



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

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

DESCRIPTION: Series "CW-250" Aluminum Window Wall System-Impact

APPROVAL DOCUMENT: Drawing No. cw250imp-01, titled "Series CW-250 Window Wall System", sheets 1 through 6 of 6, prepared by the manufacturer, dated 08/18/97 with last revision on 05-07-03 (sheet 1 of 6) & 05/18/00 (sheet 2 thru 6), signed and sealed by William M. Myers, P.E., bearing the Miami-Dade County Product Control Renewal 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

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 & renews NOA # 99-0114.04 and, consists of this page 1 as well as approval document mentioned above.

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

5/5/03



**NOA No 03-0417.04
Expiration Date: June 29, 2008
Approval Date: May 29, 2003
Page 1**

Vistawall Architectural Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

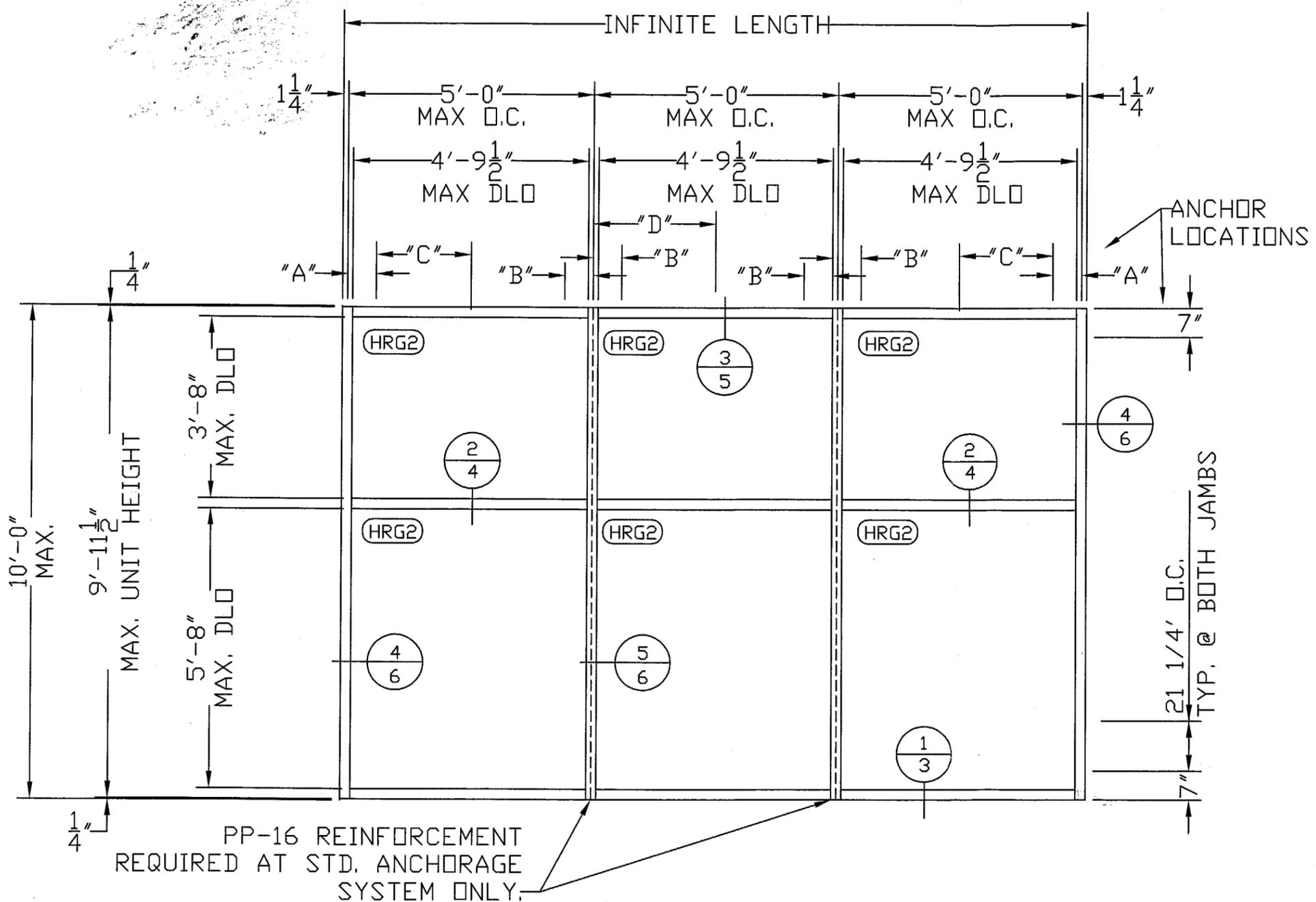
(For File ONLY. Not part of NOA)

- A. DRAWINGS (Submitted under NOA #99-0114.04)**
1. Manufacturer's die drawings and sections.
 2. Drawing No. **cw250imp-01**, titled "Series CW-250 Window Wall System", sheets 1 through 6 of 6, prepared by the manufacturer, dated 08/18/97 with last revision on 05-07-03 (sheet 1 of 6) & 05/18/00 (sheet 2 thru 6), signed & sealed by William M. Myers, P.E..
- B. TESTS (Submitted under NOA #99-0114.04) (Formerly tested under SFBC-PA201, 202, 203)**
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
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 installation diagram of an aluminum window wall system marked-up by Hurricane Test Laboratory, Inc. Test Reports Nos. **HTL-0105-1108-97, HTL-0105-0510-98, HTL-0105-1108-97 & HTL-0105-0510.98**, reported dated 09/15/98, signed and sealed by Timothy S. Marshall, P.E. (This test report was revised by addendum letter dated May 02, 2000 & May 09, 2000 issued by HTL, signed and sealed by Vinu Abraham, 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 20294
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 installation diagram of an aluminum window wall system marked-up by Hurricane Test Laboratory, Inc. Test Reports Nos. **HTL-0105-1208-99 (Sp# 1, 2, 3 & 4)**, report dated 12/08/99, signed and sealed by Vinu Abraham, P.E.
- C. CALCULATIONS (Submitted under NOA #99-0114.04)**
1. Anchor Calculations & structural analysis, dated 12/11/98 revised on 05-14-99, 02-05-02, 04-29-02, 05-01-02 & 05-08-2000, prepared, signed and sealed by Wm. M. Meyers, P.E.
- D. MATERIAL CERTIFICATIONS (Submitted under NOA #99-0114.04)**
1. Test report No. ETC-97401-3770.04, dated 03-12-98, prepared by ETC Laboratories for "The Wind-Pane Laminated Hurricane Glazing", per checklist of approval of Plastic requirement of SFBC, issued to Globe Amerada Glass, signed by Joseph L. Doldan, P.E.
 2. Notice of Acceptance No. 00-0614.09 issued to Viracon Inc for "HRG Laminated Glass", approved on 11/2/00, expiring on 10/16/03.
- E. STATEMENTS**
1. Statement request letter dated 4/14/03 "Renewal w/ no change", issued by The Vistawall Group, signed by Fred Grunewald.
 2. Letter dtd 04-09-03 stating "Still in Eng. Practice", signed by Wm. M. Meyers, P.E.
 3. Statement letters (**Submitted under NOA #99-0114.04**)
- F. OTHER**
1. Notice of Acceptance No. **99-0114.04** issued to Vistawall, expiring on 6/29/03.
 2. Glazing complies w/ ASTM E-1300.
 3. Test proposal by BCCO dated August 13, 1997.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 03-0417.04

