



MIAMI-DADE
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)

Kawneer Company, Inc.
2785 McCracken Road
Hernando, MS 38632

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 "IR 500" Aluminum Glazed Window Wall -Impact

APPROVAL DOCUMENT: Drawing No. NOA575-001, titled "Kawneer IR 500 - L. M. Impact" Sheets 1 through 5 of 5, dated 10/14/99 and last revised on 2-24-04, prepared by manufacturer, signed and sealed by Ballard L. Argus, 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 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 **Renews & Revises** NOA # 99-1108.06 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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

3/3/14



NOA No 04-0123.01
Expiration Date: March 29, 2009
Approval Date: March 25, 2004
Page 1

Kawneer Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (*Submitted under NOA# 99-1108.06*).
2. Drawing No. **NOA575-001**, titled "Kawneer IR 500 - L. M. Impact" Sheets 1 through 5 of 5, dated 10/14/99 and last revised on 2-24-04 prepared by manufacturer signed and sealed by Ballard L. Argus, P. E.

B. TESTS "*Submitted under NOA# 99-1108.06*"

1. Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4.) Large Missile Impact Test, SFBC PA 201-94
 - 5.) Cyclic Loading Test, per SFBC PA 203-94along with installation diagram of aluminum glazed framing system, marked-up by American Testing Lab of South Florida. Test Report No. **ATL-0802.01-99**, dated 10-19-99, revised by addendum letter dtd 10-25-99 signed & sealed by William R. Mehner, P.E.

C. CALCULATIONS:

1. Anchor Calculations and structural analysis, dated 02-18-44 thru 02-27-04 prepared by signed and sealed by Ballard L. Argus, P. E.
2. Anchor Calculations and structural analysis, dated 7-30-99, 03-03-00 and last revised on 02-15-01, prepared by Robt. E. Fisher – Wm. M. Meyers, P.E. Consulting Engineers, signed and sealed by Wm. M. Meyers, P.E. (*Submitted under NOA# 99-1108.06*)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **04-0115.01** issued to Viracon Inc. for "HRG-2 Laminated Glass" expiring 02-12-2009.

E. STATEMENTS

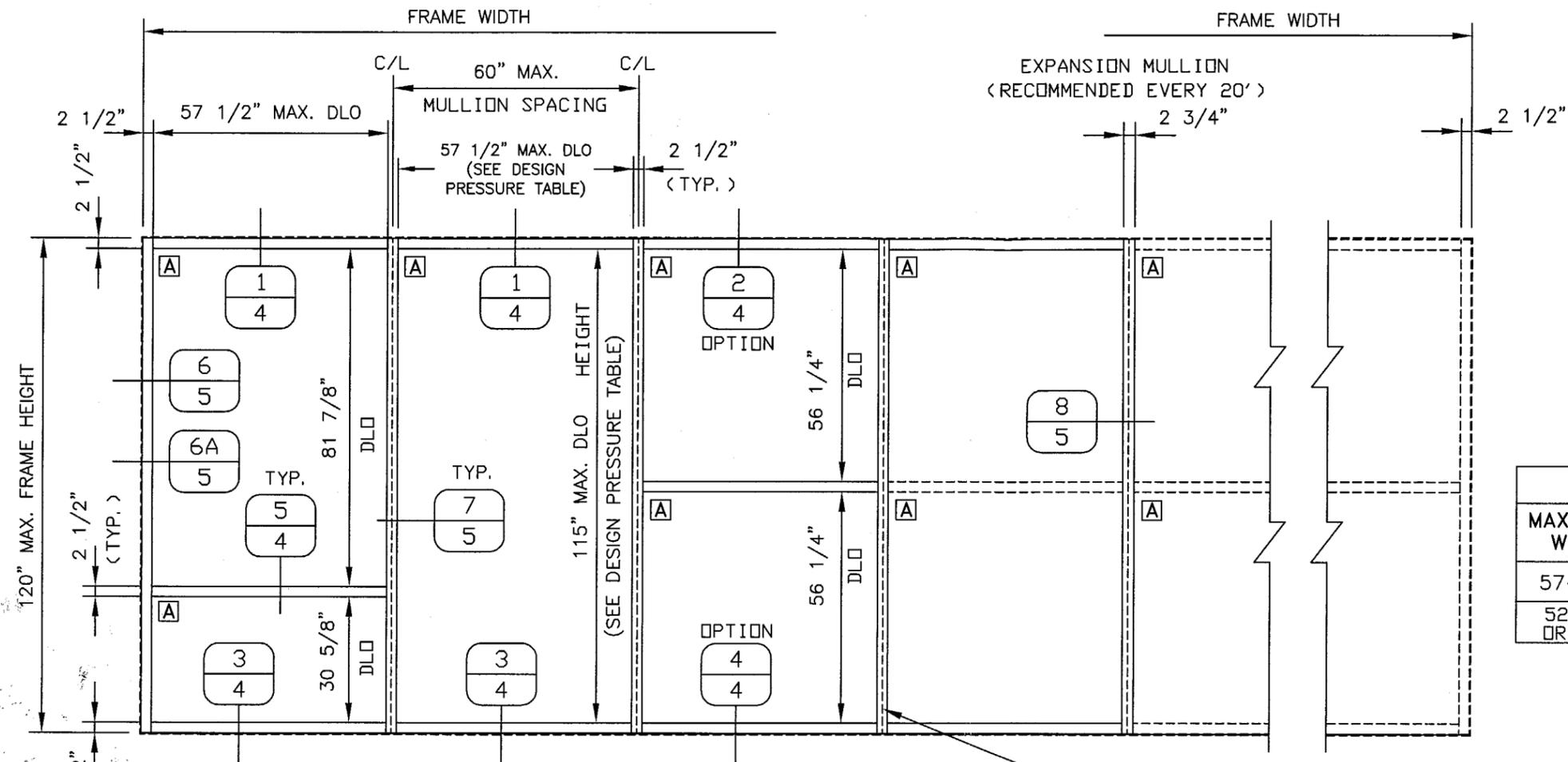
1. Letter of conformance and "No financial interest", dated 02-27-2004, signed and sealed by Ballard L. Argus, P. E.
2. Statement letters and correspondence per expiring file **NOA# 99-1108.06**.

