



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Vistawall Architectural Products

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 Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "RW-5000" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **RW5000-LM**, titled "RW-5000 Impact - Ribbon Window System – Large Missile Impact", sheets 1 through 7 of 7, dated 07/21/08 with revision dated 1/11/09, 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 and renews NOA # 04-0601.01** 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. 08-0220.03
Expiration Date: February 27, 2013
Approval Date: February 04, 2009
Page 1

Vistawall Architectural Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **RW5000-LM**, Sheets 1 through 7 of 7, titled "RW-5000 Impact – Ribbon Window System – Large Missile Impact", dated 07/21/08 with revision dated 1/11/09, 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 NOA # 04-0601.01"
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 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 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 NOA # 02-1202.01"


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0220.03

Expiration Date: February 27, 2013
Approval Date: February 04, 2009

Vistawall Architectural Products

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 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 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 NOA # 02-1202.01"

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 7/07/08, revised on 10/20/08 and 01/11/09, prepared, signed and sealed by William D. Cook, P.E. **Complies with ASTM E1300-98/02**

D. QUALITY ASSURANCE

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


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0220-03
Expiration Date: February 27, 2013
Approval Date: February 04, 2009

Vistawall Architectural Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

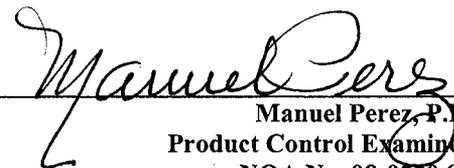
1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their “**Saflex III G Clear or colored interlayer**” dated 05/04/06, expiring on 05/21/11.
2. Notice of Acceptance No. **04-0115.01** issued to Viracon, Inc. for their “**Viracon HRG-2**”, dated 02/12/04, expiring on 02/12/09.
3. Notice of Acceptance No. **07-1116.11** issued to Saf-Glas, LLC for their “**SAF-GLAS Polycarbonate Laminate**”, dated 12/27/07, expiring on 12/16/12.
4. Notice of Acceptance No. **03-0514.15** issued to Oldcastle Glass Inc. for their “**Storm Glass used for lamination of glass**”, dated 12/11/03, expiring on 12/11/08.

F. STATEMENTS

1. Statement letter of conformance, dated February 14, 2008, 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. **04-0601.01**, issued to Vistawall Architectural Products for their Series “RW-5000” Aluminum Fixed Window, approved on 02/27/08 and expiring on 09/16/04.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0220.03

Expiration Date: February 27, 2013
Approval Date: February 04, 2009

NOTES:

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

-THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE.

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

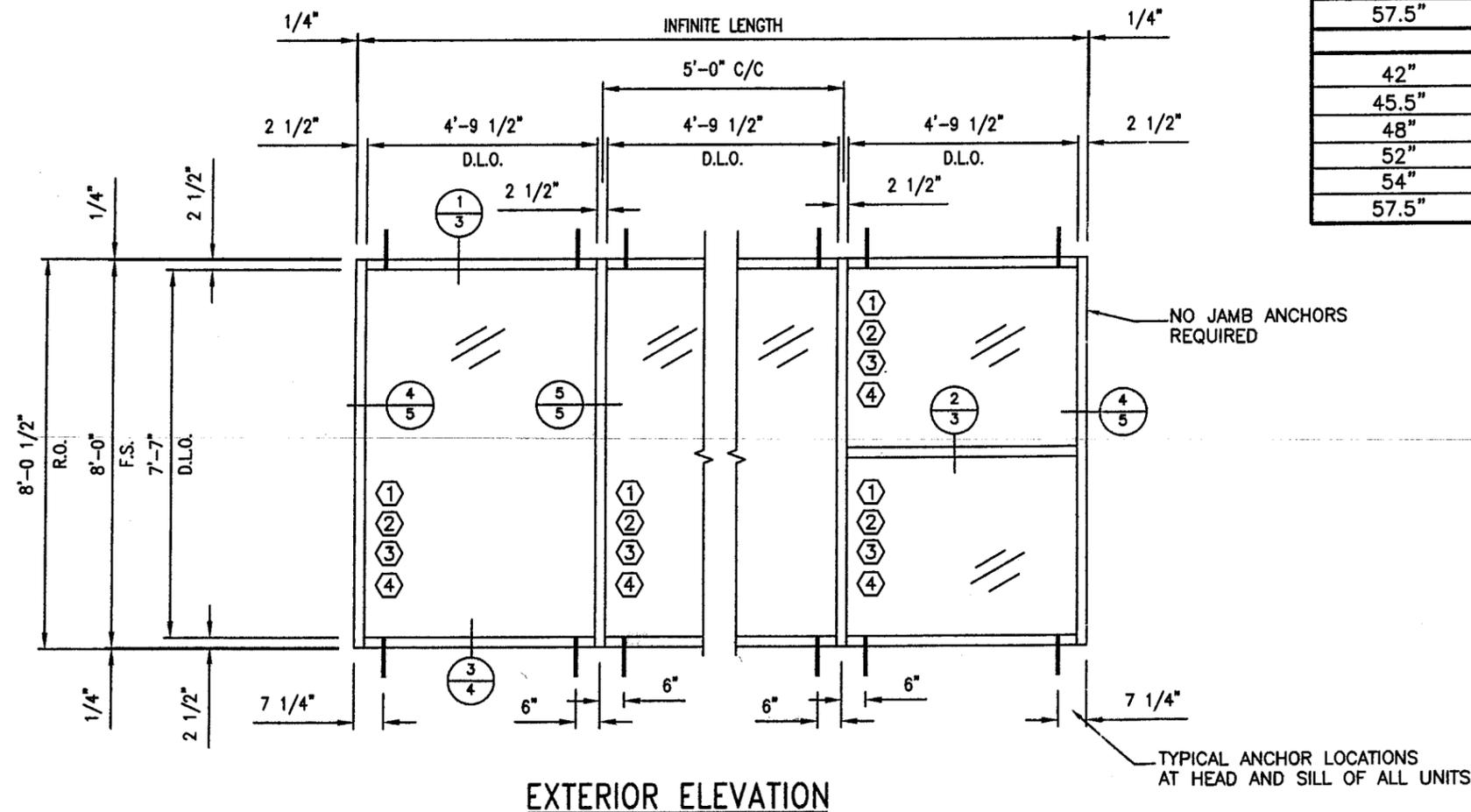
-A 33% INCREASE IN ALLOWABLE STRESS NOT USED IN ANALYSIS.

-ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED. AS PER FBC SECTION 2003.2.4

GLASS SCHEDULE - LARGE MISSILE IMPACT			GASKETS
①	MANUFACTURER	DESCRIPTION	
①	SECURITY IMPACT GLASS	1/4" H.S. GLASS AT INNER AND OUTER FACES .070 POLYCARBONATE, .015 POLYURETHANE LAMINATE; TOTAL = .536	FG-5126 INT FG-5125 EXT
②	VIRACON HRG2	1/4" H.S. GLASS AT INNER AND OUTER FACES, .080 POLYCARBONATE, .050 URETHANE LAMINATE; TOTAL = .616	FG-5126 INT FG-1133 EXT
③	SOLUTIA SAFLEX PVB	1/4" H.S. GLASS AT INNER AND OUTER FACES, .090 SAFLEX PVB; TOTAL = .526	FG-5126 INT FG-5125 EXT
④	OLDCASTLE STORMGLASS	1/4" H.S. GLASS AT INNER AND OUTER FACES, .075 VANCEVA INTERLAYER; TOTAL = .511	FG-5126 INT FG-5125 EXT

SEE GLAZING DETAIL ON SHEET - 4

MAX. DESIGN PRESSURES (P.S.F.) FOR VARIOUS GLASS TYPES					
GLASS WD. D.L.O.	GLASS HGT. D.L.O.	GLASS TYPES (MONOLITHIC LAMINATED - LARGE MISSILE IMPACT)			
		①	②	③	⑤
42"	55"	+70, -80	+70, -80	+50, -58	+70, -80
45.5"		+70, -80	+70, -80	+50, -58	+70, -80
48"		+70, -80	+70, -80	+50, -58	+70, -80
52"		+70, -80	+70, -80	+50, -58	+70, -80
54"		+70, -80	+70, -80	+50, -58	+70, -80
57.5"		+70, -80	+70, -80	+50, -58	+70, -80
42"	91"	+70, -80	+70, -80		+70, -80
45.5"		+70, -80	+70, -80		+70, -80
48"		+70, -80	+70, -80		+70, -80
52"		+70, -80	+70, -80		+70, -80
54"		+70, -80	+70, -80		+70, -80
57.5"		+70, -80	+70, -80		+70, -80



BROMLEY • COOK ENGINEERING, INC.
 5440 NW 33 RD. AVE SUITE 100
 FT. LAUDERDALE, FL 33309
 954-772-4624, FAX 954-772-4634

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 08-0220.03
 Expiration Date FEB. 27, 2013
 By *Maurel Perry*
 Miami Trade Product Control Division

JAN 13 2009

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

FINAL REVISIONS	1/11/09	BY
NO REVISION	DATE	BY

VISTAWALL
 ARCHITECTURAL PRODUCTS
 803 AIRPORT RD. TERRELL TX 75160 (972) 551-6100
 THE VISTAWALL GROUP
 BUTLER MANUFACTURING COMPANY

RW-5000 IMPACT
 RIBBON WINDOW SYSTEM - LARGE MISSILE IMPACT

DATE	21-JULY-08	SHEET 1 OF 7
DRAWN BY	LAK	
DWG. NO.	RW5000-LM	

RW-5000 IMPACT ACCESORIES

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

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

GASKETS AND HARDWARE			
PART NO	DESCRIPTION	MANUFACTURER	LOCATION
CW-998	BULB GASKET	VISTAWALL	MULLIONS
FG-1133	EPDM GASKET	VISTAWALL	VIRACON HRG2 EXTERIOR
FG-5125	EPDM GASKET	VISTAWALL	TYPICAL EXTERIOR
FG-5126	VINYL SPACER	VISTAWALL	TYPICAL INTERIOR
FG-5124	EPDM SETTING BLOCK	VISTAWALL	SILL & HORIZONTAL
RW5000-FP-3	VINYL WATER DIVERTER	VISTAWALL	HORIZONTALS
RW-5139	ALUM. SETTING CHAIR X 4" LG.	VISTAWALL	SILL
FG-5128	VINYL BAFFLE RETAINER	VISTAWALL	SILL
RW5000-PP-4	BAFFLE	VISTAWALL	SILL
RW5000-FP-1	MULL CAP (MADE FROM RW-5141)	VISTAWALL	HEAD & SILL OF MULLIONS
RW5000-FP-2	JAMB CAP (MADE FROM RW-5142)	VISTAWALL	HEAD & SILL OF JAMBS
RW5000-FP-8	END DAM (MADE FROM RW-5161)	VISTAWALL	HEAD & SILL OF MULLIONS
RW5000-FP-11	MULLION CLIP(MADE FROM RW-5162)	VISTAWALL	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

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

PRODUCT REVISED
as complying with the Florida
Building Code
Approved by 08-0220.03
Expire Date FEB. 27, 2013
By *Manuel Perez*
Director, Product Development
Division