Expiration Date: June 29, 2008
Approval Date: May 29, 2003



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0407-04
 Expiration Date JUNE 29, 2008
 By Iskag I. Chanda
 Miami Dade Product Control
 Division

NOTE:
 ALL ALUMINIUM EXTRUSIONS
 ARE 6063-T6 ALLOY

ROBT. E. FISHER
 WM. M. MEYERS, P.E.
 Consulting Engineers
 9301 N.E. 6th Ave. C-300
 Miami Shores, FL 33138
 (305) 758-3117 557-4006 Fax 362-6282

W. M. Meyers
 FLA. 18755
 STRUCTURAL
 Date: 05/07/09

DESIGN PRESSURE RATING	
POSITIVE	+80 psf
NEGATIVE	-80PSF

NOTE:
 REFER TO SEPERATE "VISTAWALL" CURRENT
 NOA FOR NSH212 DOOR DETAILS.

TYPICAL ANCHOR SPACING AT HEAD & SILL

SYSTEM	"A"	"B"	"C" O.C. SPACING	"D" O.C. SPACING
STD. ANCHOR	3 3/4"	2 1/2"	18 3/8"	18 5/16"
ALT. ANCHOR	7"	7"	23 5/8"	23"

REVISE DLO MAXIMUM HEIGHT PER NEW CODE	5/1/03	PC
REVISE GLASS	5/18/00	PC
NO. REVISION	DATE	BY

VISTAWALL
 ARCHITECTURAL PRODUCTS
 PRODUCT DEVELOPMENT GROUP

SERIES CW-250
 WINDOW WALL SYSTEM

DATE 18-AUG-97
 DRAWN BY JPC
 DWG. NO. cw250imp_01

SHEET
 1
 OF
 6

CW-250 ACCESORIES

*18755
JHWK.
5/24/02*

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0417-04
Expiration Date JUNE 29, 2008
By Ishag I. Chanda
Miami Dade Product Control
Division

ROBT. E. FISHER
WM. M. MEYERS, P.E.
Consulting Engineers
9301 N.E. 6th Ave. C-300
Miami Shores, FL 33138
(305) 758-3117 557-4006 Fax 362-6282

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE Febr 29, 2000
BY Ishag I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0114-04

HARDWARE SCHEDULE

PART NO./LENGTH	QTY/BOLTS	DESCRIPTION	LOCATION	
CW250-FP-132	(1) 1/2"	SLEEVE ANCHOR	TYP. ANCHOR	HEAD/SILL/JAMB (ALT)
CW250-FP-134	(2) 1/2"	SLEEVE ANCHOR	MULL ANCHOR	TYP. MULL (ALT)
CW250-FP-135	(1) 1/2"	SLEEVE ANCHOR	MID ANCHOR	HEAD/SILL/JAMB (STD)
CW250-FP-137	(2) 1/2"	SLEEVE ANCHOR	MULL ANCHOR	HEAD @ MULL (STD)
CW250-FP-138	(2) 1/2"	SLEEVE ANCHOR	JAMB ANCHOR (CORNER ONLY)	HEAD @ JAMB (STD)
CW250-FP-1	(2) FS-323, (3) FS-43	SHEAR BLOCK	HORIZONTALS	
CW250-FP-2	(2) FS-323, (3) FS-43	ANCHOR S.B.	HEAD / SILL	
CW250-FP-95	(2) FS-323, (2) FS-43	SHEAR BLOCK	JAMB	
HP-92	(2) PER HORIZ.	SETTING BLOCK	SILL / HORIZ.	
CW250-FP-113	(2) PER HORIZ.	WATER DIVERTER	INT. HORIZ.	
CW250-FP-139	(2) FS-322	ANCHOR REIN.	HEAD/SILL	
CW250-FP-133	(3) 1/2"	SLEEVE ANCHOR	DOOR ANCHOR	DOOR JAMB *
CW250-FP-136	(2) 6582	DOOR ANCHOR	DOOR ANCHOR	DOOR JAMB *

FASTENER SCHEDULE

PART NO.	DESCRIPTION	LOCATION
FS-43	#12 X 3/4" PPH	SHEAR BLOCKS
FS-259	1/4"-20 X 1" PFH TYPE "F"	STEEL REIN.
FS-322	#12-14 X 1" HH DRILLFLEX	PRESSURE PLATES
FS-323	#12 X 1" PFH	SHEAR BLOCKS
FS-8	#14 X 1" HH	MULLIONS
9582	1/4"-20 X 2 1/2" PFHMS	DOOR JAMB *
FSN-37	1/4"-20 HEX NUT	DOOR JAMB *
FSW-65	1/4" LOCKWASHER	DOOR JAMB *
FS-88	3/8"-16 X 1 1/2" HHB	DOOR JAMB *
FSN-81	3/8"-16 HEX NUT	DOOR JAMB *
FSW-80	3/8" FLAT WASHER	DOOR JAMB *
FSW-118	3/8" LOCKWASHER	DOOR JAMB *
HX 1/2 X 3	1/2 SLEEVE ANCHOR BY HILTI	CONCRETE ANCHOR