F. OTHER

1. This NOA renews and revises **NOA# 99-108.06**.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 04-0123.01
Expiration Date: March 29, 2009
Approval Date: March 25, 2004



TYPICAL ELEVATION

575-110 STEEL REINFORCEMENT
TYP. @ ALL INTERMEDIATE VERTICAL MULLIONS

DESIGN PRESSURE (PSF)		
MAX. DLO WIDTH	MAX. DLO HEIGHT	DESIGN PRESSURE
57-1/2"	115"	+/- 75.5
52-1/2" OR LESS	115"	+/- 86

GLAZING SCHEDULE	
GLASS TYPE	MAX. DLO SIZE
A = 5/8" HRG-2 BY VIRACON: 1/4" HEAT STRENGTHENED OUTBOARD LITE / .050 URETHANE / .080 POLYCARBONATE / .050 URETHANE / 1/4" HEAT STRENGTHENED INBOARD LITE	SEE DESIGN PRESSURE TABLE
TYPICAL GLASS SIZE = DLO + 1-1/4"	

- NOTES:
- SEE SHEET 2 OF 5 FOR PERIMETER FASTENER SCHEDULE AND LOCATIONS.
 - HORIZONTAL MULLION (DETAIL 5/4) IS OPTIONAL AT ANY LOCATION IN ANY BAY.

Ballard L. Argus, P.E.
 844 NW 91st Terrace
 Plantation, Florida 33324
 1-(954)-581-7678

[Signature]
 2/27/04

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 04-0123-01
 Expiration Date MARCH 29, 2009
 By Ishag I. Chgnok
 Miami Dade Product Control

