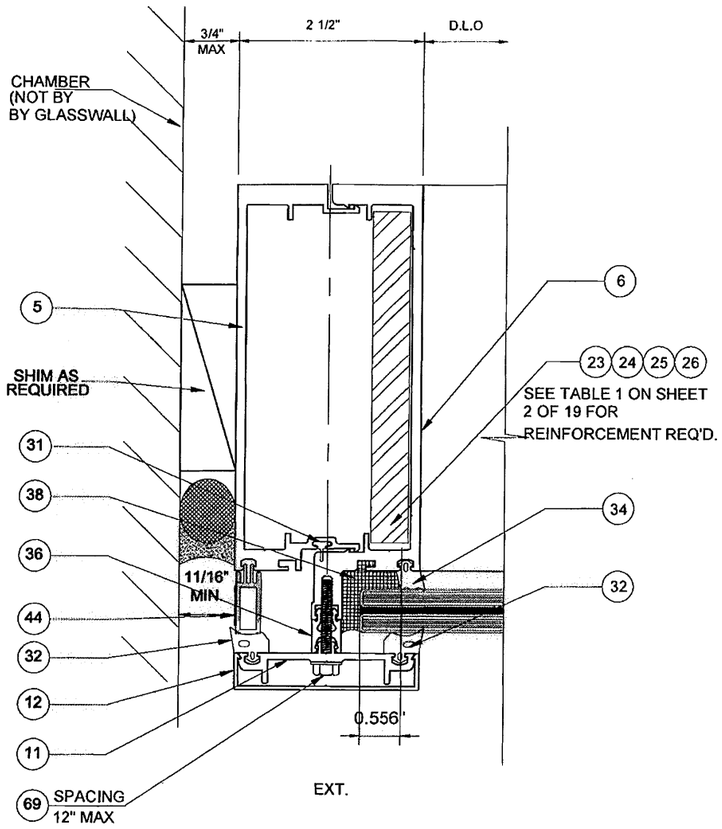
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER 12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27 2012
NOA# 12-0913.05
Miami Dade Product Control
By

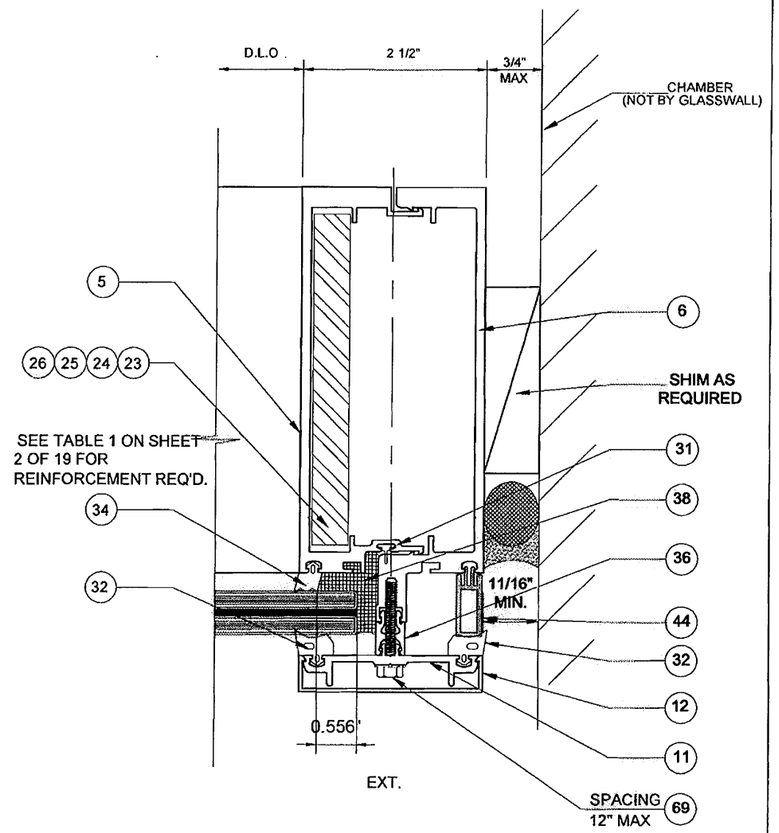
COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 13F OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 638-5151 FAX (305)-638-5158	
2 GENERAL REVIEW PER COMMENTS	12/11/2012	DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO:WW5250S	SCALE: 1:2		



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.
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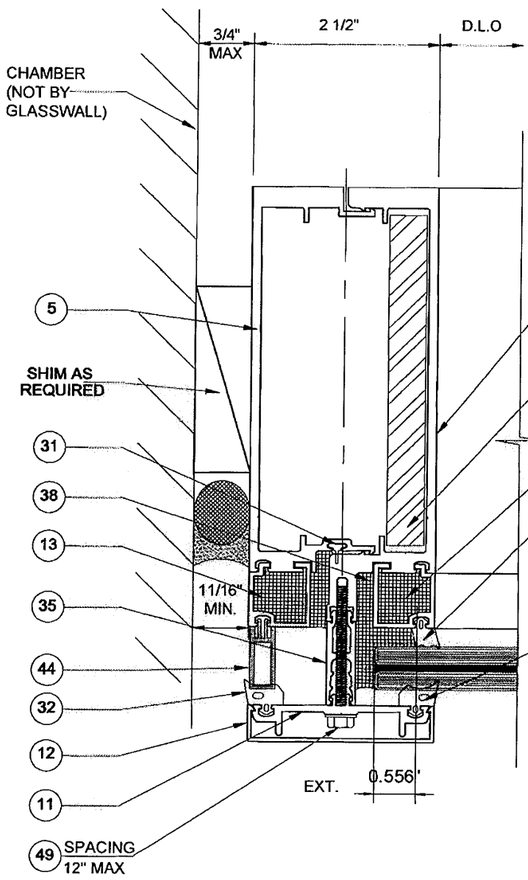
Phone:207-651-3064

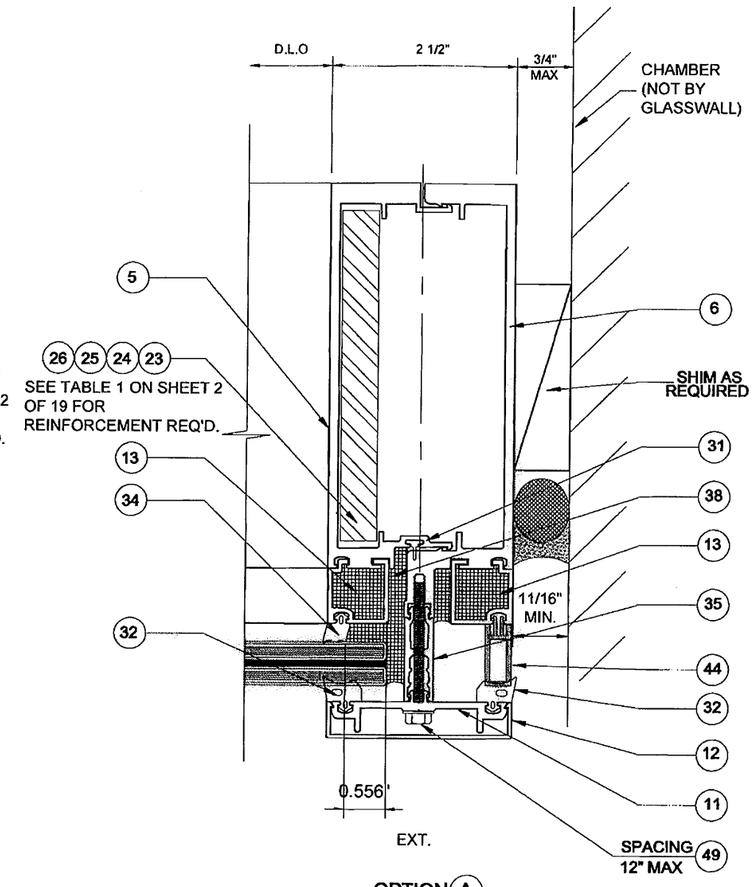
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-11-12

