

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)

www.buldingcodeonline.com

YKK AP America, Inc.
332 Firetower Road
Dublin, GA 31021

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: YHC-300 SSG Hurricane Insulated Glazing Aluminum Curtain Wall System – SMI

APPROVAL DOCUMENT: Drawing No. YHC-300-SSG-IS, titled "YHC 300 SSG Insulated Glazing", sheets 1 through 29 of 29, dated 7/8/02, prepared by manufacturer, and 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

LIMITATIONS: Maximum Design Pressure Rating on Note #1, Sheet 1 of 29 and Maximum Design Load "W" on Sheet 26 of 29 SHALL BE DIVIDED BY 1.33 to obtain the Allowable Design Pressure.

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 revises and renews NOA # 02-1016.03 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



NOA No. 07-0529.16
Expiration Date: May 30, 2008
Approval Date: June 28, 2007
Page 1

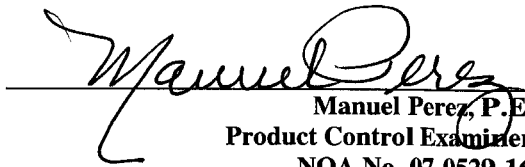
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **YHC-300-SSG-IS**, titled "YHC 300 SSG Insulated Glazing", sheets **1** through 29 of 29, dated 7/8/02, prepared by manufacturer.

B. TESTS

1. Test reports on: 1) Small Missile Impact Test per SFBC, PA 201-94
2) Large Missile Impact Test per SFBC, PA 201-94
3) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked drawings and installation diagram of unit of O-O-O, prepared by American Test Lab of South Florida, Test Report No. **0925.01-01** dated 1/11/02, signed and sealed by William R Mehner, P.E.
2. Test reports on: 1) Small Missile Impact Test per SFBC, PA 201-94
2) Large Missile Impact Test per SFBC, PA 201-94
3) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked drawings and installation diagram of unit of O-O, prepared by Hurricane Test Laboratory, Inc., Test Report Job **0231-0401-01** dated 4/11/01, signed and sealed by Vinu J. Abraham, P.E.
3. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test, SFBC PA 201-94
5) Cyclic Loading Test, per SFBC PA 203-94
along with installation diagram of an aluminum curtain wall system prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL-210-2274-7(S)(I)(C)**, dated 01/28/00, signed and sealed by Barry D. Portnoy, P.E.
The following tests were submitted under original file (98-0724.08):
4. Test reports on: 1) Large Missile Impact Test, SFBC PA 201-94
2) Cyclic Loading Test, per SFBC PA 203-94
along with installation diagram of an aluminum curtain wall system, prepared National Certified Testing Laboratories, Test Report No. **NCTL-210-1994-3 (I, C)**, dated 2-10-98, signed and sealed by Barry Portnoy P.E.
5. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with installation diagram of an aluminum curtain wall system prepared by Construction Research Laboratory, Inc., Test Report No. **CRL-6408B**, dated May 2, 1997, signed and sealed by Nari Balsara, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 07-0529.16
Expiration Date: May 30, 2008
Approval Date: June 28, 2007

YKK AP America, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. Test reports on: 1) Large Missile Impact Test, SFBC PA 201-94
2) Cyclic Loading Test, per SFBC PA 203-94
along with installation diagram of aluminum curtain wall system, prepared National Certified Testing Laboratories, Test Report No. **NCTL-210-1903-1 (I, C)**, dated 4/22/97, signed and sealed by Barry Portnoy P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, prepared by Tilteco Inc., dated February 20 and November 15, 2002, signed and sealed by Walter A. Tillit, P.E.
Complies with ASTM E1300-98/02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

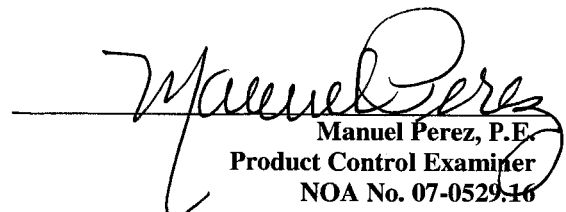
1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite PVB Interlayer**" dated 01/05/06, expiring on 12/11/10.
2. Notice of Acceptance No. **03-0421.01** issued to Solutia Inc. for their "**Saflex HP a polyvinyl butryal interlayer for lamination of glass**" dated 05/22/03, expiring on 04/14/08.

F. STATEMENTS

1. Statement letter of conformance, dated May 10, 2007, issued by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter from manufacturer stating that the product has not changed and requesting a One-Year Renewal to allow the time to perform a verification test, dated May 9, 2007, signed by Jose I. Archila, Product Development Manager.

G. OTHER

1. Notice of Acceptance No. **02-1016.03**, issued to YKK AP America, Inc., for their Series "YHC-300 SSG Hurricane Curtain Wall Insulated Glazing, approved on 12/12/02 and expiring on 05/30/07.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 07-0529.16
Expiration Date: May 30, 2008
Approval Date: June 28, 2007

YHC-300 SSG HURRICANE CURTAIN WALL INSULATED GLAZING
SMALL MISSILE IMPACT RATED
(SEE SEPARATE NOA FOR LARGE MISSILE AND/OR SINGLE GLAZING)

REV.	DESCRIPTION	BY	DATE

INDEX OF DRAWINGS

TYPES	CONTENTS	SHEET #
GENERAL	COVER SHT. & GENERAL NOTES	1
ELEVATIONS	ELEVATIONS KEYED TO SINGLE GLAZING DETAILS	2
GEN. DETAILS	TYPICAL SEALANT DETAILS	3
DETAILS FOR SINGLE GLAZING	TYPICAL DETAILS	4
	90° CORNER	5
	HEAD OPTIONS	6
	SILL OPTIONS	7
	HORIZ. SECTION NEAR 90° CORNER	8
	STOREFRONT & DOOR	9,10
SECTION & ANCHOR DETAILS	INTERMEDIATE HORIZONTALS	11
	HEAD ANCHOR OPTIONS	12
	SILL ANCHOR OPTIONS	13
	SPLICE & ANCHOR CLIP	14,15,16
	MID-ANCHOR CLIP	17,18,19
	STOREFRONT & DOOR ANCHOR	20
	90° CORNER ANCHOR	21
	SPLICE & ANCHOR CLIP @ 90° CORNER	22,24
	MID-ANCHOR CLIP @ 90° CORNER	23,24
MATERIAL LIST	BILL OF MATERIALS FOR SINGLE GLAZING	25
DESIGN LOAD VERIFICATION CHARTS.	MULLION CHART	26
	ANCHOR BOLT GUIDE -SINGLE SPAN-	27
	ANCHOR BOLT GUIDE -TWIN SPAN-	28
	GLASS CHART	29.

- GENERAL NOTES:
1. MAXIMUM DESIGN PRESSURE RATING IS +90 PSF, -90 PSF.
 2. SEE SHEET 26 TO DETERMINE MAX. DESIGN LOAD CAPACITY OF MULLION FOR VARIOUS CONFIGURATIONS AND REINFORCEMENT. THE RESULT SHALL BE USED AS THE SYSTEM MAXIMUM LOAD CAPACITY.
 3. REFER TO ANCHOR SCHEDULE ON SHEET 2 FOR ANCHOR TYPE IDENTIFICATION. ALSO, SEE SHEETS 27 & 28 TO VERIFY THE DESIGN LOAD CAPACITY OF VARIOUS ANCHOR BOLTS TO BE USED WITH THE END ANCHORS. RESULTS FROM THIS VERIFICATION SHALL NOT EXCEED THE CAPACITY OF THE SYSTEM AS PREVIOUSLY DETERMINED ON NOTE 2.
 4. THIS SYSTEM COMPLIES WITH THE SMALL IMPACT TEST REQUIREMENT PER THE 2001 EDITION OF THE FLORIDA BUILDING CODE AND THEREFORE NO SHUTTERS ARE REQUIRED FOR INSTALLATIONS ABOVE 30FT. FROM GRADE.
 5. ALUMINUM ALLOY ON ALL STRUCTURAL MEMBERS SHALL BE 6063-T5 WITH A MINIMUM YIELD STRENGTH OF 23 KSI. ALL PRODUCTS WITH THE MARKING "YKK AP AMERICA" AND "MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED" ARE IN COMPLIANCE WITH THIS SPECIFICATION FOR STRUCTURAL MEMBERS.
 6. SEE SHEET 29 TO DETERMINE DESIGN LOAD CAPACITY OF VARIOUS TYPES OF GLASS FOR DIFFERENT OPENING SIZES, BASED ON ASTM E-1300. HOWEVER, OTHER CONSIDERATIONS OF THE BUILDING CODE, REGARDING THE USE OF SAFETY GLASS, ETC. SHALL BE APPLIED AS NECESSARY. ALSO, GLASS MANUFACTURERS SHALL BE CONSULTED FOR THEIR RECOMMENDATIONS.
 7. SHOP DRAWINGS PREPARED BASED ON THIS APPROVAL AND TAKING INTO ACCOUNT THE SPECIFIC JOB CONDITIONS, SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AS PART OF THE PERMIT DOCUMENTS.
 8. STRUCTURAL STEEL NOTED ON THESE DRAWINGS AS "STEEL BY OTHERS" MUST WITHSTAND THE LOADS IMPOSED BY THE CURTAIN WALL SYSTEM.
 9. ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

GLASS TYPES APPROVED TO BE USED WITH THIS PRODUCT
(SEE SHEETS 29 TO DETERMINE DESIGN LOAD CAPACITY OF A PARTICULAR TYPE OF GLASS FOR DIFFERENT OPENING SIZES)

GLASS TYPE	DESCRIPTION	OVERALL NOMINAL THICKNESS	GLASS STR. QUALIFIED
Q1	1 5/16" OA. UNIT (1/4" GL + 1/2" AS + 1/4" GL. +0.060" PVB SAFLEX BY Solutia + 1/4" GL.) HEAT STRENGTHENED GLASS ONLY.	1 5/16"	HEAT STR. ONLY
Q2	1 5/16" OA. UNIT (1/4" GL + 1/2" AS + 1/4" GL. +0.060" PVB BUTACITE BY DUPONT + 1/4" GL.) HEAT STRENGTHENED GLASS ONLY.	1 5/16"	HEAT STR. ONLY

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0529.16
Expiration Date MAY 30, 2008
By *[Signature]*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY



YKK AP AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	NONE
DESCRIPTION			
TABLE OF CONTENTS & NOTES			
DRAWING NUMBER		REV.	
YHC-300-SSG-IS			
APPROVED BY	DRAWN BY	DATE	SHEET NO.
JIA	RTB	7/8/02	1 of 29

REV.	DESCRIPTION	BY	DATE

YHC 300 SSG SYSTEM – SMALL MISSILE

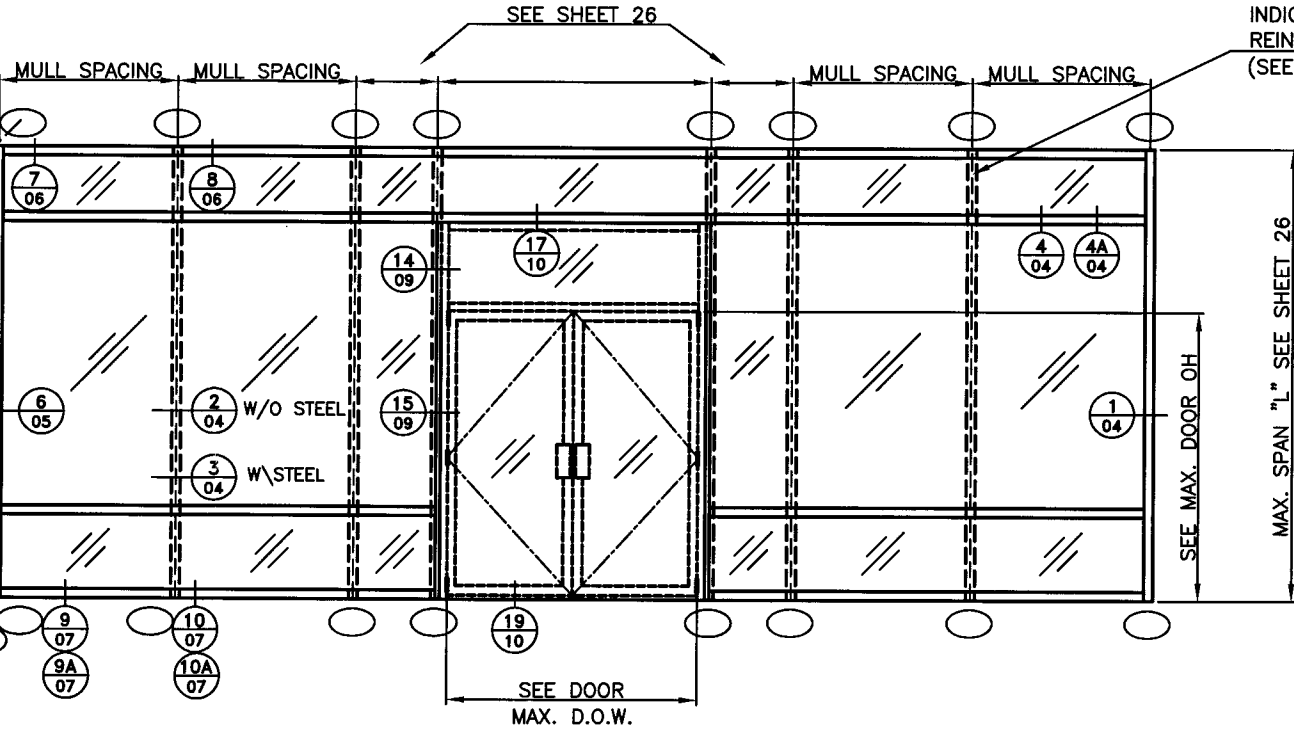
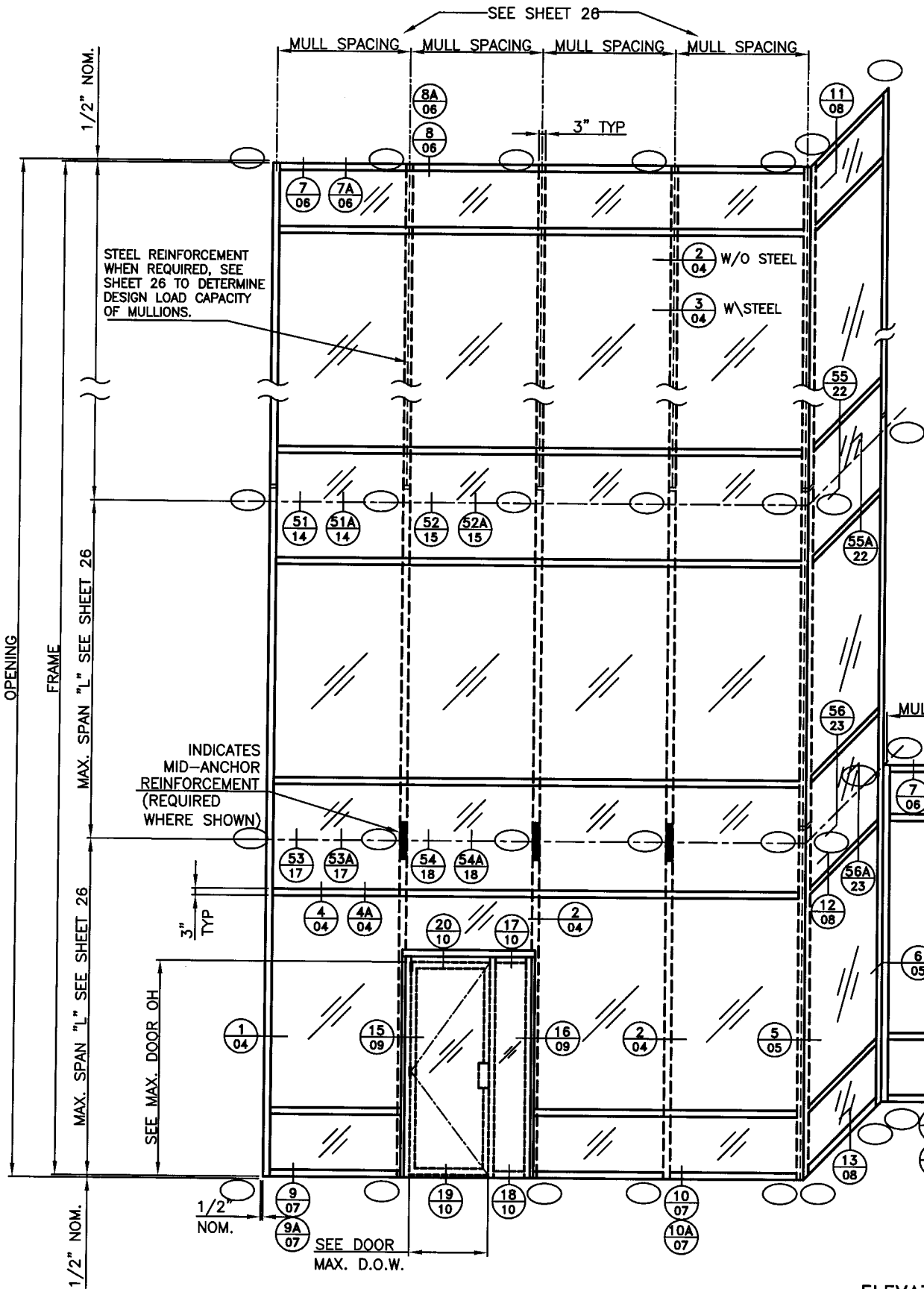
GENERAL NOTES FOR INSULATED GLAZING.

- DOOR AND STOREFRONT DETAILED HEREIN ARE:
DOOR; YKK MODEL 35H (PER CURRENT METRO-DADE N.O.A.)
STOREFRONT; YKK MODEL YHS-50 (PER CURRENT METRO-DADE N.O.A.)
REFER TO SPECIFIC DOCUMENTS ON THOSE PRODUCTS FOR FURTHER INFORMATION.
- SEE SHEET 26 TO DETERMINE DESIGN LOAD CAPACITY OF MULLIONS WITH AND W/OUT STEEL REINFORCEMENT.
- SEE SHEET 29 TO DETERMINE DESIGN LOAD CAPACITY OF VARIOUS TYPES OF GLASS FOR DIFFERENT OPENING SIZES.

ANCHOR SCHEDULE

		TYPICAL USE						REF. DET'S
SYMBOL	DESCRIPTION	SILL @ JAMB	SILL @ MULLION	HEAD @ JAMB	HEAD @ MULLION	INTERM. FLOOR @ JAMB	INTERM. FLOOR @ MULLION	
(J)	"J" ANCHOR	•(1)	•(2)					FF/13, GG/13
(F)	"F" ANCHOR	•		•				BB/12, HH/13
(T)	"T" ANCHOR		•		•			CC/12, JJ/13
(W)	WINDLOAD CLIP		•(1)	•(2)	•(1)	•(2)		DD+EE/12, 51/14 52/15, 53A/17
(D)	DEADLOAD CLIP*				•(1)	•(2)		51A/14, 52A/15 53/17, 54/18

* ONLY ONE DEADLOAD APPLICATION PER MULLION/JAMB SEGMENT, ANY OTHER ANCHOR IN THE SAME SEGMENT SHALL ALLOW FREE MOVEMENT DUE TO THERMAL EXPANSION. SEGMENTS SHALL BE CONNECTED BY MULLION SPLICE AS SHOWN ON SHEETS 14-16.



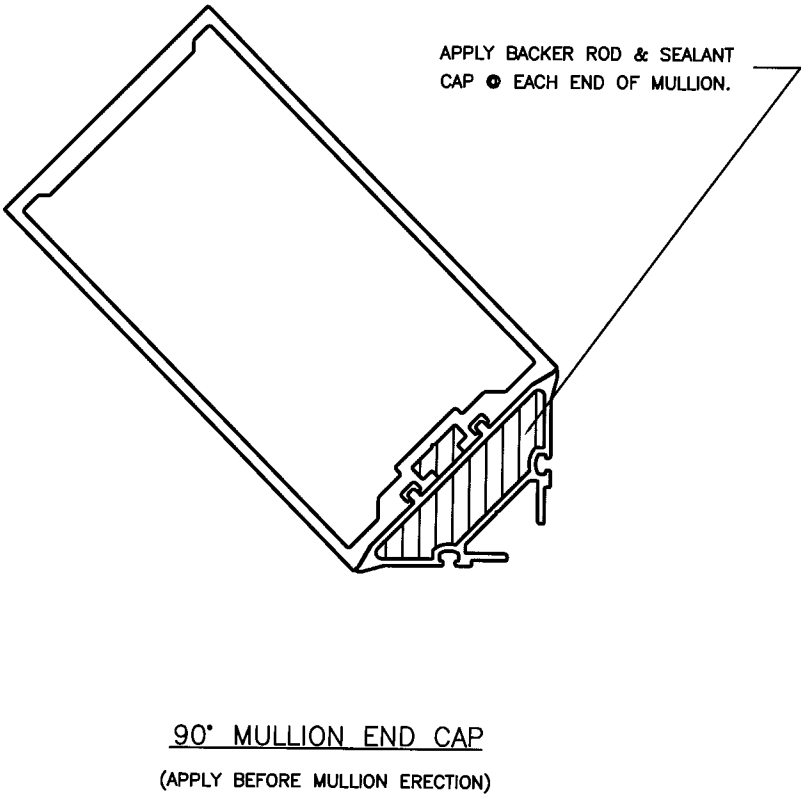
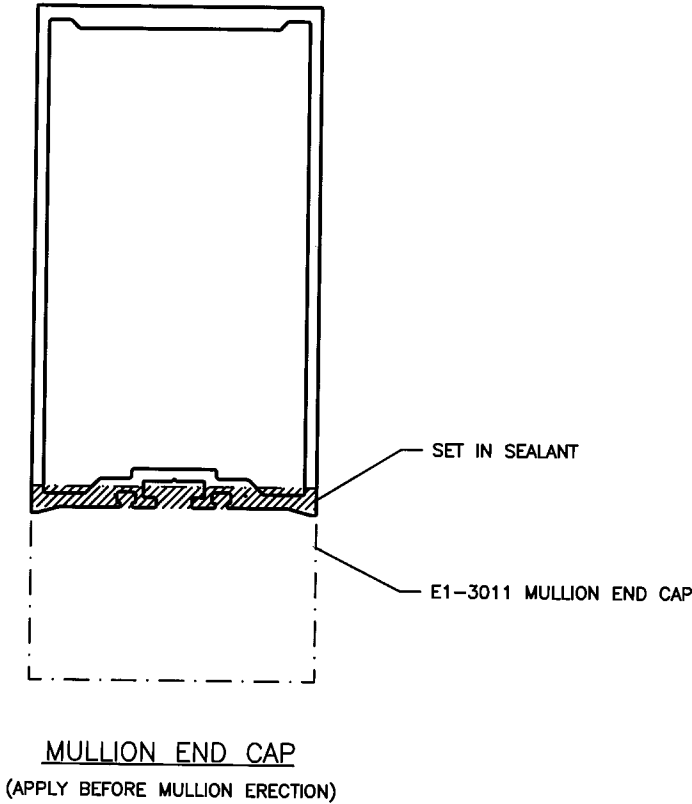
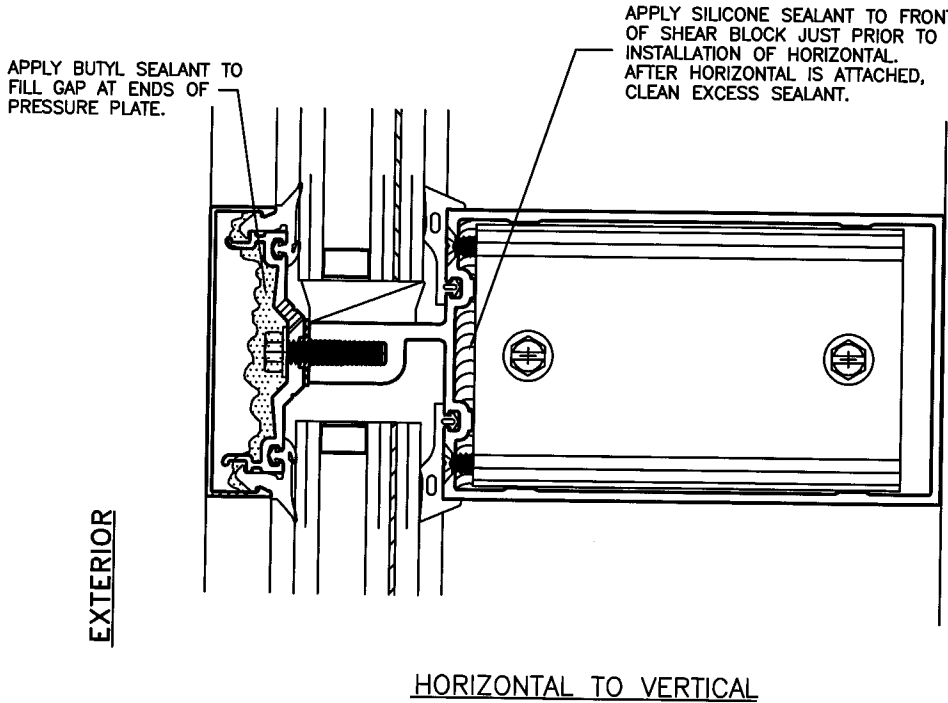
ELEVATION KEYED TO INSULATED GLAZING DETAILS
N.T.S.

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Acceptance No. 07-0529.16
Expiration Date MAY 30, 2008
By *Manuel Perez*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY			
		YKK AP AMERICA, INC. 5630 GUALTNEY DRIVE ATLANTA, GEORGIA 30336	
SYSTEM	YHC 300 INSULATED GLAZING		SCALE AS SHOWN
DESCRIPTION	ELEVATION		
DRAWING NUMBER	YHC-300-SSG-IS		REV.
APPROVED BY	DRAWN BY	DATE	SHEET NO.
JIA	RTB	7/8/02	2 OF 29

REV.	DESCRIPTION	BY	DATE

TYPICAL SEALING DETAILS



PRODUCT RENEWED

as complying with the Florida

Building Code

Acceptance No 07-0529.16

Expiration Date MAY 30 2008

By *Manuel Jara*

Miami Dade Product Control

Division

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YKK AP AMERICA, INC.

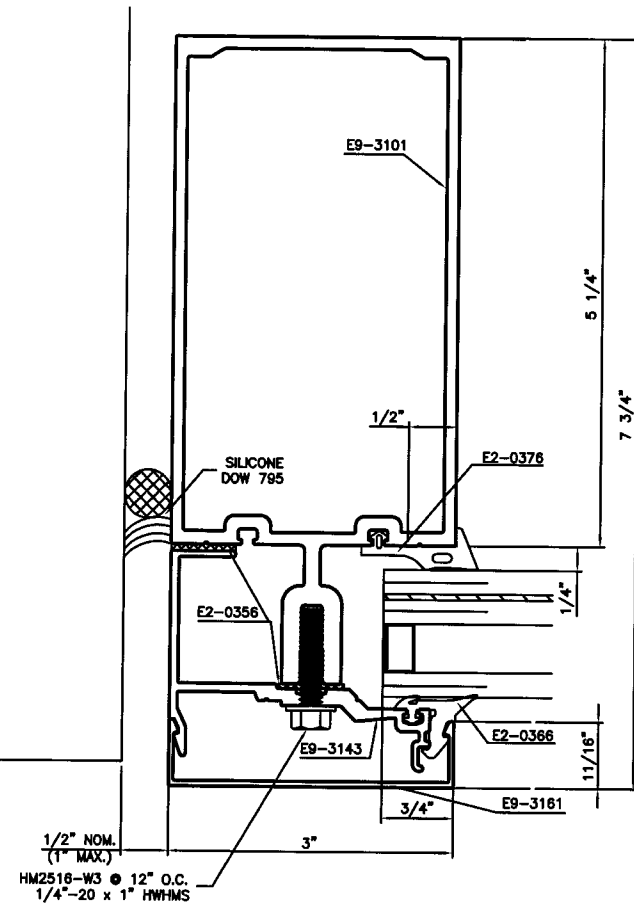
5630 GWALTNEY DRIVE

ATLANTA, GEORGIA 30338

SYSTEM		SCALE	
YHC 300 INSULATED GLAZING		1/2	
DESCRIPTION			
TYPICAL SEALING DETAIL			
DRAWING NUMBER		REV.	
YHC-300-SSG-IS			
APPROVED BY	DRAWN BY	DATE	SHEET NO.
JIA	RTB	7/8/02	3 OF 29

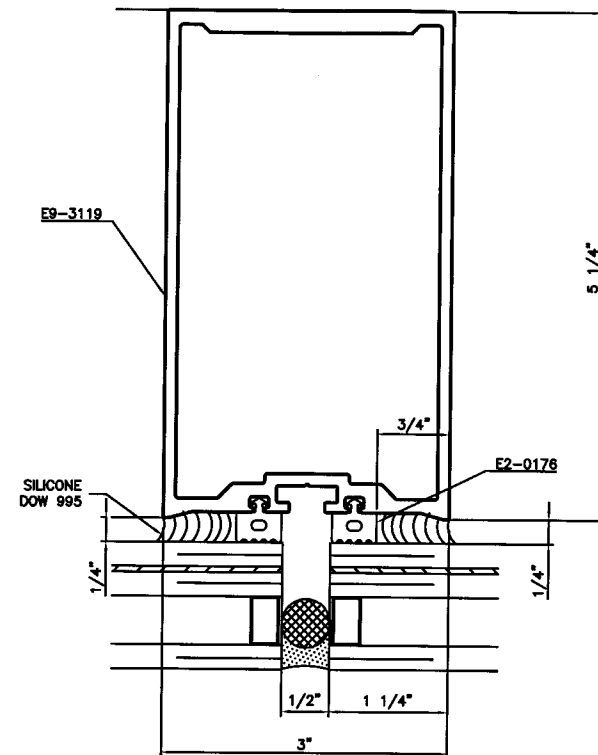
REV.	DESCRIPTION	BY	DATE

SECTION 1



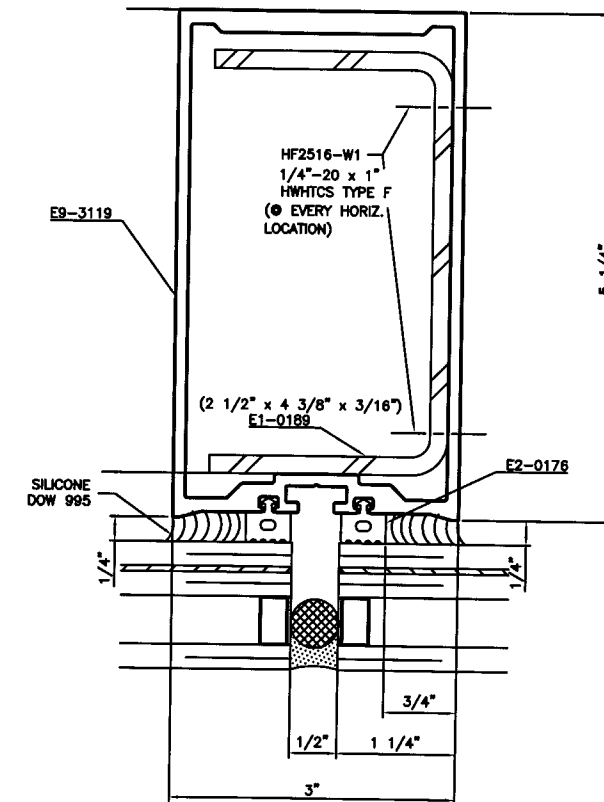
EXTERIOR

SECTION 2

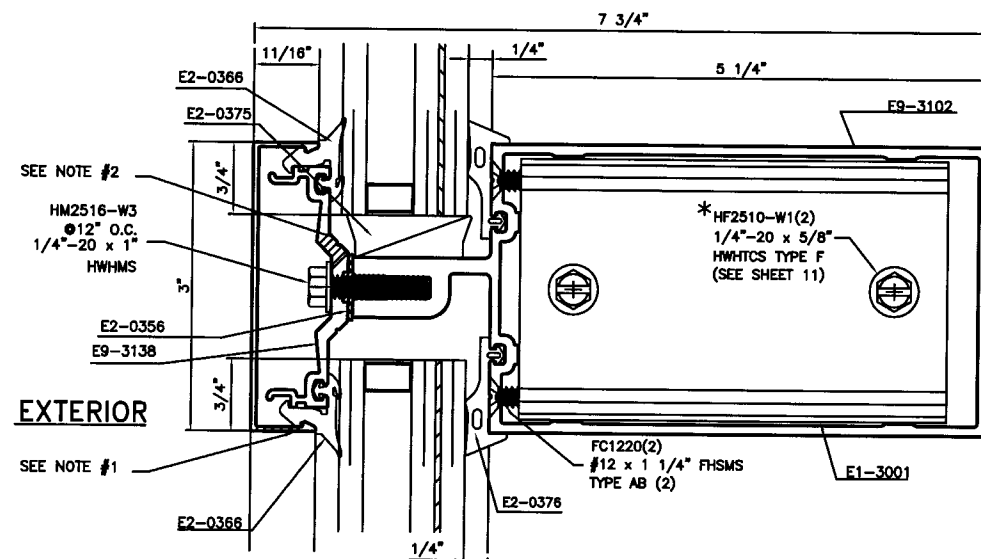


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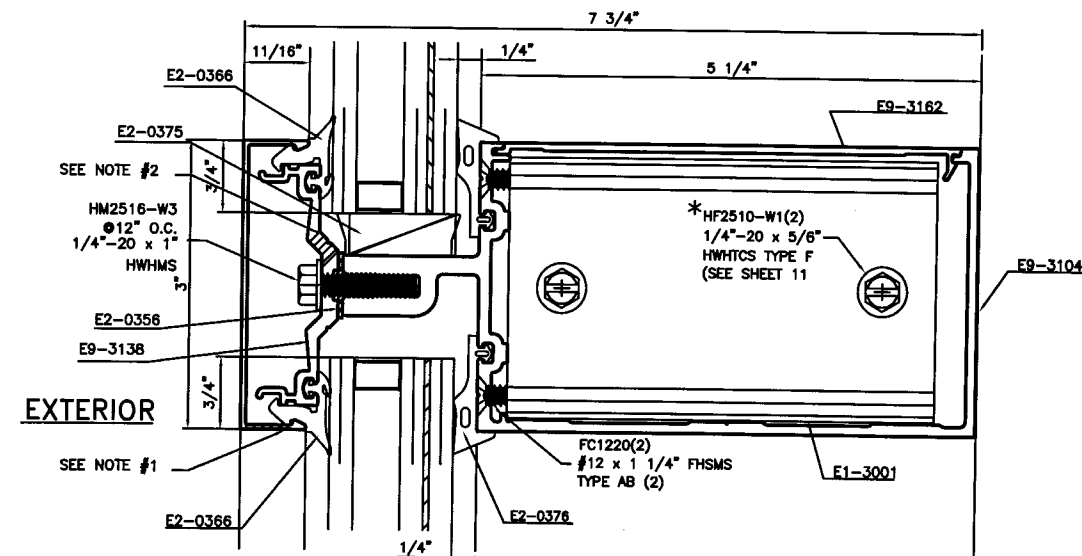
SECTION 3



- NOTE:
1. 5/16" DIA. WEEP HOLE (2) PER HORIZ. D.L.O. LOCATED 1/3 D.L.O. FROM MULLIONS.
 2. 5/16" DIA. WEEP HOLE (3) PER HORIZ. D.L.O. LOCATED 3" FROM EACH MULLION AND AT CENTER OF EACH D.L.O..



SECTION 4



SECTION 4A

* REPLACE 5/8" LONG SCREW (HF2510) WITH 1" LONG SCREW (HF2516) FOR ATTACHMENT OF STEEL REINFORCEMENT WHEN STEEL REINFORCEMENT OCCURS. (SEE A-A ON SHT. 11)

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 05-0529-16
Expiration Date MAY 30, 2008
By *Manuel Diaz*
Miami Dade Product Control
Division

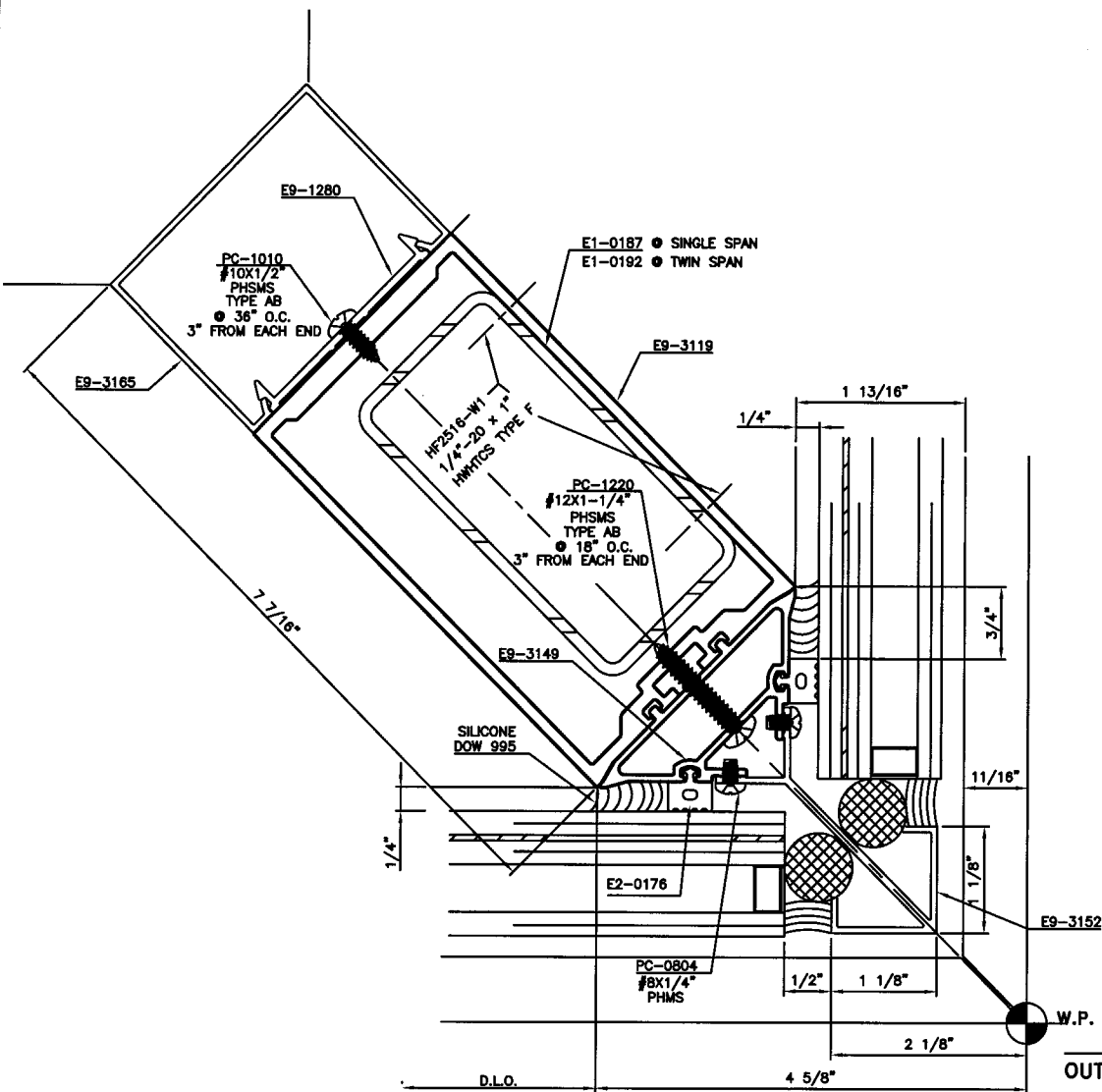
RESERVED FOR METRO-DADE USE ONLY



YKK AP AMERICA, INC.
5630 GUALTNEY DRIVE
ATLANTA, GEORGIA 30336

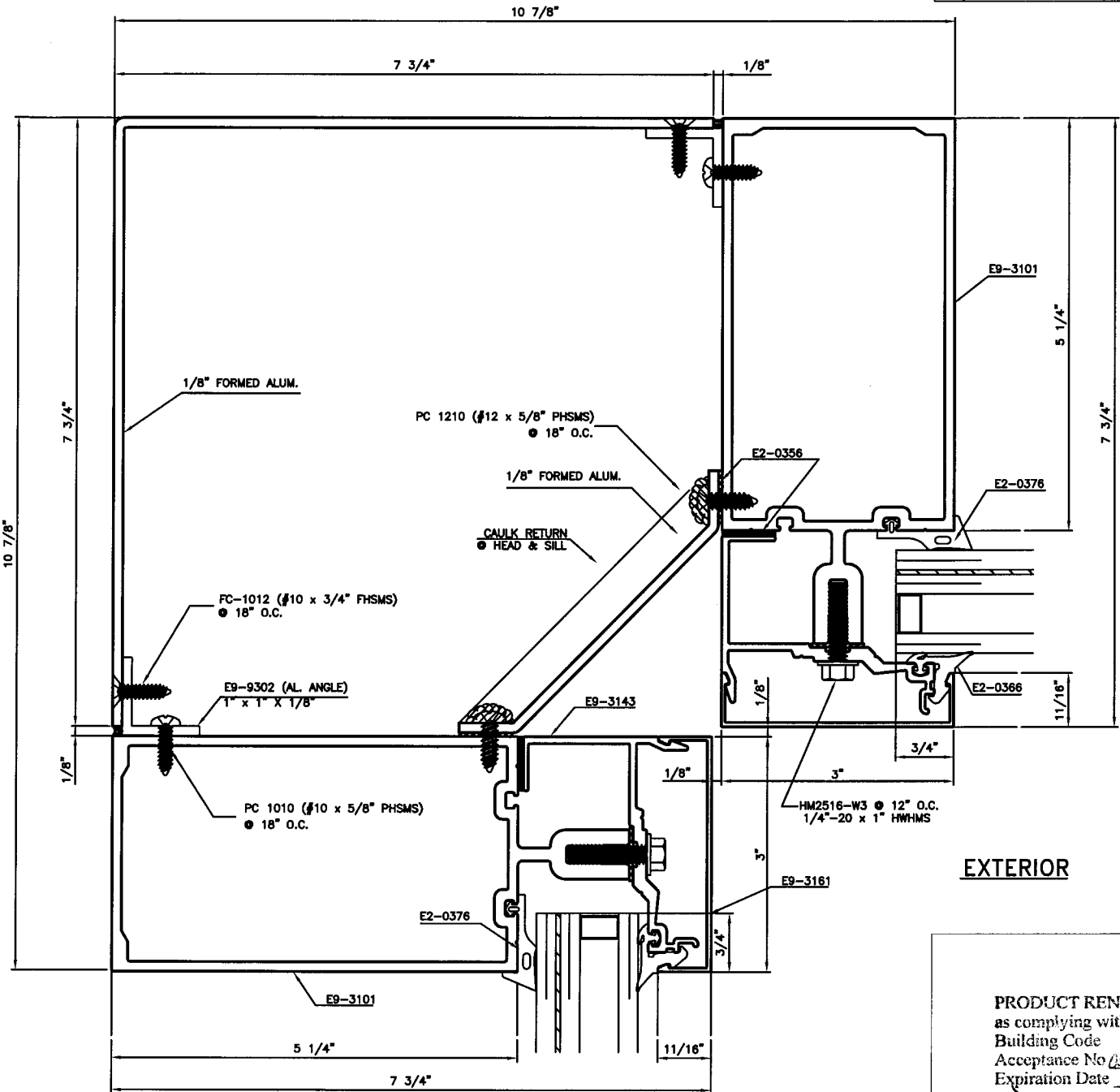
SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	TYPICAL DETAILS		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	RTB
DATE	7/08/02	SHEET NO.	4 OF 29

REV.	DESCRIPTION	BY	DATE



EXTERIOR

SECTION 5
OUTSIDE 90° CORNER



SECTION 6
INSIDE 90° CORNER

EXTERIOR

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 05-0529-16
Expiration Date MAY 30, 2008
By Manuel Sosa
Miami Dade Product Control
Division

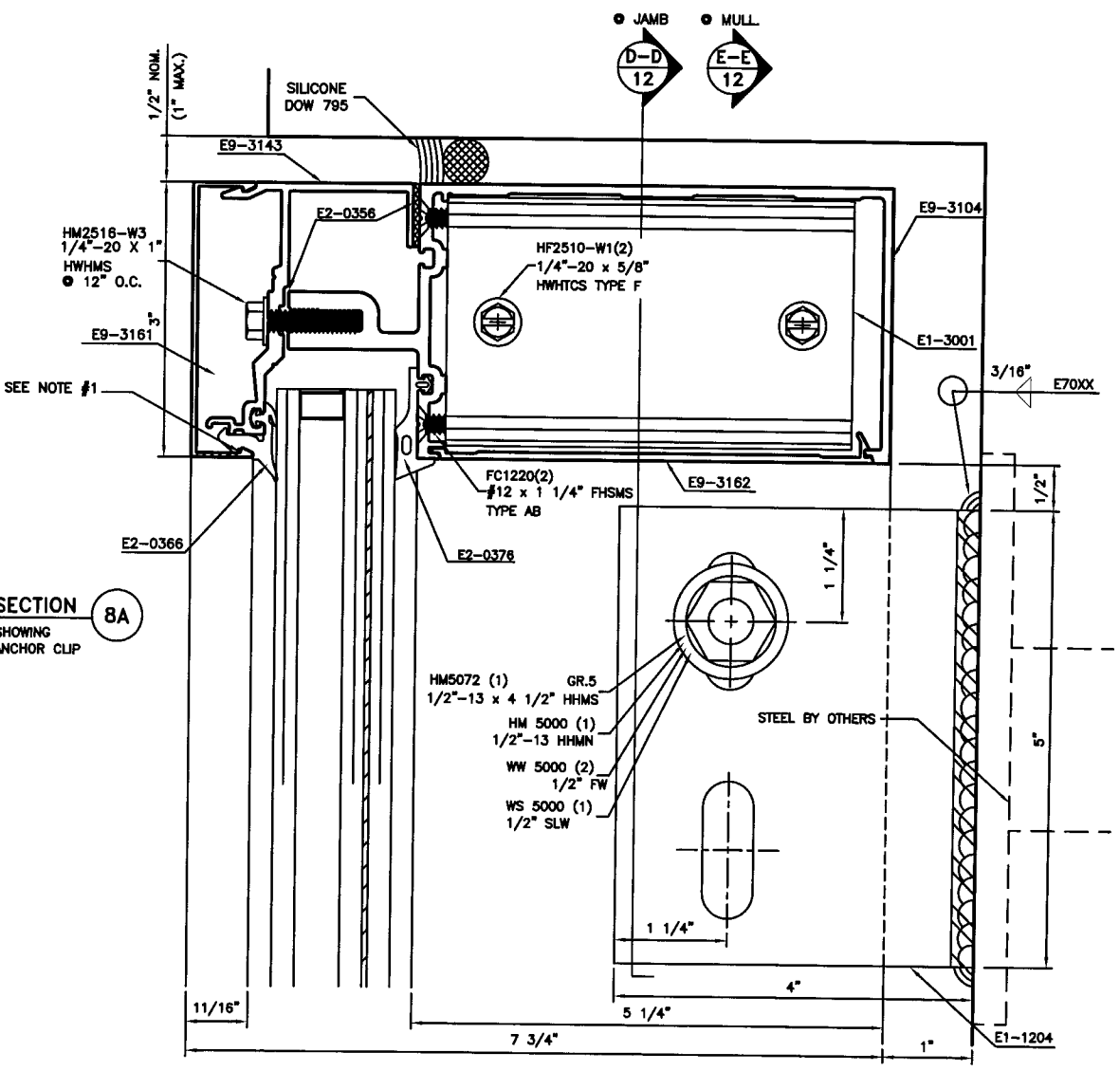
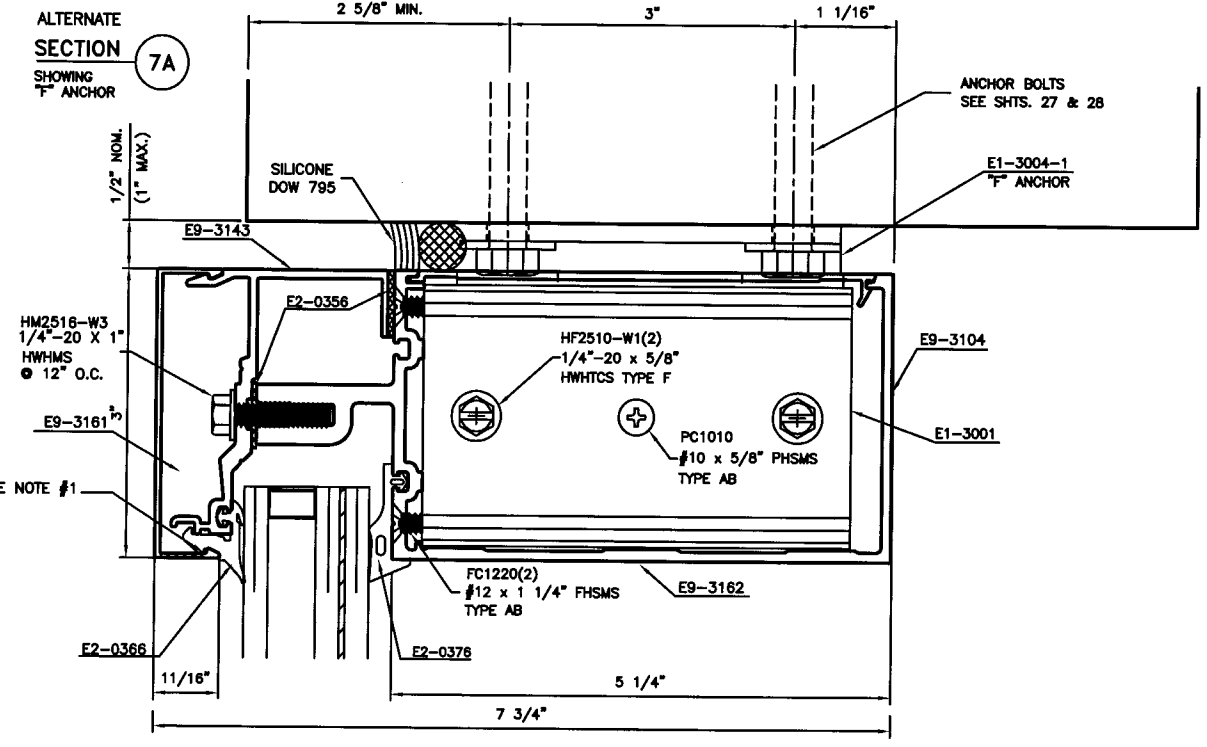
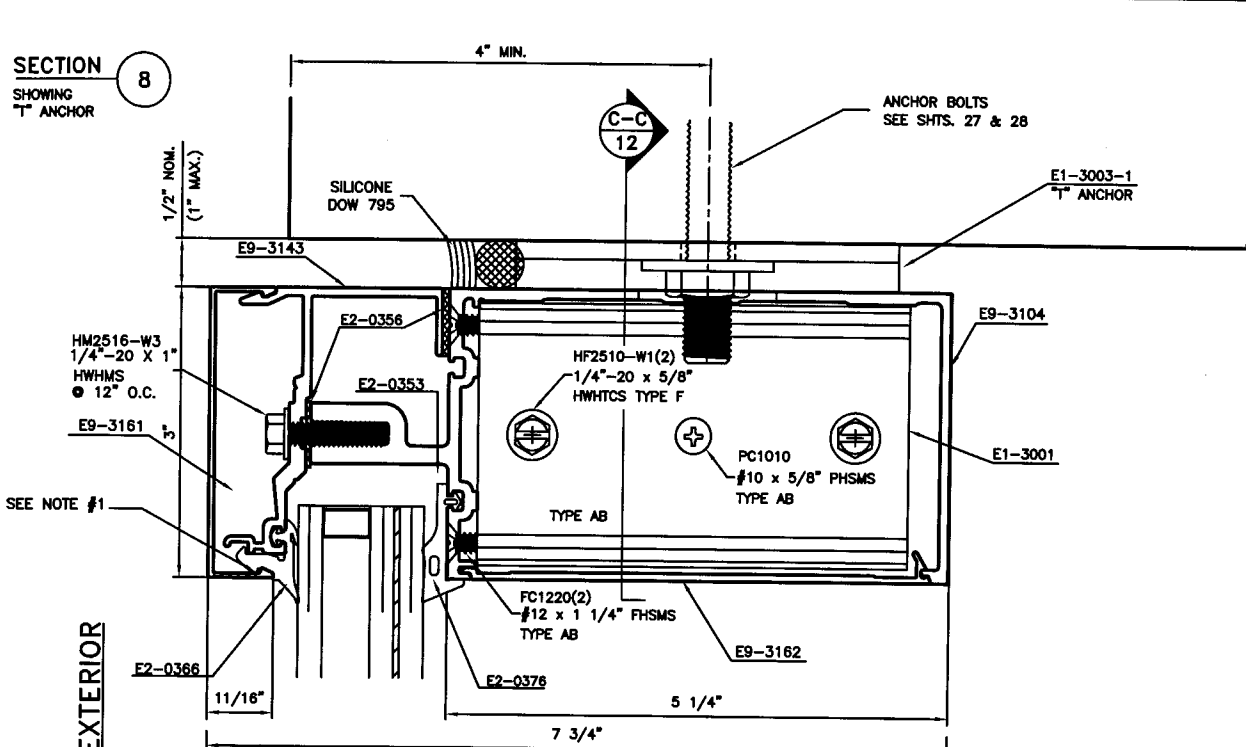
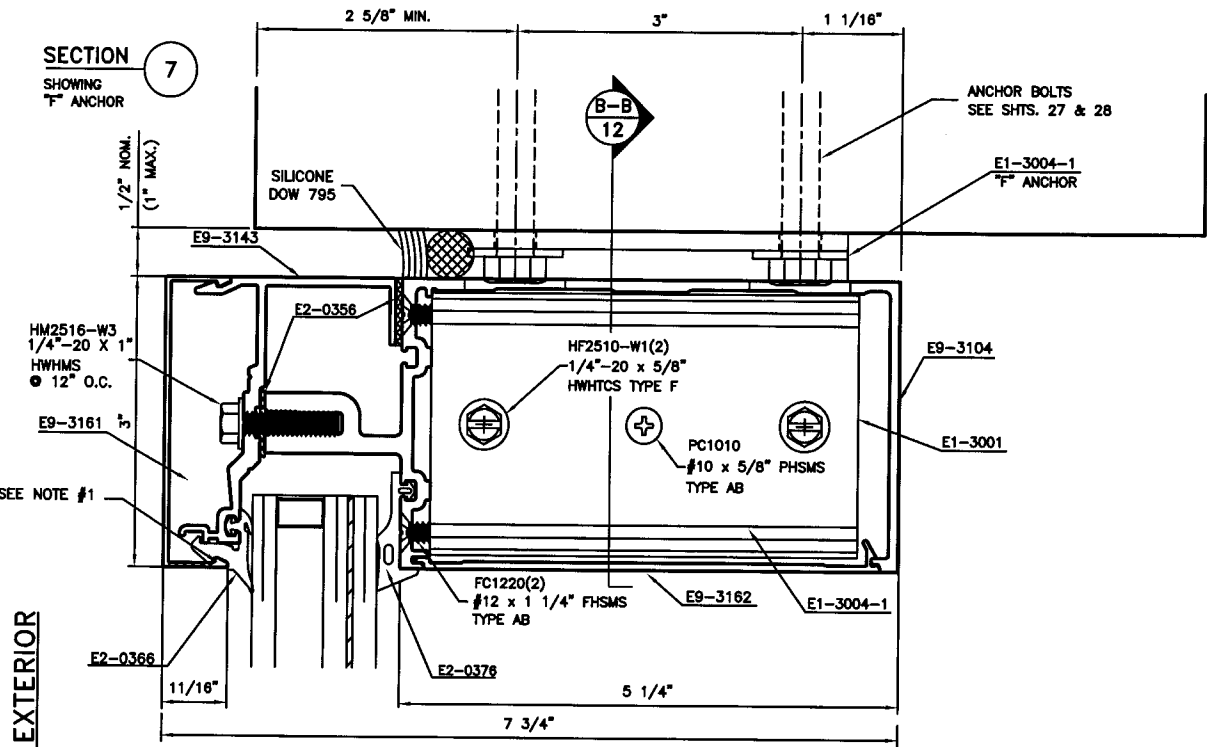
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YKK AP AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	90° CORNER DETAILS		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	RTB
DATE	7/8/02	SHEET NO.	5 of 29

REV.	DESCRIPTION	BY	DATE



NOTE:
1. 5/16" DIA. WEEPHOLE. (2)/HORIZ. D.L.O.
LOCATED @ 1/3 D.L.O. FROM MULLIONS.

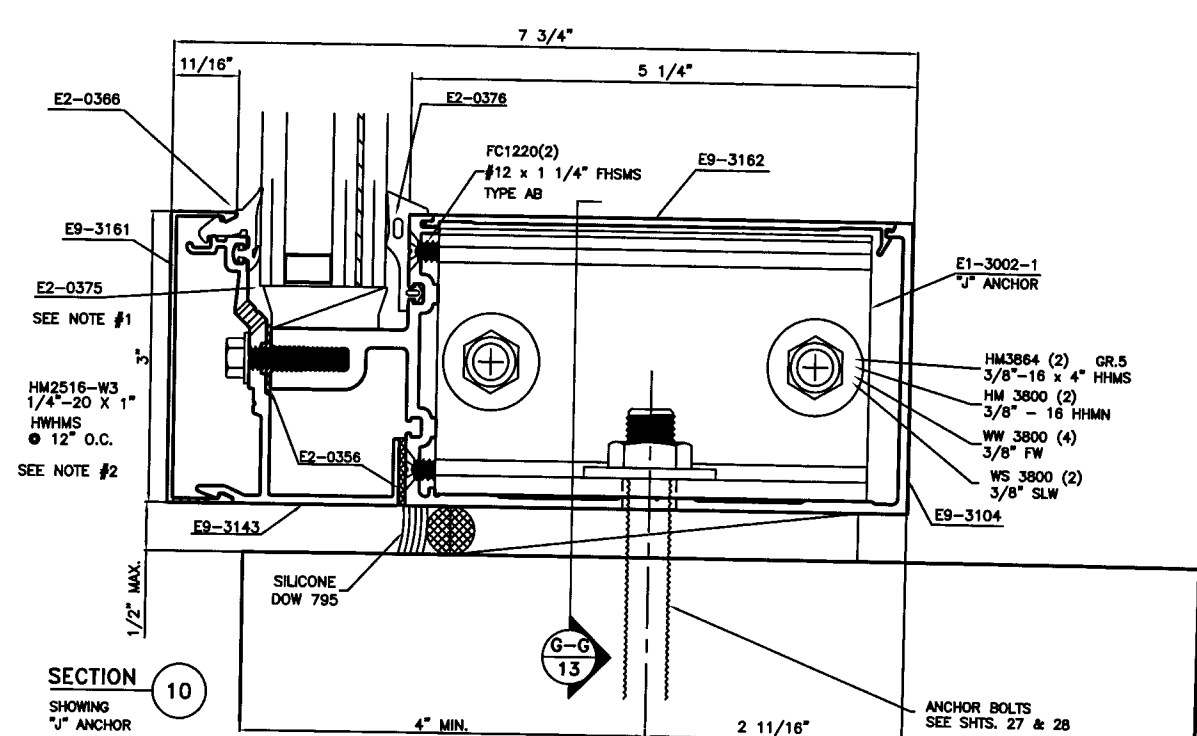
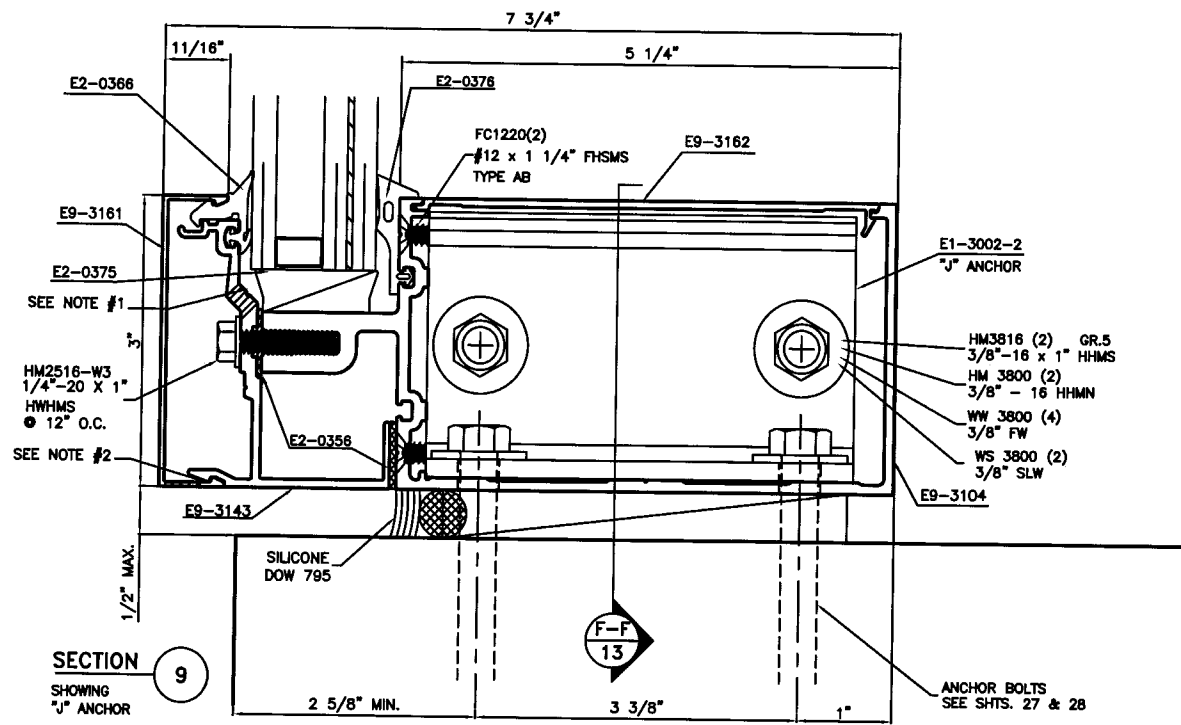
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 05-0524.16
Expiration Date May 30, 2008
By *Manuel Diaz*
Miami Dade Product Control
Division

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YK AP AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

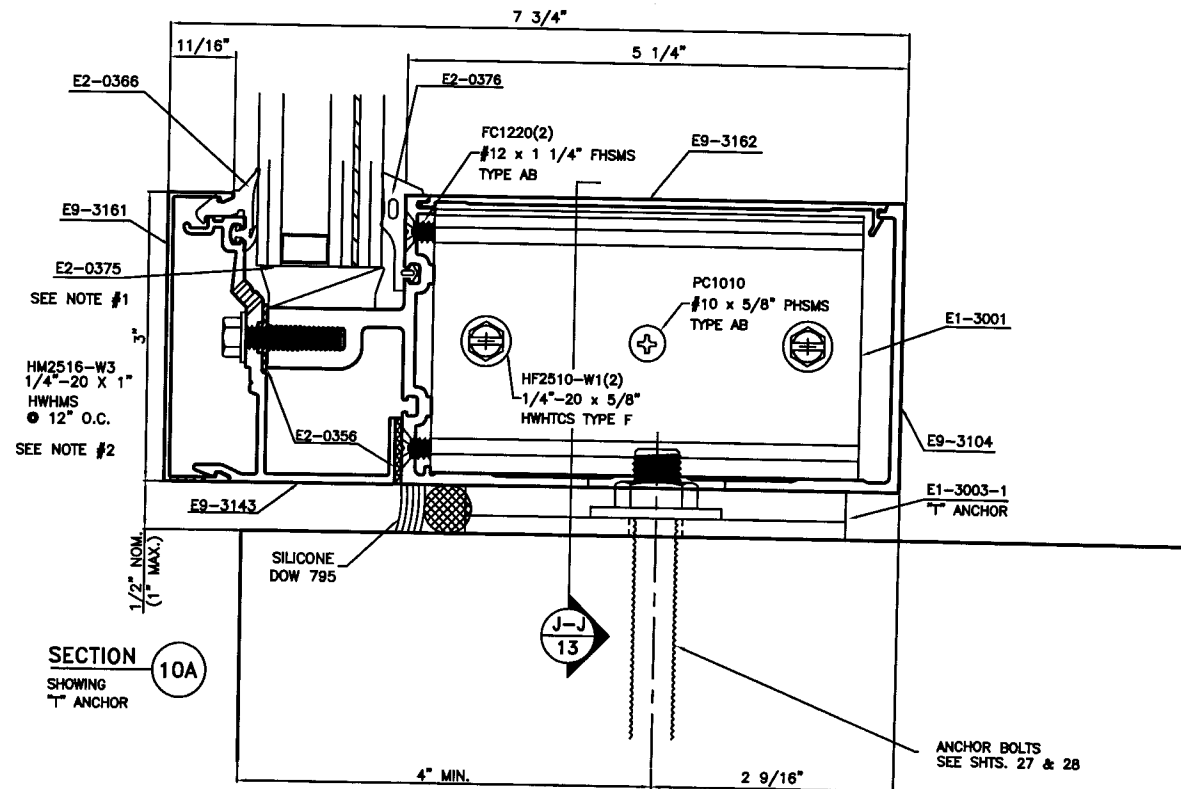
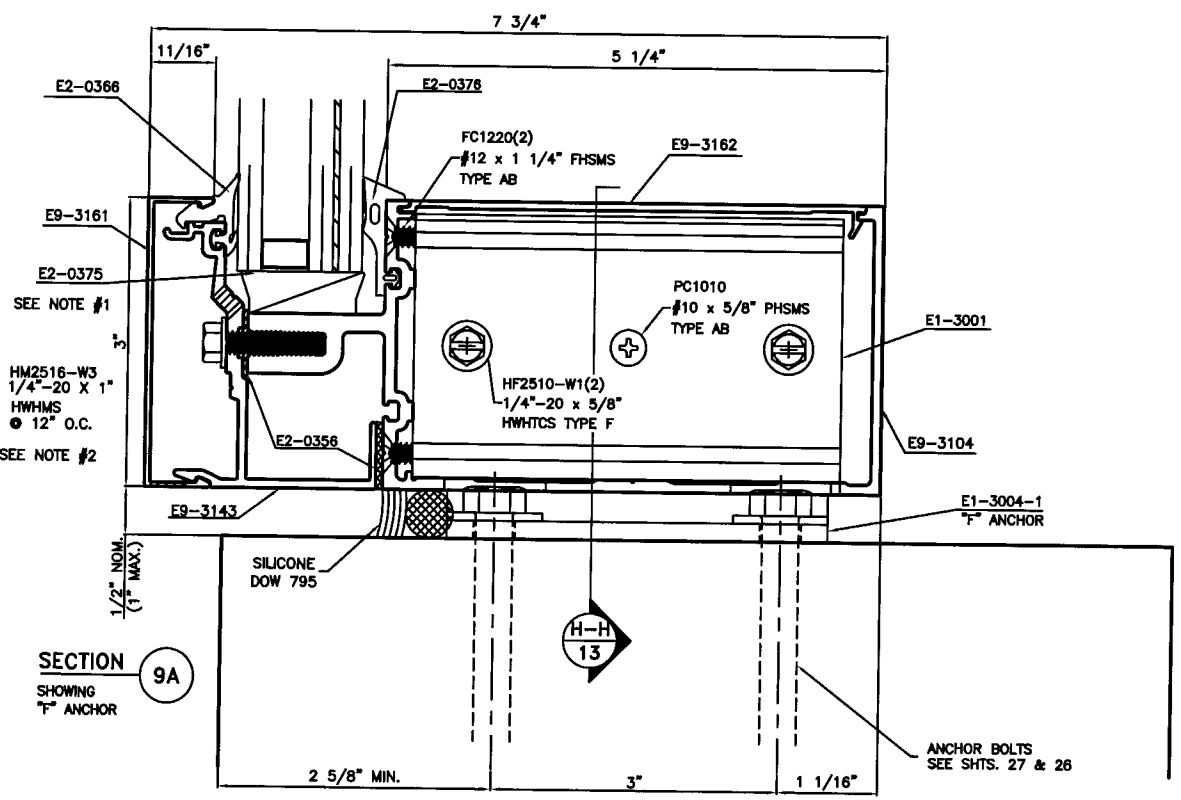
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DESCRIPTION	HEAD DETAILS		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DATE	7/8/02
DRAWN BY	RTB	SHEET NO.	6 OF 29

REV.	DESCRIPTION	BY	DATE



EXTERIOR

EXTERIOR



- NOTE:
- 5/16" DIA. WEEP HOLE (2) PER HORIZ. D.L.O. LOCATED 1/3 D.L.O. FROM MULLIONS.
 - 5/16" DIA. WEEP HOLE (3) PER HORIZ. D.L.O. LOCATED 3" FROM EACH MULLION AND AT CENTER OF EACH D.L.O..

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 07-0529.16
Expiration Date MAY 30 2008

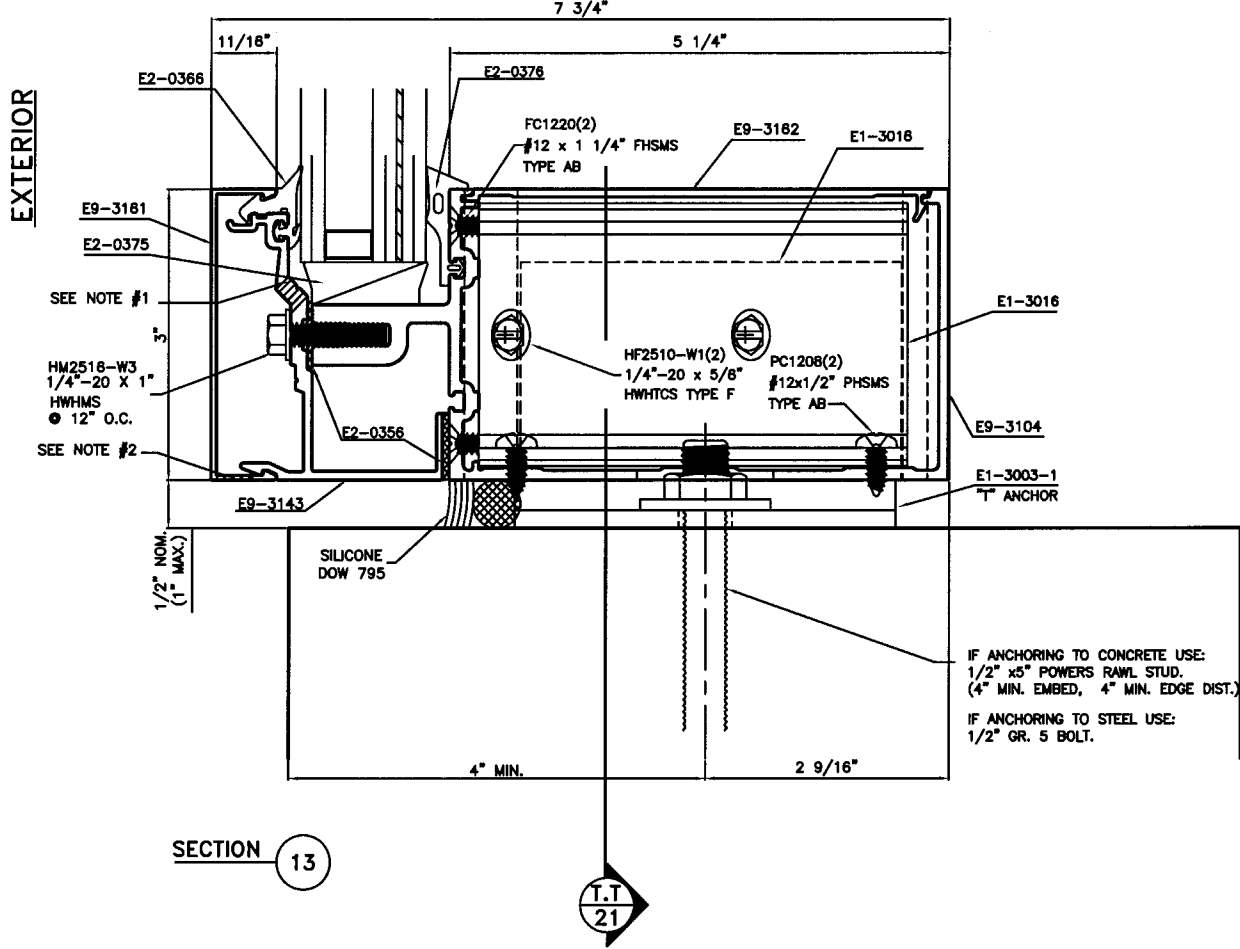
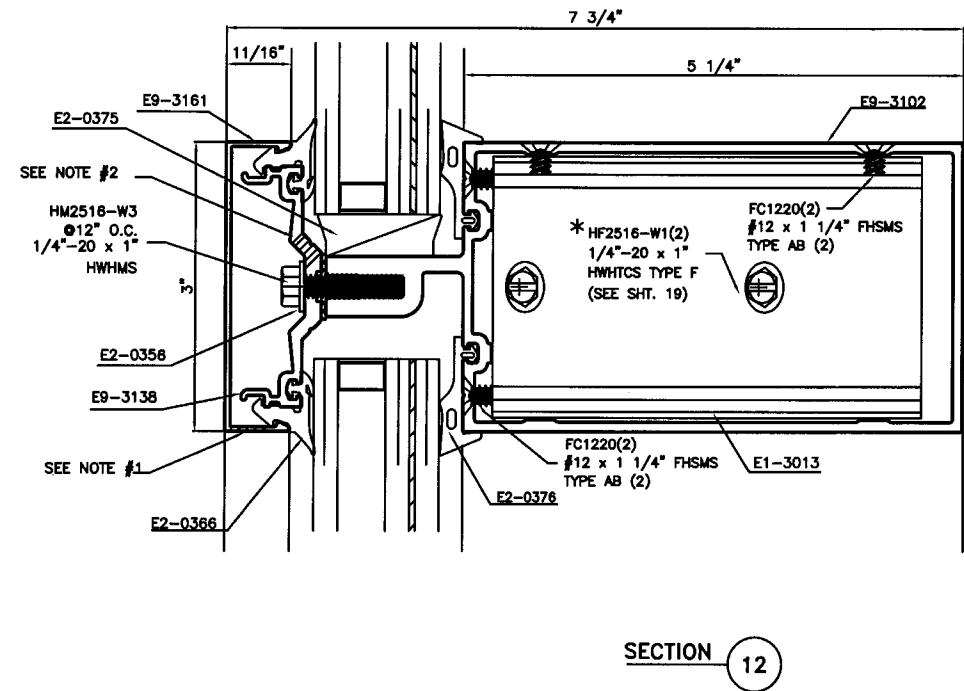
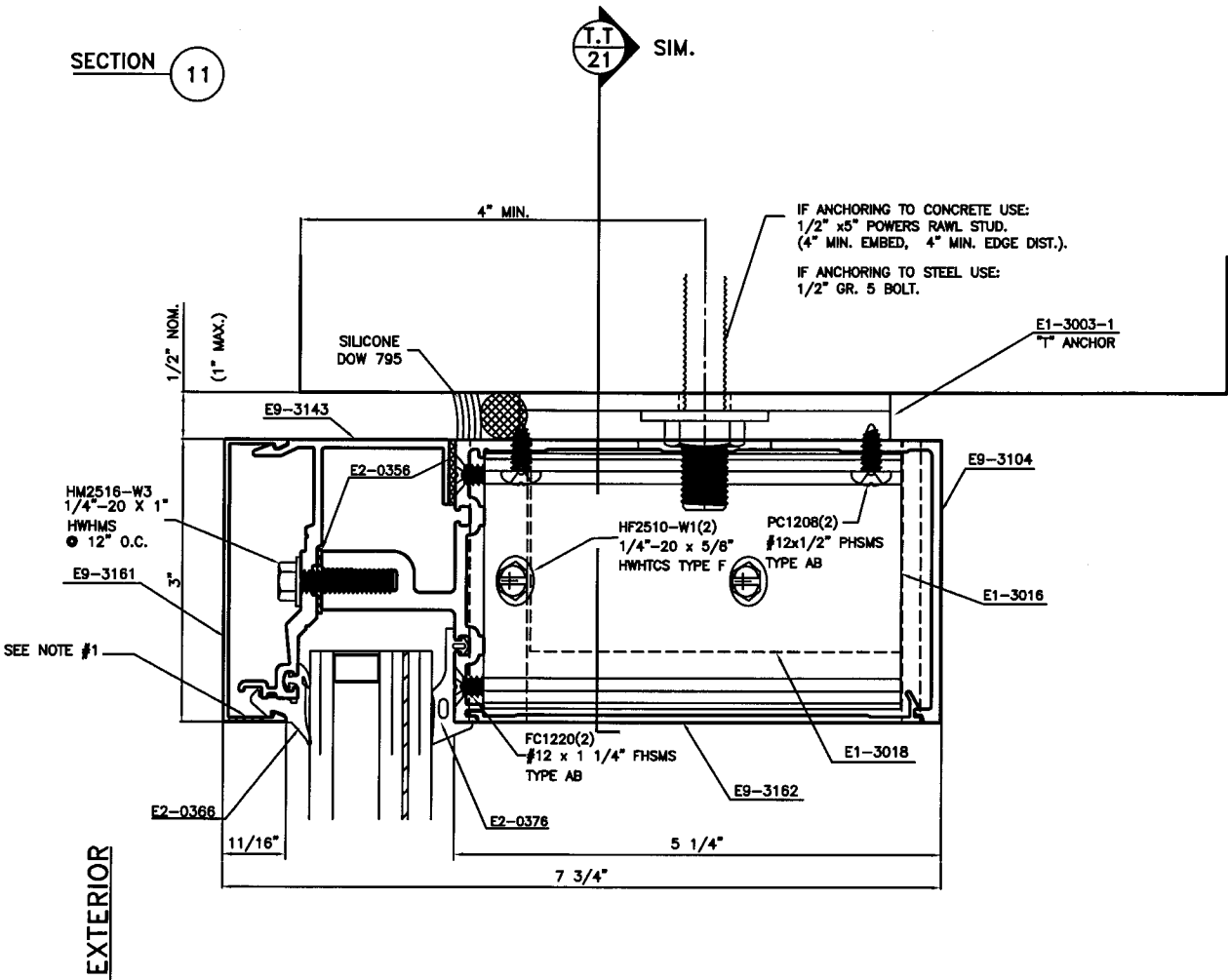
By *Michael Dore*
Miami Dade Product Control Division

RESERVED FOR METRO-DADE USE ONLY

Amstar YKK AP AMERICA, INC.
5830 GUALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM YHC 300 INSULATED GLAZING	SCALE 1/2
DESCRIPTION SILL DETAILS	
DRAWING NUMBER YHC-300-SSG-IS	
APPROVED BY JIA	DATE 7/08/02
DRAWN BY RTB	SHEET NO. 7 OF 29

REV.	DESCRIPTION	BY	DATE



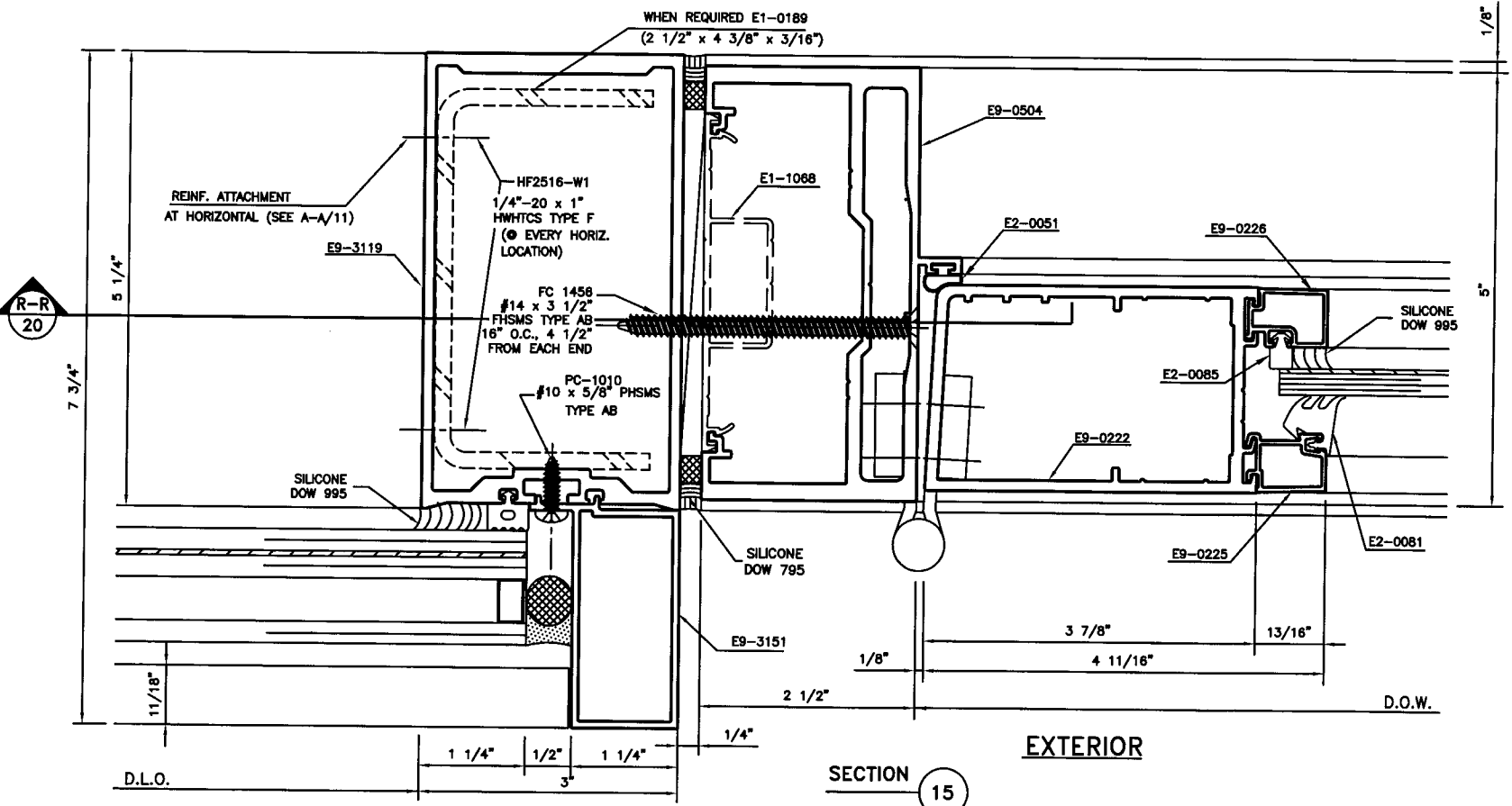
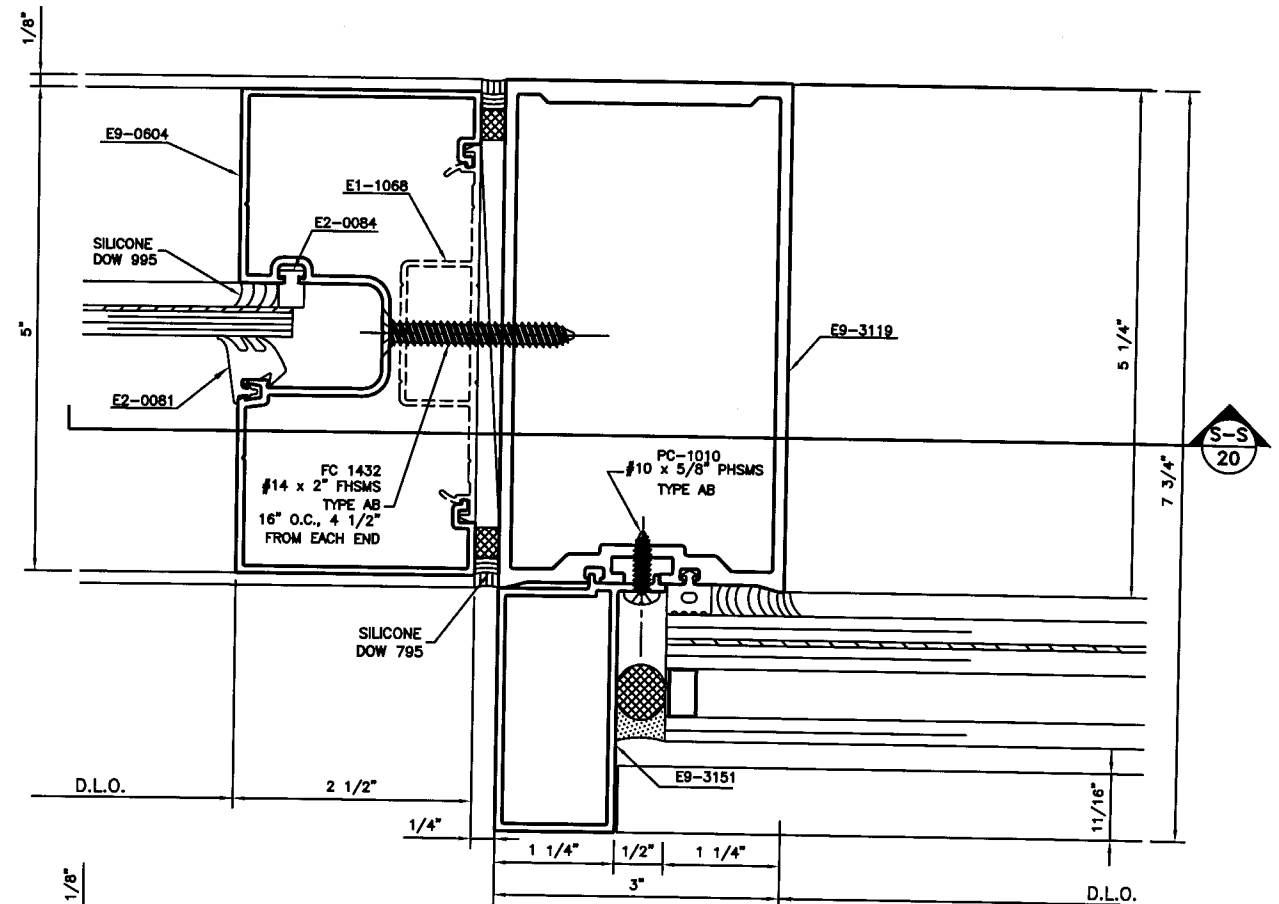
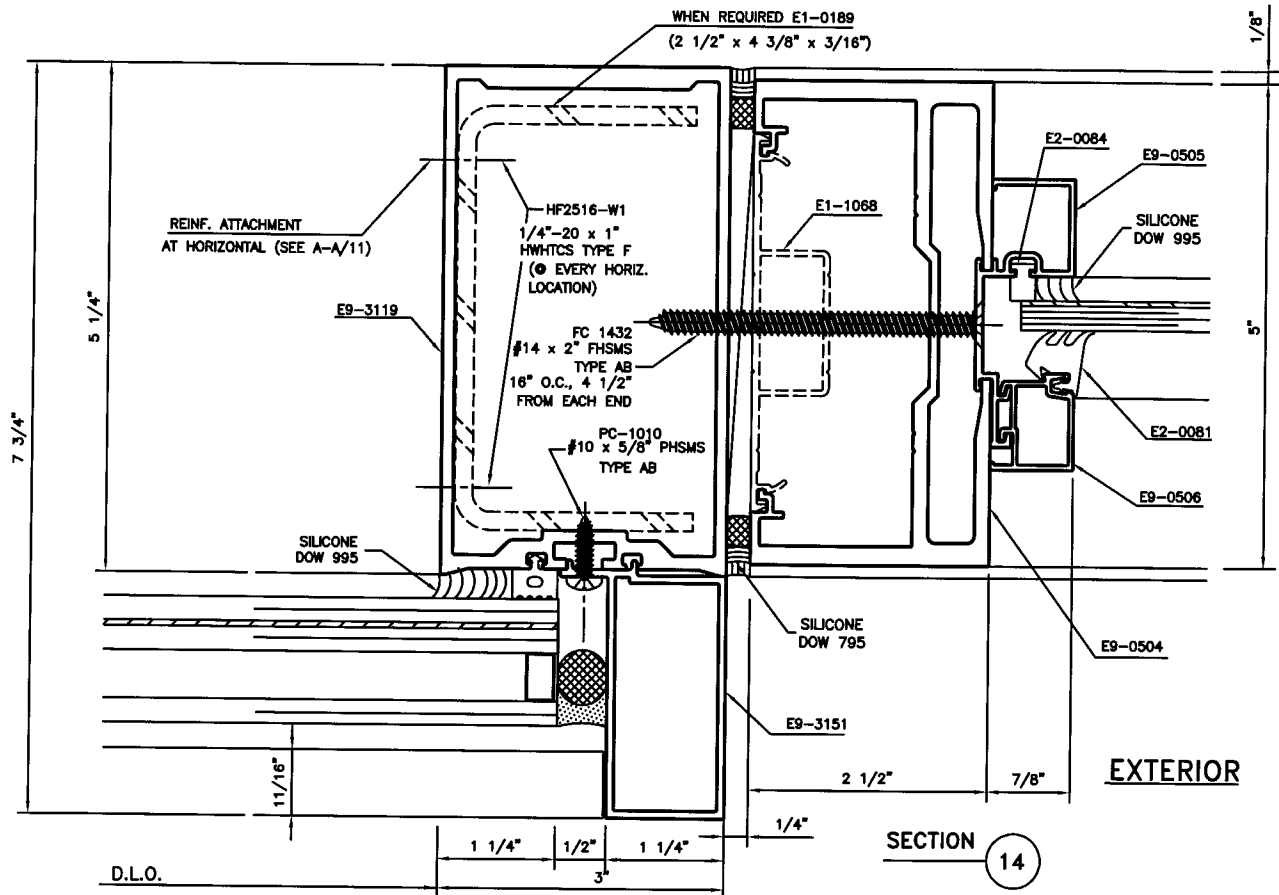
- NOTE:
- 5/16" DIA. WEEP HOLE (2) PER HORIZ. D.L.O. LOCATED 1/3 D.L.O. FROM MULLIONS.
 - 5/16" DIA. WEEP HOLE (3) PER HORIZ. D.L.O. LOCATED 3" FROM EACH MULLION AND AT CENTER OF EACH D.L.O..

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0524.16
Expiration Date 10/30/2008
By *Manuel Dese*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY

		YKK AP AMERICA, INC. 5830 GWALTNEY DRIVE ATLANTA, GEORGIA 30338	
SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION			
HORIZONTAL DETAILS			
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	RTB
DATE	7/08/02	SHEET NO.	8 OF 29

REV.	DESCRIPTION	BY	DATE



SEE DETAIL OF DOOR AND
STOREFRONT IN THE
CORRESPONDING NOTICE OF
ACCEPTANCE

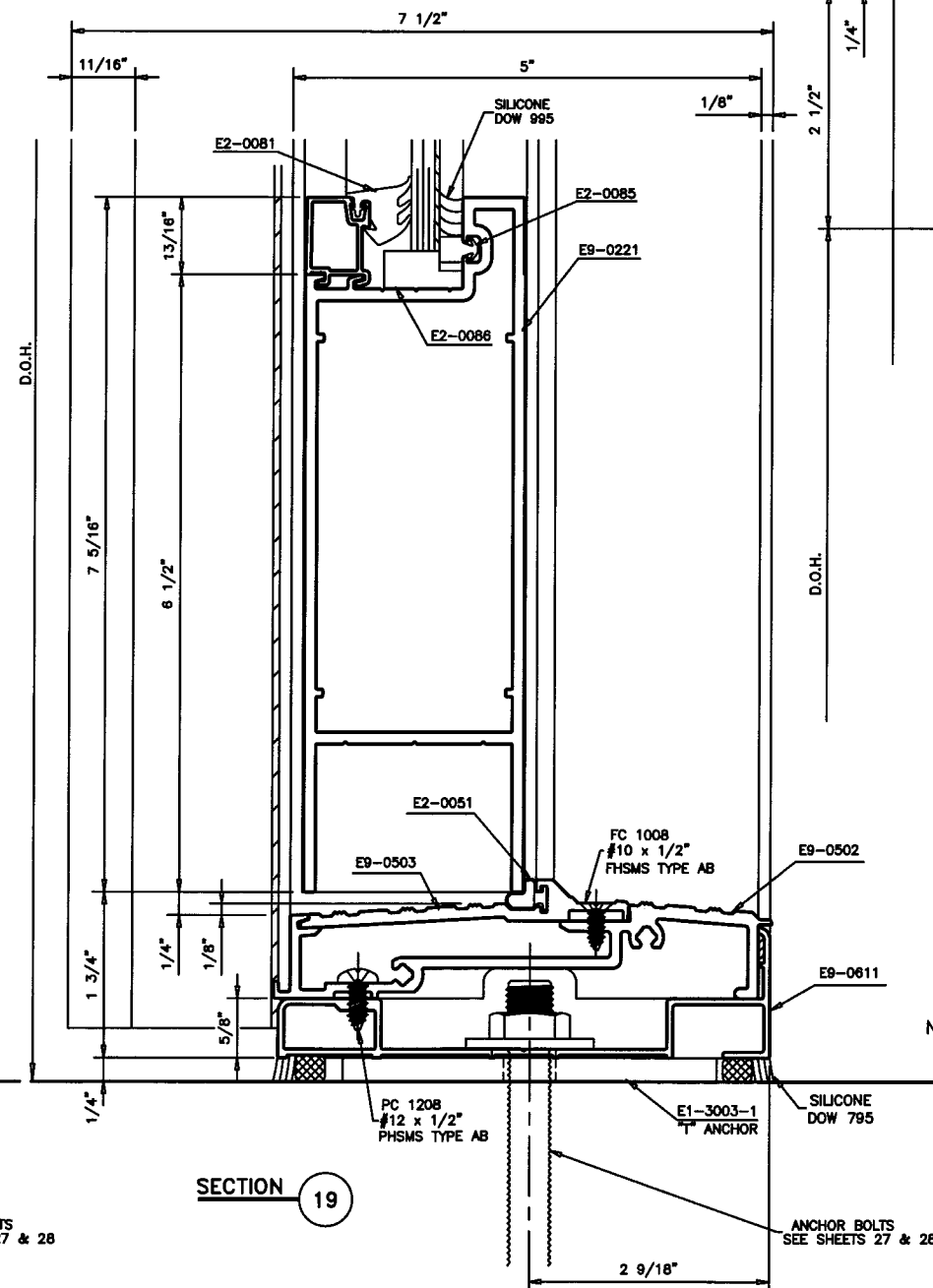
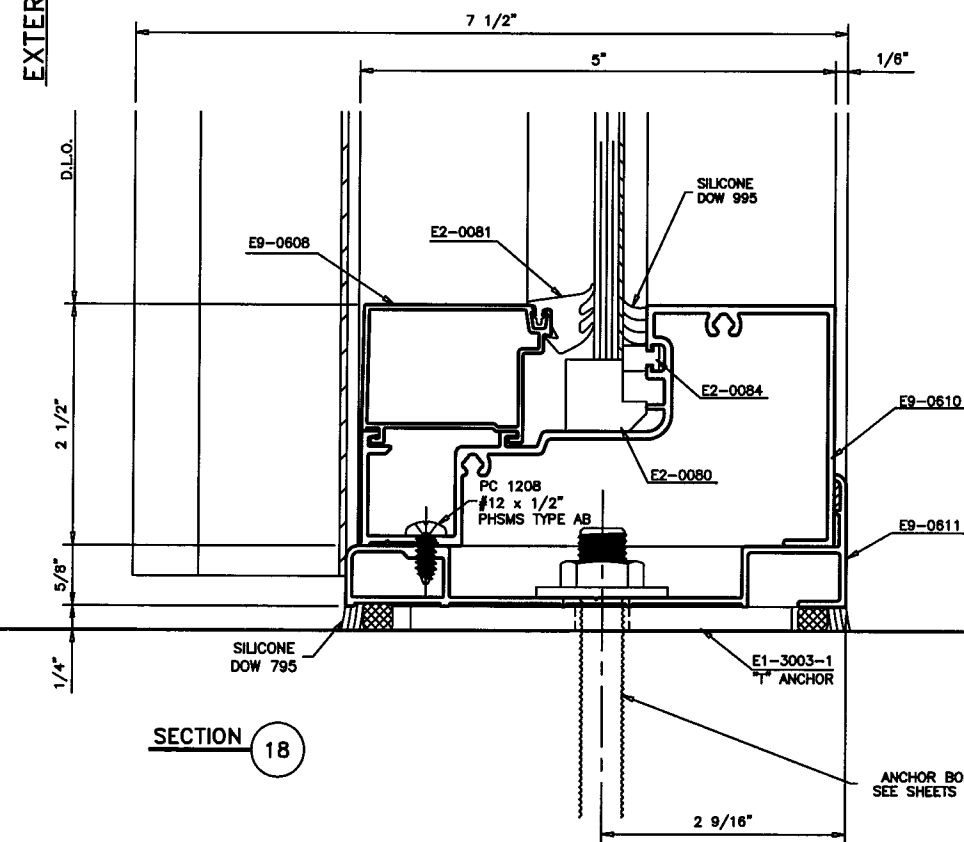
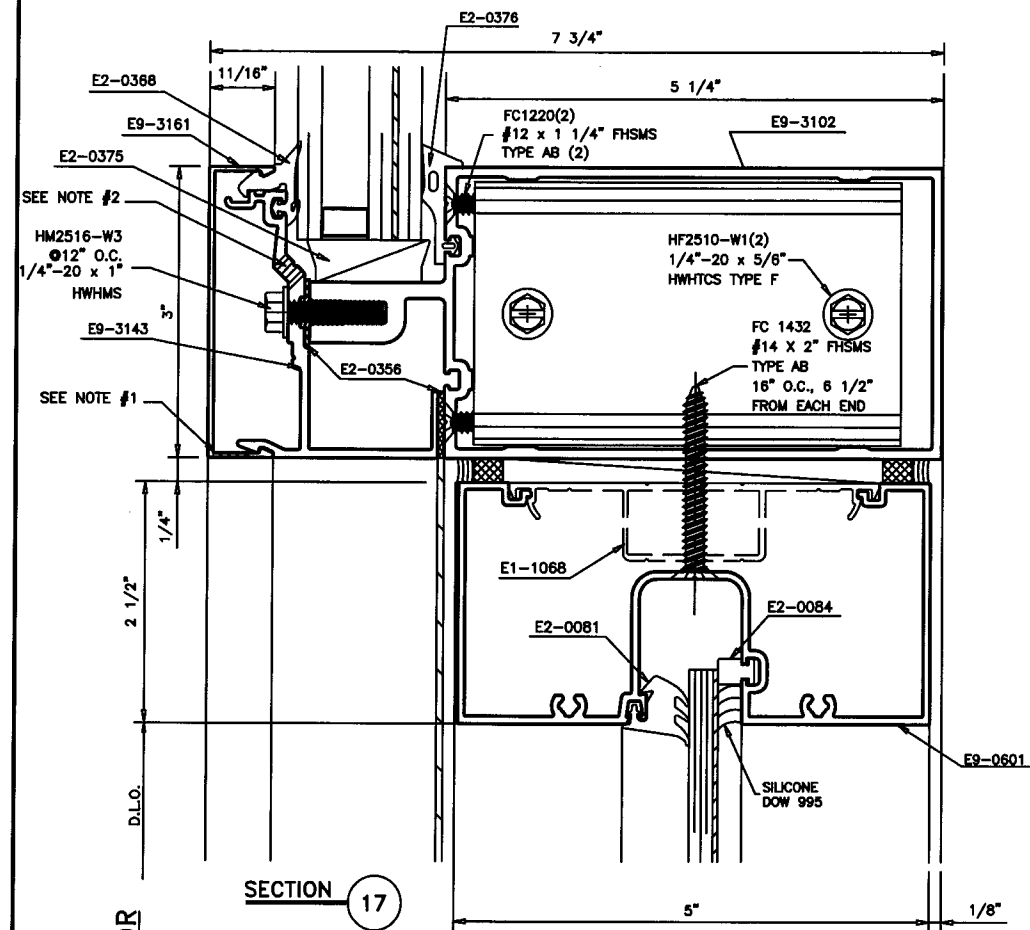
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No *07-0529.16*
Expiration Date *MAY 30, 2008*
By *Manuel Perez*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY

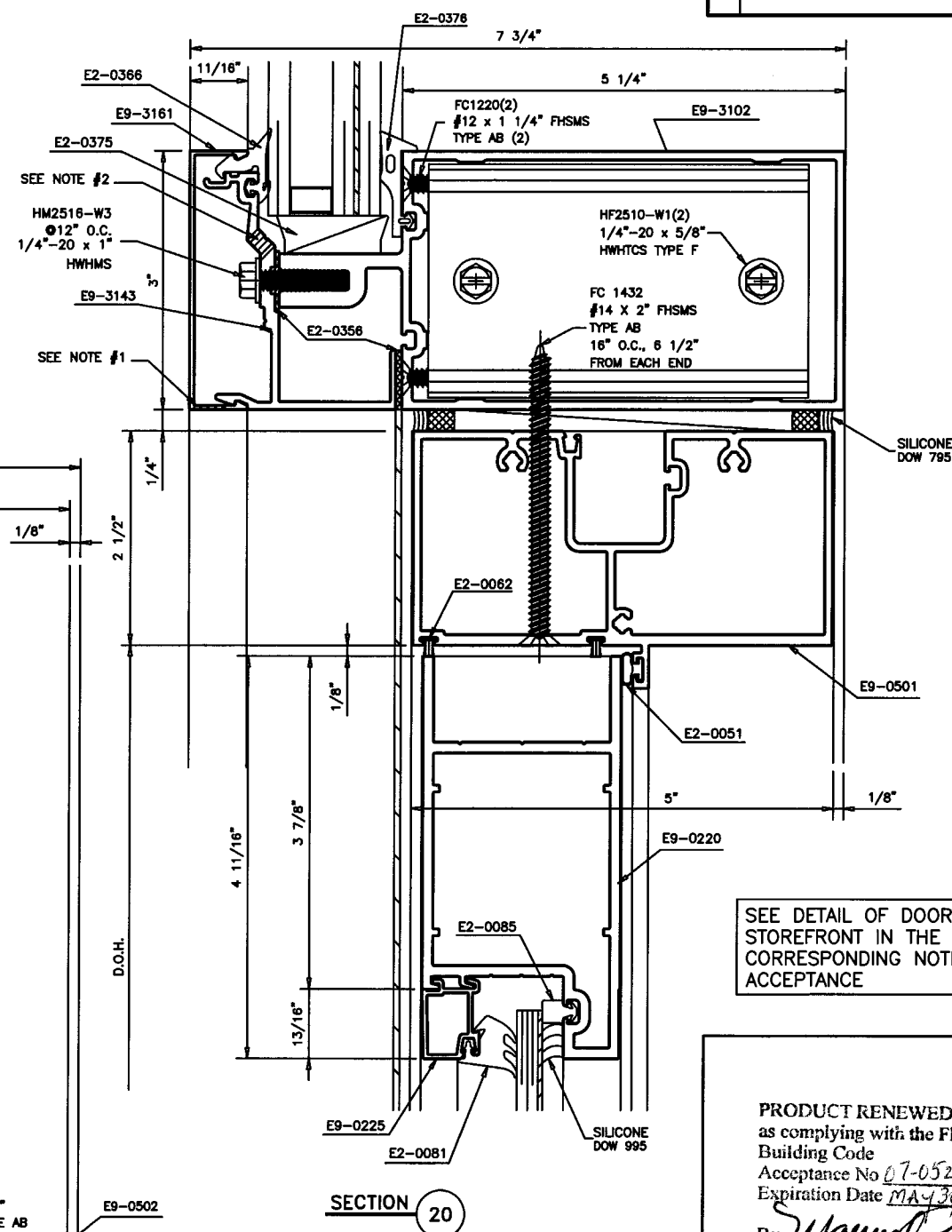
YKK AP AMERICA, INC.
5630 GUALTNEY DRIVE
ATLANTA, GEORGIA 30338

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	STOREFRONT & DOOR DET.		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	RTB
DATE	7/08/02	SHEET NO.	9 OF 29

REV.	DESCRIPTION	BY	DATE



EXTERIOR



SEE DETAIL OF DOOR AND STOREFRONT IN THE CORRESPONDING NOTICE OF ACCEPTANCE

- NOTE:
- 5/16" DIA. WEEP HOLE (2) PER HORIZ. D.L.O. LOCATED 1/3 D.L.O. FROM MULLIONS.
 - 5/16" DIA. WEEP HOLE (3) PER HORIZ. D.L.O. LOCATED 3" FROM EACH MULLION AND AT CENTER OF EACH D.L.O..

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 07-0529.16 Expiration Date MAY 30 2008
By *Manuel Pera*
Miami Dade Product Control Division

RESERVED FOR METRO-DADE USE ONLY

YKK AP AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

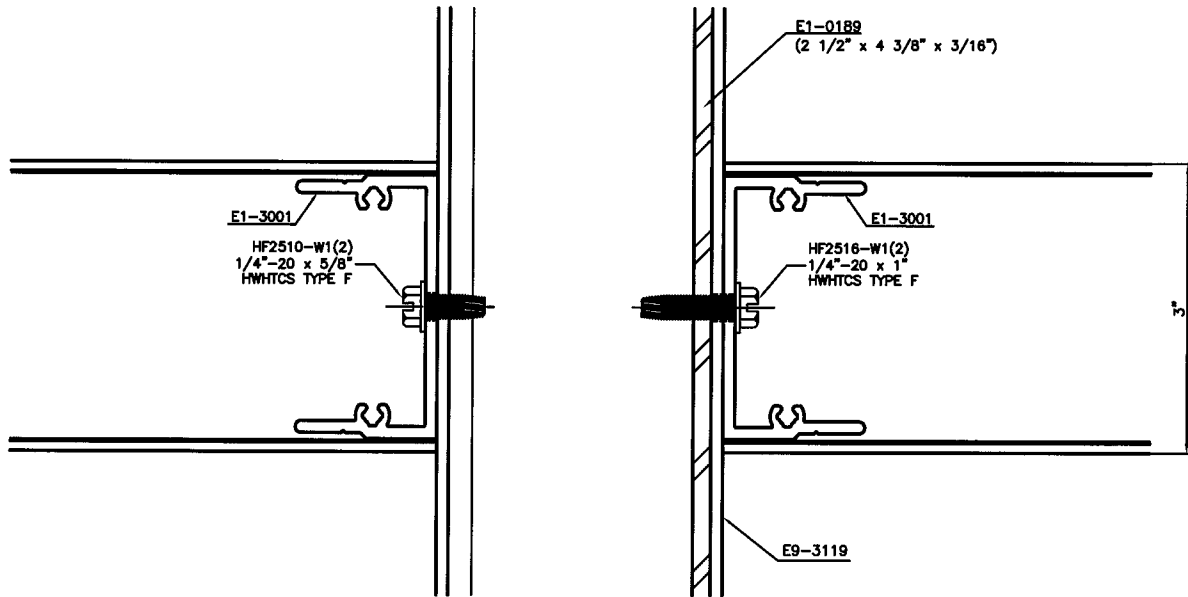
SYSTEM YHC 300 INSULATED GLAZING SCALE 1/2

DESCRIPTION STOREFRONT & DOOR DET.

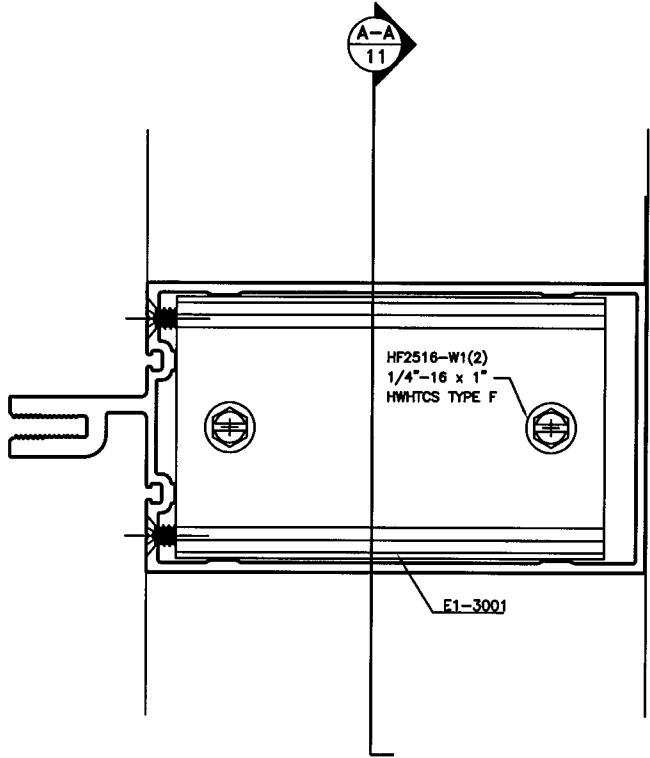
DRAWING NUMBER YHC-300-SSG-IS REV.

APPROVED BY JIA DRAWN BY RTB DATE 7/08/02 SHEET NO. 10 OF 29

REV.	DESCRIPTION	BY	DATE



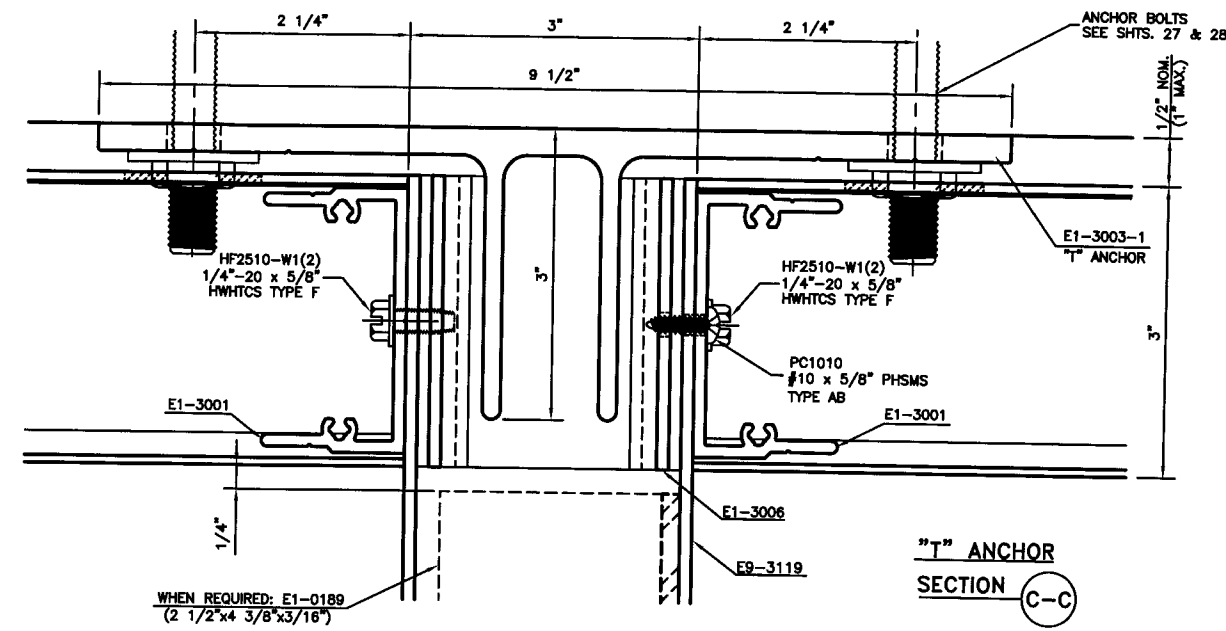
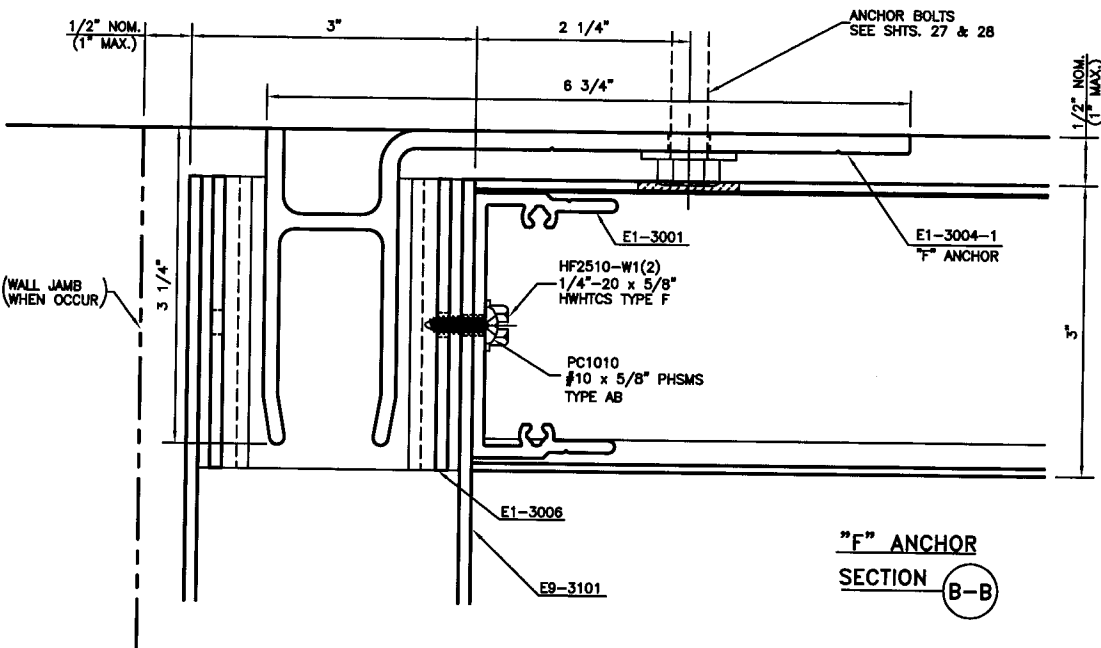
SECTION A-A



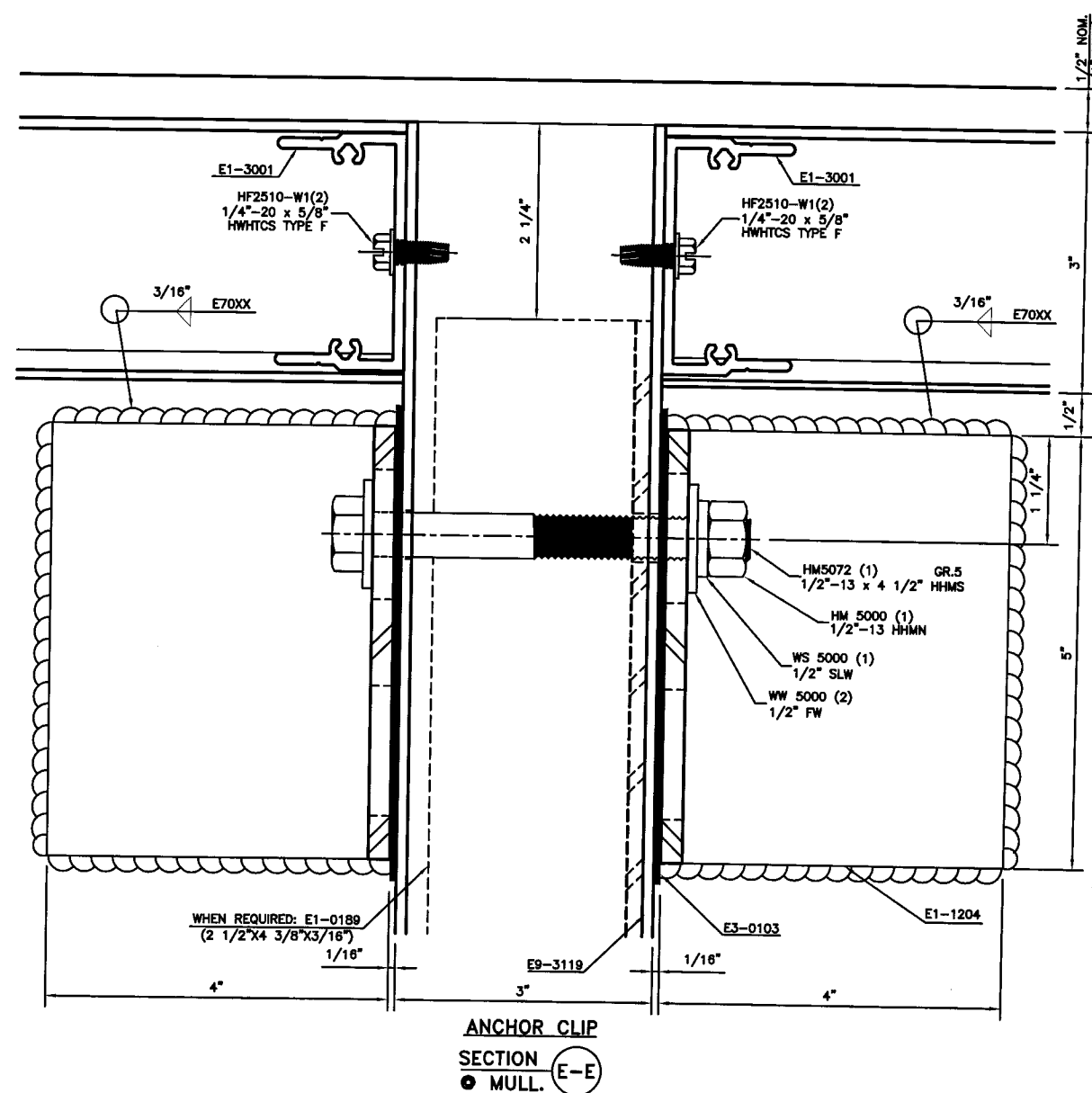
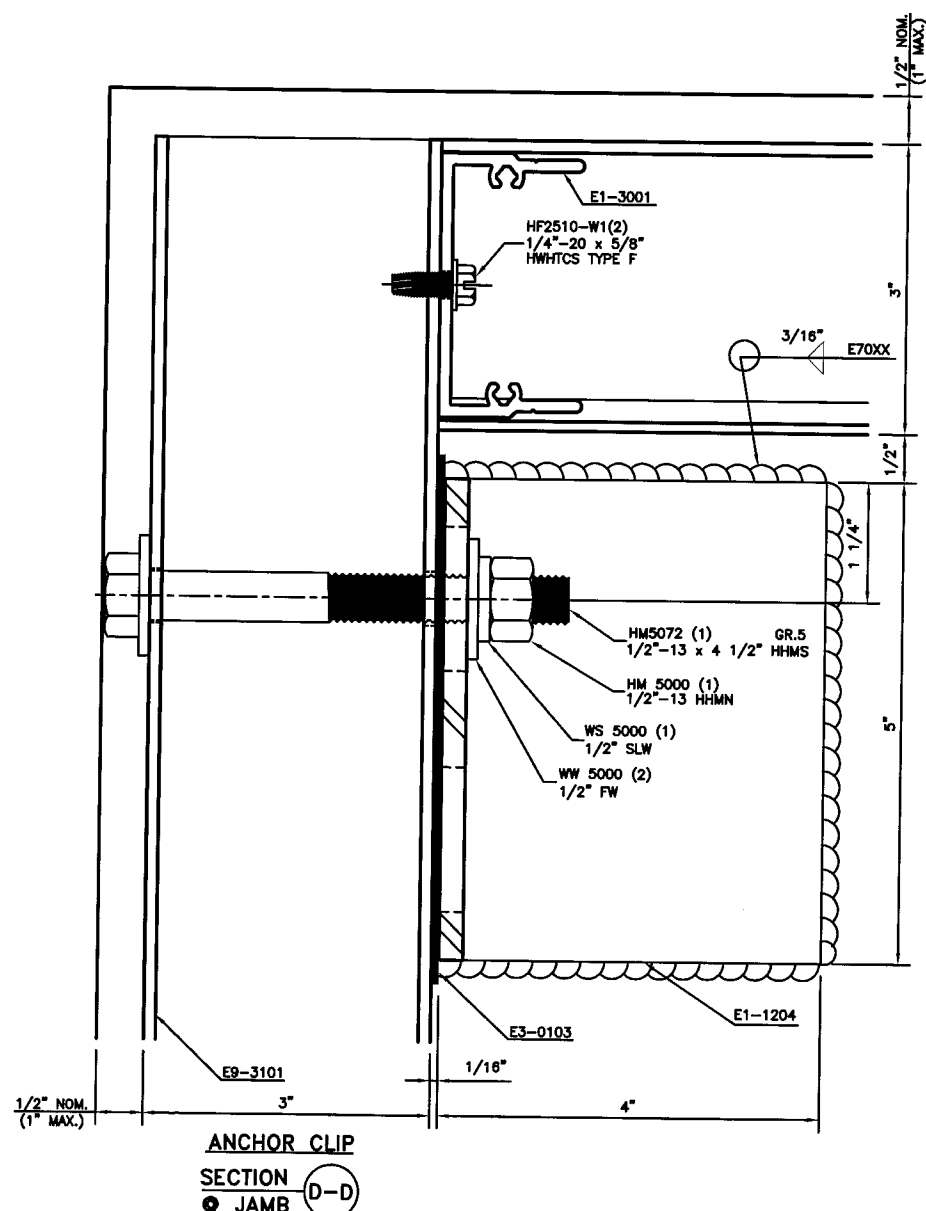
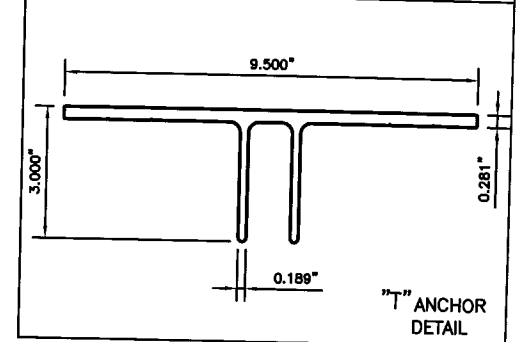
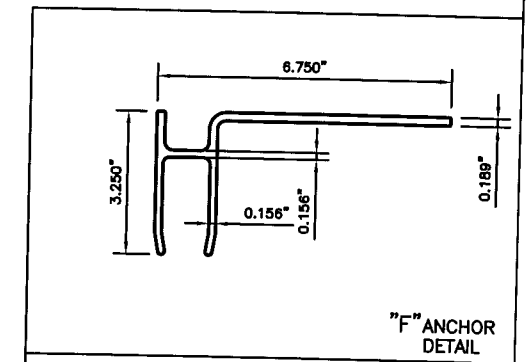
SECTION CONNECTION "HORIZ.-VERT. W/REINF."

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0529.16
Expiration Date MAY 2008
By *Manuel Perez*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY			
		YKK AP AMERICA, INC. 5630 GUALTNEY DRIVE ATLANTA, GEORGIA 30336	
SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION			
INTERMEDIATE DETAILS			
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DATE	7/08/02
DRAWN BY	RTB	SHEET NO.	11 OF 29



REV.	DESCRIPTION	BY	DATE

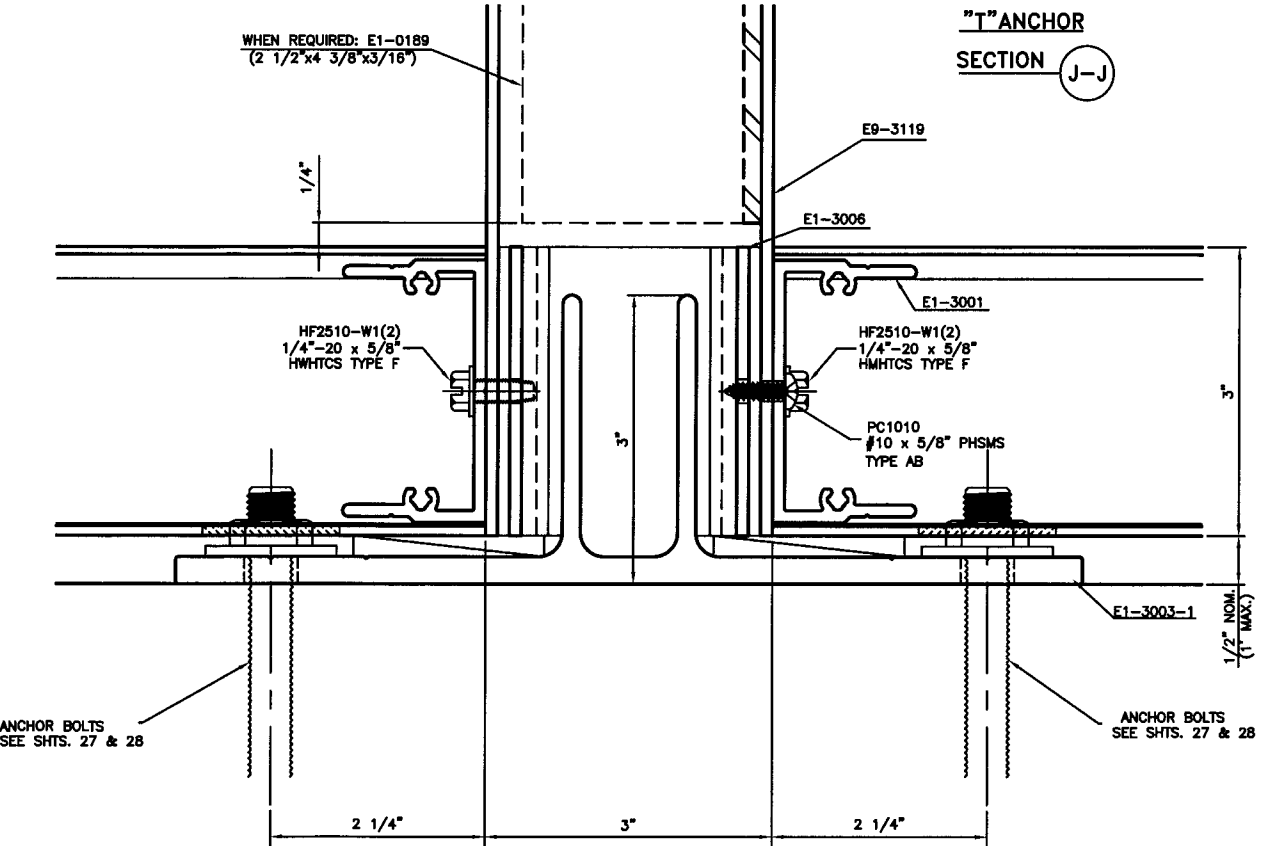
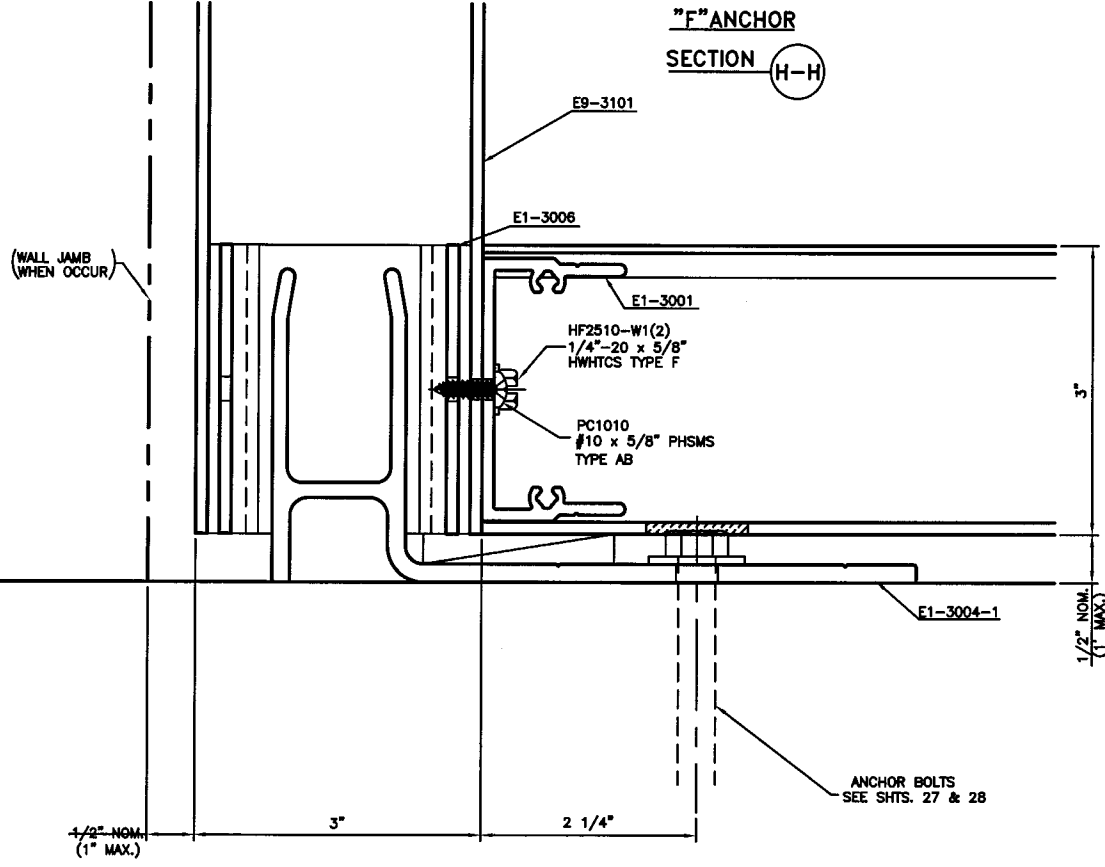
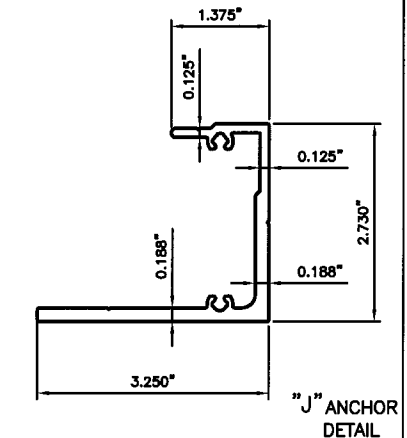
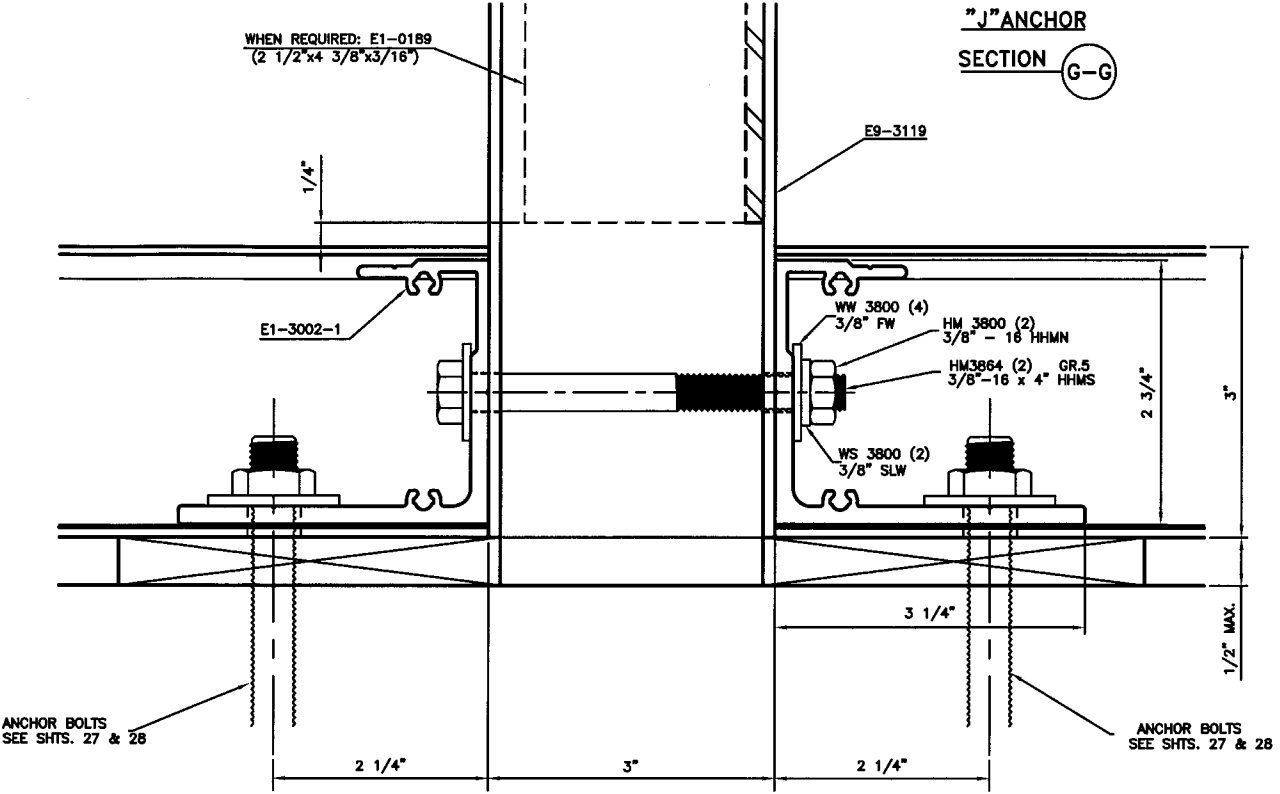
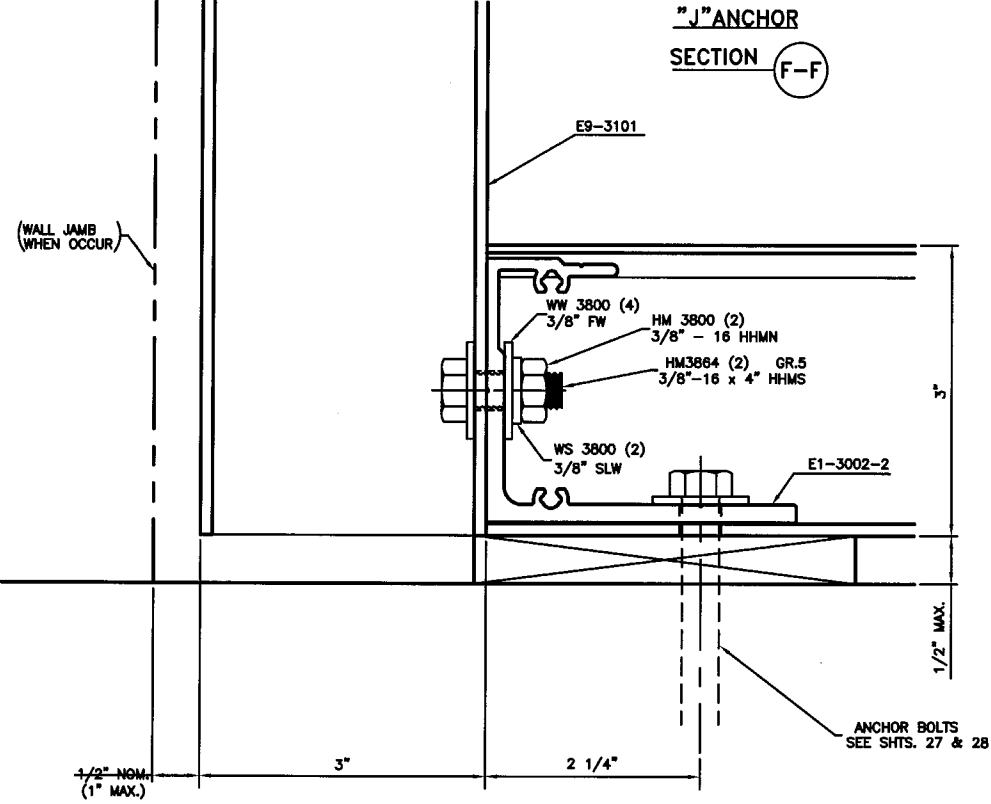


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-052916
Expiration Date MAY 30 2008
By *Manuel Perez*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY

YKK AP America, Inc. 5630 GWALTNEY DRIVE ATLANTA, GEORGIA 30338	
SYSTEM YHC 300 INSULATED GLAZING	SCALE 1/2
DESCRIPTION HEAD & ANCHOR DETAILS	
DRAWING NUMBER YHC-300-SSG-IS	REV.
APPROVED BY JIA	DRAWN BY RTB
DATE 7/08/02	SHEET NO. 12 OF 29

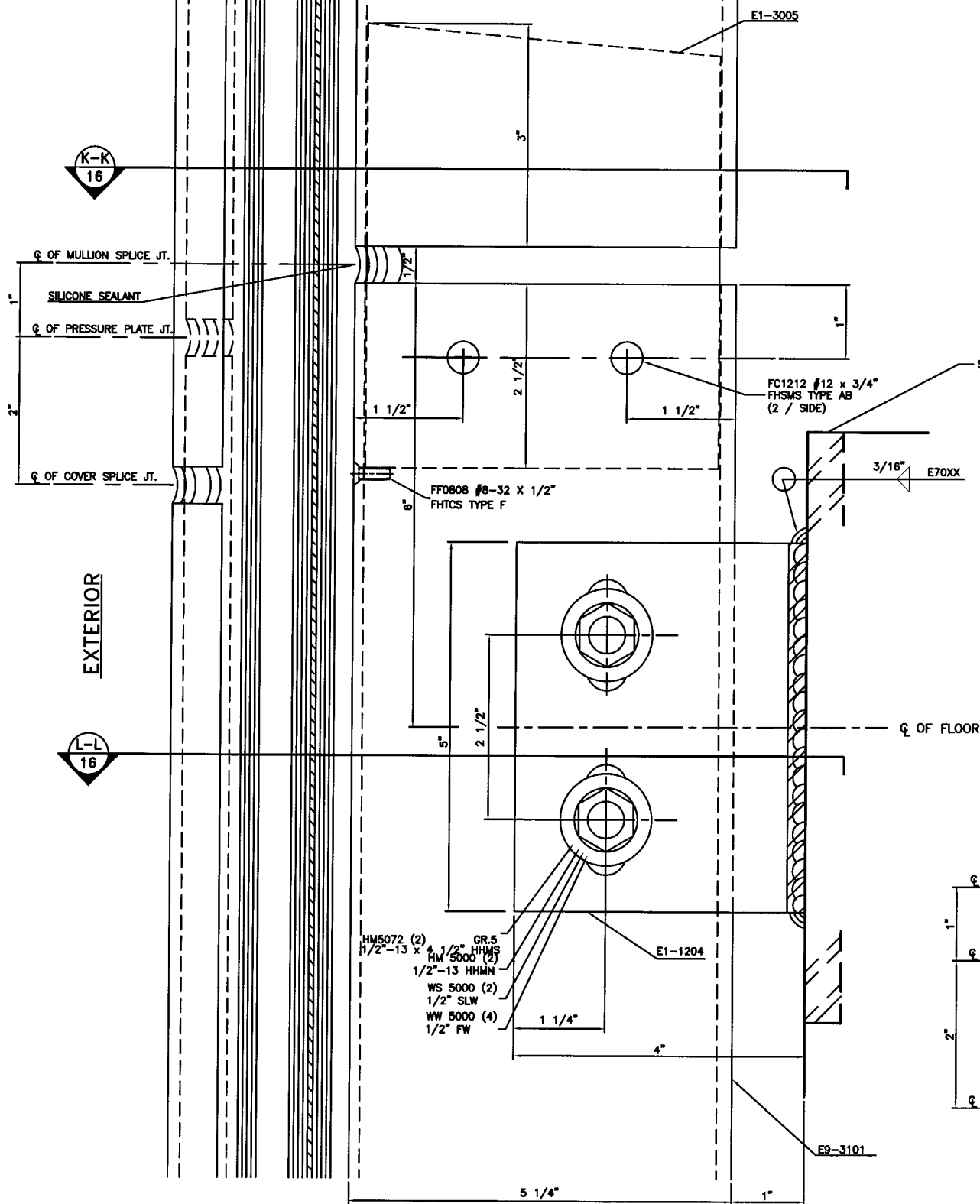
REV.	DESCRIPTION	BY	DATE



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0529.16
Expiration Date MAY 30, 2008
By *Manuel Sosa*
Miami Dade Product Control
Division

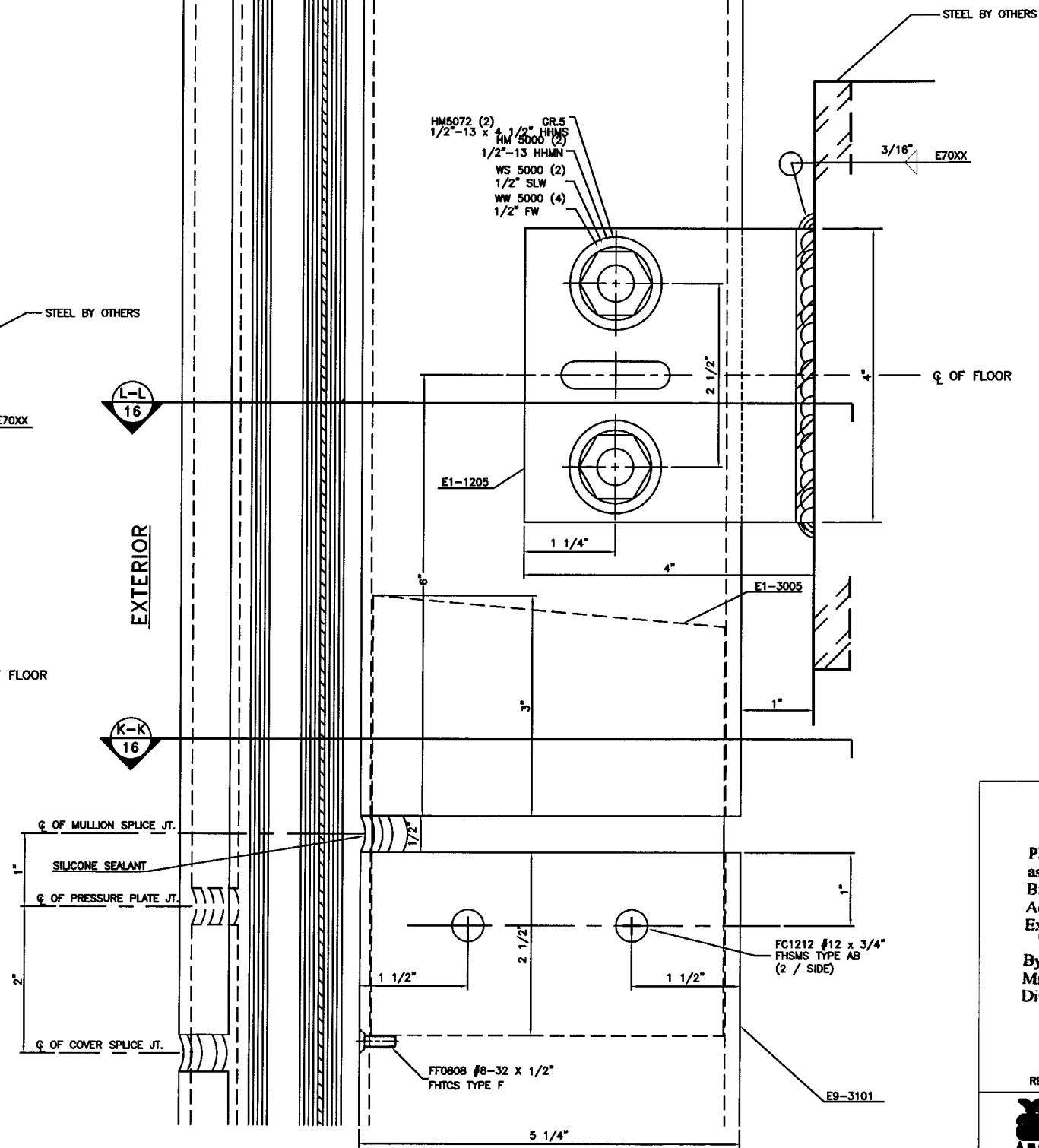
RESERVED FOR METRO-DADE USE ONLY			
		YKK AP AMERICA, INC. 5630 GWALTNEY DRIVE ATLANTA, GEORGIA 30336	
SYSTEM		SCALE	
YHC 300 INSULATED GLAZING		1/2	
DESCRIPTION			
SILL ANCHOR DETAILS			
DRAWING NUMBER		REV.	
YHC-300-SSG-IS			
APPROVED BY	DRAWN BY	DATE	SHEET NO.
JIA	RTB	7/08/02	13 OF 29

REV.	DESCRIPTION	BY	DATE



SPLICE & WINDLOAD ANCHOR CLIP

DETAIL 51
● JAMB



SPLICE & DEADLOAD ANCHOR CLIP

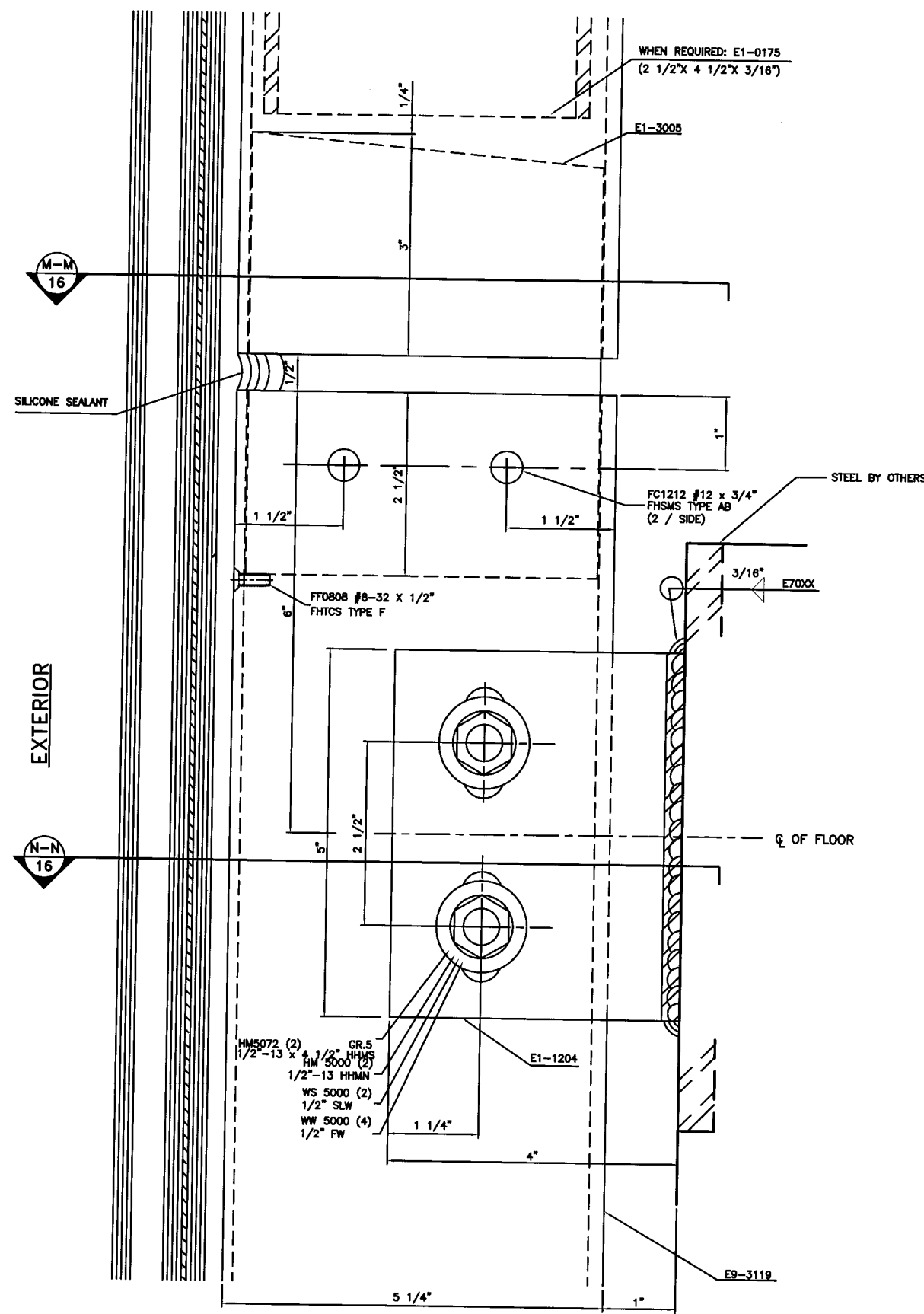
DETAIL 51A
● JAMB

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0529.16
Expiration Date 07-30-2008
By *Mauro Pera*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY

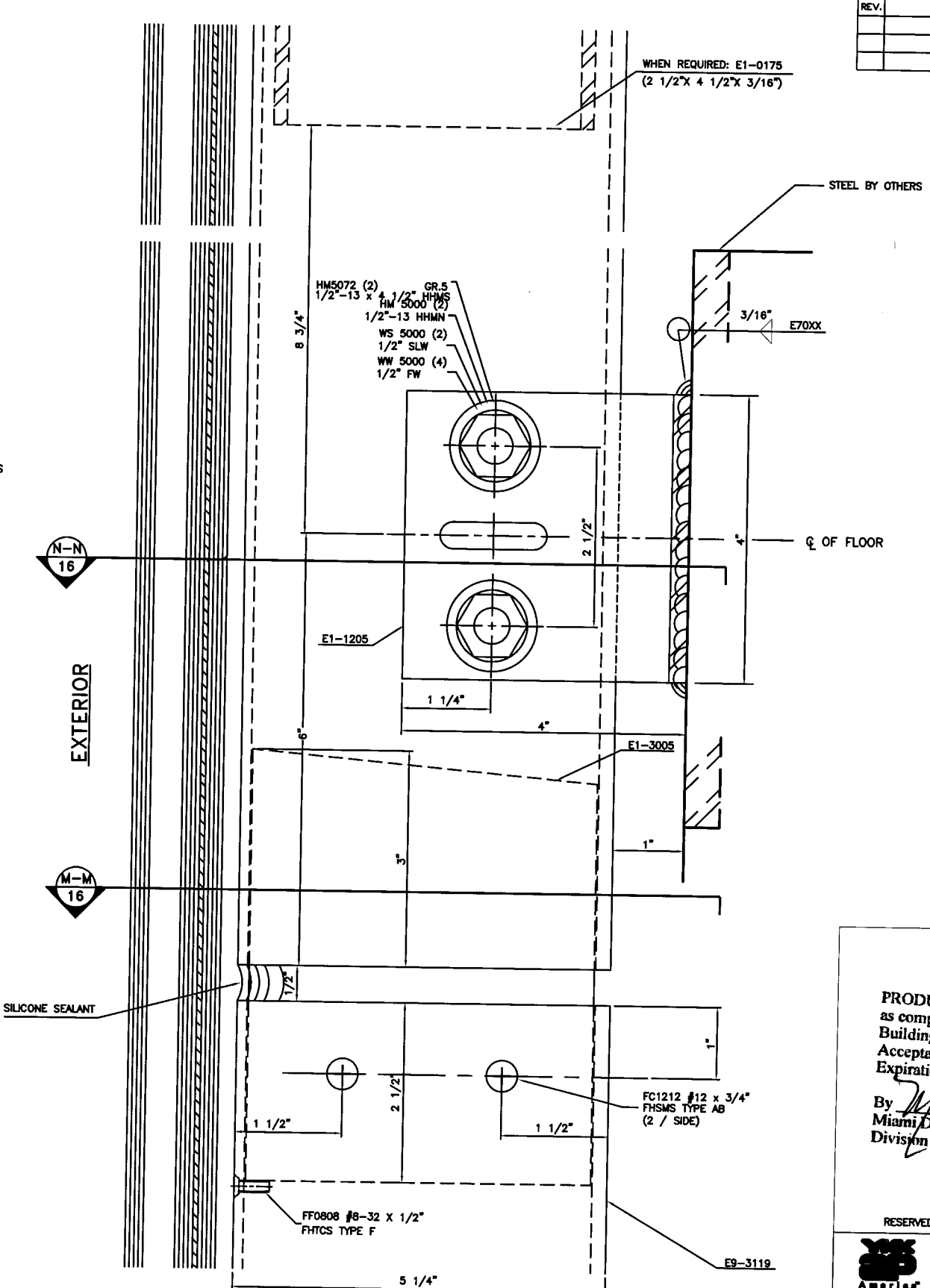
YKK AP AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	SPLICE & ANCHOR CLIP DETAILS		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DATE	7/08/02
DRAWN BY	RTB	SHEET NO.	14 OF 29



SPLICE & WINDLOAD ANCHOR CLIP

DETAIL 52
● MULL.



SPLICE & DEADLOAD ANCHOR CLIP

DETAIL 52A
● MULL.

REV.	DESCRIPTION	BY	DATE

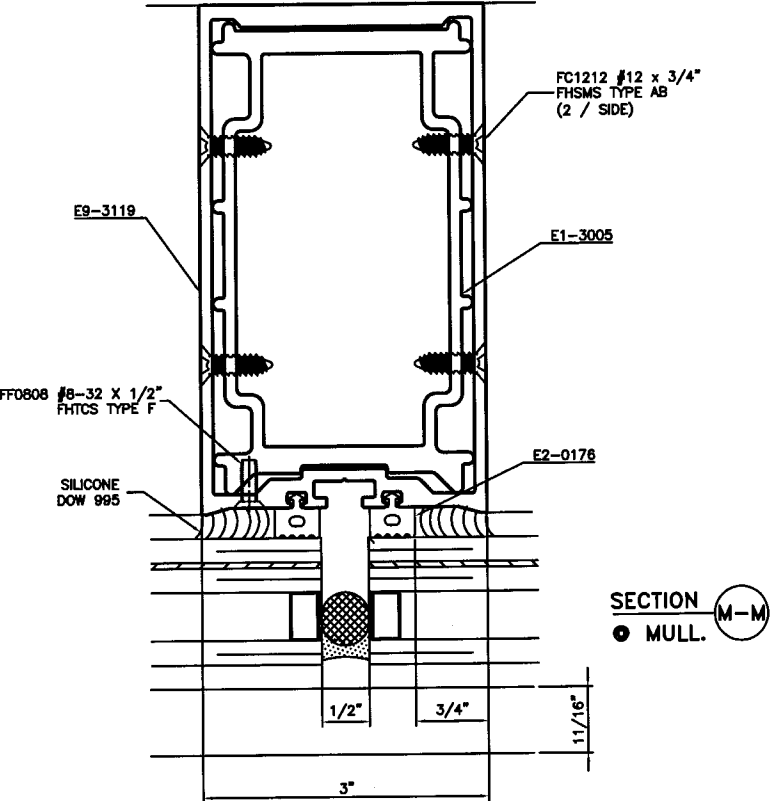
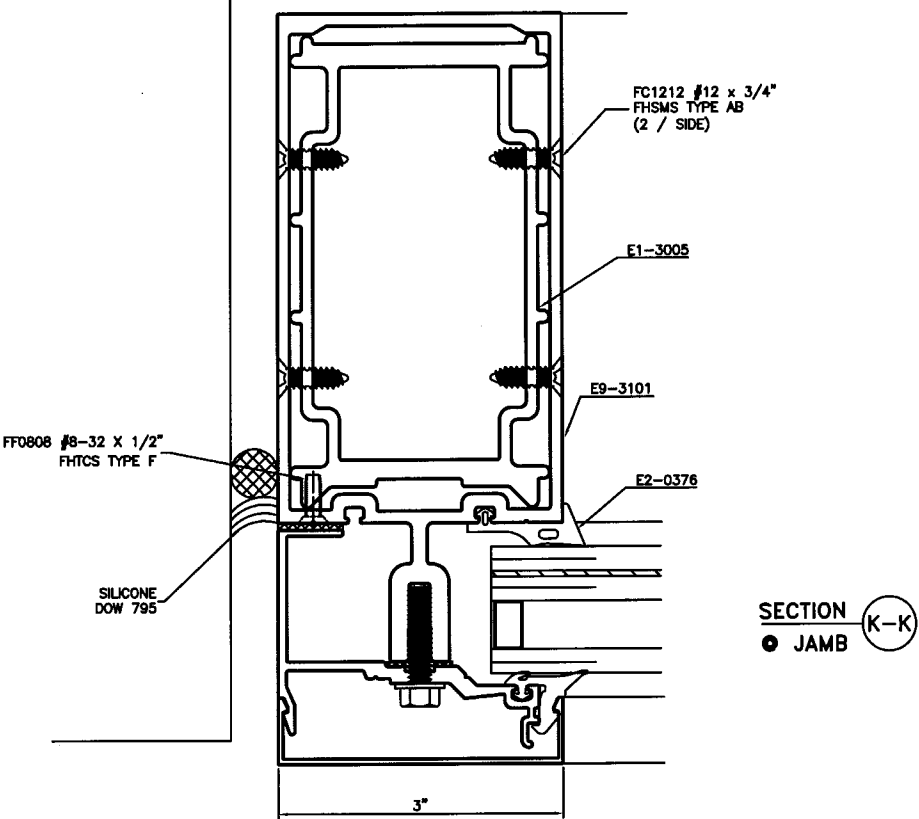
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0529.16
Expiration Date May 31, 2008
By *Mamie J. Sosa*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY

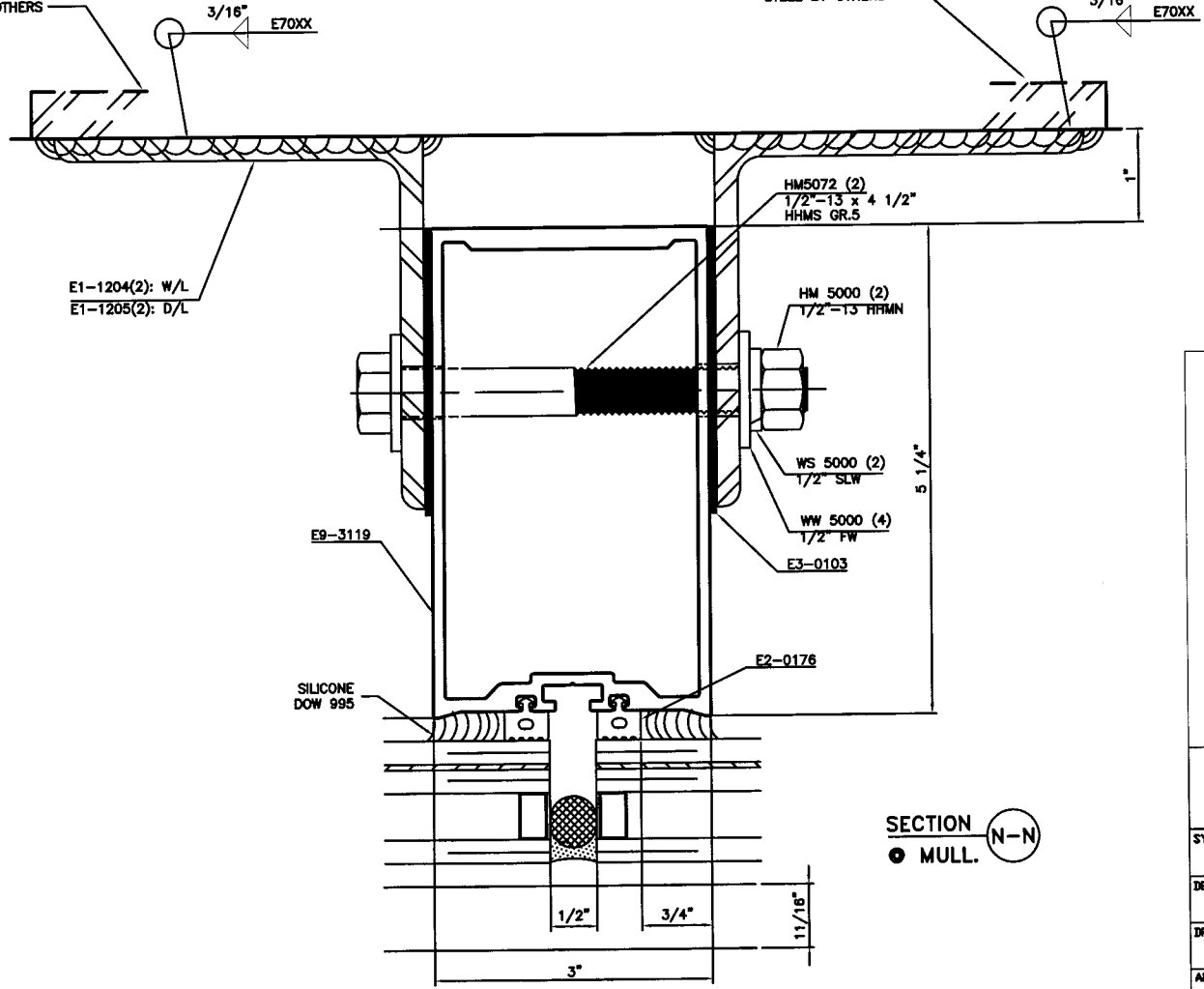
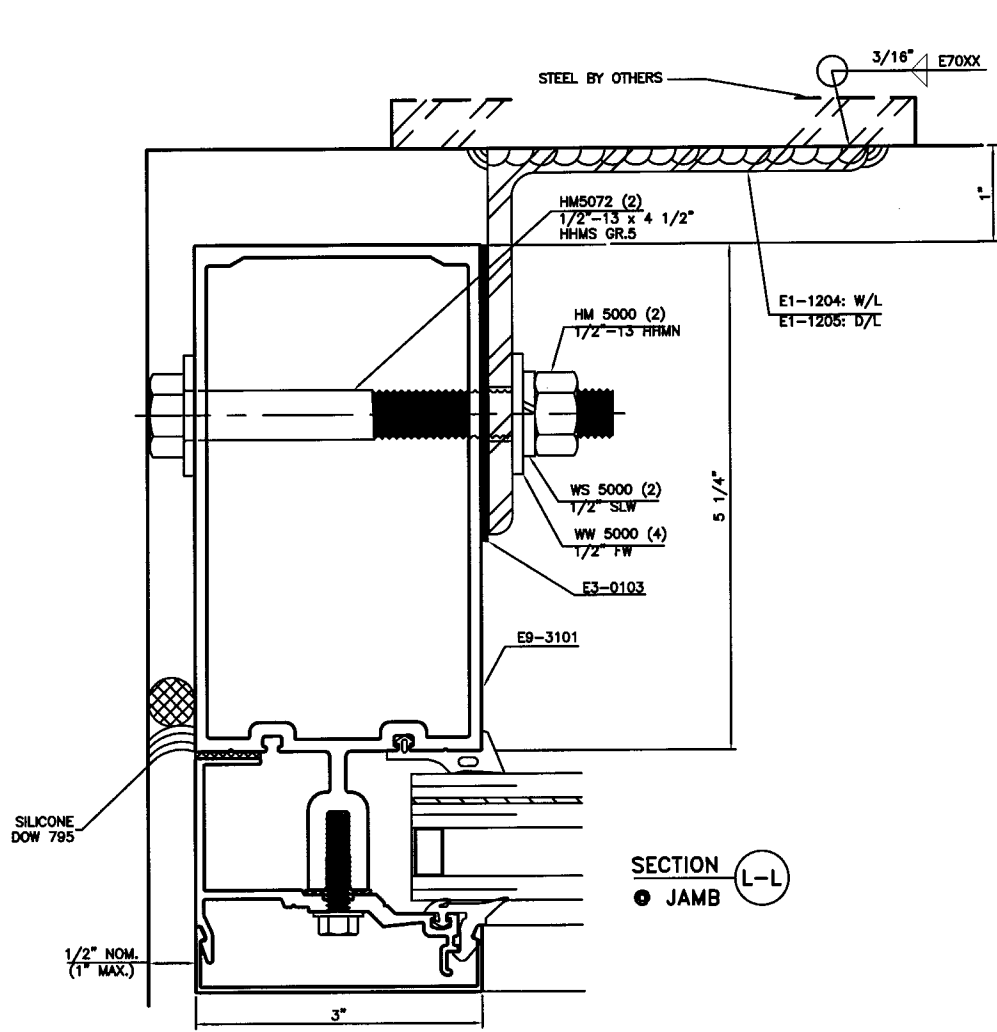
YK America
YK AP AMERICA, INC.
5630 GUALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	SPLICE & ANCHOR CLIP DETAILS		
DRAWING NUMBER	YHC-300-SSG-IS		
APPROVED BY	JIA	DATE	7/08/02
DRAWN BY	RTB	DATE	7/08/02
SHEET NO.	15 OF 29		

REV.	DESCRIPTION	BY	DATE



EXTERIOR

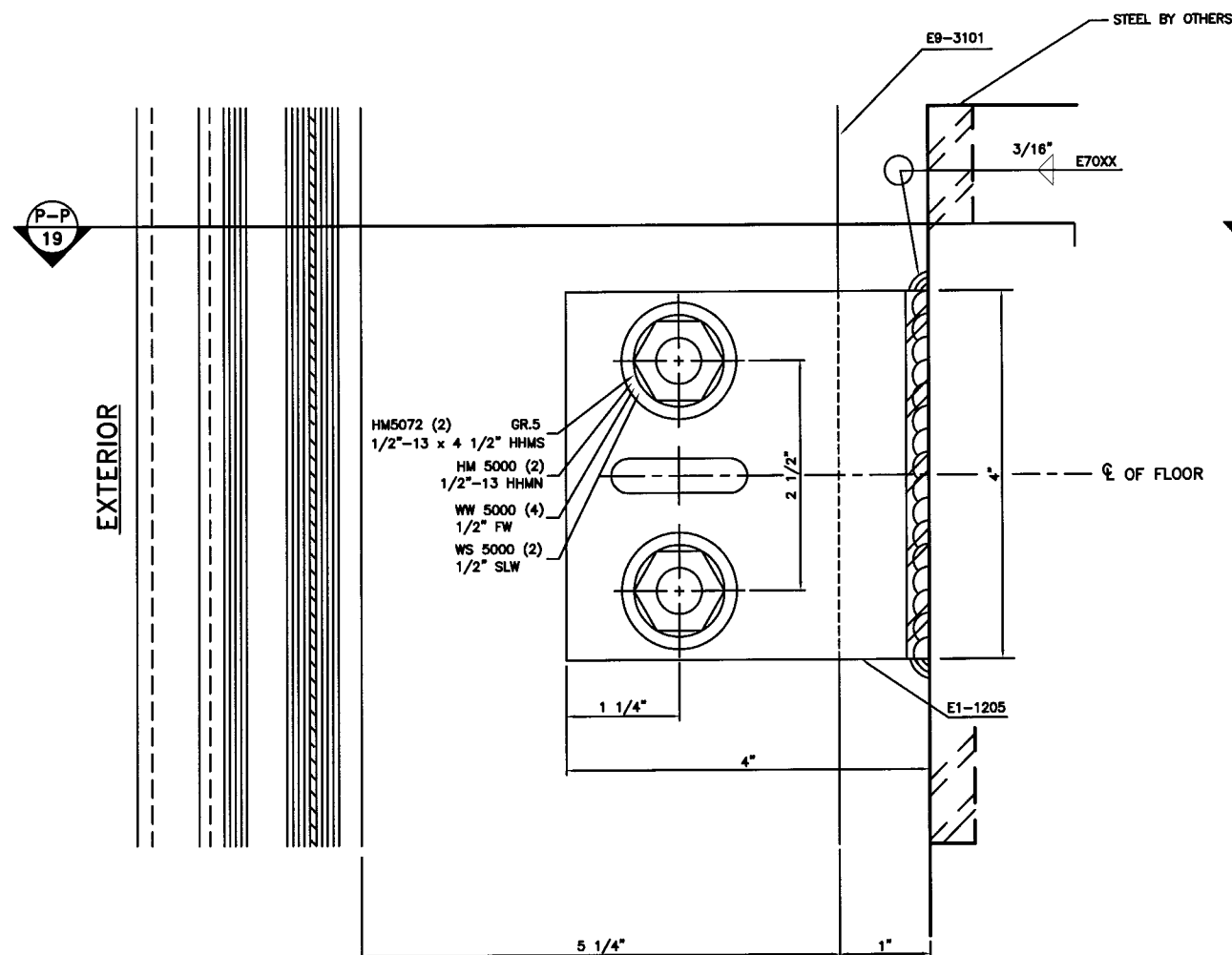


EXTERIOR

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0524.16
Expiration Date MAY 30 2008
By *[Signature]*
Miami Dade Product Control
Division

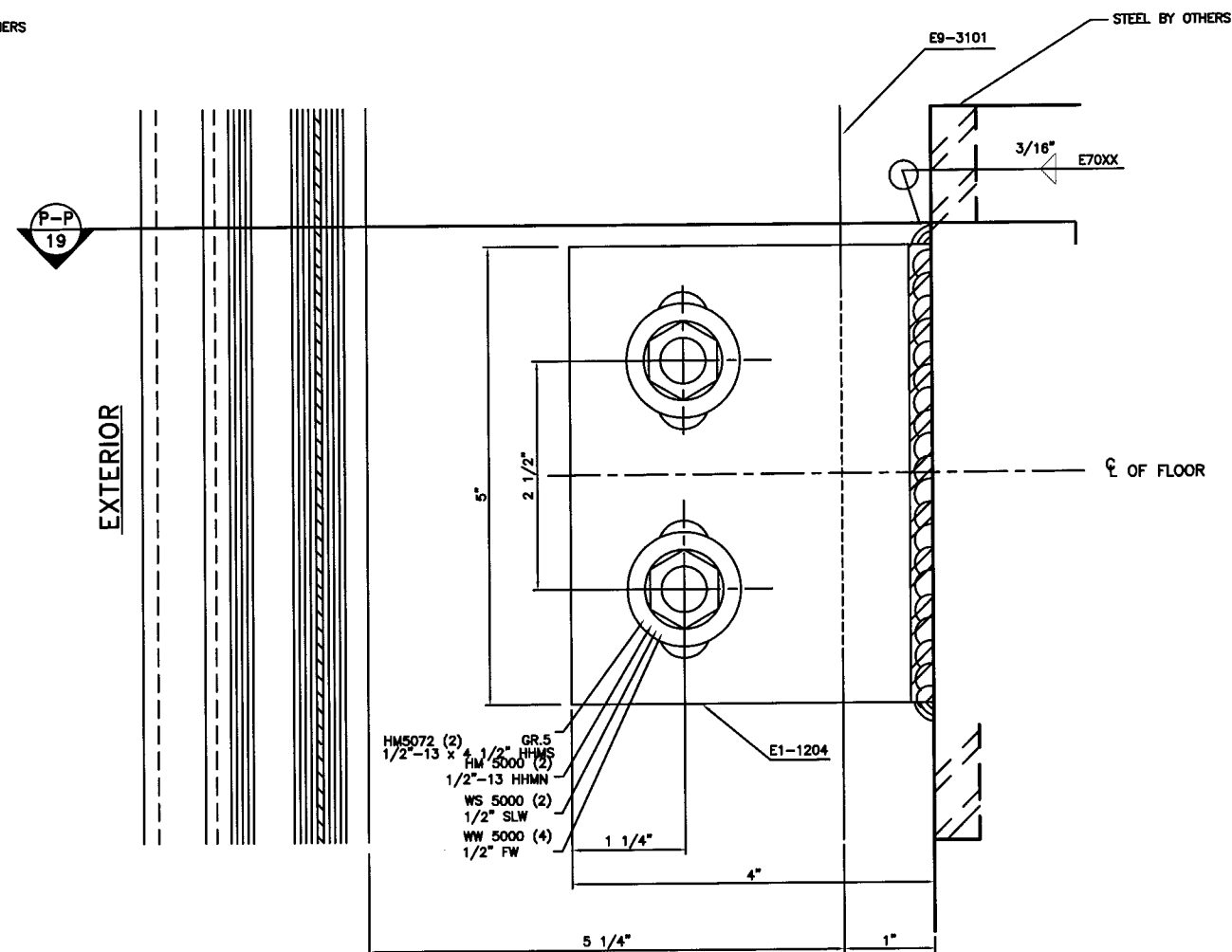
RESERVED FOR METRO-DADE USE ONLY			
YKK AP AMERICA, INC. 5630 GWALTNEY DRIVE ATLANTA, GEORGIA 30336		SCALE 1/2	
SYSTEM YHC 300 INSULATED SYSTEM			
DESCRIPTION SPLICE & ANCHOR CLIP DETAILS			
DRAWING NUMBER YHC-300-SSG-IS		REV.	
APPROVED BY JJA	DRAWN BY RTB	DATE 7/08/02	SHEET NO. 16 OF 29

REV.	DESCRIPTION	BY	DATE



DEADLOAD ANCHOR CLIP

DETAIL 53
● JAMB



WINDLOAD ANCHOR CLIP

DETAIL 53A
● JAMB

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0529.16
Expiration Date MAY 30, 2008
By *Manuel Perez*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY

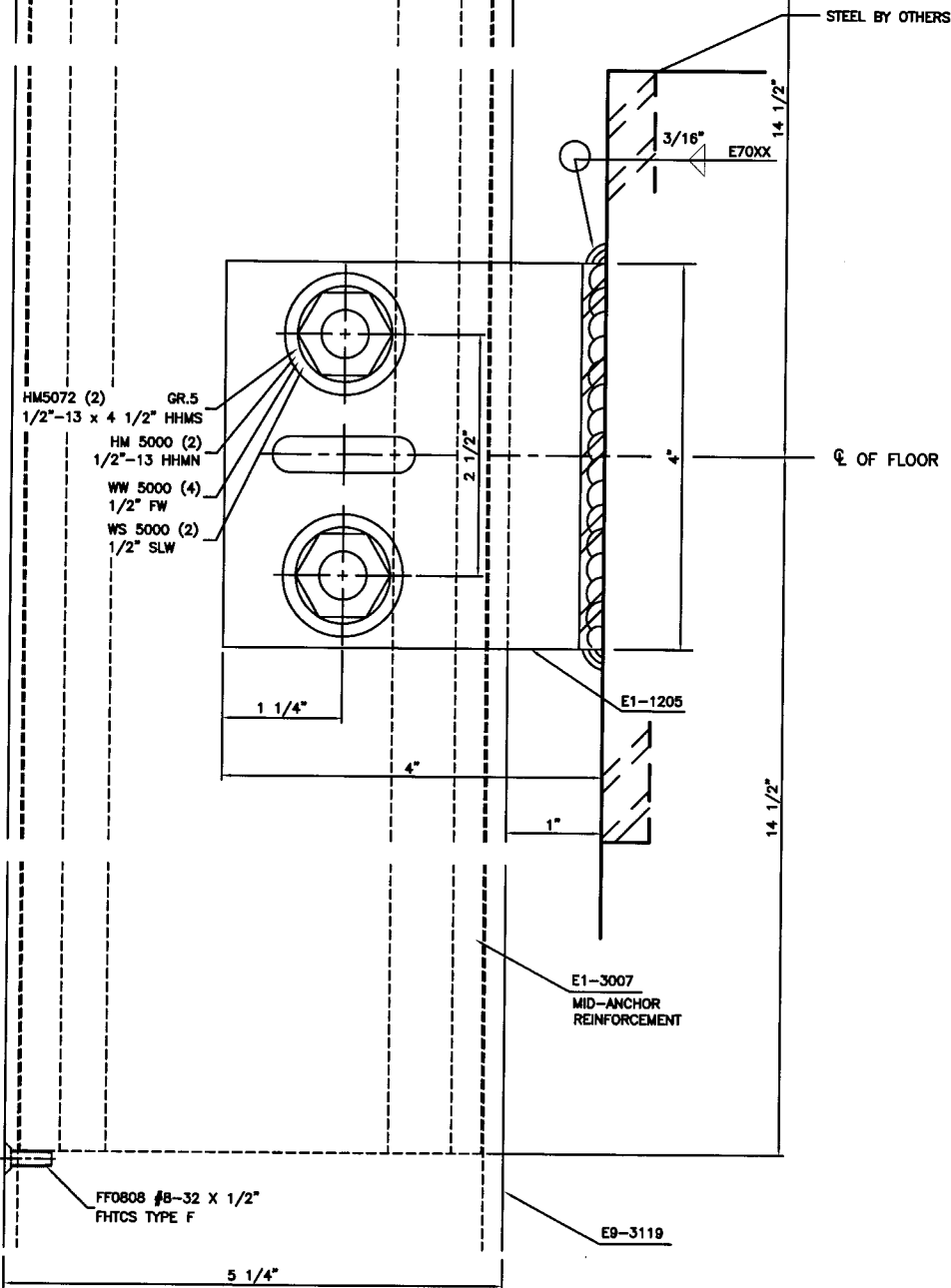
YKK AP AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30338

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	MID-ANCHOR CLIP DETAILS		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	RTB
DATE	7/08/02	SHEET NO.	17 OF 29

REV.	DESCRIPTION	BY	DATE

Q-Q
19

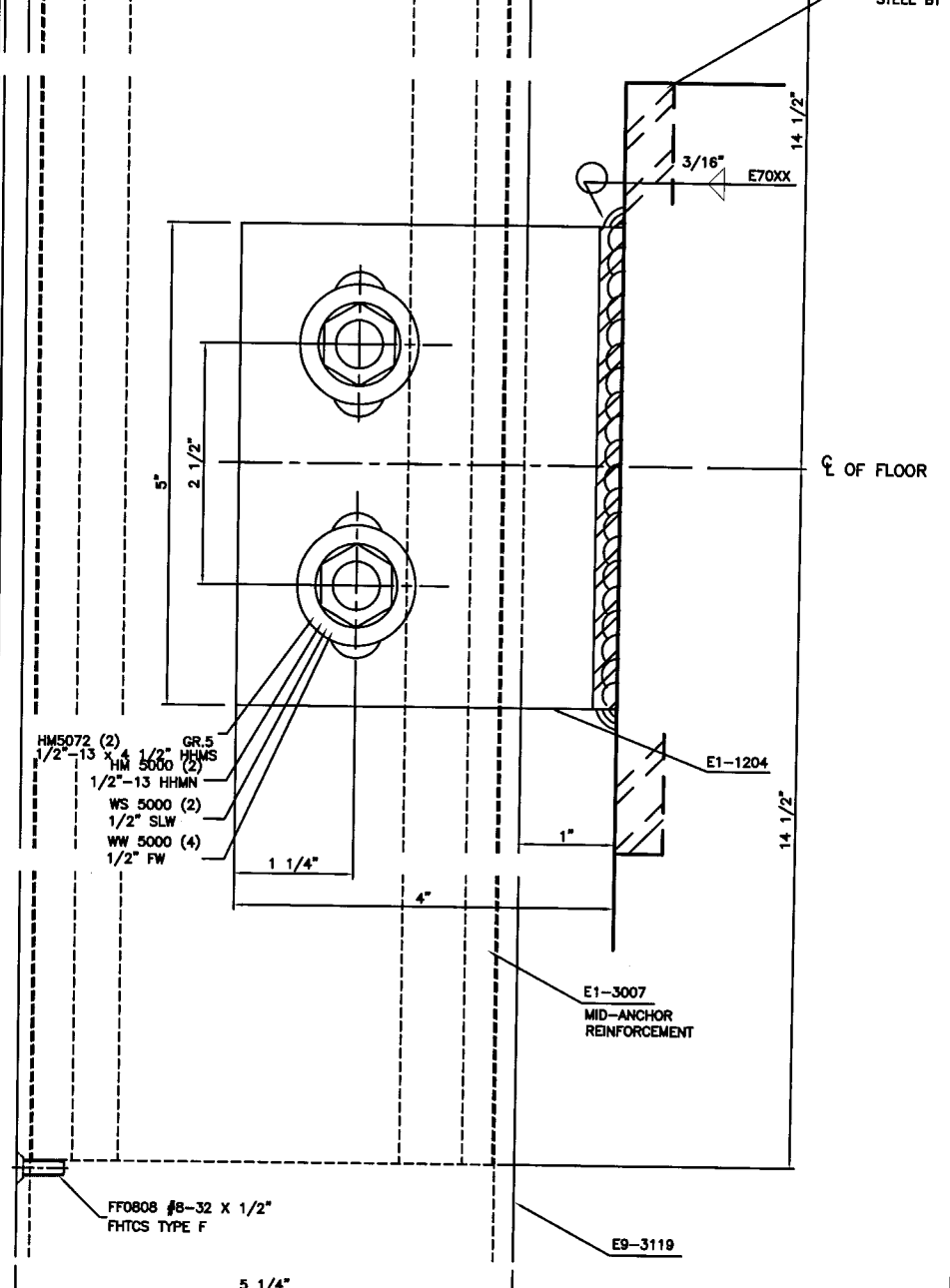
EXTERIOR



DEADLOAD ANCHOR CLIP
DETAIL 54
● MULL.

Q-Q
19

EXTERIOR



WINDLOAD ANCHOR CLIP
DETAIL 54A
● MULL.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0529.16
Expiration Date MAY 30, 2008
By *Manuel Perez*
Miami Dade Product Control
Division

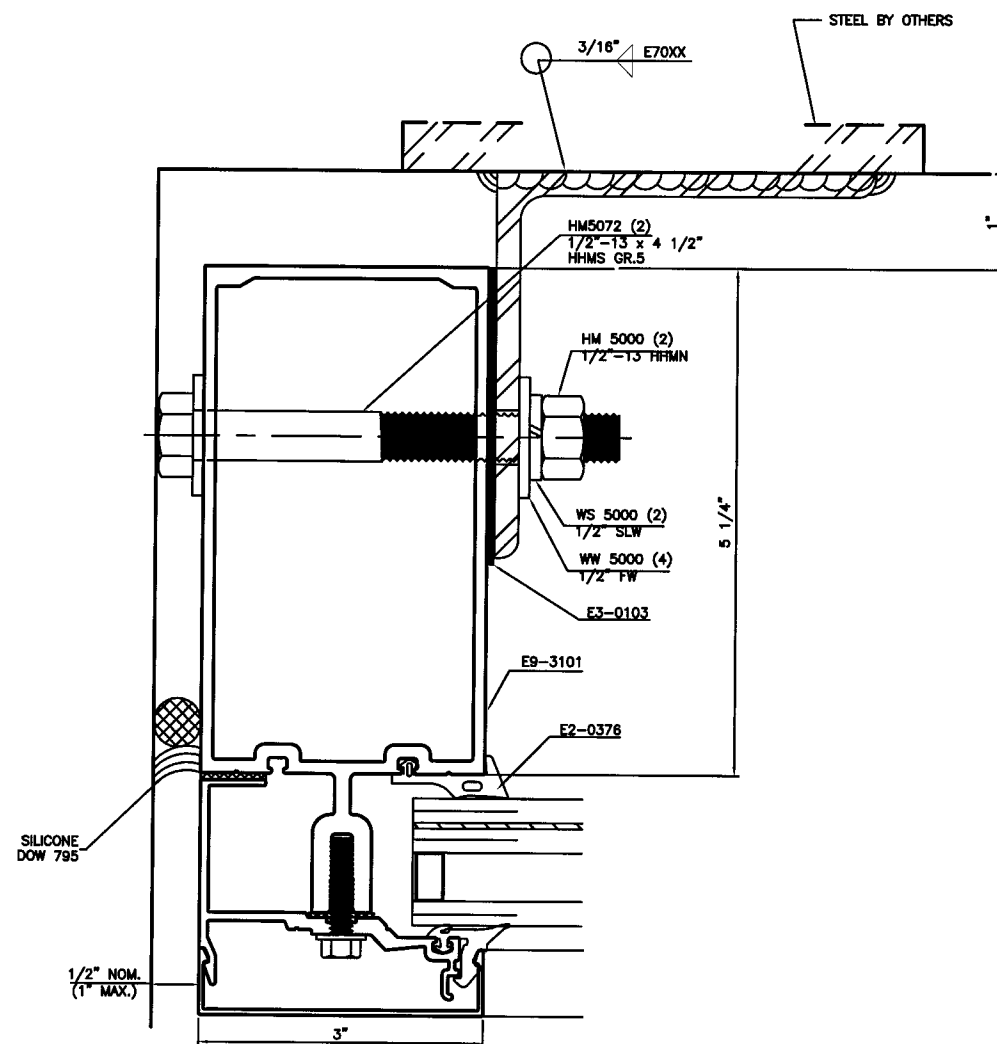
RESERVED FOR METRO-DADE USE ONLY



YHC AP AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

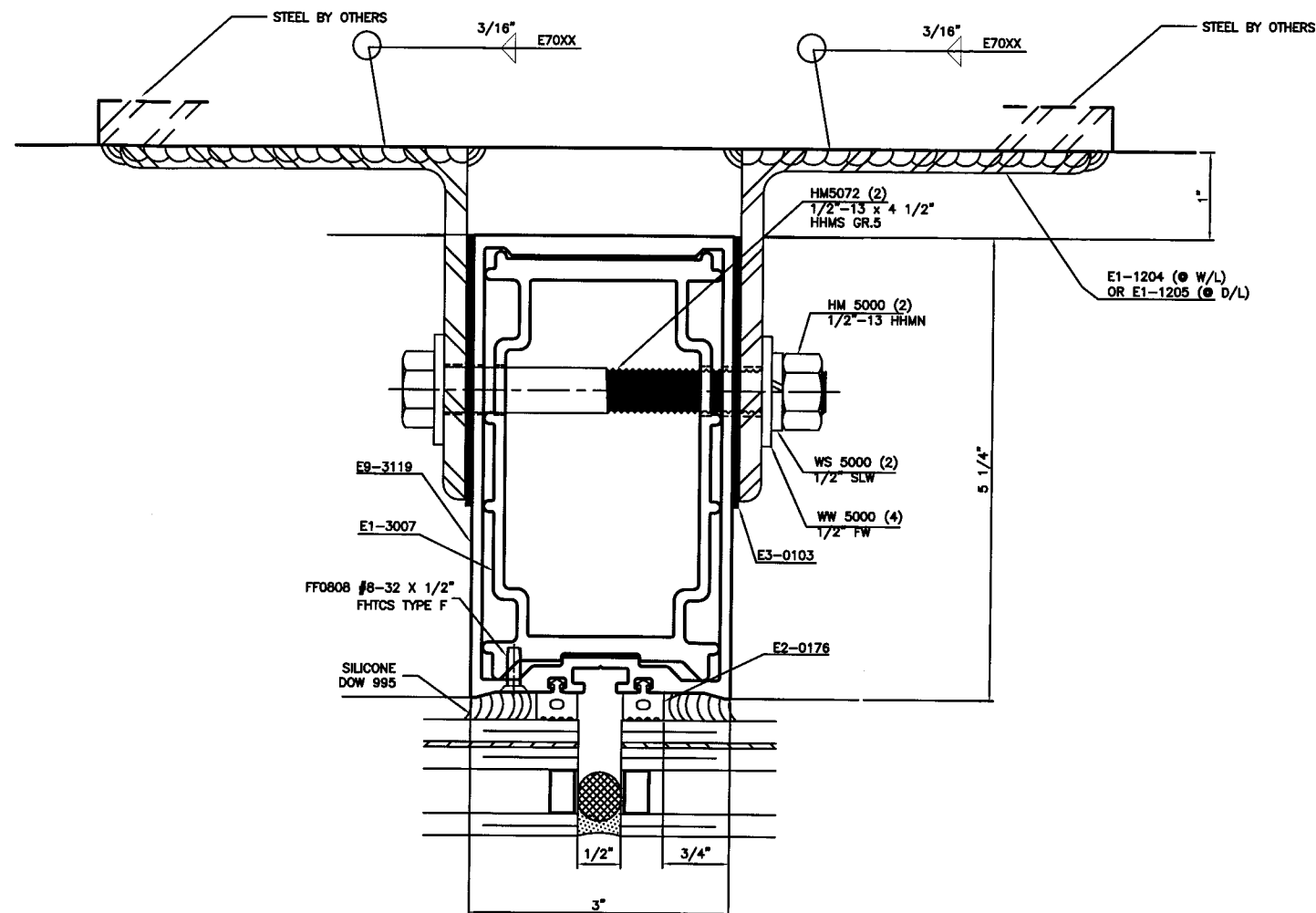
SYSTEM YHC 300 INSULATED GLAZING	SCALE 1/2
DESCRIPTION MID-ANCHOR DETAILS	
DRAWING NUMBER YHC-300-SSG-IS	REV.
APPROVED BY JJA	DRAWN BY RTB
DATE 7/08/02	SHEET NO. 18 OF 29

REV.	DESCRIPTION	BY	DATE



EXTERIOR

SECTION P-P



SECTION Q-Q

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0529.16
Expiration Date May 30, 2008
By *Manuel Perez*
Miami Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY

YKK AP AMERICA, INC.
5630 GUALTNEY DRIVE
ATLANTA, GEORGIA 30336

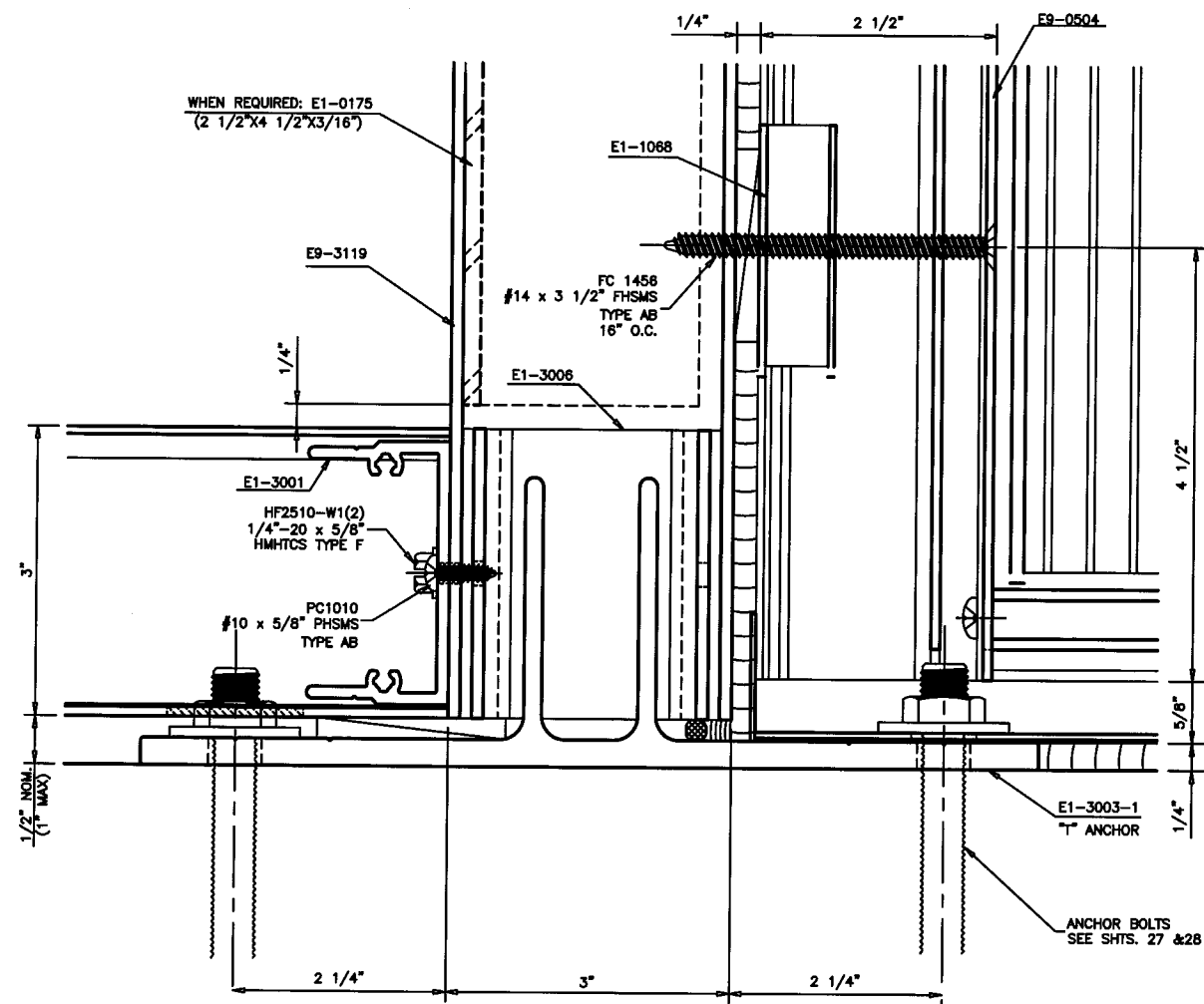
SYSTEM	SCALE
YHC 300 INSULATED GLAZING	1/2

DESCRIPTION
MID-ANCHOR CLIP DETAIL

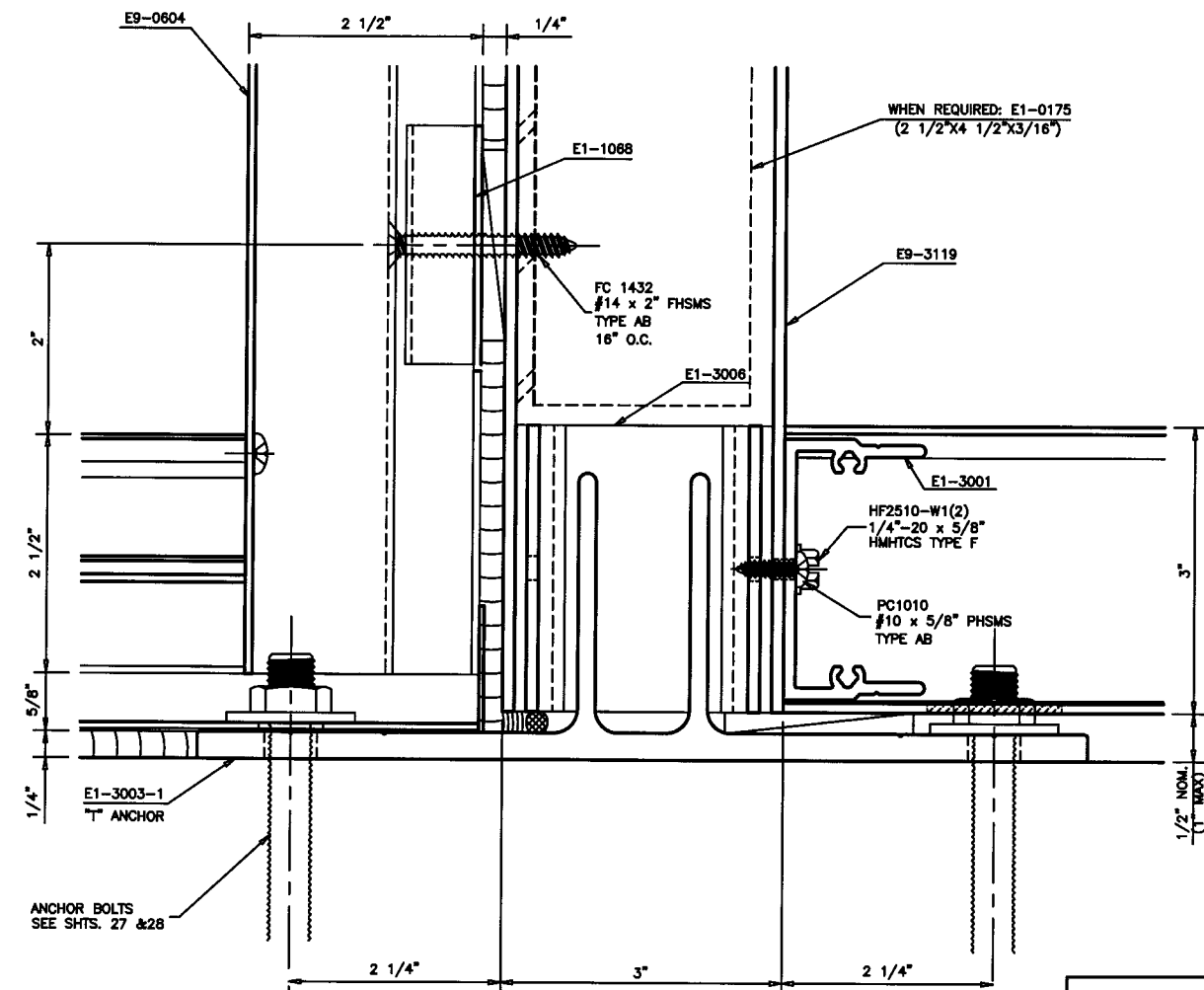
DRAWING NUMBER	REV.
YHC-300-SSG-IS	

APPROVED BY	DRAWN BY	DATE	SHEET NO.
JIA	RTB	7/08/02	19 OF 29

REV.	DESCRIPTION	BY	DATE



SECTION R-R
● DOOR



SECTION S-S
● STOREFRONT

SEE DETAIL OF DOOR AND
STOREFRONT IN THE
CORRESPONDING NOTICE OF
ACCEPTANCE

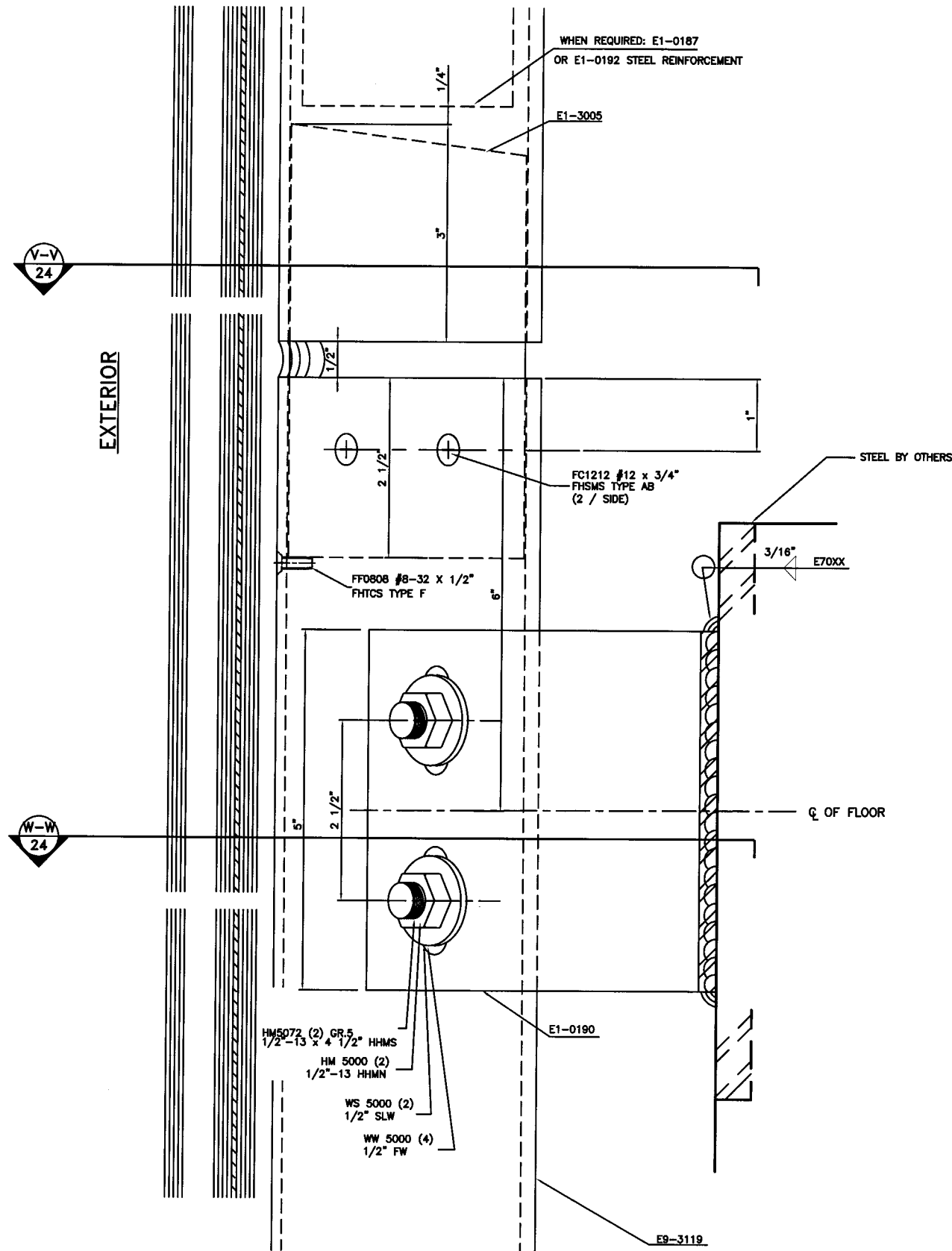
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-052916
Expiration Date MAY 30, 2008
By Maurice Pera
Miami/Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY

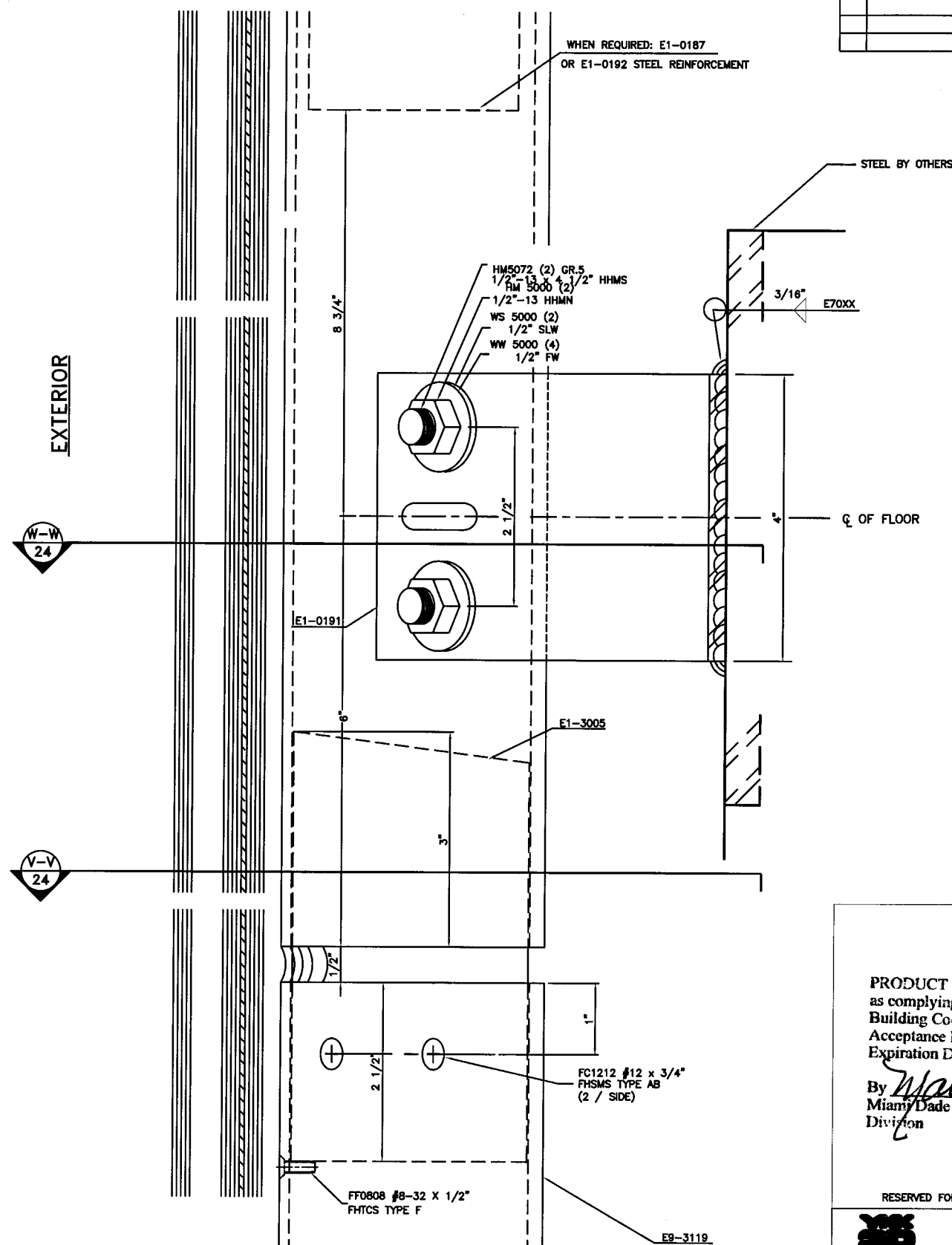
YKK AP AMERICA, INC.
5830 GWALTNEY DRIVE
ATLANTA, GEORGIA 30338

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	STOREFRONT/DOOR SILL ANCHOR DETAIL		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	RTB
DATE	7/08/02	SHEET NO.	20 OF 29

REV.	DESCRIPTION	BY	DATE



SPLICE & WINDLOAD ANCHOR CLIP
 • 90° COR. MULL.
 DETAIL 55



SPLICE & DEADLOAD ANCHOR CLIP
 • 90° COR. MULL.
 DETAIL 55A

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 07-0524-16
 Expiration Date MAY 30, 2008
 By *Wanda Perry*
 Miami Dade Product Control
 Division

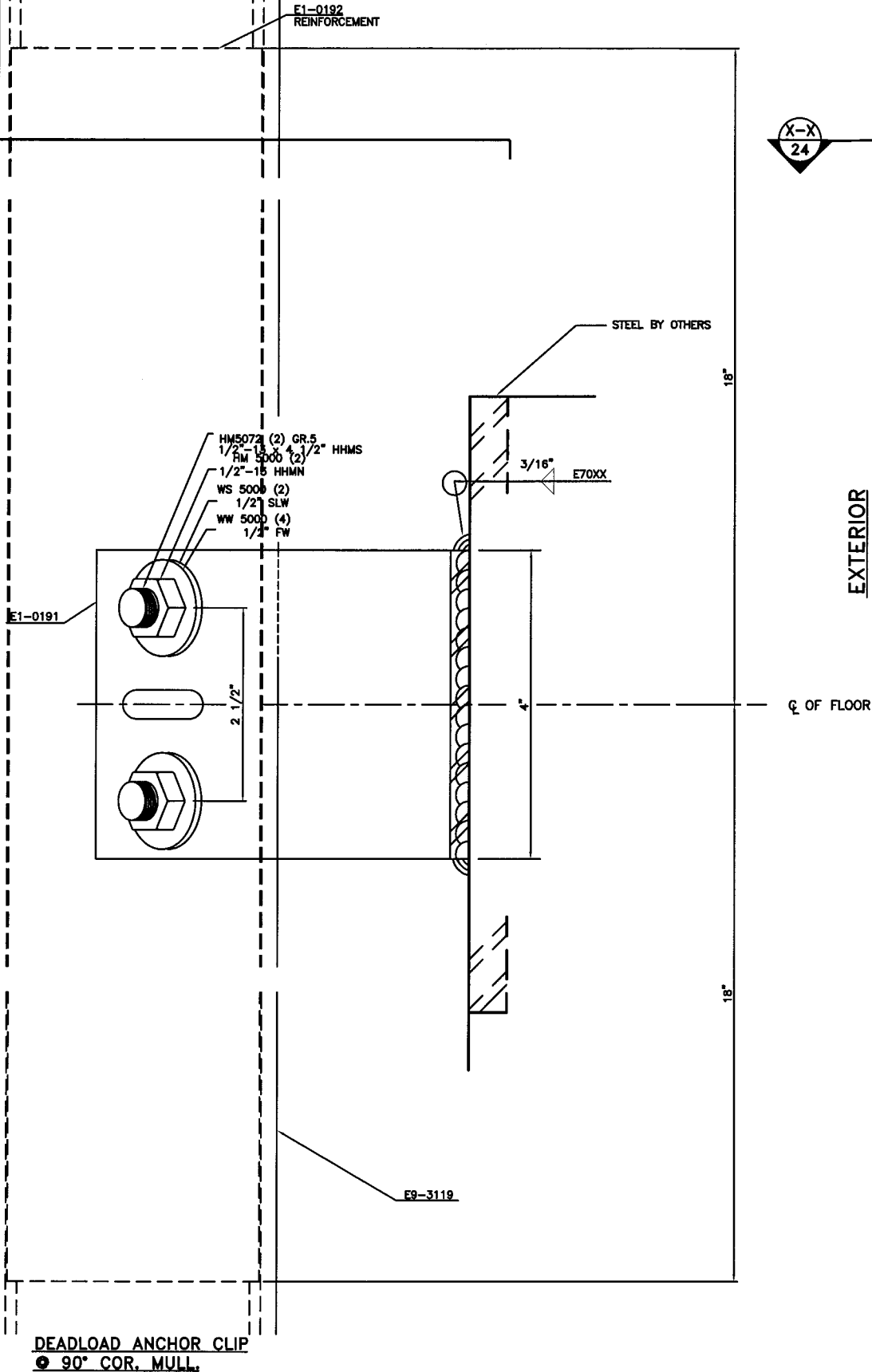
RESERVED FOR METRO-DADE USE ONLY

YHC America		YHC AP AMERICA, INC. 5630 GWALTNEY DRIVE ATLANTA, GEORGIA 30336	
SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	SPLICE & ANCHOR CLIP • 90° COR.		
DRAWING NUMBER	YHC-300-SSG-IS		
APPROVED BY	JIA	DRAWN BY	RTB
DATE	7/08/02	SHEET NO.	22 OF 29

REV.	DESCRIPTION	BY	DATE

EXTERIOR

X-X
24



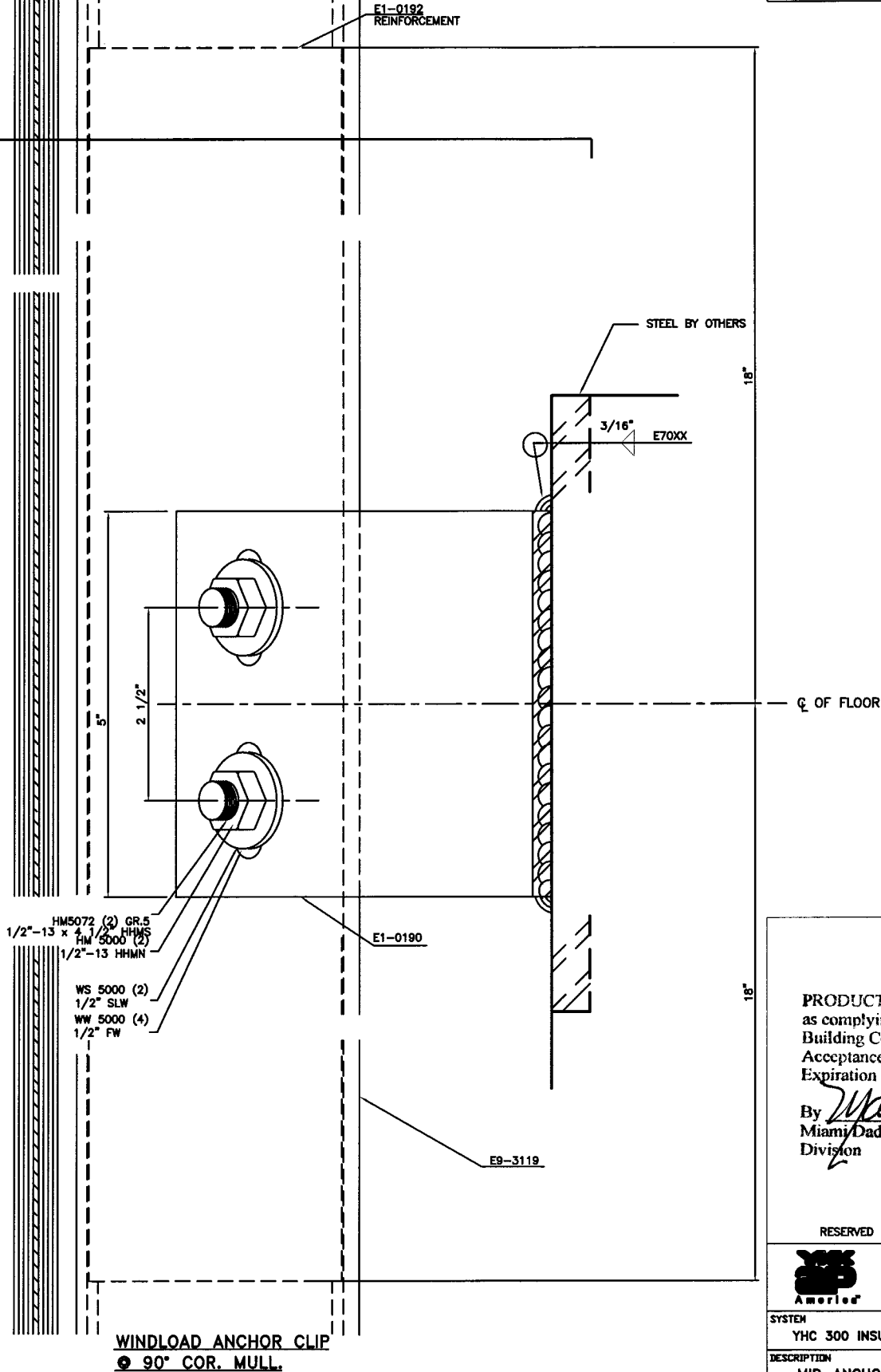
DEADLOAD ANCHOR CLIP
● 90° COR. MULL.

DETAIL

56

EXTERIOR

X-X
24



WINDLOAD ANCHOR CLIP
● 90° COR. MULL.

DETAIL

56A

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 01-0529.16
Expiration Date MAY 30 2008
By *[Signature]*
Miami/Dade Product Control
Division

RESERVED FOR METRO-DADE USE ONLY



YKK AP AMERICA, INC.
5830 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	MID-ANCHOR DETAILS ● 90° COR.		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	RTB
DATE	7/08/02	SHEET NO.	23 OF 29



MATERIAL LIST

	DESCRIPTION	SHAPE #	MATERIAL	BASIC DIMENSIONS	REMARK	REV
	VERT. JAMB	E9-3101	6063-T5	3" x 5 1/4"		
	OPEN SIDE HORIZ.	E9-3104	6063-T5	3" x 5 1/4"	FOR SILL & HEAD	
	HORIZONTAL	E9-3102	6063-T5	3" x 5 1/4"		
	VERT. MULLION	E9-3119	6063-T5	3" x 5 1/4"		
	TYP. PRESS. PLATE	AS-3138	6063-T5	2 1/2" x 5/8"	FOR HORIZ.	
	PERIM. PRESS. PL. 1"	AS-3143	6063-T5	2 3/4" x 1 1/2"	FOR JAMB, HEAD & SILL	
	CORNER ADAPTOR	E9-3149	6063-T5		FOR 90° CORNER	
	SNAP COVER	E9-3161	6063-T5	3" x 11/16"	FOR VERT. & HORIZ. MULL.	
	2 PIECE FLUSH FILLER	E9-3162	6063-T5	4 7/8" x 5/16"	FOR OPEN SIDE HORIZ.	
	MULL. EXTENDER	E9-3165	6063-T5	3" x 2 3/16"	FOR 90° CORNER	
	SNAP BASE	E9-1280	6063-T5		FOR 90° CORNER	
	POST ADAPTER 1"	E9-3151	6063-T5	1 1/4" x 2 1/4"	FOR DOOR	

PART LIST

	DESCRIPTION	PART #	MATERIAL	BASIC DIMENSIONS	REMARK	
	SHEAR CLIP	E1-3001	6063-T5	4 1/2"	HORIZ. TO VERT. CONNECTION	
	ANCHOR / SHEAR CLIP	E1-3002	6063-T5	4 1/2"	SILL TO VERT. CONNECTION	
	"T" ANCHOR	E1-3003	6061-T6	4"	TOP ANCHOR (FROM E9-3194)	
	"F" ANCHOR	E1-3004	6063-T5	4"	TOP JAMB ANCHOR (FROM E9-3598)	
	SPLICE SLEEVE	E1-3005	6063-T5	6"	FOR MULTI-SPAN APPLICATION	
	ANCHOR SLEEVE	E1-3006	6063-T5	3"	USE WITH 'T' & 'F' ANCHORS	
	REINF. SLEEVE	E1-3007	6063-T5	29"	AT MID-SPAN ANCHOR IN TWIN SPANS	
	SPLICE SLEEVE	E1-3009	6063-T5	2"	FOR MULTI-SPAN APPLICATION	
	END PLATE	E1-3011	ALUM. SHT.		FOR VERT. MULLION SINGLE GL.	
	SHEAR ANGLE	E1-3016	6063-T5	1 1/2" x 1 1/2" x 7 13/16"	MITERED FOR 90° CORNER	
	SHEAR ANGLE	E1-3017	6063-T5	1 1/2" x 1 1/2" x 7 13/16"	MITERED FOR 90° CORNER	
	MULLION END ANCHOR	E1-3018	ASSEMBLY	7 3/4" x 9 3/16"	FOR 90° CORNER	
	STEEL REINF. (CHANNEL)	E1-0189	STEEL A36	2 1/2" x 4 3/8" x 3/16"	FOR INTERMEDIATE VERT.	
	STEEL REINF. (TUBE)	E1-0187	STEEL A36	2" x 4" x 3/16"	FOR 90° CORNER -SINGLE SPAN-	
	STL. REINF. (COMB. TUBE/CH.)	E1-0192	STEEL A36	2" x 4" x 3/16" + CHANNEL	FOR 90° CORNER -TWIN SPAN-	

DEPTH 6 15/16" & 7 1/2"

SYSTEM YHC 300 SSG

DESCRIPTION HURRICANE CURTAINWALL

FINISH PAINTED OR ANODIZED

HARDWARE N/A

GLAZING SEE ELEVATION SHEET

BILL OF MATERIALS

INSULATED GLAZING

PART LIST

	DESCRIPTION	PART #	MATERIAL	BASIC DIMENSIONS	COLOR	REMARK	REV
	EXT. GASKET 3/16" F.C.	E2-0366	EPDM SC		BLACK	EXTERIOR FOR 1 5/16" GLASS	
	SPACER GASKET	E2-0176	EPDM SC		BLACK	INTERIOR @ MULLION	
	INTERIOR GASKET	E2-0376	EPDM		BLACK	INTERIOR @ JAMBS, HORIZ.	
	END DAM BLOCK	E2-0355	E.V.A. SPONGE		GREY	AT HORIZ. END INTO JAMB	
	ISOLATOR TAPE	E2-0356	PVC SPONGE		BLACK	FOR PERIMETER PRESSURE PLATE	
	SETTING BLOCK	E2-0375	EPDM		BLACK	(2/LITE)	
	JOINT PLUG	E2-0371	EPDM SC		BLACK	@ EA. HORIZ. END @ MULL'S	
	JT. PLUG (90° COR)	E2-0373	E.V.A. SPONGE		GREY	@ HORIZ. END @ 90° COR.	
	SLIP PAD	E3-0103	NYLON		WHITE	FOR STEEL ANCHORS	
	FH SMS (F)	FF-0808	ST. ZINC PLATED	#8 x 1/2"		TO LOCATE E1-3007	
	FH SMS (AB)	FC-1016	ST. ZINC PLATED	#10 x 1"		FOR E9-3141 ADAPTOR	
	FH SMS (AB)	FC-1212	ST. ZINC PLATED	#12 x 3/4"		FOR SPLICE SLEEVE	
	FH SMS (AB)	FC-1220	ST. ZINC PLATED	#12 x 1 1/4"		FOR HORIZONTAL/SHEAR CLIP	
	FH SMS (AB)	FC-1410	ST. ZINC PLATED	#14 x 5/8"		FOR MULLION END CAP	
	PH SMS (AB)	PC-1010	ST. ZINC PLATED	#10 x 5/8"		FOR ANCHOR SLEEVE	
	HWH TCS (F)	HF2510-W1	ST. ZINC PLATED	1/4" - 20 x 5/8"		FOR SHEAR CLIP	
	HWH TCS (F)	HF2516-W1	ST. ZINC PLATED	1/4" - 20 x 1"		FOR SHEAR CLIP & STEEL REINF.	
	HH MS	HM-2516-W3	ST. ZINC PLATED	1/4" - 20 x 1"		FOR PRESSURE PLATE	
	BOLT	HM-3864	ST. ZINC PLATED	3/8" - 16 x 4"		FOR "J" ANCHOR MULLION	
	BOLT	HM-3816	STEEL GR. 5	3/8" - 16 x 1"		FOR "J" ANCHOR JAMB	
	NUT 3/8"	HM-3800	STEEL GR. 5	3/8" - 16		FOR "J" ANCHOR MULL. & JAMB	
	WASHER 3/8"	WW-3800	ST. ZINC PLATED	3/8"		FOR "J" ANCHOR MULL. & JAMB	
	LOCK-WASHER 3/8"	WS-3800	ST. ZINC PLATED	3/8"		FOR "J" ANCHOR MULL. & JAMB	
	NUT 1/2"	HM-5000	ST. ZINC PLATED	1/2" x 13		FOR INTERMEDIATE ANCHORS	
	WASHER 1/2"	WN-5000	ST. ZINC PLATED	1/2"		FOR INTERMEDIATE ANCHORS	
	LOCK-WASHER 1/2"	WS-5000	ST. ZINC PLATED	1/2"		FOR INTERMEDIATE ANCHORS	
	BOLT	HM-5072	STEEL GR. 5	1/2" x 13 x 4 1/2"		FOR INTERMEDIATE ANCHORS	
	STEEL ANGLE	E1-1204	STEEL A36	4" x 4" x 1/4" x 5" LG.		WINDLOAD ANCHOR	
	STEEL ANGLE	E1-1205	STEEL A36	4" x 4" x 1/4" x 4" LG.		DEADLOAD ANCHOR	
	FORMED ST. ANGLE	E1-0190	STEEL A36	6 1/2" x 4" x 1/4" x 5" LG.		W/L ANCHOR @ 90° COR.	
	FORMED ST. ANGLE	E1-0191	STEEL A36	6 1/2" x 4" x 1/4" x 4" LG.		D/L ANCHOR @ 90° COR.	
	RAWL-STUD ANCHOR			1/2" x 5 1/2"		FOR INTERMEDIATE	
	RAWL-BOLT ANCHOR			3/8" x 4"		FOR JAMB	
	DOW 795		SILICONE			FOR PERIMETER CAULKING	
	DOW 995		SILICONE			FOR STRUCTURAL CAULKING	

NOTE :

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0529.16
Expiration Date 07/14/30 2008
By *Manuel Perez*
Miami Dade Product Control
Division

LP

LOOSE PART

S

SELECTION PART

OP

OPTION PART

Y: COLOR INDICATED

REV

DESCRIPTION

BY

DATE

NO. YHC 300 SSG-IS

CKD BY

JIA

BY

RTB

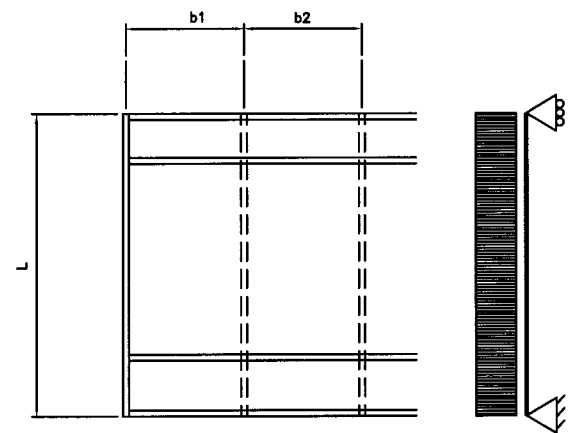
DATE

7/8/2002

SHEET NO.

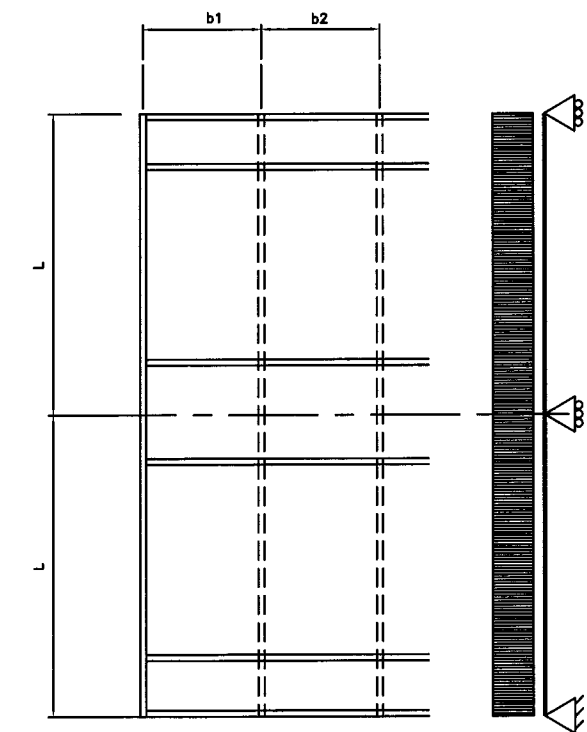
25 of 29

YHC 300 SSG SINGLE SPAN



$$b = \frac{b1 + b2}{2}$$

YHC 300 SSG TWIN SPAN



$$b = \frac{b1 + b2}{2}$$

MAXIMUM MULLION SPAN "L" (Ft) SCHEDULE FOR A GIVEN MULLION
SPACING "b" (Ft) AND A GIVEN DESIGN WIND LOAD "W" (psf)

CASE 1 : SINGLE SPAN WITH UNREINFORCED MULLION. (SEE DETAIL 2/4)

CASE 2 : SINGLE SPAN WITH REINFORCED MULLION FULL HEIGHT. (SEE DETAIL 3/4) (LENGTH OF E1-0189 = L-6 1/2")

CASE 3 : TWIN SPANS WITH REINFORCED MULLION AT INTERMEDIATE SUPPORT ONLY. (SEE DETAIL 54 & 54A/18 + SECT QQ/19) (LENGTH OF E1-3007 = 29")

MAXIMUM DESIGN LOAD "W"	"b"	CASE 1	CASE 2	CASE 3
		"L"	"L"	"L"
±60.0	3'-0"	11'-6"	14'-0"	14'-0"
	3'-6"	11'-1"	14'-0"	14'-0"
	4'-0"	10'-4"	14'-0"	14'-0"
	4'-6"	9'-10"	13'-11"	13'-9"
	5'-0"	9'-3"	13'-5"	13'-3"
	5'-6"	8'-10"	13'-0"	12'-10"
	6'-0"	8'-6"	12'-5"	12'-5"
	6'-6"	8'-2"	12'-0"	12'-0"
±65.0	3'-0"	11'-5"	14'-0"	14'-0"
	3'-6"	10'-8"	14'-0"	14'-0"
	4'-0"	10'-0"	14'-0"	13'-11"
	4'-6"	9'-5"	13'-6"	13'-5"
	5'-0"	8'-11"	13'-1"	12'-11"
	5'-6"	8'-6"	12'-6"	12'-6"
	6'-0"	7'-10"	11'-6"	11'-6"
	6'-6"	7'-6"	11'-1"	11'-1"
±70.0	3'-0"	11'-1"	14'-0"	14'-0"
	3'-6"	11'-3"	14'-0"	14'-0"
	4'-0"	9'-7"	13'-9"	13'-7"
	4'-6"	9'-0"	13'-3"	13'-1"
	5'-0"	8'-7"	12'-8"	12'-7"
	5'-6"	7'-11"	11'-8"	11'-8"
	6'-0"	7'-3"	10'-8"	10'-8"
	6'-6"	6'-9"	10'-3"	10'-3"
±75.0	3'-0"	10'-9"	14'-0"	14'-0"
	3'-6"	9'-11"	14'-0"	13'-11"
	4'-0"	9'-3"	13'-5"	13'-3"
	4'-6"	8'-9"	12'-10"	12'-9"
	5'-0"	8'-1"	12'-0"	12'-0"
	5'-6"	7'-5"	10'-10"	10'-10"
	6'-0"	6'-9"	10'-0"	10'-0"
	6'-6"	6'-3"	9'-6"	9'-6"

MAXIMUM DESIGN LOAD "W"	"b"	CASE 1	CASE 2	CASE 3
		"L"	"L"	"L"
±80.0	3'-0"	10'-4"	14'-0"	14'-0"
	3'-6"	9'-7"	13'-9"	13'-7"
	4'-0"	9'-0"	13'-2"	13'-0"
	4'-6"	8'-6"	12'-5"	12'-5"
	5'-0"	7'-7"	11'-3"	11'-3"
	5'-6"	6'-11"	10'-3"	10'-2"
	6'-0"	6'-4"	9'-4"	9'-4"
	6'-6"	6'-0"	9'-0"	9'-0"
±85.0	3'-0"	10'-1"	14'-0"	14'-0"
	3'-6"	9'-4"	13'-6"	13'-4"
	4'-0"	8'-9"	12'-10"	12'-9"
	4'-6"	8'-0"	11'-9"	11'-9"
	5'-0"	7'-2"	10'-7"	10'-7"
	5'-6"	6'-6"	9'-7"	9'-7"
	6'-0"	6'-0"	8'-9"	8'-9"
	6'-6"	5'-6"	8'-5"	8'-5"
±90.0	3'-0"	9'-9"	13'-11"	13'-9"
	3'-6"	9'-1"	13'-3"	13'-1"
	4'-0"	8'-6"	12'-6"	12'-6"
	4'-6"	7'-6"	11'-1"	11'-1"
	5'-0"	6'-9"	10'-0"	10'-0"
	5'-6"	6'-2"	9'-1"	9'-1"
	6'-0"	5'-8"	8'-3"	8'-3"
	6'-6"	5'-4"	7'-10"	7'-10"

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0529.16
Expiration Date MAY 30, 2008
By *Michael J. Jurek*
Miami Dade Product Control
Division

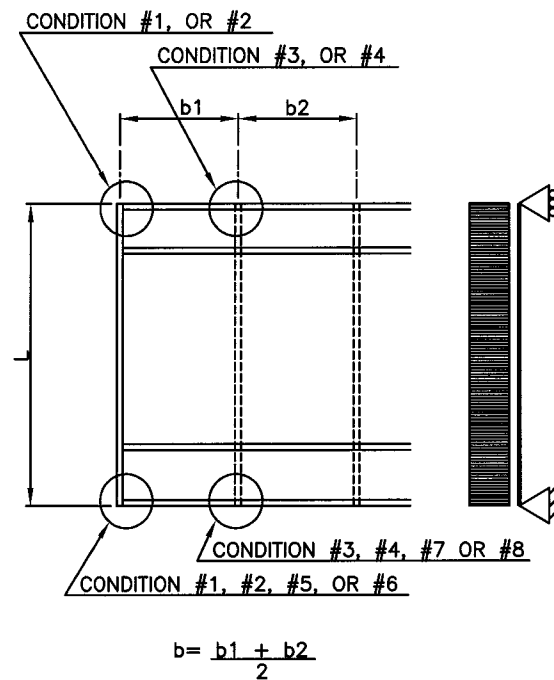
RESERVED FOR METRO-DADE USE ONLY



YHC AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	NONE
DESCRIPTION	MULLION CHART		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DATE	7/8/02
DRAWN BY	JIA	SHEET NO.	26 of 29

YHC 300 SSG SINGLE SPAN



NOTES:

ANCHORING INTO CONCRETE
ASSUMING THE FOLLOWING:

1. CONCRETE TO BE 3000 PSI MIN.
2. EDGE DISTANCE AS SHOWN MIN.
3. SIZES AND EMBEDMENT AS LISTED

APPROVED ANCHOR BOLT TYPES:

NOTE: ALL ANCHORS LISTED BELOW, WHEN
USED IN THE CONDITIONS SHOWN HEREIN,
MEET THE CAPACITY OF THE SYSTEM AS
DETERMINED IN SHEET 26.

A) $\frac{3}{8}$ " POWER-BOLTS.
WITH $2\frac{1}{2}$ " EMBEDMENT INTO CONCRETE.

B) $\frac{3}{8}$ " POWER-BOLTS.
WITH $3\frac{1}{2}$ " EMBEDMENT INTO CONCRETE.

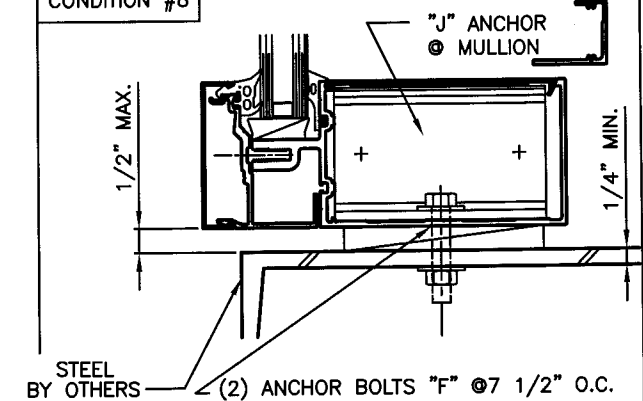
C) $\frac{1}{2}$ " POWER-BOLTS.
WITH 3" EMBEDMENT INTO CONCRETE.

D) $\frac{1}{2}$ " POWER-BOLTS.
WITH 4" EMBEDMENT INTO CONCRETE.

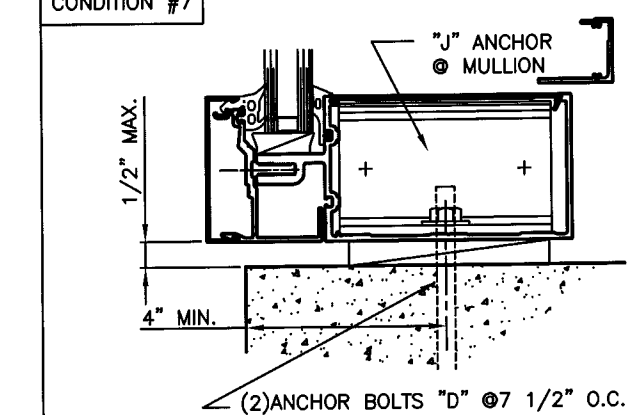
E) $\frac{3}{8}$ " BOLT GR. 5 STEEL,
W/ NUT & WASHERS INTO STEEL STRUCTURES.

F) $\frac{1}{2}$ " BOLT GR. 5 STEEL,
W/ NUT & WASHERS INTO STEEL STRUCTURES.

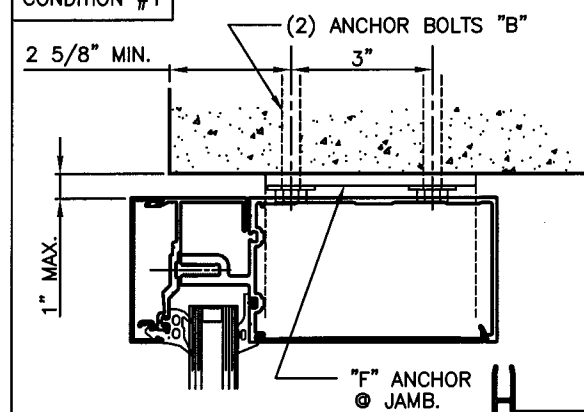
CONDITION #8



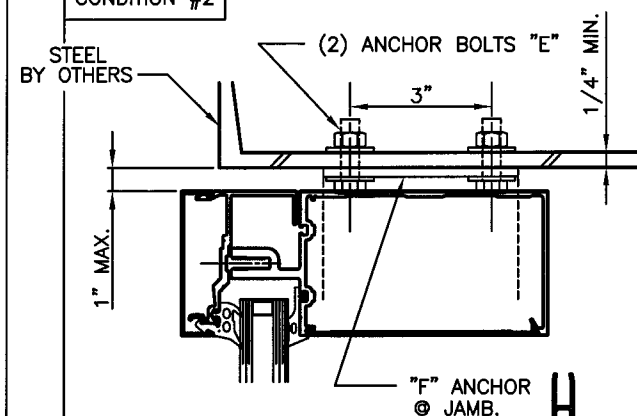
CONDITION #7



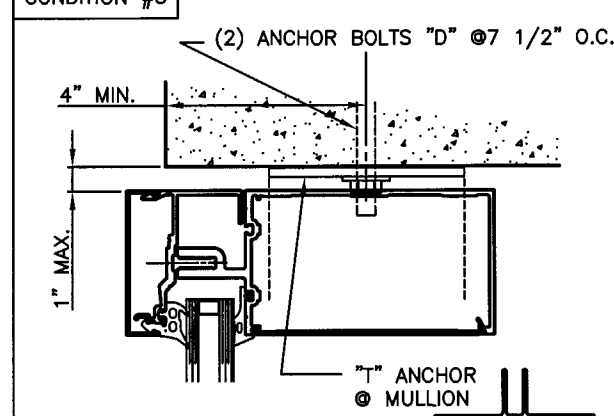
CONDITION #1



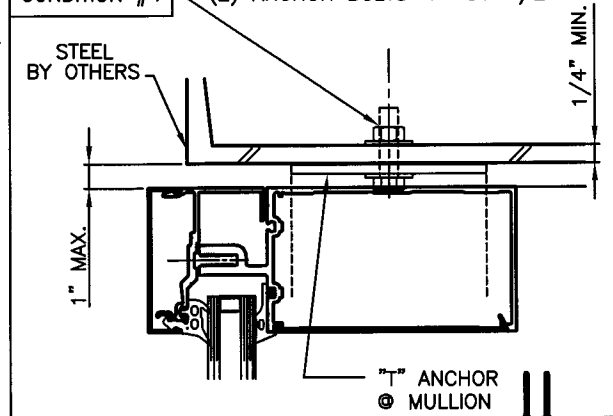
CONDITION #2



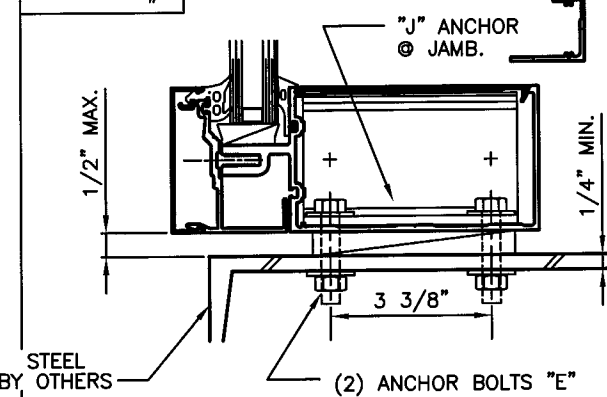
CONDITION #3



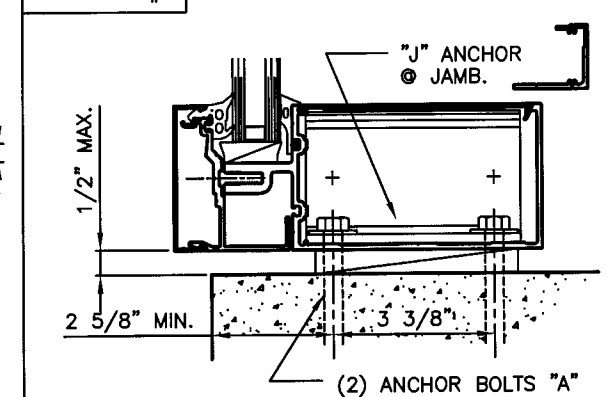
CONDITION #4



CONDITION #6



CONDITION #5



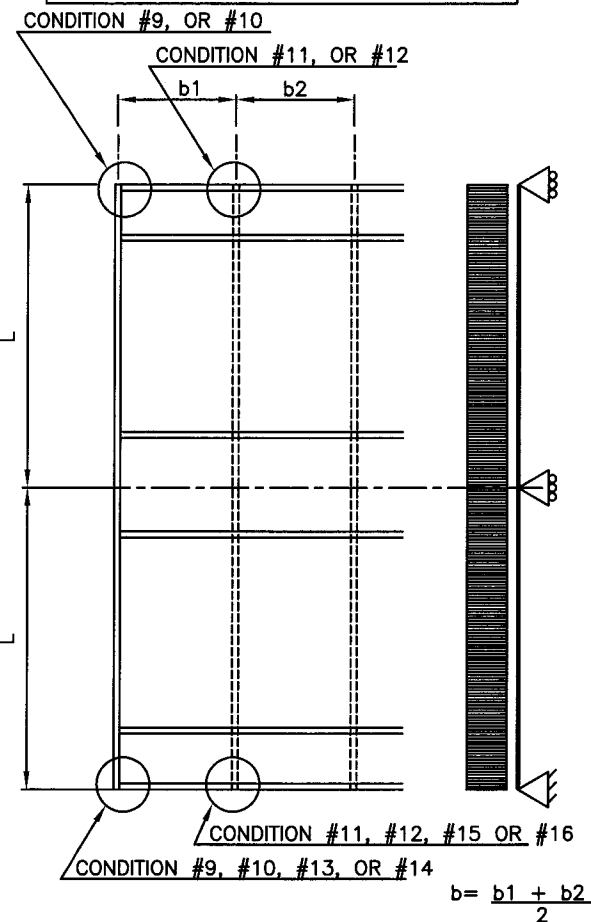
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0529.16
Expiration Date MAY 30, 2008
By *Manuel Perez*
Miami Dade Product Control
Division

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YKK AP AMERICA, INC.
5630 GUALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	ANCHOR BOLT GUIDE - SINGLE SPAN -		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	JIA
DATE	7/8/02	SHEET NO.	27 OF 29

YHC 300 SSG TWIN SPAN



NOTES:

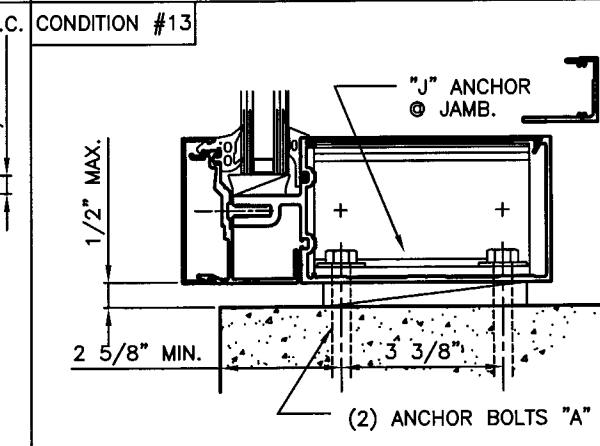
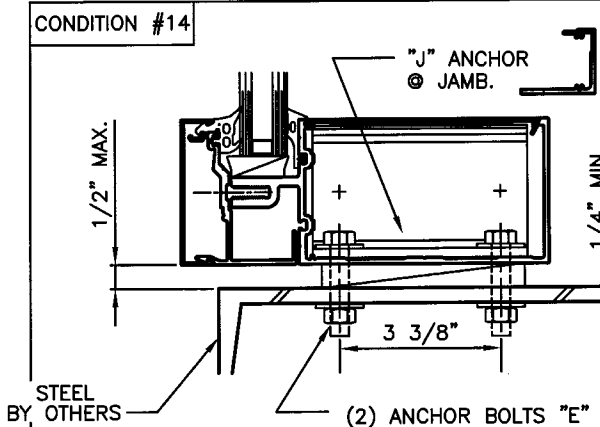
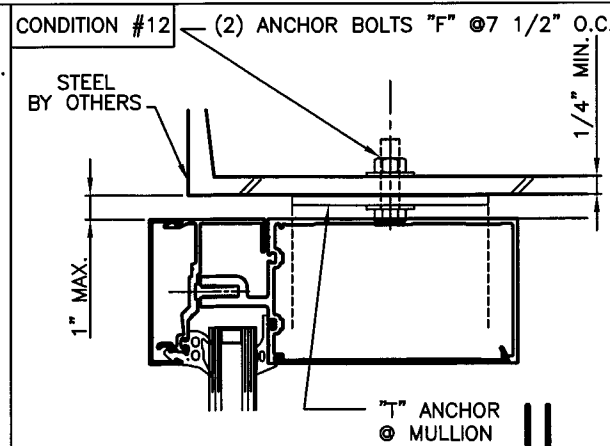
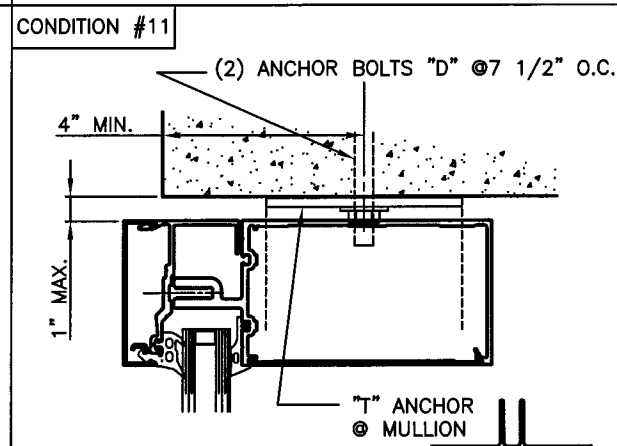
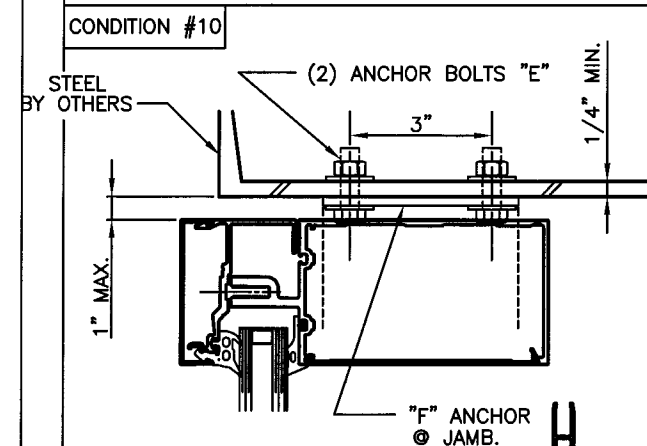
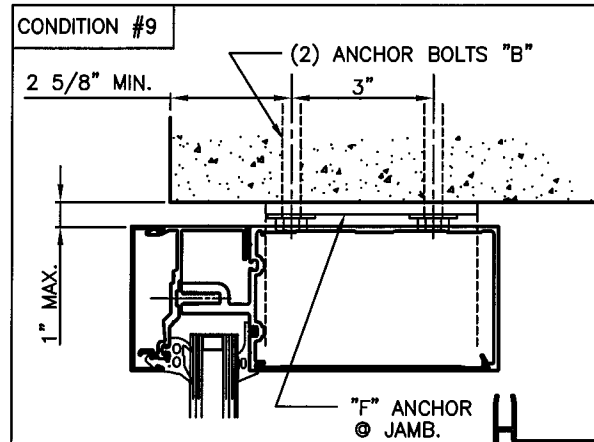
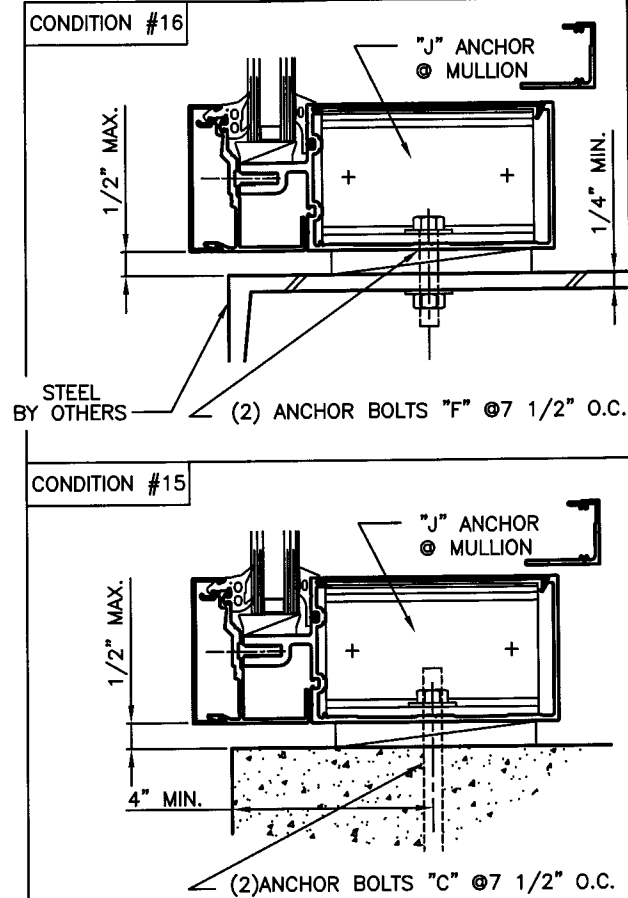
ANCHORING INTO CONCRETE
ASSUMING THE FOLLOWING:

1. CONCRETE TO BE 3000 PSI MIN.
2. EDGE DISTANCE AS SHOWN MIN.
3. SIZES AND EMBEDMENT AS LISTED

APPROVED ANCHOR BOLT TYPES:

NOTE: ALL ANCHORS LISTED BELOW, WHEN USED IN THE CONDITIONS SHOWN HEREIN, MEET THE CAPACITY OF THE SYSTEM AS DETERMINED IN SHEET 26.

- A) $\frac{3}{8}$ " POWER-BOLTS.
WITH $2\frac{1}{2}$ " EMBEDMENT INTO CONCRETE.
- B) $\frac{3}{8}$ " POWER-BOLTS.
WITH $3\frac{1}{2}$ " EMBEDMENT INTO CONCRETE.
- C) $\frac{1}{2}$ " POWER-BOLTS.
WITH 3" EMBEDMENT INTO CONCRETE.
- D) $\frac{1}{2}$ " POWER-BOLTS.
WITH 4" EMBEDMENT INTO CONCRETE.
- E) $\frac{3}{8}$ " BOLT GR. 5 STEEL,
W/ NUT & WASHERS INTO STEEL STRUCTURES.
- F) $\frac{1}{2}$ " BOLT GR. 5 STEEL,
W/ NUT & WASHERS INTO STEEL STRUCTURES.



PRODUCT RENEWED
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Acceptance No 07-6529-16
Expiration Date MAY 30, 2008

By *Manuel Perez*
Miami/Dade Product Control
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YHC
America

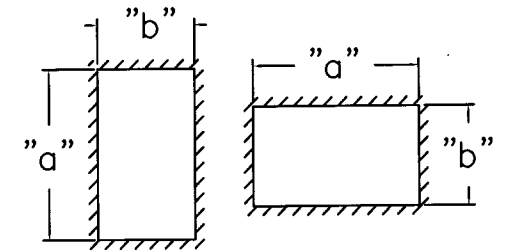
YKK AP AMERICA, INC.
5830 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM	YHC 300 INSULATED GLAZING	SCALE	1/2
DESCRIPTION	ANCHOR BOLT GUIDE -TWIN SPAN-		
DRAWING NUMBER	YHC-300-SSG-IS	REV.	
APPROVED BY	JIA	DRAWN BY	JIA
		DATE	7/8/02
		SHEET NO.	28 of 29

MAXIMUM DESIGN WIND LOAD "W" (psf) SCHEDULE FOR A GIVEN GLASS TYPE AND GLASS PANEL DIMENSIONS WIDTH "b" (in) x LENGTH "a" (in)

REV.	DESCRIPTION	BY	DATE

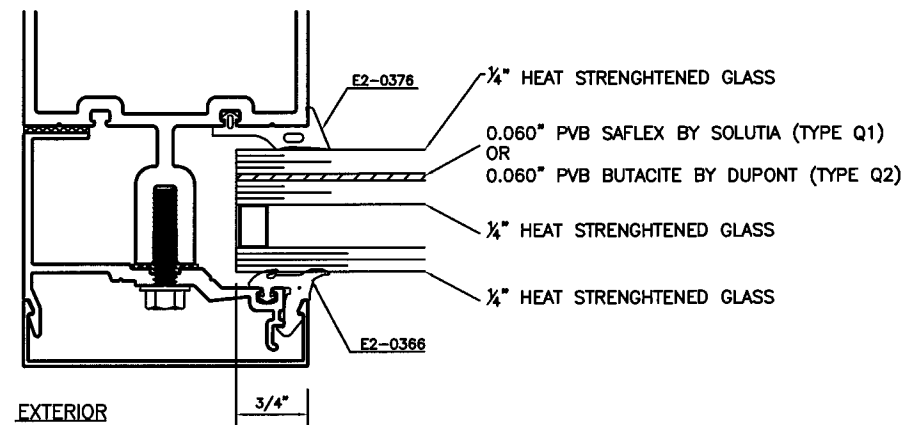
GLASS TYPE "Q1" & "Q2"		
WIDTH "b"	LENGTH "a"	MAXIMUM DESIGN LOAD "W"
24"	from 24" to 120"	±90.0
30"	from 30" to 120"	±90.0
36"	from 36" to 118"	±90.0
42"	from 42" to 101"	±90.0
48"	from 48" to 89"	±90.0
54"	from 54" to 79"	±90.0
60"	from 60" to 71"	±90.0
65"	65"	±90.0



a ≥ b ALWAYS

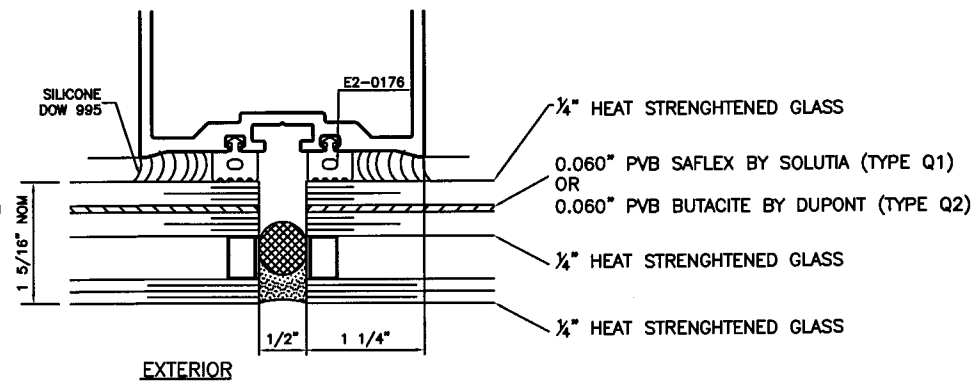
GLASS PANEL SCHEDULE LEGEND

DIM. a & b REFER TO D.L.O. ON SHOP DRAWINGS.



EXTERIOR

JAMB/HORIZONTAL



EXTERIOR

MULLION

GLAZING DETAIL
FOR GLASS TYPES "Q1" & "Q2"

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0529-16
Expiration Date MAY 30 2008

By *M. J. [Signature]*
Miami Dade Product Control
Division

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YKK AP AMERICA, INC.
5630 GWALTNEY DRIVE
ATLANTA, GEORGIA 30336

SYSTEM YHC 300 INSULATED GLAZING	SCALE 1/2
DESCRIPTION GLASS CAPACITY CHARTS	
DRAWING NUMBER YHC-300-SSG-IS	REV.
APPROVED BY JIA	SHEET NO. 29 of 29
DRAWN BY JIA	DATE 7/8/02