Kawneer
 ARCHITECTURAL PRODUCTS
 P. O. BOX 516
 JONESBORO, GEORGIA 30236
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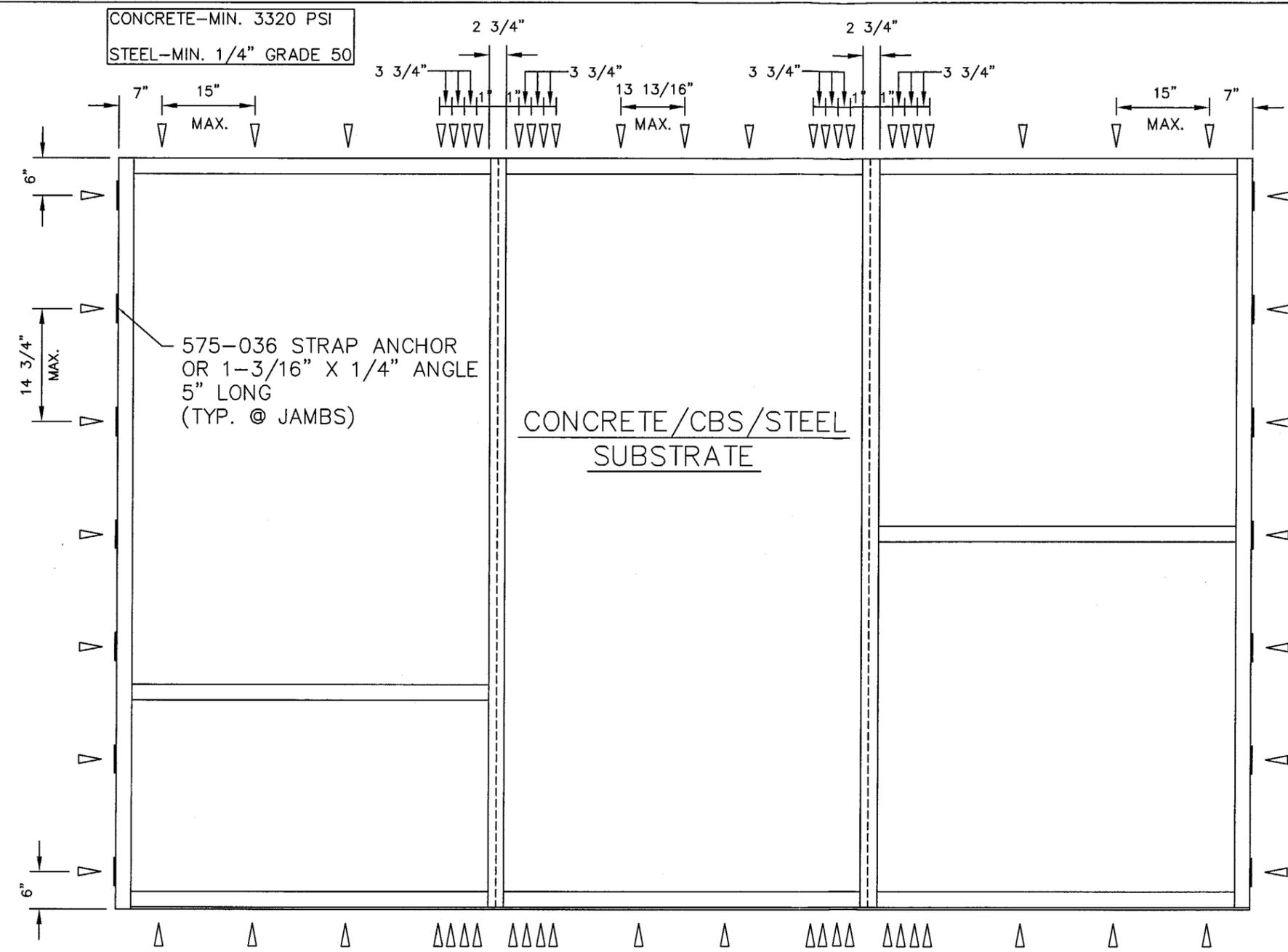
THIS DRAWING IS FOR
 DADE COUNTY
 PRODUCT APPROVAL
 ONLY.

DESCRIPTION	DRAWN BY	DATE
PRODUCT APPROVAL DRAWINGS KAWNEER IR 500 - L.M. IMPACT VIRACON HRG-2 INFILL PROTOCOLS PA 201/202/203	JME	10-14-99
	DRVG. NO.	
	NOA575-001	
SHEET	NOA575-001-01	
1 of 5		

DEH	REVISOR	DATE	DESCRIPTION OF REVISION
JME	REVISOR		
JME	REVISOR		
JME	REVISOR		
BY	REVISOR		

SCALE:

CONCRETE-MIN. 3320 PSI
 CONCRETE BLOCK
 STEEL-MIN. 1/4" GRADE 50



CONCRETE-MIN. 3320 PSI
 STEEL-MIN. 1/4" GRADE 50

FASTENER LOCATION SAME AS HEAD

CONCRETE-MIN. 3320 PSI
 CONCRETE BLOCK
 STEEL-MIN. 1/4" GRADE 50

FASTENER LOCATION SAME AS OPPOSITE JAMB

PERIMETER FASTENER LOCATIONS

FASTENER SCHEDULE

NUMBER	MATERIAL	DESCRIPTION	SUBSTRATE	LOCATION	MIN. EMBED.	MAX. SPACING
HW4-214	-	5/16" x 2-1/4" HEX OR FLAT HEAD TAPCON BY ELCO	CONCRETE	575-006 HEAD / SILL	2"	SEE ABOVE
			CONCRETE BLOCK	575-001 JAMB W/ STRAP ANCHOR	1-1/4"	
HW4-314	-	5/16" x 3-1/4" HEX OR FLAT HEAD TAPCON BY ELCO	CONCRETE	575-003 HEAD / SILL	2"	SEE ABOVE
			CONCRETE BLOCK	575-001 JAMB W/O STRAP ANCHOR	1-1/4"	
-	-	5/16-18 x 2" MACHINE SCREW W/ LOCK WASHER (SAE GRADE 5)	STEEL	575-003 HEAD / SILL	FULL	SEE ABOVE
-	-	5/16-18 x 1-1/4" SELF TAPPING SCREW W/ LOCK WASHER (SAE GRADE 5)	STEEL	575-006 HEAD / SILL 575-001 JAMB W/ STRAP ANCHOR	FULL	SEE ABOVE

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[Signature]
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 Acceptance No 04-012301
 Expiration Date MARCH 29 2009
 By Ishaq J. Chanda
 Miami Dade Product Control Division

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DESCRIPTION
 PRODUCT APPROVAL DRAWINGS
 KAWNEER IR 500 - L.M. IMPACT
 VIRACON HRG-2 INFILL
 PROTOCOLS PA 201/202/203

DRAWN BY JME DATE 10-14-99

DRWG. NO. NOA575-001

SHEET 2 of 5 NOA575-001-02

NO.	DATE	DESCRIPTION OF REVISION
4	2-24-04	REVISED DRAWING NUMBER, UPDATED ANCHOR INFORMATION
3	2-28-01	REVISED PER DADE COUNTY
2	1-5-01	REVISED PER DADE COUNTY
1	9-12-00	REVISED PER DADE COUNTY

SCALE:

#	PT. NO.	DESCRIPTION	DIMENSIONS	MATERIAL	NOTES
1	27-074	STANDARD FIXED GASKET	.188 SPACE	EPDM	KAWNEER RUBBER & PLASTICS
2	27-077	HEAVY FIXED GASKET	.250 SPACE	EPDM	KAWNEER RUBBER & PLASTICS
3	27-806	FIXED WEATHERSTRIP	.062 SPACE	SANTOPRENE	KAWNEER RUBBER & PLASTICS
4	127-011	SILICONE SPACER	.250 SPACE	SANTOPRENE	KAWNEER RUBBER & PLASTICS
5	127-012	SILICONE SPACER	.313 SPACE	SANTOPRENE	KAWNEER RUBBER & PLASTICS
6	127-015	SETTING BLOCK	.813 x .813	EPDM	KAWNEER RUBBER & PLASTICS
7	175-313	WATER DEFLECTOR	-	PVC	ASTRO PLASTICS
8	575-001	JAMB	2.500 x 5.000 x .090	6063-T6 ALUMINUM	
9	575-002	POCKET FILLER	.845 x 4.316 x .090	6063-T6 ALUMINUM	
10	575-003	SILL/HEAD	2.500 x 4.952 x .090	6063-T6 ALUMINUM	
11	575-004	GLASS STOP	1.543 x 1.933 x .075	6063-T6 ALUMINUM	
12	575-006	OPTIONAL SILL/HEAD	2.500 x 4.952 x .090	6063-T6 ALUMINUM	
13	575-007	SNAP-IN COVER	.252 x 1.080	6063-T6 ALUMINUM	
14	575-009	VERTICAL EXPANSION MULLION (MALE HALF)	2.093 x 5.000 x .090	6063-T6 ALUMINUM	
15	575-010	VERTICAL EXPANSION MULLION (FEMALE HALF)	1.465 x 5.000 x .090	6063-T6 ALUMINUM	
16	575-011	HORIZONTAL MULLION	2.500 x 4.952 x .090	6063-T6 ALUMINUM	
17	575-012	OPTIONAL ONE PIECE HEAD	2.500 x 5.000 x .090	6063-T6 ALUMINUM	
18	575-013	VERTICAL MULLION	2.500 x 5.000 x .090	6063-T6 ALUMINUM	
19	575-036	STRAP ANCHOR	.857 x 6.434 x .250" (TYP.)	6063-T6 ALUMINUM	
20	575-037	SILL FLASHING	2.594 x 5.250 x .080	6063-T6 ALUMINUM	
21	575-110	STEEL REINFORCEMENT	1.000 x 4.282 x .135	50KSI STEEL	
22	575-114	END DAM	1.750 x 2.000 x .050	6063-T6 ALUMINUM	
23	128-267	SPLINE SCREW	#12 X 1" PHTFS	300 SERIES STAINLESS ST.	

MATERIALS LIST

NO.	DATE	DESCRIPTION OF REVISION
3	2-24-04	REVISED DRAWING NUMBER, UPDATED T6 ALUMINUM, 50 KSI STEEL
3	2-16-01	REVISED PER DADE COUNTY
2	1-5-01	REVISED PER DADE COUNTY
1	9-12-00	REVISED PER DADE COUNTY

PL
2/27/04

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 04-0123 01
Expiration Date MARCH 29-2009
By Shag L. Chanda
Miami Dade Product Control
Division

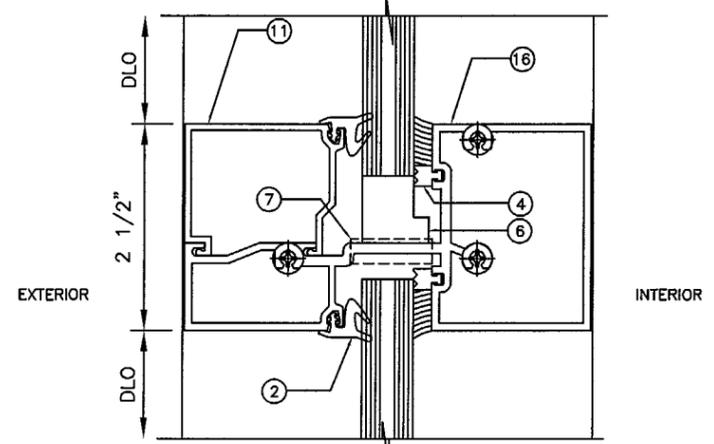
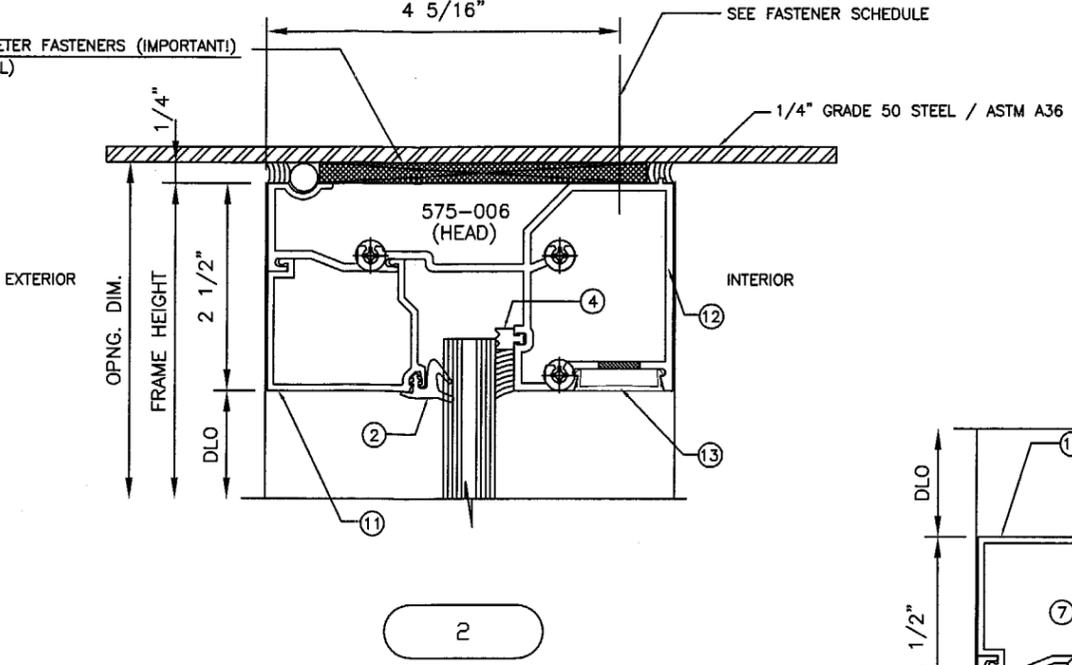
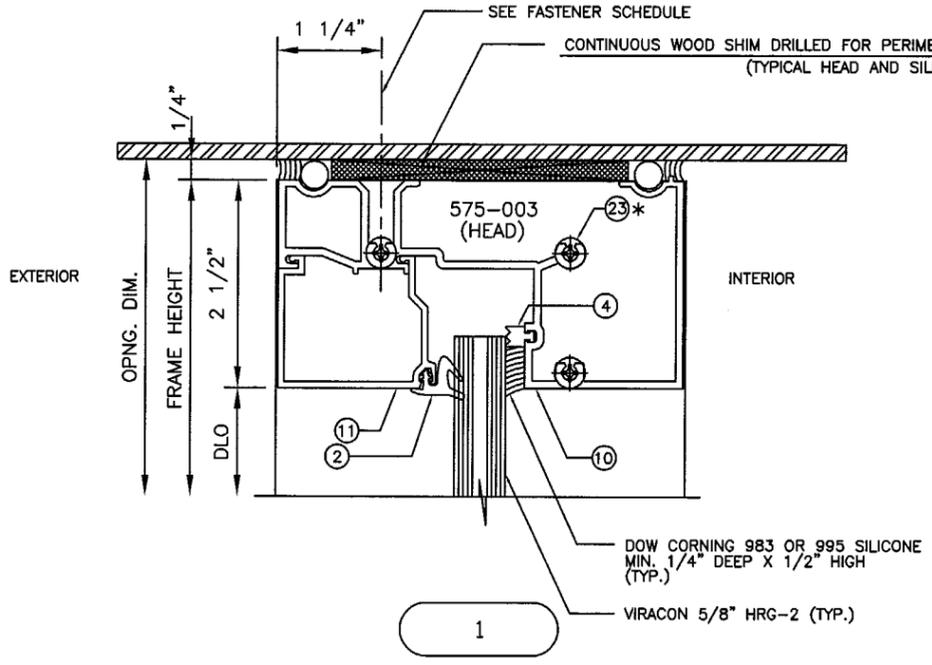
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DESCRIPTION
PRODUCT APPROVAL DRAWINGS
KAWNEER IR 500 - L.M. IMPACT
VIRACON HRG-2 INFILL
PROTOCOLS PA 201/202/203

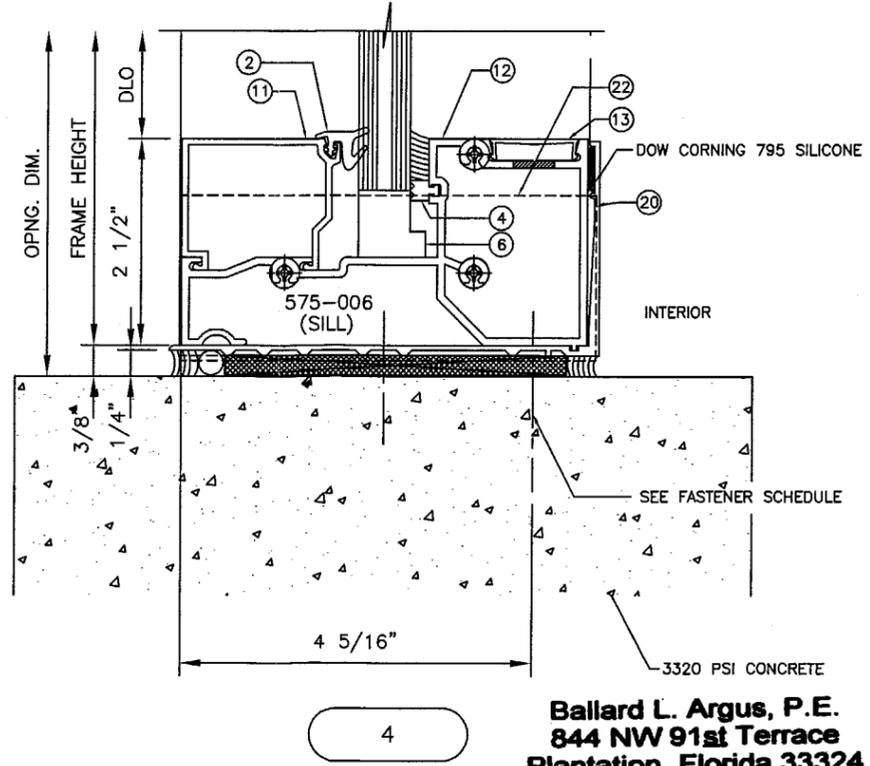
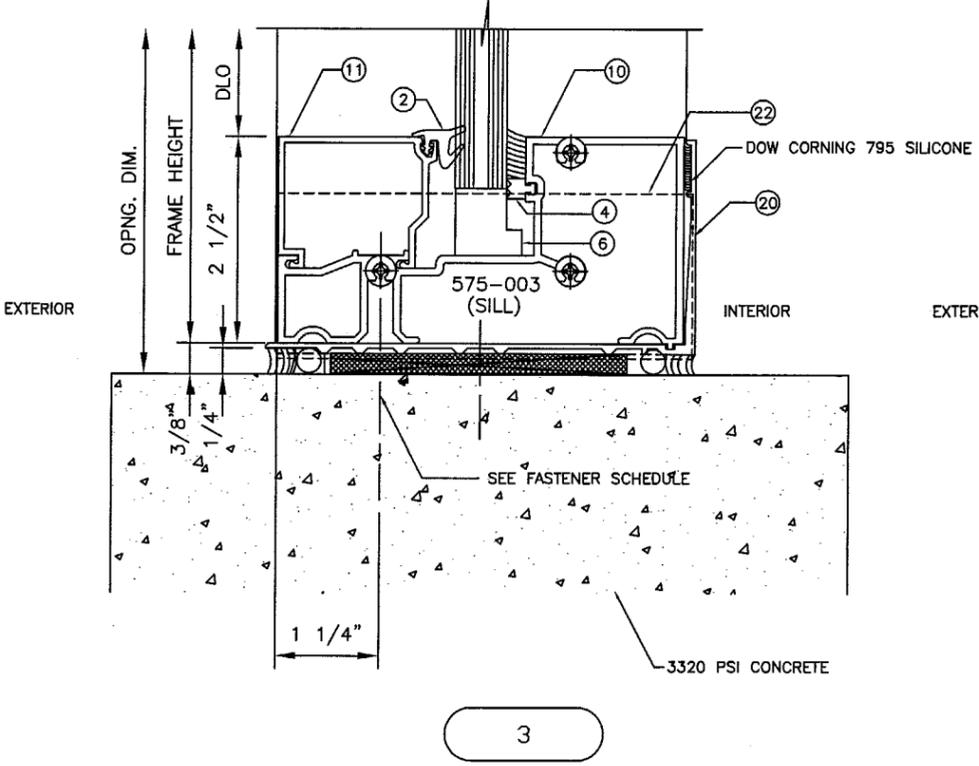
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ONLY