BROMLEY-COOK ENGINEERING, INC.
5440 NW 33 RD. AVE SUITE 100
FT. LAUDERDALE, FL 33309
954-772-4624, FAX 954-772-4634

✓ JAN 13 2009

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

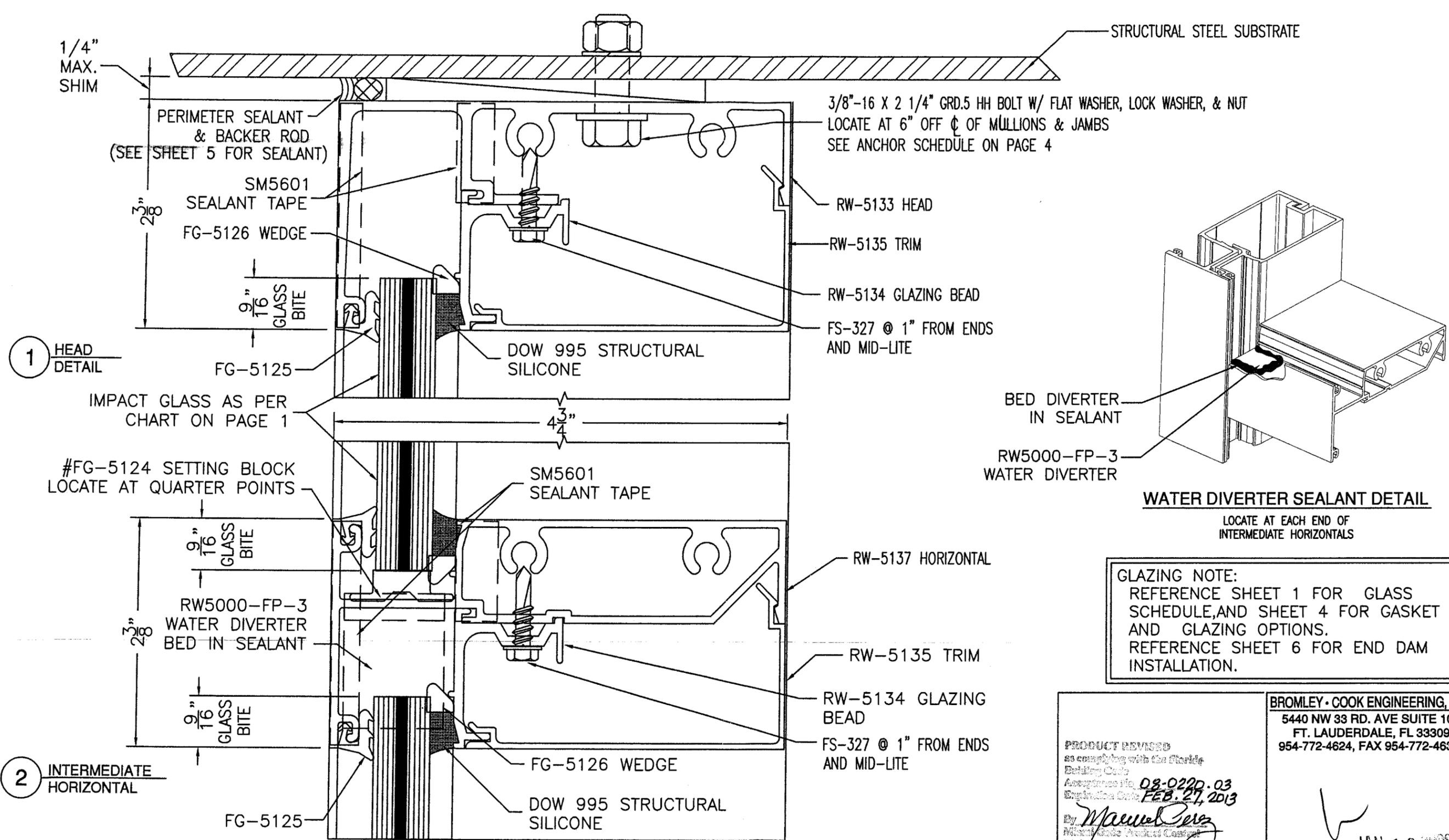
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.	FINAL REVISIONS	1/11/09	
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VISTAWALL
ARCHITECTURAL PRODUCTS
803 AIRPORT RD. TERRELL TX 75160 (972) 551-6100
THE VISTAWALL GROUP
BUTLER MANUFACTURING COMPANY

RW-5000 IMPACT
RIBBON WINDOW SYSTEM - LARGE MISSILE IMPACT

DATE 21JULY08
DRAWN BY LAK
DWG. NO. RW5000-LM

SHEET
2
OF
7



GLAZING NOTE:
 REFERENCE SHEET 1 FOR GLASS SCHEDULE, AND SHEET 4 FOR GASKET AND GLAZING OPTIONS. REFERENCE SHEET 6 FOR END DAM INSTALLATION.

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 08-0220-03
 Expiration Date FEB. 27, 2013
 By *Mauro Perez*
 Product Control Division

BROMLEY • COOK ENGINEERING, INC.
 5440 NW 33 RD. AVE SUITE 100
 FT. LAUDERDALE, FL 33309
 954-772-4624, FAX 954-772-4634

W
 JAN 13 2009

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

NO	REVISION	DATE	BY
	FINAL REVISIONS	1/11/09	

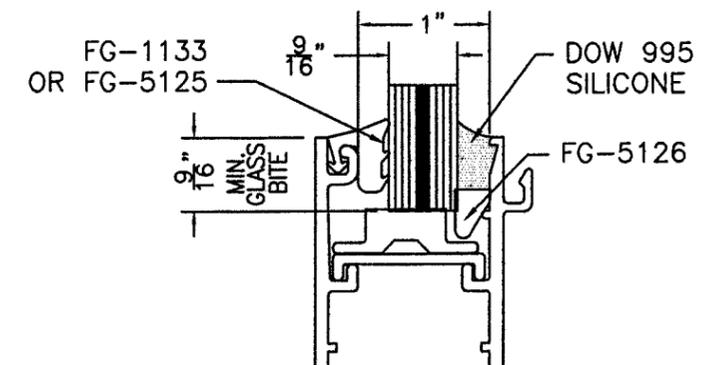
VISTAWALL
 ARCHITECTURAL PRODUCTS
 803 AIRPORT RD. TERRELL TX 75160 (972) 551-6100
 THE VISTAWALL GROUP
 BUTLER MANUFACTURING COMPANY

RW-5000 IMPACT
 RIBBON WINDOW SYSTEM - LARGE MISSILE IMPACT

DATE	21 JULY 08	SHEET 3 OF 7
DRAWN BY	LAK	
DWG. NO.	RW5000-LM	

GLAZING DETAILS

SEE SHEET 1 FOR GLASS TYPES



GLAZING FOR GLASS TYPE

- ① 1/4" H.S. GLASS AT INNER AND OUTER FACES - .070 POLYCARBONATE - .015 POLYURETHANE LAMINATE
- ② 1/4" H.S. GLASS AT INNER AND OUTER FACES - .080 POLYCARBONATE - .050 URETHANE LAMINATE
- ③ 1/4" H.S. GLASS AT INNER AND OUTER FACES - .090 SAFLEX PVB
- ④ 1/4" H.S. GLASS AT INNER AND OUTER FACES - .075 VANCEVA INTERLAYER

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

PRODUCT REVISED
to comply with the Florida
Building Code
Approved By: 08-0220-03
Expiration Date: FEB. 27, 2013
By: *Manuel Perez*
Miami Code Product Control
Division

BROMLEY • COOK ENGINEERING, INC.
5440 NW 33 RD. AVE SUITE 100
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Manuel Perez
JAN 13 2009

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

IMPACT GLASS AS PER
CHART ON PAGE 1

3 SILL
DETAIL

FG-1133
OR FG-5125

DOW 995
STRUCTURAL SILICONE

FG-5126

RW-5140
SILL FILLER

FG-5124
SETTING BLOCK
LOCATE AT
QUARTER POINTS

RW-5139
SETTING CHAIR
LOCATE AT
SETTING BLOCKS
AND MID-LITE

FS-45

SM5601
SEALANT TAPE

FG-5128 BAFFLE
RETAINER

RW-5138 SILL

3/8"Ø ANCHOR
REFER TO
ANCHOR
SCHEDULE

1/4" Ø WEEP HOLE
(2) PER LITE, LOCATE
AT QUARTER POINTS

RW5000-FP-1 (MULL CAP)
RW5000-FP-2 (JAMB CAP)
RW5000-FP-8 (END DAM)

PERIMETER SEALANT
AND BACKER ROD
(SEE SHEET 5 FOR SEALANT)

RW5000-PP-4
RETICULATED FOAM
BAFFLE, LOCATE AT
WEEPS.

MIN. EDGE
DISTANCE
SEE ANCHOR SCHEDULE

MIN. EDGE DISTANCE
(IF APPLICABLE)
SEE ANCHOR SCHEDULE

VISTAWALL
ARCHITECTURAL PRODUCTS
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RW-5000 IMPACT
RIBBON WINDOW SYSTEM - LARGE MISSILE IMPACT

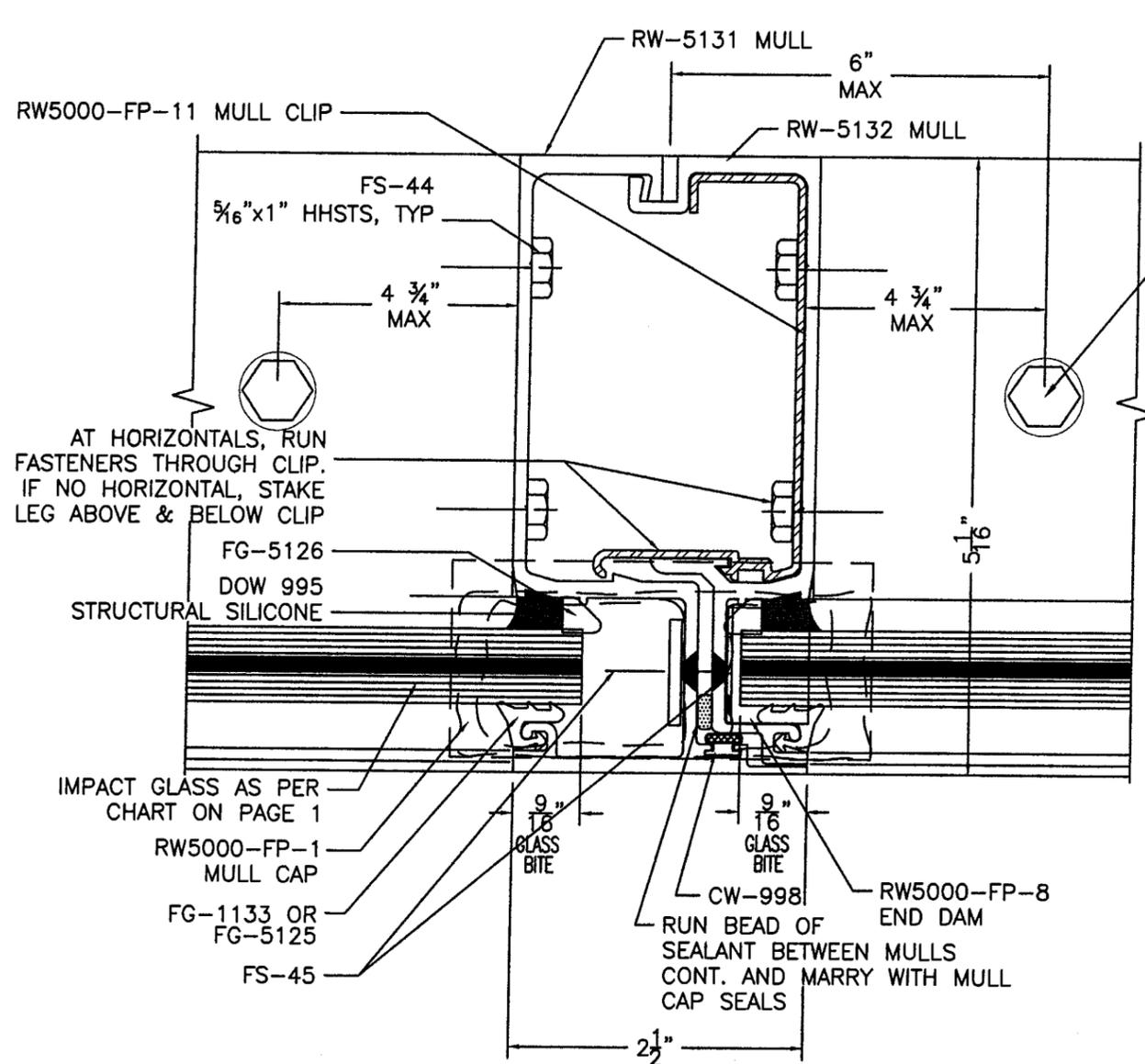
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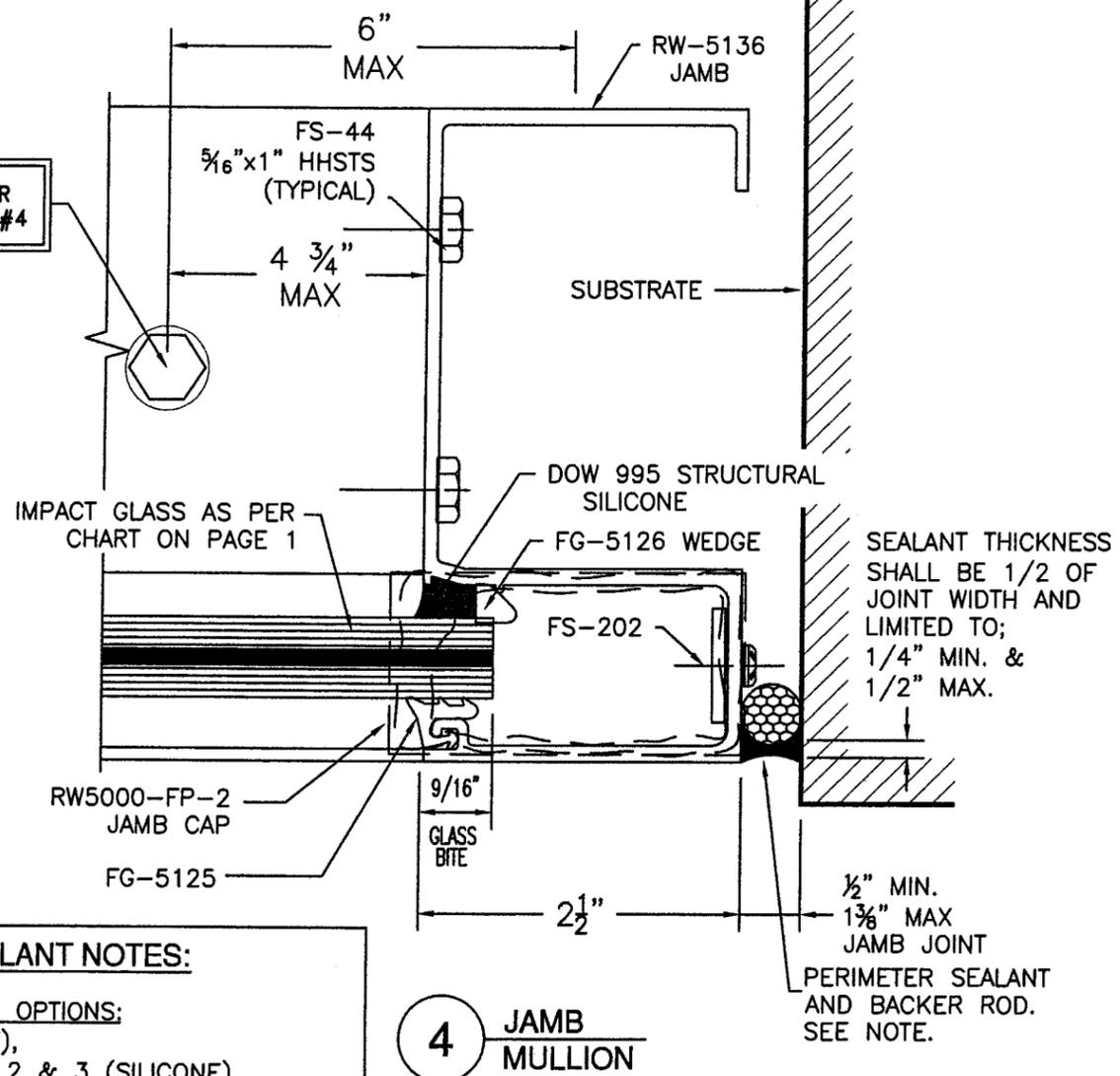
DWG. NO. RW5000-LM

SHEET 4
OF 7

NO	REVISION	DATE	BY
.	FINAL REVISIONS	1/11/09	



5 INTERMEDIATE MULLION



4 JAMB MULLION

ANCHOR PER ANCHOR SCHEDULE ON SHEET #4

JAMB SEALANT NOTES:
PERIMETER SEALANT OPTIONS:
 DOW 795 (SILICONE),
 TREMCO SPECTREM 2 & 3 (SILICONE)
 TREMCO DYMONIC FC (URETHANE)
 SONNEBORN SOLOLASTIC 150 (ELASTOMERIC)
ALTERNATE SEALANTS & ALTERNATE JAMB GAPS:
 TO BE APPROVED BY
 DESIGN PROFESSIONAL OF RECORD AND
 SEALANT MANUFACTURER.

SEALANT THICKNESS SHALL BE 1/2 OF JOINT WIDTH AND LIMITED TO; 1/4\"

1/2\"

GLAZING NOTE:
 REFERENCE SHEET 1 FOR GLASS SCHEDULE, AND SHEET 4 FOR GLAZING DETAILS

SEE SHEET 6 FOR ADDITIONAL MULL CAP INSTALLATION INFORMATION

PRODUCT REVISED as complying with the Florida Building Code Amendments No. 08-D220.03 Registration Date FEB. 27, 2013
 By *Manuel Ruiz*
 National Product Control Division

BROMLEY · COOK ENGINEERING, INC.
 5440 NW 33 RD. AVE SUITE 100
 FT. LAUDERDALE, FL 33309
 954-772-4624, FAX 954-772-4634
 JAN 18 2009
 WILLIAM D. COOK, PE, SECB
 FL P.E. # 43904 - FL S.I. # 2008

FINAL REVISIONS	1/11/09	DATE	BY
NO REVISION			

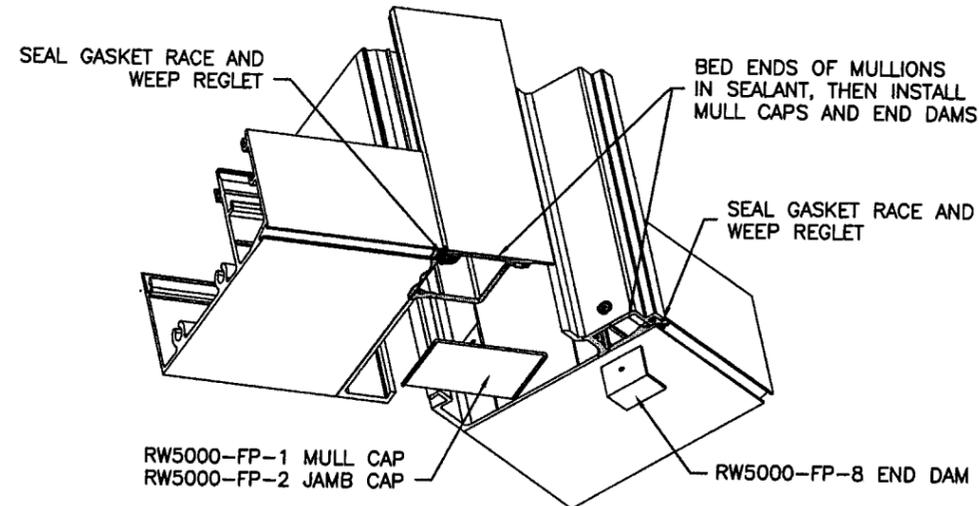
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RW-5000 IMPACT
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DATE	21 JULY 08
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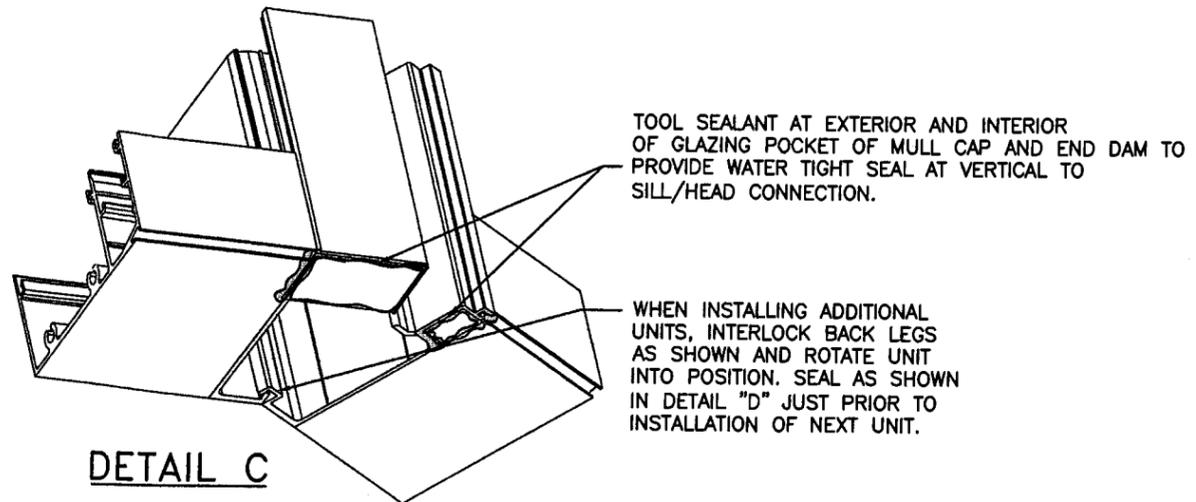
SHEET	5
OF	7

MULL CAP SEALANT DETAIL AND INSTALLATION INSTRUCTIONS



DETAIL A

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

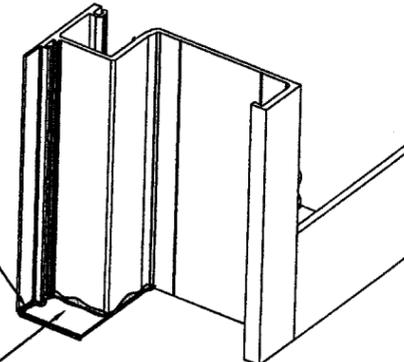


DETAIL C

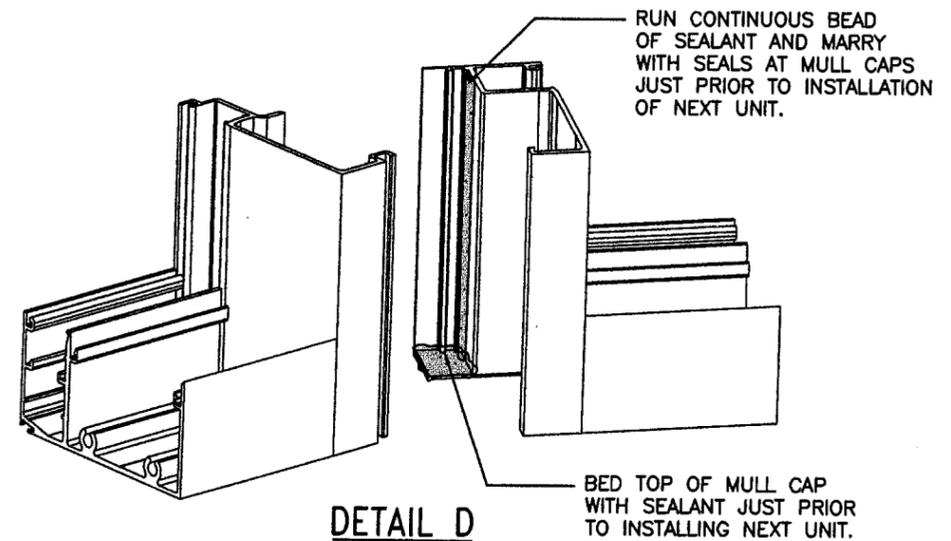
INSTALL MULL CAPS AND END DAMS USING FS-45 (#8 X 1/2" PFH), INSTALL JAMB CAPS USING FS-202 (#8 X 1/2" PPH). (CAP SEAL ALL FASTENERS)

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 D

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.)

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Approval No. 08-0220.03
 Engineering Date FEB. 27, 2013
 By *Manuel Perez*
 Technical Product Control
 Division

BROMLEY • COOK ENGINEERING, INC.
 5440 NW 33 RD. AVE SUITE 100
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 954-772-4624, FAX 954-772-4634

JAN 13 2009

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

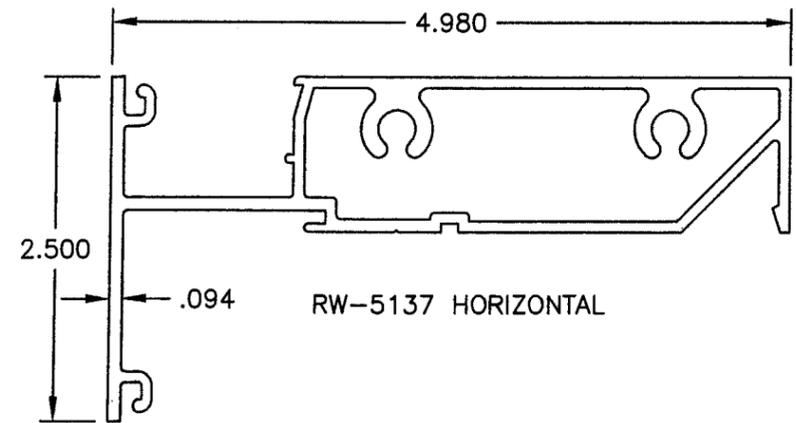
FINAL REVISIONS		1/11/09	BY	VISTAWALL ARCHITECTURAL PRODUCTS PRODUCT DEVELOPMENT GROUP
NO	REVISION	DATE		

RW-5000 IMPACT
 RIBBON WINDOW SYSTEM - LARGE MISSILE IMPACT

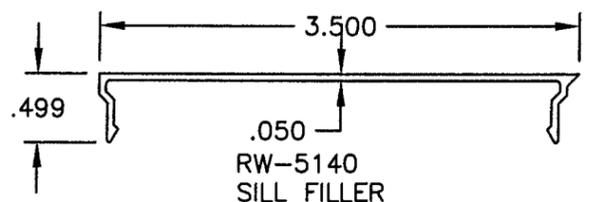
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 DWG. NO. RW5000

SHEET 6
 OF 7

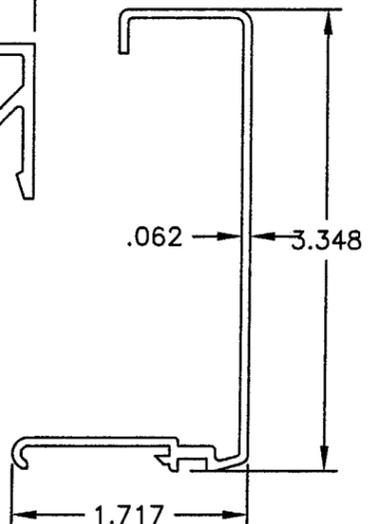
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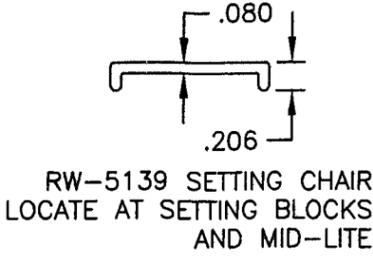
RW-5137 HORIZONTAL



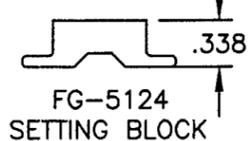
RW-5140 SILL FILLER



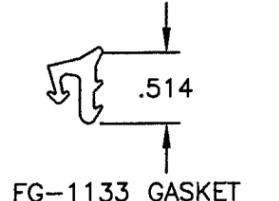
RW5000-FP-11 MULL CLIP



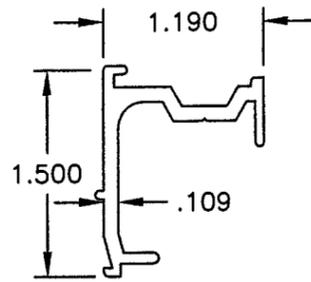
RW-5139 SETTING CHAIR
LOCATE AT SETTING BLOCKS
AND MID-LITE



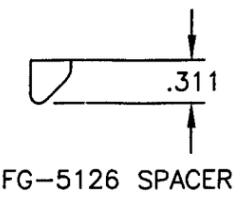
FG-5124 SETTING BLOCK



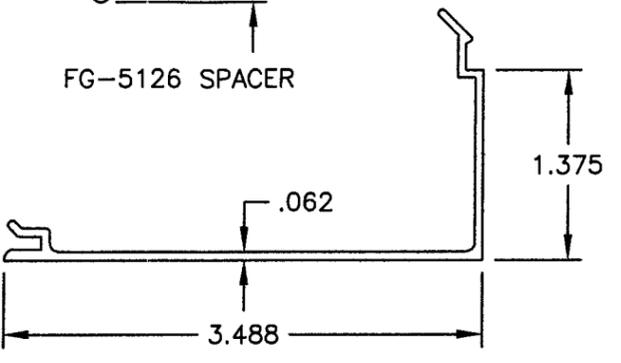
FG-1133 GASKET



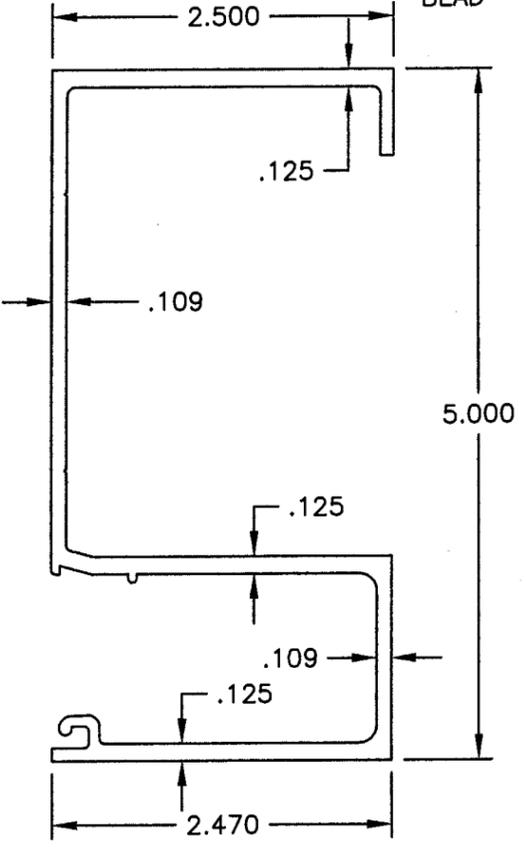
RW-5134 GLAZING BEAD



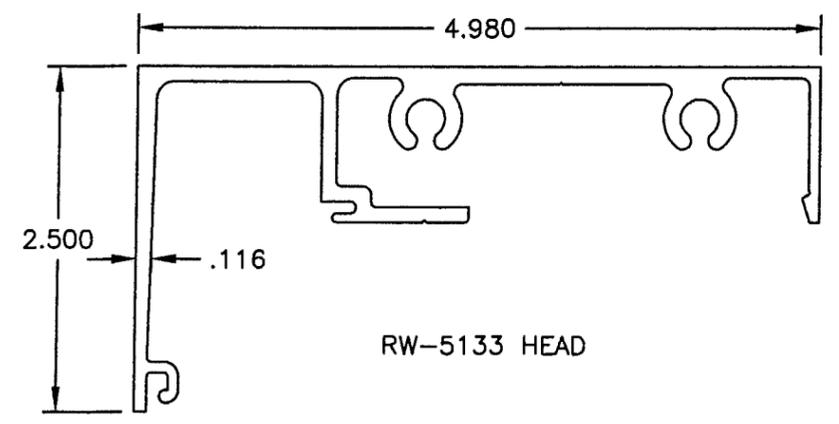
FG-5126 SPACER



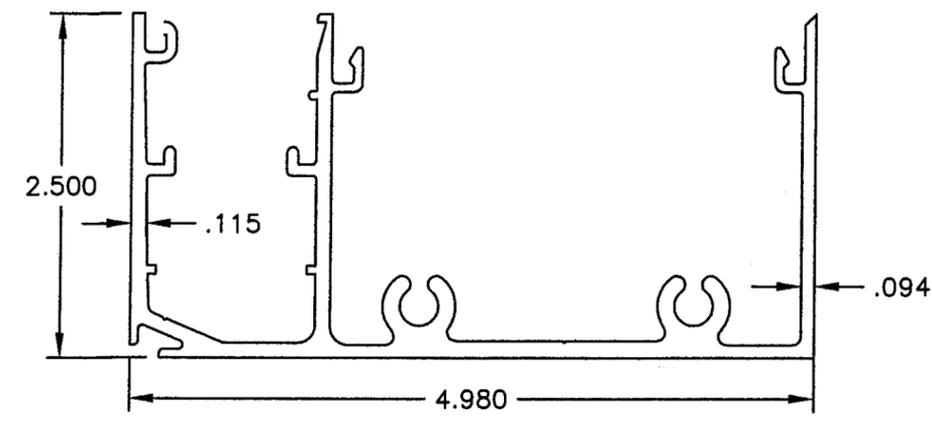
RW-5135 TRIM



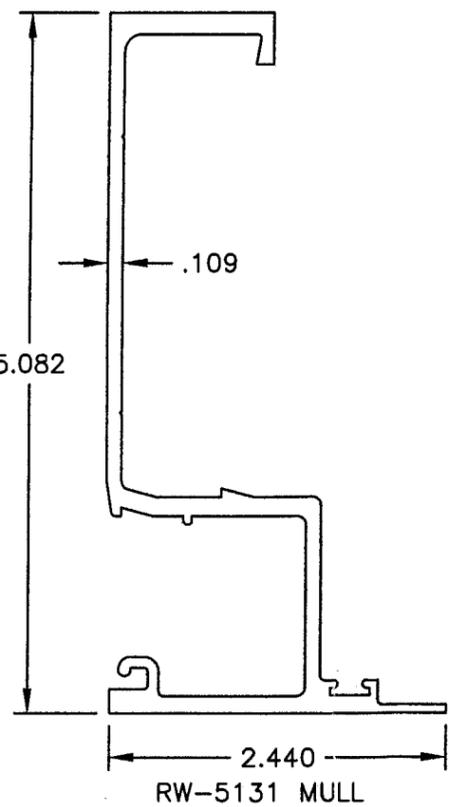
RW-5136 JAMB



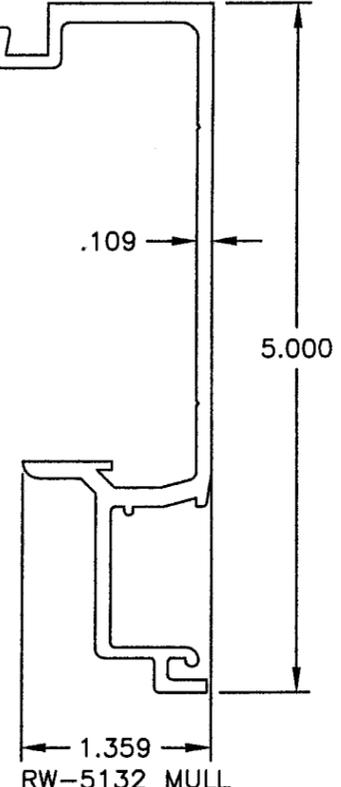
RW-5133 HEAD



RW-5138 SILL



RW-5131 MULL



RW-5132 MULL

PRODUCT REVISED
to comply with the Florida
Building Code
Approval No. **08-0220.03**
Expiration Date **FEB. 27, 2013**
By *William D. Cook*
William D. Cook, PE, SECB
Division

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FINAL REVISIONS	1/11/09	BY
NO REVISION	DATE	BY

VISTAWALL
ARCHITECTURAL PRODUCTS
PRODUCT DEVELOPMENT GROUP

RW-5000 IMPACT
RIBBON WINDOW SYSTEM - LARGE MISSILE IMPACT

DATE	21 JULY 08
DRAWN BY	LAK
DWG. NO.	RW5000-LM

SHEET
7
OF 7