



**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.
55 Guthridge court
Norcross, GA 30092**

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 "FG623" Aluminum Glazed Window Wall System(2-Bay max)-Sm Impact

APPROVAL DOCUMENT: Drawing No. T623-952, titled "FG 623-Small Missile" Sheets 1 through 11 of 11, dated 09/26/02 and last revised on 01-02-03, prepared by manufacturer, signed and sealed by William D. Cook, P. E. , bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

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 consists of this page 1 as well as approval document mentioned above.

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



**NOA No 02-1003.01
Expiration Date: February 20, 2008
Approval Date: February 20, 2003
Page 1**

Kawneer Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **T623-952**, titled "FG 623-Small Missile" Sheets 1 through 11 of 11, dated 09/26/02 and last revised on 01-02-03, prepared by manufacturer, signed and sealed by William D. Cook, P. E.

B. TESTS

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(Not performed)
 - 4.) Small Missile Impact Test, SFBC PA 201-94
 - 5.) Cyclic Loading Test, per SFBC PA 203-94along with installation diagram of an aluminum glazed system marked-up by HurricaneTesting Lab. Test Report No. **FTL 01061(0049-0807-01) specimen #8 & #9**, dated 08-06-01 revised with addendum letter dated January 17, 2003 and January 24, 2003, signed and sealed by Vinu J. Abraham, P.E.
2. Additional reference 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.) Small Missile Impact Test, SFBC PA 201-94
 - 5.) Cyclic Loading Test, per SFBC PA 203-94along with installation diagram of aluminum glazed system, marked-up by HurricaneTesting Lab. Test Report No. **FTL 0049-0610-00 (Sp# 2& 3), 0049-0615-00 (Sp#2)**), dated 06-14-00 and 06-29-00, respectively, revised with addendum letter dated January 17, 2003, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS:

1. Anchor Calculations and structural analysis, dated 06-05-02 and last revised on 01-30-03, prepared by Bromley Cook Engineering, signed and sealed by William D. Cook, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for "Saflex /Keepsafe PVB", expiring on 05/21/06.
2. Notice of Acceptance No. **00-1212.04** issued to E. I. DuPont DeNumours for "Dupont Butacite PVB", expiring on 12/11/05.

E. STATEMENTS

1. Statement letter of conformance & No financial interest, dated 03-05-02, signed by William D. Cook, P.E.
2. Letters of compliance, (statements of compliance stated in above test reports)
3. Test proposal correspondence dated May 01, 2001 & May 08, 2001.

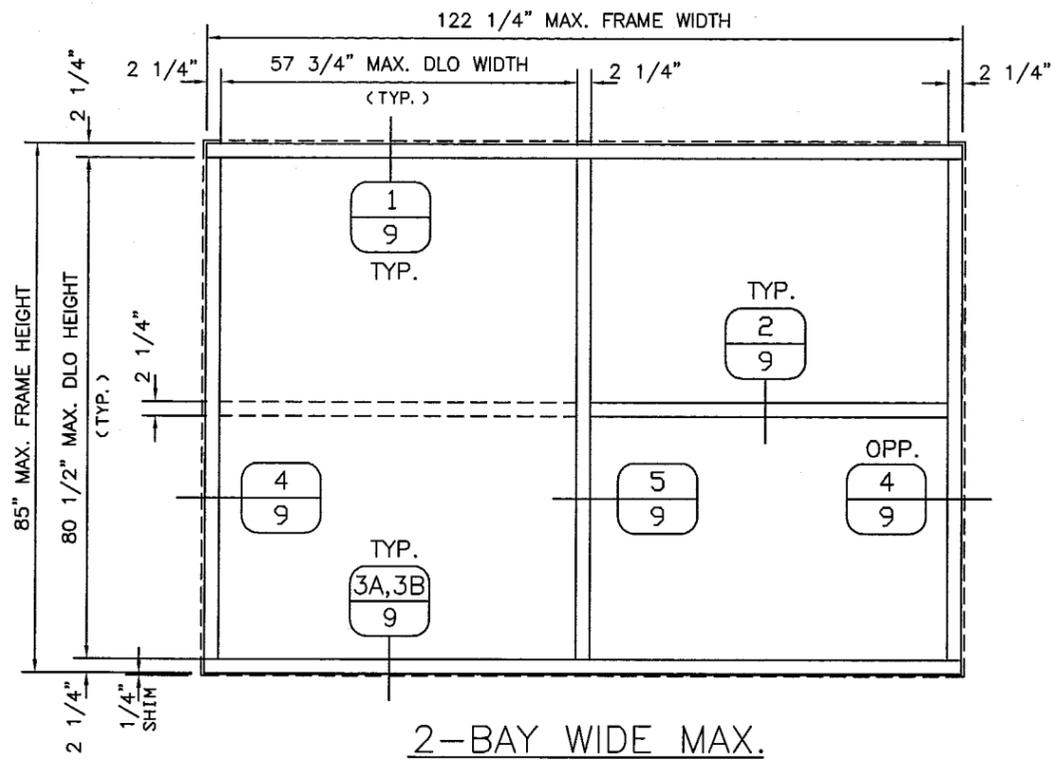
F. OTHER

1. Test proposal for "Kawneer FG 623 Imp" approved by BCCO dated 05-14-01.

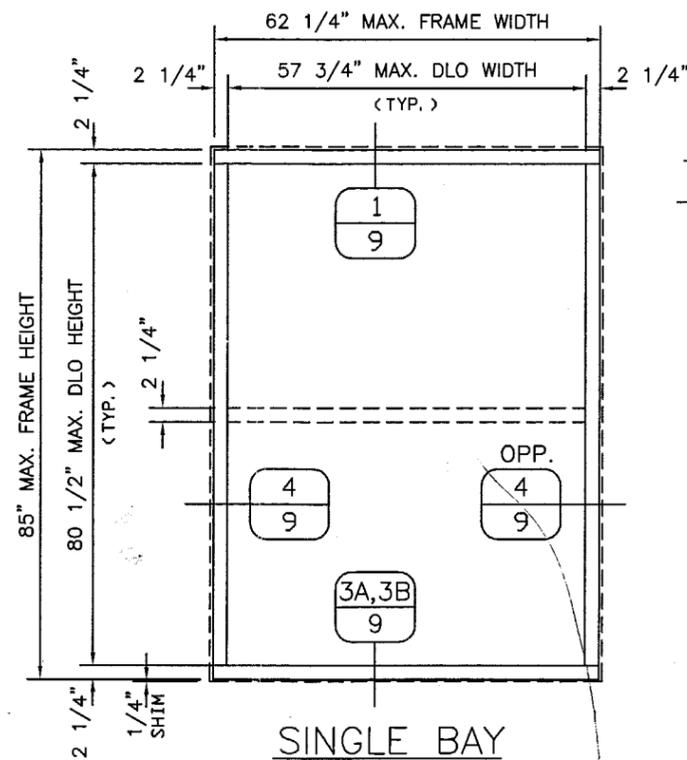
Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 02-1003.01

Expiration Date: February 20, 2008
Approval Date: February 20, 2003



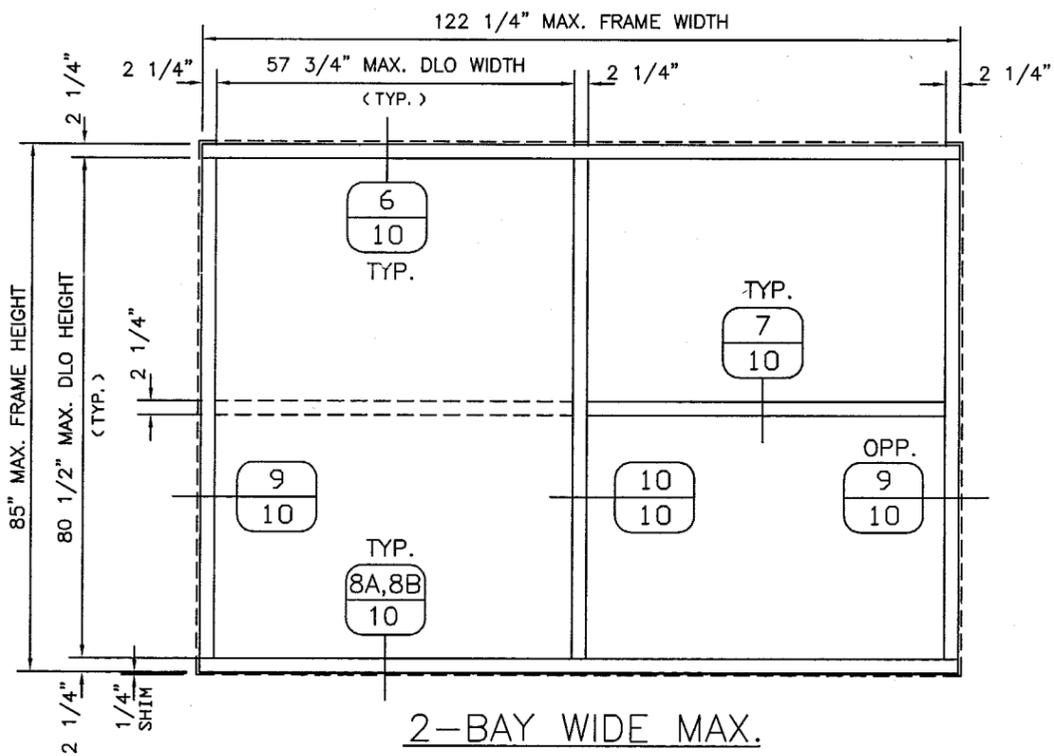
2-BAY WIDE MAX.



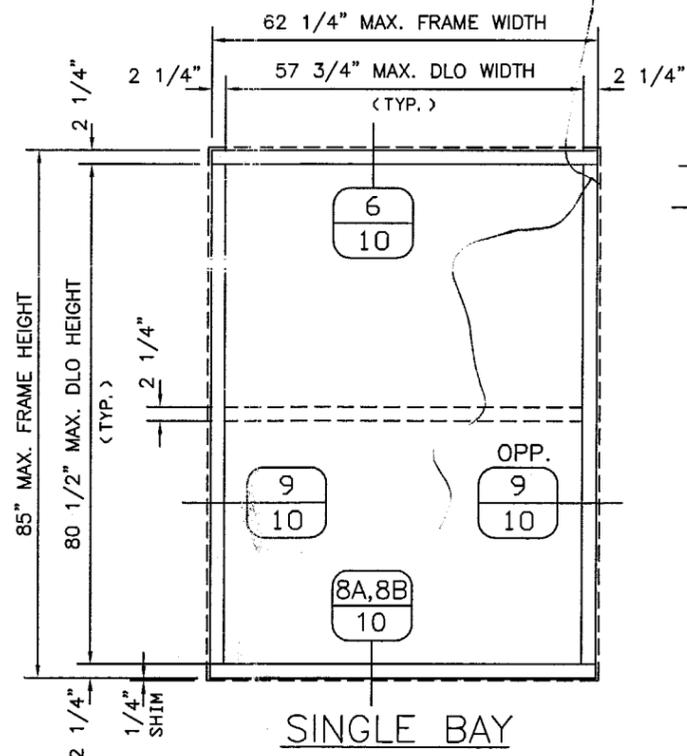
SINGLE BAY

TYPICAL ELEVATIONS
SMALL MISSILE-SILICONE GLAZED

DADE COUNTY PRODUCT
APPROVAL DRAWINGS
KAWNEER CO.
FG 623 WINDOW WALL SYSTEM
SMALL MISSILE
MULTIPLE GLAZING INFILLS



2-BAY WIDE MAX.



SINGLE BAY

TYPICAL ELEVATIONS
SMALL MISSILE-GASKET GLAZED

Approved as complying with the
Florida Building Code
Date: FEBRUARY 20, 2003
NOA# 02-1003-01
Official Dade Product Control
Division
By: *Isaac J. Chandra*

BROMLEY • COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

WILLIAM D. COOK PE
FLA. PE. #43904
FLA. S.I. #2008

JAN 30 2003

NOTES:

1. SEE SHEET 2 OF 11 FOR GLAZING OPTIONS AND ASSOCIATED DESIGN PRESSURES.
2. SEE SHEETS 3,4,5,6,7 OF 11 FOR PERIMETER FASTENER SCHEDULE AND LOCATIONS.
3. HORIZONTAL MULLIONS (DETAILS 2/9 AND 7/10) ARE OPTIONAL AT ANY LOCATION IN ANY BAY.
4. DLO = DAYLIGHT OPENING.

SCALE:

 An Alcoa Company Product Engineering & Development 555 GUTHRIDGE COURT NORCROSS, GEORGIA 30092 PHONE (770) 449-5555 FAX (770) 734-1560	THIS DRAWING IS FOR DADE COUNTY PRODUCT APPROVAL ONLY	
	PRODUCT APPROVAL DRAWINGS FG 623 - SMALL MISSILE MULTIPLE INFILLS PROTOCOLS PA 201/202/203	DRAWN BY: JME DATE: 09/26/02
	SHEET: 1 of 11	T623-952-1.DWG

E. C. NO.	REV.	DATE	DESCRIPTION OF REVISION	DEH	BY
1	01/02/03		REVISED PER DADE COUNTY		

GLAZING SCHEDULE			
MISSILE TYPE	GLAZING	GLASS OPTIONS	MAX. DESIGN PRESSURES
SMALL	SILICONE (SEE SHEET 9 FOR DETAILS)	1/2" LAMINATED GLASS (9/16" NOMINAL) 1/4" HEAT STRENGTHENED OUTBOARD LITE / .060 SOLUTIA SAFLEX® PVB INTERLAYER / 1/4" HEAT STRENGTHENED INBOARD LITE	+70 / -90 PSF
	GASKET (SEE SHEET 10 FOR DETAILS)	1/2" LAMINATED GLASS (9/16" NOMINAL) 1/4" HEAT STRENGTHENED OUTBOARD LITE / .060 DUPONT BUTACITE® PVB INTERLAYER / 1/4" HEAT STRENGTHENED INBOARD LITE	+70 / -70 PSF
TYPICAL GLASS SIZE FOR SMALL MISSILE (SILICONE GLAZED) = (DLO WIDTH + 1-1/4") X (DLO HEIGHT + 7/8") TYPICAL GLASS SIZE FOR SMALL MISSILE (GASKET GLAZED) = DLO + 7/8"			

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Date FEB 20, 2003
NOA# 02-1003.01
Miami Dade Product Control
Division
Rishag L. Chaudh

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Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

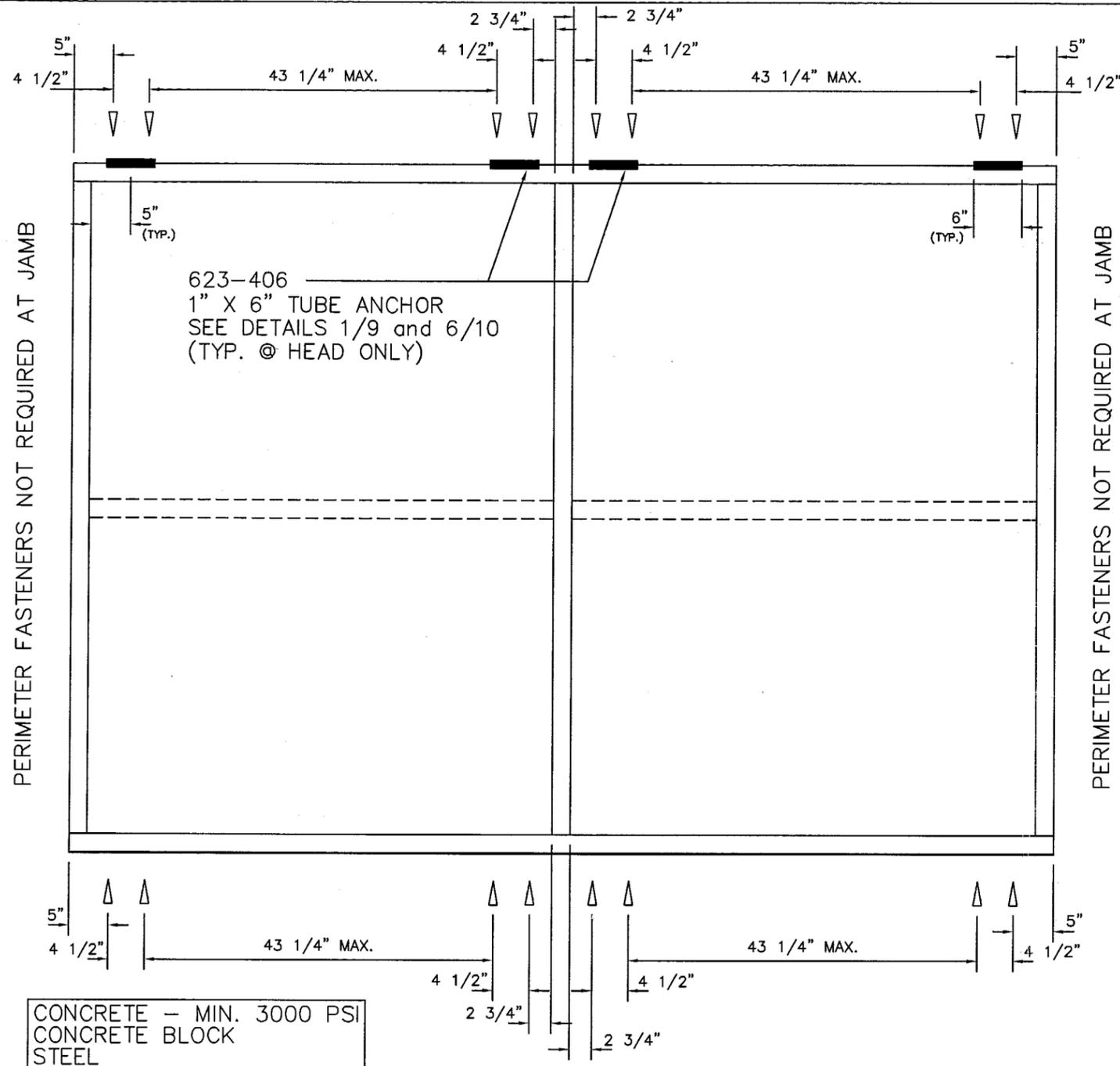
JAN 30 2003

 Kawneer An Alcoa Company Product Engineering & Development 555 GUTHRIDGE COURT NORCROSS, GEORGIA 30092 PHONE (770) 449-5555 FAX (770) 734-1560	THIS DRAWING IS FOR DADE COUNTY PRODUCT APPROVAL ONLY	
	PRODUCT APPROVAL DRAWINGS FG 623 - SMALL MISSILE MULTIPLE INFILLS PROTOCOLS PA 201/202/203	DRAWN BY JME
	DRWG. NO. T623-952	
	SHEET 2 of 11	T623-952-2.DWG

SCALE:

REV.	DATE	DESCRIPTION OF REVISION	BY
1	01/06/03	REVISED PER DADE COUNTY REVIEW	DEH
-			

CONCRETE - MIN. 3000 PSI
 CONCRETE BLOCK
 STEEL - MIN. 1/8" GR. 36



CONCRETE - MIN. 3000 PSI
 CONCRETE BLOCK
 STEEL

CONCRETE - MIN. 3000 PSI
 CONCRETE BLOCK
 STEEL - MIN. 1/8" GR. 36

PERIMETER FASTENER
LOCATIONS
CONCRETE/CBS/STEEL
SUBSTRATES

+50/-70 PSF	GASKET GLAZED WITH DUPONT PVB INTERLAYER
+70/-90 PSF	SILICONE GLAZED WITH SOLUTIA PVB INTERLAYER

FASTENER SCHEDULE

NUMBER	MATERIAL	DESCRIPTION	SUBSTRATE	LOCATION	MIN. EMBED.	MAX. SPACING
HW4-214	-	1/4" x 2-1/4" HEX WASHER HEAD TAPCON BY ELCO	CONCRETE/CBS	623-406 TUBE HEAD ANCHOR 623-110/804-171 SILL ANCHOR RAIL	1-1/2"	SEE ABOVE
AF 876	STEEL SAE J429 GRADE 5	ELCO DRILFLEX STRUCTURAL FASTENER 1/4-20 x 1-1/2" W/ #4 POINT	STEEL	623-406 TUBE HEAD ANCHOR 623-110/804-171 SILL ANCHOR RAIL	1/8"	SEE ABOVE

Approved as complying with the
 Florida Building Code
 Date FEB 20, 2003
 NOAS 02-1003.01
 Miami Dade Product Control
 Division
 By Ishaq I. Chanda

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 Structural Engineering Services
 2004 N.E. 49th Street
 Ft. Lauderdale, FL 33308
 954-772-4624

JAN 30 2003

Kawneer
 An Alcoa Company
 Product Engineering & Development
 555 GUTHRIDGE COURT
 NORCROSS, GEORGIA 30092
 PHONE (770) 449-5555
 FAX (770) 734-1560

THIS DRAWING IS FOR
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 PRODUCT APPROVAL
 ONLY

PRODUCT APPROVAL DRAWINGS
 FG 623 - SMALL MISSILE
 MULTIPLE INFILLS
 PROTOCOLS PA 201/202/203

DRAWN BY JME DATE 09/26/02

DRWG. NO. T623-952

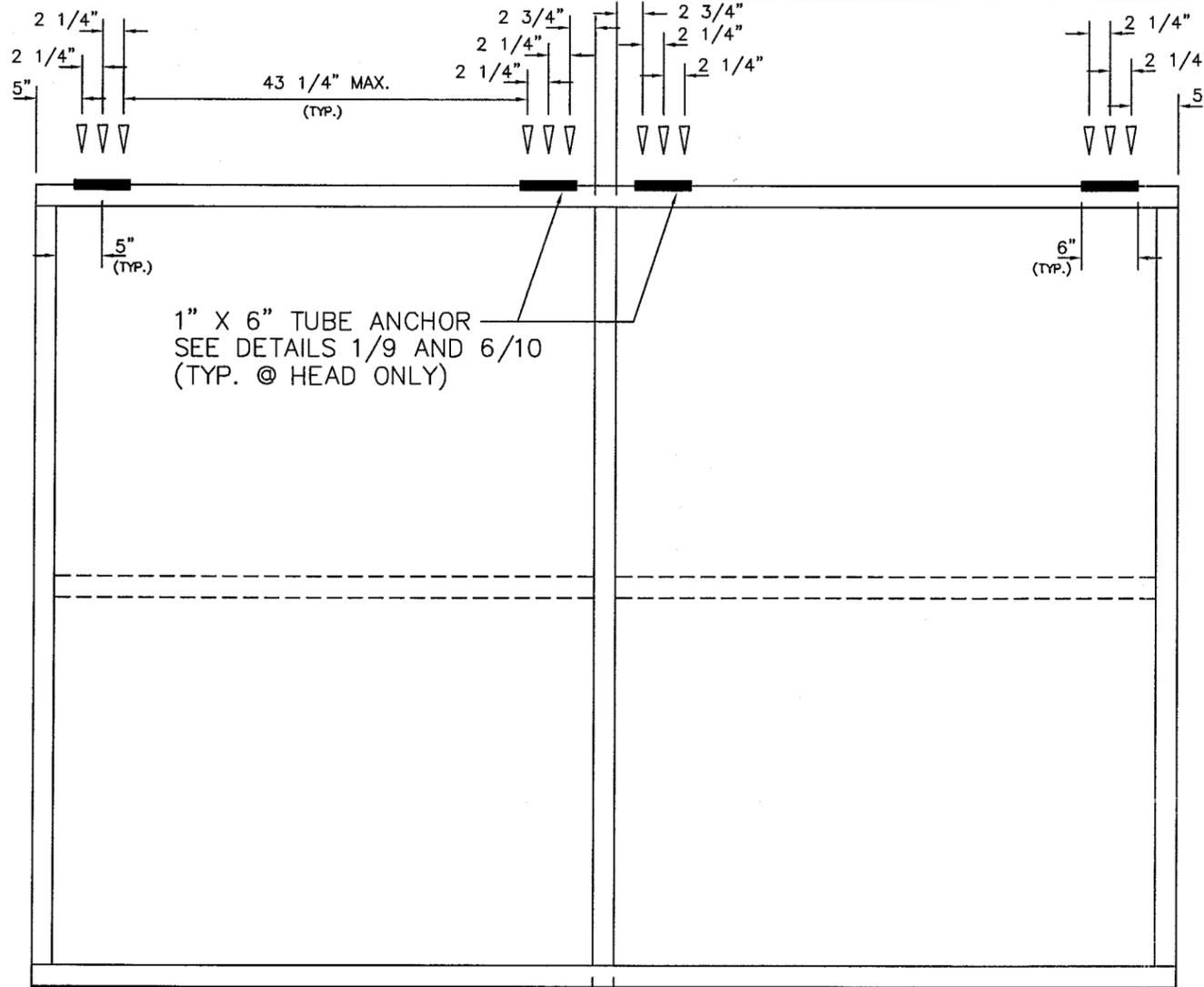
SHEET 3 of 11 T623-952-3.DWG

SCALE:

REV.	DATE	DESCRIPTION OF REVISION	DEH	BY
1	01/02/03	REVISED PER DADE COUNTY REVIEW		

WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENERS NOT REQUIRED AT JAMB

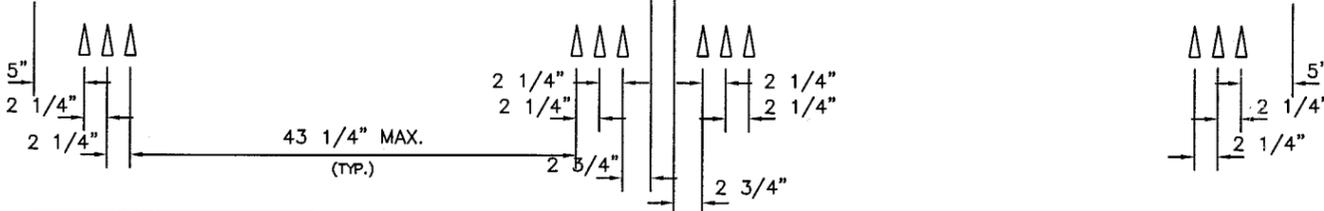


WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENERS NOT REQUIRED AT JAMB

PERIMETER FASTENER
LOCATIONS
WOOD SUBSTRATE

+50/-70 PSF	GASKET GLAZED WITH DUPONT PVB INTERLAYER
# 14 WOOD SCREWS INTO (2) 2 X BUCKS	



WOOD - GRADE 2
SOUTHERN PINE

FASTENER SCHEDULE

NUMBER	MATERIAL	DESCRIPTION	SUBSTRATE	LOCATION	MIN. EMBED.	MAX. SPACING
-	STAINLESS STEEL OR CORROSION RESISTANT STEEL	#14 X 2" PAN HEAD WOOD SCREW (ALT: 1/4-14 SHEET METAL SCREW)	WOOD	623-406 TUBE HEAD ANCHOR 623-110/804-171 SILL ANCHOR RAIL	1-1/2"	SEE ABOVE

Approved as complying with the
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Date FEB 20 2003
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Miami Dade Product Control
Division
By Shag L. Chanda

BROMLEY • COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

JAN 30 2003

Kawneer
An Alcoa Company
Product Engineering & Development
555 GUTHRIDGE COURT
NORCROSS, GEORGIA 30092
PHONE (770) 449-5555
FAX (770) 734-1560