GLASS DESCRIPTION

NO.	DESCRIPTION
VIRACON HRG2	3/16" HEAT STRENGTHENED GLASS AT OUTER FACES, .080 POLYCARBONATE .050 POLYURETHANE LAMINATE, WITH 1/2" OVERALL THICKNESS

WEATHERSTRIPPING SCHEDULE

PART NO.	DESCRIPTION	MANUFACTURER	MATERIAL	LOCATION
V2108-20	1/4" X 5/8" DSA TAPE	NORTON	THERMALBOND	INT. & EXT. OF HRG-2
4666	SEALANT TAPE (SM5601)	SCHNEE-MOOREHEAD	ISOCRYL	MULLION
V2108	1/4" X 1/4" DSA TAPE	NORTON	THERMALBOND	PERIMETER OF CW-658
7100	SEALANT	SCHNEE-MOOREHEAD	POLYURETHANE	PERIMETER & JOINTS

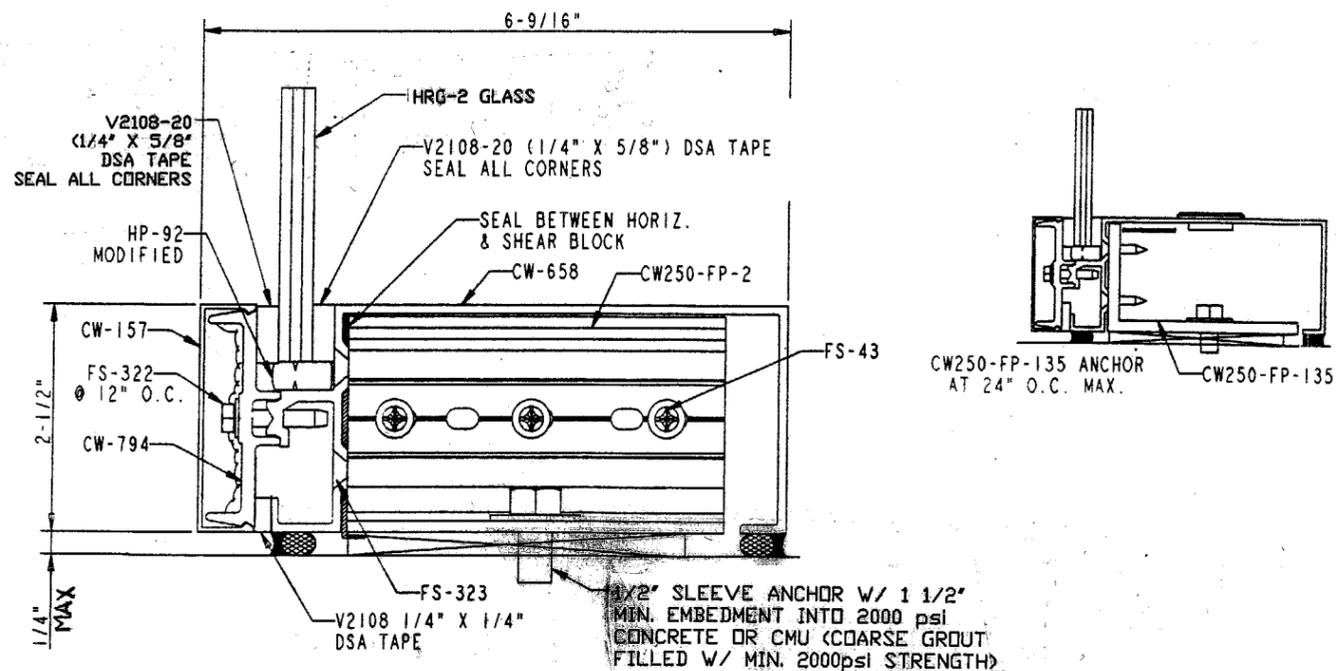
* NOTE:
DOOR ANCHORS ACCESORIES LISTED
ARE FOR REFERENCE ONLY. PLEASE
REFERENCE NSH212 PRODUCT DRAWINGS
FOR DETAILS.

NO.	REVISION	DATE	BY
	REV. GLASS, ACCESORIES	5-15-00	PC

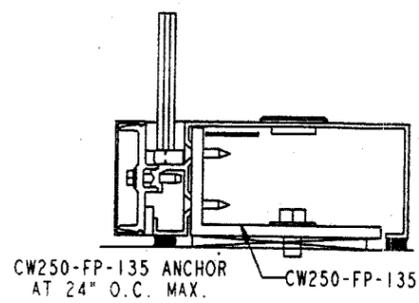
VISTAWALL
ARCHITECTURAL PRODUCTS
PRODUCT DEVELOPMENT GROUP

SERIES CW-250 WINDOW WALL SYSTEM
"PATENT APPLIED FOR".

DATE	20-Aug-97	SHEET	2
DRAWN BY	PHIL CLARK		6
DWG. NO.	cw250imp_01	OF	

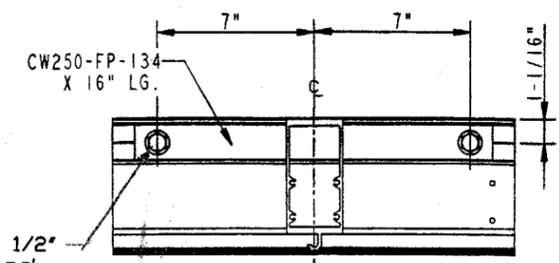
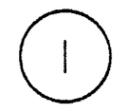