DRAWN BY JME	DATE 10-14-99
DRWG. NO. NOA575-001	
SHEET 3 of 5	NOA575-001-03



* 23 TYP. © ALL SPLINE CONNECTIONS

NOTE: THE MATERIALS, GLAZING CONFIGURATION AND GLASS BITE SHOWN IN DETAIL 1 IS TYPICAL FOR ALL DETAILS IN THESE DRAWINGS UNLESS NOTED OTHERWISE.



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PL
 2/27/04

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PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 04-0123-01
 Expiration Date ~~March 29-2009~~
 By *Isaac I. Chanda*
 Miami Dade Product Control
 Division

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 VIRACON HRG-2 INFILL
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DRAWN BY JME DATE 10-14-99

DRWG. NO. NOA575-001

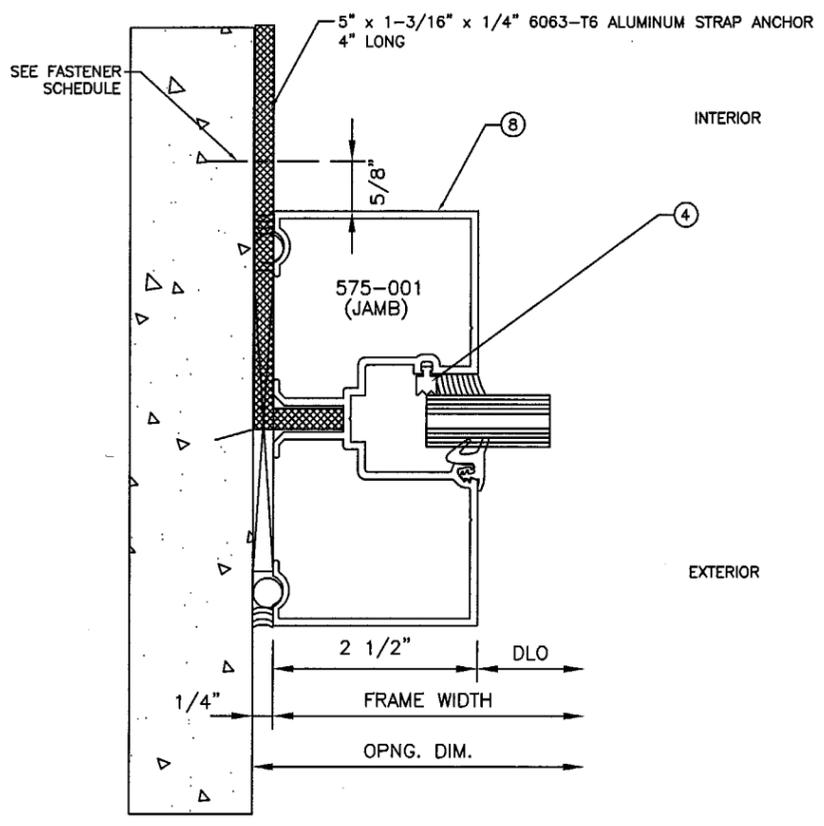
SHEET 4 of 5 NOA575-001-04

REVISED DRAWING NUMBER	DATE	DESCRIPTION OF REVISION
4	2-24-04	
3	2-28-01	REVISED PER DADE COUNTY
2	1-05-01	REVISED PER DADE COUNTY
1	9-12-00	REVISED PER DADE COUNTY
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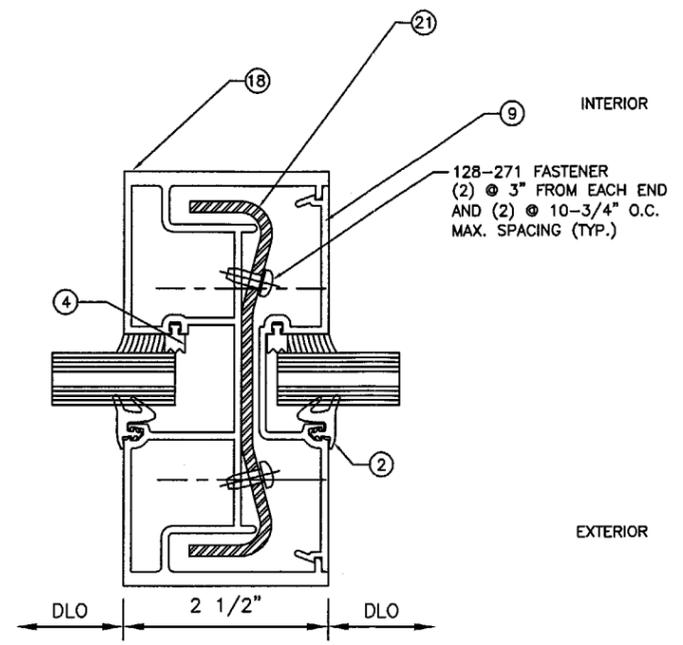
SCALE:

