



**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)**

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**EFCO Corporation  
P.O. Box 609  
1000 County Road  
Monett, MO 65708-0609**

**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 5600 – 7” Deep Frame - Aluminum Curtain Wall System – Small Missile Impact**

**APPROVAL DOCUMENT:** Drawing No. 1092, dated 01/31/02, titled “7” Deep Series 5600 Small Missile Impact Curtain Wall System”, sheets 1 through 8, prepared by W. W. Schaefer Engineering & Consulting, P. A. signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: 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.

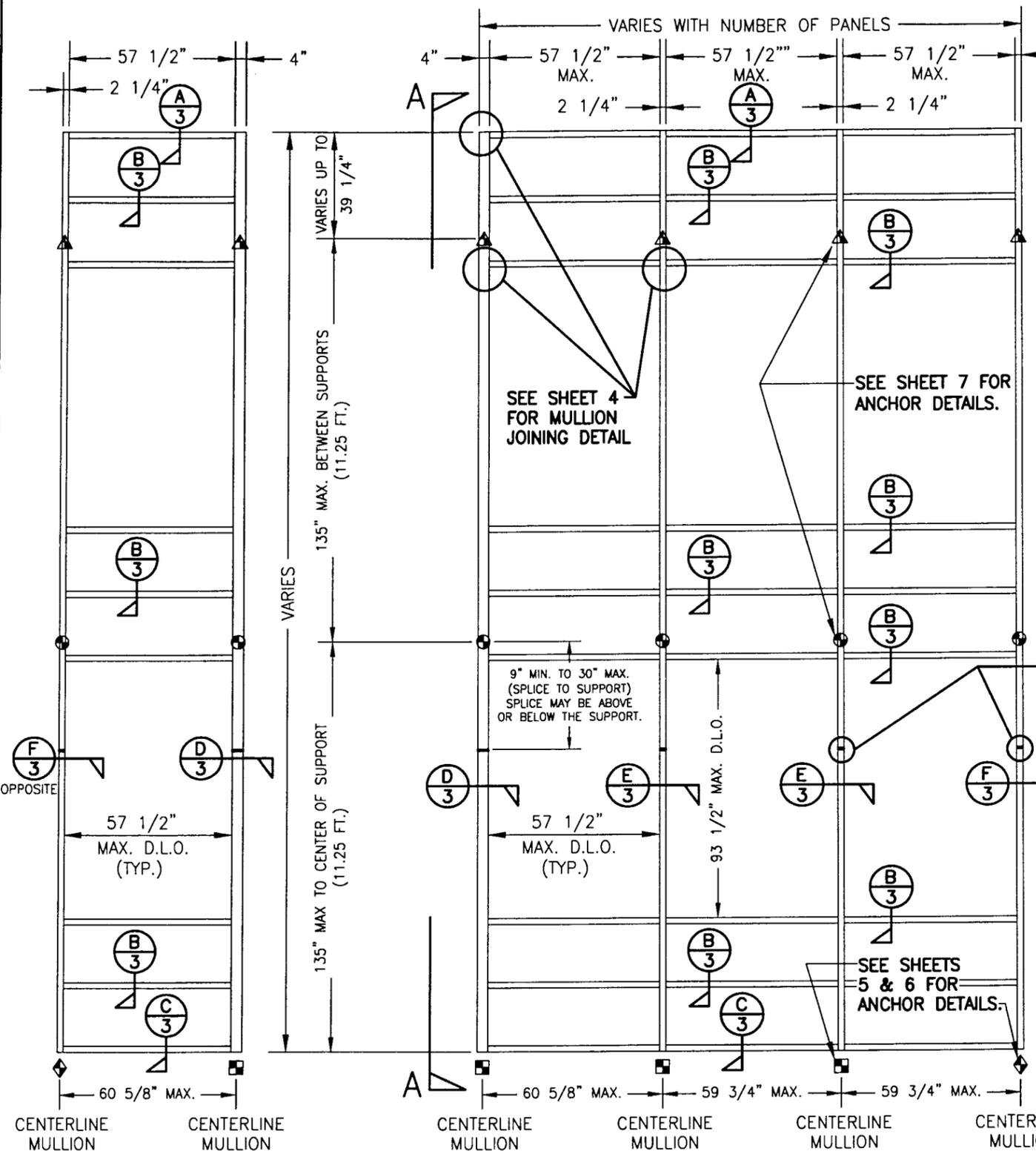
**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

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

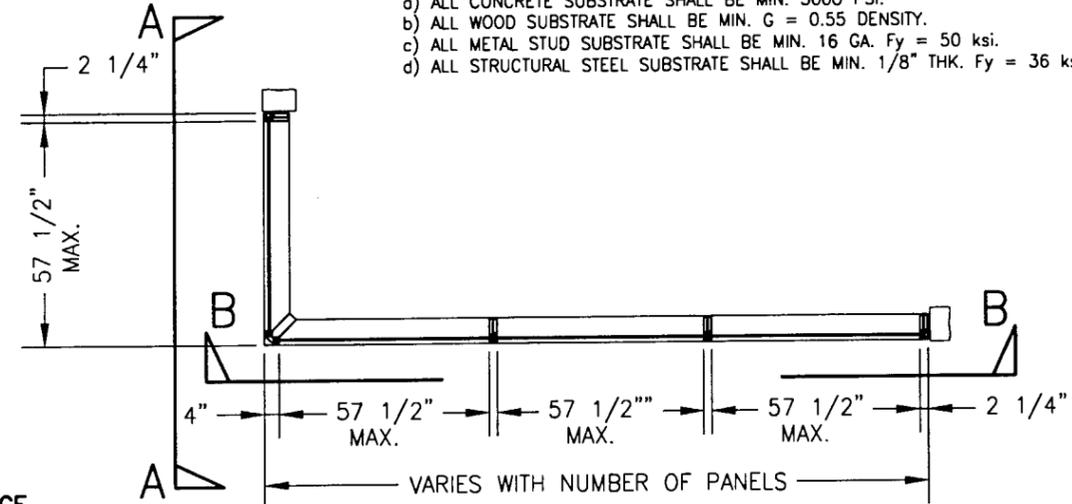
The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 02-0308.14  
Expiration Date: June 27, 2007  
Approval Date: June 27, 2002  
Page 1**



- ◆ = F OR TF ANCHOR
- = M OR TM ANCHOR
- = DEAD LOAD ANCHOR
- ▲ = WIND LOAD ANCHOR



**PLAN VIEW**  
**CURTAIN WALL WITH MULTIPLE VERTICAL SPANS**  
 SCALE: 1/4"=1'-0"

**GENERAL NOTES**

1. THESE CURTAIN WALL SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE.
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA 201, 202 & 203 FOR IMPACT REQUIREMENTS.
5. THESE CURTAIN WALL SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (F.B.C.).
6. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
7. THERE SHALL BE NO LIMIT TO THE NUMBER OF HORIZONTAL & VERTICAL PANELS USED FOR ANY JOB PROVIDING ALL RESTRICTIONS ARE MET PER THE ELEVATIONS.
8. ALL SUBSTRATE SHALL HAVE THE FOLLOWING MINIMUM REQUIREMENTS.
  - a) ALL CONCRETE SUBSTRATE SHALL BE MIN. 3000 PSI.
  - b) ALL WOOD SUBSTRATE SHALL BE MIN. G = 0.55 DENSITY.
  - c) ALL METAL STUD SUBSTRATE SHALL BE MIN. 16 GA. Fy = 50 ksi.
  - d) ALL STRUCTURAL STEEL SUBSTRATE SHALL BE MIN. 1/8" THK. Fy = 36 ksi.

"F", "TF", "M" & "TM" ANCHOR FASTENER REQUIREMENTS TABLE				
OPENING TYPE (SUBSTRATE)	ANCHOR TO OPENING FASTENER TYPE	NO. FASTENERS PER ANCHOR INTO SUBSTRATE	MINIMUM EMBED	MINIMUM EDGE DIST.
WOOD	(1) 1/2" LAG SCREW	6	3"	1"
MIN. 16 GA. STUD	NO. 14 TEK SCREW	4	FULL	1/2"
STRUCT. STEEL MIN. 1/8" THK.	NO. 14 TEK SCREW	4	FULL	1/2"
CONCRETE	3/8" HILTI KWIK BOLT II S.S. EXPANSION ANCHOR OR 3/8" S.S. RAWL POWER-BOLT	4	2 1/2"	2 1/2"

(1) PREDRILL REQUIRED SIZE HOLES IN WOOD FOR PLACEMENT OF LAG SCREWS.

**ALLOWABLE DESIGN LOADS**  
 SEE LOAD TABLES ON SHEET 2

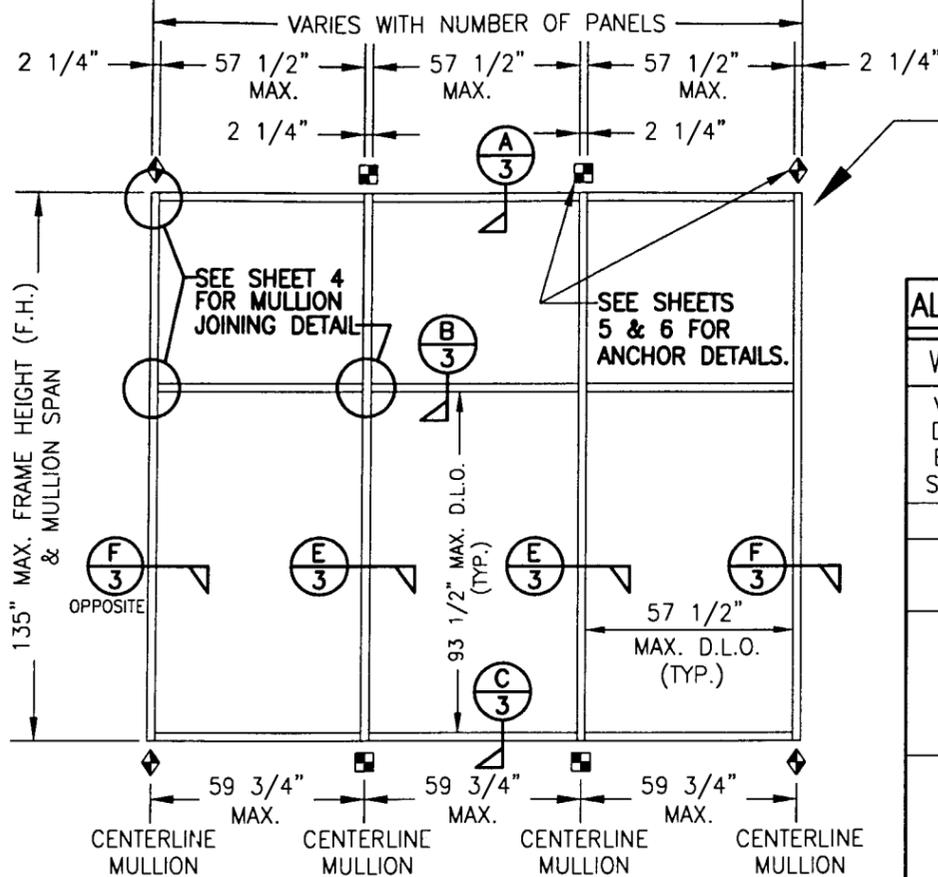
**VIEW "A-A"**  
**(EXTERIOR ELEVATION)**  
 ONLY ONE ROW SHOWN; MORE THAN ONE ROW MAY BE INSTALLED

**EXTERIOR ELEVATION; VIEW "B-B"**  
**CURTAIN WALL WITH MULTIPLE VERTICAL SPANS**  
 SCALE: N.T.S.

NOTE: THIS ELEVATION SHOWS THE 5600 CURTAIN WALL SYSTEM IN A MULTI-STORY APPLICATION. THE NUMBER OF FLOORS WITH WHICH THIS SYSTEM MAY BE USED RANGE FROM TWO(2) TO UNLIMITED WITH THE ONLY RESTRICTIONS BEING AS SHOWN ON THE SPAN BETWEEN FLOORS/SUPPORTS AND THE D.L.O. SIZE

Approved as complying with the Florida Building Code  
 Date \_\_\_\_\_  
 NOA# \_\_\_\_\_  
 Miami Dade Product Control Division  
 By *Manuel Perez*

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-48	DATE: 01/31/02
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE <b>7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	MANUFACTURER <b>EFCO CORPORATION</b> 1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169
CERTIFICATION <b>APR 25 2002</b> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. <b>1092</b>
	REV. <b>1</b>
	SHEET NO. <b>1</b> OF <b>8</b>



NOTE: THE ELEVATIONS ON THIS SHEET MAY HAVE A 90 DEGREE TURN AS SHOWN ON SHEET 1 ELEVATION OF THE MULTI-SPAN SYSTEM. REF. VIEW "A-A" ON SHEET 1 FOR DETAIL.

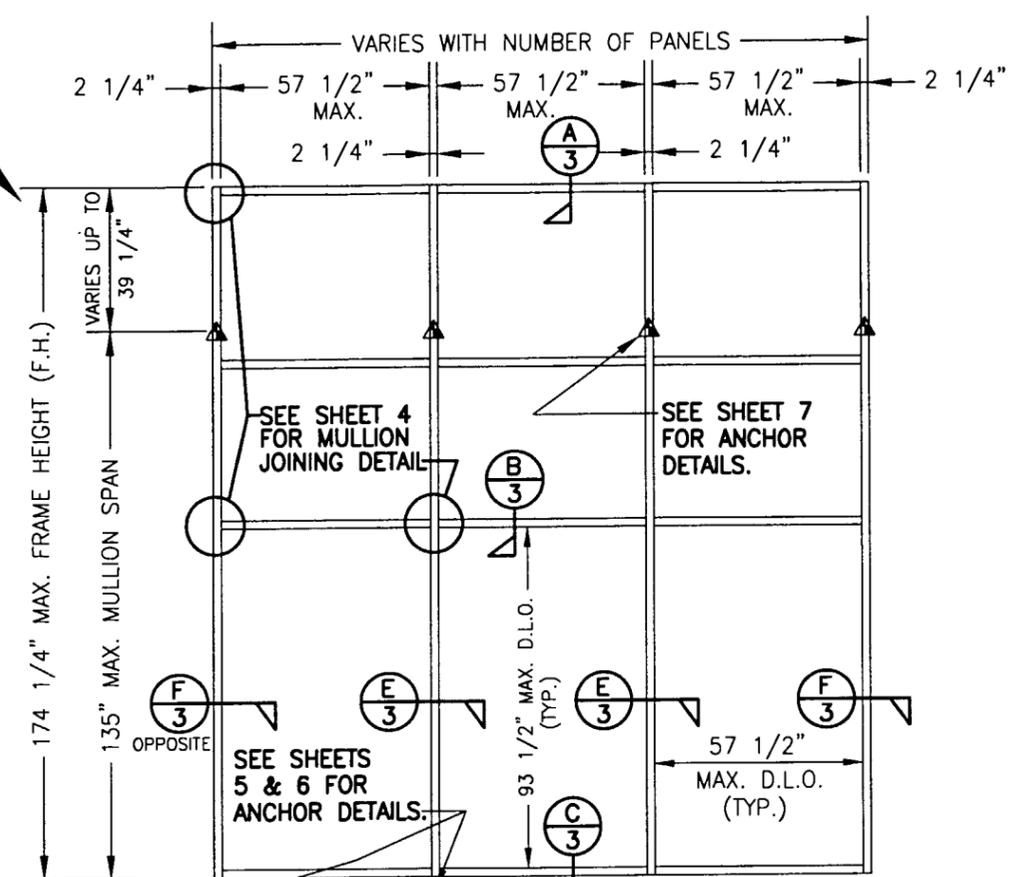
**ALLOWABLE FRAMING DESIGN PRESSURES**

WITH REINFORCED VERTICAL MULLIONS		
VERTICAL DISTANCE BETWEEN SUPPORTS	HORIZONTAL DISTANCE BETWEEN MULLIONS	ALLOWABLE DESIGN LOAD
		POSITIVE & NEGATIVE (PSF)
122"	59 3/4"	90.0
	54"	90.0
126"	59 3/4"	81.7
	42"	90.0
	48"	88.4
132"	54"	78.6
	59 3/4"	71.1
	42"	90.0
135"	48"	82.7
	54"	73.5
	59 3/4"	66.4

**WITHOUT REINFORCEMENT IN MULLIONS**

VERTICAL DISTANCE BETWEEN SUPPORTS	HORIZONTAL DISTANCE BETWEEN MULLIONS	ALLOWABLE DESIGN LOAD
		POSITIVE & NEGATIVE (PSF)
108"	59 3/4"	90.0
	42"	90.0
120"	48"	85.8
	54"	76.3
	59 3/4"	68.9
132"	30"	90.0
	36"	86.0
	42"	73.7
	48"	64.5
135"	54"	57.3
	59 3/4"	51.8
	30"	90.0
	36"	80.4
	42"	68.9
135"	48"	60.3
	54"	53.6
	59 3/4"	48.4

1. THE LOADS IN THIS TABLE ARE APPLICABLE FOR SINGLE & MULTI SPAN SYSTEMS.



**EXTERIOR ELEVATION; CURTAIN WALL WITH SINGLE VERTICAL SPAN AND CANTELEVER**

NOTE: THIS ELEVATION SHOWS THE 5600 CURTAIN WALL SYSTEM IN A SINGLE SPAN APPLICATION. ALL SINGLE SPAN APPLICATIONS ARE LIMITED BY EACH THE D.L.O. SIZES OF THE LIGHTS & THE HEIGHT/SPAN SHOWN. IF REQUIRED HEIGHT EXCEEDS THAT SHOWN IN THIS ELEVATION, THE SYSTEM MUST BE SUPPORTED AS TWO OR MORE SPANS PER THE MULTIPLE SPAN ELEVATION.

- ◆ = F OR TF ANCHOR
- = M OR TM ANCHOR
- = DEAD LOAD ANCHOR
- ▲ = WIND LOAD ANCHOR

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 Date \_\_\_\_\_  
 NOA# \_\_\_\_\_  
 Miami Dade Product Control  
 Division \_\_\_\_\_  
 By *Manuel Perez*

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PLOT: 1-48	DATE: 01/31/02
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REVISION DESCRIPTION	
NO.	

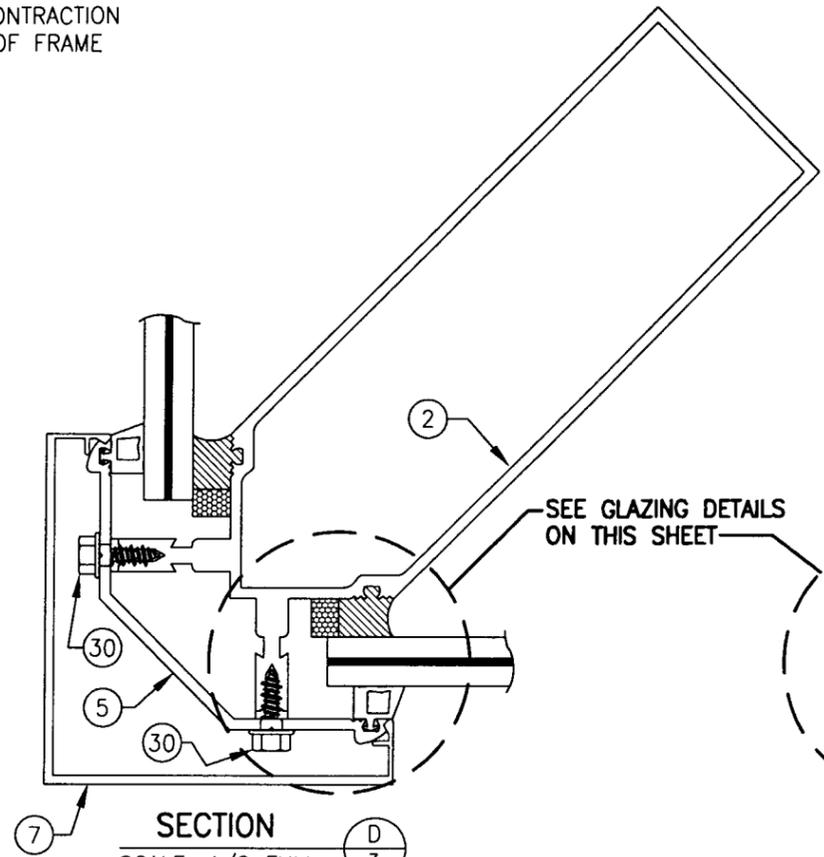
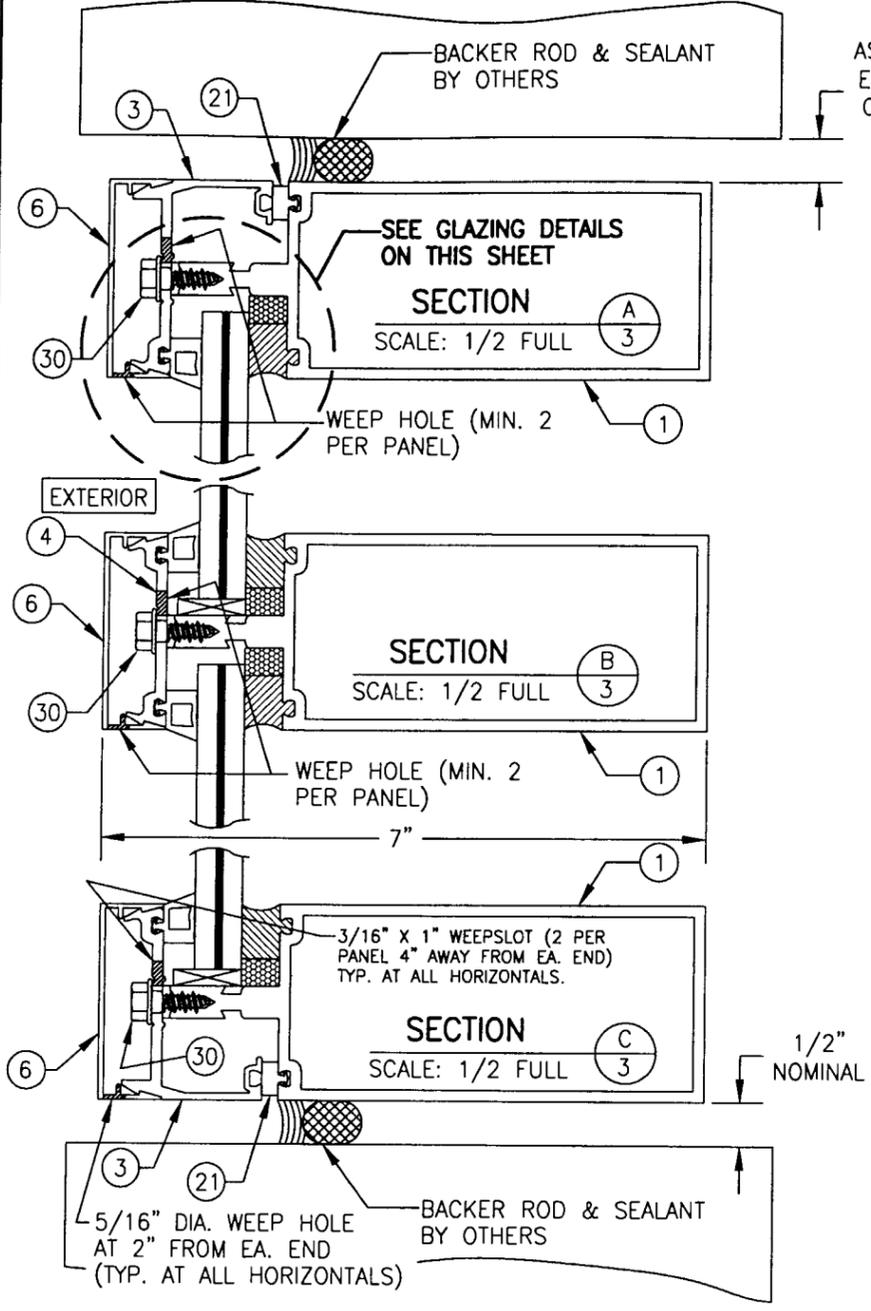
**DRAWING TITLE**  
7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM

**CONSULTANTS**  
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.  
600 SANDTREE DRIVE, SUITE 203B  
PALM BEACH GARDENS, FL 33403  
PHONE: 561-775-4902 FAX: 561-775-4903

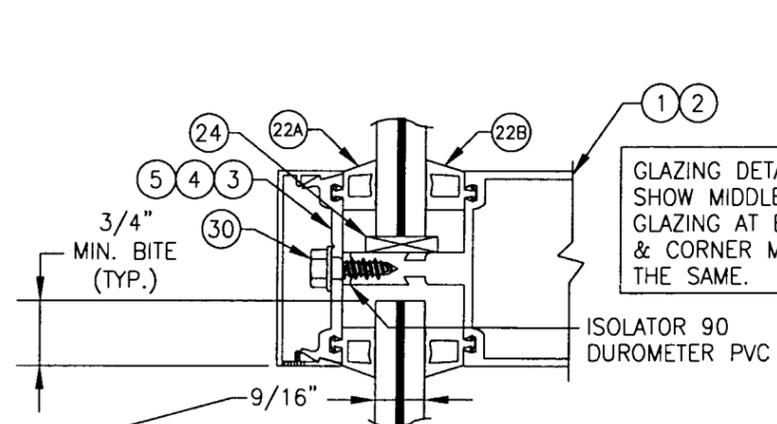
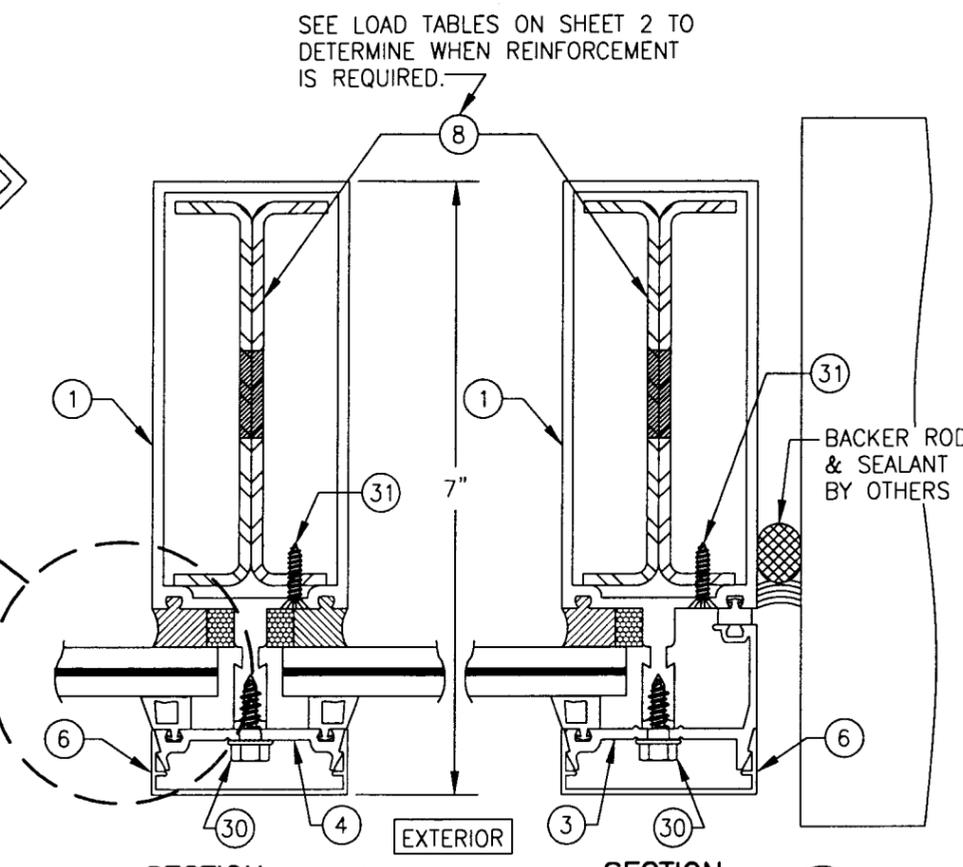
**MANUFACTURER**  
EFCO CORPORATION  
1000 COUNTY ROAD, P.O. BOX 609  
MONETT, MO 65708-0609  
800-221-4169

**CERTIFICATION**  
APR 25 2002  
WARREN W. SCHAEFER, P.E.  
P.E. NO. 44135

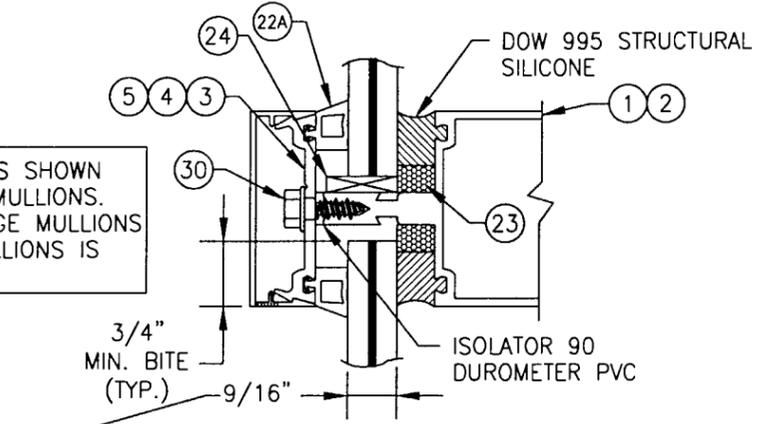
DRAWING NO.	REV.
1092	
SHEET NO.	
2	OF 8



(SEE ANCHOR DETAILS ON SHEET 5 & 6 FOR ANCHOR PROJECTIONS NOT SHOWN IN THIS VIEW.)



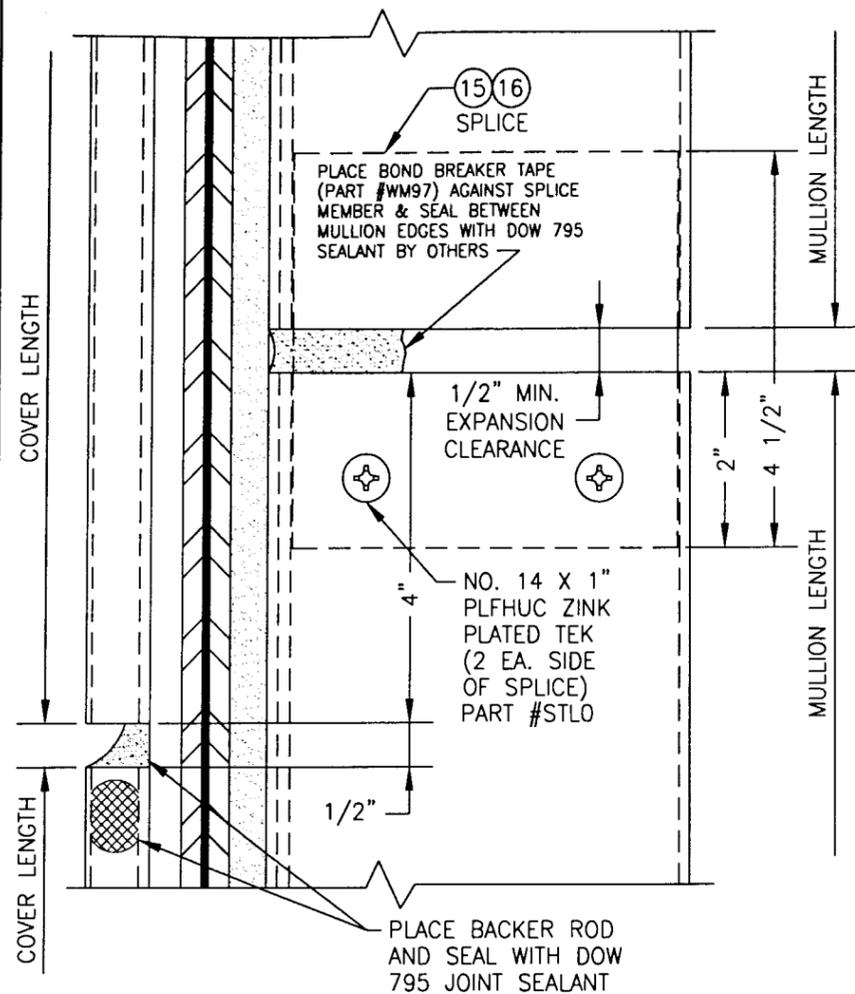
GLASS "E": 9/16" SOLUTIA SAFLEX: 1/4" HT. ST./0.06 PVB/1/4" HT. ST.  
 GLASS "F": 9/16" DUPONT BUTACITE: 1/4" HT. ST./0.06 PVB/1/4" HT. ST.



GLASS "E": 9/16" SOLUTIA SAFLEX: 1/4" HT. ST./0.06 PVB/1/4" HT. ST.  
 GLASS "F": 9/16" DUPONT BUTACITE: 1/4" HT. ST./0.06 PVB/1/4" HT. ST.

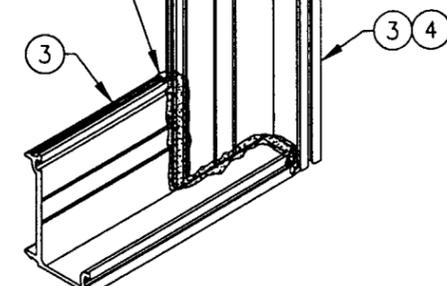
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PLOT: 1-2	DATE: 01/31/02
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE <b>7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM</b>	
MANUFACTURER <b>EFCO CORPORATION</b>	1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>	600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903
CERTIFICATION <b>APR 25 2002</b>	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. <b>1092</b>	REV.
SHEET NO. <b>3</b>	OF <b>8</b>

Approved as complying with the Florida Building Code  
 Date  
 P.O.#  
 Miami Made Product Control  
 Division  
 By *Manuel Perez*



**MULLION SPLICE DETAIL**

DOW 795 SILICONE (ENTIRE JOINT)



**PRESSURE PLATE JOINT (TYP. AT CORNERS)**

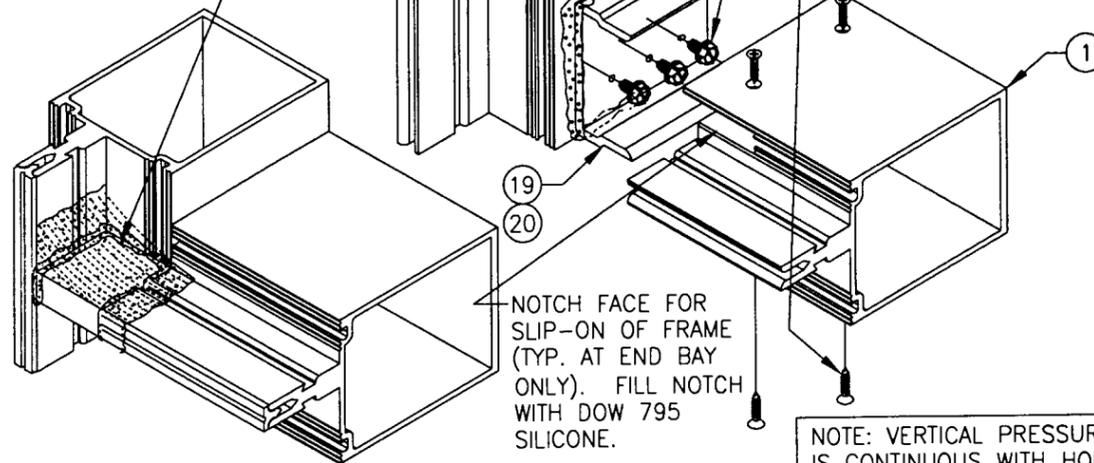
SIMILAR AT MID MULLION ENDS EXCEPT THAT THE HORIZONTAL PRESSURE PLATES SEAM TOGETHER AT THE MULLION CENTERLINE WITH A 1/8" SEAM SEALED WITH DOW 795 SILICONE.

BED OF DOW 795 TO SEAL MULLION JOINT

MULLION JOINT PLUG. PLACE SEALANT AT ALL CONTACT SURFACES. THEN RESEAL JOINTS AND TOOL OFF EXCESS SEALANT TO PREVENT DAMMING OF THE WATER PATH.

NO. 14 X 1/2" HWSMS (3 PER SHEAR BLOCK) PART #STV2

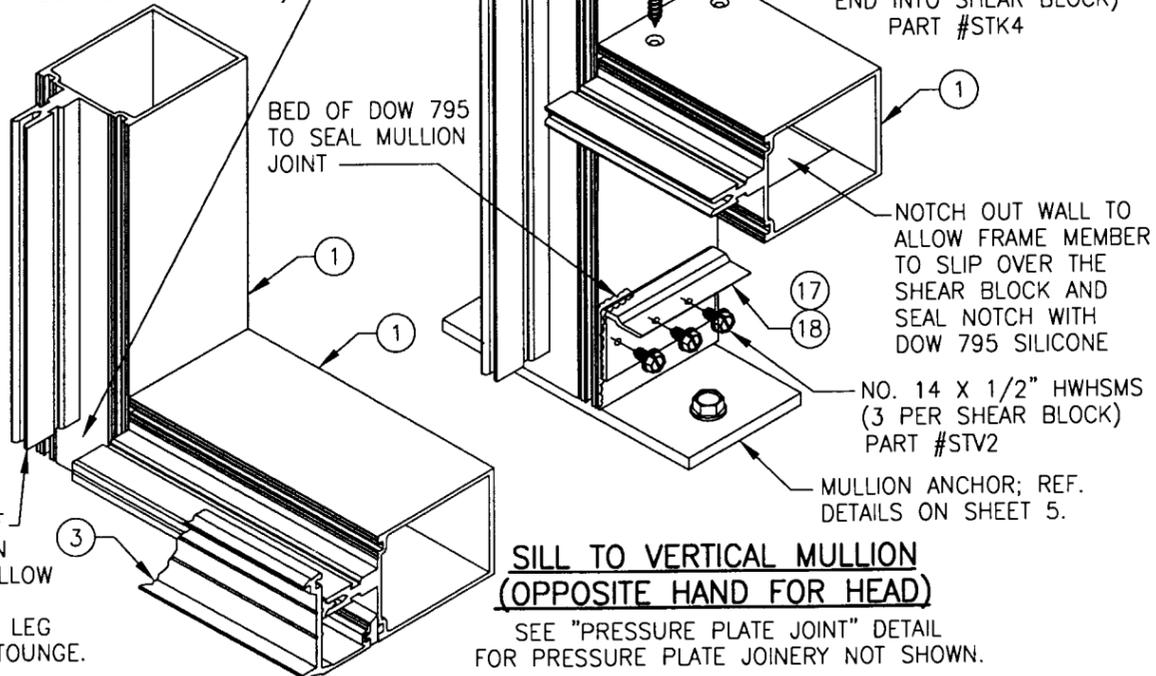
NO. 8 X 3/4" FHPH TEK SCREW (4 AT INTERMEDIATE HORIZONTAL; 2 AT HEAD & SILL MEMBERS INTO SHEAR BLOCK). PART #STK4



**HORIZONTAL MID MULLION TO VERTICAL MULLION**

NOTE: VERTICAL PRESSURE PLATE IS CONTINUOUS WITH HORIZONTAL PRESSURE PLATES BUTTING AGAINST THE VERTICAL AND SEALED AT SEAM WITH DOW 795 SILICONE (PRESSURE PLATES NOT SHOWN FOR CLARITY).

CLOSE TOUNGE GAP WITH MULLION JOINT PLUG. PLACE SEALANT AT ALL CONTACT SURFACES. THEN RESEAL JOINTS AND TOOL OFF EXCESS SEALANT TO PREVENT DAMMING OF THE WATER PATH (SEE HORIZONTAL MID MULLION JOINT DETAIL FOR PLUG APPLICATION NOT SHOWN).



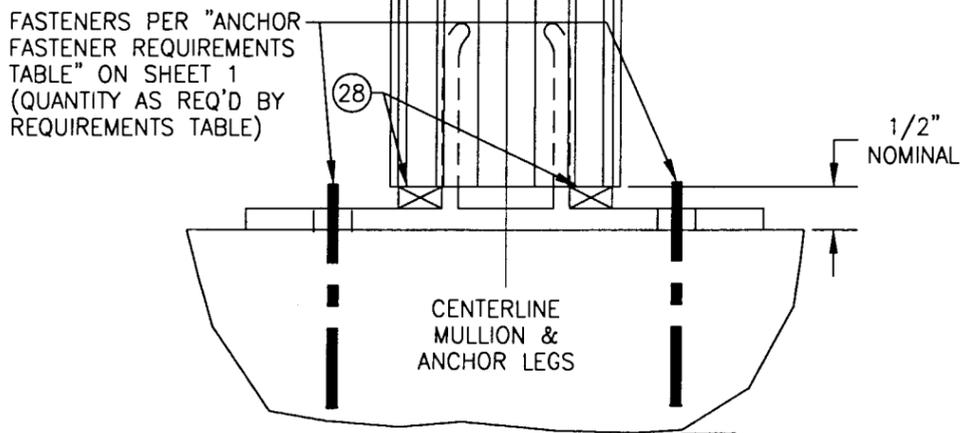
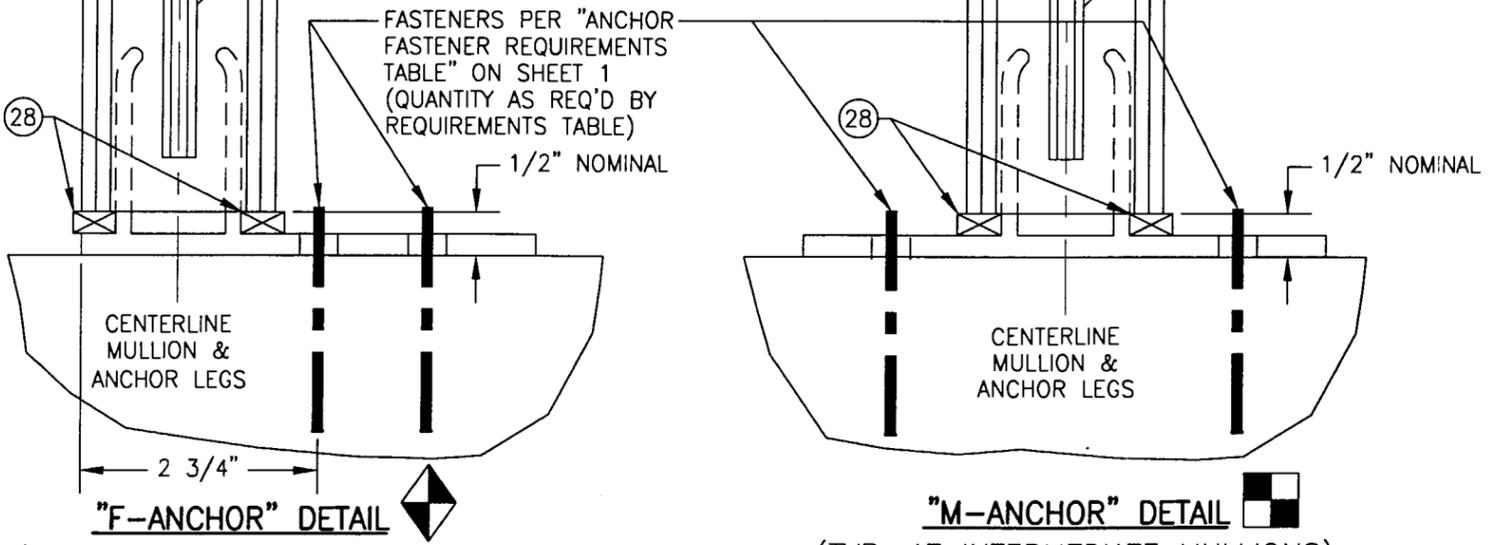
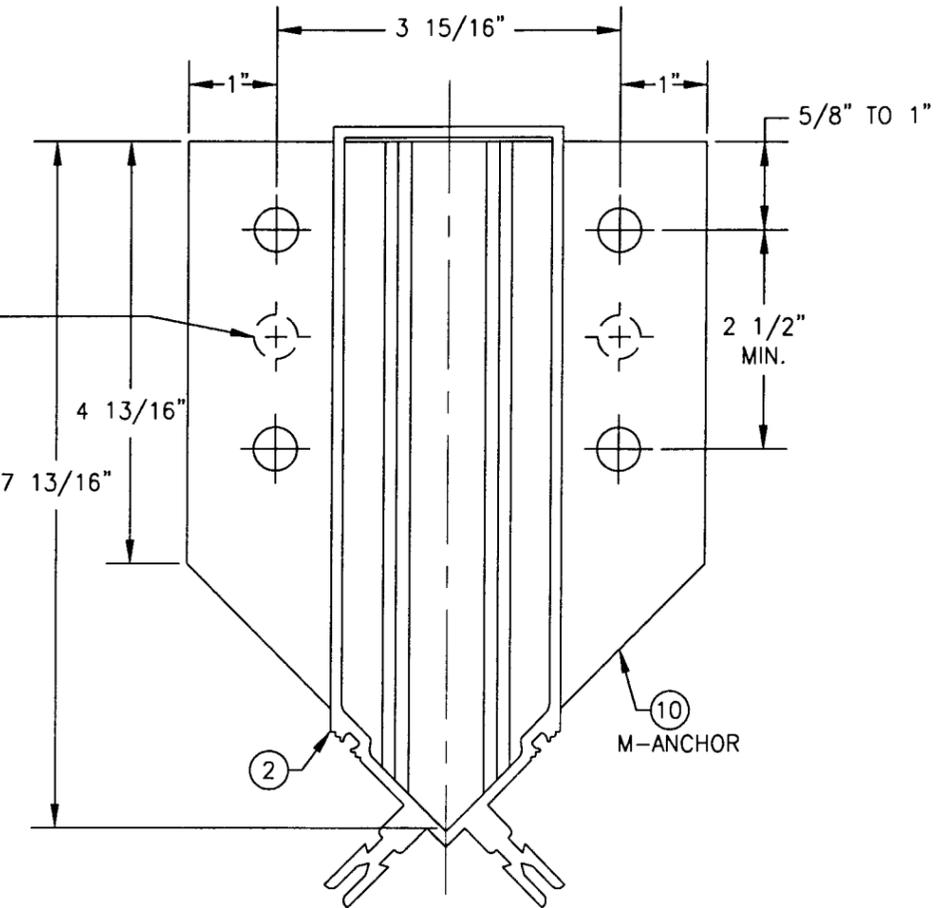
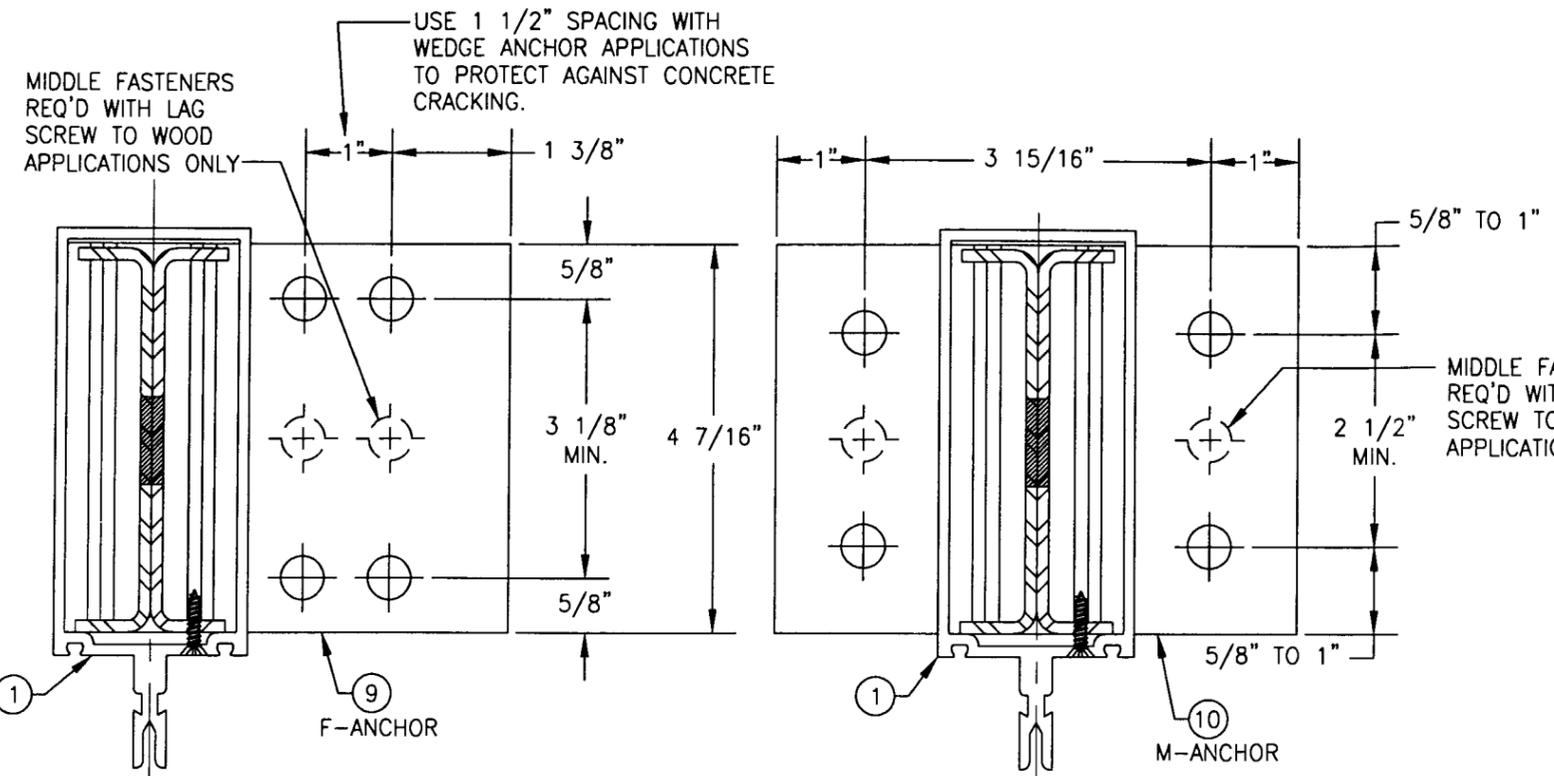
**SILL TO VERTICAL MULLION (OPPOSITE HAND FOR HEAD)**

SEE "PRESSURE PLATE JOINT" DETAIL FOR PRESSURE PLATE JOINERY NOT SHOWN.

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 01/31/02
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE <b>7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM</b>	
MANUFACTURER <b>EFCO CORPORATION</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>	
1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION <b>APR 25 2002</b>	WARREN W. SCHAEFER, P.E. P.E. NO. 44133
DRAWING NO. <b>1092</b>	REV.
SHEET NO. <b>4</b>	OF <b>8</b>

Approved as complying with the Florida Building Code  
Date  
NOA#  
Miami Dade Product Control Division  
By *Manuel Suez*

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 01/31/02
NO.	REVISION DESCRIPTION



**"F-ANCHOR" DETAIL**  
(TYP. AT SIDE JAMB MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBER NOT SHOWN FOR CLARITY.

**"M-ANCHOR" DETAIL**  
(TYP. AT INTERMEDIATE MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.

**"M-ANCHOR" DETAIL**  
(TYP. AT CORNER MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.

Approved as complying with the  
Florida Building Code  
Date \_\_\_\_\_  
NOA# \_\_\_\_\_  
Miami Dade Product Control  
Division \_\_\_\_\_  
By *Manuel Perez*

DRAWING TITLE  
**7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM**

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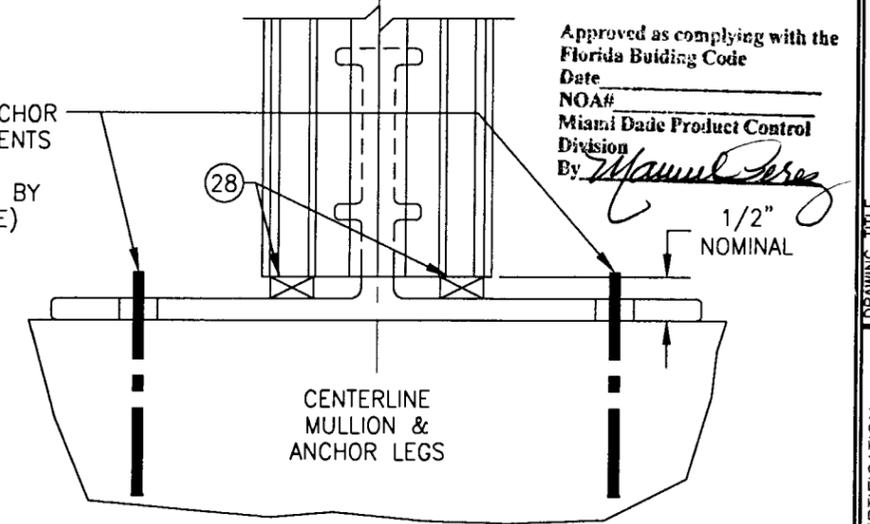
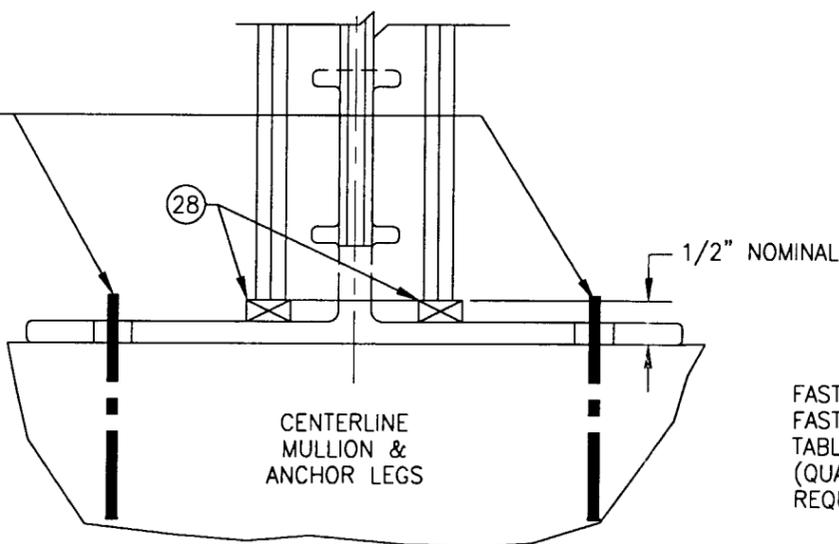
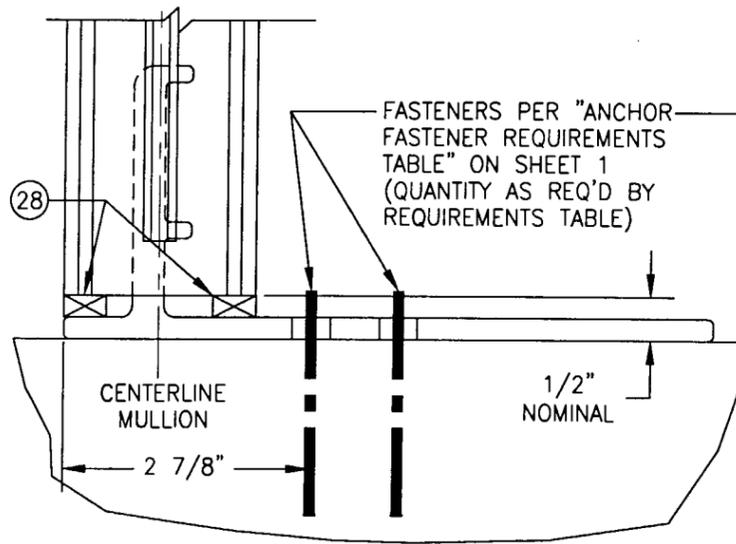
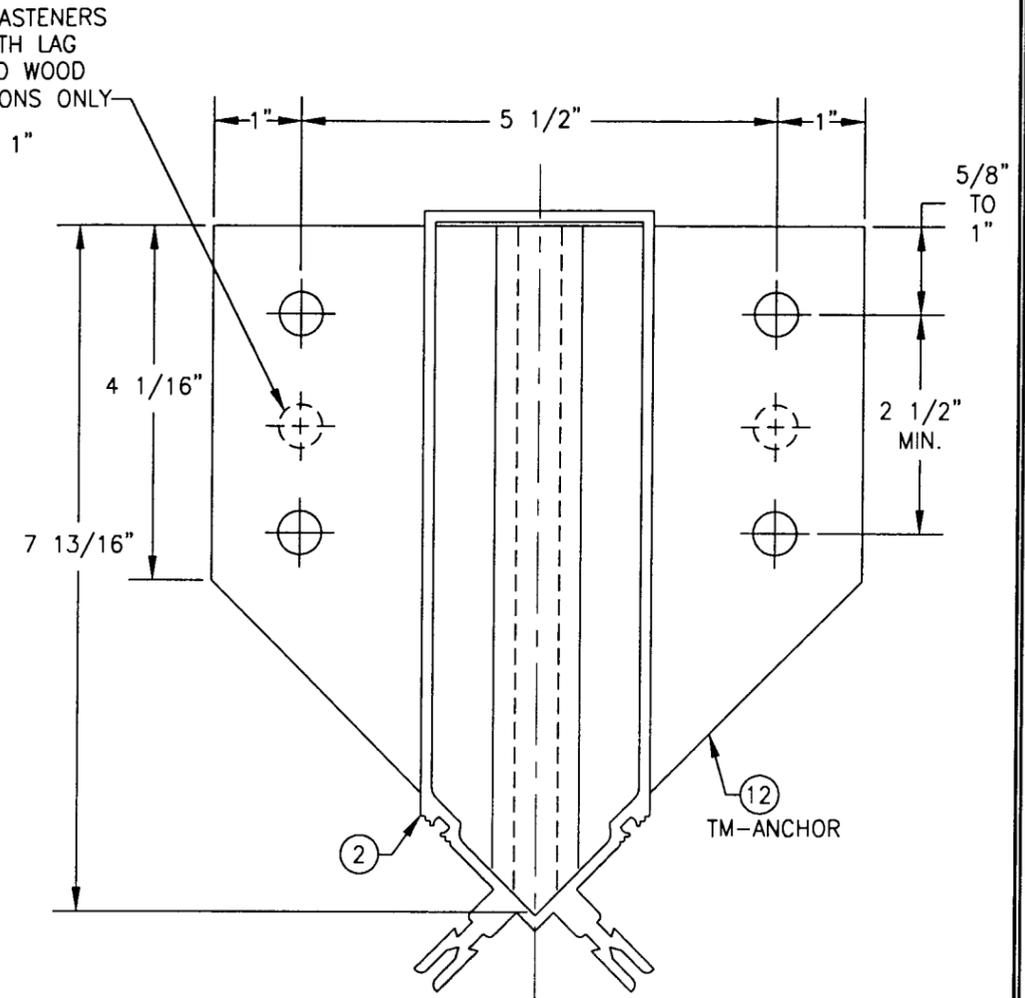
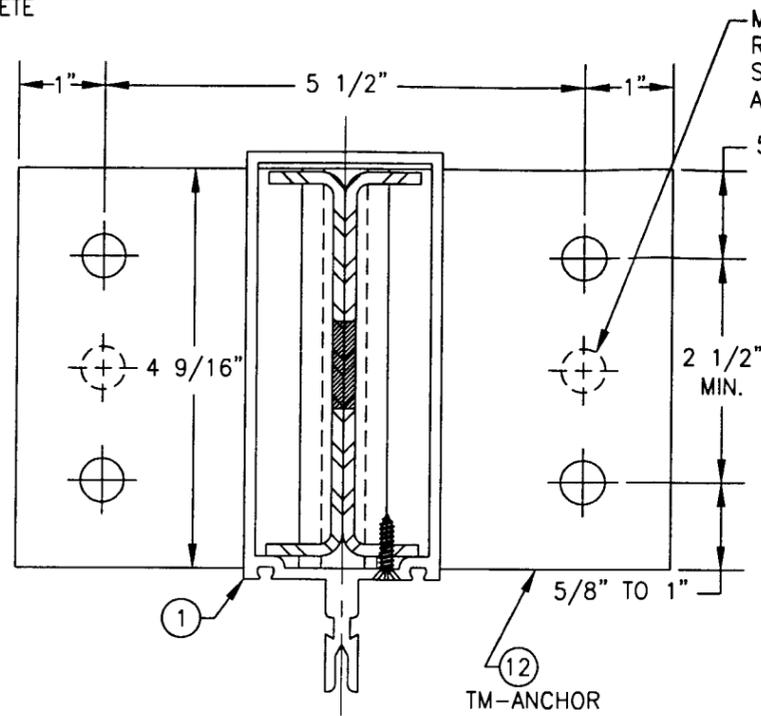
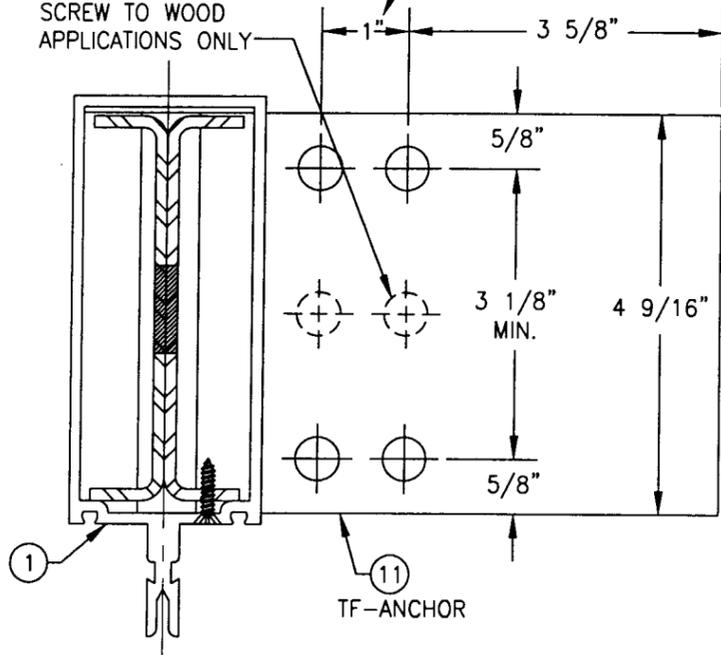
MANUFACTURER  
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1000 COUNTY ROAD, P.O. BOX 609  
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800-221-4169

CERTIFICATION  
*APR 25 2002*  
WARREN W. SCHAEFER, P.E.  
P.E. NO. 44135

DRAWING NO. **1092**  
SHEET NO. **5** OF **8**

MIDDLE FASTENERS REQ'D WITH LAG SCREW TO WOOD APPLICATIONS ONLY

USE 1 1/2" SPACING WITH WEDGE ANCHOR APPLICATIONS TO PROTECT AGAINST CONCRETE CRACKING.



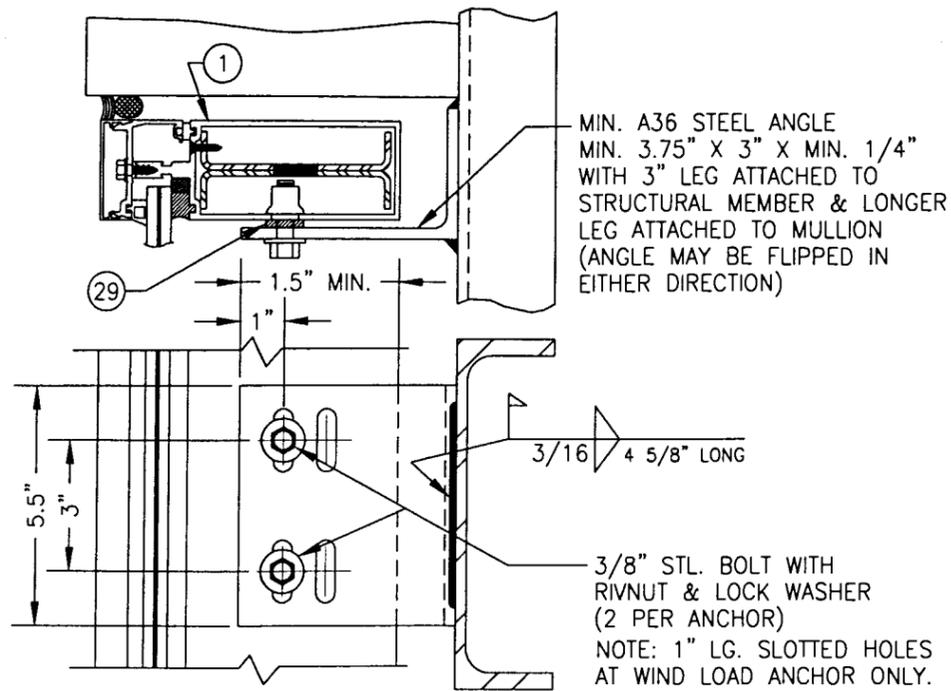
Approved as complying with the Florida Building Code  
Date \_\_\_\_\_  
NOA# \_\_\_\_\_  
Miami Dade Product Control Division  
By *Manuel Perez*

**"TF-ANCHOR" DETAIL**  
(TYP. AT SIDE JAMB MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBER NOT SHOWN FOR CLARITY.

**"TM-ANCHOR" DETAIL**  
(TYP. AT INTERMEDIATE MULLIONS)  
NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.

**"TM-ANCHOR" DETAIL**  
NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.  
(TYP. AT CORNER MULLIONS)

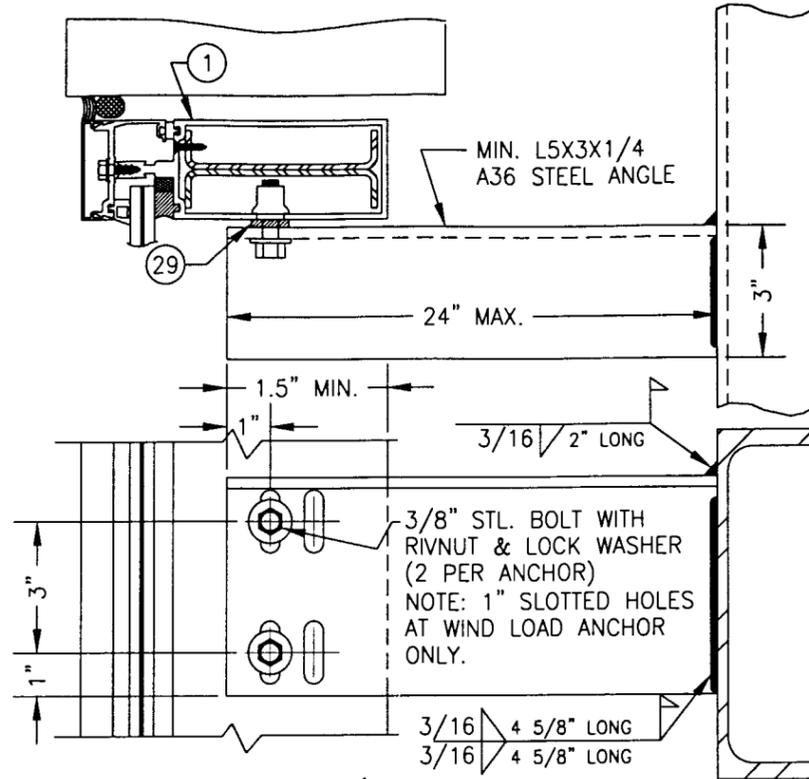
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<b>MANUFACTURER</b> EFCO CORPORATION 1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169	
<b>CERTIFICATION</b> APR 25 2002	<b>P.E.</b> WARREN W. SCHAEFER, P.E. P.E. NO. 44135
<b>DRAWING NO.</b> 1092	<b>REV.</b>
<b>SHEET NO.</b> 6 OF 8	



**DEAD LOAD & WIND LOAD ANCHOR DETAIL**

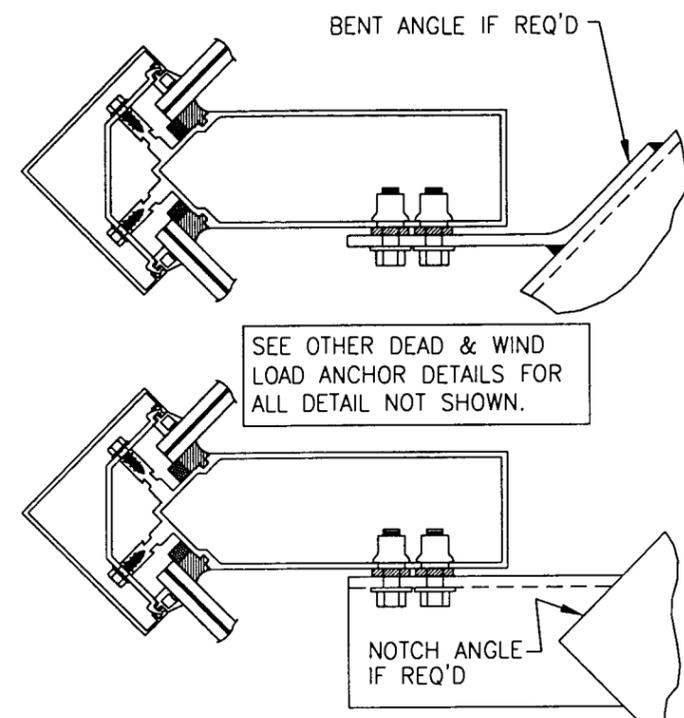
(TYP. AT JAMB MULLIONS)

(WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)



**EXTENDED DEAD LOAD & WIND LOAD ANCHOR DETAIL**

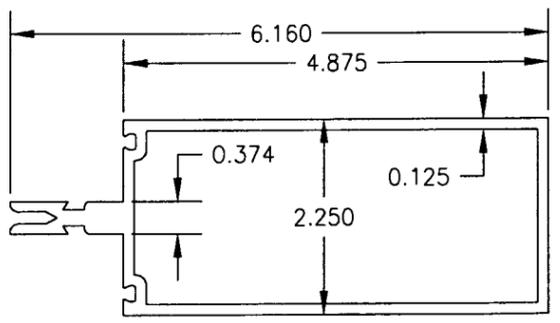
(TYP. AT JAMB MULLIONS) (WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)



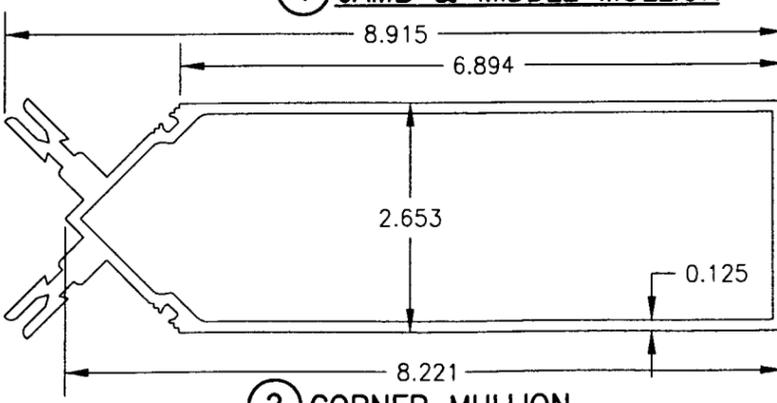
**DEAD LOAD & WIND LOAD ANCHOR DETAIL**

(TYP. AT CORNER MULLS)

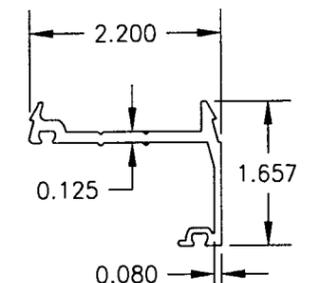
NOTE: DEAD LOAD & WIND LOAD ANCHOR DETAILS ARE SAME AT CORNER MULLION.



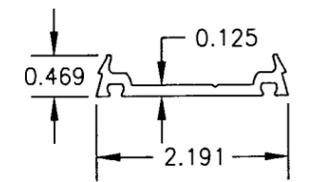
**1 JAMB & MIDDLE MULLION**



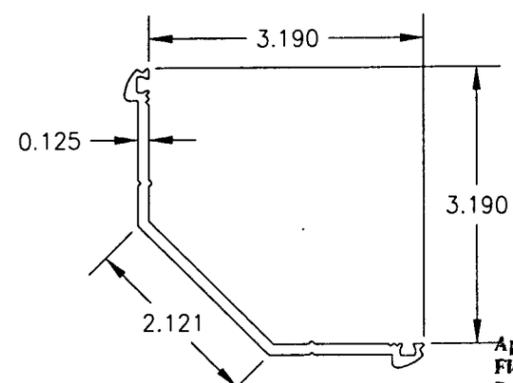
**2 CORNER MULLION**



**3 JAMB PRESSURE PLATE**

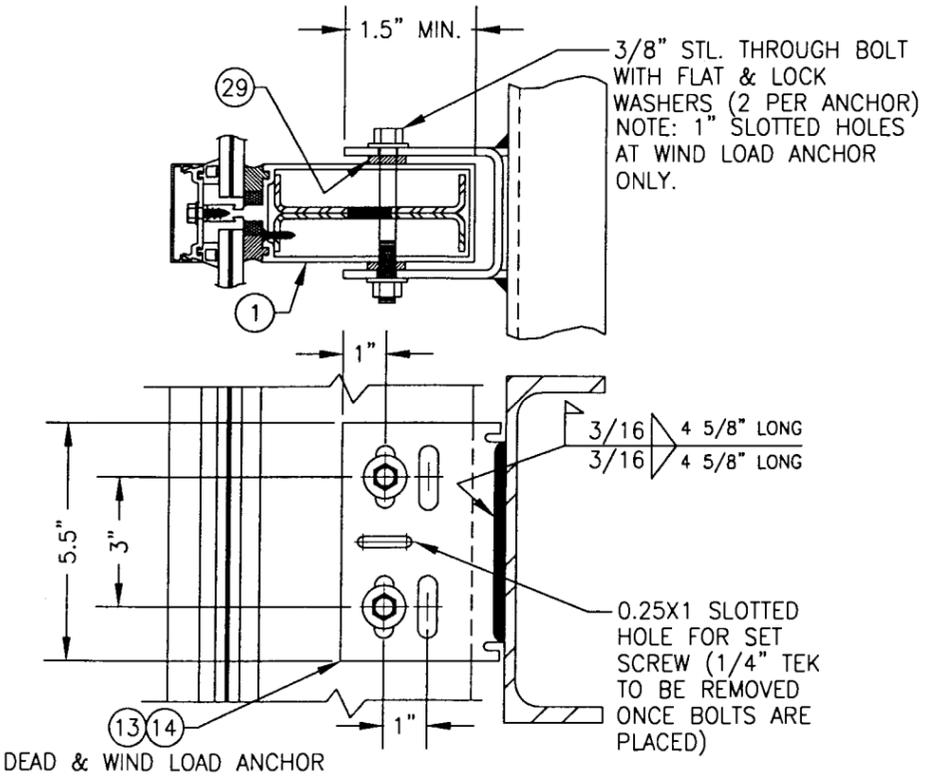


**4 MID MULLION PRESSURE PLATE**



**5 CORNER MULL PRESSURE PLATE**

Approved as complying with the  
Florida Building Code  
Date \_\_\_\_\_  
NOA# \_\_\_\_\_  
Miami Dade Product Control  
Division  
By *Manuel Perez*

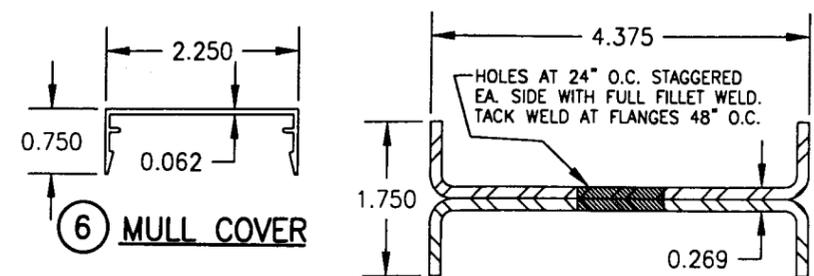


**DEAD LOAD & WIND LOAD ANCHOR DETAIL**

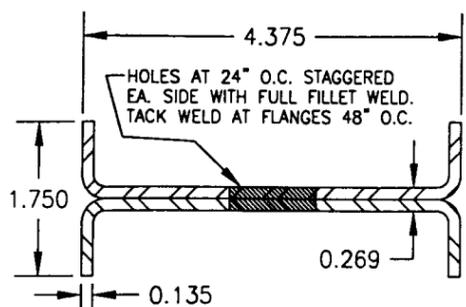
(TYP. AT INTERMEDIATE MULLIONS)

(WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)

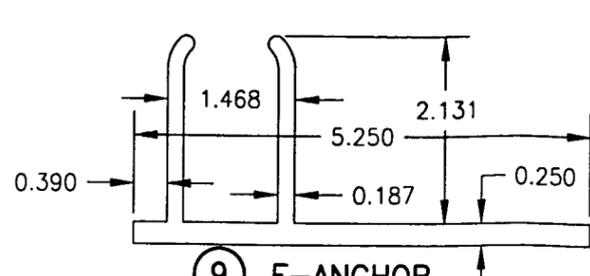
DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 01/31/02
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE <b>7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM</b>	
MANUFACTURER <b>EFCO CORPORATION</b>	
1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION <b>APR 25 2002</b>	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. <b>1092</b>	REV.
SHEET NO. <b>7</b>	OF <b>8</b>



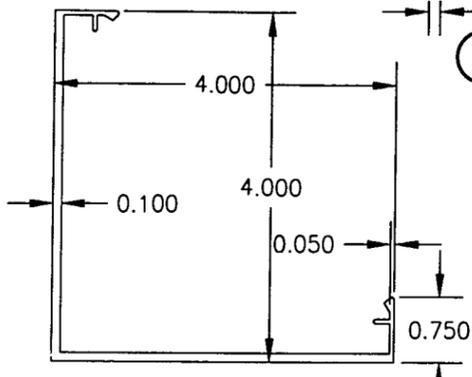
6 MULL COVER



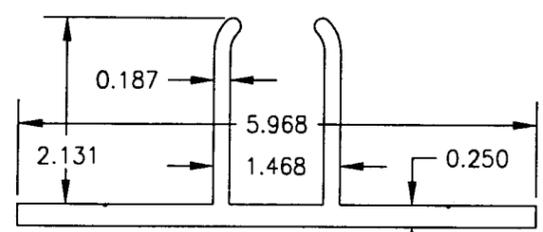
8 MULLION REINFORCEMENT



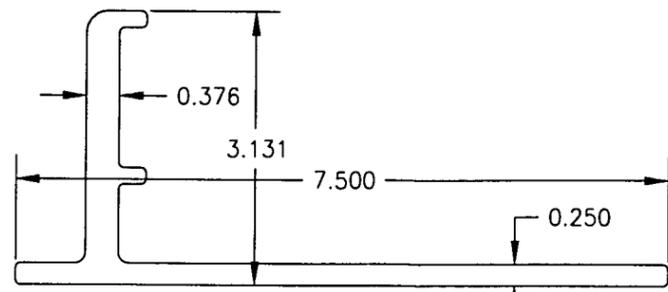
9 F-ANCHOR



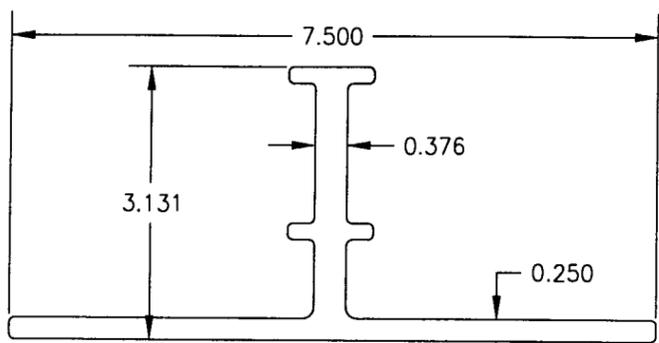
7 CORNER MULL COVER



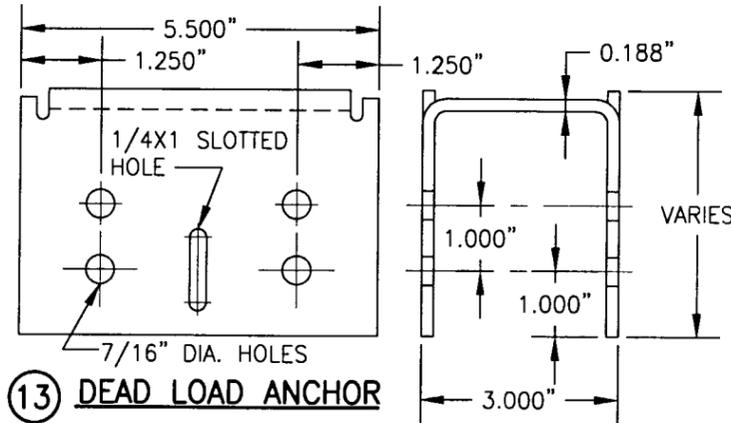
10 M-ANCHOR



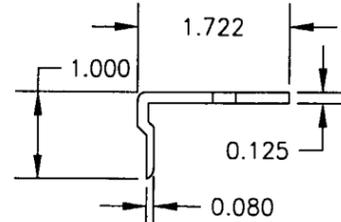
11 TF-ANCHOR



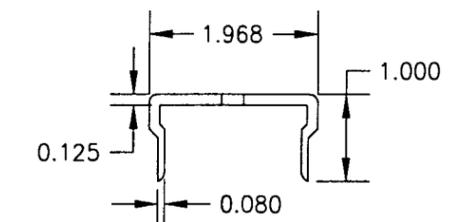
12 TM-ANCHOR



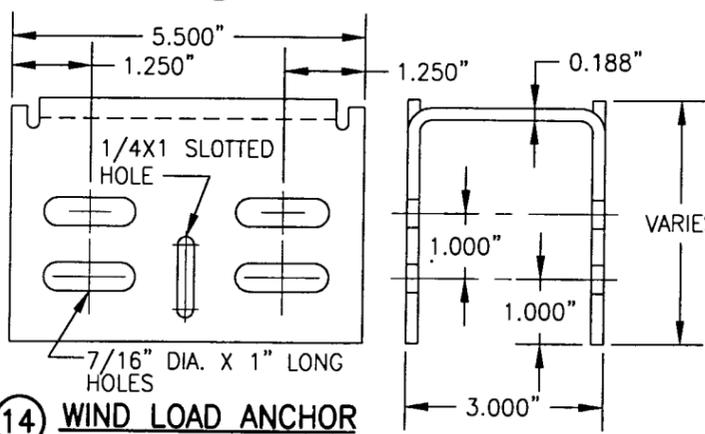
13 DEAD LOAD ANCHOR



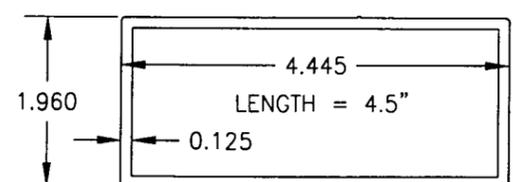
17 HEAD/SILL SHEAR BLOCK  
LENGTH = 4.375" @ MID & JAMB MULLS & 7.187" @ CORNER MULLS (ENDS ARE MITERED 45 DEG. AT CORNER MULLIONS)



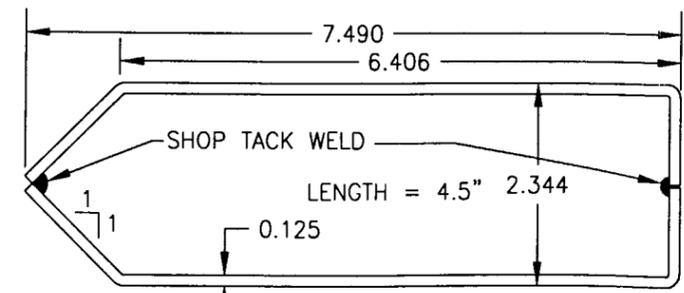
19 MID MULL SHEAR BLOCK  
LENGTH = 4.375" @ MID & JAMB MULLS & 7.187" @ CORNER MULLS (ENDS ARE MITERED 45 DEG. AT CORNER MULLIONS)



14 WIND LOAD ANCHOR



15 MULLION SPLICE



16 CORNER MULLION SPLICE

ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	6094	JAMB & MIDDLE MULLION	EFCO; 6063-T6 ALUMINUM
2	5090	CORNER MULLION	EFCO; 6063-T6 ALUMINUM
3	5977	JAMB PRESSURE PLATE	EFCO; 6063-T6 ALUMINUM
4	5959	MIDDLE MULLION PRESSURE PLATE	EFCO; 6063-T6 ALUMINUM
5	5904	CORNER MULLION PRESSURE PLATE	EFCO; 6063-T6 ALUMINUM
6	5882	MULLION COVER	EFCO; 6063-T6 ALUMINUM
7	5905	CORNER MULLION COVER	EFCO; 6063-T6 ALUMINUM
8	SR6094A	DOUBLE CHANNEL MULL REINF.	EFCO; A36 MIN. STEEL
9	5878	F-ANCHOR	EFCO; 6063-T6 ALUMINUM
10	4026	M-ANCHOR	EFCO; 6063-T6 ALUMINUM
11	3709	TF ANCHOR	EFCO; 6063-T6 ALUMINUM
12	3708	TM ANCHOR	EFCO; 6063-T6 ALUMINUM
13	-	DEAD LOAD ANCHOR	EFCO; A36 MIN. STEEL
14	-	WIND LOAD ANCHOR	EFCO; A36 MIN. STEEL
15	5918	MULLION SPLICE	EFCO; 6063-T6 ALUMINUM
16	KX70	CORNER MULLION SPLICE	EFCO; A36 MIN. STEEL
17	KY49/KY50 6333	HEAD/SILL SHEAR BLOCK	EFCO; 6063-T6 ALUMINUM
18	KT50/KT51 6333	HEAD/SILL SHEAR BLOCK (CORNER MULL)	EFCO; 6063-T6 ALUMINUM
19	KW03/5879	MID MULL SHEAR BLOCK	EFCO; 6063-T6 ALUMINUM
20	KW61/5879	MID MULL SHEAR BLOCK (CORNER MULL)	EFCO; 6063-T6 ALUMINUM
SEALS, SEALANTS & SHIMS			
21	WEP7	3/16" SILICONE SPACER	EPG
22A	W163	3/8" PRESET PEROXIDE CURE EPDM	EPG
22B	W162	7/16" PRESET PEROXIDE CURE EPDM	EPG
23	WM88	5/16" X 7/16" V2100	NORTON
24	HN16	0.187" X 0.812" X 4" GLAZING BLOCK	EPG
25	WNCB	1/8" PRESET 70 DUROMETER EPDM	EPG
26	WM87	5/16" X 1/4" V2100	NORTON
27	HN91	0.187" X 1.0" X 4" GLAZING BLOCK	EPG
28	HS01	POLYSTYRENE SHIM	FALMOUTH PLASTIC
29	HS01	POLYSTYRENE SHIM	FALMOUTH PLASTIC
MISCELLANEOUS FASTENERS			
30	STCO	13-16 X 5/8" HWH S.S. SMS SCREW	6" O.C.
31	SPCO	NO. 8 X 3/4 PL FH SMS SCREW	3/MULL REINFORCEMENT SECTION

DRAWING TITLE	DRAWN BY:	CHECKED BY:
	W.S.	W.S.
CONSULTANTS	PLOT:	DATE:
	1=2	01/31/02
DRAWING NO.	DATE	
REVISION DESCRIPTION	BY	
NO.	DESCRIPTION	
7" DEEP SERIES 5600 SMALL MISSILE IMPACT CURTAIN WALL SYSTEM		
MANUFACTURER		
EFCO CORPORATION		
1000 COUNTY ROAD, P.O. BOX 609		
MONETT, MO 65708-0609		
800-221-4169		
DRAWING TITLE	CONSULTANTS	
	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	
DRAWING NO.	600 SANDTREE DRIVE, SUITE 203B	
	PALM BEACH GARDENS, FL 33403	
SHEET NO.	PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION	APR 25 2007	
	WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
Approved as complying with the Florida Building Code		
Date		
NOA#		
Miami Dade Product Control		
Division		
By <i>Manuel Perez</i>		
DRAWING NO.	REV.	
1092		
SHEET NO.		
8	OF	8