Approved as complying with the Florida Buiding Code
Date Dec 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Yaimel 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 SMALL 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		

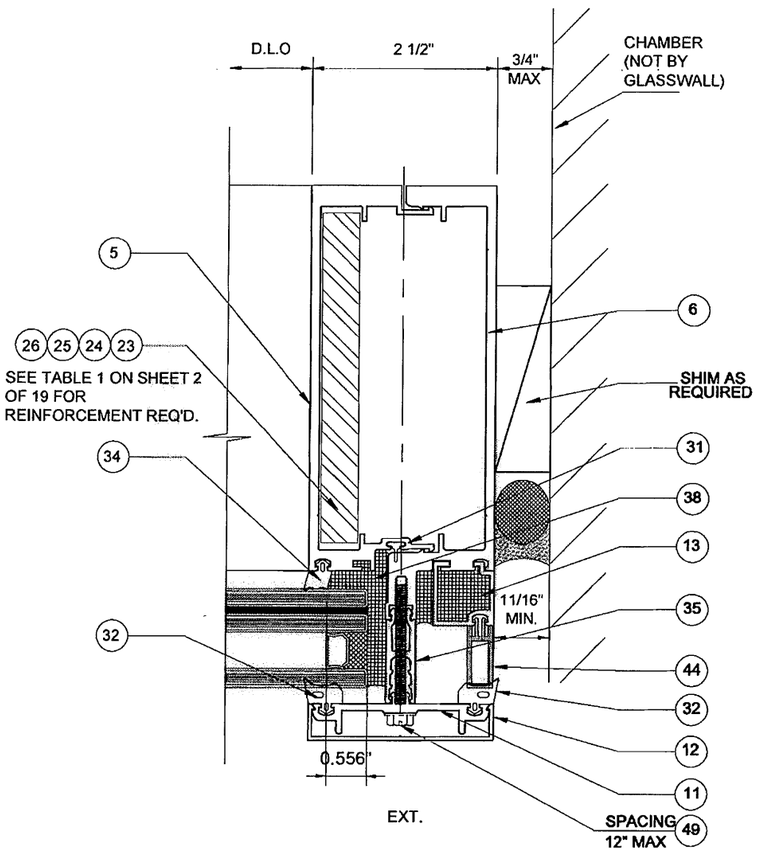


27 / 14A LEFT HAND JAMB WITH LAMINATED GLASS



OPTION (A)

27 / 14A RIGHT HAND JAMB WITH LAMINATED GLASS



28 / 14A RIGHT HAND JAMB WITH INSULATED LAMINATED GLASS

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

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12-16-12

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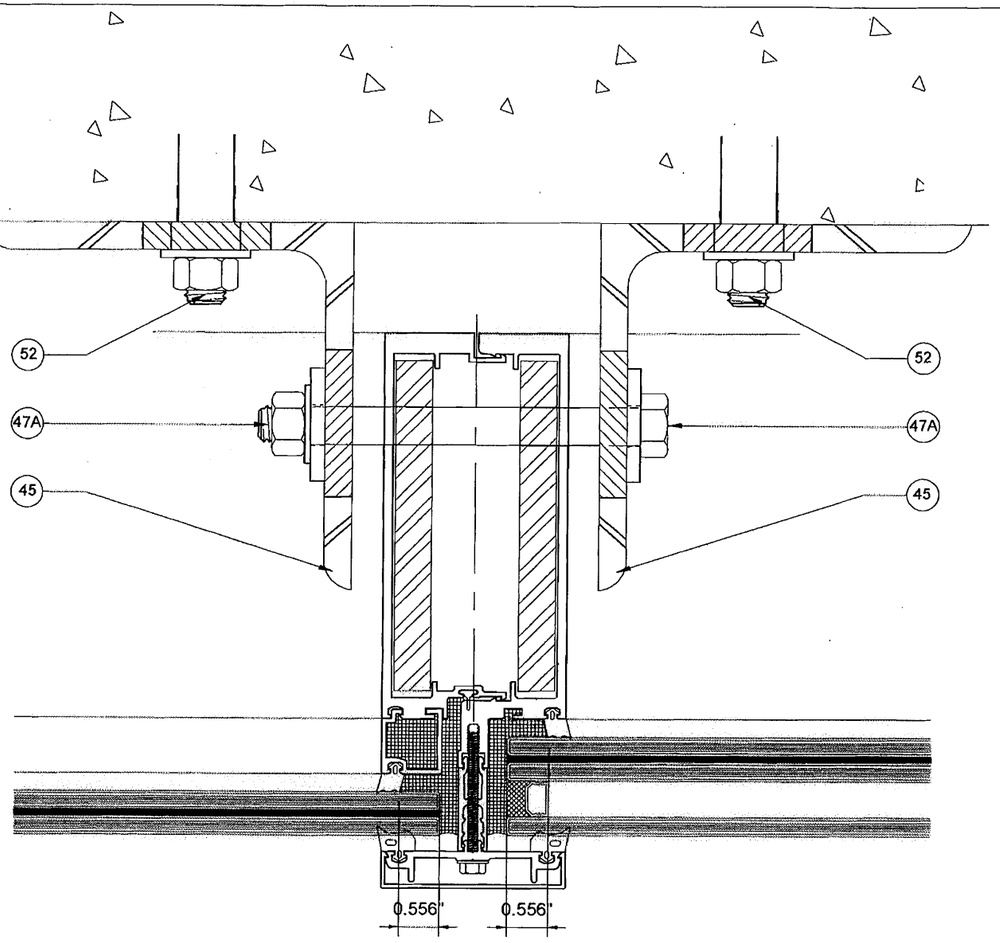
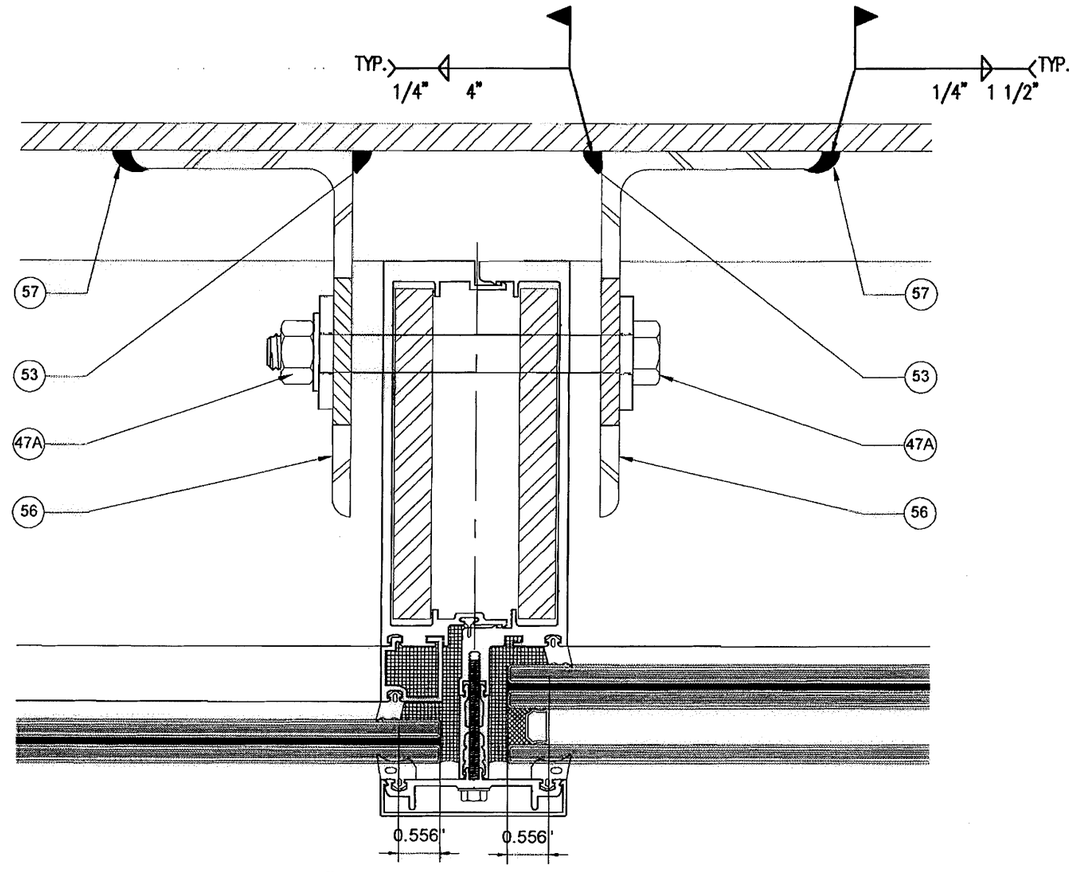
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By Manuel Perez

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 14A OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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		



29/15 TO CONCRETE - TYPICAL ANCHOR PLAN VIEW



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

Leon Murray P.E.
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Phone:207-651-3064

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12-16-12

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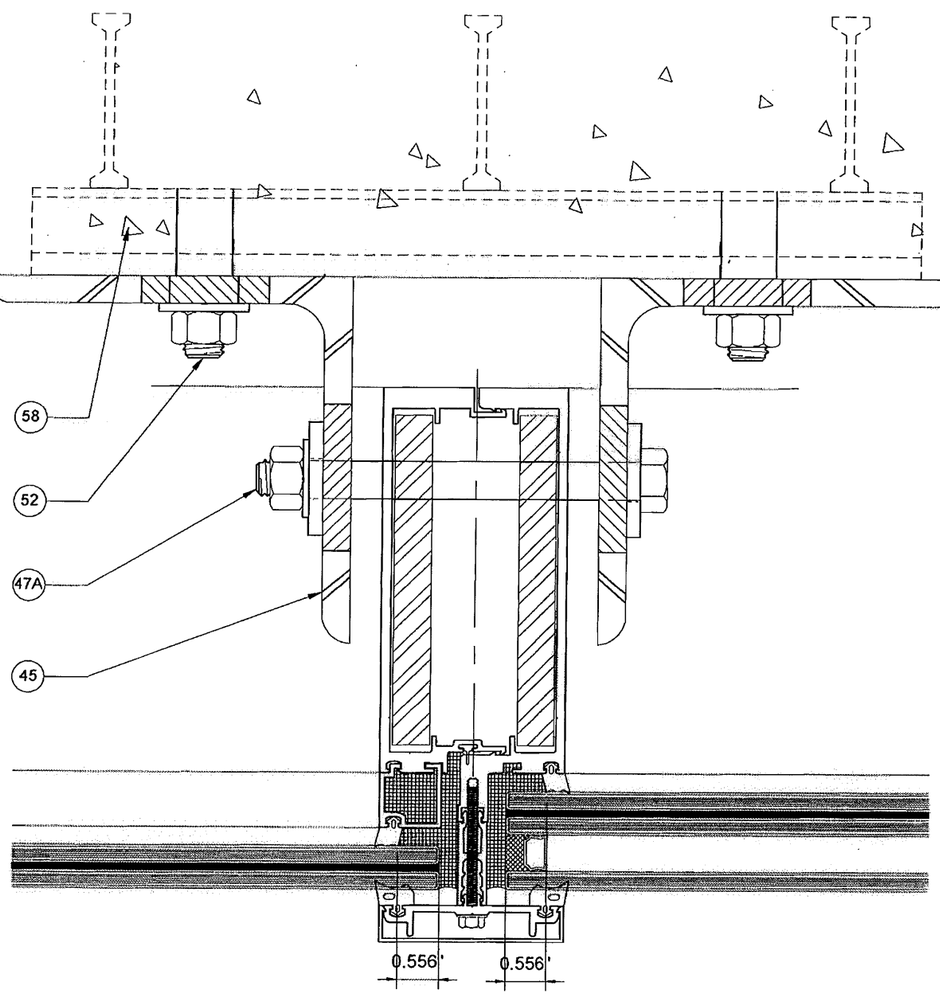
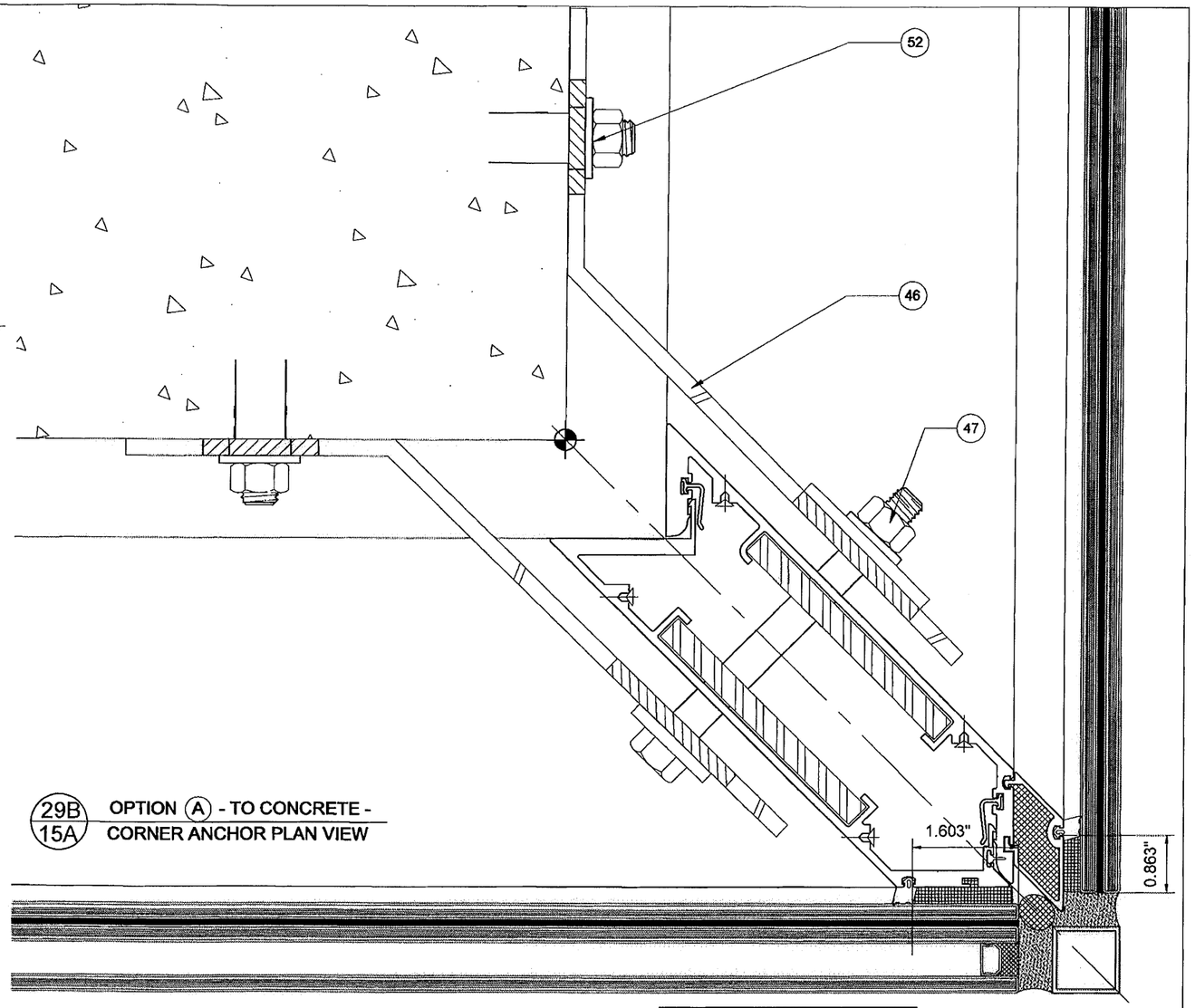
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 15 OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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		



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



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

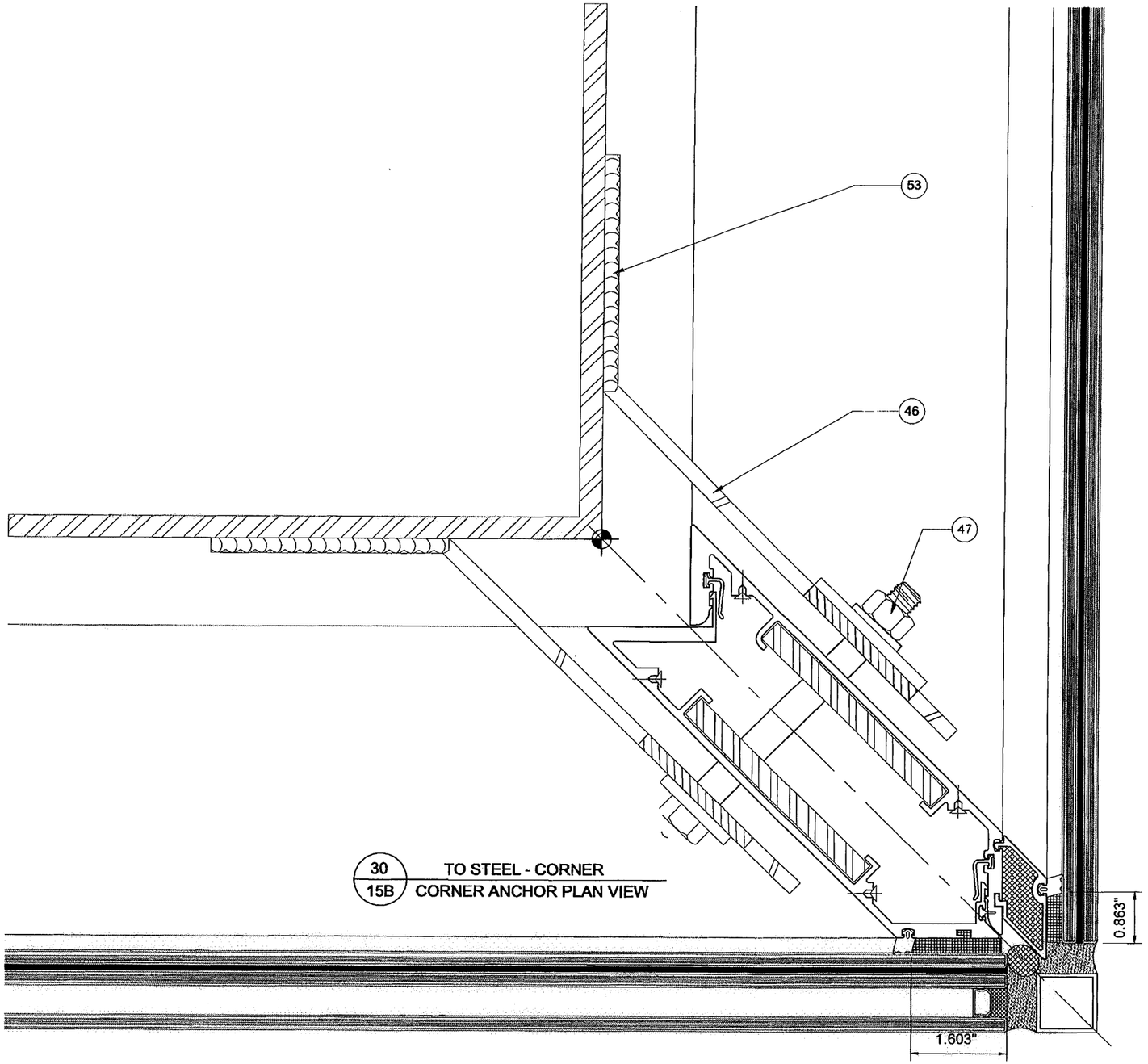
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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# 12-0913.05
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 SMALL 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
FAX (305)-638-5158



30 / 15B TO STEEL - CORNER CORNER ANCHOR PLAN VIEW

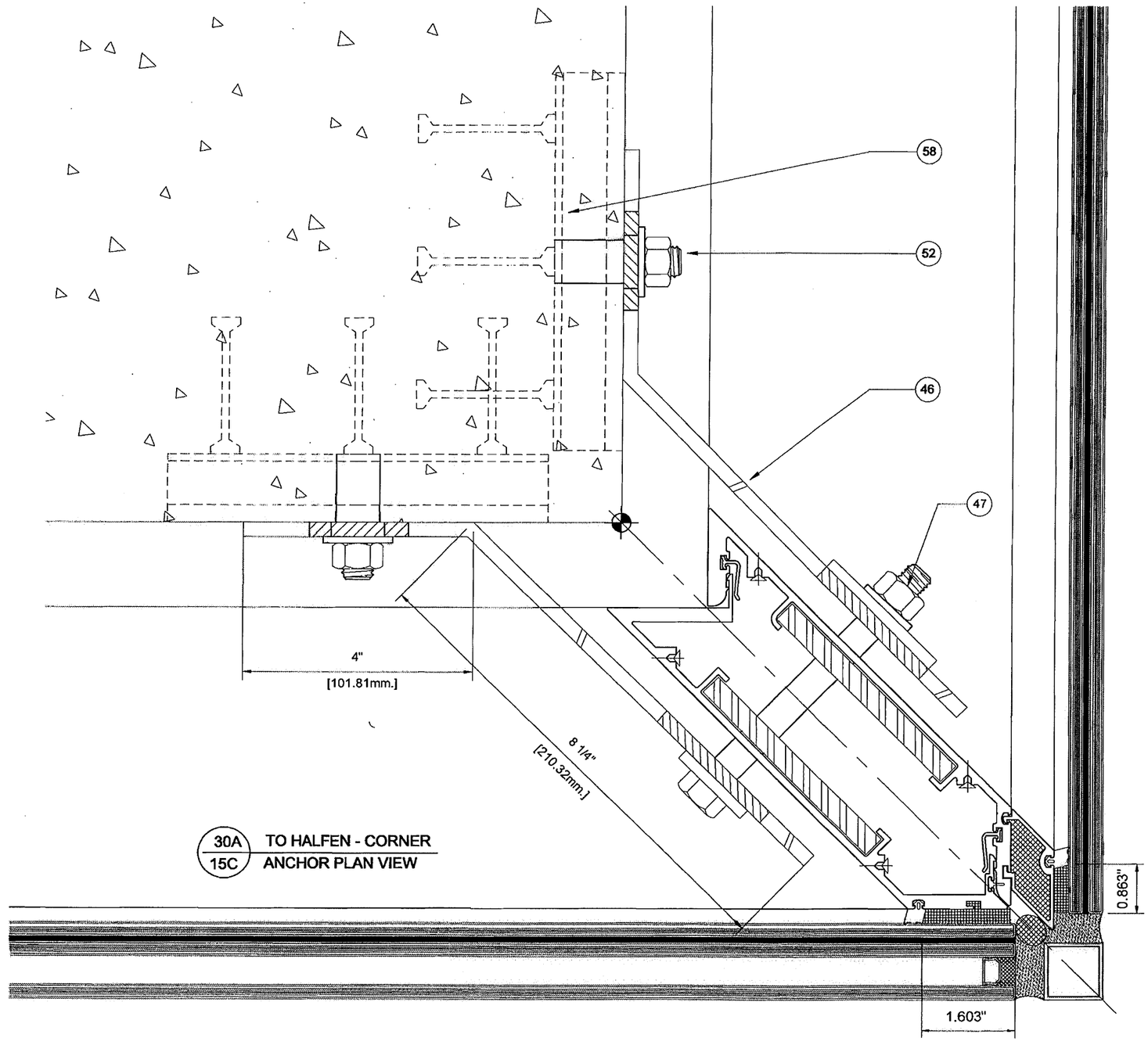
Leon Murray P.E.
Florida License #57110
1172 Lebanon Road
No. Berwick, ME 03906
Phone:207-651-3064

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

Approved as complying with the Florida Buiding Code
Date Dec. 27, 2012
NOA# 12-0913.05
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 SMALL 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
FAX (305)-638-5158



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

Leon Murray P.E.
Florida License #57110
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Phone:207-651-3064

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Date Dec. 27 2012
NOA# 12-0913.05
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 SMALL 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
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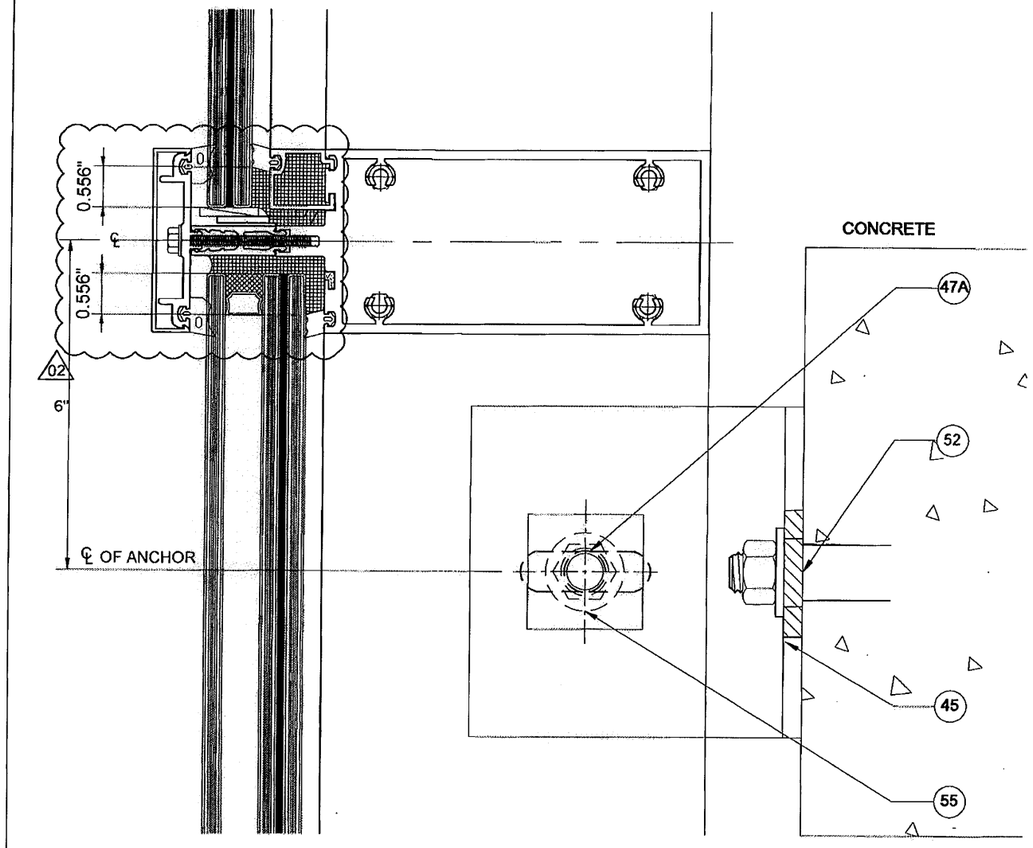
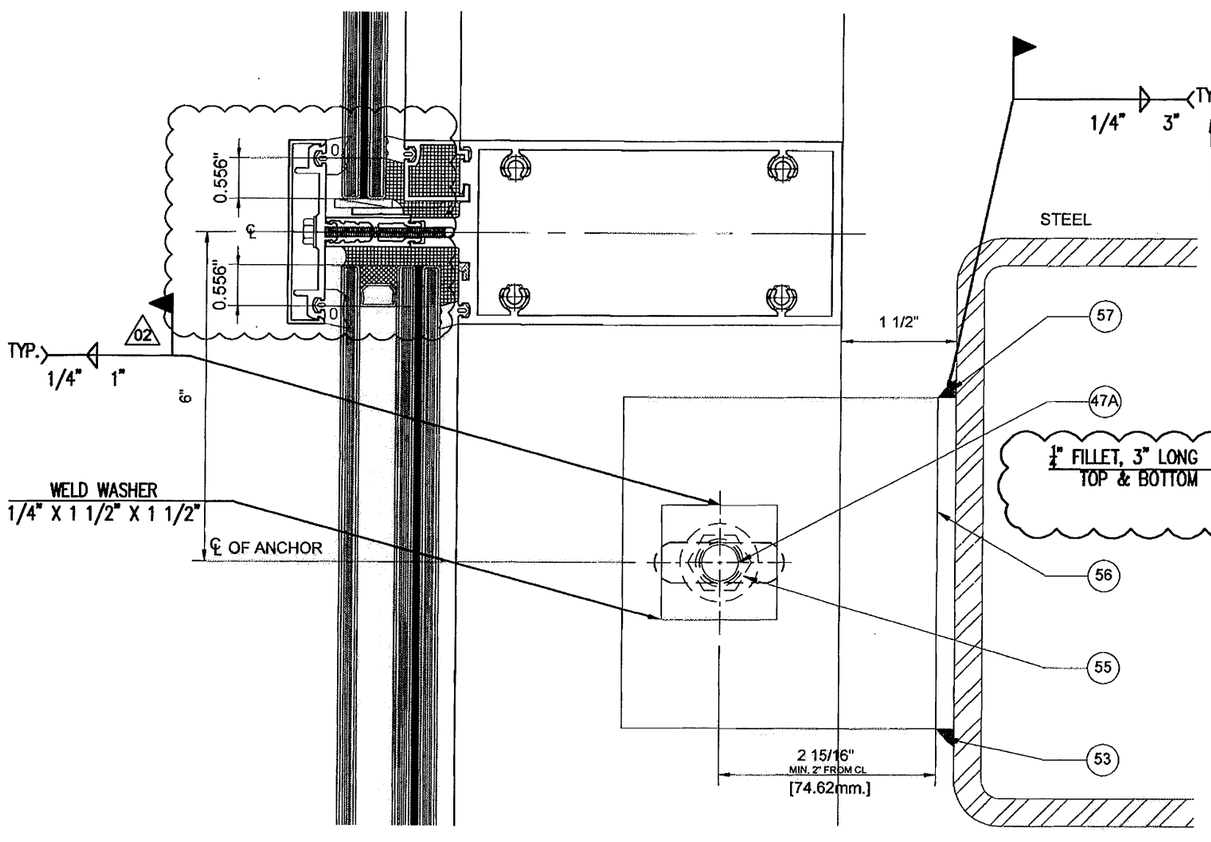
MIAMI, FLORIDA 33142
PHONE (305) 638-5151
FAX (305)-638-5158



31/16 TO CONCRETE - ANCHOR SECTION VIEW



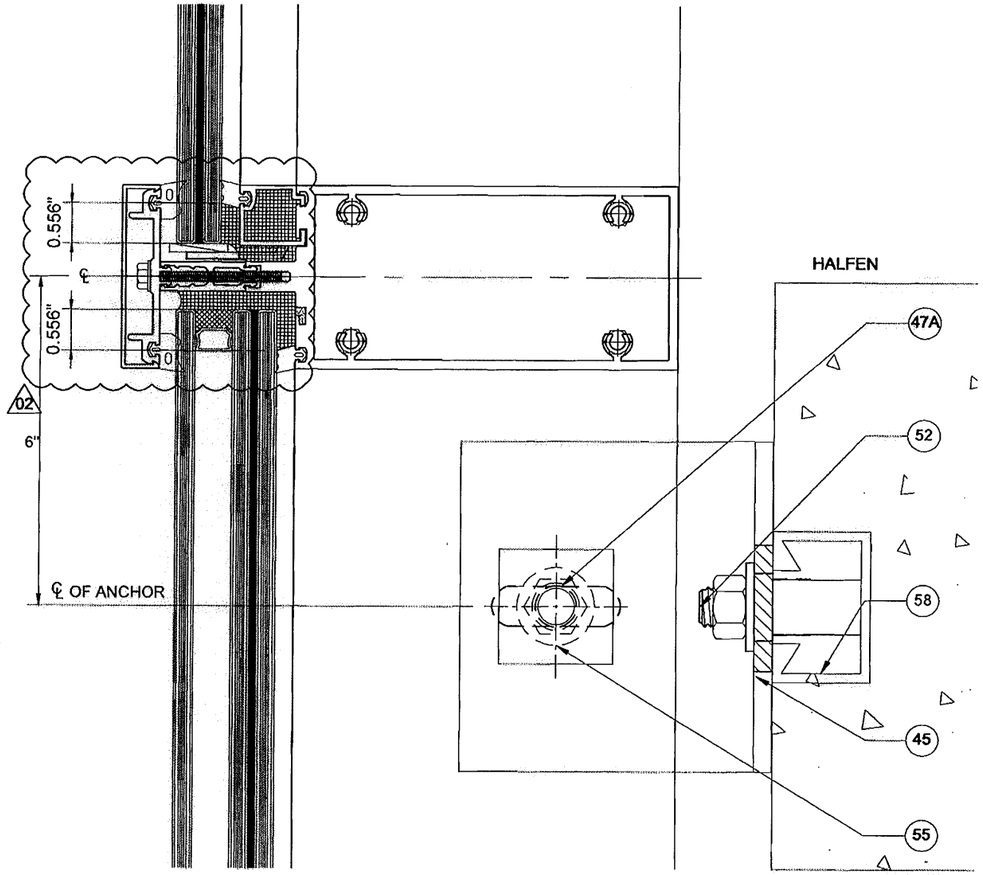
31/16 OPTION (A) - TO STEEL - ANCHOR SECTION VIEW

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

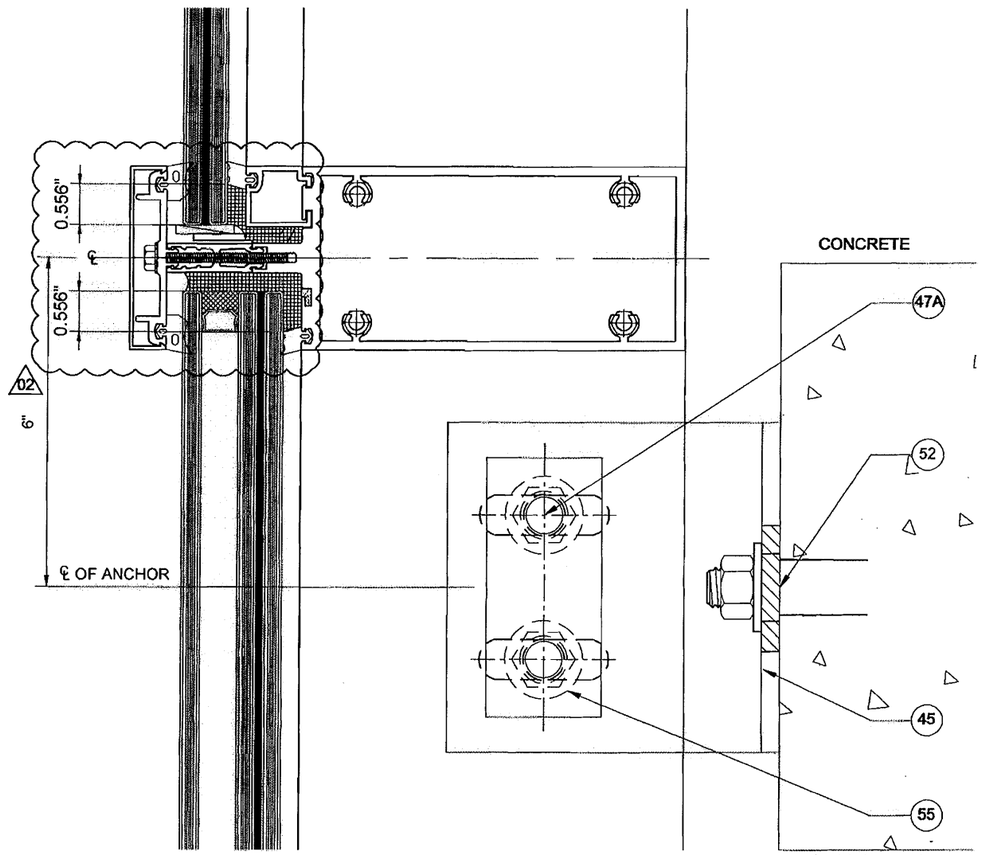
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER 12-16-12

Approved as complying with the Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami Dade Product Control
By

COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 16 OF 17
1 GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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:WW5250S	SCALE: 1:2		



OPTION (C) - TO HALFEN -
ANCHOR SECTION VIEW



OPTION (A) - TO CONCRETE -
ANCHOR SECTION VIEW

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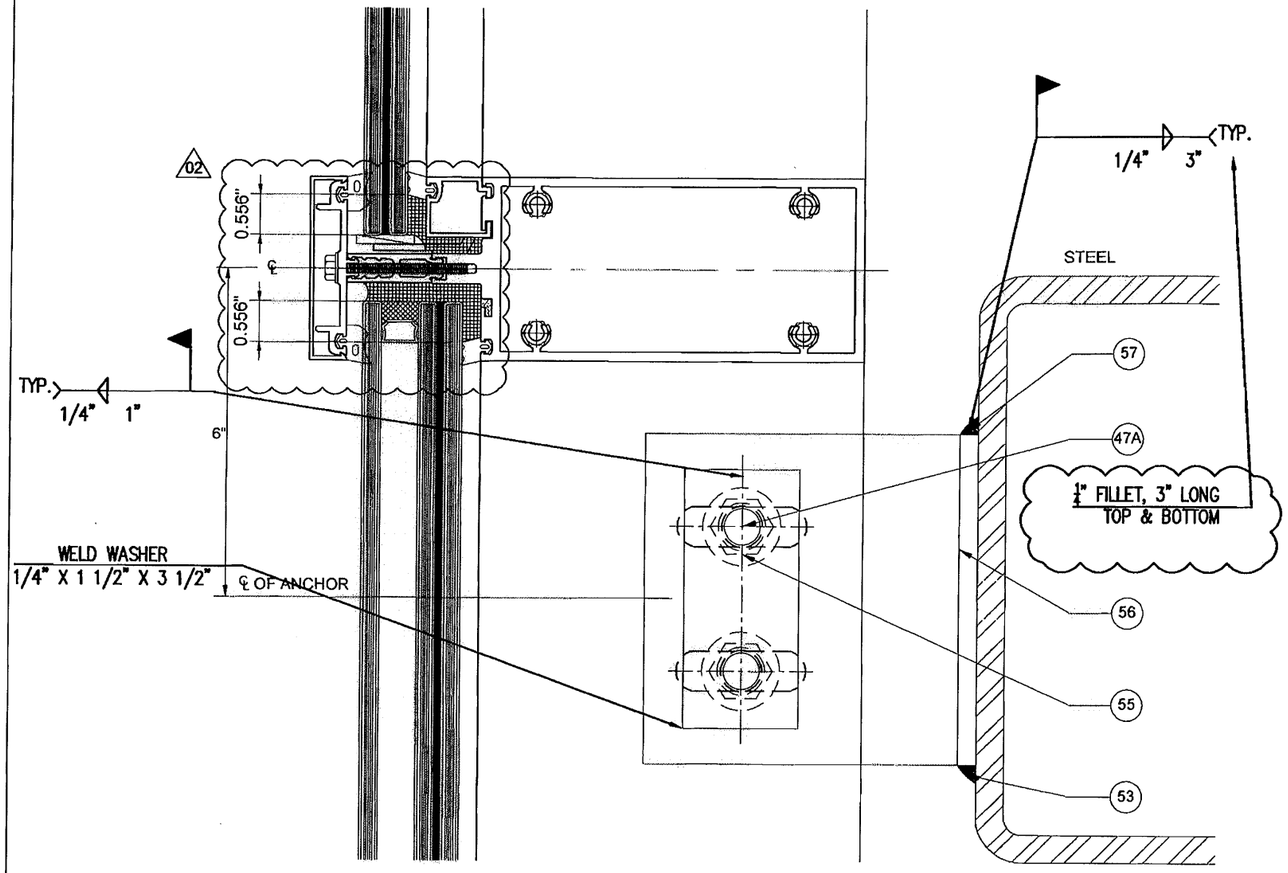
No. Berwick, ME 03906
Phone:207-651-3064

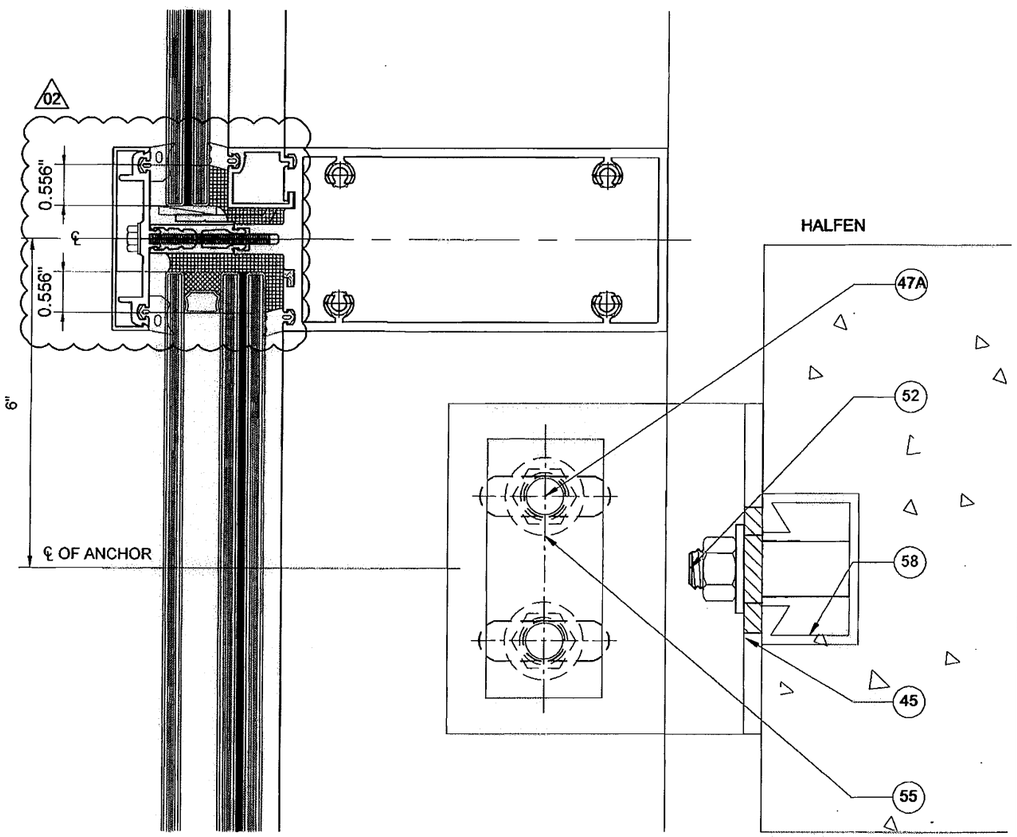
LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER
12-16-12

Approved as complying with the Florida Building Code
Date Dec. 21st 2012
NOA# 12-0913.05
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 SMALL 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:WW5250S	SCALE: 1:2		



OPTION (B) - TO STEEL -
ANCHOR SECTION VIEW



OPTION (C) - TO HALFEN -
ANCHOR SECTION VIEW

Leon Murray P.E.
Florida License #57110
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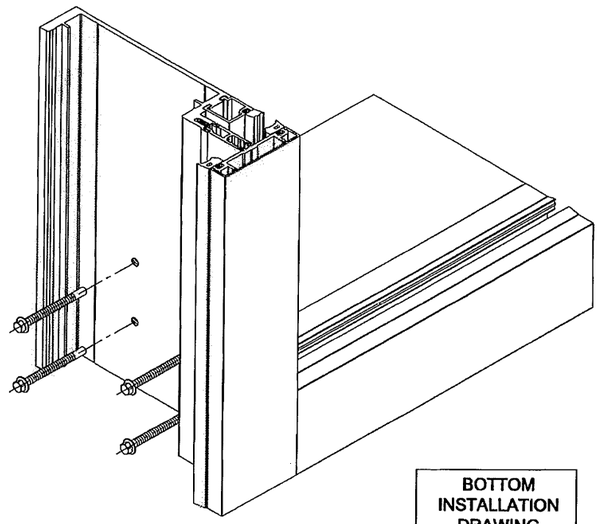
Phone:207-651-3064

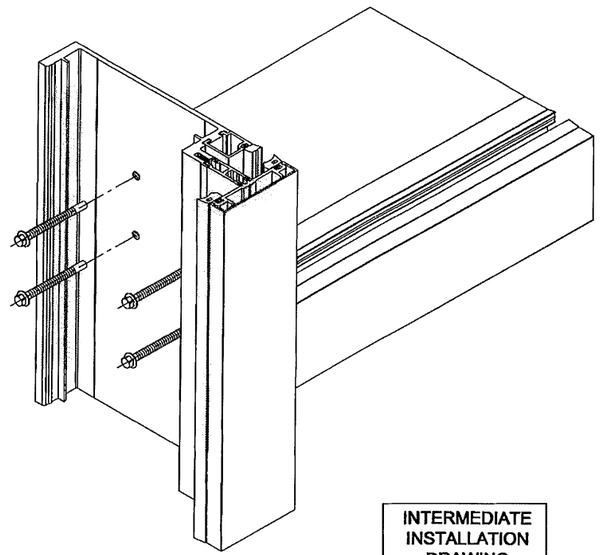
LEON MURRAY
LICENSE
No 57110
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
12-16-12

Approved as complying with the
Florida Building Code
Date Dec. 27, 2012
NOA# 12-0913.05
Miami-Dade Product Control
By Manuel Perez

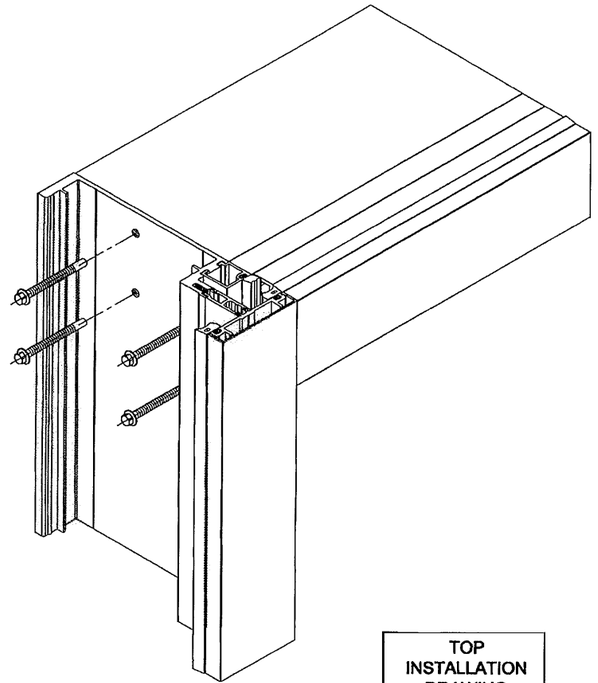
COMMENTS:	DATE:	PRODUCT NAME:					GLASSWALL	SHEET 16B OF 17
① GENERAL REVIEW PER RER COMMENTS	12/05/2012	SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL MISSILE					3550 N.W 49 STREET MIAMI, FLORIDA 33142 PHONE (305) 6381:25151 FAX (305)1:26381:25158	
② GENERAL REVIEW PER COMMENTS	12/11/2012	DRAWN BY: YEIMEL FERRER	DATE: 11/06/2012	CHECKED BY: O. SOUFFRONT	DWG NO:WW5250S	SCALE: 1:2		



BOTTOM INSTALLATION DRAWING



INTERMEDIATE INSTALLATION DRAWING



TOP INSTALLATION DRAWING

Leon Murray P.E.
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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# 12-0113.05
Miami Dade Product Control
By

REV.	COMMENTS:	DATE:	PRODUCT NAME: SERIES " 5250 " ALUMINUM WINDOW WALL SYSTEM SMALL 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:WW5250S	SCALE: -		