



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 "HPS Slider" Aluminum Sliding Glass Door - Small Missile Impact Resistant

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.: 01-0228.03
EXPIRES: 05/14/2006

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: 05/17/2001

Kawneer Company, Inc.

ACCEPTANCE No.: 01-0228.03

APPROVED : MAY 17 2001

EXPIRES : May 14, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This renews the Notice of Acceptance, No. 99-0902.05, which was issued on March 03, 2000. This approves an aluminum sliding glass door, 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 "HPS Slider" Aluminum Sliding Glass Door – Small Missile Impact Resistant and its components shall be constructed in strict compliance with the following documents: Drawing No J715-DC, Sheets 1 through 10 of 10, titled "HPS Slider – OXXO, OXO, OX, XO Thin Wall Interlocks with Steel", prepared by manufacturer, dated 6/12/97, with revision 3 dated 2/22/99, 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 single unit applications only, as shown in approved drawings.
3.2 Head receptor is not allowed to be used in this installation.

4. INSTALLATION

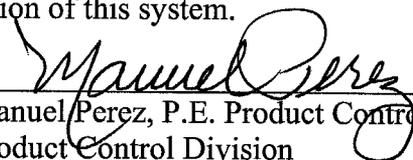
4.1 The aluminum sliding glass door and its components shall be installed in strict compliance with the approved drawings.
4.2 Hurricane protection system (shutters): The installation of this unit up to 30 feet above grade, will require a hurricane protection system, but for installations above 30 feet above grade 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.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

Kawneer Company, Inc.

ACCEPTANCE No.: 01-0228.03

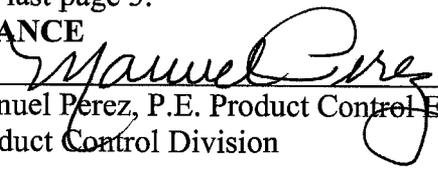
APPROVED : MAY 17 2001

EXPIRES : May 14, 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 documents, 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 Approval", 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 purposes.
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.

END OF THIS ACCEPTANCE


Manuel Perez, P.E. Product Control Examiner
Product Control Division

Kawneer Company, Inc.

ACCEPTANCE No.: 01-0228.03

APPROVED : MAY 17 2001

EXPIRES : May 14, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **J715-DC**, Sheets 1 through 10 of 10, titled "HPS Slider – OXXO, OXO, OX, XO Thin Wall Interlocks with Steel", prepared by manufacturer, dated 6/12/97, with revision 3 dated 2/22/99.

B. TESTS

(Test submitted under Product Approval No. 97-0731.05)

1. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Small Missile Impact Test per SFBC, PA 201-94, (5/16" ss ball bearings)
 - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
 - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with installation diagram an aluminum sliding glass door OXO, XO, & OX, prepared by American Test Lab of South Florida, Test Report No. **ATL-1121.01-96**, dated 4/25/96, signed and sealed by William R. Mehner, P.E.

(Test submitted under this Revision file No. 99-0902.05)

2. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Small Missile Impact Test per SFBC, PA 201-94, (5/16" ss ball bearings)
 - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
 - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with installation diagram an aluminum sliding glass door – OXXO , prepared by American Test Lab of South Florida, Test Report No. **ATL-0129.01-99**, dated 3/18/99, signed and sealed by William R. Mehner, P.E.

C. CALCULATIONS

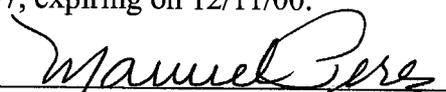
(Submitted under Product Approval No. 97-0731.05 and 99-0902.05)

1. Revised Anchor calculations, prepared by Robt. E. Fisher – Wm. M. Meyers, P.E. Consulting Engineers, dated 8/01/99, signed and sealed by William M. Meyers, P.E.

D. MATERIAL CERTIFICATIONS

(Submitted under Product Approval No. 97-0731.05)

1. Notice of Acceptance No. **96-0904.06** issued to E.I. DuPont DeNemours for "Laminated Glass with Butalite as Interlayer" dated 12/11/97, expiring on 12/11/00.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

Kawneer Company, Inc.

ACCEPTANCE No.: 01-0228.03

APPROVED : MAY 17 2001

EXPIRES : May 14, 2006

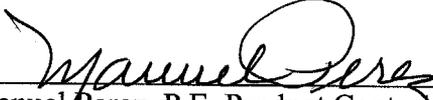
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA.)

E. STATEMENTS

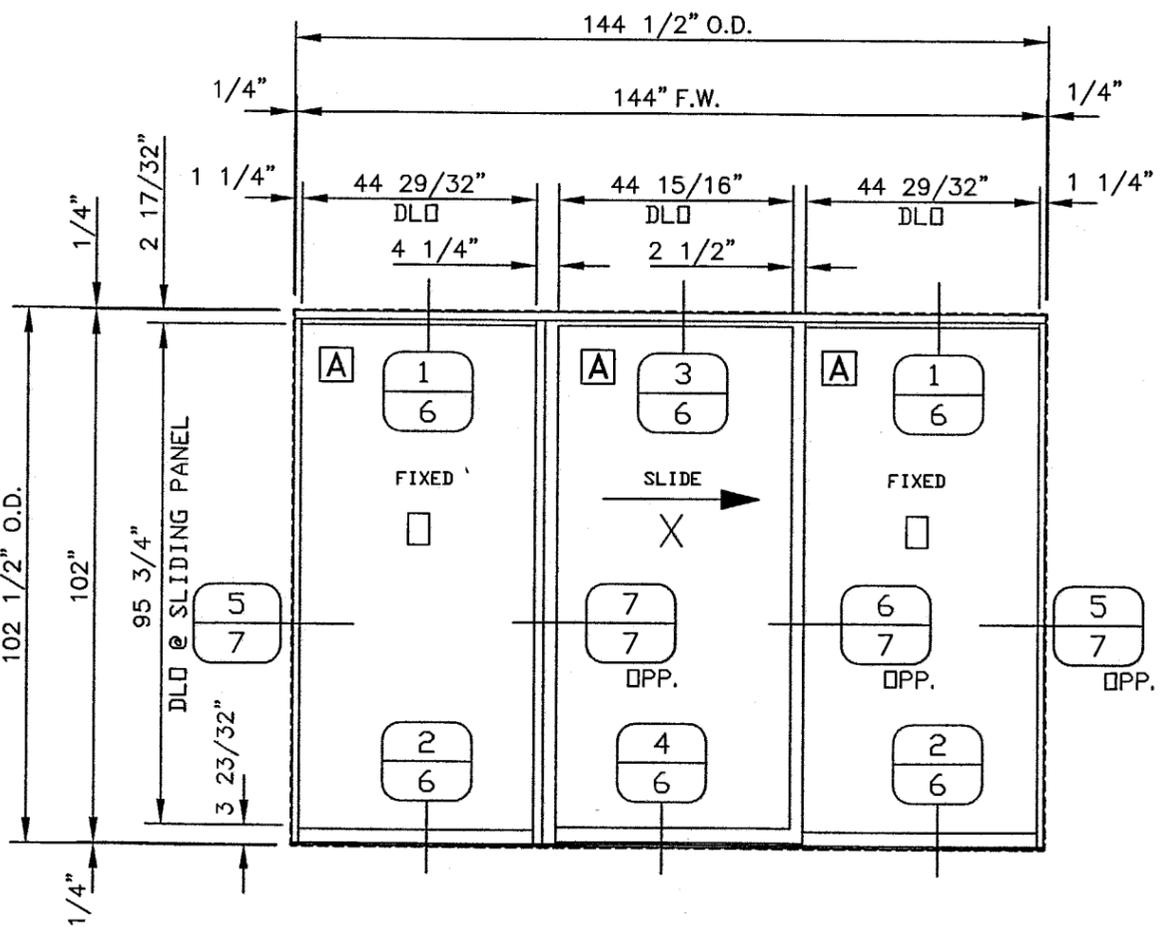
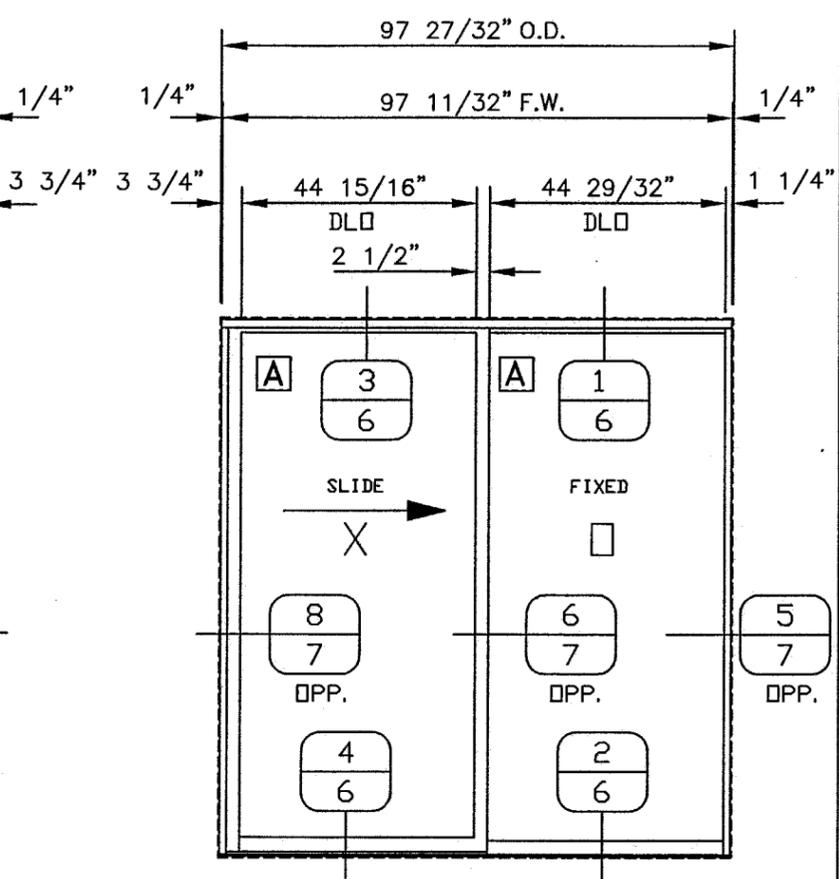
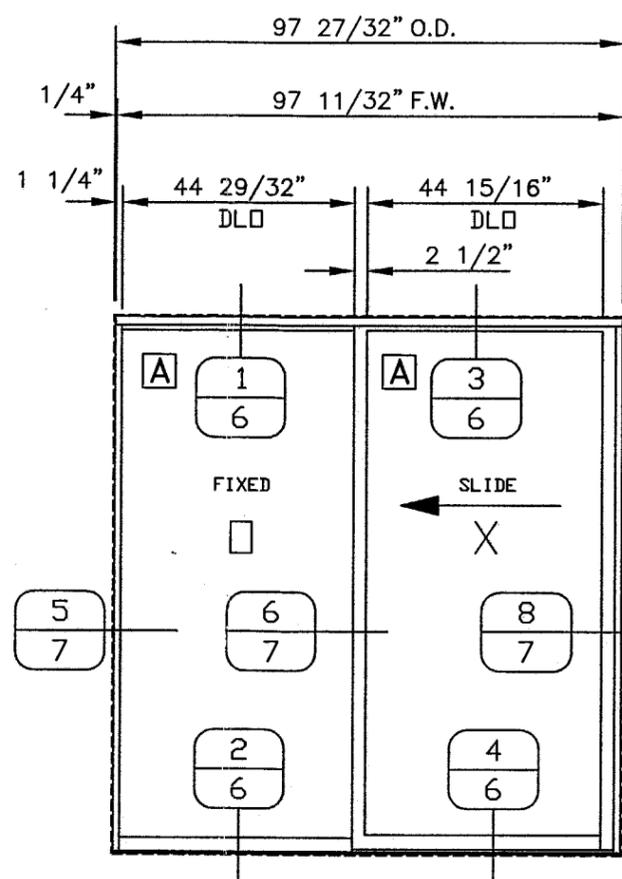
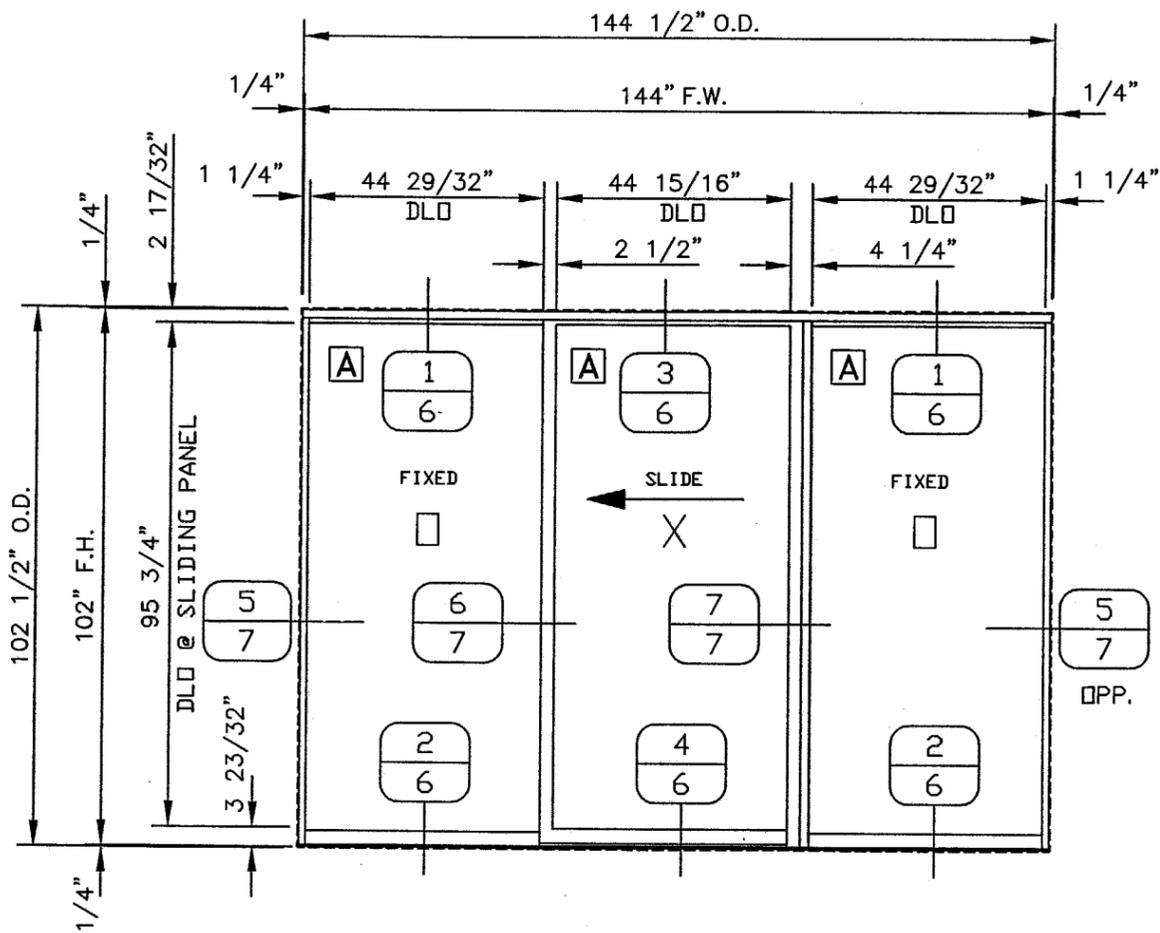
1. Statement letter of conformance, dated Aug. 1, 1999, signed by William M. Meyers, P.E.
2. Statement letter of no financial interest, dated Aug. 1, 1999, signed William M. Meyers, P.E.
3. Letter from Kawneer Co. dated Feb. 26, 2001, stating that the product has not changed since it was originally approved.

F. OTHERS

1. Notice of Acceptance No. **99-0902.05** issued to Kawneer Company, Inc. for their Series HPS Slider Aluminum Glass Doors – Small Missile Impact Resistant, dated 03/03/00, expiring on 05/14/01.



Manuel Perez, P.E. Product Control Examiner
Product Control Division



GLAZING SCHEDULE	
[A]	= 9/16" LAMINATED GLASS: 1/4" HEAT STRENGTHENED OUTBOARD LITE / .090 BUTACITE INTERLAYER (BY DUPONT) / 1/4" TEMPERED INBOARD LITE
O	PANEL GLASS SIZE = 45-25/32" x 97-1/4"
X	PANEL GLASS SIZE = 45-25/32" x 96-5/8"

DESIGN PRESSURE (OX, XO, OXO) = +100 PSF / -125 PSF

DESIGN PRESSURE (OXXO) = +/- 100 PSF

NO.	DATE	DESCRIPTION OF REVISION	BY
3	2-22-99	REVISED TO ADD OXXO CONFIGURATION	JME
2	4-21-98	REVISED PER DADE COUNTY	JME
1	4-1-98	NO CHANGE	JME

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE **MAY 17 2001**
 BY *Manuel Perry*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **01-0228.03**

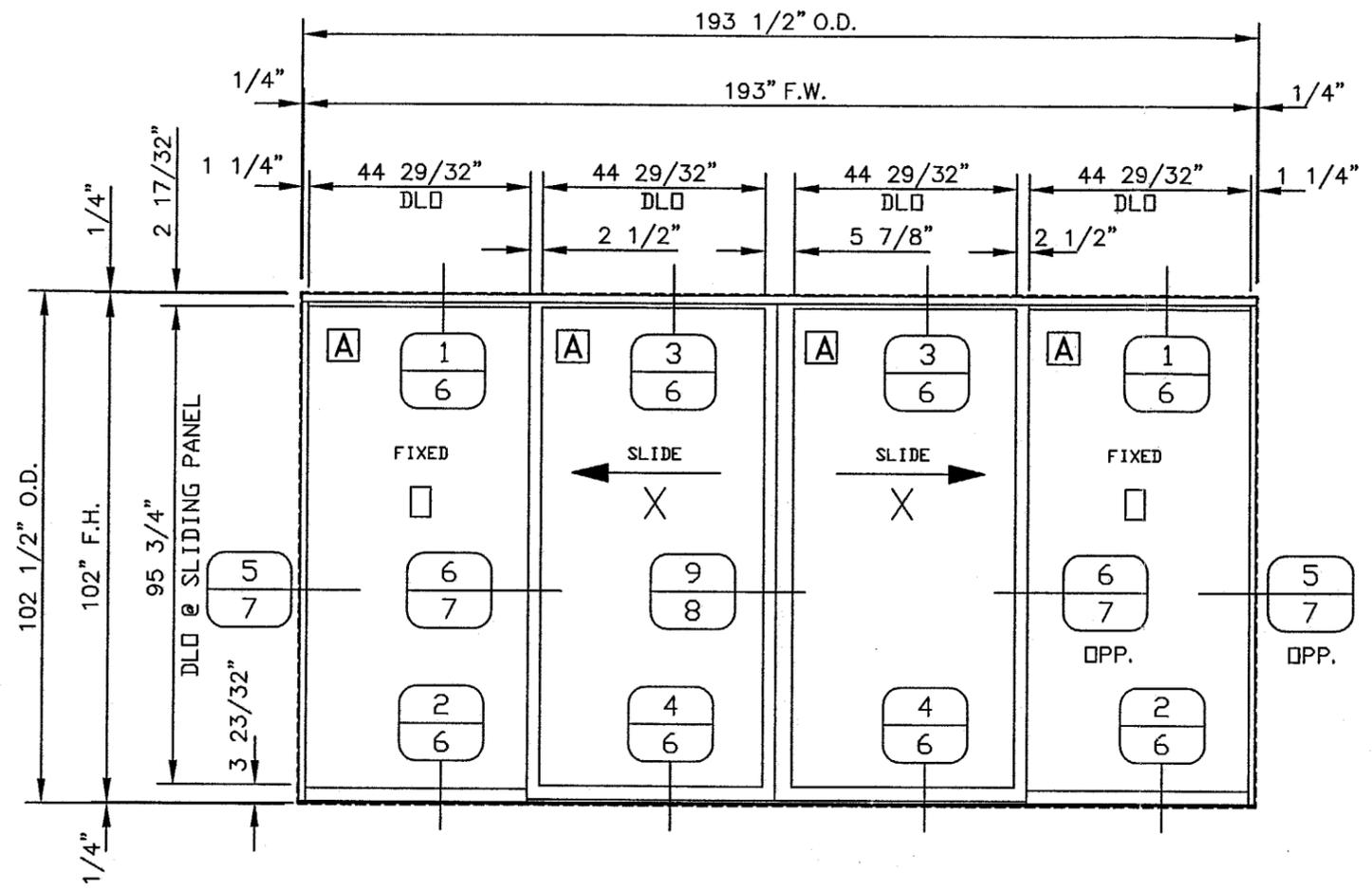
Kawneer
 ARCHITECTURAL PRODUCTS
 P. O. BOX 516
 JONESBORO, GEORGIA 30236
 PHONE (770) 478-8841
 FAX (770) 603-4558

THIS DRAWING IS FOR THE EXPRESS PURPOSE OF PRODUCT APPROVAL BY DADE COUNTY, FL

DESCRIPTION DADE CTY CERTIFICATION UNITS HPS SLIDER - OXXO, OXO, OX, XO THIN WALL INTERLOCKS W/STEEL PROTOCOLS PA 201/202/203-94	DRAWN BY JME	DATE 6-12-97
SD-86083	K# 42-42-139939-00-0	
SHEET 1 of 10	J715DC1.DWG M:\ENG_DWG\SFL	

SCALE: 1/2" = 1'-0"

01-0228.03



GLAZING SCHEDULE	
[A]	= 9/16" LAMINATED GLASS: 1/4" HEAT STRENGTHENED OUTBOARD LITE / .090 BUTACITE INTERLAYER (BY DUPONT) / 1/4" TEMPERED INBOARD LITE
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1	4-1-98	NO CHANGE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE **MAY 17 2001**
 BY *Mamie Perry*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0228.03

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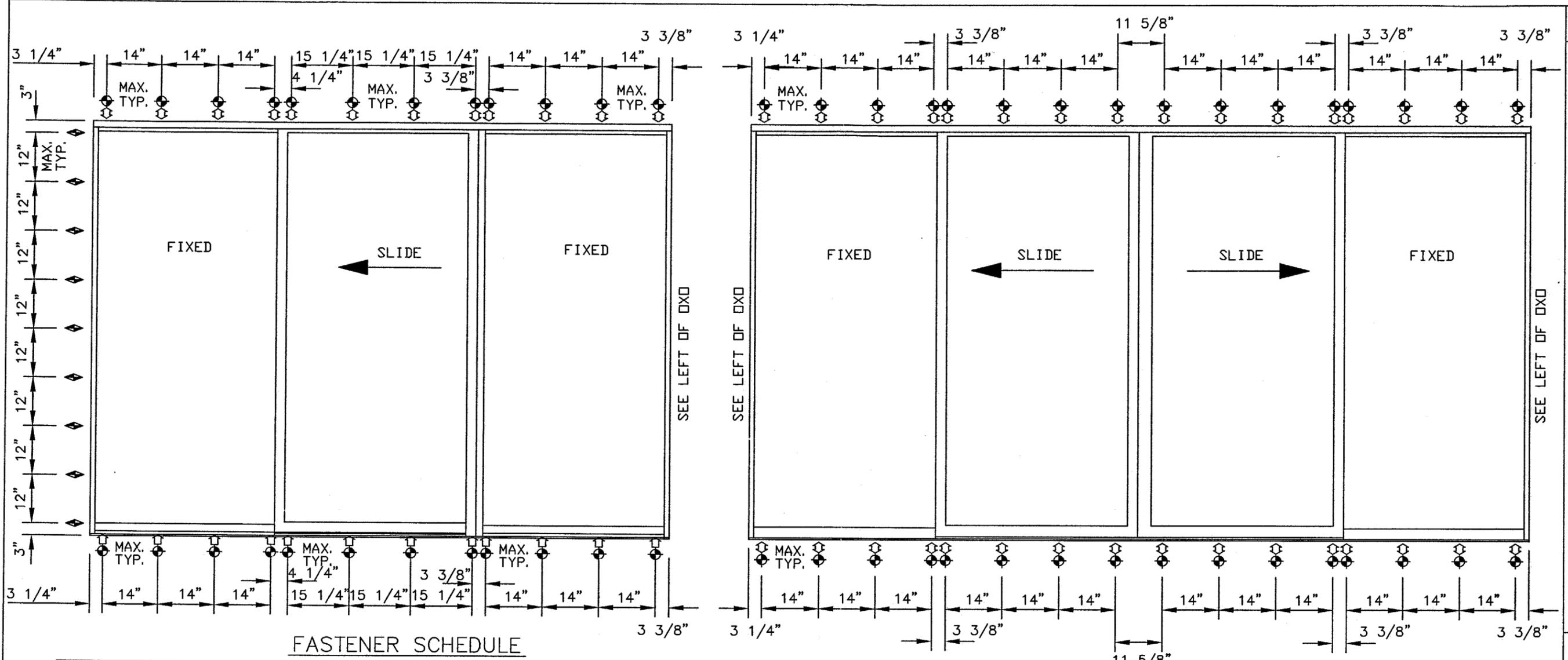
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DESCRIPTION
 DADE CTY CERTIFICATION UNITS
 HPS SLIDER - OXXO, OXO, OX, XO
 THIN WALL INTERLOCKS W/STEEL
 PROTOCOLS PA 201/202/203-94

DRAWN BY JME DATE 6-12-97
 DRWG. NO. J715-DC
 SHEET J715DC2.DWG
 2 of 10 M:\ENG_DWG\SFL

SCALE: 1/2" = 1'-0"

SD-86083 K# 42-42-139939-00-0



FASTENER SCHEDULE

NUMBER	MATERIAL	DESCRIPTION	SUBSTRATE	MIN. EMBEDMENT	MAX. SPACING
128-386	STAINLESS STEEL	#12 X 2" TYPE 1 CROSS RECESSED PAN HEAD THREAD FORMING SCREW - TYPE AB	WOOD	MIN. 7 x DIAMETER	SEE ELEVATION
TEKS2		#12 X 1 1/4" HEX WASHER HEAD TEKS2	STEEL	1/8" MIN. THICKNESS	SEE ELEVATION
HW4-214		1/4" X 2 1/4" HEX WASHER HEAD TAPCON	CONCRETE (3000 PSI)	1-1/2"	SEE ELEVATION
HW4-214		1/4" X 2 1/4" HEX WASHER HEAD TAPCON	CBS	1-1/2"	SEE ELEVATION
128-107	STAINLESS STEEL	#12-24 X 3/4" TYPE 1 CROSS RECESSED FLAT HEAD THREAD CUTTING SCREW - TYPE D			
128-306	STAINLESS STEEL	1/4-20 X 5/8" TYPE 1 CROSS RECESSED FLAT HEAD MACHINE SCREW			
28-848	STAINLESS STEEL	#12-24 X 9/16" TYPE 1 CROSS RECESSED FLAT HEAD MACHINE SCREW WITH NYLOCK PATCH			
128-386	STAINLESS STEEL	#12 X 2" TYPE 1 CROSS RECESSED PAN HEAD THREAD FORMING SCREW -	SPLINE SCREW		
128-403	STAINLESS STEEL	#12-24 X 9/16" TYPE 1 CROSS RECESSED FLAT HEAD MACHINE SCREW			
128-316	PLATED STEEL	5/16-18 X 7/8" HEXAGON SOCKET FLAT HEAD CAP SCREW			

PERIMETER FASTENER LOCATIONS

- ◆ = PERIMETER FASTENERS AT JAMBS
- ⊕ = PERIMETER FASTENERS AT HEAD AND SILL
- ⊕ (2) FASTENERS REQUIRED AT EACH LOCATION

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE **MAY 17 2001** BY *Manuel Perez* PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 01-0228.03

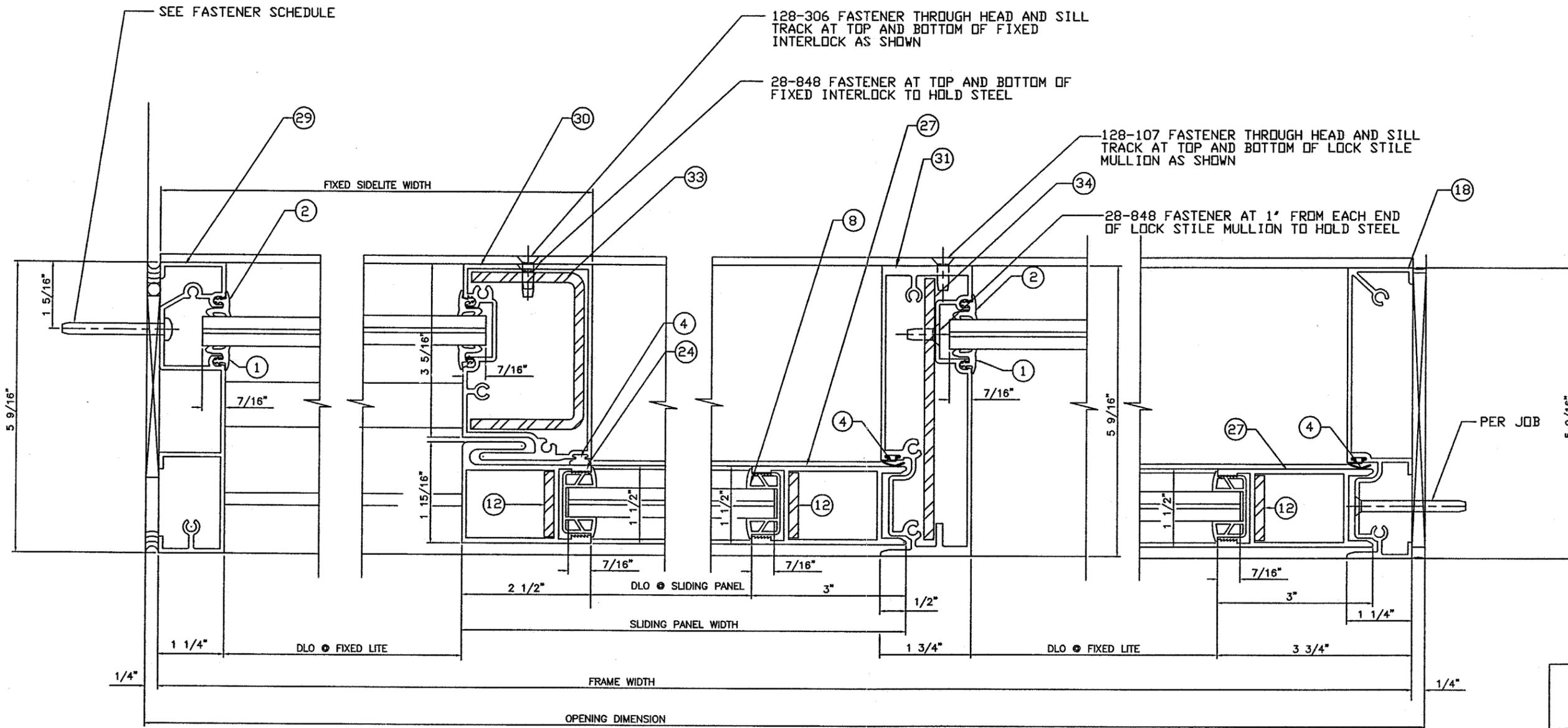
Kawneer
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 JONESBORO, GEORGIA 30236
 PHONE (770) 478-8841
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DESCRIPTION DADE CTY CERTIFICATION UNITS HPS SLIDER - OXXO, OXO, OX, XO THIN WALL INTERLOCKS W/STEEL PROTOCOLS PA 201/202/203-94	DRAWN BY JME	DATE 6-12-97
SD-86083	SHEET 3 of 10	
K# 42-42-139939-00-0	J715-DC # VENG_DWG\SFL	

SCALE: 1" = 1'-0"

JME	DLB/JME	BY
3	1	DATE
2-22-99	4-1-98	NO.
REVISED TO ADD OXXO CONFIGURATION		
REVISED PER DADE COUNTY & CALCULATIONS		
DESCRIPTION OF REVISION		



5

6

7

8

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE **MAY 17 2001**
 BY *Manuel Perez*
 PRODUCT CONTROL DIVISION
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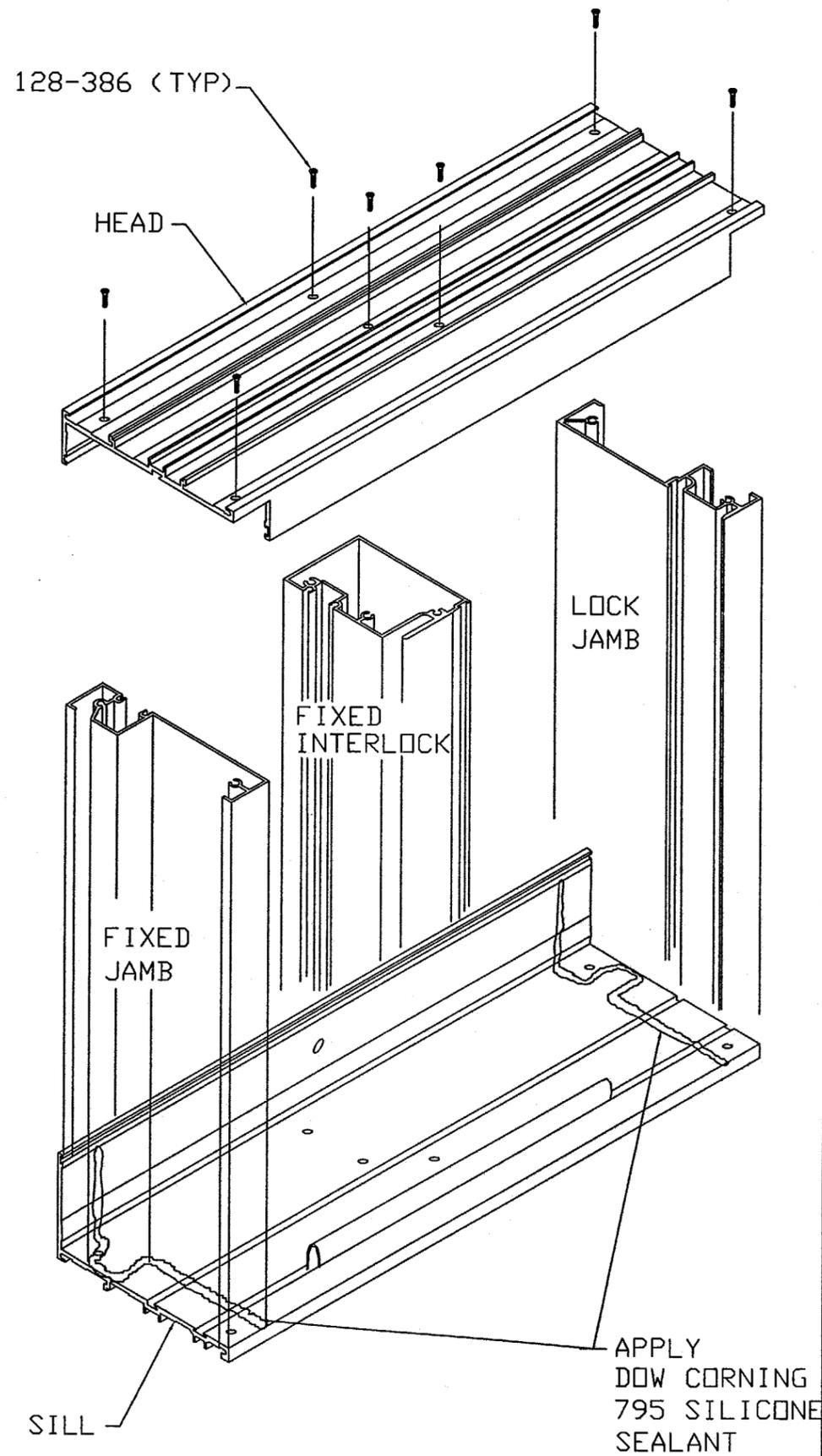
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DESCRIPTION	DADE CTY CERTIFICATION UNITS HPS SLIDER - OXXO, OXO, OX, XO THIN WALL INTERLOCKS W/STEEL PROTOCOLS PA 201/202/203-94	DRWN BY	JME	DATE	6-12-97
DRWG. NO.	J715-DC	SHEET	J715DC7.DWG	7 of 10	
SCALE	FULL	SD-86083	K# 42-42-139939-00-0	M:\ENG_DWG\SFL	

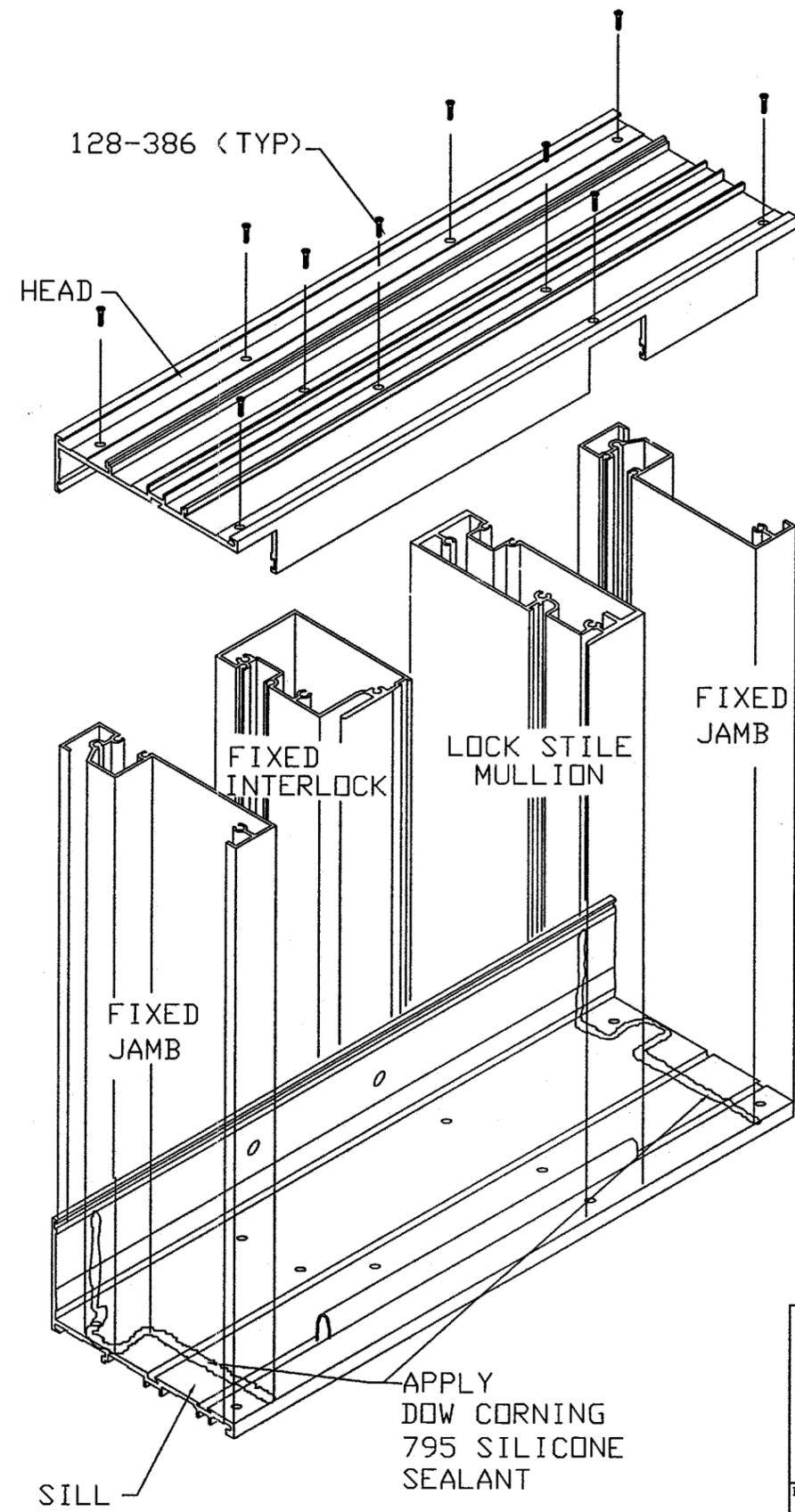
NO.	DATE	DESCRIPTION OF REVISION
3	2-22-99	REVISED TO ADD OXXO CONFIGURATION
1	4-1-98	REVISED PER DADE COUNTY & CALCULATIONS

JME
DLB/JME
BY

FRAME CONSTRUCTION



OX, XO, OXXO (SIM.)



OXO

SCALE: FULL

NO.	DATE	DESCRIPTION OF REVISION
3	2-22-99	REVISED TO ADD OXXO CONFIGURATION
1	4-1-98	REVISED PER DADE COUNTY & CALCULATIONS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE **MAY 17 2001**
 BY *Mauro Suez*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **01-0228.03**

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DESCRIPTION
 DADE CTY CERTIFICATION UNITS
 HPS SLIDER - OXXO, OXO, OX, XO
 THIN WALL INTERLOCKS W/STEEL
 PROTOCOLS PA 201/202/203-94

DRAWN BY DLB/JME DATE 4-1-98

DRWG. NO. J715-DC

SHEET 9 of 10 J715DC9.DWG M:\ENG_DWG\SFL

SD-86083 K# 42-42-139939-00-0

