



**BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION**

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building/home/asp

Oldcastle BuildingEnvelope™

**803 Airport Road
Terrell, TX 75160**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Section and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control 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. BORA 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 "RW-5000 Ribbon" Aluminum Fixed Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. RW-5000SM, titled "Product Approval Drawings - RW-5000 Ribbon Window System – Small Missile Impact", sheets 1 through 7 of 7, dated 08/27/10, prepared by manufacturer, signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 08-0220.04 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 10-1102.04
Expiration Date: February 27, 2013
Approval Date: March 10, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **RW-5000SM**, Sheets 1 through 7 of 7, titled "Product Approval Drawings - RW-5000 Ribbon Window System – Small Missile Impact", dated 08/27/10, prepared by manufacturer, signed and sealed by William D. Cook, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 4), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0210-04**, dated 2/9/04, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA # 04-1202.01)
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 1), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0117-02**, dated 1/23/02, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA # 02-1202.01)
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 1), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0403-02**, dated 4/1/02, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA # 02-1202.01)
4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 4), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0403-02**, dated 4/3/02, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA # 02-1202.01)



Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-1102.04

Expiration Date: February 27, 2013
Approval Date: March 10, 2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. 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 an aluminum fixed window (specimen 2), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0403-02**, dated 4/11/02, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA # 02-1202.01)
6. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Small Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 5), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0403-02**, dated 4/5/02, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA # 02-1202.01)
7. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Water Resistance Test, per FBC, TAS 202-94
3) Large Missile Impact Test per FBC, TAS 201-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 1), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0525-02**, dated 5/24/02, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA # 02-1202.01)

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 7/07/08, revised on 10/20/08, 01/11/09 and 01/18/11, prepared, signed and sealed by William D. Cook, P.E.
2. Glazing complies with ASTM E1300-04.

D. QUALITY ASSURANCE

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


Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-1102.04

Expiration Date: February 27, 2013
Approval Date: March 10, 2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

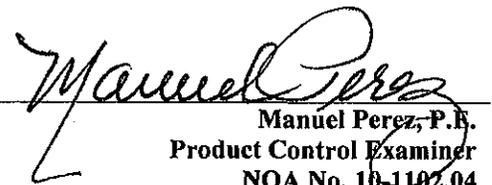
1. Notice of Acceptance No. **06-0216.06** issued to **Solutia, Inc.** for their "**Saflex III G Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

1. Statement letter of conformance, dated January 18, 2011, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated February 14, 2008, signed and sealed by William D. Cook, P.E.

G. OTHER

1. Notice of Acceptance No. **08-0220.04**, issued to Vistawall Architectural Products for their Series "RW-5000" Aluminum Fixed Window – S.M.I., approved on 02/04/09 and expiring on 02/27/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-1102.04

Expiration Date: February 27, 2013
Approval Date: March 10, 2011

RW-5000 RIBBON WINDOW SYSTEM

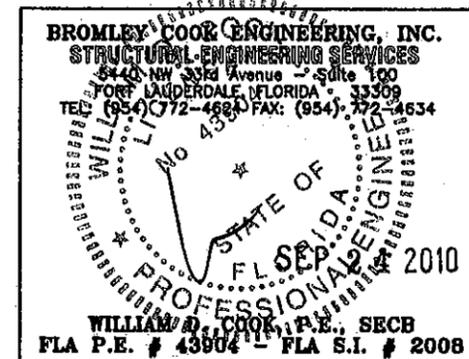
SMALL MISSILE IMPACT RESISTANT

INDEX TO DRAWINGS

- SHEET 1: INDEX TO DRAWINGS AND NOTES
- SHEET 2: TYPICAL ELEVATION
- SHEET 3: BILL OF MATERIALS
- SHEET 4: TYPICAL HORIZONTAL GLAZING DETAILS
- SHEET 5: TYPICAL VERTICAL GLAZING DETAILS
- SHEET 6: MULL CAP INSTALLATION DETAILS
- SHEET 7: EXTRUSION PROFILES

GENERAL NOTES

- 1) WINDOW RATED FOR SMALL MISSILE IMPACT.
- 2) SHUTTERS REQUIRED FOR WINDOWS INSTALLED UP TO 30' ABOVE GRADE
- 3) NO SHUTTERS REQUIRED FOR WINDOWS INSTALLED OVER 30' ABOVE GRADE
- 4) THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN LOAD CHARTS. WINDOW SYSTEM IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ)
- 5) THE SYSTEM SHOWN HEREIN WAS TESTED IN CONFORMANCE WITH MIAMI-DADE COUNTY PROTOCOLS TAS-201, 202, 203.
- 6) ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 7) BUCK, OPENINGS AND BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND LOADS FOR EACH APPLICATION. WOOD BUCKS SHALL BE DESIGNED BY SPECIALTY ENGINEER OR ENGINEER OF RECORD.
- 8) A 33% INCREASE IN ALLOWABLE STRESS NOT USED IN ANALYSIS.
- 9) ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED PER FBC 2003.2.4



FOR MIAMI-DADE CO. B.C.C.O.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 10-1102.04
 Expiration Date FEB. 27, 2013
 By Manuel Perez
 Miami Dade Product Control

