



**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)

**Andersen Corporation
100 Fourth Avenue North
Bayport, MN 55003-1096**

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: Narrow Steel Mullion-Impact

APPROVAL DOCUMENT: Drawing No. Dade-Steel, titled "Mulling Combinations Steel Mullions", sheets 1 through 7 of 7, prepared by Richard Boyette, P.E., dated 1/24/00, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

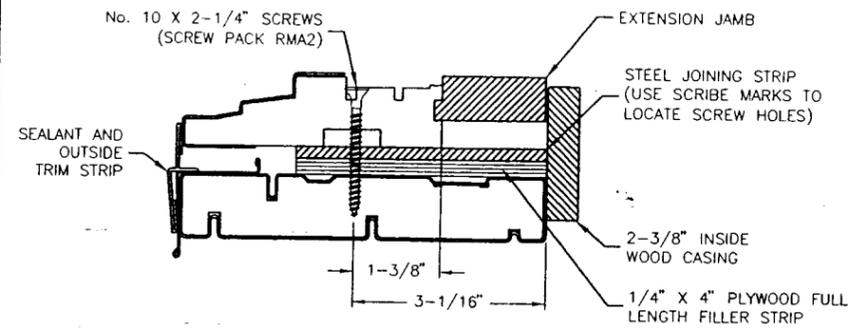
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

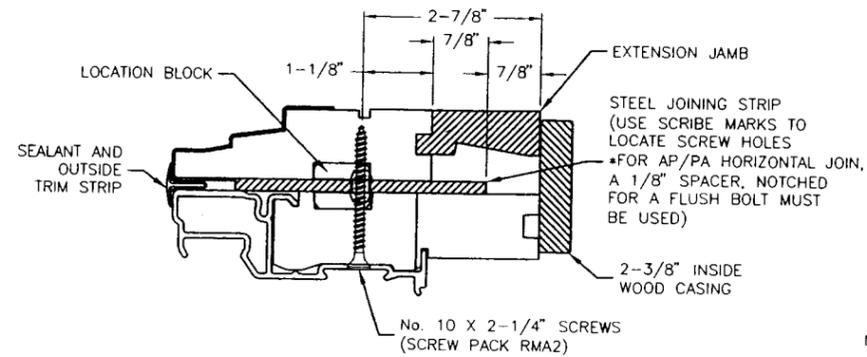
This NOA **renews NOA #00-0929.09** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**



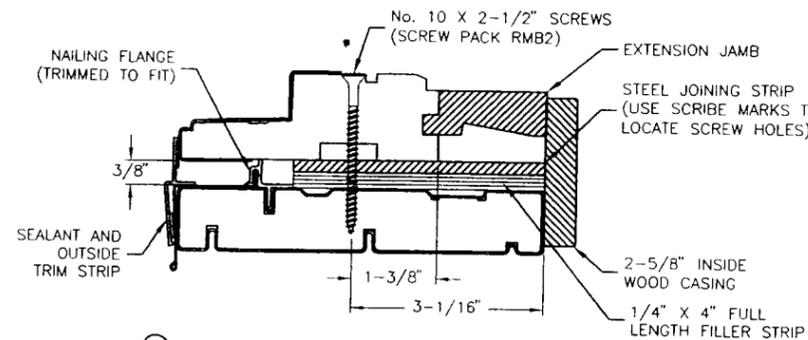
**NOA No 02-0423.01
Expiration Date: May 02, 2007
Approval Date: May 23, 2002
Page 1**



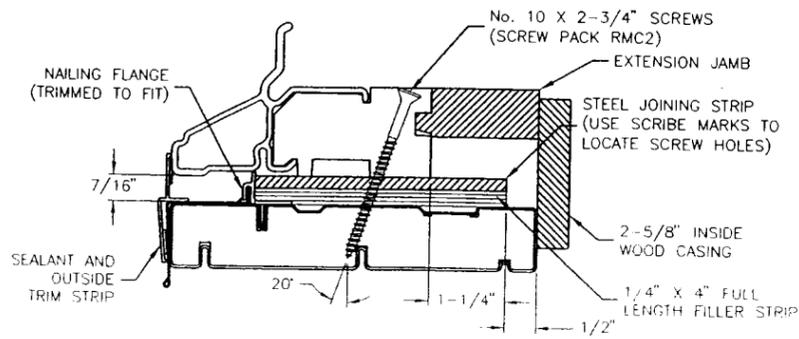
8 AWNING TO GLIDING DOOR - HORIZONTAL JOIN



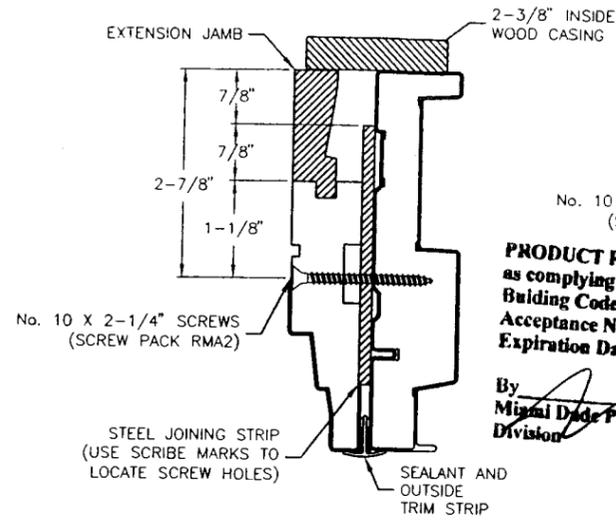
9 AWNING TO HINGED DOOR - HORIZONTAL JOIN OR CASEMENT TO HINGED DOOR - VERTICAL JOIN



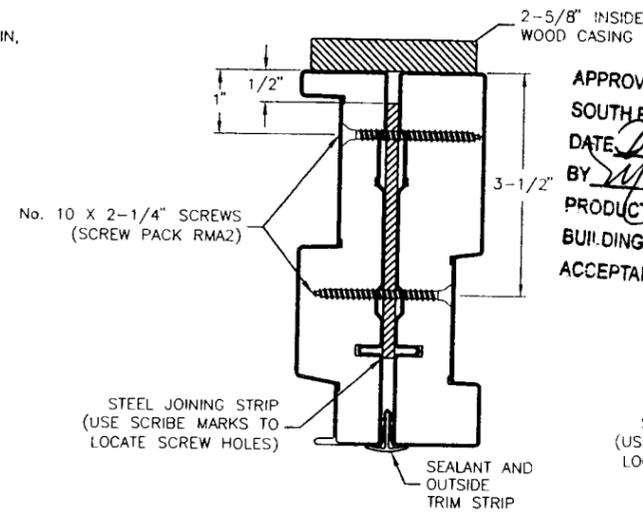
12 CASEMENT TO GLIDING DOOR - HORIZONTAL JOIN



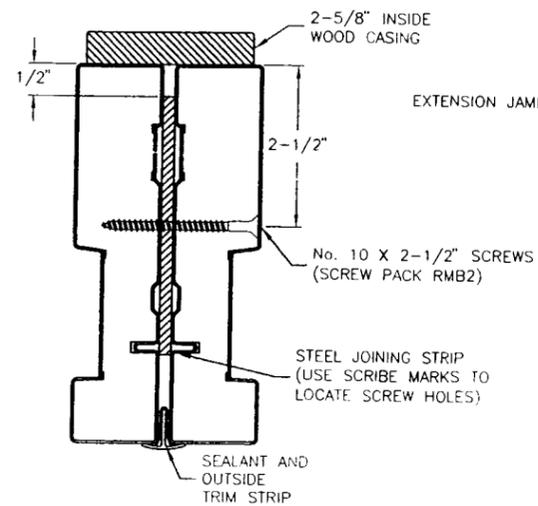
20 FLEXIFRAME TO GLIDING DOOR - HORIZONTAL JOIN



11 CASEMENT TO GLIDING DOOR - VERTICAL JOIN

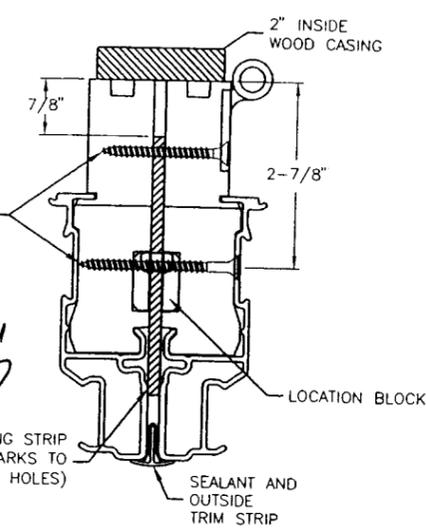


13 OPERATING GLIDING DOOR TO STATIONARY GLIDING DOOR OR SIDE LIGHT - VERTICAL JOIN



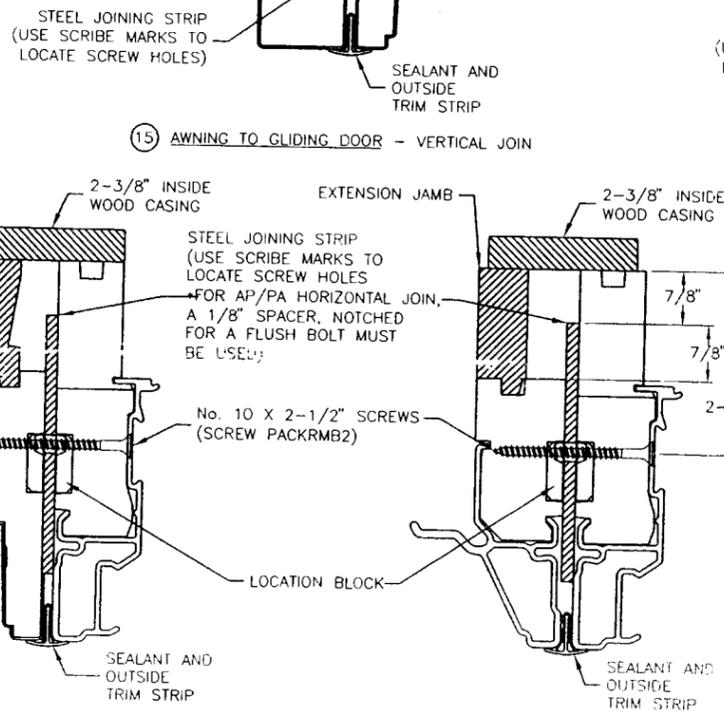
18 STATIONARY GLIDING DOOR/SIDE LIGHT TO STATIONARY GLIDING DOOR/SIDE LIGHT - VERTICAL JOIN

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-0423 01
Expiration Date 05/02/07
By *Miguel Dade Product Control Division*



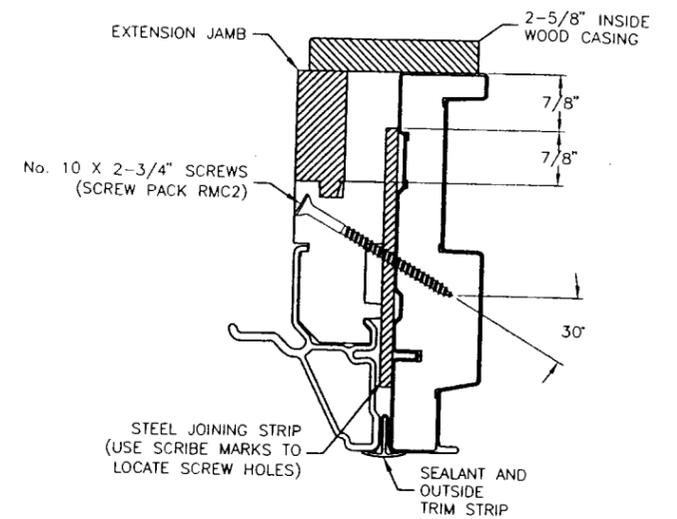
14 FRENCHWOOD HINGED TO FRENCHWOOD HINGED - VERTICAL JOIN

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE December 14, 2000
BY *Miguel Dade Product Control Division*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0929.09

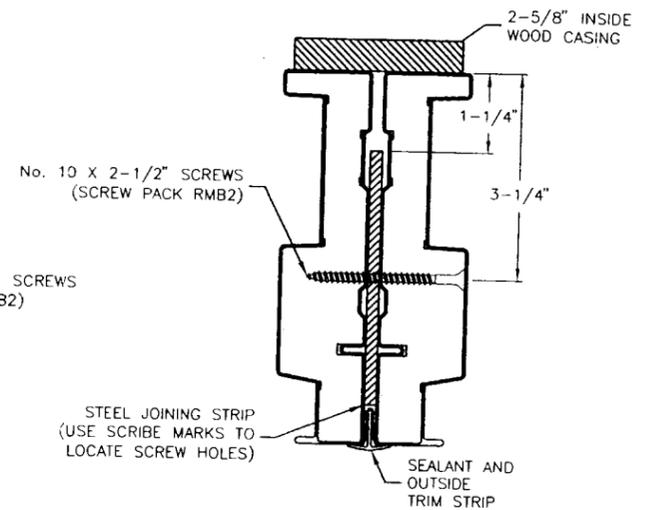


15 AWNING TO GLIDING DOOR - VERTICAL JOIN

19 CASEMENT TO FRENCHWOOD HINGE - HORIZONTAL JOIN OR AWNING TO FRENCHWOOD HINGED - VERTICAL JOIN



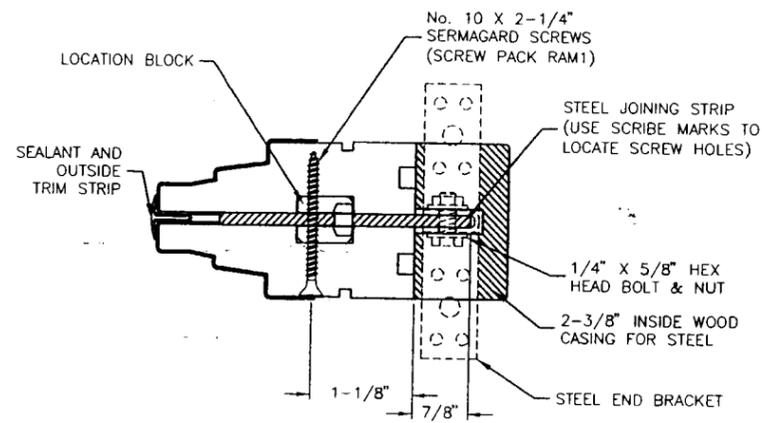
17 FLEXIFRAME TO GLIDING DOOR - VERTICAL JOIN



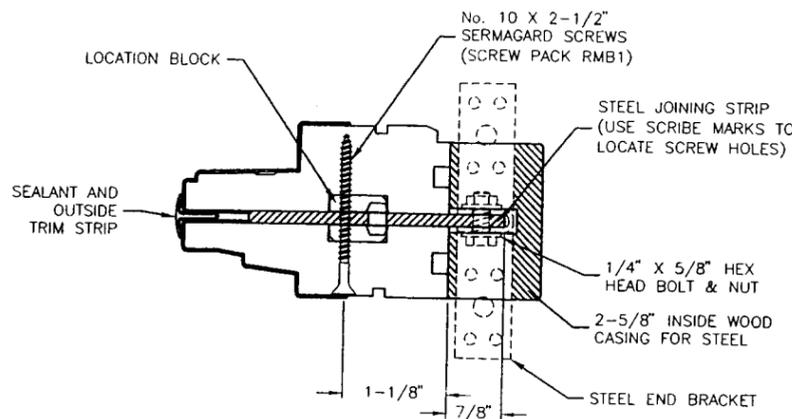
16 OPERATING GLIDING TO OPERATING GLIDING - VERTICAL JOIN

RICHARD COYETTE
FL 00009 912486
4910 Coconut Blvd
Royal Palm Beach, FL 33411
Tel: 561-988-1111
Fax: 561-988-1111
Richard Coyette
11/27/00

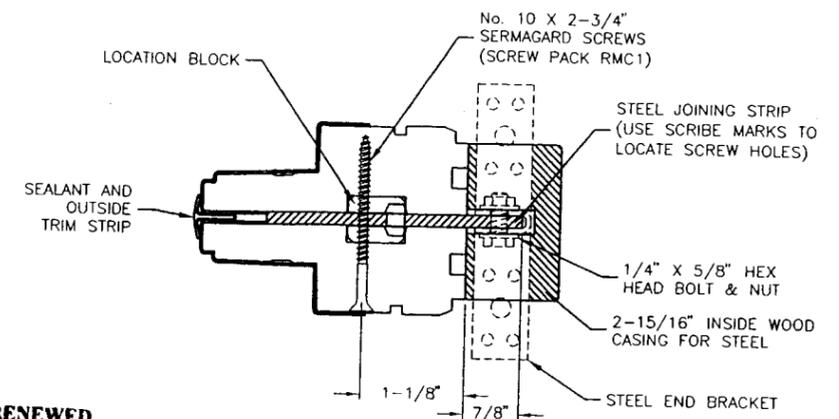
TITLE	
MULLING COMBINATIONS	
STEEL MULLIONS	
Andersen Corporation Boyet, Minnesota 55003	
THESE DRAWINGS ARE PROVIDED AS A SERVICE BY ANDERSEN CORPORATION FOR THE BENEFIT OF ITS CUSTOMERS. FINAL RESPONSIBILITY FOR ACCURACY OF DESIGN, FINAL SPECIFICATIONS, DRAWINGS AND FOR THE ACTUAL INSTALLATION SUGGESTED BY THESE DRAWINGS LIES WITH THE ARCHITECT, ENGINEER AND/OR CONTRACTOR.	
COPYRIGHT ANDERSEN CORPORATION 1998. ALL RIGHTS RESERVED.	
APPROVE/DATE	DRAWING NUMBER
1/24/00	DADD-STEEL
SHT. 1 OF 2	



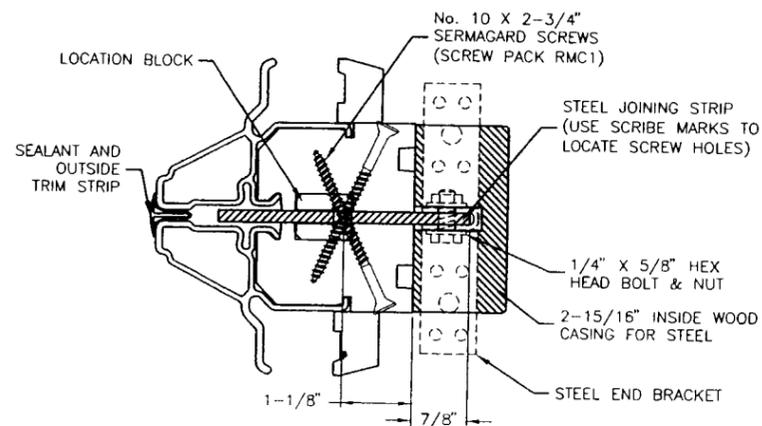
1 CASEMENT TO CASEMENT - VERTICAL JOIN
OR
AWNING TO AWNING - HORIZONTAL JOIN



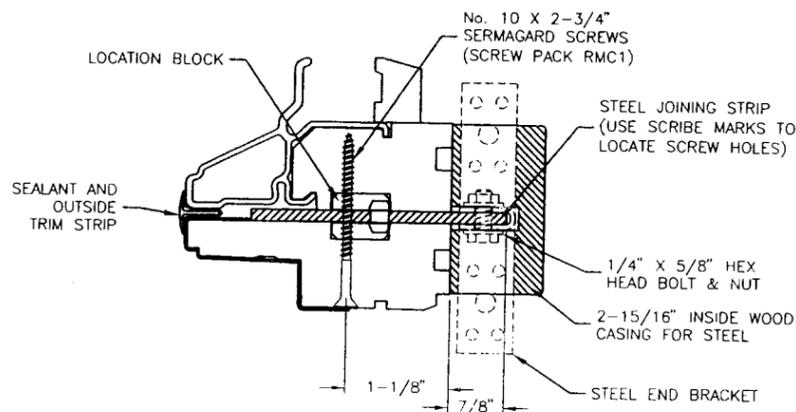
2 CASEMENT TO AWNING - HORIZONTAL OR VERTICAL JOIN



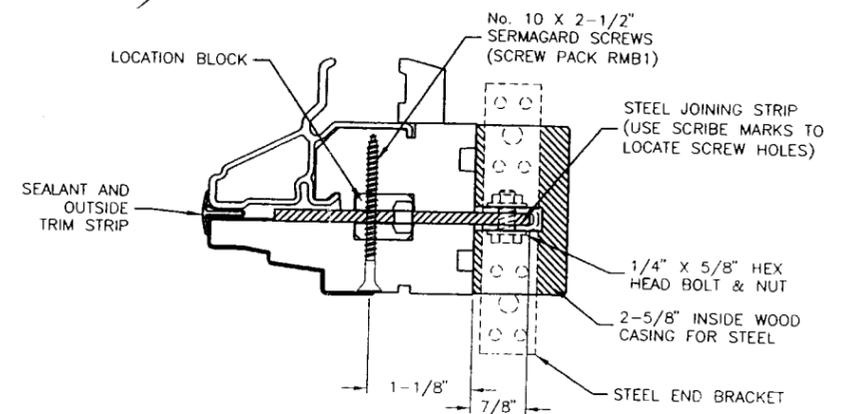
3 CASEMENT TO CASEMENT - HORIZONTAL JOIN
OR
AWNING TO AWNING - VERTICAL JOIN



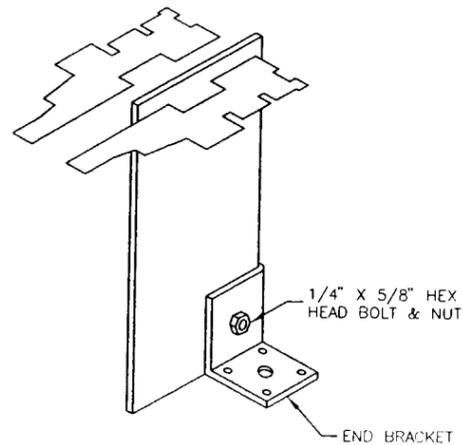
5 FLEXIFRAME TO FLEXIFRAME - HORIZONTAL OR VERTICAL JOIN



4 CASEMENT TO FLEXIFRAME - HORIZONTAL JOIN
OR
AWNING TO FLEXIFRAME - VERTICAL JOIN



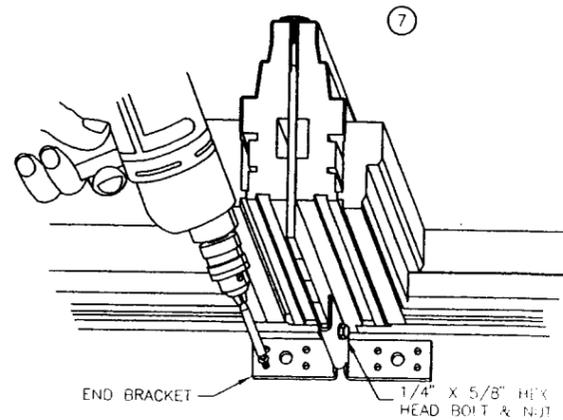
6 CASEMENT TO FLEXIFRAME - VERTICAL JOIN
OR
AWNING TO FLEXIFRAME - HORIZONTAL JOIN



ATTACH THE GUSSET PLATES TO THE UNIT ON BOTH ENDS OF THE STEEL JOINING STRIP WITH THE No. 10 X 5/8" GUSSET PLATE SCREWS PROVIDED.

21

INSTALL COMBINATION IN ROUGH OPENING



7

- #10 X 2-3/4" SERMAGARD SCREWS SPACED 1-1/2" FROM END & 8" ON CENTER OR AS PER WINDOW APPROVAL, WHICHEVER IS LESS.
- POSITION THE COMBINATION IN THE ROUGH OPENING. USE SHIMS AS NEEDED AROUND THE PERIMETER UNITS TO SQUARE AND LEVEL THE COMBINATION. ATTACH COMBINATION BY FASTENING THROUGH INSTALLATION FLANGES.
- SHIM AND SCREW THROUGH THE PERIMETER JAMBS INTO THE FRAMING EVERY 12" TO 16" WHERE POSSIBLE WITH EXTRA SCREWS PROVIDED.
- ATTACH EACH END BRACKET TO THE FRAMING MATERIAL WITH A MINIMUM OF FOUR No. 6 OR LARGER SCREWS. SHIM EACH END BRACKET AS NECESSARY TO MAINTAIN A PROPER FIT IN THE ROUGH OPENING. THE LARGE HOLE IN EACH WING OF THE END BRACKET CAN BE USED FOR MASONRY FASTENERS.
- TIGHTEN THE BOLTS IN EACH END BRACKET.
- IF YOU ARE USING PERIMETER EXTENSION JAMBS, NOTCH THE EXTENSION JAMB TO FIT AROUND THE SEAL REINFORCED JOINING STRIP. PRE-DRILL AND INSTALL THE INTERIOR ANDERSEN CASING FOR STEEL WITH 8d FINISH NAILS. (THIS WILL COVER THE NOTCHED AREA).

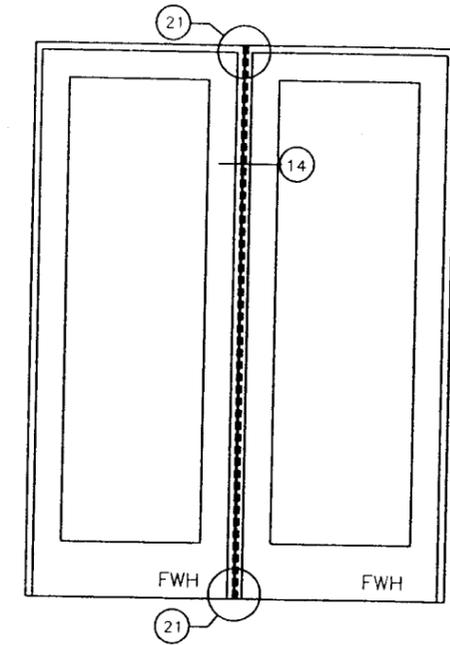
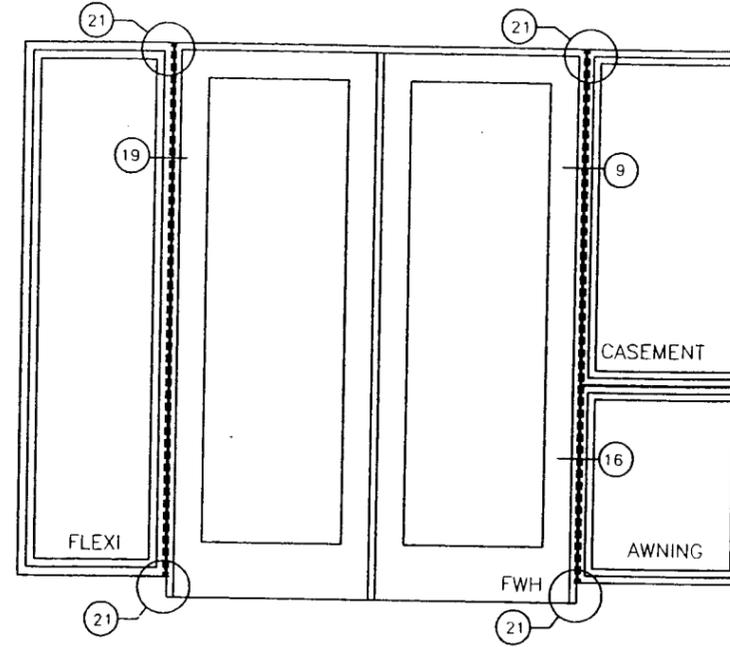
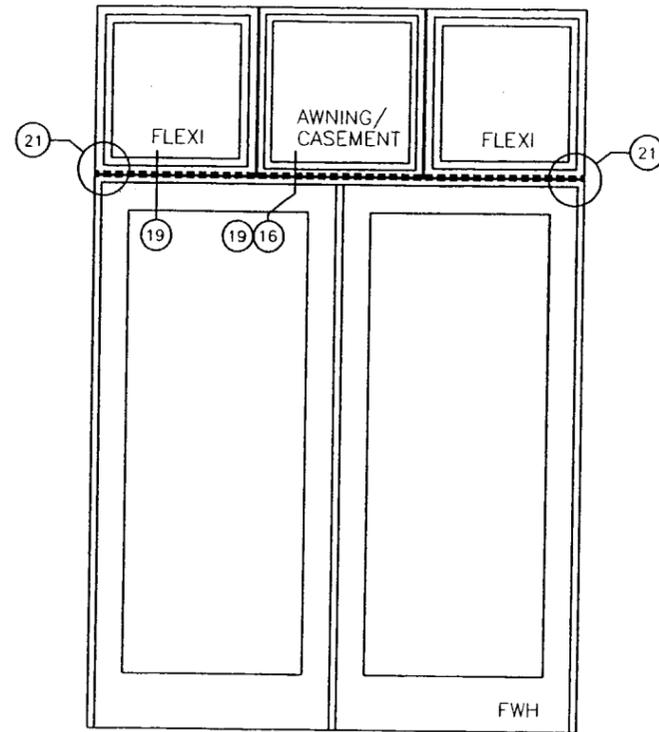
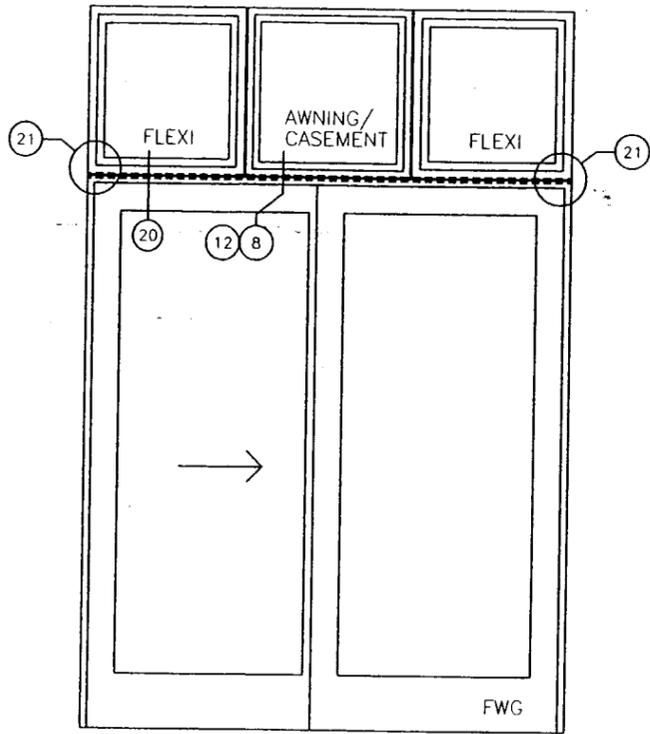
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 02-0423.01
Expiration Date 05/02/07
By *[Signature]*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *December 14, 2000*
BY *Manuel Perez*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0929.09

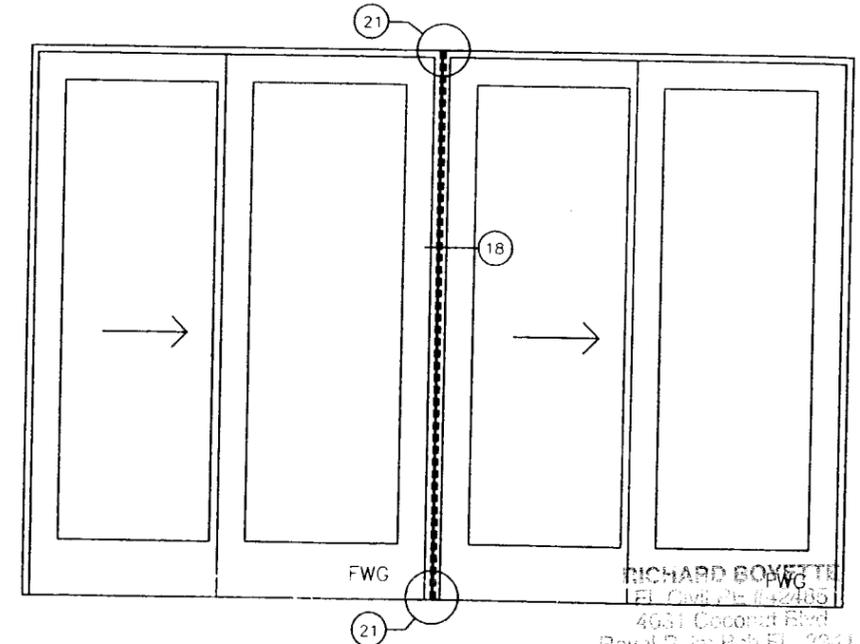
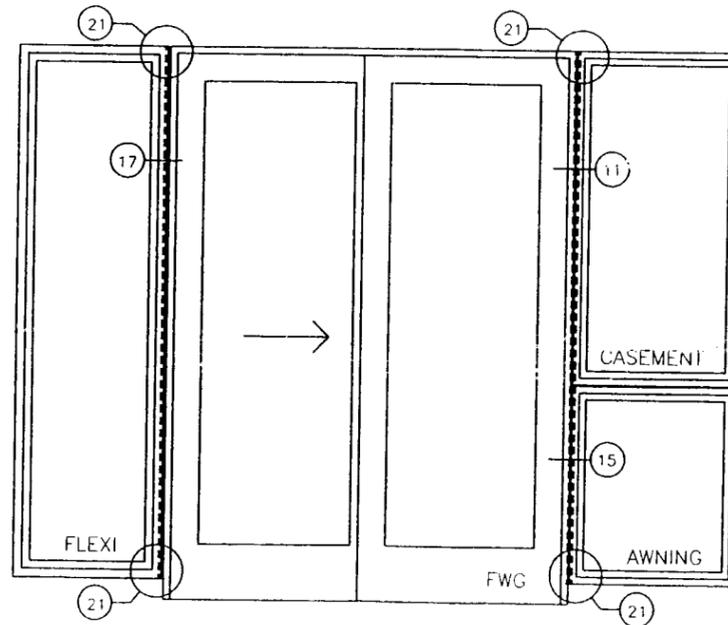
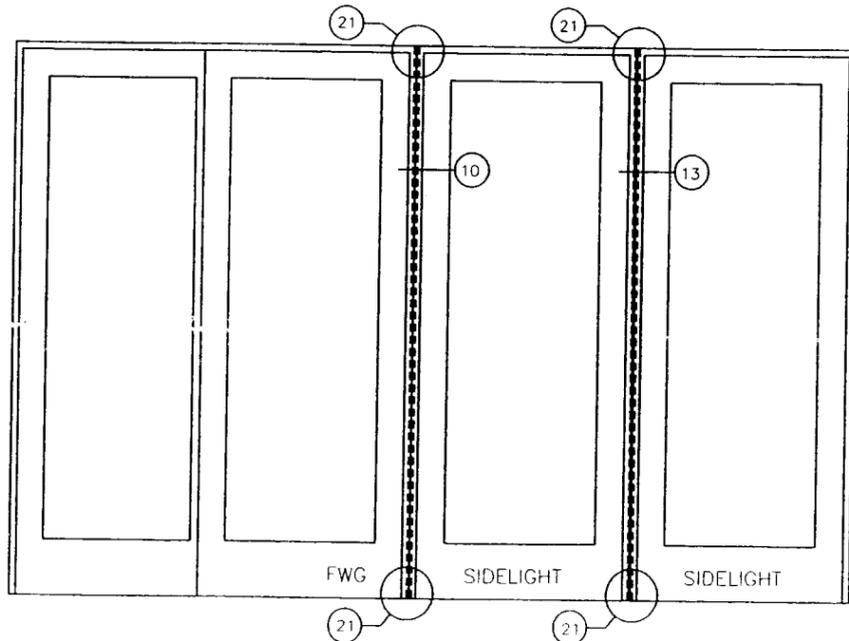
RICHARD BOYETTE
FLORIDA REGISTERED PROFESSIONAL ENGINEER
[Signature]

NOTE:
DRILL 1/8" PILOT HOLES, ALTERNATING SIDES, AT 8" INTERVALS USING SCRIBE MARKS ON METAL FILLER AS HOLE LOCATIONS.

TITLE	
MULLING COMBINATIONS	
STEEL-MULLIONS	
Andersen Corporation Bayport, Minnesota 55003	
THESE DRAWINGS ARE PROVIDED AS A SERVICE BY ANDERSEN CORPORATION FOR THE BENEFIT OF ITS CUSTOMERS. FINAL RESPONSIBILITY FOR ACCURACY OF DESIGN, FINAL SPECIFICATIONS, DRAWINGS AND FOR THE ACTUAL INSTALLATION SUGGESTED BY THESE DRAWINGS LIES WITH THE ARCHITECT, ENGINEER AND/OR CONTRACTOR.	
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APPROVE/DATE	DRAWING NUMBER
1/24/00	
SHT. 2 of 7	DADE-STEEL



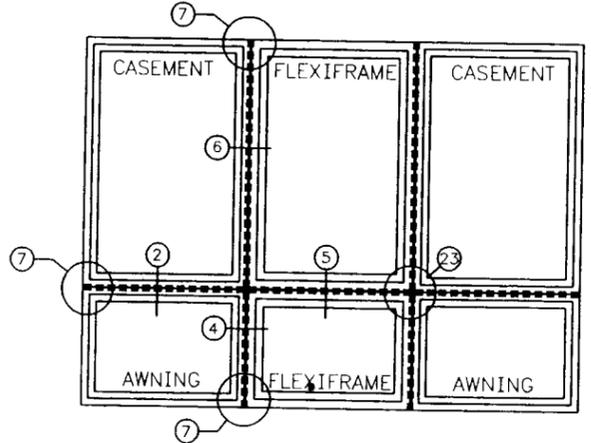
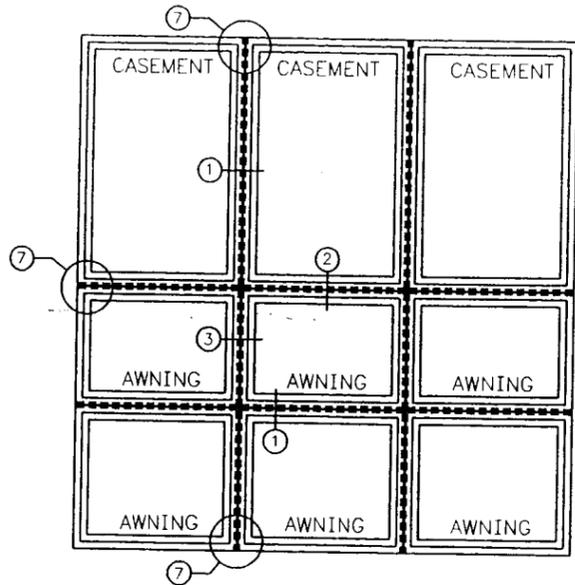
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 02-0423.01
 Expiration Date 05/02/07
 By *[Signature]*
 Miami-Dade Product Control
 Division



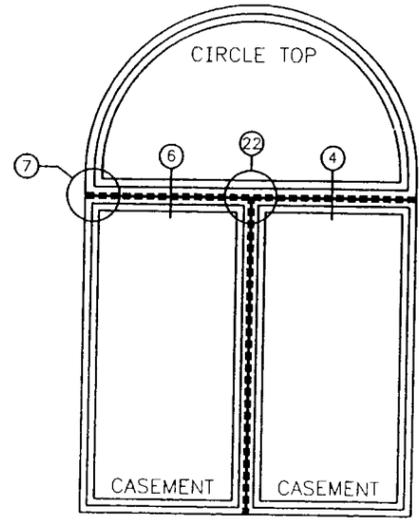
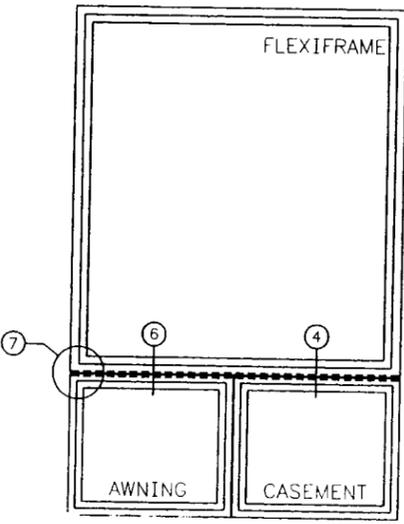
RICHARD BOYETTE
 4031 Coconut Blvd
 Royal Palm Beach, FL 33411
 (561) 200-8160 (voice) / fax

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE *December 14, 2000*
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO *00-0927.09*

TITLE MULLING COMBINATIONS	
STEEL-MULLIONS	
Andersen Corporation Bayport, Minnesota 55003	
<small>THESE DRAWINGS ARE PROVIDED AS A SERVICE BY ANDERSEN CORPORATION FOR THE BENEFIT OF ITS CUSTOMERS. FINAL RESPONSIBILITY FOR ACCURACY OF DESIGN, FINAL SPECIFICATIONS, DRAWINGS AND FOR THE ACTUAL INSTALLATION SUGGESTED BY THESE DRAWINGS LIES WITH THE ARCHITECT, ENGINEER AND/OR CONTRACTOR.</small>	
COPYRIGHT ANDERSEN CORPORATION 1998. ALL RIGHTS RESERVED.	
APPROVE/DATE 1/24/00	DRAWING NUMBER DADE-STEEL
SHT. 3 of 7	



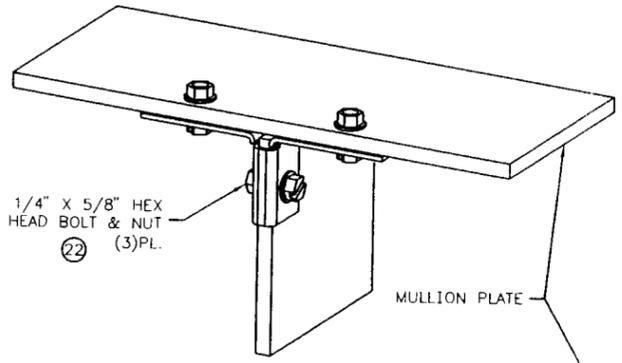
NOTE: STEEL REINFORCING (SHOWN AS DASHED LINE) TYPICALLY INSTALLED EITHER VERTICAL OR HORIZONTAL JOINTS (BOTH CONDITIONS SHOWN TOGETHER ON THIS DIAGRAM).



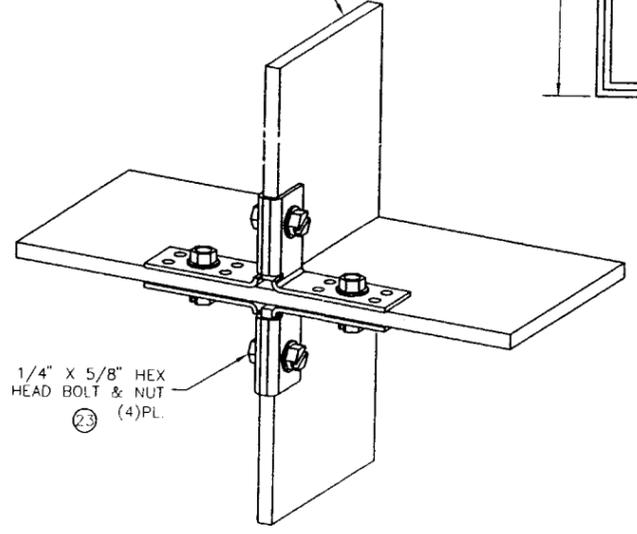
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0423.01
 Expiration Date 05/02/07
 By [Signature]
 Miami-Dade Product Control
 Division

TRIBUTARY WIDTH (FT)	MULLION LOAD CHART																				
	DESIGN PRESSURE RATINGS (PSF)																				
A+B/2 = 12.50	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	13	---	---	---	---	
A+B/2 = 12.08	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	13	---	---	---	---	
A+B/2 = 11.50	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	13	---	---	---	---	
A+B/2 = 11.08	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	13	---	---	---	---	
A+B/2 = 10.50	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	13	---	---	---	---	
A+B/2 = 10.08	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	13	---	---	---	---	
A+B/2 = 9.50	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	13	---	---	---	---	
A+B/2 = 9.08	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	13	---	---	---	---	
A+B/2 = 8.50	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	14	---	---	---	---	
A+B/2 = 8.08	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	14	---	---	---	---	
A+B/2 = 7.50	100	100	100	90	74	58	49	40	35	30	27	23	21	18	17	14	---	---	---	---	
A+B/2 = 7.08	100	100	100	90	74	58	49	40	35	30	27	23	21	19	17	15	---	---	---	---	
A+B/2 = 6.50	100	100	100	90	74	58	49	40	35	30	27	24	22	20	18	15	13	---	---	---	---
A+B/2 = 6.08	100	100	100	90	74	58	49	40	36	30	28	24	23	20	19	16	15	---	---	---	---
A+B/2 = 5.50	100	100	100	90	74	58	49	41	36	31	29	26	24	21	20	18	16	13	---	---	---
A+B/2 = 5.08	100	100	100	90	74	58	50	42	37	32	30	27	25	22	21	19	17	14	---	---	---
A+B/2 = 4.50	100	100	100	90	74	59	51	43	39	34	32	28	27	24	23	21	18	15	14	---	---
A+B/2 = 4.08	100	100	100	90	75	60	53	45	41	36	34	30	28	26	25	22	21	18	15	14	---
A+B/2 = 3.50	100	100	100	92	78	64	57	49	45	40	37	34	32	29	28	26	24	20	17	14	---
A+B/2 = 3.08	100	100	100	95	82	68	61	53	49	44	41	37	35	32	30	28	26	22	19	16	14
A+B/2 = 2.50	100	100	100	100	92	78	70	62	57	51	48	44	41	38	36	34	31	26	23	19	16
A+B/2 = 2.08	100	100	100	100	100	89	81	71	66	59	56	51	48	45	41	38	36	34	30	24	21
A+B/2 = 1.50	100	100	100	100	100	100	100	94	87	79	74	68	64	60	57	53	51	46	40	33	29
C = (MULLION LENGTH)(FT)	2.50	3.08	3.50	4.08	4.50	5.08	5.50	6.08	6.50	7.08	7.50	8.08	8.50	9.08	9.50	10.08	10.50	11.08	11.50	12.08	12.50

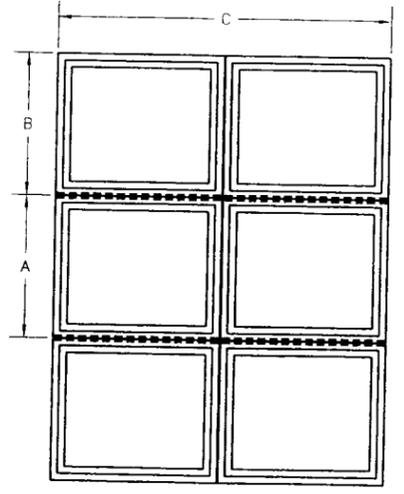
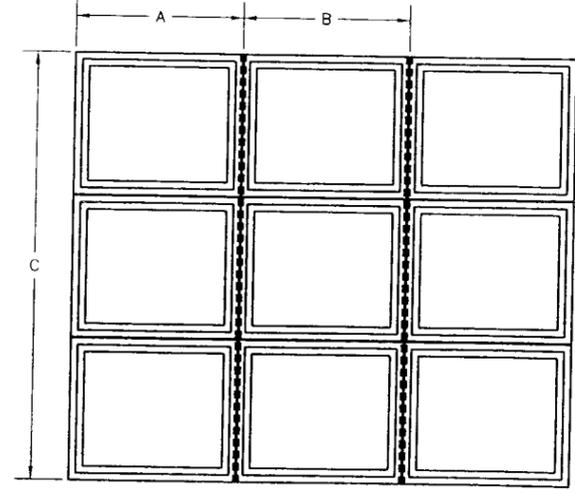
THE TABLE ABOVE IS BASED ON THE MOST LIMITING CONDITION OF: BENDING STRESS OF MULLION; DEFLECTION OF L/180; 3/4" DEFLECTION; AND CONNECTION WITH #8 WOOD SCREWS.



1/4" X 5/8" HEX HEAD BOLT & NUT (3) PL.



1/4" X 5/8" HEX HEAD BOLT & NUT (4) PL.



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE December 14, 2000
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0929.09

RICHARD BOYER
 4001
 [Signature]

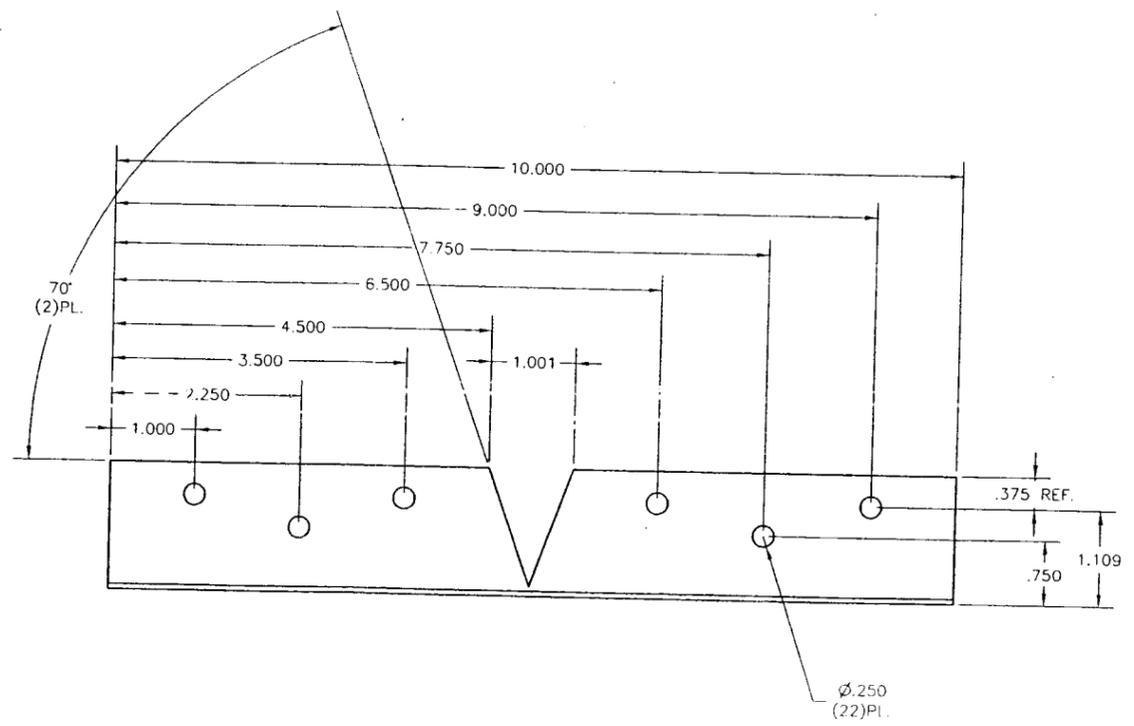
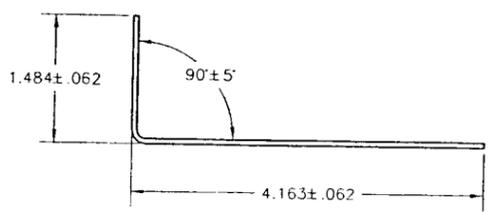
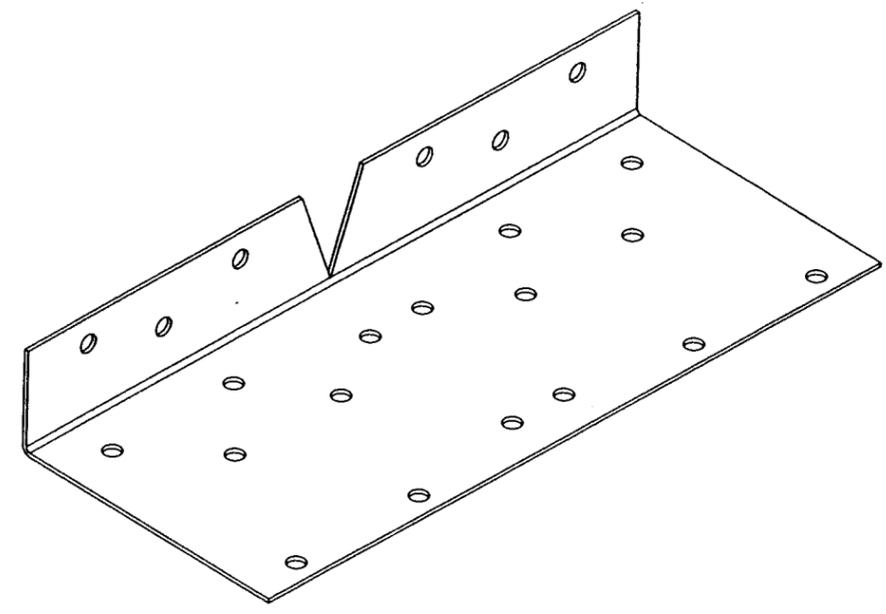
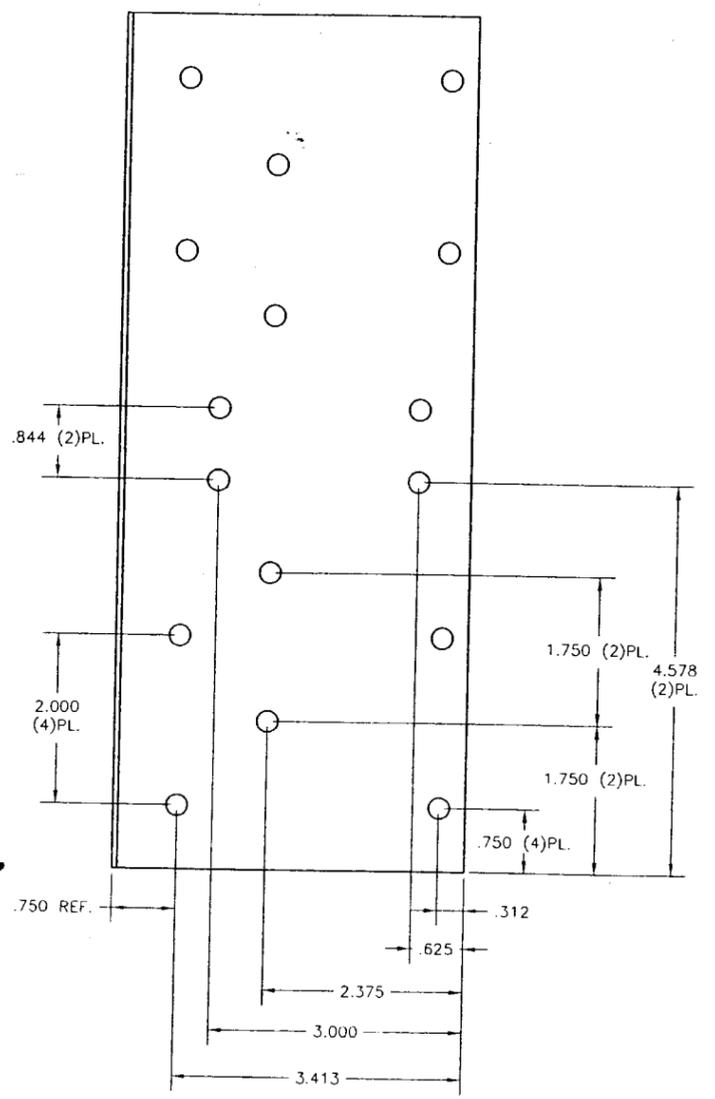
TITLE
 MULLION COMBINATIONS
 STEEL-MULLIONS

Andersen Corporation
 Bayport, Minnesota 55003

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APPROVE/DATE 1/24/00 DRAWING NUMBER
 4 DADE-STFFL



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 02-0423.01
 Expiration Date 05/02/07
 By *[Signature]*
 Miami Dade Product Control
 Division

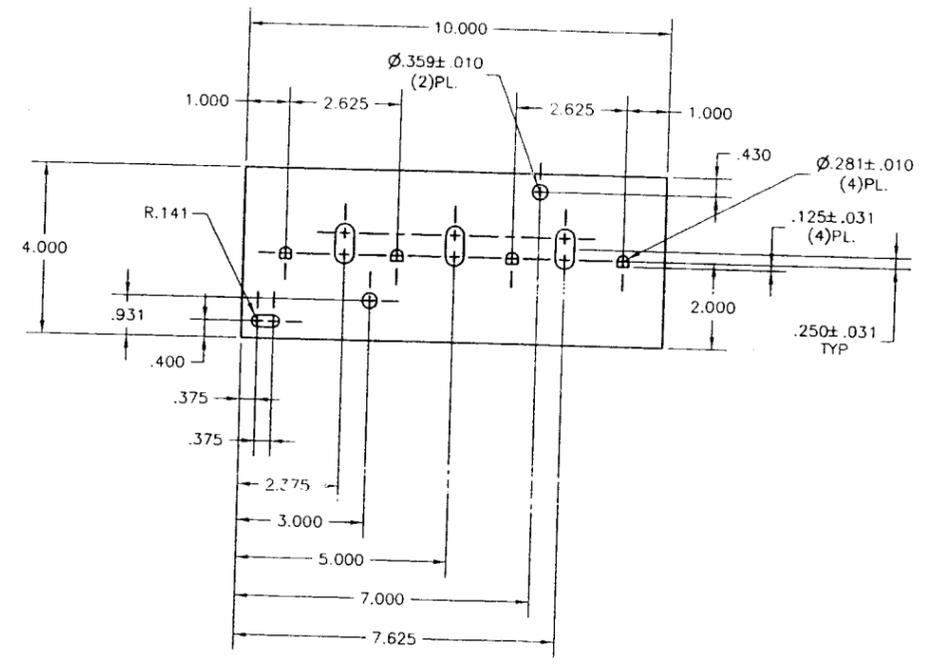
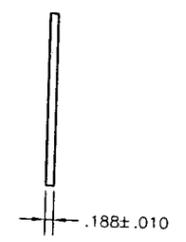
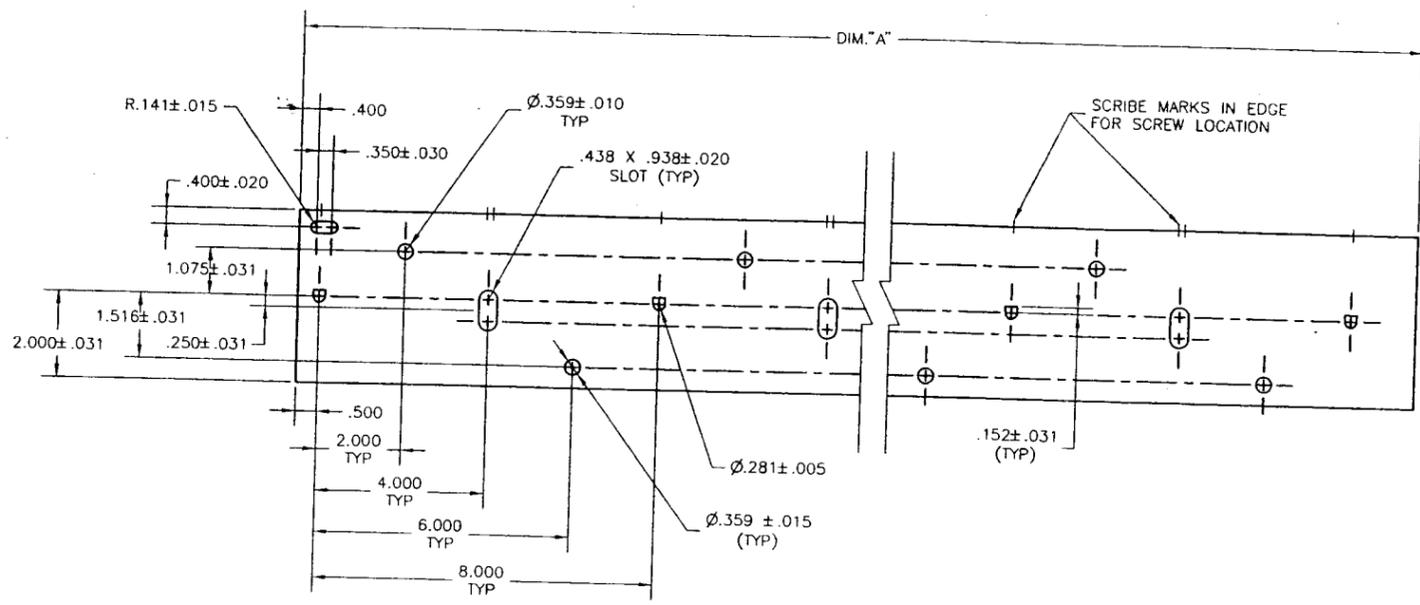
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE *December 14, 2000*
 BY *Manuel J...*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. *00-0929.09*

RICHARD BOYETTE
 FLORIDA REGISTERED
 ARCHITECT
 2001 WEST 17TH
 MIAMI BEACH, FLORIDA 33140
Richard Boyette

- NOTES:
 1. BREAK ALL SHARP EDGES.
 2. MATERIAL: 16 GA. GALVANIZED STEEL.

3071055
 PART
 NO.

TITLE	
GUSSET, REINFORCED	
STEEL MULLIONS	
Andersen Corporation Bayport, Minnesota 55003	
<small>THESE DRAWINGS ARE PROVIDED AS A SERVICE BY ANDERSEN CORPORATION FOR THE BENEFIT OF ITS CUSTOMERS. FINAL RESPONSIBILITY FOR ACCURACY OF DESIGN, FINAL SPECIFICATIONS, DRAWINGS AND FOR THE ACTUAL INSTALLATION SUGGESTED BY THESE DRAWINGS LIES WITH THE ARCHITECT, ENGINEER AND/OR CONTRACTOR.</small>	
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APPROVE/DATE	DRAWING NUMBER
1/24/00	DADE-STEEL
SHT. 5 of 7	



SALESMAN SAMPLE

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0423.01
 Expiration Date 05/02/07
 By [Signature]
 Miami Dade Product Control
 Division

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE September 14, 2000
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0929.09

RICHARD BOYETTE
 P.E. CIVIL ENGINEER
 4031 N.W. 11th St.
 Fort Lauderdale, FL 33309
 (954) 561-1111

[Signature]
 TITLE JOINING STRIP, NARROW
 MULLING STEEL
 STEEL-MULLIONS 1/27/00

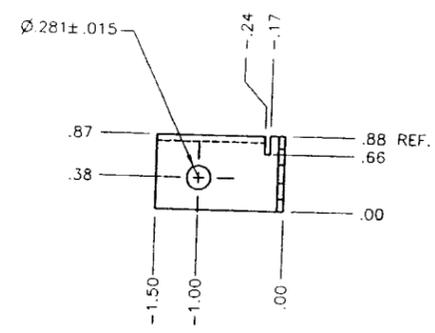
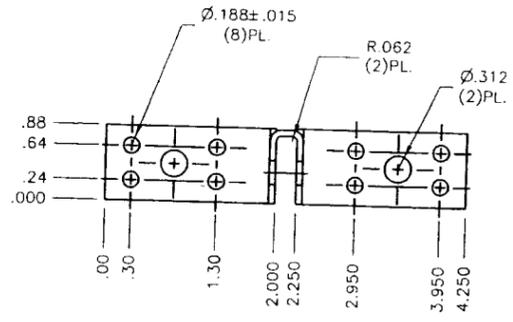
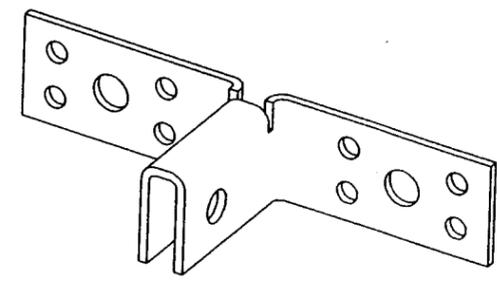
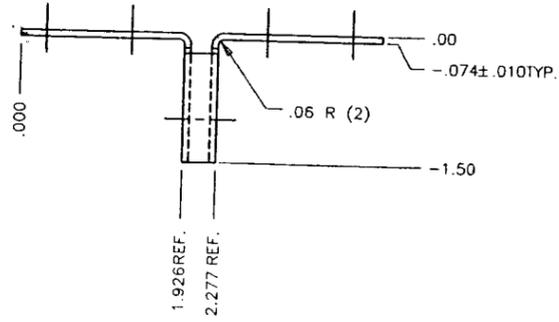
Andersen Corporation
 Bayport, Minnesota 55003

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2340406	96.250
2340408	114.00
2340410	150.00
PART NO.	DIM "A" ± .125
APPROVE/DATE	1/24/00
DRAWING NUMBER	DADE-STEEL
SHT.	6 OF 7

- NOTES:
1. MATERIAL: HOT ROLLED STEEL.
 2. FINISH: ZINC PLATE "0005", YELLOW CHROMATE CONVERSION COAT
- SCRIBE MARKS NOT REQUIRED.



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0423-01
 Expiration Date 05/02/07
 By *[Signature]*
 Miami Dade Product Control
 Division

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE December 14, 2000
 BY *[Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0929.09

RICHARD E. SMITH
 ENGINEER
 ROYAL PALM BEACH, FLORIDA
[Signature] *[Signature]*

- NOTES:
1. MATERIAL: .074 CRS
 2. FINISH: ZINC PLATE .0002" THICK, YELLOW CHROMATE CONVERSION COAT
 3. BEND RADIUS: .06 TYP.

3071050
 PART
 NO.

TITLE END BRACKET, NARROW MULLION, STEEL STEEL-MULLIONS	
Andersen Corporation Boypoint, Minnesota 55003	
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APPROVE/DATE 1/24/00	DRAWING NUMBER DADE STEEL
SHI. 7 of 7	