REVISED DRAWING NUMBER, STRAP ANCHOR LENGTH	REVISION	DATE	DESCRIPTION OF REVISION
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3	2-28-01		
2	1-5-01		
1	9-12-00		
	NO.		

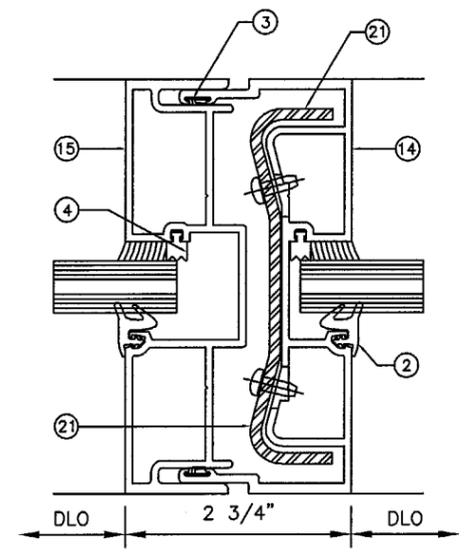
DEH	JME	JME	JME	BY



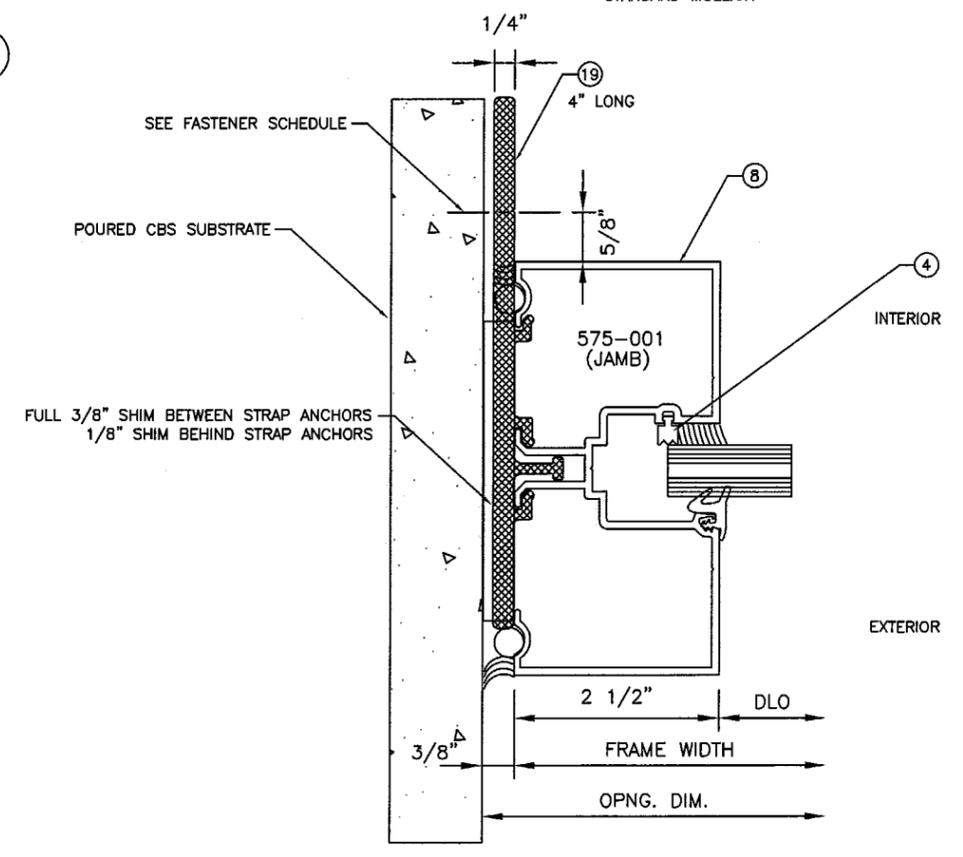
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7
STANDARD MULLION



8
EXPANSION MULLION



6A

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 Plantation, Florida 33324
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[Signature]
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DRAWN BY JME DATE 10-14-99

DRVG. NO. NOA575-001

SHEET 5 of 5 NOA575-001-05

SCALE: