



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

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Kawneer Company, Inc.
555 Guthridge Court
Norcross, GA 30092

Your application for Notice of Acceptance (NOA) of:

Series IR 500 Aluminum Glazed (w/Viracon StormGuard) Window wall system-Impact

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-1114.07
EXPIRES: 04/12/2006

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 04/12/2001

Kanweer Company Inc.

ACCEPTANCE No.: 00-1114.07

APPROVED : April 12, 2001

EXPIRES : April 12, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves an aluminum window wall system, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **Series IR 500 Aluminum Glazed (w/Viracon StormGuard) Window Wall System-Large Missile Impact Resistant** and its components shall be constructed in strict compliance with the following documents: Drawing No. **T575-801**, titled "Kawneer IR 500 - Impact" Sheets 1 through 7 of 7, dated 08/25/00 and last revised on 03-16-01, prepared by manufacturer, 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to multiple unit applications of an aluminum window wall system, limited only to the maximum height (span) and mullion spacing; for the Design Pressure Rating shown approved drawing.

4. INSTALLATION

- 4.1 The aluminum window wall system and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda

Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

Kanweer Company Inc.

ACCEPTANCE No.: 00-1114.07

APPROVED : April 12, 2001

EXPIRES : April 12, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

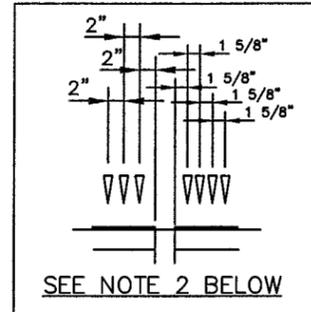
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

Ishaq I. Chanda
Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

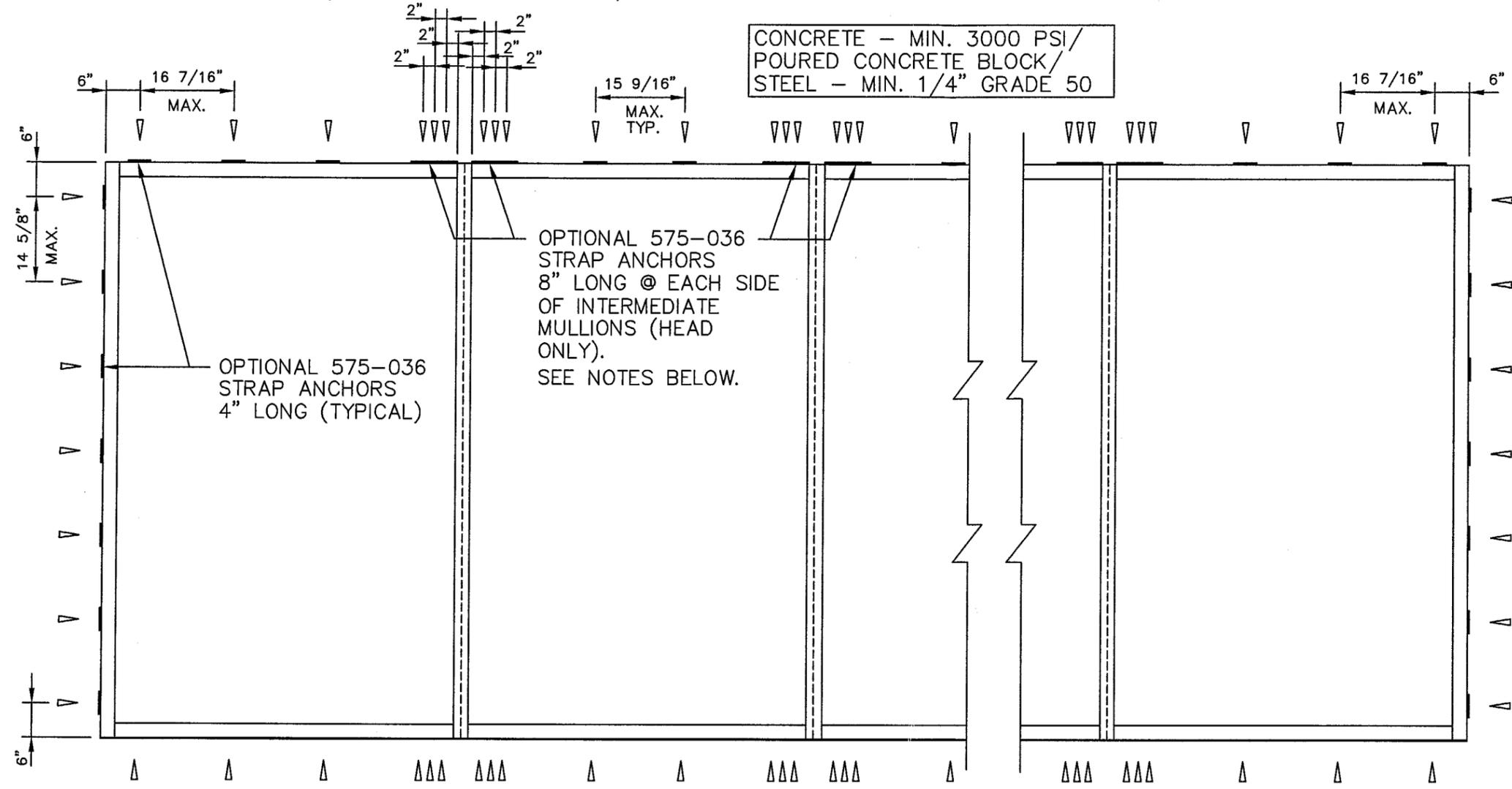
END OF THIS ACCEPTANCE

TYP. @ TOP & BOTTOM OF
INTERMEDIATE MULLIONS
(SEE EXCEPTION BELOW - NOTE 2)

CONCRETE - MIN. 3000 PSI/
POURED CONCRETE BLOCK/
STEEL - MIN. 1/4" GRADE 50



CONCRETE - MIN. 3000 PSI/
POURED CONCRETE BLOCK/
STEEL - MIN. 1/4" GRADE 50



FASTENER LOCATION SAME AS OPPOSITE JAMB

CONCRETE - MIN. 3000 PSI/
POURED CONCRETE BLOCK/
STEEL - MIN. 1/4" GRADE 50

CONCRETE - MIN. 3000 PSI/
POURED CONCRETE BLOCK/
STEEL - MIN. 1/4" GRADE 50

FASTENER LOCATION SAME AS HEAD

PERIMETER FASTENER LOCATIONS
CONCRETE/CBS/STEEL
FASTENER SCHEDULE

NOTES:
1. THE OPTIONAL 575-012 ONE PIECE HEAD IS REQ'D. FOR THE OPTIONAL 575-036 STRAP ANCHORS AT THE HEAD.
2. AN ADDITIONAL FASTENER IS REQ'D. AT THE HEAD WHEN THE OPTIONAL 575-036 STRAP ANCHOR IS USED WITH CONCRETE AND POURED CONCRETE BLOCK SUBSTRATES. SEE DETAIL ABOVE.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE April 12, 2001
By Ishag J. Zhand
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1114.07

| 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 | 575-006 HEAD / SILL 575-012 HEAD W/ 575-036 STRAP ANCHOR 575-001 JAMB W/ 575-036 STRAP ANCHOR | 1-1/2" | SEE ABOVE |
| HW4-314 | - | 1/4" x 3-1/4" HEX WASHER HEAD TAPCON BY ELCO | CONCRETE/CBS | 575-003 HEAD / SILL 575-001 JAMB W/O 575-036 STRAP ANCHOR | 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 | 575-006 HEAD / SILL 575-012 HEAD W/ 575-036 STRAP ANCHOR 575-001 JAMB W/ 575-036 STRAP ANCHOR | FULL | SEE ABOVE |
| AF 886 | STEEL SAE J429 GRADE 5 | ELCO DRILFLEX STRUCTURAL FASTENER 1/4-20 x 2" W/ #4 POINT | STEEL | 575-003 HEAD / SILL 575-001 JAMB W/O 575-036 STRAP ANCHOR | FULL | SEE ABOVE |

SCALE:

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

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

THIS DRAWING IS FOR
DADE COUNTY
PRODUCT APPROVAL
ONLY

| | |
|-----------------------|-----------------|
| DRAWN BY JME | DATE 8-25-00 |
| DRWG. NO. T575-801 | |
| SHEET 3 of 7 | T575-801-3.DWG |

| E. C. NO. | REV. | DATE | DESCRIPTION OF REVISION |
|-----------|---------|------|-------------------------|
| 1 | 3-16-01 | | REVISED PER DADE COUNTY |

JME BY

| # | PT. NO. | DESCRIPTION | DIMENSIONS | MATERIAL | NOTES |
|----|---------|--|----------------------------|----------------------------|---------------------------|
| 1 | 27-077 | HEAVY FIXED GASKET | .250 SPACE | EPDM | KAWNEER RUBBER & PLASTICS |
| 2 | 27-806 | FIXED WEATHERSTRIP | .062 SPACE | SANTOPRENE | KAWNEER RUBBER & PLASTICS |
| 3 | 127-012 | SILICONE SPACER | .313 SPACE | SANTOPRENE | KAWNEER RUBBER & PLASTICS |
| 4 | 127-015 | SETTING BLOCK | .813 x .813 | EPDM | KAWNEER RUBBER & PLASTICS |
| 5 | 175-313 | WATER DEFLECTOR | - | PVC | ASTRO PLASTICS |
| 6 | 575-001 | JAMB | 2.500 x 5.000 x .090 | 6063-T5 ALUMINUM | |
| 7 | 575-002 | POCKET FILLER | .845 x 4.316 x .090 | 6063-T5 ALUMINUM | |
| 8 | 575-003 | SILL/HEAD | 2.500 x 4.952 x .090 | 6063-T5 ALUMINUM | |
| 9 | 575-004 | GLASS STOP | 1.543 x 1.933 x .075 | 6063-T5 ALUMINUM | |
| 10 | 575-006 | OPTIONAL SILL/HEAD | 2.500 x 4.952 x .090 | 6063-T5 ALUMINUM | |
| 11 | 575-007 | SNAP-IN COVER | .252 x 1.080 | 6063-T5 ALUMINUM | |
| 12 | 575-009 | VERTICAL EXPANSION MULLION (MALE HALF) | 2.093 x 5.000 x .090 | 6063-T5 ALUMINUM | |
| 13 | 575-010 | VERTICAL EXPANSION MULLION (FEMALE HALF) | 1.465 x 5.000 x .090 | 6063-T5 ALUMINUM | |
| 14 | 575-011 | HORIZONTAL MULLION | 2.500 x 4.952 x .090 | 6063-T5 ALUMINUM | |
| 15 | 575-012 | OPTIONAL ONE PIECE HEAD | 2.500 x 5.000 x .090 | 6063-T5 ALUMINUM | |
| 16 | 575-013 | VERTICAL MULLION | 2.500 x 5.000 x .090 | 6063-T5 ALUMINUM | |
| 17 | 575-036 | OPTIONAL STRAP ANCHOR | .857 x 6.434 x .250 (TYP.) | 6063-T5 ALUMINUM | |
| 18 | 575-037 | SILL FLASHING | 2.594 x 5.250 x .080 | 6063-T5 ALUMINUM | |
| 19 | 575-110 | STEEL REINFORCEMENT | 1.000 x 4.282 x .135 | GRADE 33 STEEL | |
| 20 | 575-114 | END DAM | 1.750 x 2.000 x .050 | 6063-T5 ALUMINUM | |
| 21 | 128-267 | SPLINE SCREW | #12 X 1" PHTFS | 300 SERIES STAINLESS STEEL | |
| 22 | 128-271 | STEEL ATTACHMENT SCREW | #12 X 5/8" PHTFS | 300 SERIES STAINLESS STEEL | |

MATERIALS LIST

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE APRIL 12, 2001
BY Ishaq J. Chaudhry
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1114.07

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

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

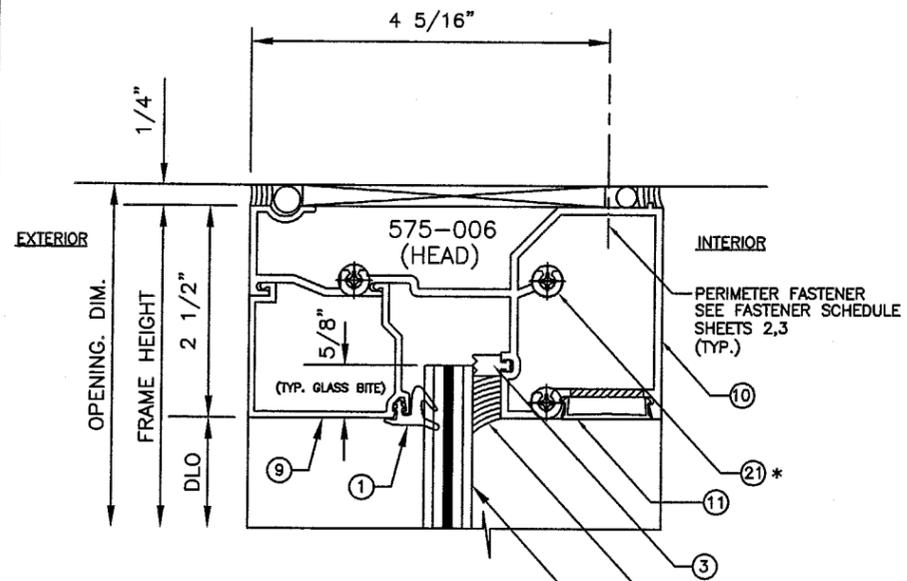
DRAWN BY JME DATE 8-25-00

DRWG. NO. T575-801

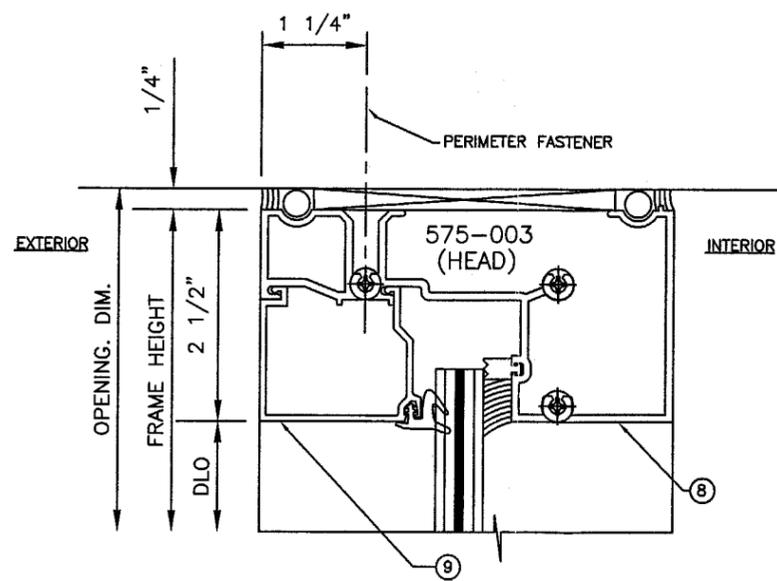
SHEET 4 of 7 T575-801-4.DWG

SCALE:

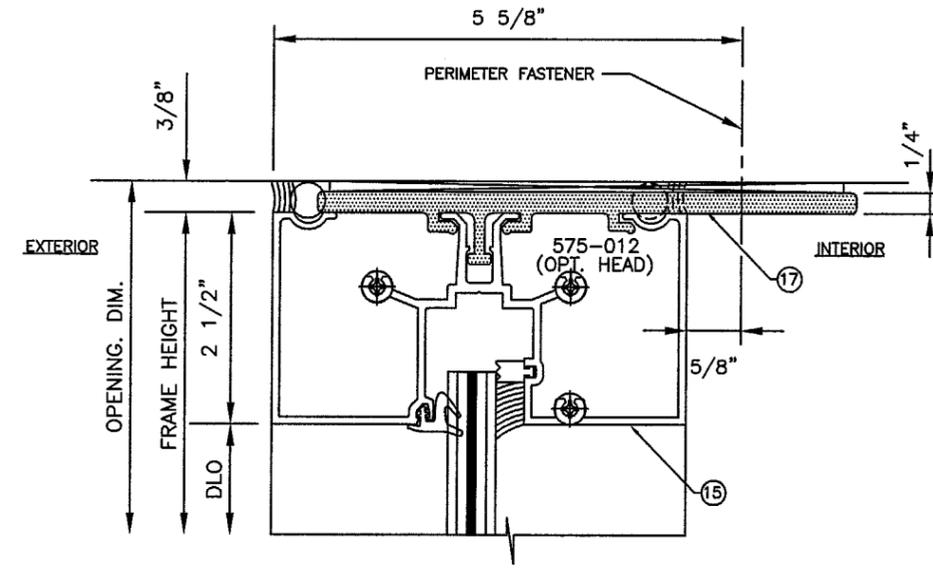
E. C. NO. 1 REV. DATE 3-16-01 REVISION PER DADE COUNTY DESCRIPTION OF REVISION



1A



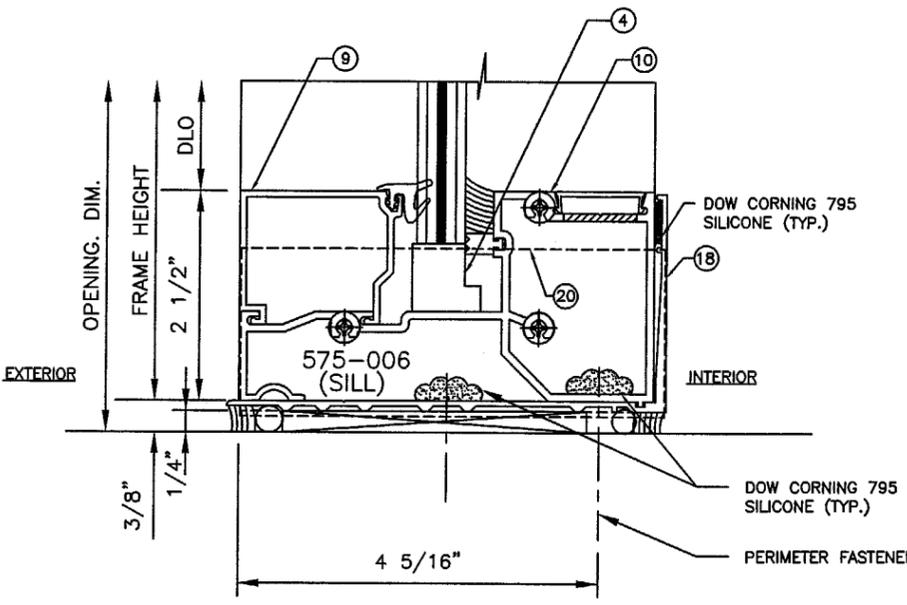
1B



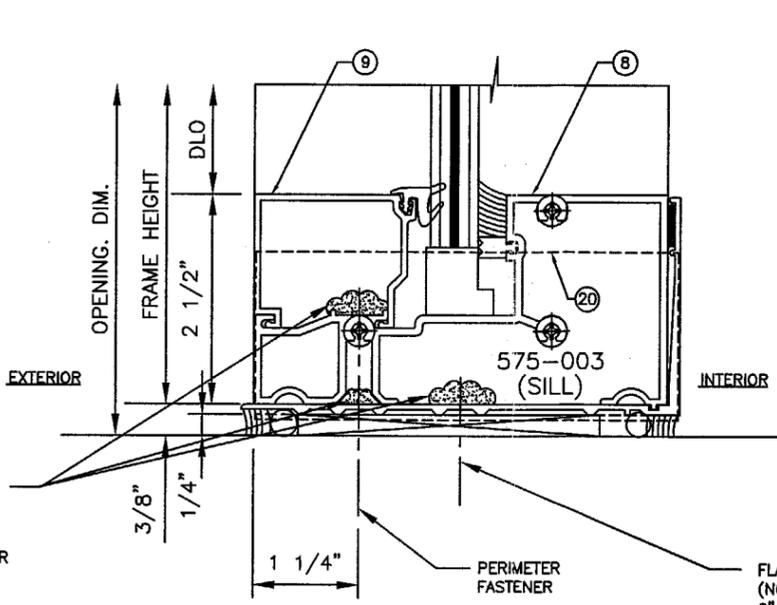
1C

* (21) TYP. (9) ALL SPLINE CONNECTIONS

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

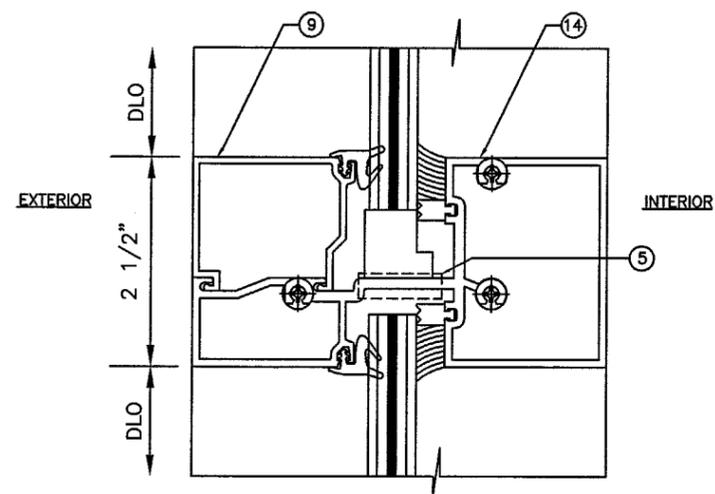


2A



2B

FLASHING ATTACHMENT FASTENER (NON-STRUCTURAL)
6" FROM EACH END AND MAX. 36" O.C.
WOOD: #12 x 1-1/2" WOOD SCREW OR SMS
CONCRETE/CBS: 1/4" x 1-1/4" TAPCON
STEEL: 1/4-20 x 1" SELF DRILLING
(TYPICAL (9) ALL SILLS)



3

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

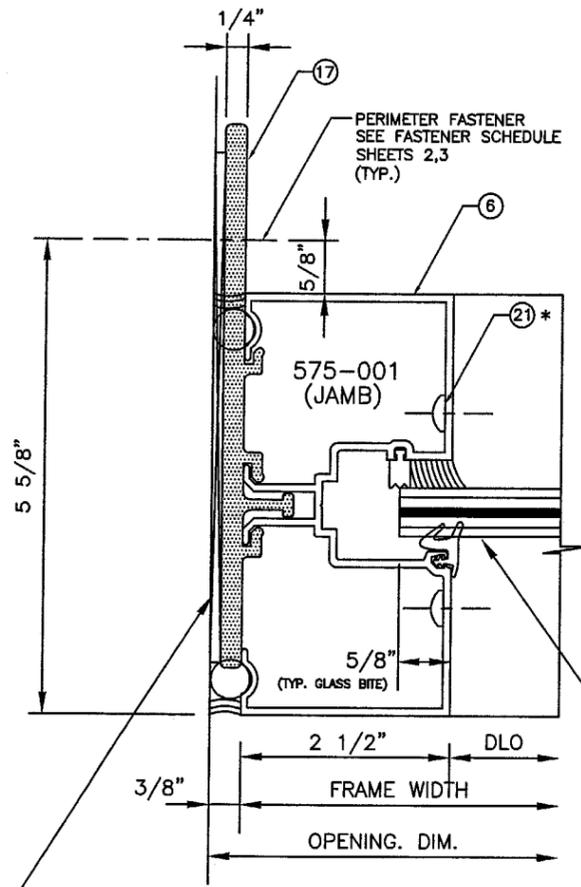
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE APRIL 17, 2001
BY Ishq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1114.07

THIS DRAWING IS FOR DADE COUNTY PRODUCT APPROVAL ONLY

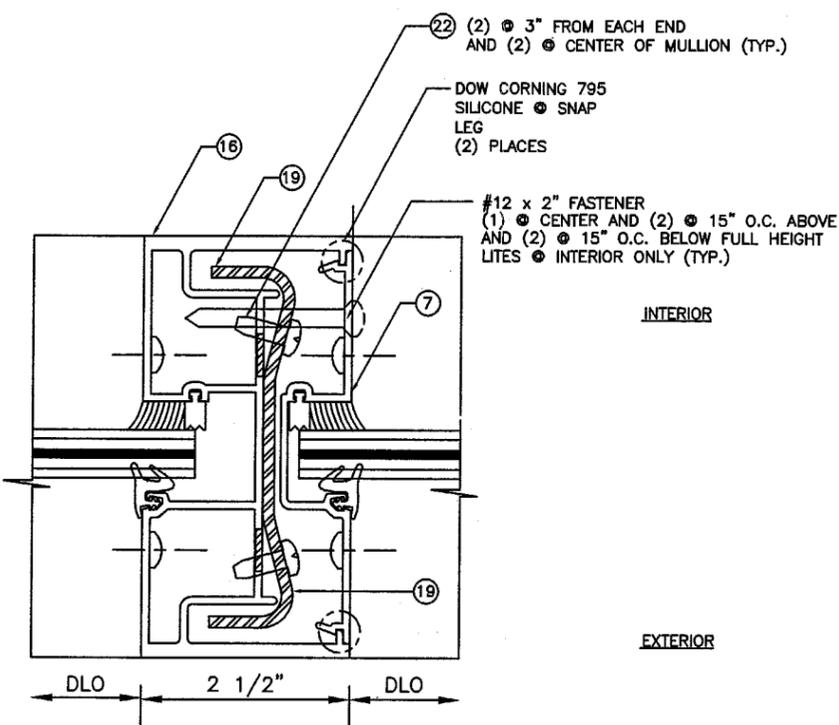
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|--|-----------------------|-----------------|
| DESCRIPTION PRODUCT APPROVAL DRAWINGS KAWNEER IR 500 - L.M. IMPACT VIRACON StormGuard™ INFILL PROTOCOLS PA 201/202/203 | DRAWN BY JME | DATE 8-25-00 |
| | DRWG. NO. T575-801 | |
| SHEET 5 of 7 | T575-801-5.DWG | |

| DESCRIPTION OF REVISION | | REVISED PER DADE COUNTY | DATE | E. C. NO. | REV. | DATE | BY |
|-------------------------|--|-------------------------|---------|-----------|------|------|-----|
| | | 1 | 3-16-01 | | | | JME |

SCALE:

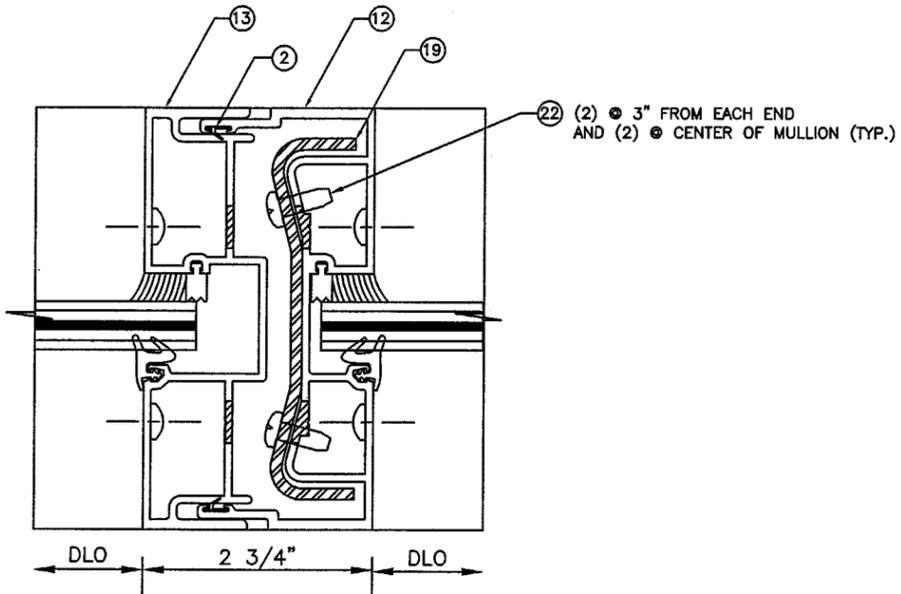


4A



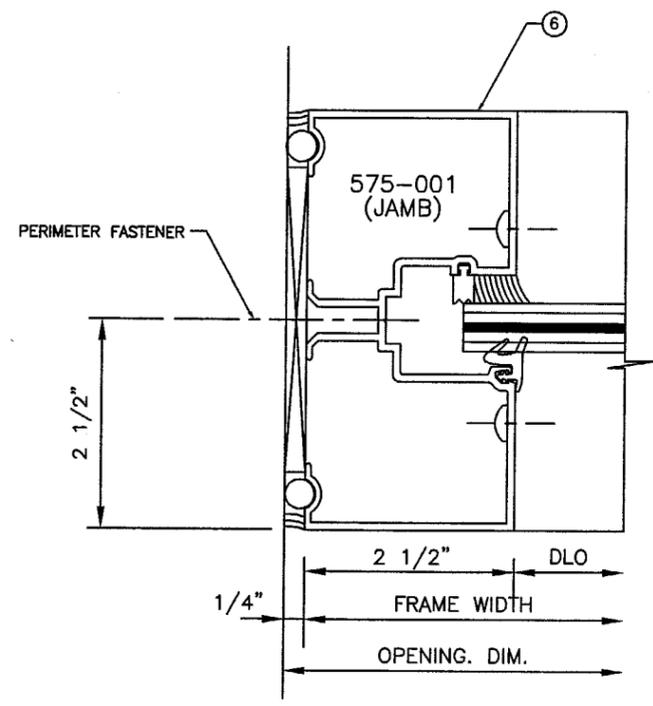
5

STANDARD MULLION



6

EXPANSION MULLION



4B

* (2) TYP. (C) ALL SPLINE CONNECTIONS

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

| REV. | DATE | DESCRIPTION OF REVISION | JME | BY |
|------|---------|-------------------------|-----|----|
| 1 | 3-16-01 | REVISED PER DADE COUNTY | | |
| | | | | |
| | | | | |

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE APRIL 12, 2001
 BY Ishaq I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-1114.07

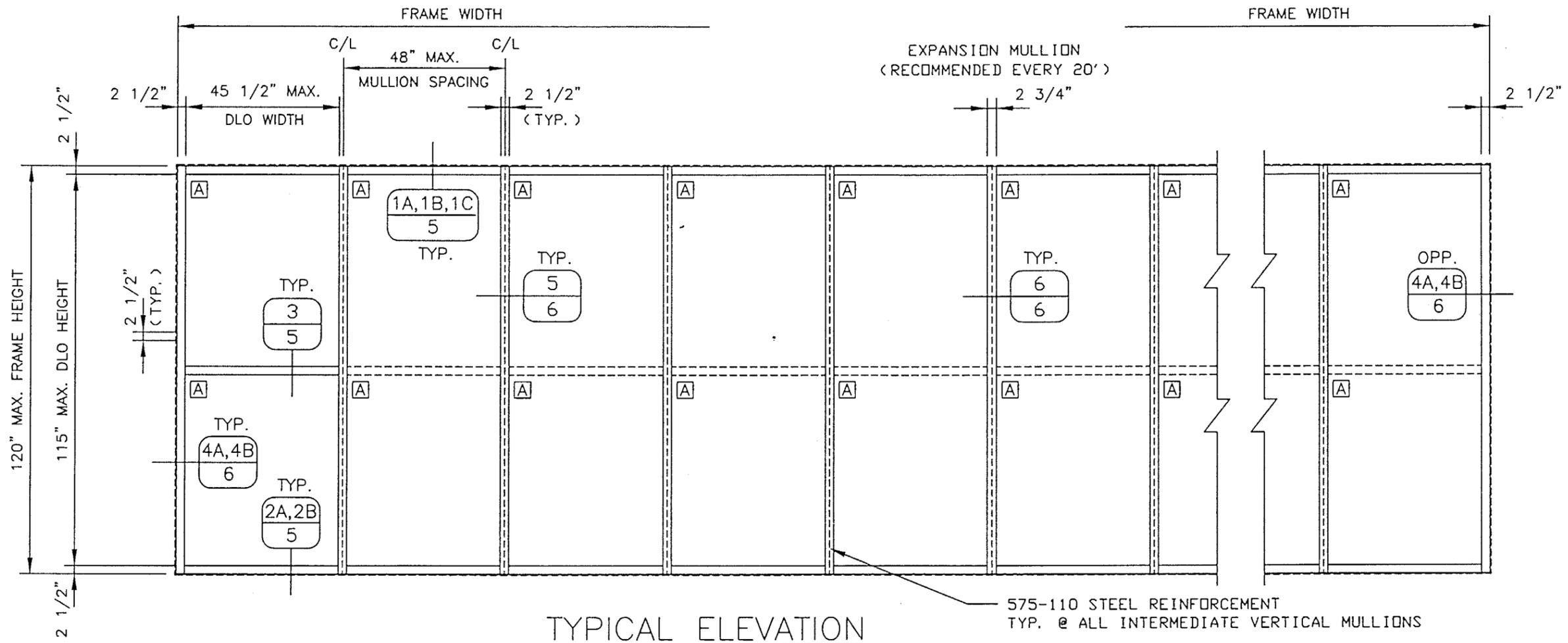
Kawneer
 An Alcoa Company
 Product Engineering & Development
 555 GUTHRIDGE COURT
 NORCROSS, GEORGIA 30092
 PHONE (770) 449-5555
 FAX (770) 734-1560

THIS DRAWING IS FOR
 DADE COUNTY
 PRODUCT APPROVAL
 ONLY

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

DRAWN BY JME DATE 8-25-00
 DRWG. NO. T575-801
 SHEET 6 of 7 T575-801-6.DWG

SCALE:



TYPICAL ELEVATION

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

| GLAZING SCHEDULE | |
|---|-----------------------------------|
| GLASS TYPE | MAX. DLO SIZE |
| A = 9/16" SAF-GLAS BY SECURITY IMPACT GLASS 1/4" HEAT STRENGTHENED OUTBOARD LITE / 0.070 POLYCARBONATE / 1/4" HEAT STRENGTHENED INBOARD LITE | 45-1/2" x 115" = 36.3 SQUARE FEET |
| TYPICAL GLASS SIZE = DLO + 1-1/4" | |

DESIGN PRESSURE = +/- 88 PSF

- NOTES:
- SEE SHEETS 2, 3 OF 7 FOR PERIMETER FASTENER SCHEDULE AND LOCATIONS.
 - HORIZONTAL MULLION (DETAIL 3/5) IS OPTIONAL AT ANY LOCATION IN ANY BAY.
 - DLO = DAYLIGHT OPENING.

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DESCRIPTION
PRODUCT APPROVAL DRAWINGS
KAWNEER IR 500 - L. M. IMPACT
SECURITY IMPACT SAF-GLAS
PROTOCOLS PA 201/202/203

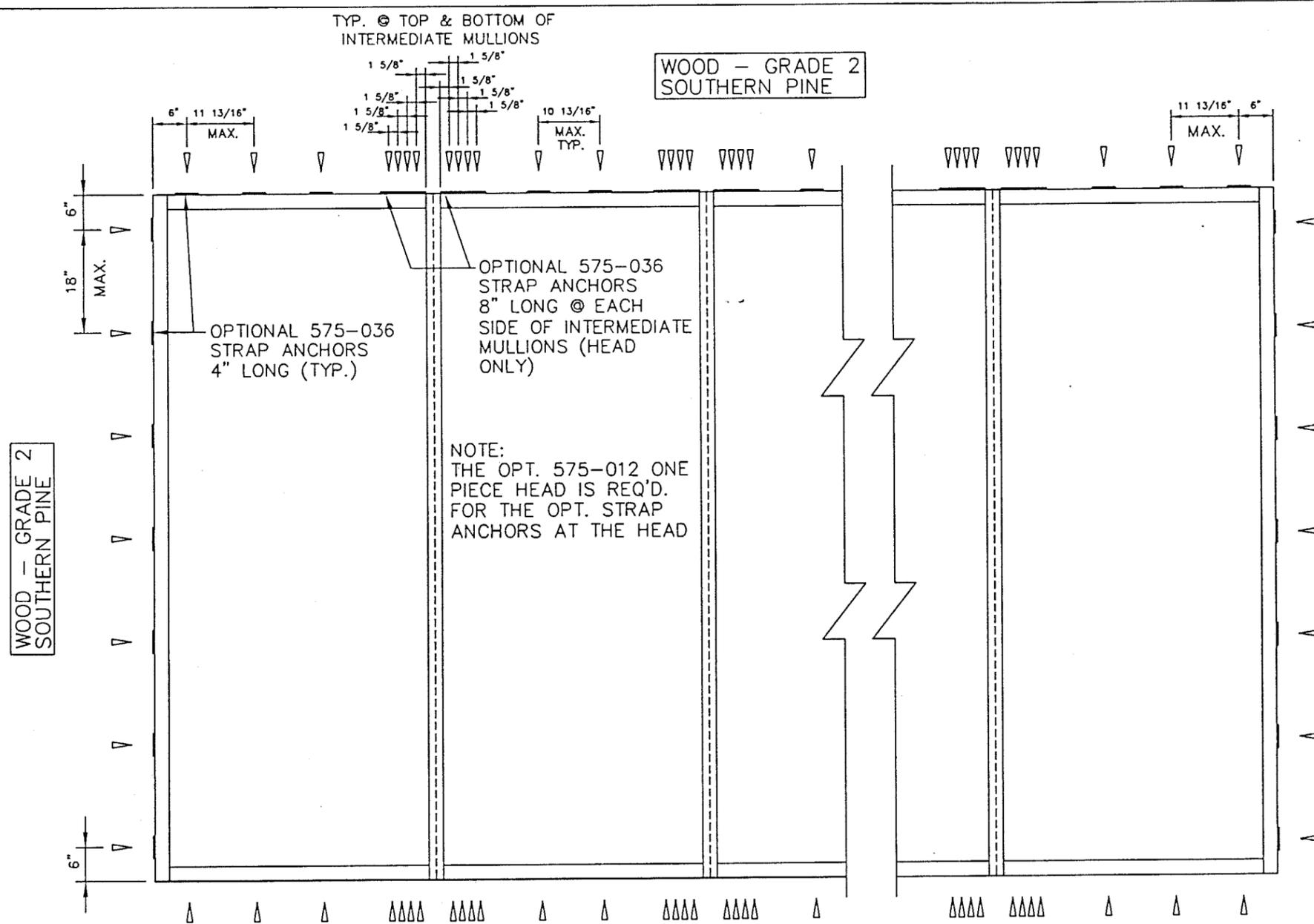
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE June 14, 2001
BY Ishag J. Lhanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1210-02

THIS DRAWING IS FOR
DADE COUNTY
PRODUCT APPROVAL
ONLY

DRAWN BY JME DATE 5-1-01
DRVG. NO. T575-802
SHEET 1 of 7 T575-802-1.DWG

| E. C. NO. | REV. | DATE | DESCRIPTION OF REVISION | BY |
|-----------|------|------|-------------------------|----|
| | | | | |
| | | | | |
| | | | | |

SCALE:



WOOD - GRADE 2
SOUTHERN PINE

WOOD - GRADE 2
SOUTHERN PINE

WOOD - GRADE 2
SOUTHERN PINE

FASTENER LOCATION SAME AS OPPOSITE JAMB

WOOD - GRADE 2
SOUTHERN PINE

FASTENER LOCATION SAME AS HEAD

PERIMETER FASTENER LOCATIONS

WOOD SUBSTRATE

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 | 575-006 HEAD / SILL 575-012 HEAD W/ 575-036 STRAP ANCHOR 575-001 JAMB W/ 575-036 STRAP ANCHOR | 1-1/2" | SEE ABOVE |
| - | STAINLESS STEEL OR CORROSION RESISTANT STEEL | #14 X 3" PAN HEAD WOOD SCREW (ALT: 1/4-14 SHEET METAL SCREW) | WOOD | 575-003 HEAD / SILL 575-001 JAMB W/O 575-036 STRAP ANCHOR | 1-1/2" | SEE ABOVE |

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JUNE 14, 2001
BY Ishaq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1210-02

Kawneer
An Alcoa Company
Product Engineering & Development
555 GUTHRIDGE COURT
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DESCRIPTION
PRODUCT APPROVAL DRAWINGS
KAWNEER IR 500 - L.M. IMPACT
SECURITY IMPACT SAF-GLAS
PROTOCOLS PA 201/202/203

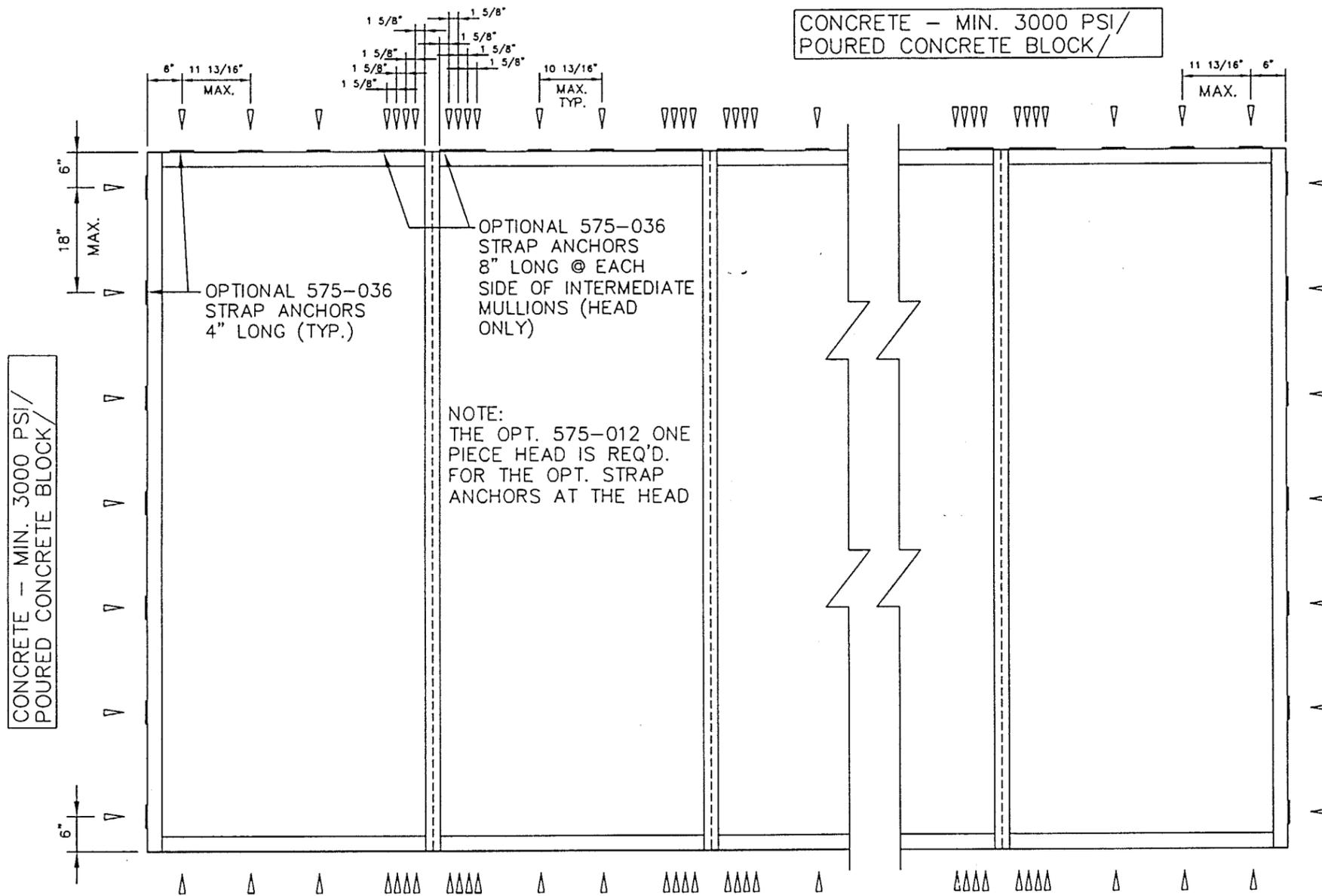
DRAWN BY JME DATE 5-1-01
DRWG NO. T575-802
SHEET 2 of 7 T575-802-2.DWG

| E. C. NO. | REV. | DATE | DESCRIPTION OF REVISION | BY |
|-----------|------|------|-------------------------|----|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

SCALE:

TYP. @ TOP & BOTTOM OF INTERMEDIATE MULLIONS

CONCRETE - MIN. 3000 PSI/
POURED CONCRETE BLOCK/



CONCRETE - MIN. 3000 PSI/
POURED CONCRETE BLOCK/

FASTENER LOCATION SAME AS HEAD

PERIMETER FASTENER LOCATIONS
CONCRETE/CBS SUBSTRATES

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 | 575-006 HEAD / SILL 575-012 HEAD W/ 575-036 STRAP ANCHOR 575-001 JAMB W/ 575-036 STRAP ANCHOR | 1-1/2" | SEE ABOVE |
| HW4-314 | - | 1/4" x 3-1/4" HEX WASHER HEAD TAPCON BY ELCO | CONCRETE/CBS | 575-003 HEAD / SILL 575-001 JAMB W/O 575-036 STRAP ANCHOR | 1-1/2" | SEE ABOVE |

FASTENER LOCATION SAME AS OPPOSITE JAMB

CONCRETE - MIN. 3000 PSI/
POURED CONCRETE BLOCK/

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE June 14, 2001
BY Ishag J. Claude
PRODUCT CONTROL DIVISION
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DESCRIPTION
PRODUCT APPROVAL DRAWINGS
KAWNEER IR 500 - L. M. IMPACT
SECURITY IMPACT SAF-GLAS
PROTOCOLS PA 201/202/203

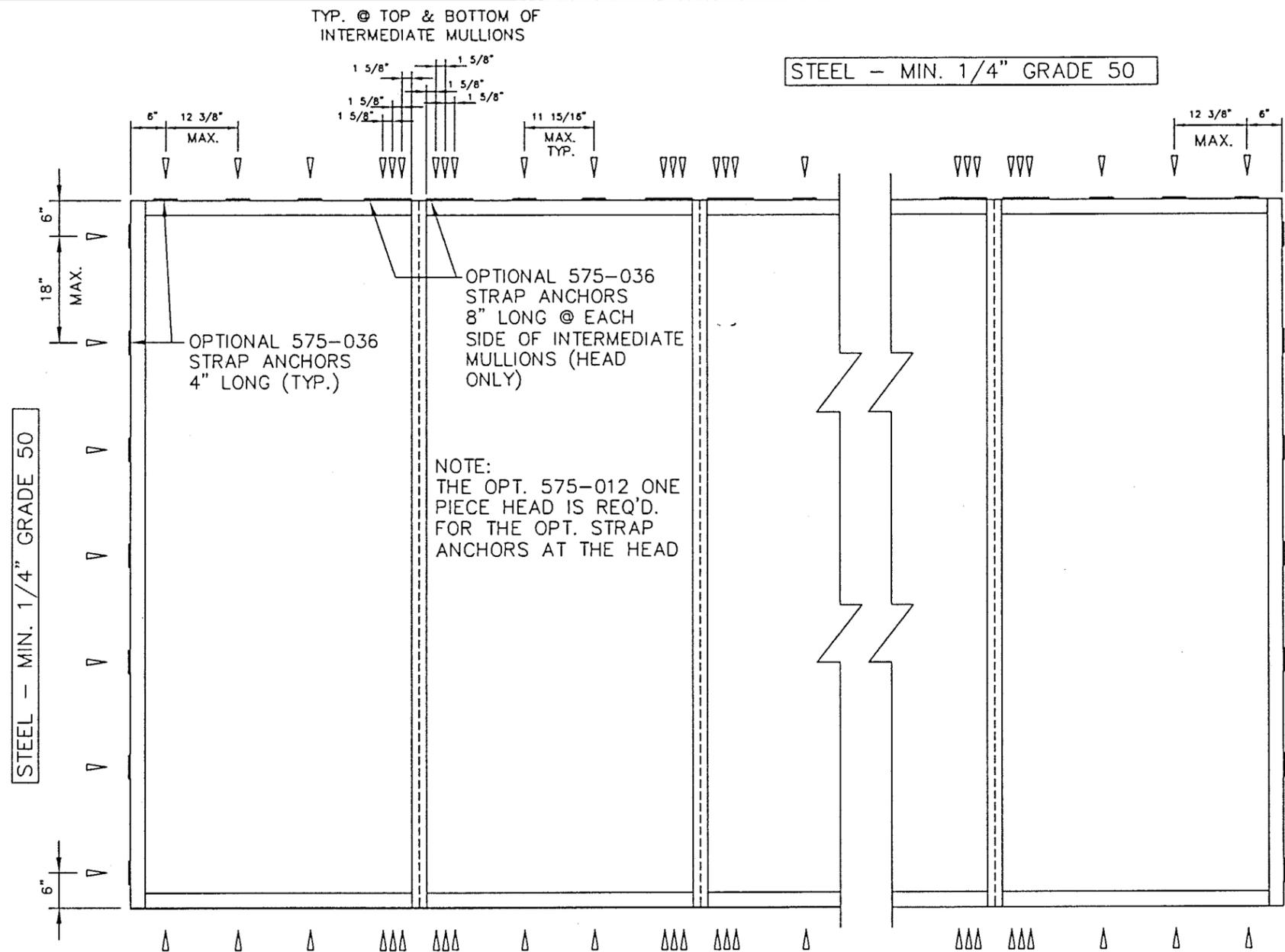
DRAWN BY JME DATE 5-1-01

DRWG. NO. T575-802

SHEET 3 of 7 T575-802-3.DWG

SCALE:

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STEEL - MIN. 1/4" GRADE 50

FASTENER LOCATION SAME AS HEAD

PERIMETER FASTENER LOCATIONS
STEEL SUBSTRATE

FASTENER SCHEDULE

| NUMBER | MATERIAL | DESCRIPTION | SUBSTRATE | LOCATION | MIN. EMBED. | MAX. SPACING |
|--------|---------------------------|--|-----------|---|-------------|--------------|
| AF 876 | STEEL SAE J429 GRADE 5 | ELCO DRILFLEX STRUCTURAL FASTENER 1/4-20 x 1-1/2" W/ #4 POINT | STEEL | 575-006 HEAD / SILL 575-012 HEAD W/ 575-036 STRAP ANCHOR 575-001 JAMB W/ 575-036 STRAP ANCHOR | FULL | SEE ABOVE |
| AF 886 | STEEL SAE J429 GRADE 5 | ELCO DRILFLEX STRUCTURAL FASTENER 1/4-20 x 2" W/ #4 POINT | STEEL | 575-003 HEAD / SILL 575-001 JAMB W/O 575-036 STRAP ANCHOR | FULL | SEE ABOVE |

SCALE:

FASTENER LOCATION SAME AS OPPOSITE JAMB

STEEL - MIN. 1/4" GRADE 50

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE June 14, 2001
BY Shag J. Chaudh
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1210.02

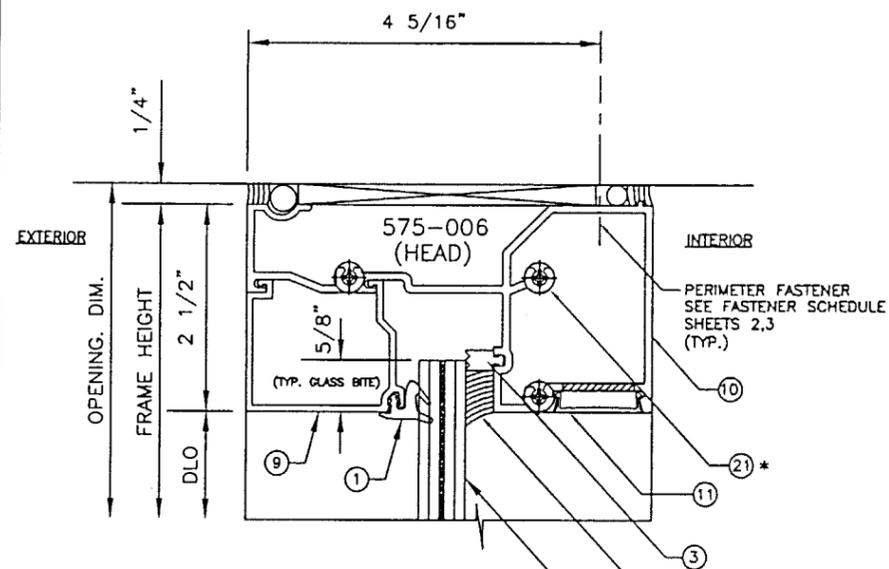
Kawneer
An Alcoa Company
Product Engineering & Development
555 GUTHRIDGE COURT
NORCROSS, GEORGIA 30092
PHONE (770) 449-5555
FAX (770) 734-1560

DESCRIPTION
PRODUCT APPROVAL DRAWINGS
KAWNEER IR 500 - L. M. IMPACT
SECURITY IMPACT SAF-GLAS
PROTOCOLS PA 201/202/203

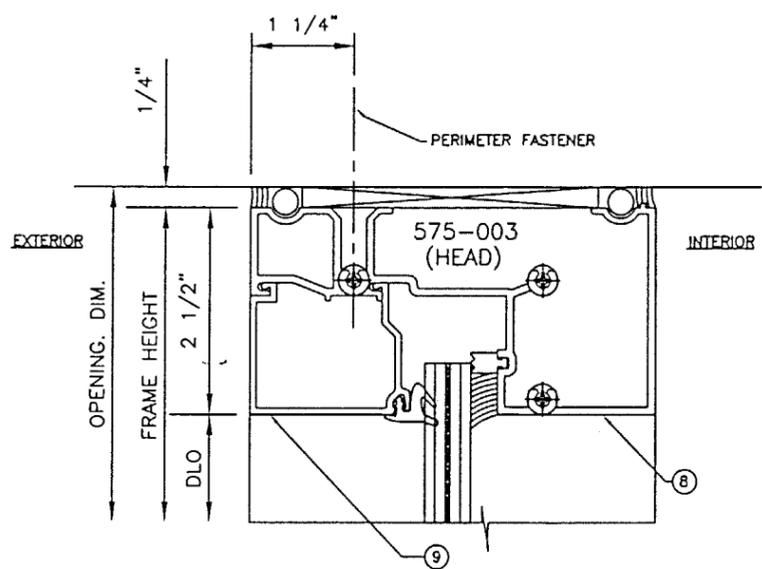
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SHEET 3a of 7 T575-802-3A.DWG

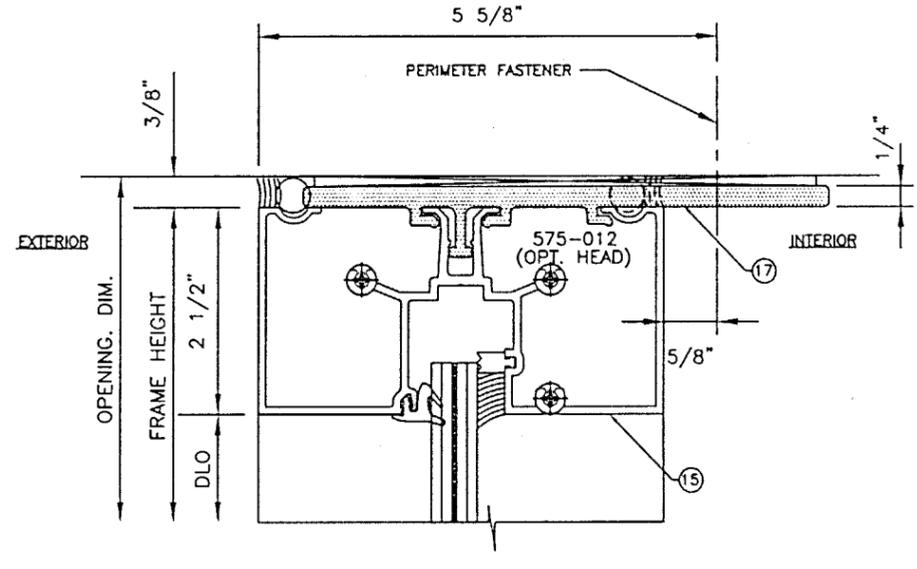
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1A



1B



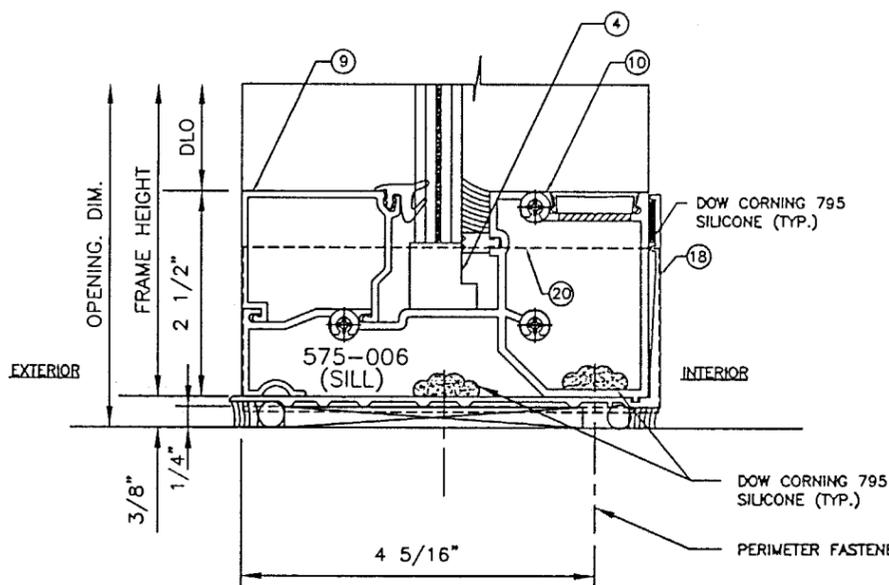
1C

DOW CORNING 983 OR 995 SILICONE
MIN. 1/4" DEEP X 1/2" HIGH
(TYP.)

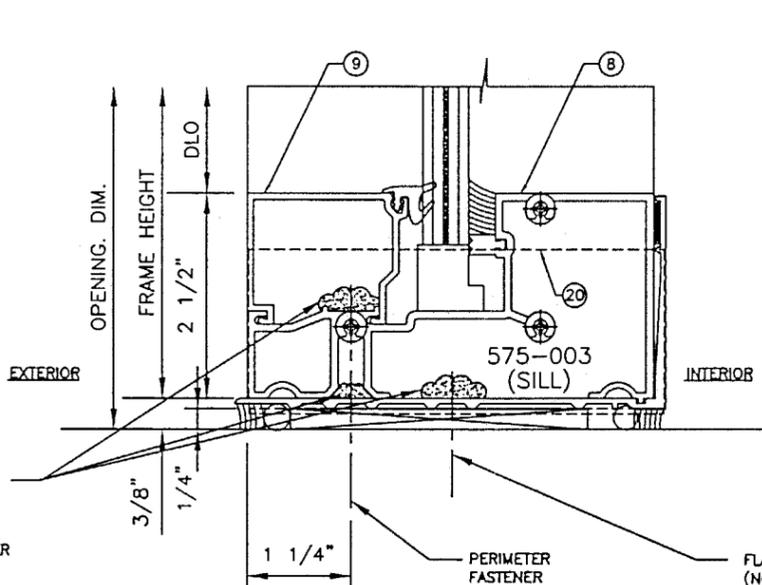
9/16" (NOMINAL) SAF-GLAS
BY SECURITY IMPACT GLASS
(TYP.)

* (21) TYP. (9) ALL SPLINE CONNECTIONS

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

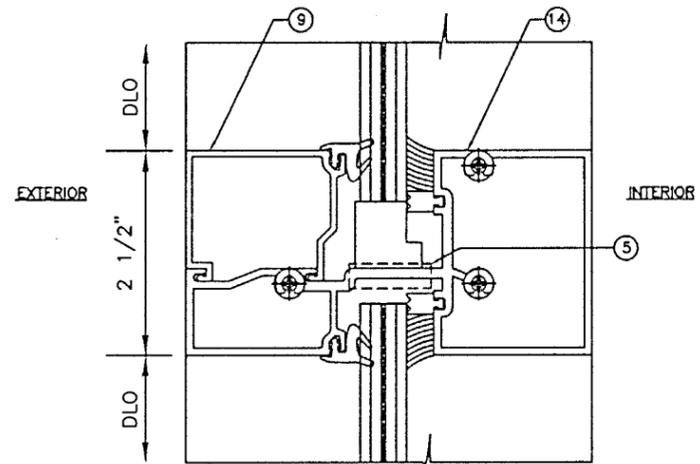


2A



2B

FLASHING ATTACHMENT FASTENER
(NON-STRUCTURAL)
6" FROM EACH END AND MAX. 36" O.C.
WOOD: #12 x 1-1/2" WOOD SCREW OR SMS
CONCRETE/CBS: 1/4" x 1-1/4" TAPCON
STEEL: 1/4-20 x 1" SELF DRILLING
(TYPICAL (9) ALL SILLS)



3

| NO. | DESCRIPTION OF REVISION | DATE | REV. | E.C. NO. | BY |
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SOUTH FLORIDA BUILDING CODE
DATE June 14, 2001
BY Isaac I. Chauda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1210.02

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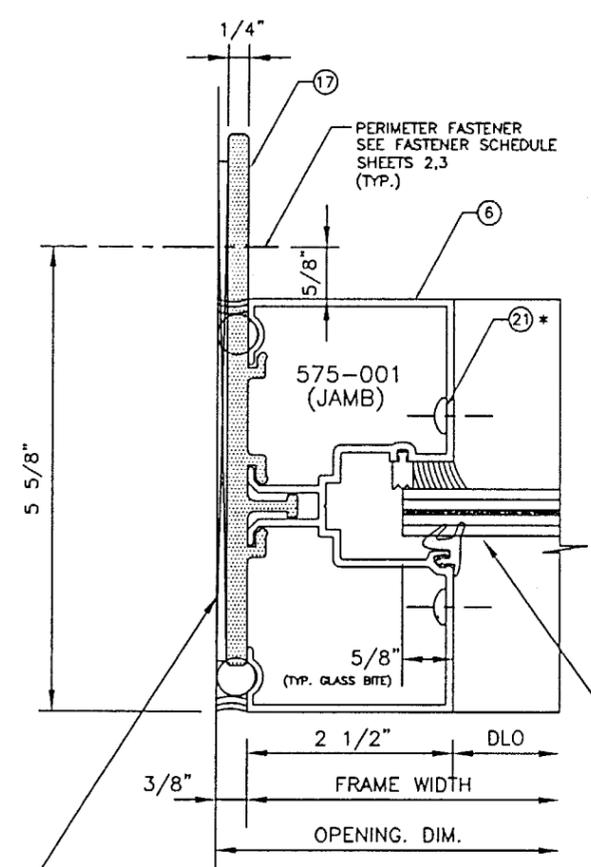
DESCRIPTION
PRODUCT APPROVAL DRAWINGS
KAWNEER IR 500 - L. M. IMPACT
SECURITY IMPACT SAF-GLAS
PROTOCOLS PA 201/202/203

DRAWN BY JME DATE 5-1-01

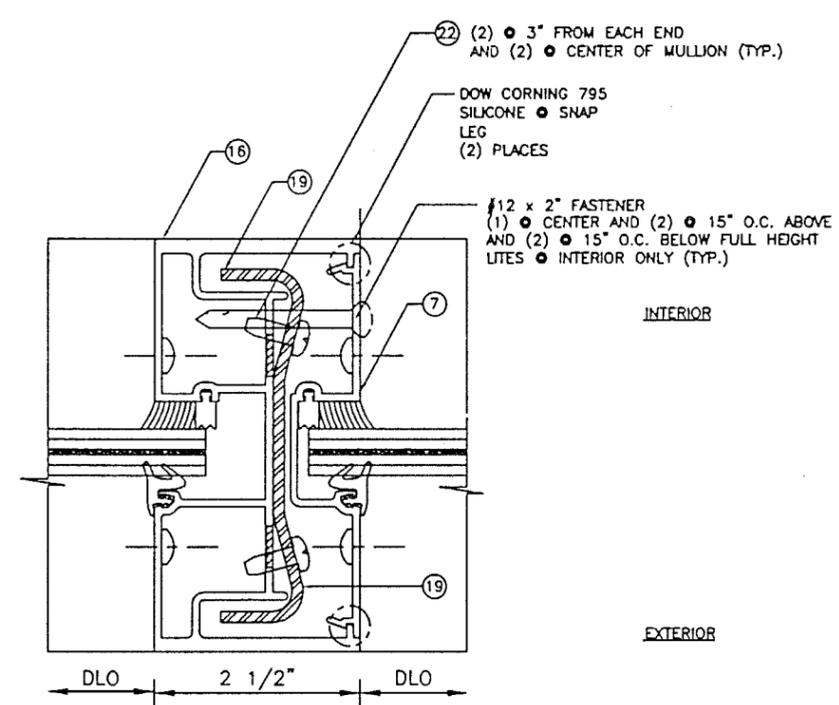
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SHEET 5 of 7 T575-802-5.DWG

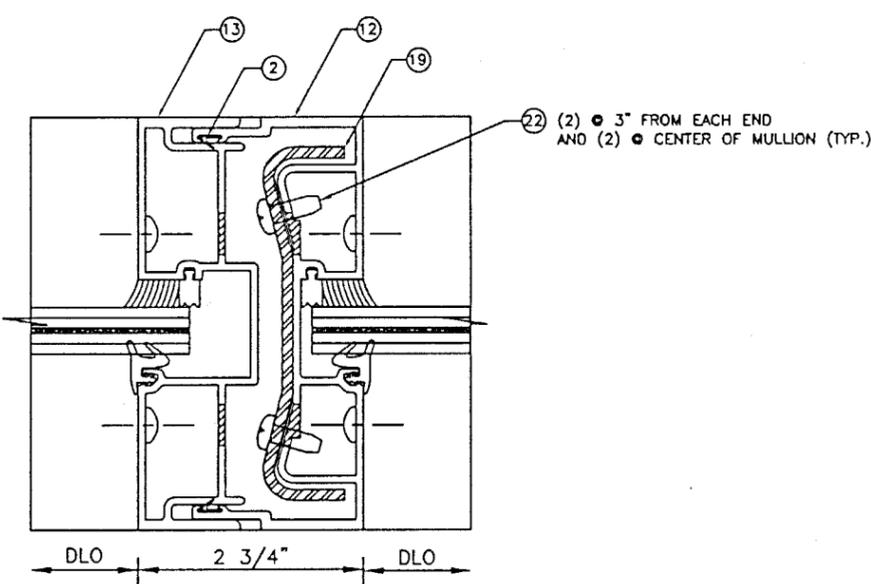
SCALE:



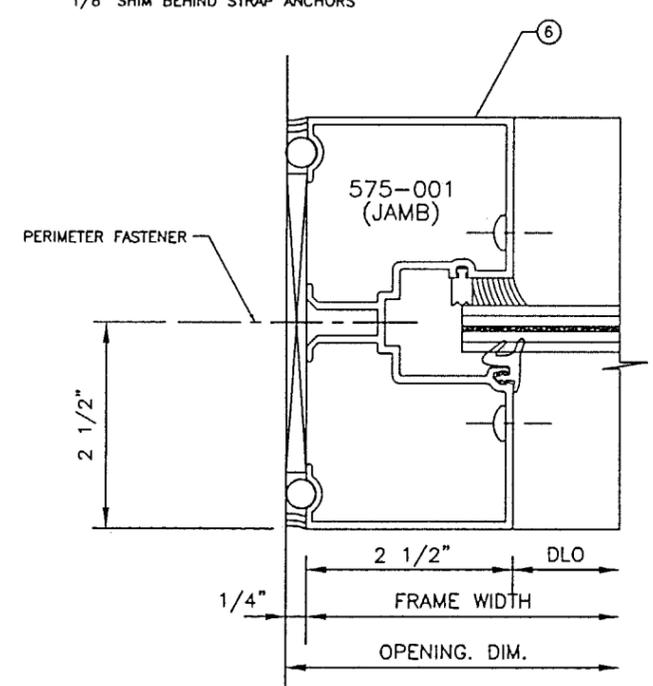
4A



5
STANDARD MULLION



6
EXPANSION MULLION



4B

* (21) TYP. @ ALL SPLINE CONNECTIONS

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

SCALE:

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APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE June 14, 2001
 BY Iskag I. Zhand
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1210.02

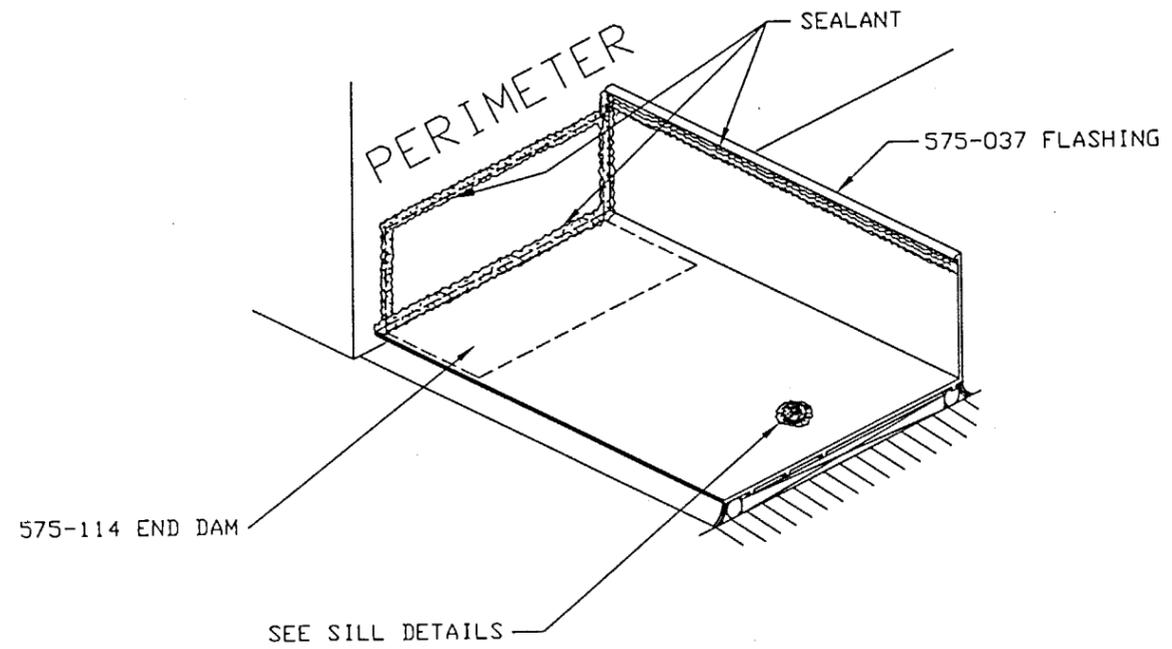
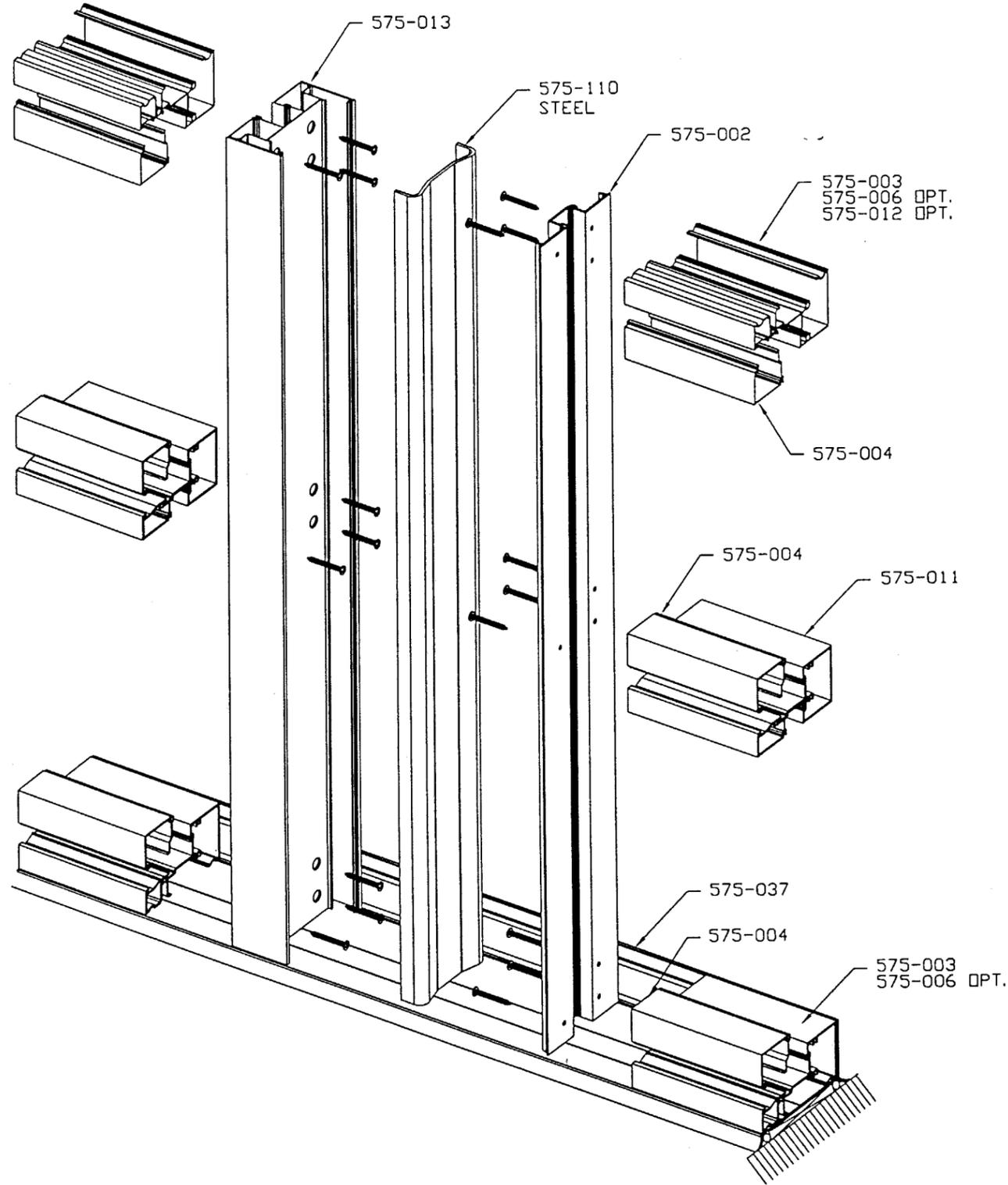
Kawneer
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DESCRIPTION
 PRODUCT APPROVAL DRAWINGS
 KAWNEER IR 500 - L. M. IMPACT
 SECURITY IMPACT SAF-GLAS
 PROTOCOLS PA 201/202/203

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 DRWG. NO. T575-802
 SHEET 6 of 7 T575-802-6.DWG

STANDARD MULLION



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 DATE June 14, 2001
 BY Sheq. I. Charles
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1210.01

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 KAWNEER IR 500 - L. M. IMPACT
 SECURITY IMPACT SAF-GLAS
 PROTOCOLS PA 201/202/203

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 SHEET 7 of 7 T575-802-7.DWG

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