REV	BY	DATE	DESCRIPTION

MANUAL COMP

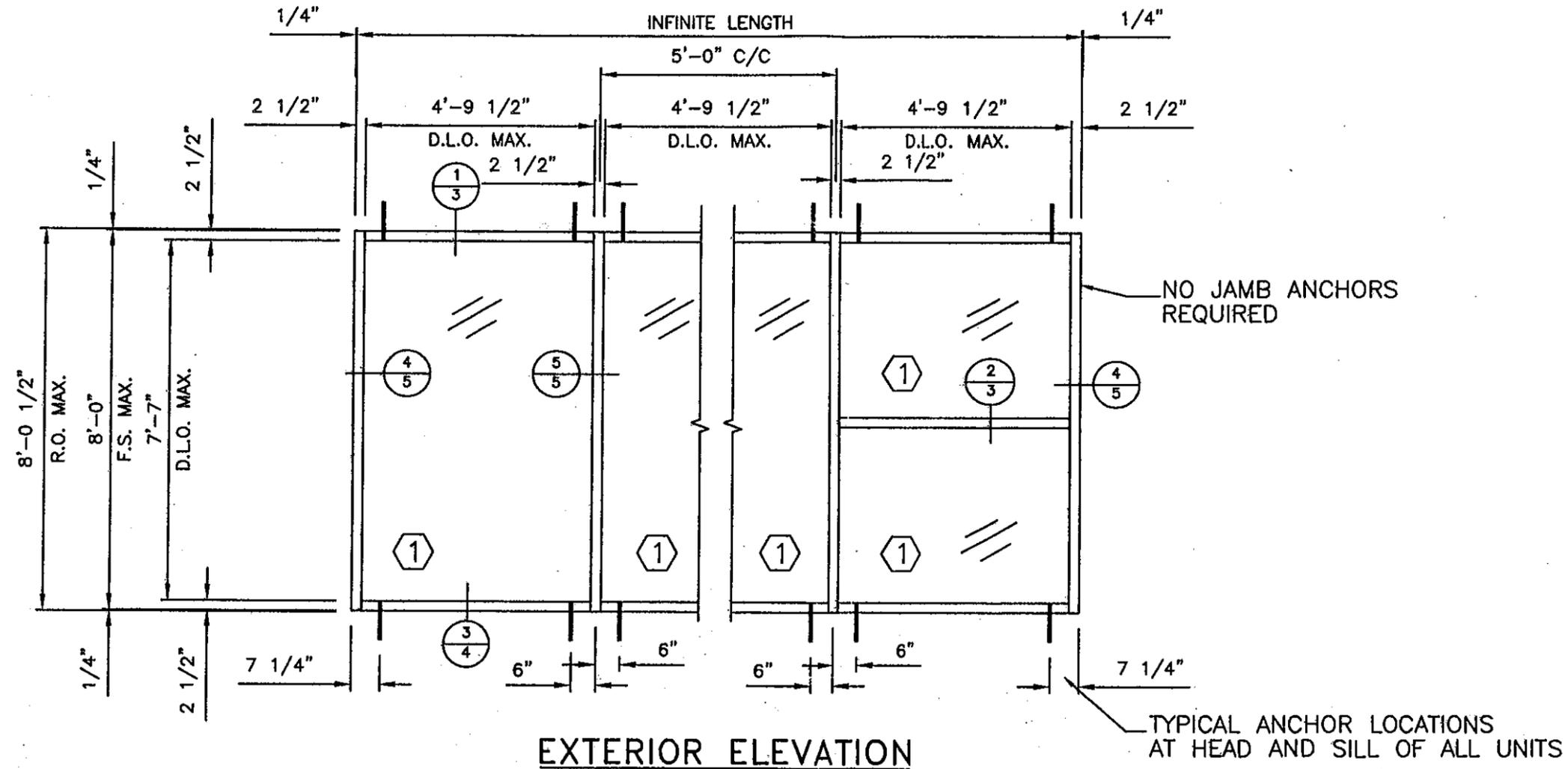


Oldcastle BuildingEnvelope™
 803 AIRPORT RD. TERRELL TX 75160
 (972) 551-6100

PROJECT APPROVAL DRAWINGS
 RW-5000 RIBBON WINDOW SYSTEM
 SMALL MISSILE IMPACT

DRAWN	DATE
GRG	8/27/10
SCALE	NOTED
DRAWING NO.	RW-5000SM
SHEET	1 OF 7

OLDCASTLE BUILDING ENVELOPE SERIES RW-5000 RIBBON WINDOW SYSTEM
WINDOW RATED FOR SMALL MISSILE IMPACT



DESIGN PRESSURE	
+70 psf (15psf WATER)	POSITIVE
-80 psf	NEGATIVE

GLASS SCHEDULE (SMALL MISSILE IMPACT)			
	MANUFACTURER	DESCRIPTION	GASKETS
①	SOLUTIA SAFLEX PVB	1/4" H.S. GLASS AT INNER AND OUTER FACES, .060 SAFLEX PVB; TOTAL = .496	FG-5126 INT FG-5125 EXT

BROMLEY COOK ENGINEERING, INC.
 STRUCTURAL ENGINEERING SERVICES
 5440 NW 23rd Avenue - Suite 100
 FORT LAUDERDALE, FLORIDA 33309
 TEL: (954) 772-4824 FAX: (954) 772-4824

STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 WILLIAM D. COOK, P.E., SECB
 FLA P.E. # 43904 - FLA S.I. # 2008

FOR MIAMI-DADE CO. B.C.C.O.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 10-1102.04
 Expiration Date Feb. 27, 2013

By *Manuel Perry*
 Miami Dade Product Control

PROJECT	PRODUCT APPROVAL DRAWINGS
PROJECT NO.	RW-5000 RIBBON WINDOW SYSTEM
DRAWN	SMALL MISSILE IMPACT
DATE	
SCALE	
DRAWING NO.	
SHEET	

Oldcastle BuildingEnvelope
 803 AIRPORT RD. TERRELL TX 75160
 (972) 551-6100

MANUAL COMP

RW-5000 RIBBON WINDOW SYSTEM

BILL OF MATERIALS

COMPONENT SCHEDULE			
PART NO	DESCRIPTION	MANUFACTURER	ALUMINUM ALLOY & TEMPER
RW-5131	MULL	OBE	6063-T6
RW-5132	MULL	OBE	6063-T6
RW-5133	HEAD	OBE	6063-T6
RW-5134	GLAZING BEAD	OBE	6063-T6
RW-5135	HORIZONTAL TRIM	OBE	6063-T5
RW-5136	JAMB	OBE	6063-T6
RW-5137	HORIZONTAL	OBE	6063-T6
RW-5138	SILL	OBE	6063-T6
RW-5139	SETTING CHAIR	OBE	6063-T5
RW-5140	SILL FILLER	OBE	6063-T5
RW-5141	MULL CAP	OBE	6063-T5
RW-5142	JAMB CAP	OBE	6063-T5
RW-5161	END DAM	OBE	6063-T5
RW-5162	MULL CLIP	OBE	6063-T5

GASKETS AND HARDWARE			
PART NO	DESCRIPTION	MANUFACTURER	LOCATION
CW-998	BULB GASKET	OBE	MULLIONS
FG-1133	EPDM GASKET	OBE	VIRACON HRG2 EXTERIOR
FG-5125	EPDM GASKET	OBE	TYPICAL EXTERIOR
FG-5126	VINYL SPACER	OBE	TYPICAL INTERIOR
FG-5124	EPDM SETTING BLOCK	OBE	SILL & HORIZONTAL
RW5000-FP-3	VINYL WATER DIVERTER	OBE	HORIZONTALS
RW-5139	ALUM. SETTING CHAIR X 4" LG.	OBE	SILL
FG-5128	VINYL BAFFLE RETAINER	OBE	SILL
RW5000-PP-4	BAFFLE	OBE	SILL
RW5000-FP-1	MULL CAP (MADE FROM RW-5141)	OBE	HEAD & SILL OF MULLIONS
RW5000-FP-2	JAMB CAP (MADE FROM RW-5142)	OBE	HEAD & SILL OF JAMBS
RW5000-FP-8	END DAM (MADE FROM RW-5161)	OBE	HEAD & SILL OF MULLIONS
RW5000-FP-11	MULLION CLIP(MADE FROM RW-5162)	OBE	MULLION
DOW 995	STRUCTURAL SILICONE	DOW-CORNING	INTERIOR GLASS
SM-5601	SEALANT TAPE	SCHNEE-MOREHEAD	FRAME JOINTS
SM-7100	SEALANT	SCHNEE-MOREHEAD	PERIMETER SEAL
931	SEALANT	VULKEM	MULL JOINT

FASTENER SCHEDULE		
PART NO.	DESCRIPTION	APPLICATION
FS-327	#12 X 7/8" HWHTCS	GLAZING BEADS
FS-202	#8 X 1/2" PPH	JAMB CAP
FS-45	#8 X 1/2" PFH	MULL CAP/END DAM
FS-44	5/16" X 1" HHSTS	FRAME CONNECTIONS

SEE SHEET #4 FOR PERIMETER ANCHORS

NOTE:
STRUCTURAL ALUMINUM TO BE 6063-T6,
TRIM TO BE 6063-T5

BROMLEY COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 NW 33rd Avenue - Suite 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634

FOR MIAMI-DADE CO. B.C.C.O.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 10-1102.04
Expiration Date FEB. 27, 2013

SEP 24 2010

By *Manuel Perez*
Miami/Dade Product Control

WILLIAM D. COOK, P.E., SECB
FLA P.E. # 43904 - FLA S.I. # 2008

REV	BY	DATE	DESCRIPTION

Oldcastle
BuildingEnvelope®

803 AIRPORT RD. TERRELL TX 75160
(972) 551-6100

PROJECT APPROVAL DRAWINGS
RW-5000 RIBBON WINDOW SYSTEM
SMALL MISSILE IMPACT

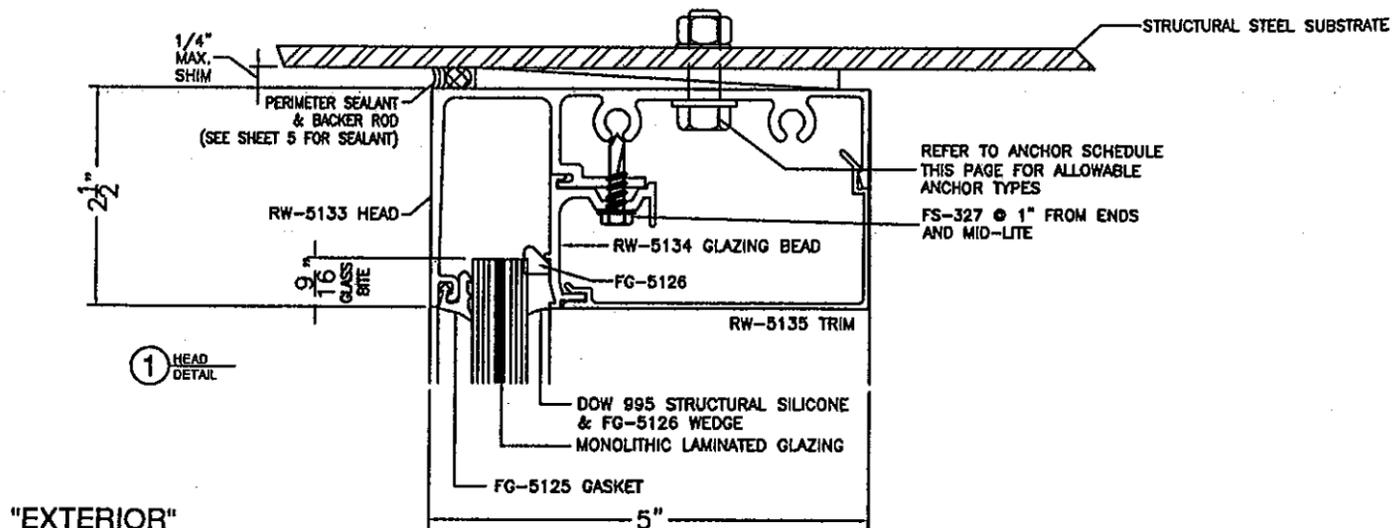
PROJECT NO. _____

DRAWN BY GRG DATE 8/27/10

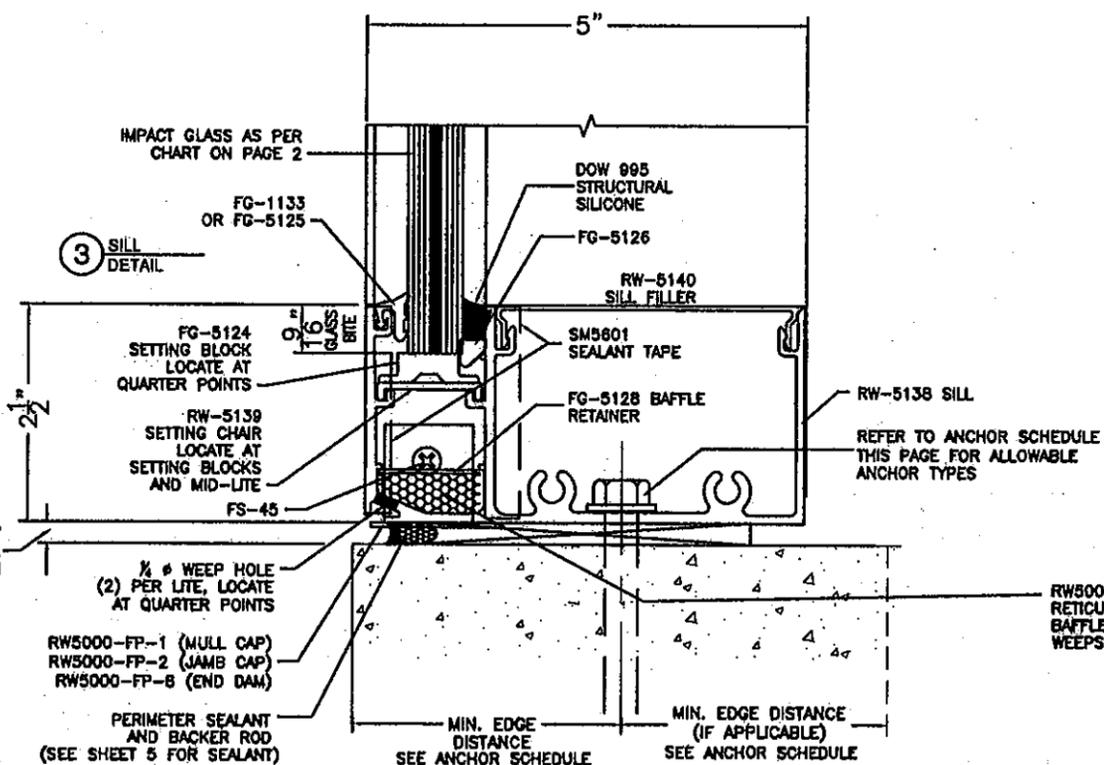
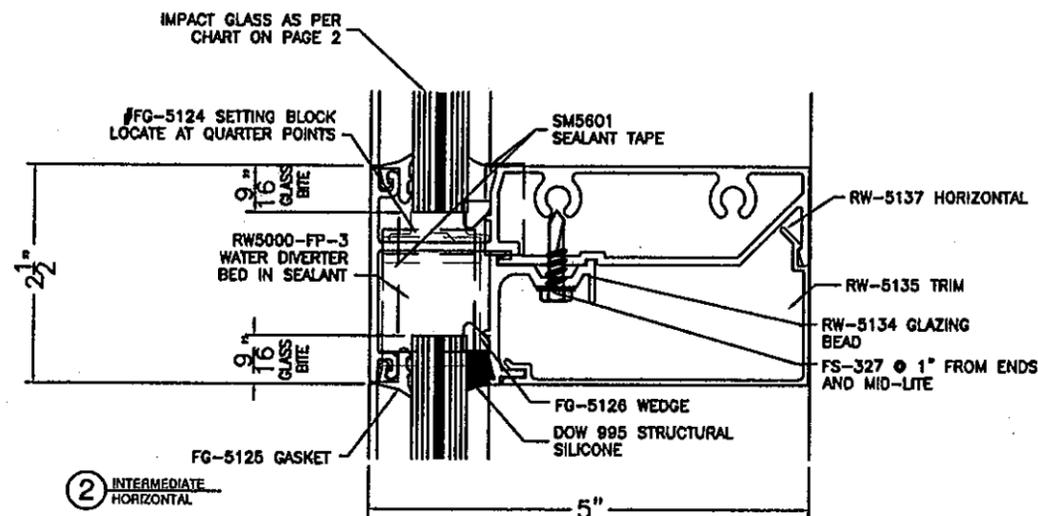
SCALE NOTED

DRAWING NO. RW-5000SM

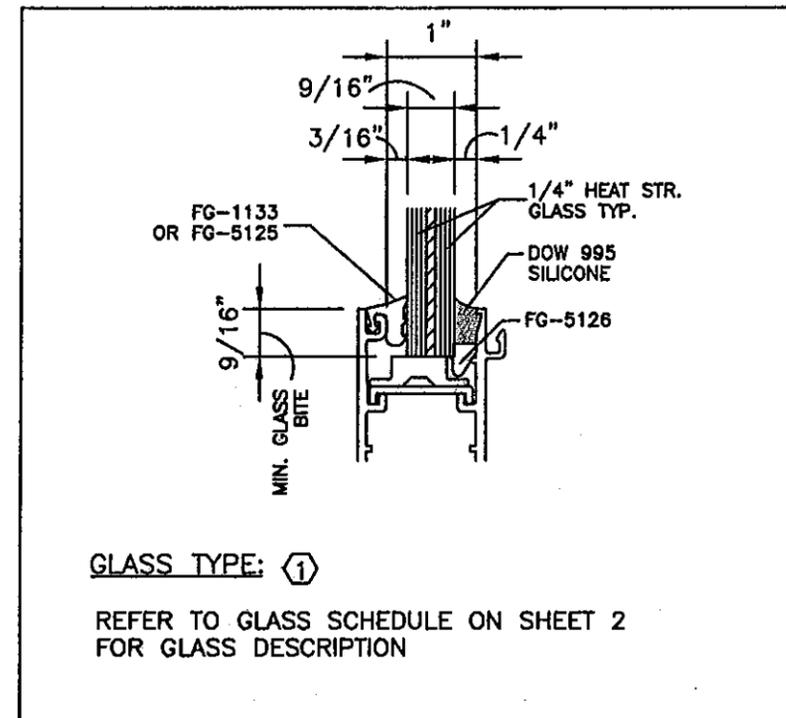
SHEET 3 OF 7



"EXTERIOR"



GLAZING DETAIL



ANCHOR SCHEDULE

- IN CONCRETE (2000 psi):**
- † 3/8"Ø HILTI KWIKBOLT III WITH 2-1/2" MIN. EMBED
MIN EDGE DISTANCE = 5"
MIN ANCHOR SPACING = 7-1/2"
 - † 3/8"Ø POWERS WEDGE BOLT W/ 2-1/2" MIN. EMBED
MIN EDGE DISTANCE = 3"
MIN ANCHOR SPACING = 3-3/4"
- IN STEEL (1/8" THICK)**
- † 3/8"-16 GRADE-5 HEX HEAD BOLT

BROMLEY COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 NW 35th Avenue, Suite 400
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 972-4832 FAX: (954) 772-4834

WILLIAM D. COOK, P.E., S.E.C.B.
FLA. P.E. # 43904 S.E.C.B. # 2008

FOR MIAMI-DADE CO. B.C.C.O.

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 10-1102.04
Expiration Date Feb. 27, 2013

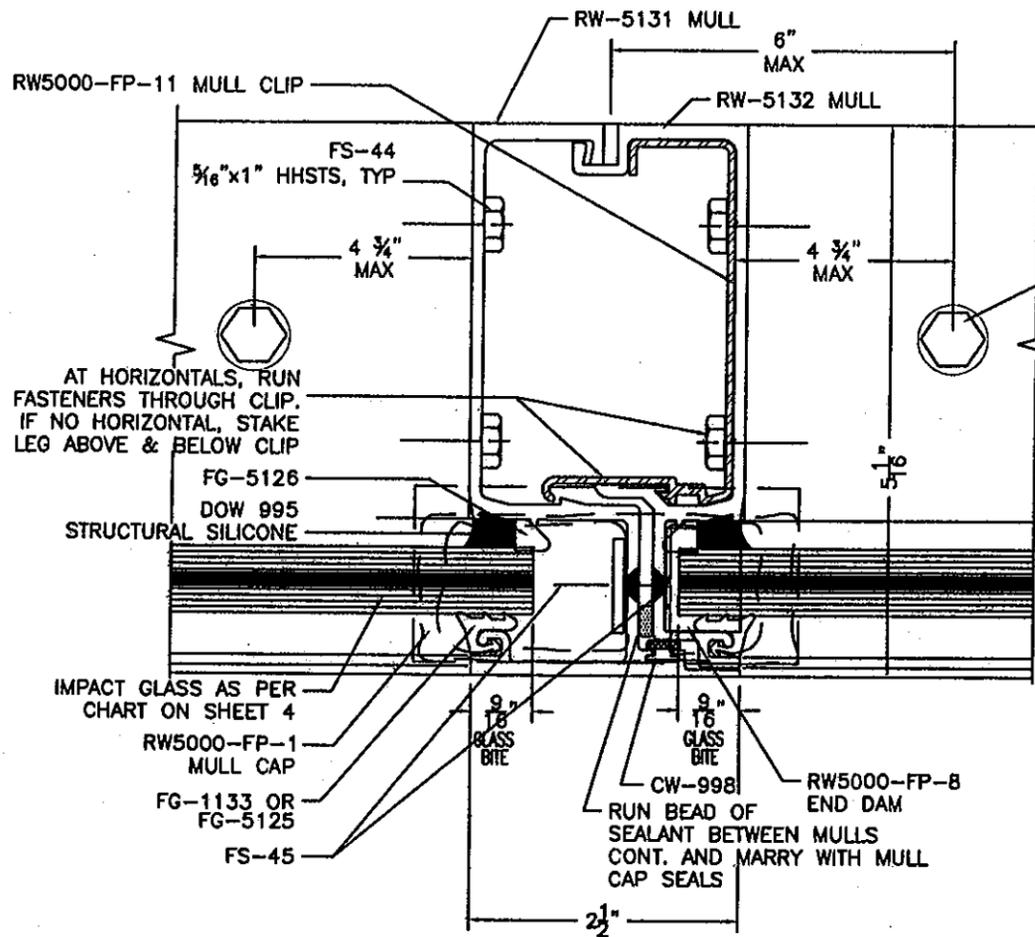
By *Manuel Perez*
Miami Dade Product Control

PROJECT APPROVAL DRAWINGS
RW-5000 RIBBON WINDOW SYSTEM
SMALL MISSILE IMPACT

PROJECT NO.	
DRAWN	DATE
GRG	8/27/10
SCALE	NOTED
DRAWING NO.	RW-5000SM
SHEET	4 OF 7

MANUAL COMP	REV BY	DATE	DESCRIPTION

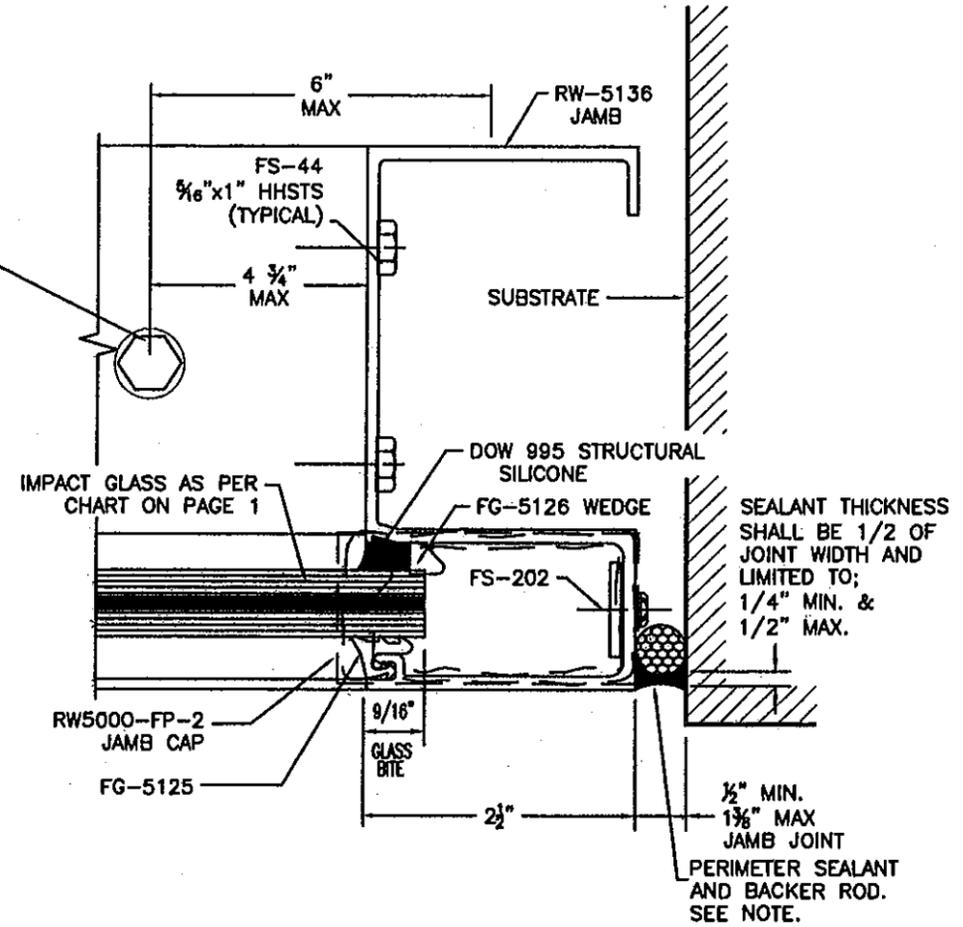
Oldcastle BuildingEnvelope™
803 AIRPORT RD. TERRELL TX 75160
(972) 551-6100



5 INTERMEDIATE MULLION

"EXTERIOR"

ANCHOR PER ANCHOR SCHEDULE ON SHEET #4



4 JAMB MULLION

GLAZING NOTE:
REFERENCE SHEET 2 FOR GLASS SCHEDULE, AND SHEET 4 FOR GLAZING DETAIL

SEE SHEET 6 FOR ADDITIONAL MULL CAP INSTALLATION INFORMATION

JAMB SEALANT NOTES:

PERIMETER SEALANT OPTIONS:
DOW 795 (SILICONE),
TREMCO SPECTREM 2 & 3 (SILICONE)
TREMCO DYMOMIC FC (URETHANE)
SONNEBORN SOLOLASTIC 150 (ELASTOMERIC)

ALTERNATE SEALANTS & ALTERNATE JAMB GAPS:
TO BE APPROVED BY DESIGN PROFESSIONAL OF RECORD AND SEALANT MANUFACTURER.

BROMLEY COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 NW 35th Avenue - Suite 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624, FAX: (954) 772-4634

WILLIAM D. COOK, P.E., SECB
FLA P.E. #143801

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 83904
2010

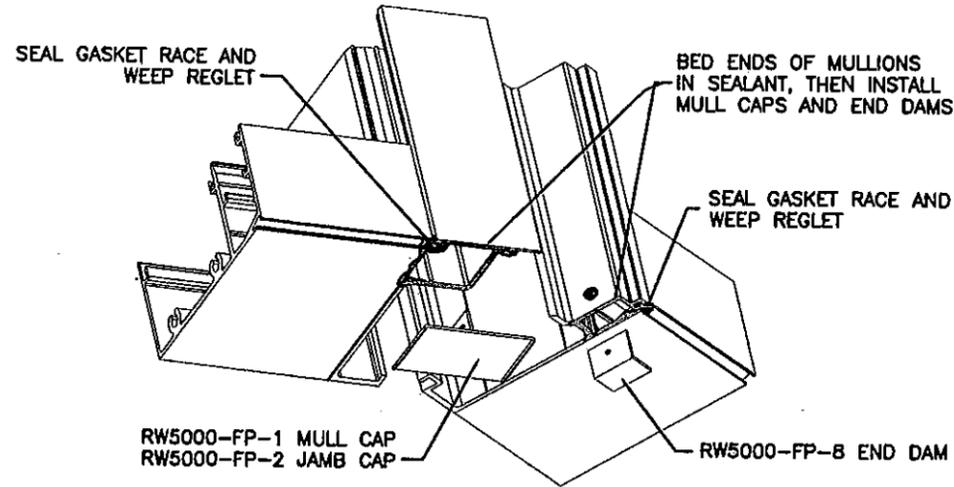
FOR MIAMI-DADE CO. B.C.C.O.

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 10-1102.04
Expiration Date FEB 27, 2013

By *Manuel Perez*
Miami Dade Product Control

PROJECT	PROJECT NO.	DATE	DESCRIPTION
Oldcastle BuildingEnvelope® 803 AIRPORT RD. TERRELL TX 75160 (972) 551-6100			
PRODUCT APPROVAL DRAWINGS RW-5000 RIBBON WINDOW SYSTEM SMALL MISSILE IMPACT			
DRAWN BY GRG	DATE 8/27/10		
SCALE NOTED			
DRAWING NO. RW-5000SM			
SHEET 5 OF 7			

RW-5000 MULL CAP SEALANT DETAILS AND INSTALLATION INSTRUCTIONS



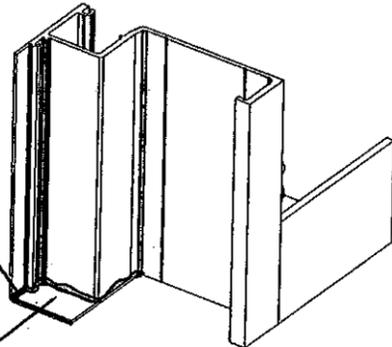
DETAIL A

INSTALL MULL CAPS AND END DAMS USING FS-45 (#8 X 1/2" PFH), INSTALL JAMB CAPS USING FS-202 (#8 X 1/2" PPH). (CAP SEAL ALL FASTENERS)

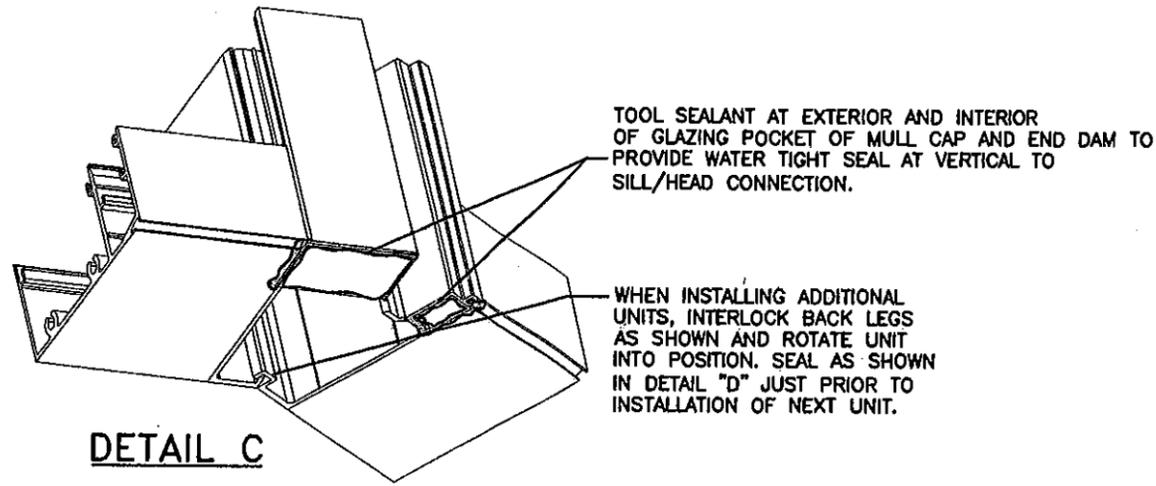
MULL CAP AND END DAM REQUIRED AT HEAD AND SILL TYPICAL. (SILL SHOWN)

TOOL THE SEALANT ALONG INTERIOR OF THE MULL DURING INSTALLATION OF THE MULL CAP.

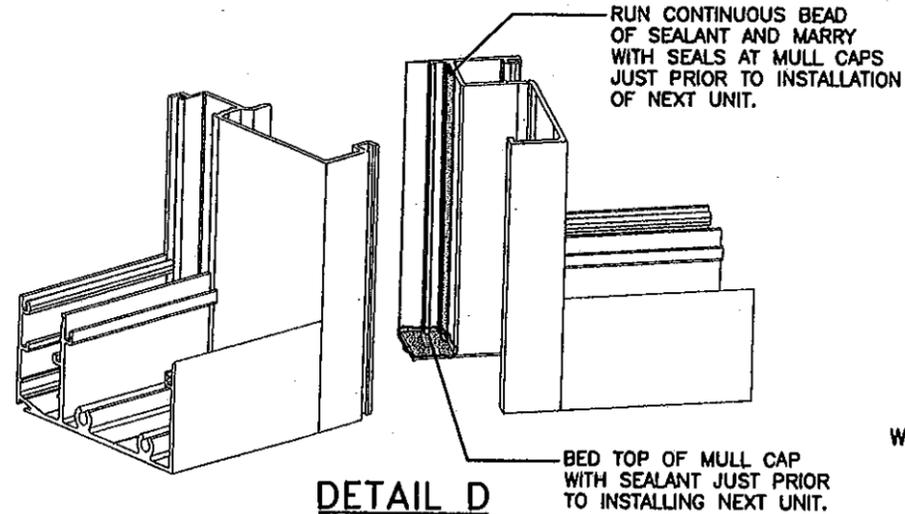
WHEN INSTALLING THE RW5000-FP1 MULL CAP, KEEP THIS AREA CLEAR OF SEALANT TO ALLOW FOR INSTALLATION OF NEXT UNIT.



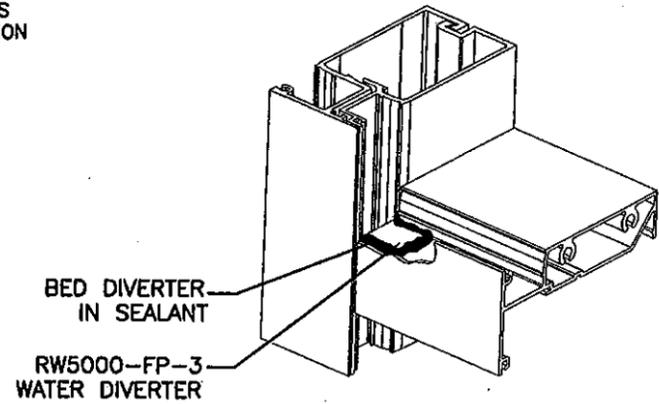
DETAIL B



DETAIL C



DETAIL D



WATER DIVERTER SEALANT DETAIL

LOCATE AT EACH END OF INTERMEDIATE HORIZONTALS

INSTALLATION NOTES:

- 1) ASSEMBLE UNITS AS SHOWN ON DETAIL SHEETS 3 THRU 5. INSTALL SEALANT TAPE BETWEEN VERTICALS AND HORIZONTALS AS SHOWN.
- 2) INSTALL AND SEAL MULL CAPS AS SHOWN IN DETAILS A, B & C ABOVE.
- 3) MULL CAPS SHOULD FORM A WATER TIGHT SEAL. A TEST MAY BE CONDUCTED TO CONFIRM THIS SEAL BY BLOCKING WEEP HOLES AND FILLING SILL CAVITY WITH WATER. AFTER TEST REMOVE PLUGS FROM WEEP HOLES, DRAIN WATER, INSTALL BAFFLES AND BAFFLE RETAINERS.
- 4) INSTALL FIRST UNIT INTO OPENING (UNITS WILL INSTALL FROM LEFT TO RIGHT AS VIEWED FROM EXTERIOR OF BUILDING), LEVEL, PLUMB AND ANCHOR FIRST UNIT. WHEN SHIMMING UNITS, SHIM AT ANCHOR POINTS UNDER SILL. DO NOT PLACE SHIMS BENEATH MULL OR MULL CAP.

- 5) RUN BEAD OF SEALANT CONTINUOUS FOR FULL HEIGHT OF MULLION AND BED MULL CAP WITH SEALANT AT HEAD AND SILL AS SHOWN IN DETAIL D.
- 6) INSTALL SECOND UNIT BY BRINGING INTO POSITION FROM INSIDE OF BUILDING, TILT HEAD OF UNIT BENEATH MULL CAP, ROTATE SILL OF UNIT OVER LOWER MULL CAP, THEN INTERLOCK BACK LEGS OF MULLION (SEE DETAIL C), PLACE APPROPRIATE SHIMS BENEATH SILL MEMBER TO ALLOW FOR BETTER ALIGNMENT, AND ROTATE UNIT INTO PLACE. PLUMB AND ANCHOR.
- 7) REPEAT STEP 6 FOR ALL ADDITIONAL UNITS. MINIMUM 1/4" CAULK JOINT AT JAMB IS REQUIRED FOR INSTALLATION OF FINAL UNIT.

- 8) SYSTEM MAY BE INSTALLED EITHER IN UN-GLAZED OR PREGLAZED FRAMES. WHEN INSTALLING UNITS AS UN-GLAZED FRAMES FOLLOW INSTRUCTIONS 4 THRU 8 AND THEN INSTALL GLASS, NEXT PLACE AN 1/8" SHIM AT MID-HEIGHT OF MULL AND CLAMP BACK OF MULL AT THE SHIM BEFORE RUNNING WEDGE TO HELP INSURE PROPER ALIGNMENT OF MULLS AT FACE OF SYSTEM. WHEN PREGLAZING FRAMES, MAKE SURE THAT UNITS ARE SQUARE AND THAT DAY LIGHT OPENINGS ARE HELD TO PROPER DIMENSIONS BEFORE RUNNING STRUCTURAL SILICONE. (REFERENCE SILICONE MANUFACTURER FOR PROPER CLEANING AND USE OF SILICONE.)

BROMLEY COOK ENGINEERING, INC.
 STRUCTURAL ENGINEERING SERVICES
 5440 NW 33rd Avenue - Suite 100
 FORT LAUDERDALE, FLORIDA 33309
 TEL: (954) 772-4824 FAX: (954) 772-4634

WILLIAM D. COOK, P.E. SECB
 FLA P.E. # 43904 & FLA S.E. # 2008

STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 LICENSE NO. 43904
 EXPIRES 12/31/2010

FOR MIAMI-DADE CO. B.C.C.O.

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 10-1102-04
 Expiration Date FEB 27, 2013
 By *Manuel Perez*
 Miami-Dade Product Control

REV	BY	DATE	DESCRIPTION

MANUAL COMP

Oldcastle BuildingEnvelope™
 803 AIRPORT RD. TERRELL TX 75160
 (972) 551-6100

PROJECT APPROVAL DRAWINGS
 RW-5000 RIBBON WINDOW SYSTEM
 SMALL MISSILE IMPACT

PROJECT NO. _____

DRAWN	DATE
GRG	8/27/10

SCALE: NOTED

DRAWING NO. RW-5000SM

SHEET 6 OF 7