PRODUCT APPROVAL DRAWINGS
FG 623 - SMALL MISSILE
MULTIPLE INFILLS
PROTOCOLS PA 201/202/203

THIS DRAWING IS FOR
DADE COUNTY
PRODUCT APPROVAL
ONLY

DRAWN BY JME DATE 09/26/02

DRWG. NO. T623-952

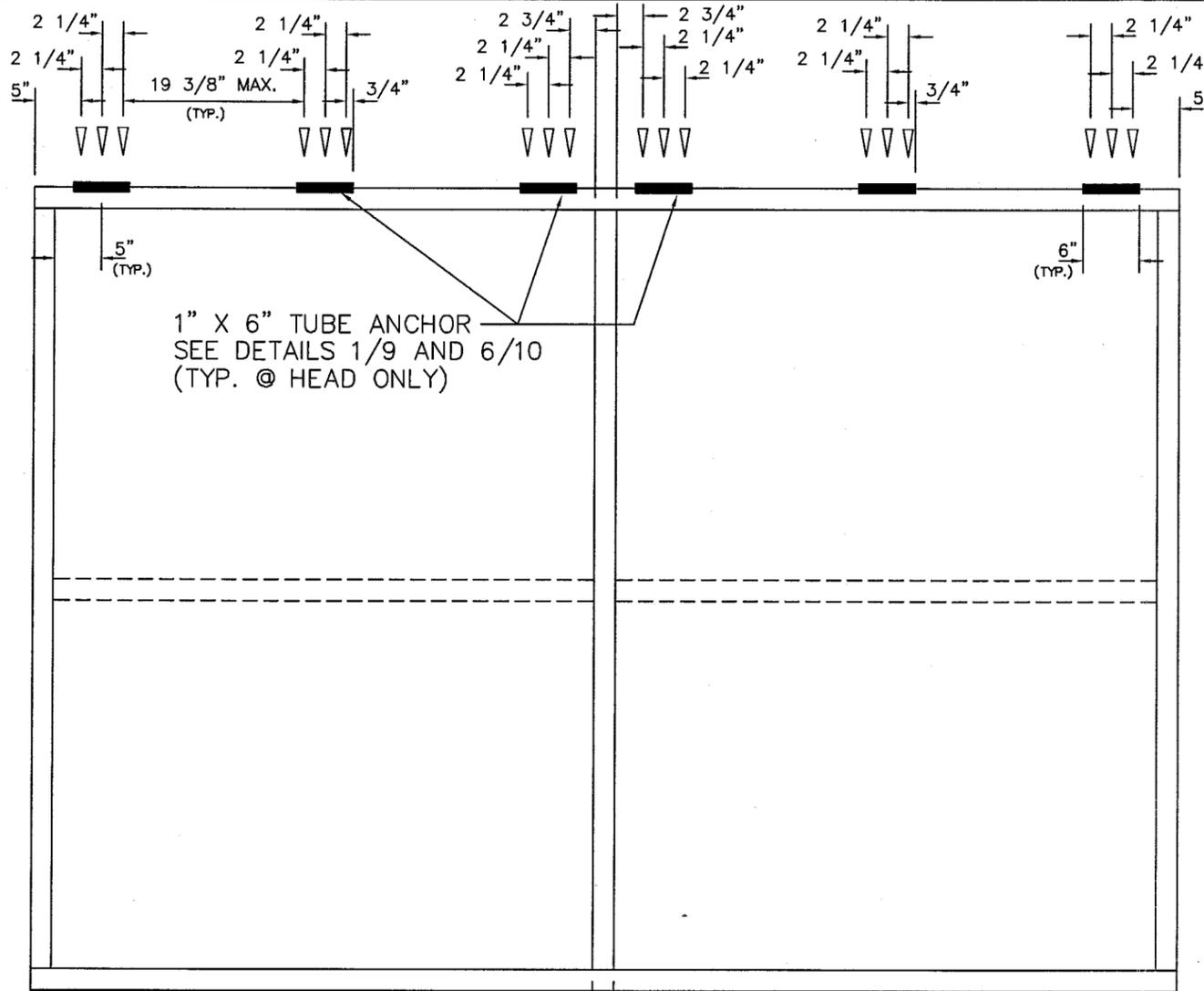
SHEET 4 of 11 T623-952-4.DWG

SCALE:

REV.	DATE	DESCRIPTION OF REVISION	DEH	BY
1	01/02/03	REVISED PER DADE COUNTY REVIEW		

WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENERS NOT REQUIRED AT JAMB



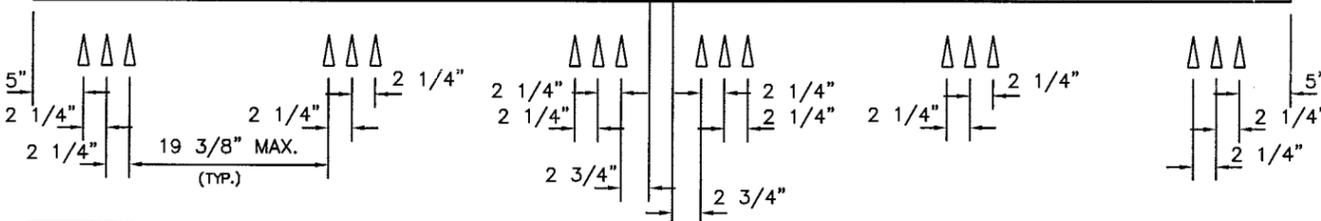
WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENER
LOCATIONS
WOOD SUBSTRATE

WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENERS NOT REQUIRED AT JAMB

+70/-90 PSF	SILICONE GLAZED WITH SOLUTIA PVB INTERLAYER
# 14 WOOD SCREWS INTO (2) 2 X BUCKS	



WOOD - GRADE 2
SOUTHERN PINE

FASTENER SCHEDULE

NUMBER	MATERIAL	DESCRIPTION	SUBSTRATE	LOCATION	MIN. EMBED.	MAX. SPACING
-	STAINLESS STEEL OR CORROSION RESISTANT STEEL	#14 X 2" PAN HEAD WOOD SCREW (ALT: 1/4-14 SHEET METAL SCREW)	WOOD	623-406 TUBE HEAD ANCHOR 623-110/804-171 SILL ANCHOR RAIL	1-1/2"	SEE ABOVE

Approved as complying with the
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Date FEB 20, 2003
NOA# 02-1003-01
Miami Dade Product Control
Division
By J. Shag I. Gunda

BROMLEY • COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

JAN 30 2003

Kawneer
An Alcoa Company
Product Engineering & Development
555 GUTHRIDGE COURT
NORCROSS, GEORGIA 30092
PHONE (770) 449-5555
FAX (770) 734-1560

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PRODUCT APPROVAL DRAWINGS
FG 623 - SMALL MISSILE
MULTIPLE INFILLS
PROTOCOLS PA 201/202/203

DRAWN BY JME DATE 09/26/02

DRWG. NO. T623-952

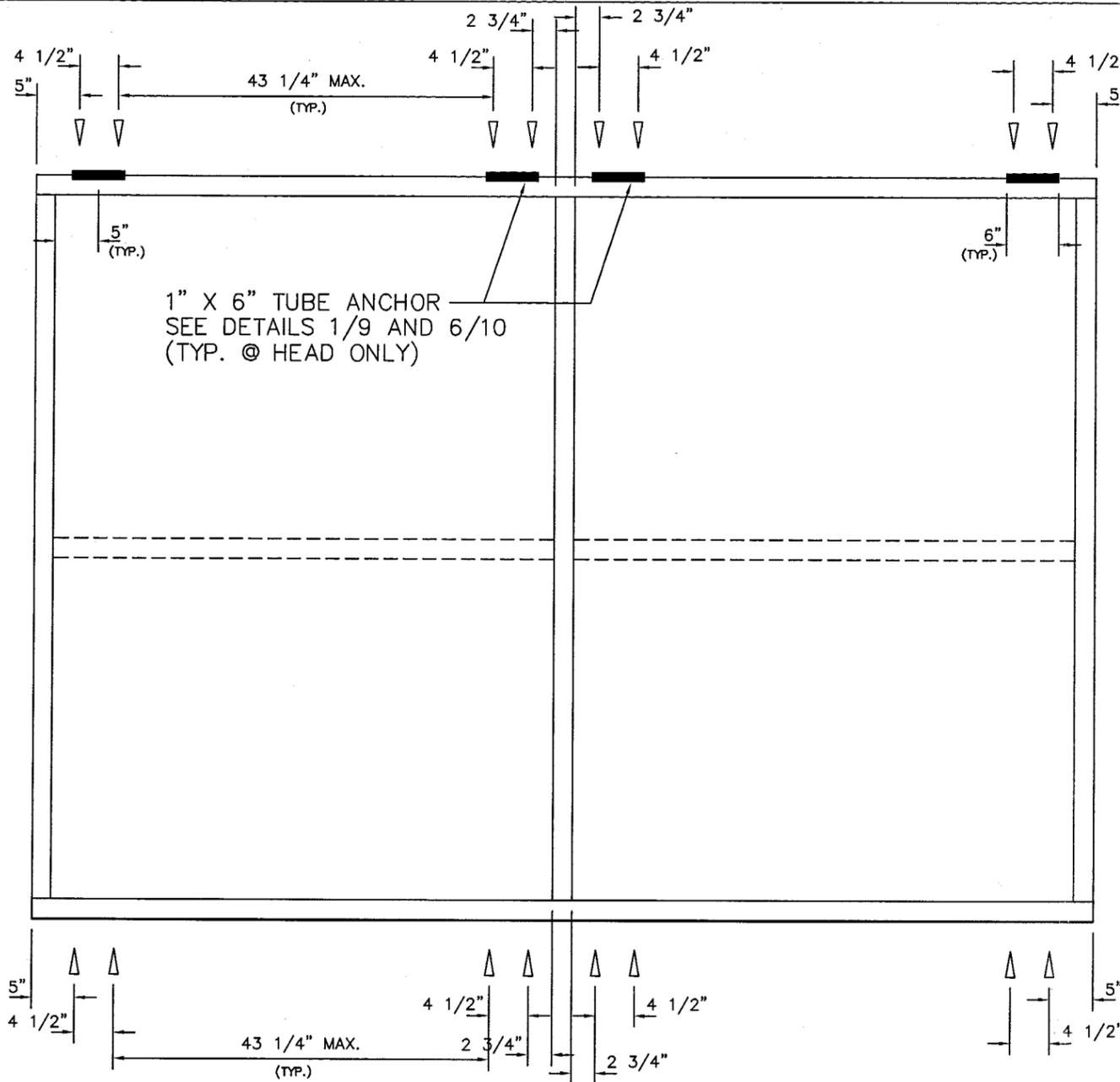
SHEET 5 of 11 T623-952-5.DWG

SCALE:

REV.	DATE	DESCRIPTION OF REVISION	DEH	BY
1	01/02/03	REVISED PER DADE COUNTY REVIEW		

WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENERS NOT REQUIRED AT JAMB



WOOD - GRADE 2
SOUTHERN PINE

WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENERS NOT REQUIRED AT JAMB

PERIMETER FASTENER
LOCATIONS
WOOD SUBSTRATE

+50/-70 PSF	GASKET GLAZED WITH DUPONT PVB INTERLAYER
5/16" LAG SCREWS INTO (2) 2 X BUCKS	

WOOD - GRADE 2
SOUTHERN PINE

FASTENER SCHEDULE

NUMBER	MATERIAL	DESCRIPTION	SUBSTRATE	LOCATION	MIN. EMBED.	MAX. SPACING
-	STAINLESS STEEL OR CORROSION RESISTANT STEEL	5/16" X 3" LAG SCREW	WOOD	623-406 TUBE HEAD ANCHOR 623-110/804-171 SILL ANCHOR RAIL	2-1/2"	SEE ABOVE

Approved as complying with the
Florida Building Code
Date FEB 20 / 2003
NGAS 02-1003-01
Miami Dade Product Control
Division
By (Signature) L. Landa

BROMLEY • COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

30 2003

Kawneer
An Alcoa Company
Product Engineering & Development
555 GUTHRIDGE COURT
NORCROSS, GEORGIA 30092
PHONE (770) 449-5555
FAX (770) 734-1560

PRODUCT APPROVAL DRAWINGS
FG 623 - SMALL MISSILE
MULTIPLE INFILLS
PROTOCOLS PA 201/202/203

THIS DRAWING IS FOR
DADE COUNTY
PRODUCT APPROVAL
ONLY

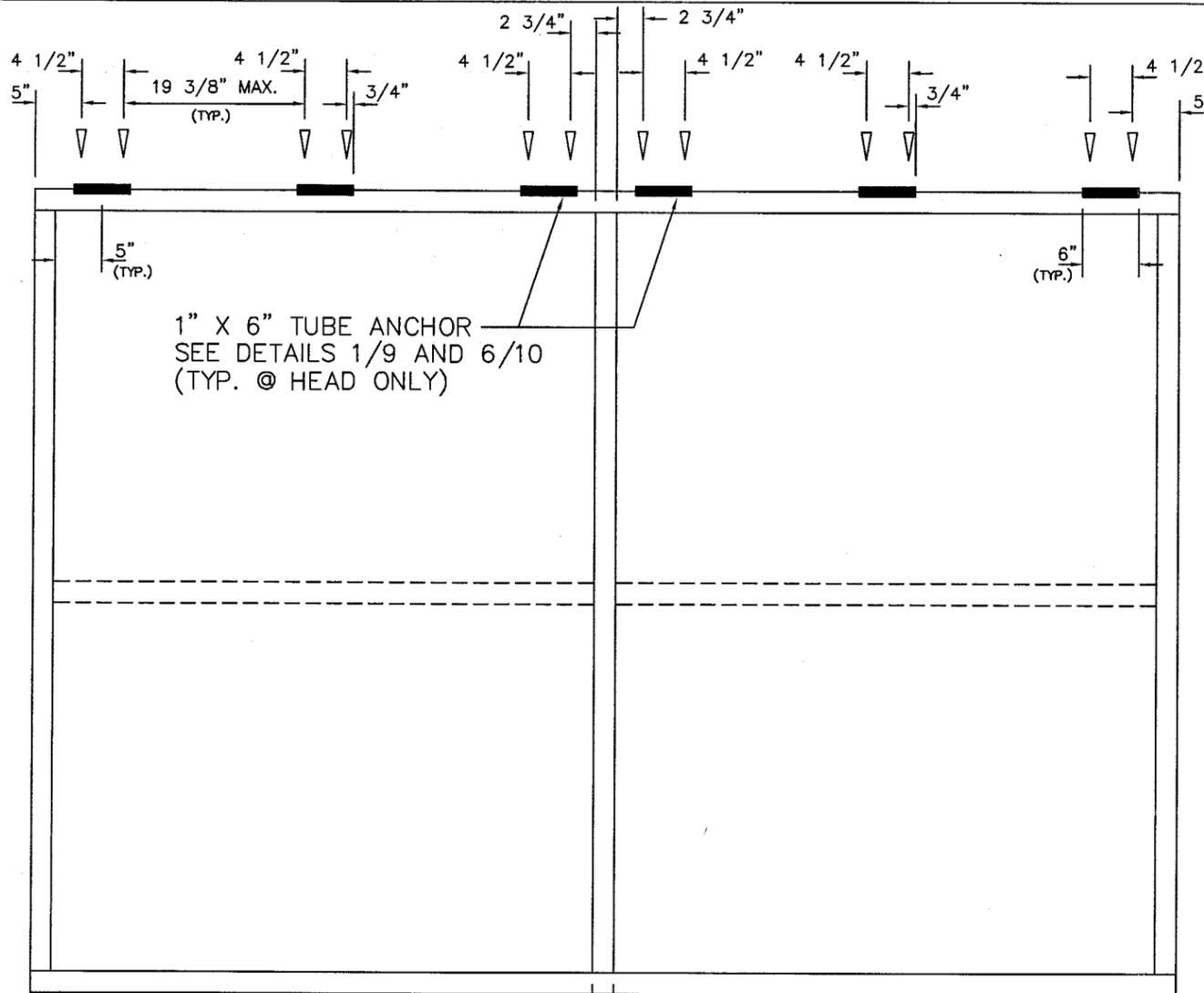
DRAWN BY JME	DATE 09/26/02
DRWG. NO. T623-952	
SHEET 6 of 11	T623-952-6.DWG

SCALE:

REV.	DATE	DESCRIPTION OF REVISION	DEH	BY
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WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENERS NOT REQUIRED AT JAMB



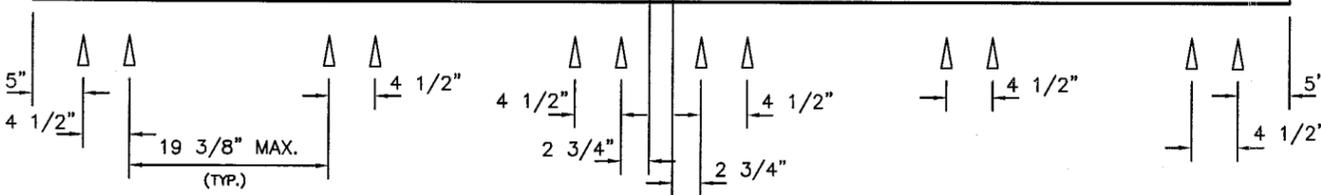
WOOD - GRADE 2
SOUTHERN PINE

WOOD - GRADE 2
SOUTHERN PINE

PERIMETER FASTENERS NOT REQUIRED AT JAMB

PERIMETER FASTENER
LOCATIONS
WOOD SUBSTRATE

+70/-70 PSF	GASKET GLAZED WITH DUPONT PVB INTERLAYER
+70/-90 PSF	SILICONE GLAZED WITH SOLUTIA PVB INTERLAYER
5/16" LAG SCREWS INTO (2) 2 X BUCKS	



WOOD - GRADE 2
SOUTHERN PINE

FASTENER SCHEDULE

NUMBER	MATERIAL	DESCRIPTION	SUBSTRATE	LOCATION	MIN. EMBED.	MAX. SPACING
-	STAINLESS STEEL OR CORROSION RESISTANT STEEL	5/16" X 3" LAG SCREW	WOOD	623-406 TUBE HEAD ANCHOR 623-110/804-171 SILL ANCHOR RAIL	2-1/2"	SEE ABOVE

Approved as complying with the
Florida Building Code
Date FEB 20, 2003
NOA# 02-1003.01
Miami Dade Product Control
Division
By Shaq I. Chanda

BROMLEY • COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

JAN 30 2003

Kawneer
An Alcoa Company
Product Engineering & Development

555 GUTHRIDGE COURT
NORCROSS, GEORGIA 30092
PHONE (770) 449-5555
FAX (770) 734-1560

PRODUCT APPROVAL DRAWINGS
FG 623 - SMALL MISSILE
MULTIPLE INFILLS
PROTOCOLS PA 201/202/203

THIS DRAWING IS FOR
DADE COUNTY
PRODUCT APPROVAL
ONLY

DRAWN BY: JME DATE: 09/26/02

DRWG. NO.: T623-952

SHEET: 7 of 11 T623-952-7.DWG

SCALE:

REV.	DATE	DESCRIPTION OF REVISION	DEH	BY
1	01/02/03	REVISED PER DADE COUNTY REVIEW		

#	PT. NO.	DESCRIPTION	DIMENSIONS	MATERIAL	NOTES
1	27-017	SETTING BLOCK	.312 x .750 x 4.125	EPDM	KAWNEER RUBBER & PLASTICS
2	27-850	FIXED GASKET	.250 SPACE	EPDM	TREMCO
3	27-920	FIXED GASKET	.188 SPACE	EPDM	TREMCO
4	68-605	SIDE BLOCK	.250 x 1.062 x 4.125	EPDM	KAWNEER RUBBER & PLASTICS
5	127-028	WEDGE GASKET	.312 SPACE	EPDM	TREMCO
6	127-038	SILICONE SPACER (WEDGE GASKET)	.250 SPACE	SCR-900	TREMCO
7	127-048	FIXED GASKET	.312 SPACE	EPDM	TREMCO/ARROW 27-575
8	175-313	WATER DEFLECTOR	-	RIGID PVC	ASTRO PLASTICS
9	422-434	W BLOCK	-	EPDM	KAWNEER RUBBER & PLASTICS
10	-	DOW CORNING 983 / 995 SILICONE	-	SILICONE	
11	623-103	HORIZONTAL MULLION	2.250 x 6.000 x .090	6063-T6 ALUMINUM	
12	623-104	GLASS STOP	1.250 x 4.696 x .090	6063-T6 ALUMINUM	
13	623-105	HEAD	2.250 x 6.000 x .090	6063-T6 ALUMINUM	
14	623-107	VERTICAL MULLION	2.250 x 6.000 x .100	6063-T6 ALUMINUM	
15	623-110	SILL ANCHOR RAIL	.375 x 4.987 x .115	6063-T6 ALUMINUM	
16	623-111	GLASS STOP FILLER	.434 x 4.357 x .080	6063-T6 ALUMINUM	
17	623-112	JAMB POCKET FILLER	1.042 x .750 x .060	6063-T6 ALUMINUM	
18	623-113	SILL	2.250 x 6.000 x .090	6063-T6 ALUMINUM	
19	623-402	SETTING BLOCK CHAIR	1.437 x 1.200 x .080 x 4.125	6063-T6 ALUMINUM	
20	623-403	HEAD/SILL END DAM	2.250 x 2.500 x .060	6063-T6 ALUMINUM	
21	623-406	TUBE ANCHOR	1.000 x 6.000 x .125 x 2.500	6063-T6 ALUMINUM	
22	623-409	SHEAR BLOCK	.923 x 4.000 x .120 x 1.250	6063-T6 ALUMINUM	
23	804-171	ALTERNATE SILL ANCHOR RAIL	1.208 x 5.560 x .115	6063-T6 ALUMINUM	
24	28-400	SHEAR BLOCK ATTACHMENT SCREW	#10 x 1-19/32" PHTFS	430 SERIES STAINLESS STEEL	
25	28-710	HORIZONTAL/GLASS STOP ATTACHMENT SCREW	#10 x 5/8" PHTFS	430 SERIES STAINLESS STEEL	
26	128-112	SPLINE SCREW	#12 x 1-1/2" PHTFS	300 SERIES STAINLESS STEEL	

MATERIALS LIST

Approved as complying with the
Florida Building Code
Date FEB 20, 2003
NOA# 02-1003-01
Miami Dade/Fresh Air
Division
By Ismael I. Chanda

BROMLEY • COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

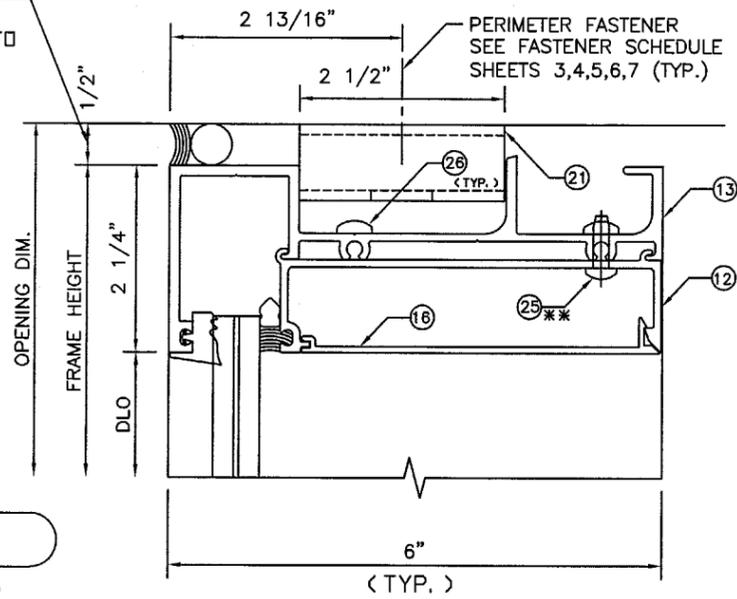
JAN 30 2003

Kawneer An Alcoa Company Product Engineering & Development		THIS DRAWING IS FOR DADE COUNTY PRODUCT APPROVAL ONLY	
555 GUTHRIDGE COURT NORCROSS, GEORGIA 30092 PHONE (770) 449-5555 FAX (770) 734-1560			
PRODUCT APPROVAL DRAWINGS FG 623 - SMALL MISSILE MULTIPLE INFILLS PROTOCOLS PA 201/202/203		DRAWN BY JME	DATE 09/26/02
		DRWG. NO. T623-952	
		SHEET 8 of 11	T623-952-8.DWG

SCALE:

REV.	DATE	DESCRIPTION OF REVISION	BY
1	01/02/03	REVISED PER DADE COUNTY REVIEW	DEH

NOTE:
HEAD SHIM
SPACE NOT TO
EXCEED 1/2"
MAX.

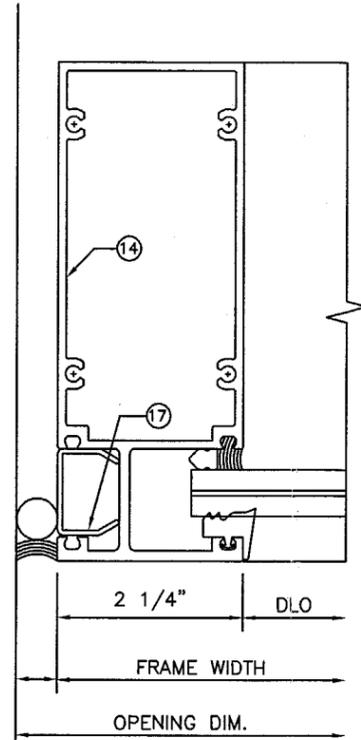


1
HEAD

* ATTACHES ① TO ②. ONE PER SHEARBLOCK.

** ATTACHES ⑫ TO ⑪ AND ⑬. 6' FROM EACH END AND MAX. 18' ON CENTER

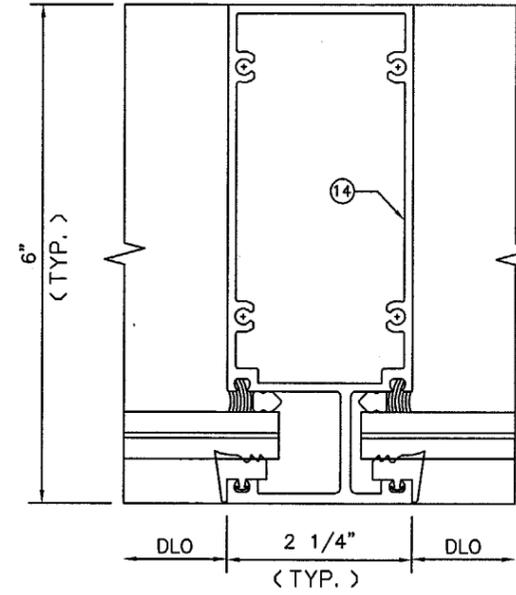
1/2"



4
JAMB

NOTE:
NO PERIMETER FASTENERS
REQUIRED AT JAMBS

EXTERIOR

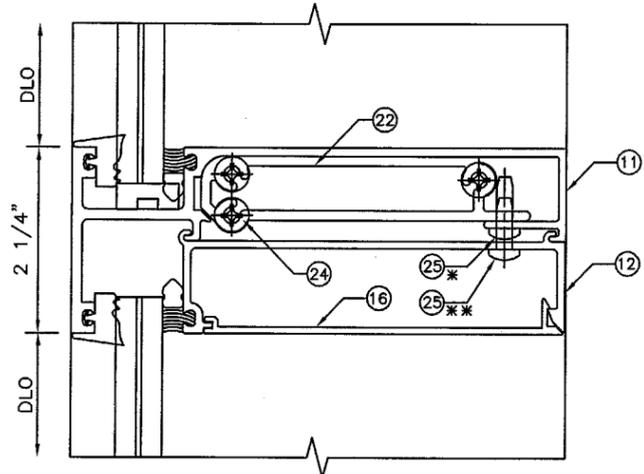


5
VERTICAL MULLION

I = 8.707 IN.⁴
S = 2.719 IN.³

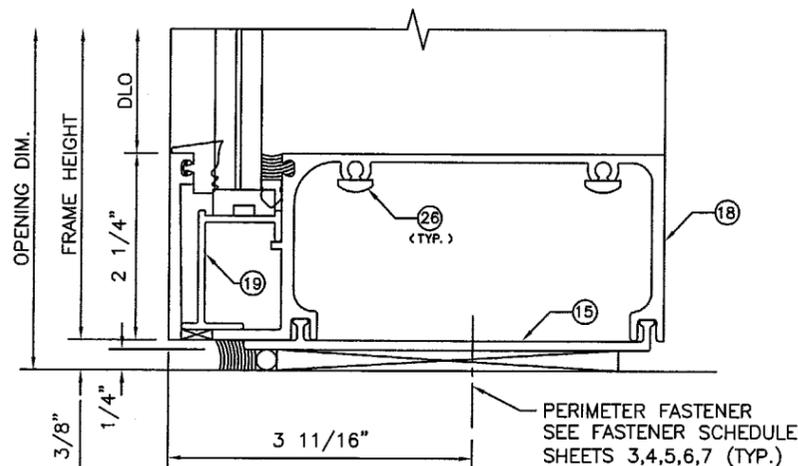
EXTERIOR

2
INT.
HORIZONTAL



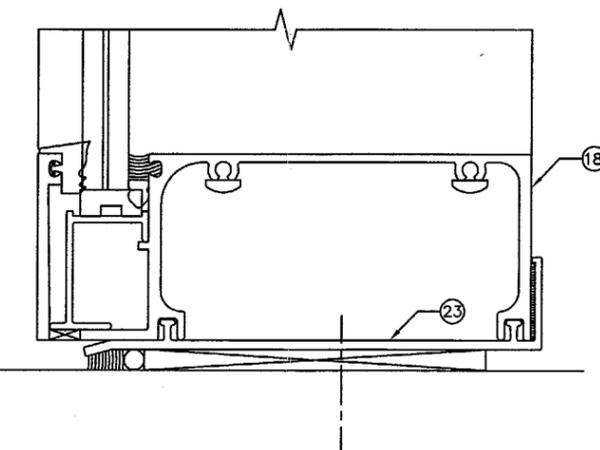
EXTERIOR

3A
SILL



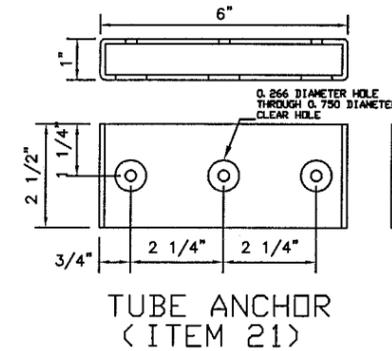
EXTERIOR

3B
ALT. SILL
ANCHOR



SMALL MISSILE (+70/-90 PSF)
SILICONE GLAZED W/SOLUTIA PVB
IMPACT RESISTANT DETAILS

REFER TO GLAZING DETAILS ON SHEET 11 OF 11 FOR SPECIFIC
INFORMATION REGARDING GLAZING MATERIALS AND GLASS BITE



TUBE ANCHOR
(ITEM 21)

Approved as complying with the
Florida Building Code
Date FEB 20, 2003
NOA# 02-1003-01
Miami Dade Product Control
Division
By (Shaq I. Chaudhry)

BROMLEY • COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

JAN 30 2003

SCALE:

Kawneer
An Alcoa Company
Product Engineering & Development

555 GUTHRIDGE COURT
NORCROSS, GEORGIA 30092
PHONE (770) 449-5555
FAX (770) 734-1560

PRODUCT APPROVAL DRAWINGS
FG 623 - SMALL MISSILE
MULTIPLE INFILLS
PROTOCOLS PA 201/202/203

THIS DRAWING IS FOR
DADE COUNTY
PRODUCT APPROVAL
ONLY

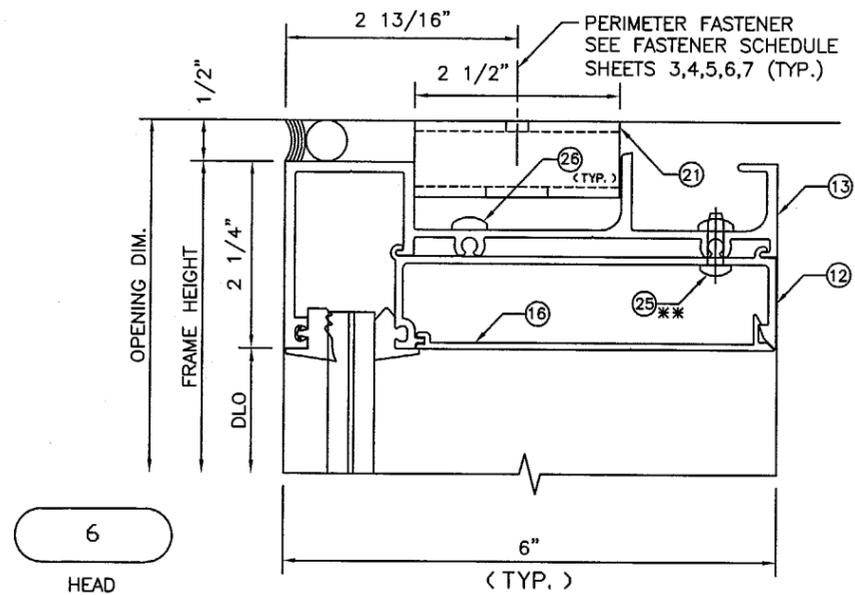
DRAWN BY JME DATE 09/26/02

DRWG. NO. T623-952

SHEET 9 of 11 T623-952-9.DWG

E. C. NO.	REV.	DATE	DESCRIPTION OF REVISION
1	01/02/03		REVISED PER DADE COUNTY REVIEW

DEH BY

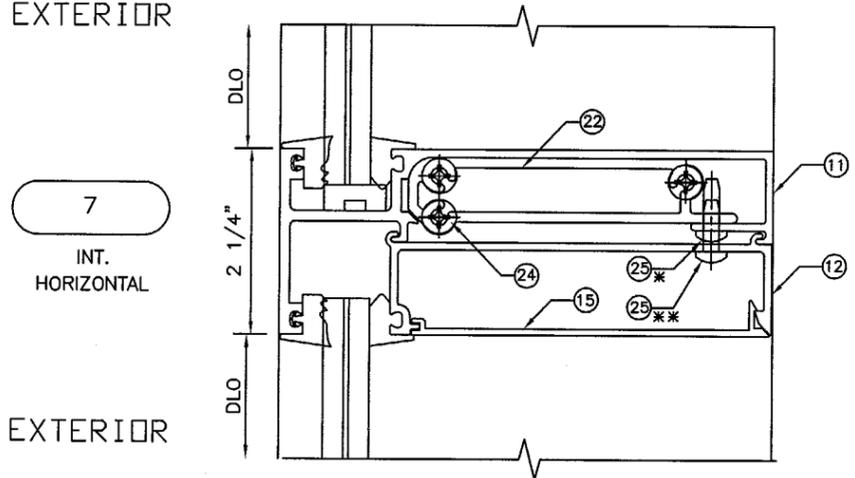


6
HEAD

* ATTACHES ① TO ②. ONE PER SHEARBLOCK.

** ATTACHES ⑫ TO ⑪ AND ⑬. 6' FROM EACH END AND MAX. 18' ON CENTER

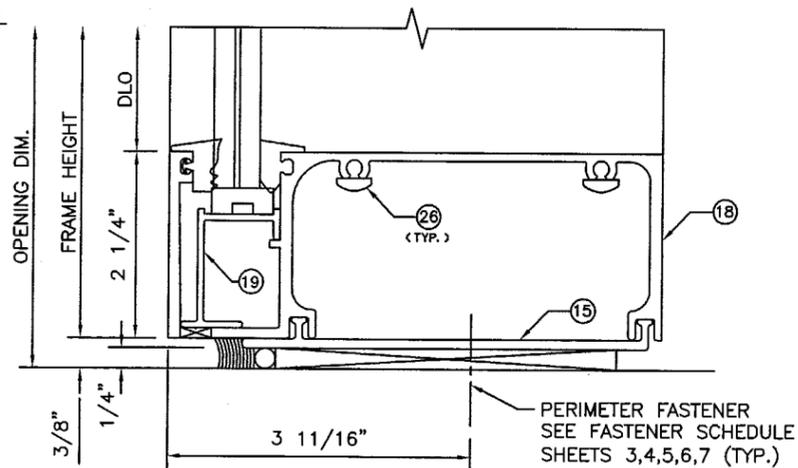
EXTERIOR



7
INT.
HORIZONTAL

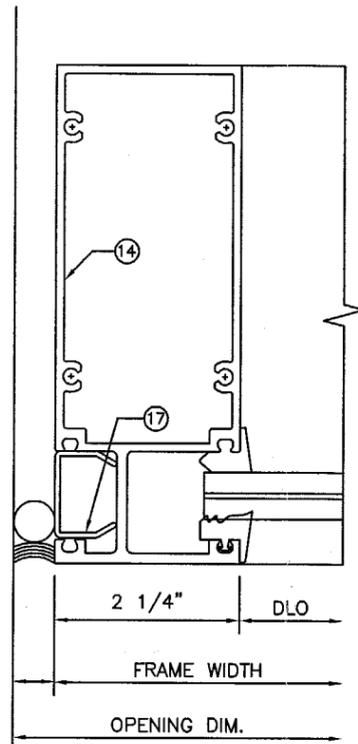
EXTERIOR

8A
SILL



8B
ALT. SILL
ANCHOR

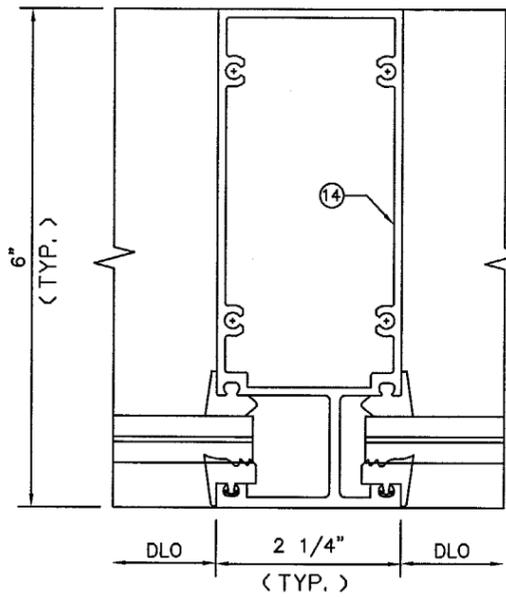
PERIMETER FASTENER
SEE FASTENER SCHEDULE
SHEETS 3,4,5,6,7 (TYP.)