STANDARD ANCHORAGE



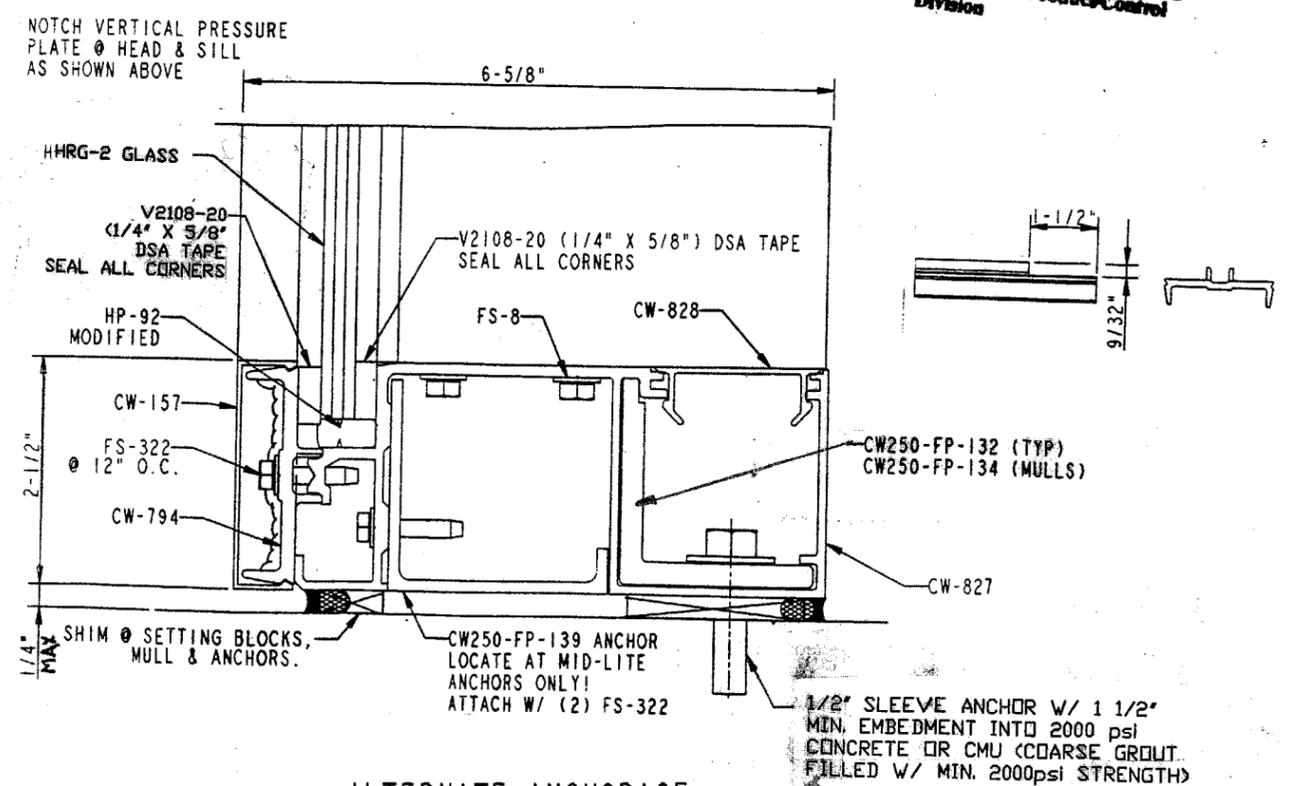
CW250-FP-135 ANCHOR AT 24" O.C. MAX.

1/2" SLEEVE ANCHOR W/ 1 1/2" MIN. EMBEDMENT INTO 2000 psi CONCRETE OR CMU (COARSE GROUT FILLED W/ MIN. 2000psi STRENGTH)



1/2" SLEEVE ANCHOR W/ 1 1/2" MIN. EMBEDMENT INTO 2000 psi CONCRETE OR CMU (COARSE GROUT FILLED W/ MIN. 2000psi STRENGTH)

TYPICAL ANCHOR LAYOUT AT HEAD & SILL FOR INTERMEDIATE MULLIONS.



ALTERNATE ANCHORAGE

Mark M. Adams
1975
Struct.
5/24/00

ROBT. E. FISHER
WM. M. MEYERS, P.E.
Consulting Engineers
9301 N.E. 6th Ave. C-300
Miami Shores, FL 33138
(305) 758-3117 557-4006 Fax 362-6282

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE June 29, 2000
BY Ishaq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0114-04

GLAZING NOTE:
USE V2108-20 (1/4" X 5/8") GLAZING TAPE AT INTERIOR AND EXTERIOR OF HRG-2.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 03-0417-04
Expiration Date JUNE 29, 2008
By Ishaq I. Chanda
Miami Dade Product Control Division

NO.	REVISION	DATE	BY
	Revise Anchor & Glass	5/18/00	PC

VISTAWALL
ARCHITECTURAL PRODUCTS
PRODUCT DEVELOPMENT GROUP

SERIES CW-250 WINDOW WALL SYSTEM
"PATENT APPLIED FOR"

DATE 25-Jul-97
DRAWN BY PHIL CLARK
DWG. NO. cw250imb_01

SHEET 3 OF 6

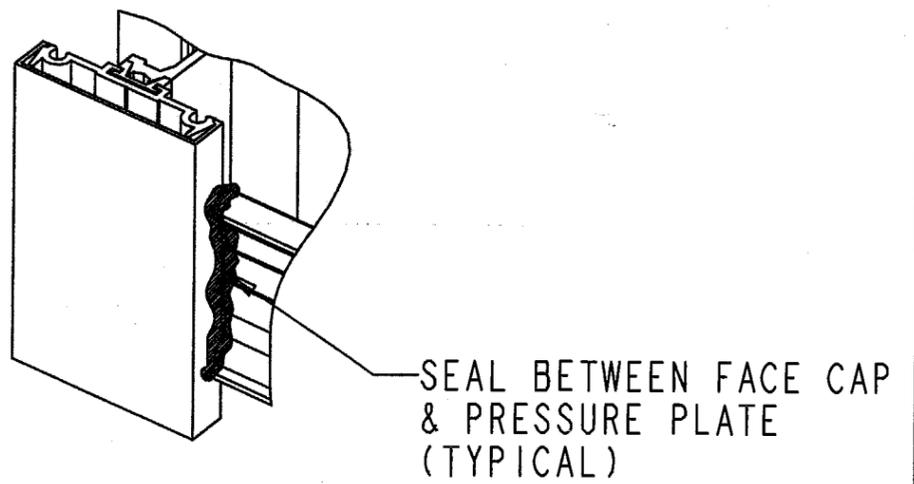
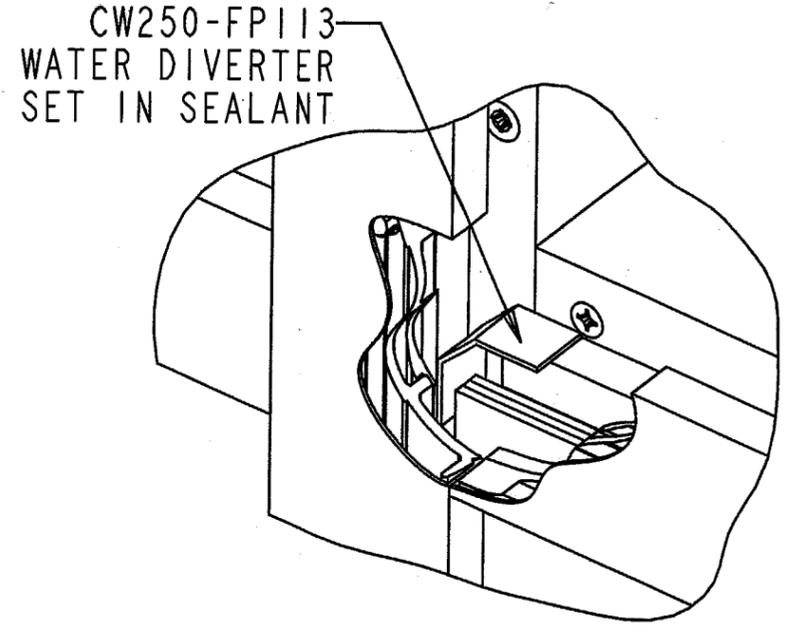
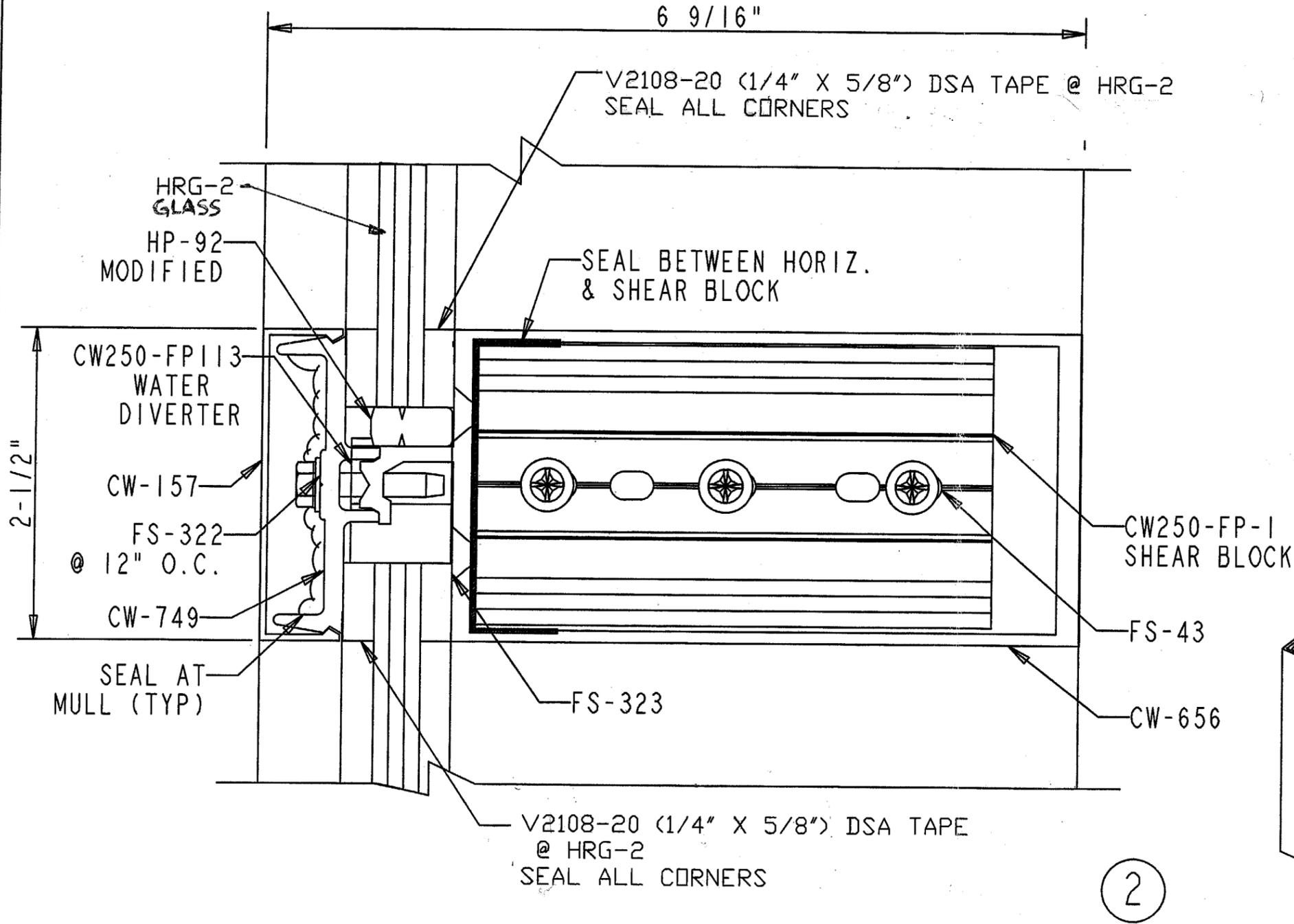
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 Expiration Date JUL 29, 2008
 By Ishag I. Chanda
 Miami Dade Product Control
 Division

Wm M. Myers
 18785
 Spwd.
 8/24/00

ROBT. E. FISHER
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APPROVED AS COMPLYING WITH THE
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GLAZING NOTE:
 USE V2108-20 (1/4" X 5/8") GLAZING
 TAPE AT INTERIOR AND EXTERIOR OF
 HRG-2.



2

NO.	REVISION	DATE	BY
	REVISE GLASS	5-18-00	PC

VISTAWALL
 ARCHITECTURAL PRODUCTS
 PRODUCT DEVELOPMENT GROUP

SERIES CW-250 WINDOW WALL SYSTEM

'PATENT APPLIED FOR'

DATE 25-Jul-97
 DRAWN BY PHIL CLARK
 DWG. NO. cw250imp_01

SHEET 4 OF 6

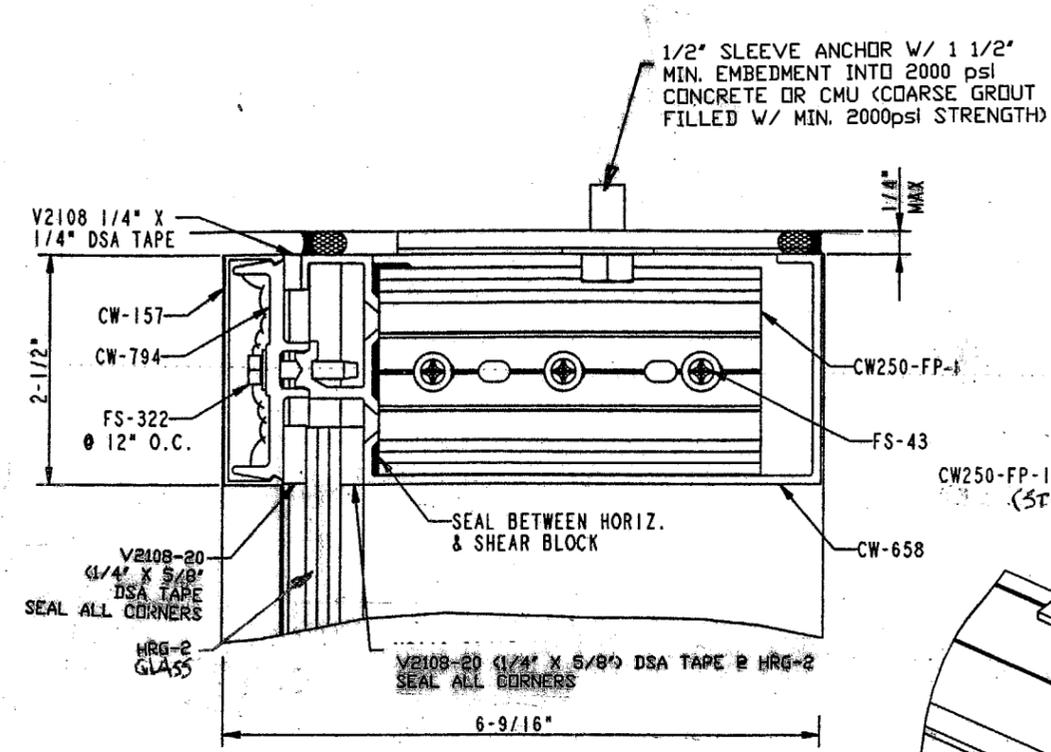
Wm M Meyer
 18755
 Street
 5/24/00

ROBT. E. FISHER
 WM. M. MEYERS, P.E.
 Consulting Engineers
 9301 N.E. 6th Ave. C-300
 Miami Shores, FL 33138
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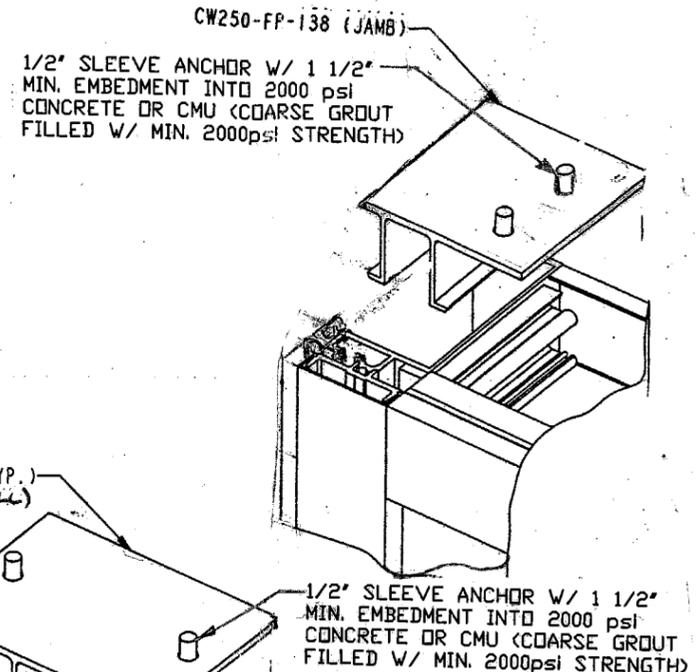
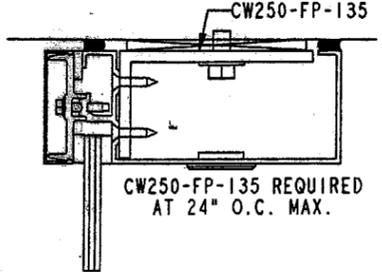
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE June 29, 2000
 BY Ishaq I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-0114-04

GLAZING NOTE:
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 TAPE AT INTERIOR AND EXTERIOR OF
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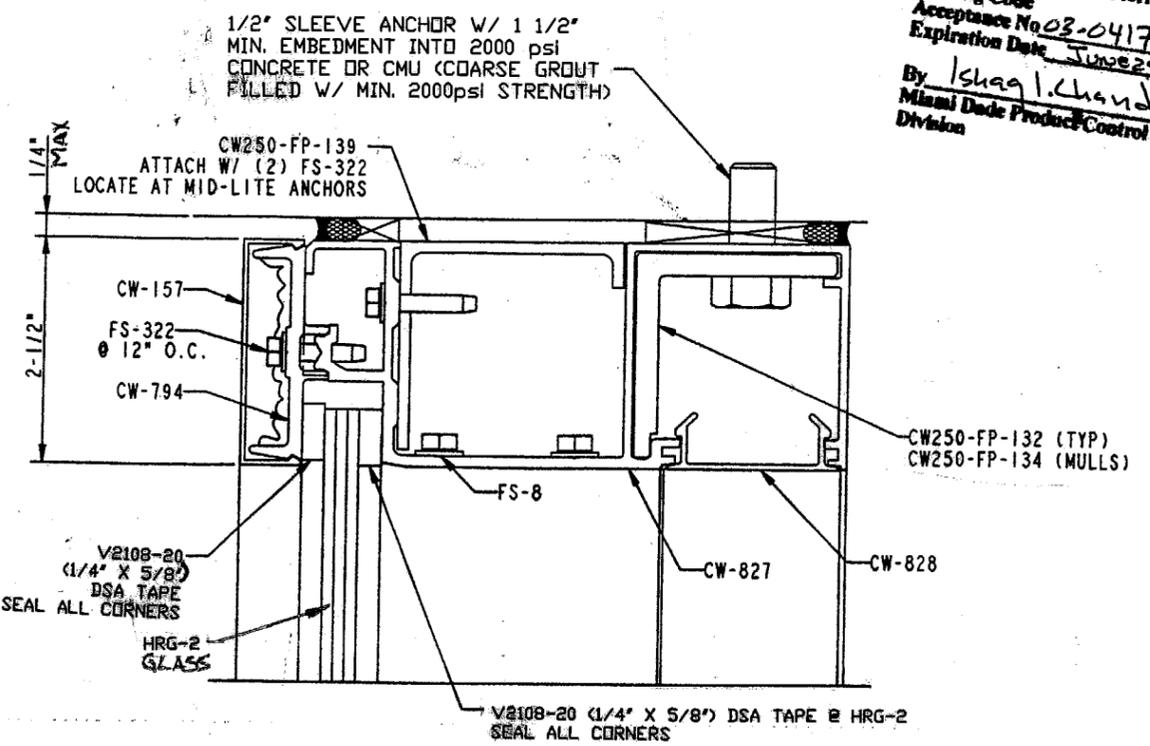
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 03-0417-04
 Expiration Date June 29, 2008
 By Ishaq I. Chanda
 Miami Dade Product Control
 Division



STANDARD ANCHORAGE



ALTERNATE ANCHORAGE



NOTE:
 REFERENCE DETAIL 2/SHT4 FOR ANCHOR
 LAYOUT AND VERTICAL PRESSURE PLATE
 FABRICATION.

3

NO	REVISION	DATE	BY
	Revised GLASS & Anchor App Detail	5-18-00	PC

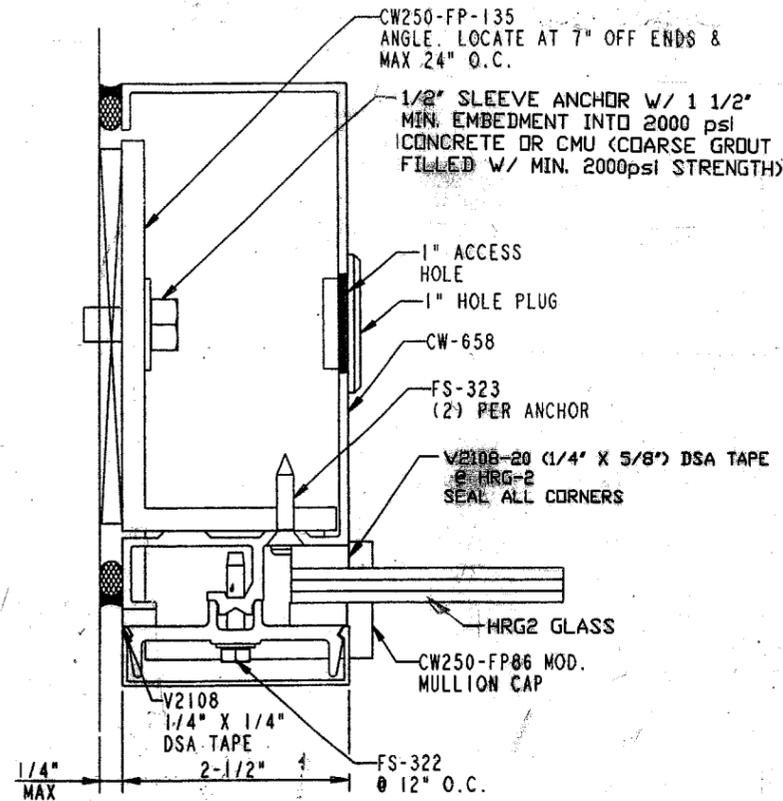
VISTAWALL
 ARCHITECTURAL PRODUCTS
 PRODUCT DEVELOPMENT GROUP

SERIES CW-250 WINDOW WALL SYSTEM

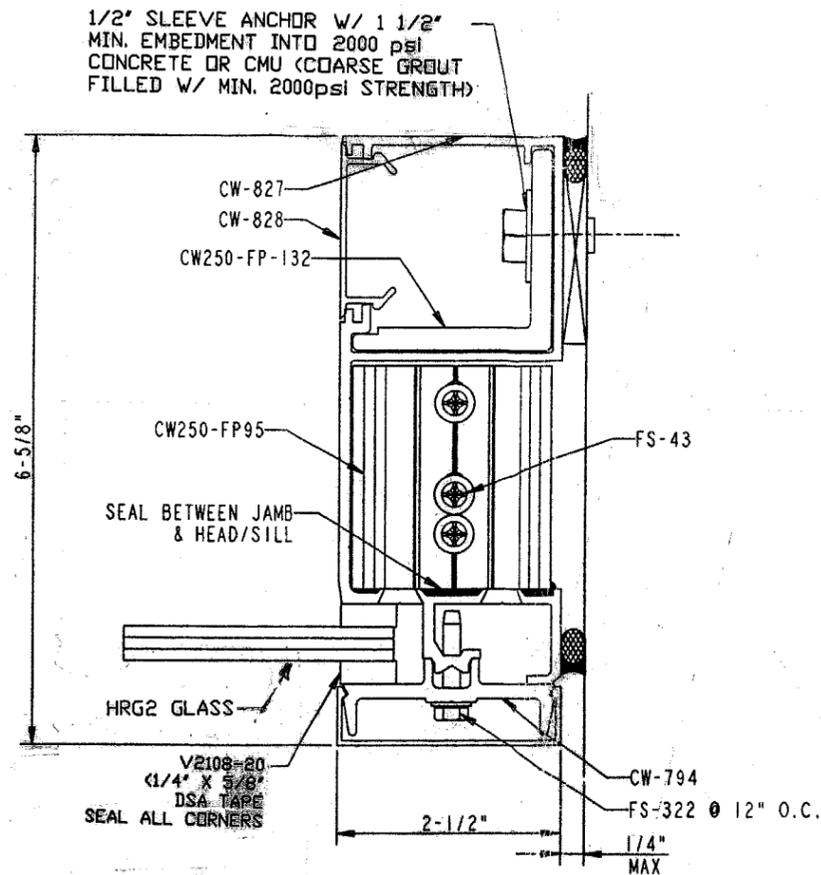
"PATENT APPLIED FOR"

DATE 22-Aug-97
 DRAWN BY PHIL CLARK
 DWG. NO. cw250imp_01

SHEET 5 OF 6



STANDARD ANCHORAGE



ALTERNATE ANCHORAGE

GLAZING NOTE:
USE V2108-20 (1/4" X 5/8") GLAZING TAPE AT INTERIOR AND EXTERIOR OF HRG-2.

W. M. Meyers
18955
Studd.
8/24/00

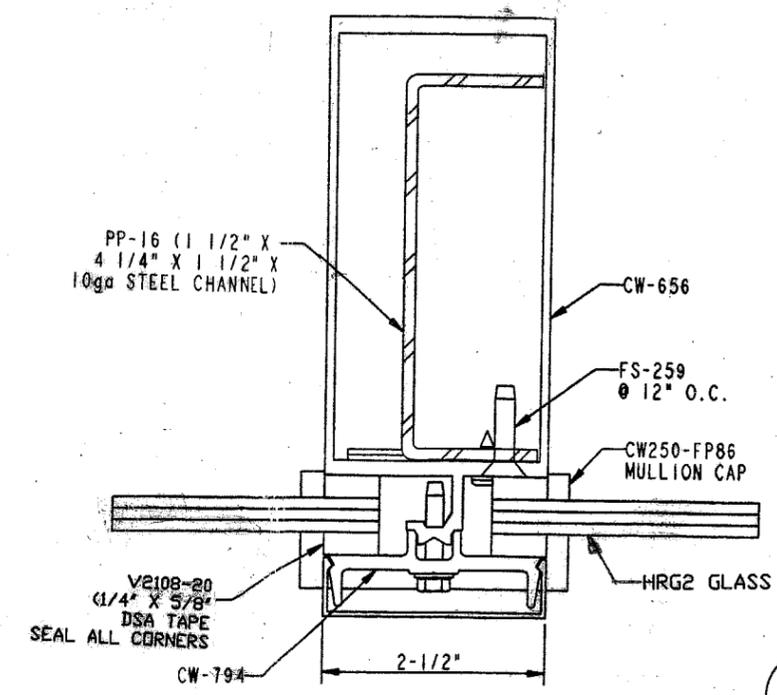
ROBT. E. FISHER
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Miami Dade Product Control Division

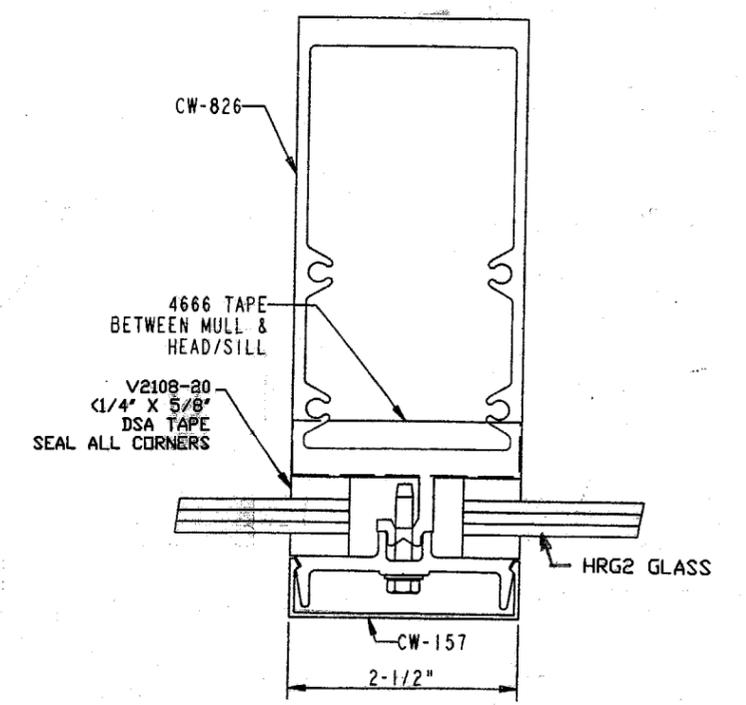
4

ANCHOR DETAILS (MATERIAL: ALUM. 6063-T6)	
	CW250-FP-2 (STD. SILL) DIM'S: 2 3/8" X 2 1/2" X 1/8"
	CW250-FP-134 (ALT. MULL) DIM'S: 2 9/32" X 2 3/16" X 1/4" X 16" lg.
	CW250-FP-132 (ALT. MID-LITE @ JAMB, HEAD & SILL) DIM'S: 2 9/32" X 2 3/16" X 1/4" X 4" lg.
	CW250-FP-135 (STD MID-LITE @ HEAD, SILL & JAMB) DIM'S: 2 3/8" X 4 1/4" X 1/4" X 4" lg.
	CW250-FP-137 (STD. MULL @ HEAD) DIM'S: 6 1/2" X 2" X 3/16"
	CW250-FP-138 (STD. JAMB CORNER ONLY @ HEAD) DIM'S: 4 5/8" X 2" X 3/16"



STANDARD ANCHORAGE

5



ALTERNATE ANCHORAGE