9

JAMB
NOTE:
NO PERIMETER FASTENERS
REQUIRED AT JAMB

EXTERIOR

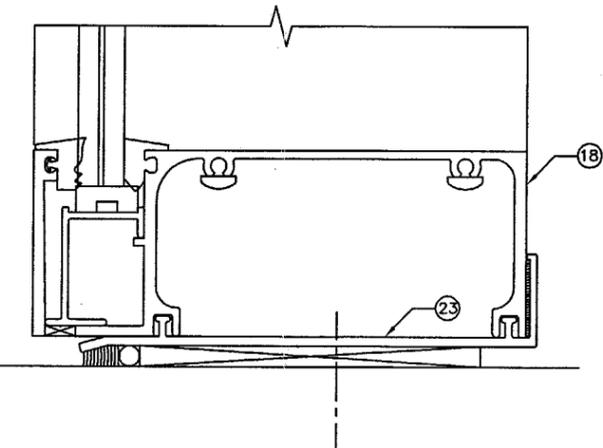


10
VERTICAL MULLION

I = 8.707 IN.⁴
S = 2.719 IN.³

SMALL MISSILE (GASKET)
IMPACT RESISTANT DETAILS
+70/-70 PSF GASKET GLAZED WITH
DUPONT PVB INTERLAYER

REFER TO GLAZING DETAILS ON SHEET 11 OF 11 FOR SPECIFIC
INFORMATION REGARDING GLAZING MATERIALS AND GLASS BITE



SCALE:

Approved as complying with the
Florida Building Code
Date FEB 20, 2003
NOAH 02-1003-01
Miami Dade Product Control
Division
By [Signature]

BROMLEY - COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
954-772-4624

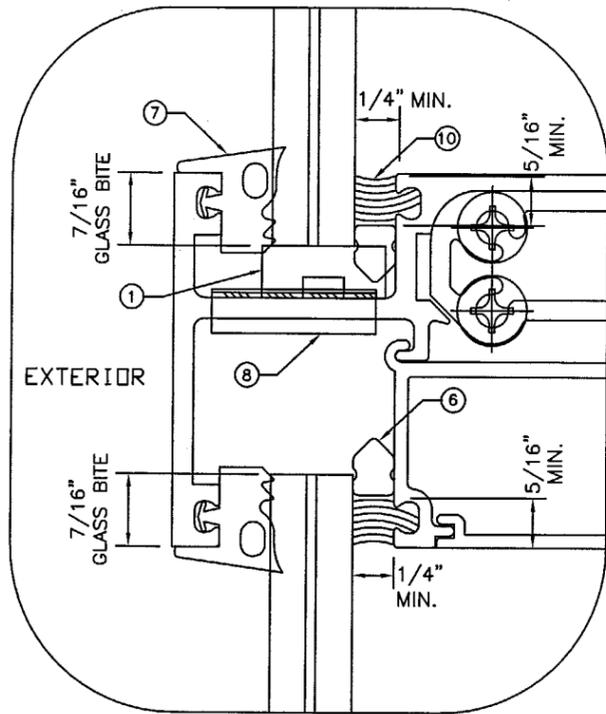
JAN 30 2003

Kawneer
An Alcoa Company
Product Engineering & Development
555 GUTHRIDGE COURT
NORCROSS, GEORGIA 30092
PHONE (770) 449-5555
FAX (770) 734-1560

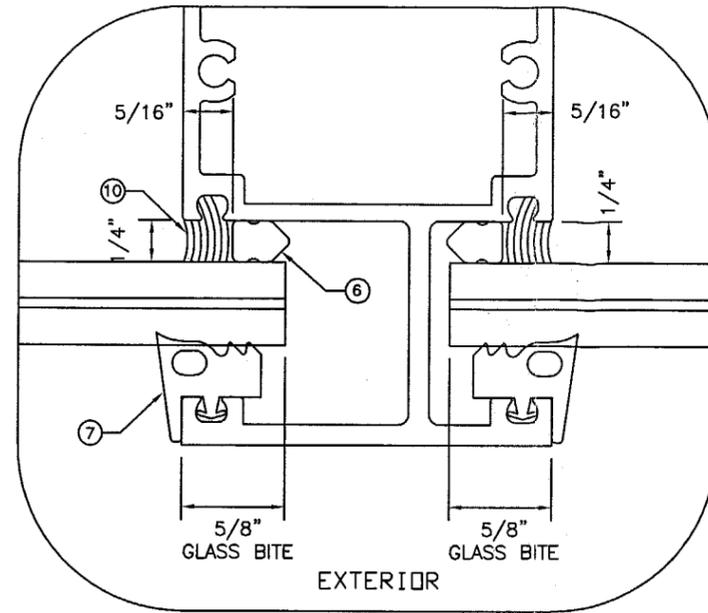
PRODUCT APPROVAL DRAWINGS
FG 623 - SMALL MISSILE
MULTIPLE INFILLS
PROTOCOLS PA 201/202/203

THIS DRAWING IS FOR DADE COUNTY PRODUCT APPROVAL ONLY	
DRAWN BY JME	DATE 09/26/02
DRWG. NO. T623-952	
SHEET 10 of 11	T623-952-10.DWG

E. C. NO.	REV.	DATE	DESCRIPTION OF REVISION	DEH	BY
1		01/02/03	REVISED PER DADE COUNTY REVIEW		



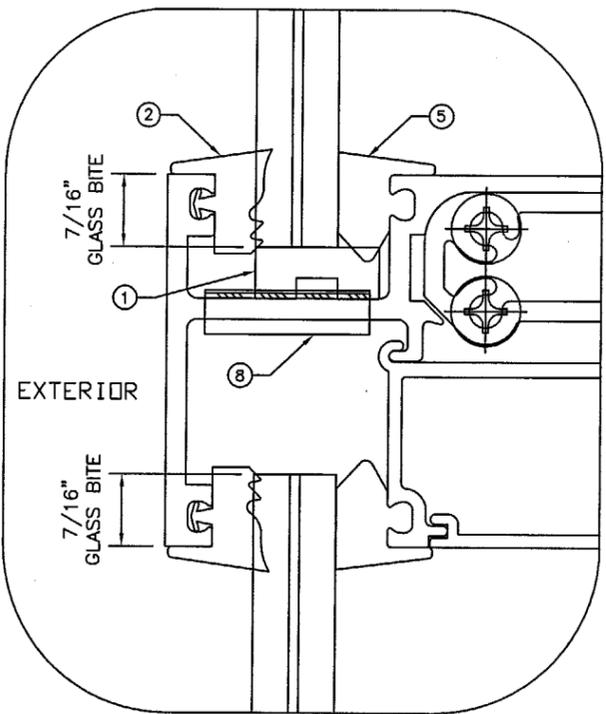
TYPICAL HORIZONTAL GLAZING DETAIL
1/2" LAMINATED W/ .060 SOLUTIA PVB INTERLAYER



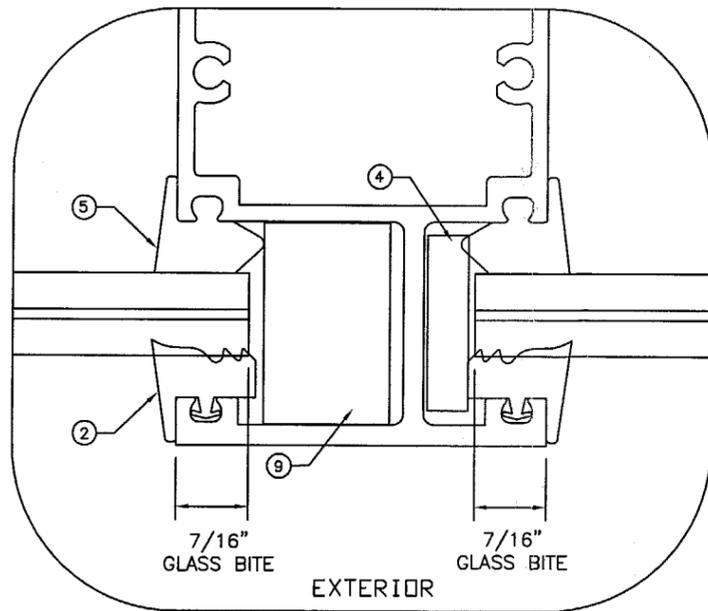
TYPICAL VERTICAL GLAZING DETAIL
1/2" LAMINATED WITH .060 SOLUTIA PVB INTERLAYER

SMALL MISSILE SILICONE
GLAZED GLAZING DETAIL
GLAZED W/ SOLUTIA PVB
+70 / -90 PSF

NOTE: MINIMUM 5/16" X 1/4"
SILICONE ADHESIVE BEAD



TYPICAL HORIZONTAL GLAZING DETAIL
1/2" LAMINATED W/ .060 DUPONT PVB INTERLAYER



TYPICAL VERTICAL GLAZING DETAIL
1/2" LAMINATED WITH .060 DUPONT PVB INTERLAYER

SMALL MISSILE GASKET
GLAZED GLAZING DETAIL
GLAZED W/ DUPONT PVB
+/- 70 PSF

Approved as complying with the
Florida Building Code
Date February 20, 2003
NOA# 02-1003-01
Miami Dade Product Control
Division
By Shahjahan Landa

BROMLEY • COOK ENGINEERING
Structural Engineering Services
2004 N.E. 49th Street
Ft. Lauderdale, FL 33308
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JAN 30 2003

Kawneer
An Alcoa Company
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555 GUTHRIDGE COURT
NORCROSS, GEORGIA 30092
PHONE (770) 449-5555
FAX (770) 734-1560
PRODUCT APPROVAL DRAWINGS
FG 623 - SMALL MISSILE
MULTIPLE INFILLS
PROTOCOLS PA 201/202/203

THIS DRAWING IS FOR
DADE COUNTY
PRODUCT APPROVAL
ONLY
DRAWN BY JME DATE 09/26/02
DRWG. NO. T623-952
SHEET 11 of 11 T623-952-11.DWG

REV.	DATE	DESCRIPTION OF REVISION	DEH	BY
1	01/02/03	REVISED PER DADE COUNTY REVIEW		

SCALE: