



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.miamidade.gov/buildingcode

Florida Coastal Protective Manufacturing
6950 N. W. 37th Court
Miami, Florida 33147

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "2007" Aluminum Sliding Glass Door (Steel reinforced)-L. M. Impact

APPROVAL DOCUMENT: Drawing No. **08-172**, titled "2008" Sliding Glass Door", sheets 1 thru 16 of 16, including 5A, 14A and 14B of 16, prepared by Tilteco, Inc., dated 05/27/08 and last revised on August 08, 2008, signed and sealed by Walter A. Tillit, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitation: 1. Full length Steel reinforcements at interlocks & astragal stile are required. Overall sill flange height=3.125" w/ sill riser for 15 psf for water infiltration resistant.
2. Two (2) anchors are required per location shown in elevation.

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 -- for 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 NOA # **07-1210.04** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 08-0826.05
Expiration Date: August 23, 2012
Approval Date: October 30, 2008
Page 1

10/6/08

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS** (transferred from file #07-1210.04)
1. Manufacturer's die drawings and sections
 2. Drawing No. **08-172**, titled "2008" Sliding Glass Door", sheets 1 thru 16 of 16, including 5A, 14A and 14B of 16, prepared by Tilteco, Inc., dated 05/27/08 and last revised on August 08, 2008, signed and sealed by Walter A. Tillit, P.E.
- B. TESTS** (transferred from file #07-1210.04)
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
5) Small Missile impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- Along with marked-up drawings and installation diagram of aluminum sliding door, prepared by Fenestration Testing Laboratory Inc, Test Report No(s). **FTL 5090 (07020)**, dated 04/17/07, signed & sealed by Michael Wenzel, P.E.
- C. CALCULATIONS**
1. Anchor verification & comparative analysis calculations complying w/ FBC, dated Aug. 18, 2008, prepared, signed and sealed by Walter A. Tillit, P.E.,
 2. Anchor calculations & structural analysis, dated 06-06-2007, prepared Tilteco Inc, signed and sealed by Walter A. Tillit, P.E.
 3. Glazing complies with ASTM-E-1300-02 &-04
- D. QUALITY ASSURANCE BY:**
1. Miami-Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **03-0415.01** issued to Solutia, for "Vanceva™", expiring on 12/11/2008.
 2. Notice of Acceptance No. **06-1205.10** issued to E.I. DuPont DeNemours, for "DuPont SentryGlas ® Plus", expiring on 01/14/2008
- F. STATEMENTS**
1. Statement letters of conformance and "No financial interest", both dated April 04, 2007, signed and sealed by Walter A. Tillit, P.E.
 2. Statement of compliance, issued as part of the above referenced test report issued by Fenestration Testing Laboratory, Inc.
- G. OTHER**
1. This NOA **revises** NOA # **07-1210.04 (07-0612.06)** expiring 08-23-2012.
 2. Test proposal dated March 07, 2006, issued by BCCO.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 08-0826.05

Expiration Date: August 23, 2012

Approval Date: October 30, 2008

GENERAL NOTES:

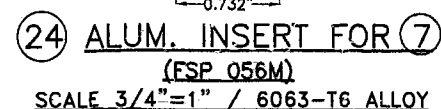
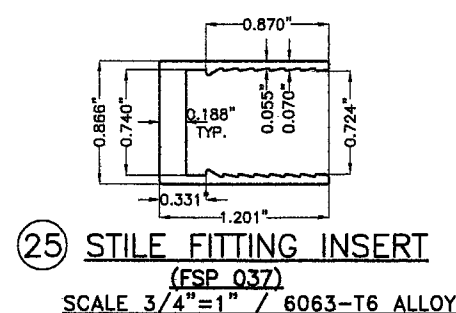
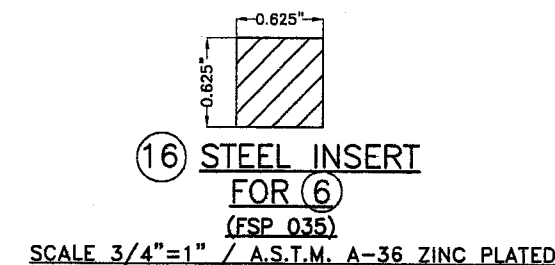
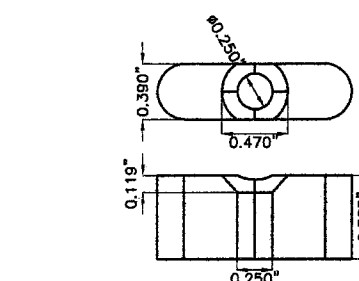
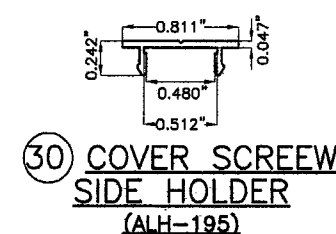
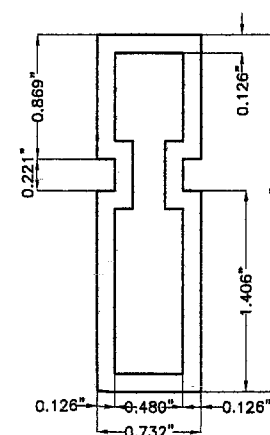
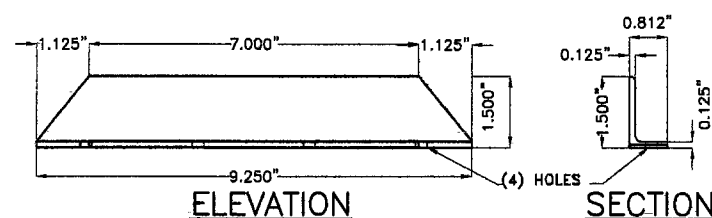
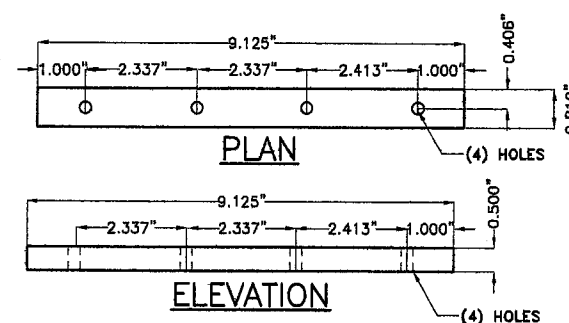
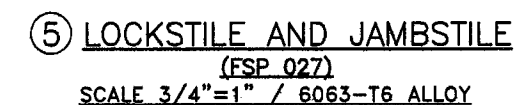
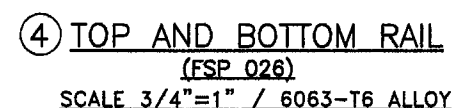
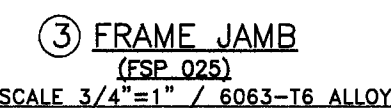
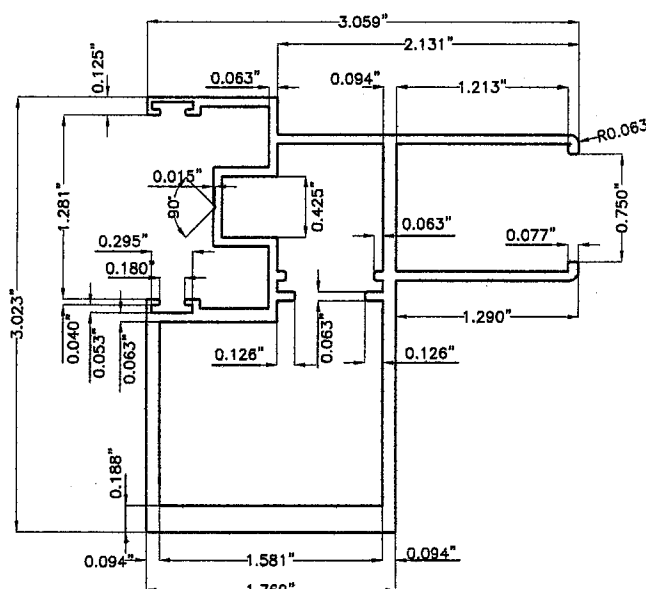
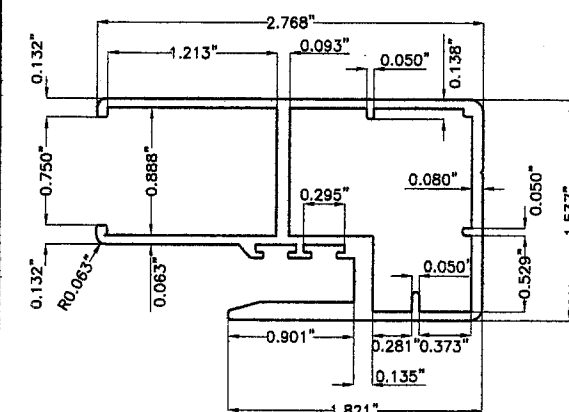
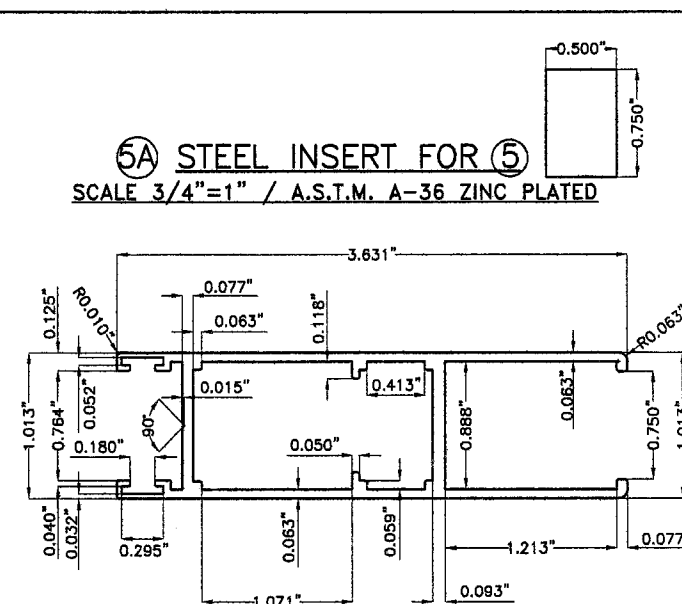
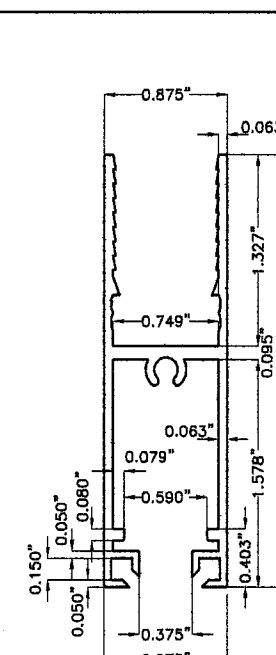
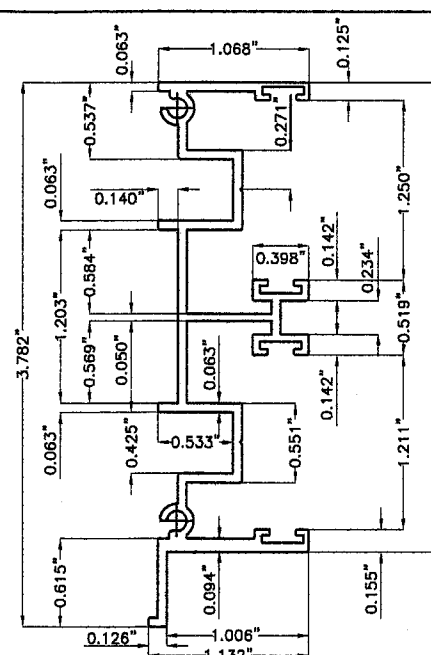
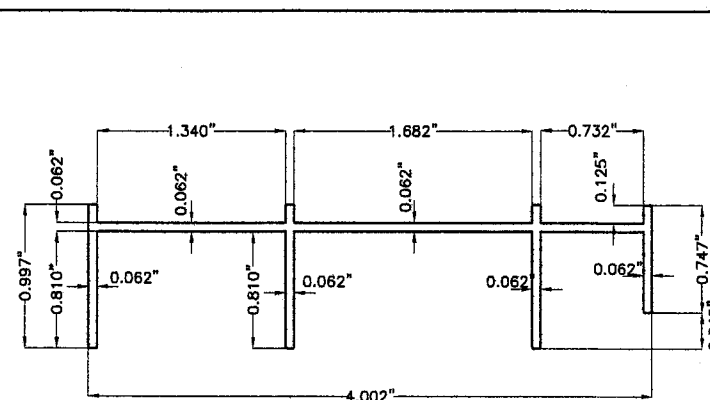
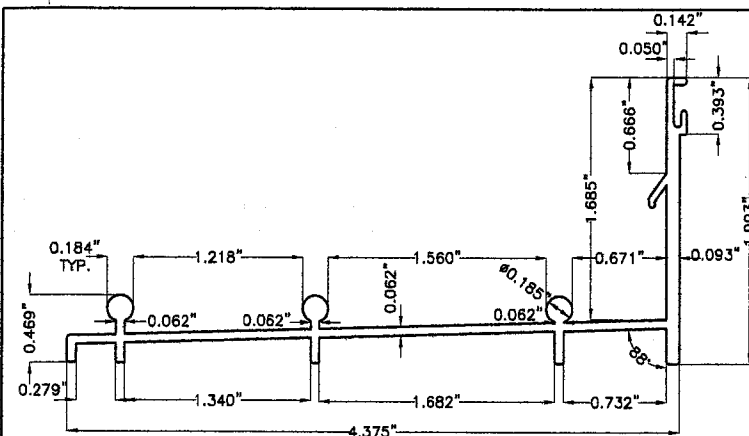
1. SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT, SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2007 EDITION OF THE FLORIDA BUILDING CODE.
SLIDING GLASS DOOR MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.
DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. IN ORDER TO VERIFY THAT ANCHORS ON THIS P.A.D., AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS **NOT** USED IN THEIR ANALYSIS. A DURATION FACTOR $C_d = 1.60$ WAS USED TO VERIFY FASTENERS IN WOOD. *DOOR 5/8 10/5/8*
THIS WINDOW'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203, PER F.T.L. LAB REPORT # 5090 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTION 1612 OF THE FLORIDA BUILDING CODE.
2. MAXIMUM DESIGN PRESSURE RATINGS FOR THESE DOORS SHALL BE AS SHOWN ON SHEETS 3, 4, 5 & 5A.
3. THIS SLIDING GLASS DOOR WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.
4. THIS SLIDING GLASS DOOR IS APPROVED FOR AIR AND WATER INFILTRATION.
5. ALL ALUMINUM EXTRUSIONS SHALL BE ALUMINUM ASSOCIATION 6063-T6 ALLOY AND TEMPER, WITH $F_y = 25.0$ ksi MINIMUM. THE THICKNESS OF ALL EXTRUSIONS SHALL BE AS SHOWN ON THIS DRAWING.
6. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH.
7. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE SOUTHERN PINE, $G = 0.55$.
8. **ANCHOR NOTES:** EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.
(A) TO EXISTING POURED CONCRETE: (Min. $f'_c = 3.192$ ksi), MIN. EDGE DISTANCE = $2\frac{1}{2}"$.
- $1\frac{1}{4}" \varnothing$ TAPCON W/ $1\frac{1}{4}"$ MIN. EMBEDMENT, AS MANUFACTURED BY ITW BUILDEX, INC (COMPONENT 28), THRU 1" P.T. WOOD BUCK.
- $1\frac{1}{4}" \varnothing$ KWIK-CON II W/ $1\frac{1}{4}"$ MIN. EMBEDMENT, AS MANUFACTURED BY HILTI, INC (COMPONENT 28). THRU 1" P.T. WOOD BUCK.
(B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL. MIN. EDGE DISTANCE = $2\frac{1}{2}"$.
- $1\frac{1}{4}" \varnothing$ TAPCON W/ $1\frac{1}{4}"$ MIN. EMBEDMENT, AS MANUFACTURED BY ITW BUILDEX, INC (COMPONENT 28), THRU 1" P.T. WOOD BUCK.
- $1\frac{1}{4}" \varnothing$ KWIK-CON II W/ $1\frac{1}{4}"$ MIN. EMBEDMENT, AS MANUFACTURED BY HILTI, INC (COMPONENT 28). THRU 1" P.T. WOOD BUCK.
(C) TO EXISTING 2x P.T. WOOD BUCK. MIN. EDGE DISTANCE = 1".
- $1\frac{1}{4}" \varnothing$ -14 TEK SCREW, W/ $1\frac{1}{2}"$ MIN. EMBEDMENT, AS MANUFACTURED BY ITW BUILDEX, INC. (COMPONENT 22).
(D) TO EXISTING MIN. $\frac{1}{8}"$ THICK ALUMINUM TUBE (6063-T5 ALLOY) MIN. EDGE DISTANCE = $\frac{1}{2}"$.
- $1\frac{1}{4}" \varnothing$ -14 TEK SCREW, MIN. $\frac{3}{4}"$ LONG, AS MANUFACTURED BY ITW BUILDEX, INC. (COMPONENT 22).
(E) TO EXISTING MIN. 12 GAGE STEEL MEMBER (ASTM A-500, A-653 OR A-36) MIN. EDGE DISTANCE = $\frac{1}{2}"$.
- $1\frac{1}{4}" \varnothing$ -14 TEK SCREW, MIN. $\frac{3}{4}"$ LONG, AS MANUFACTURED BY ITW BUILDEX, INC. (COMPONENT 22).
9. PROVIDE $\frac{1}{4}"$ MAX. SHIM SPACE (TYP.).
10. REMAINING COMPONENTS FOR THIS SLIDING GLASS DOOR SYSTEM SHALL BE AS INDICATED ON BILL OF MATERIALS, SHEET 15 OF THIS DRAWING.

11. SLIDING GLASS DOOR MANUFACTURER LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY UNIT. LABEL SHALL READ AS FOLLOWS:
- FLORIDA COASTAL PROTECTIVE MFG. INC.**
HIALEAH, FLORIDA
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.
12. (a) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- (d) ORIGINAL P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. *08-0926-05*
Expiration Date *AUG 13, 2012*
By *Lshag L. Lhanda*
Miami Dade Product Control
Division

F.B.C. (High Velocity Hurricane Zone)

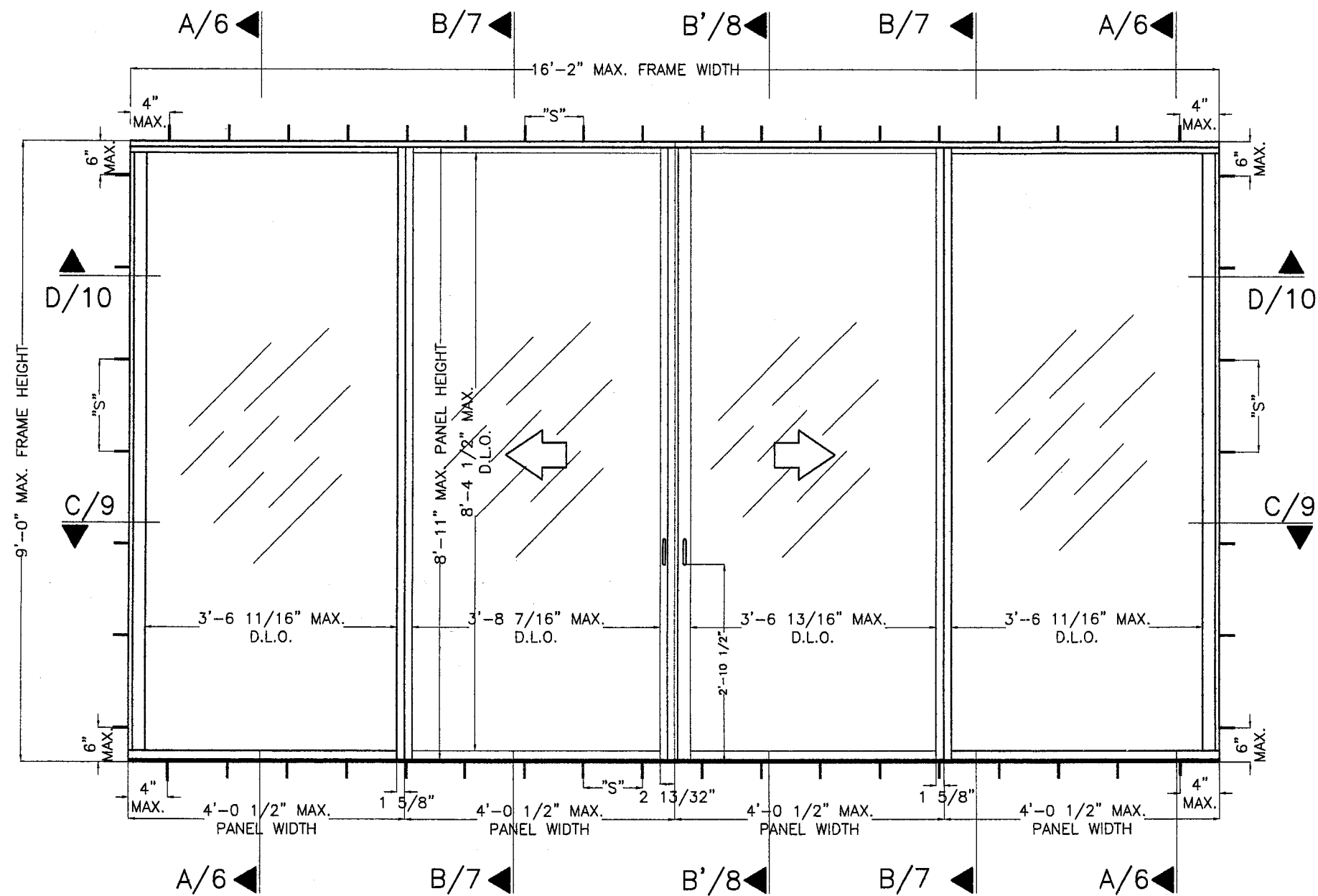
© 2008 TILTECO INC.		SERIES 2008 SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT		DRAWN BY: F.P.	
TILTECO INC.		Florida Coastal Protective Mfg. Inc.		5/27/08 DATE	
TILLIT TESTING & ENGINEERING COMPANY		6950 N.W. 37 COURT HIALEAH, FL 33147		08-172 DRAWING No	
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167		PHONE: (305) 696-3976 / FAX: (305) 696-3976		SHEET 1 OF 16	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD DRAWING # 07-110	05/27/08	3		
2			4		



COMPONENTS

F.B.C. (High Velocity Hurricane Zone)

© 2008 TILTECO-INC.  TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167	SERIES 2008 SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT Florida Coastal Protective Mfg. Inc. 6950 N.W. 37 COURT HIALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3976	DRAWN BY: F.P. 5/27/08 DATE 08-172 DRAWING No SHEET 2 OF 16
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TYPICAL EXTERIOR ELEVATION (OXXO)

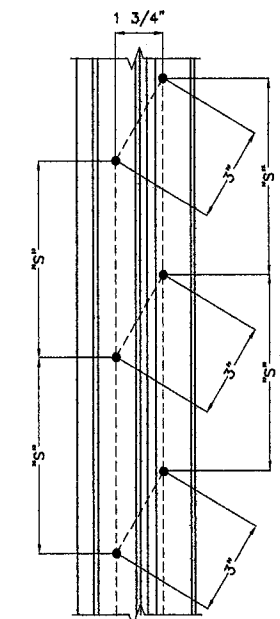
MAXIMUM DESIGN LOAD: ±90 psf AND +15 psf at water.

SCALE: 1/2"=1'-0

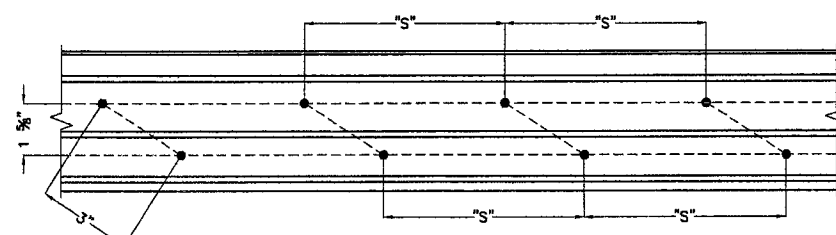
MAXIMUM ANCHOR SPACING "S" SCHEDULE *

SUBSTRATE	ANCHOR TYPE	HEAD/SILL	JAMB
POURED CONCRETE OR CONCRETE BLOCK	1/4"Ø TAPCON	6" O.C.	8" O.C.
	1/4"Ø KWIK-CON II	10.50" O.C.	13.50" O.C.
WOOD	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	8" O.C.
ALUM. TUBE	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	11" O.C.
STEEL MEMBER	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	11" O.C.

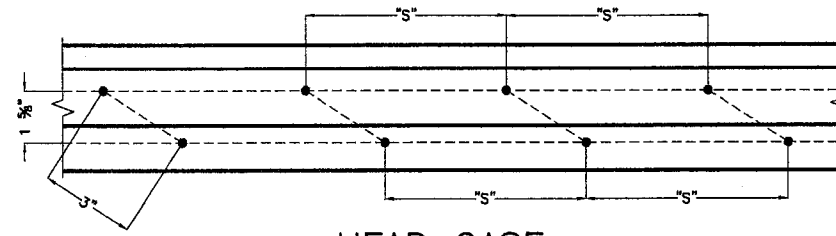
* CORRESPONDS TO SPACING OF TWO ANCHORS (SEE DETAIL X)



JAMB CASE
N.T.S.



SILL CASE
N.T.S.



HEAD CASE
N.T.S.

DETAIL X-X

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-68-26-05
Expiration Date 04/23/2012
By Shang L. Chou
Miami Dade Product Control
Division

F.B.C. (High Velocity Hurricane Zone)

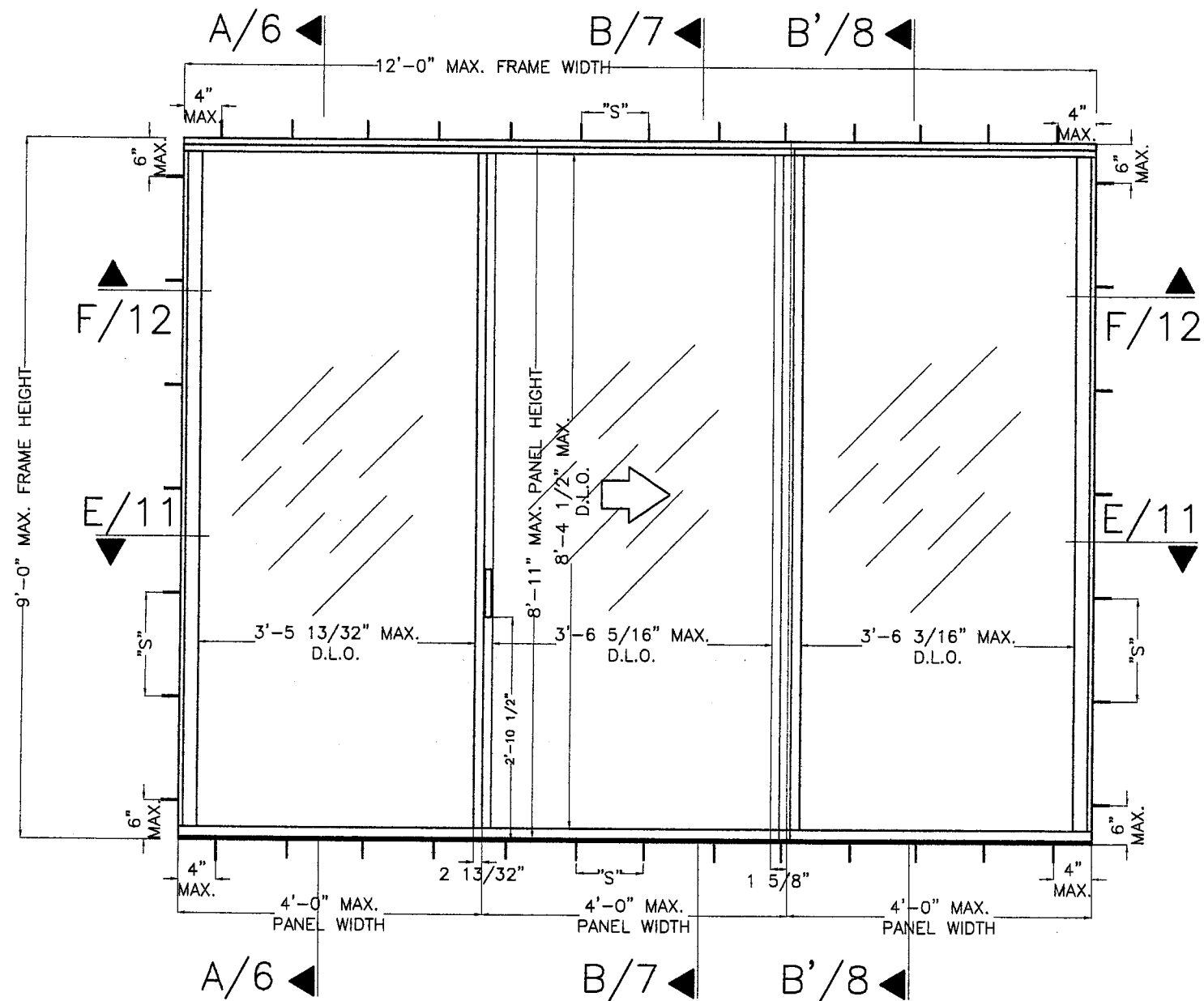
© 2008 TILTECO INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY

6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33168
Phone : (305) 871-1530 Fax : (305) 871-1531
EB-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. 44167

SERIES 2008 SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT						DRAWN BY: F.P.	
Florida Coastal Protective Mfg. Inc.						5/27/08 DATE	
6950 N.W. 37 COURT HIALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3978						08-172 DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 3 OF 16	
1	OLD DRAWING # 07-110	05/27/08	3				
2			4				



TYPICAL EXTERIOR ELEVATION (OXO)

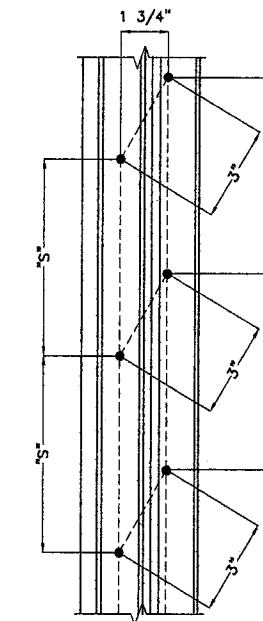
MAXIMUM DESIGN LOAD: ± 90 psf AND +15 psf at water.

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

MAXIMUM ANCHOR SPACING "S" SCHEDULE *

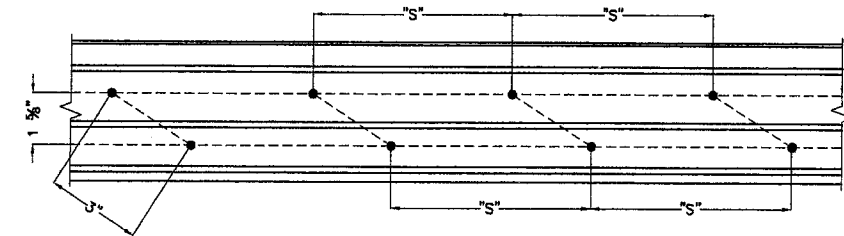
SUBSTRATE	ANCHOR TYPE	HEAD/SILL	JAMB
POURED CONCRETE OR CONCRETE BLOCK	1/4" $\emptyset$ TAPCON	6" O.C.	8" O.C.
	1/4" $\emptyset$ KWIK-CON II	10.50" O.C.	13.50" O.C.
WOOD	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	8" O.C.
ALUM. TUBE	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	11" O.C.
STEEL MEMBER	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	11" O.C.

* CORRESPONDS TO SPACING OF TWO ANCHORS (SEE DETAIL X)



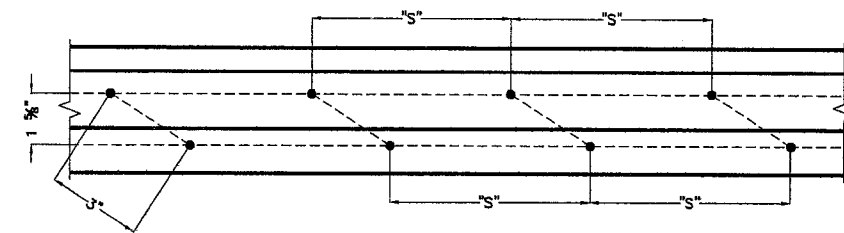
JAMB CASE

N.T.S.



SILL CASE

N.T.S.



HEAD CASE

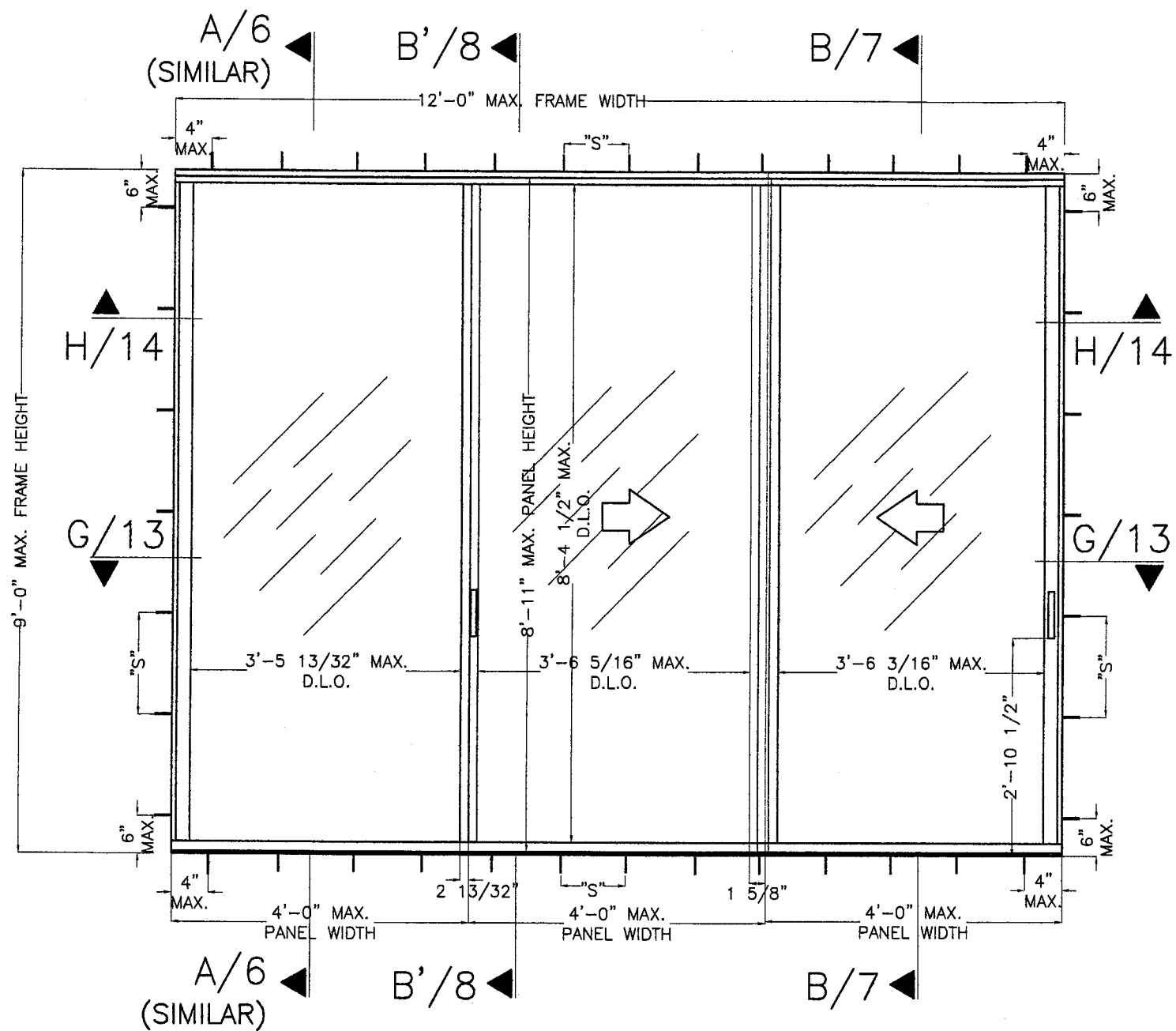
N.T.S.

DETAIL X-X

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0526-05
Expiration Date AUG 28, 2012
By Charles L. Lunde
Miami Dade Product Control
Division

F.B.C. (High Velocity Hurricane Zone)

© 2008 TILTECO INC. TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)671-1530 . Fax : (305)671-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167	SERIES 2008 SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT Florida Coastal Protective Mfg. Inc. 6950 N.W. 37 COURT HIALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3976 <table><tr><th>REV. NO</th><th>DESCRIPTION</th><th>DATE</th><th>REV. No</th><th>DESCRIPTION</th><th>DATE</th></tr><tr><td>1</td><td>OLD DRAWING # 07-110</td><td>05/27/08</td><td>3</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td>4</td><td></td><td></td></tr></table>	REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1	OLD DRAWING # 07-110	05/27/08	3			2			4			DRAWN BY: F.P. 5/27/08 DATE 08-172 DRAWING No SHEET 4 OF 16
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE															
1	OLD DRAWING # 07-110	05/27/08	3																	
2			4																	



TYPICAL EXTERIOR ELEVATION (OXX)

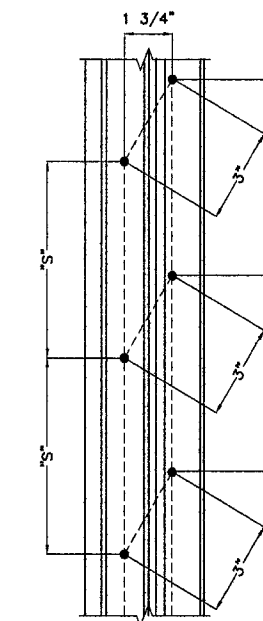
MAXIMUM DESIGN LOAD: ± 90 psf AND $+15$ psf at water.

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

MAXIMUM ANCHOR SPACING "S" SCHEDULE *

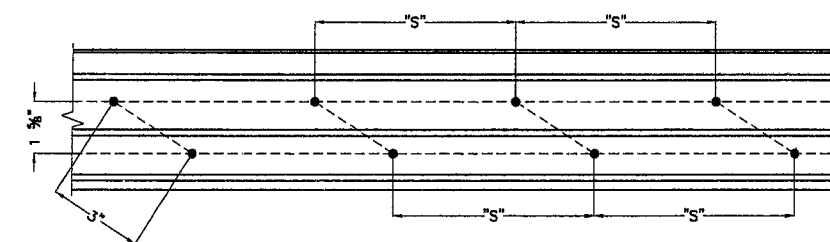
SUBSTRATE	ANCHOR TYPE	HEAD/SILL	JAMB
POURED CONCRETE OR CONCRETE BLOCK	1/4" ϕ TAPCON	6" O.C.	8" O.C.
	1/4" ϕ KWIK-CON II	10.50" O.C.	13.50" O.C.
WOOD	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	8" O.C.
ALUM. TUBE	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	11" O.C.
STEEL MEMBER	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	11" O.C.

* CORRESPONDS TO SPACING OF TWO ANCHORS (SEE DETAIL X)



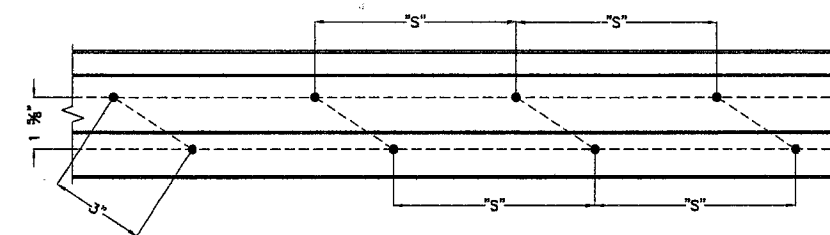
JAMB CASE

N.T.S.



SILL CASE

N.T.S.



HEAD CASE

N.T.S.

DETAIL X-X

PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No. 06-0526-05

Expiration Date Aug 23, 2012

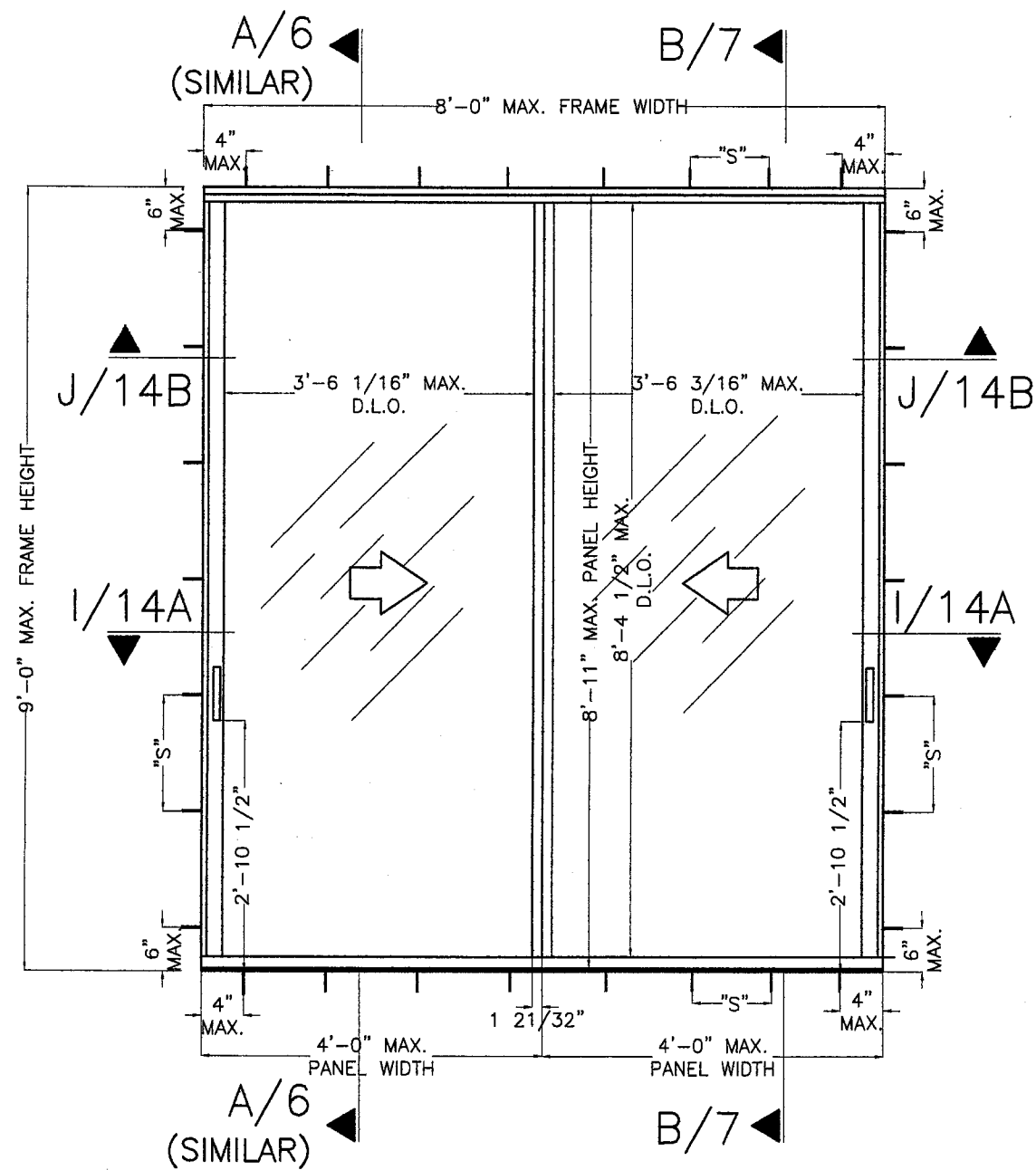
By Isaac L. Lhuede

Miami Dade Product Control

Division

F.B.C. (High Velocity Hurricane Zone)

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		Florida Coastal Protective Mfg. Inc. 6950 N.W. 37 COURT HIALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3976		5/27/08 DATE
REV. NO. DESCRIPTION DATE REV. No. DESCRIPTION DATE		1 OLD DRAWING # 07-110 05/27/08 3		08-172 DRAWING No
2		4		SHEET 5 OF 16



TYPICAL EXTERIOR ELEVATION (XX)

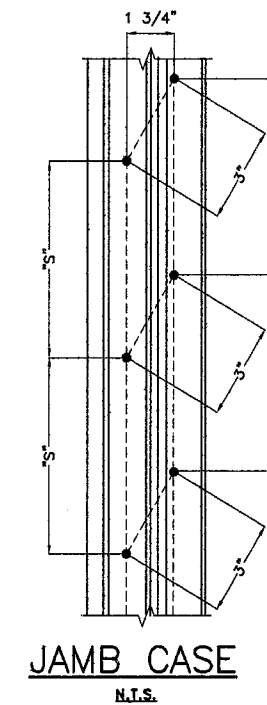
MAXIMUM DESIGN LOAD: ± 90 psf AND $+15$ psf at water.

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

MAXIMUM ANCHOR SPACING "S" SCHEDULE *

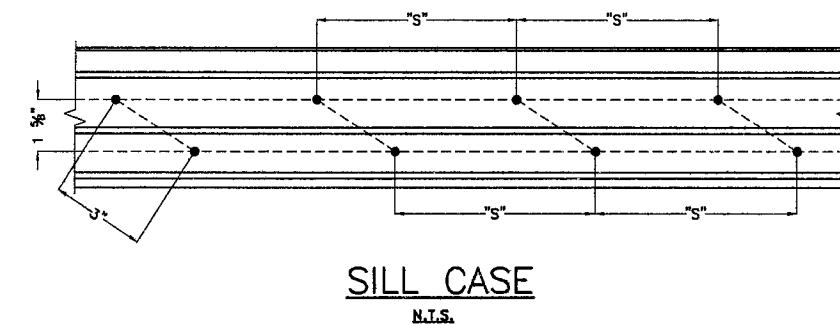
SUBSTRATE	ANCHOR TYPE	HEAD/SILL	JAMB
POURED CONCRETE OR CONCRETE BLOCK	1/4" ϕ TAPCON	6" O.C.	8" O.C.
	1/4" ϕ KWIK-CON II	10.50" O.C.	13.50" O.C.
WOOD	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	8" O.C.
ALUM. TUBE	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	11" O.C.
STEEL MEMBER	1/4"-14x3/4" LONG ITW/BUILDEX, TEK SCREW	8" O.C.	11" O.C.

* CORRESPONDS TO SPACING OF TWO ANCHORS (SEE DETAIL X)



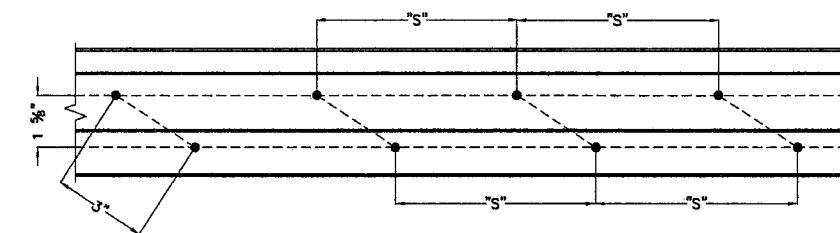
JAMB CASE

N.T.S.



SILL CASE

N.T.S.



HEAD CASE

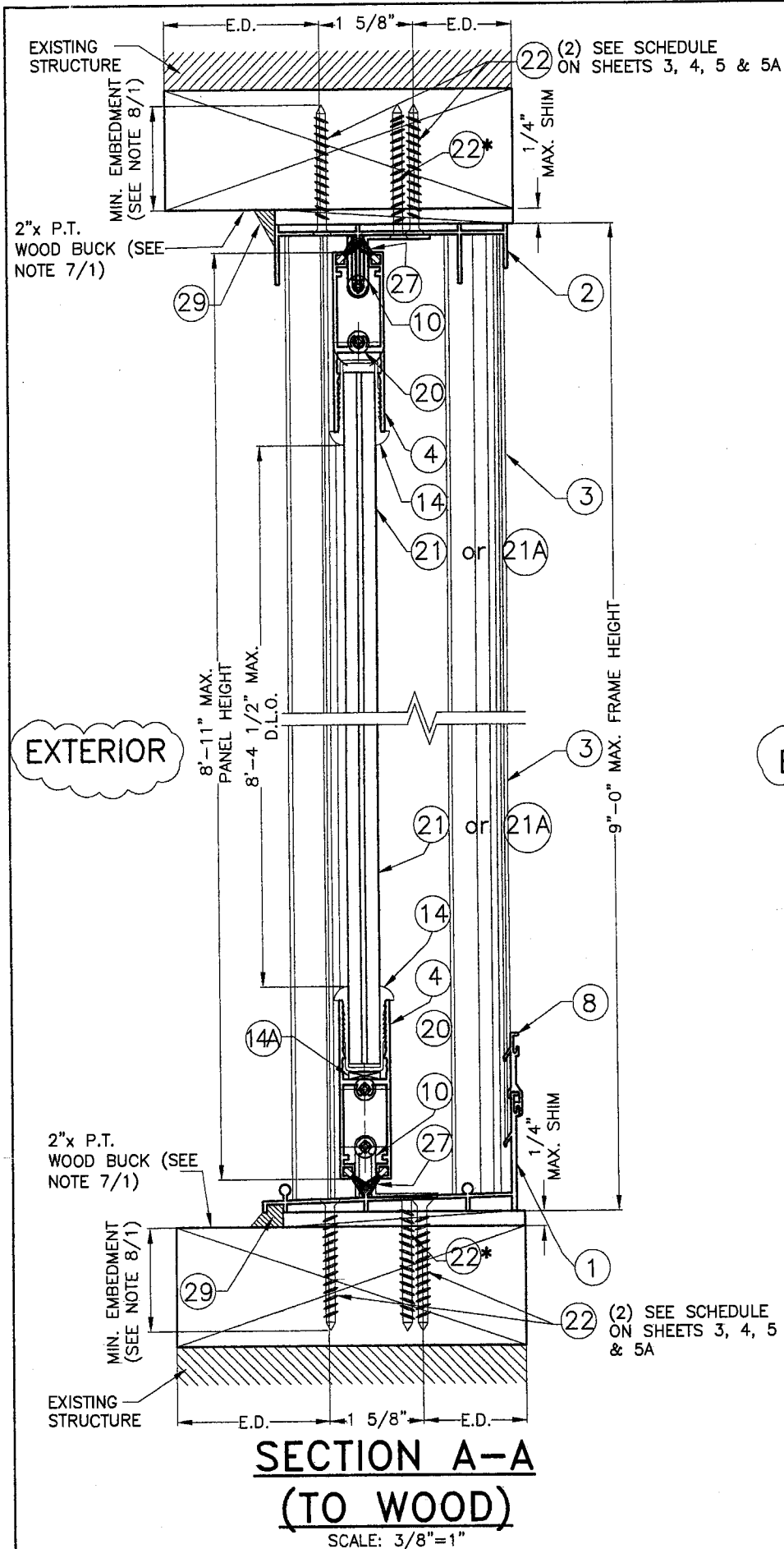
N.T.S.

DETAIL X-X

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-08-26-05
Expiration Date Aug 23, 2012
By Isaac I. Chanda
Miami Dade Product Control
Division

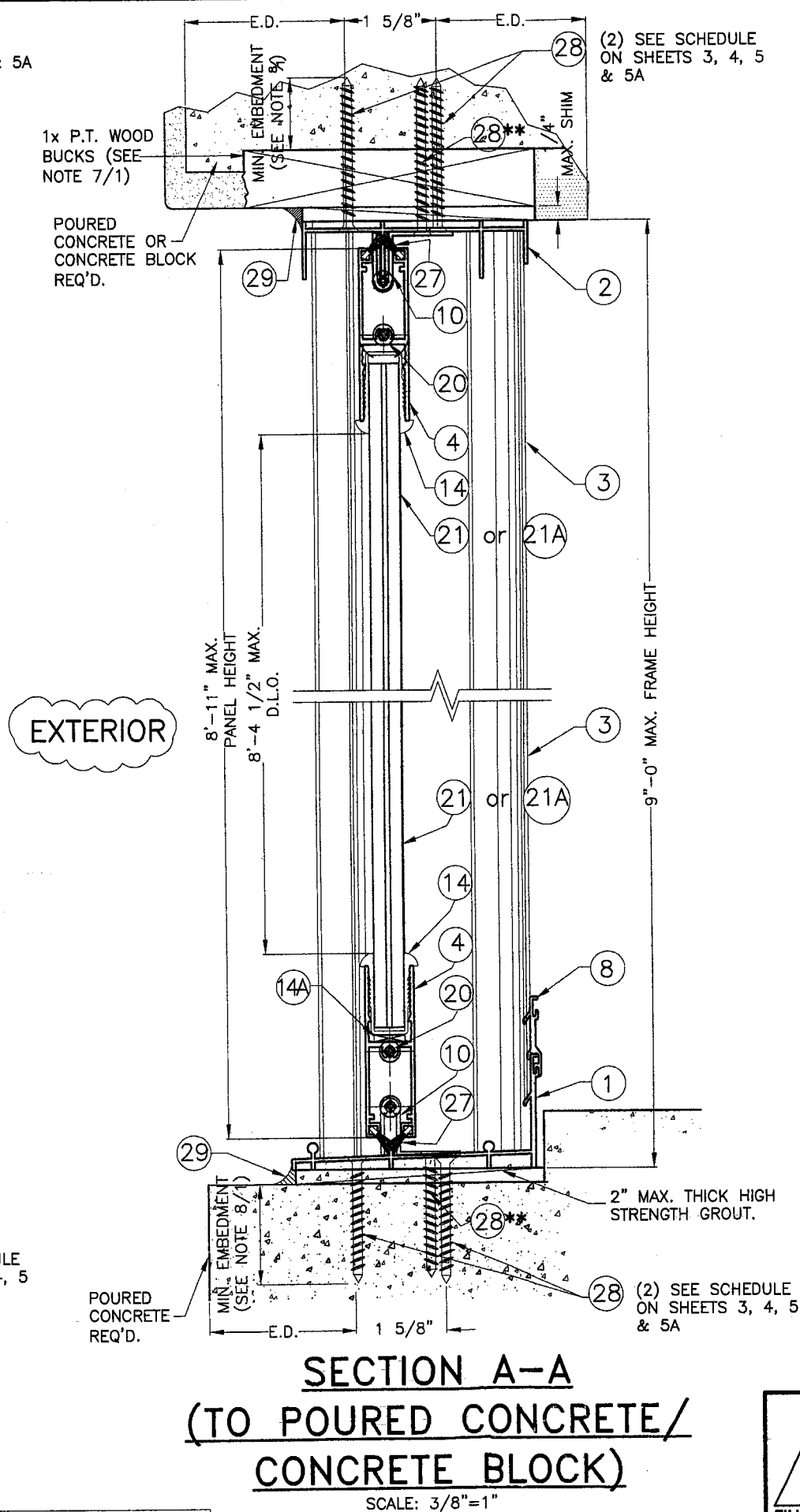
F.B.C. (High Velocity Hurricane Zone)

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REV. NO. 1 DESCRIPTION OLD DRAWING # 07-110 DATE 05/27/08		REV. NO. 3 DESCRIPTION DATE		DATE 5/27/08 08-172 DRAWING No
REV. NO. 2 DESCRIPTION DATE		REV. NO. 4 DESCRIPTION DATE		SHEET 5A OF 16

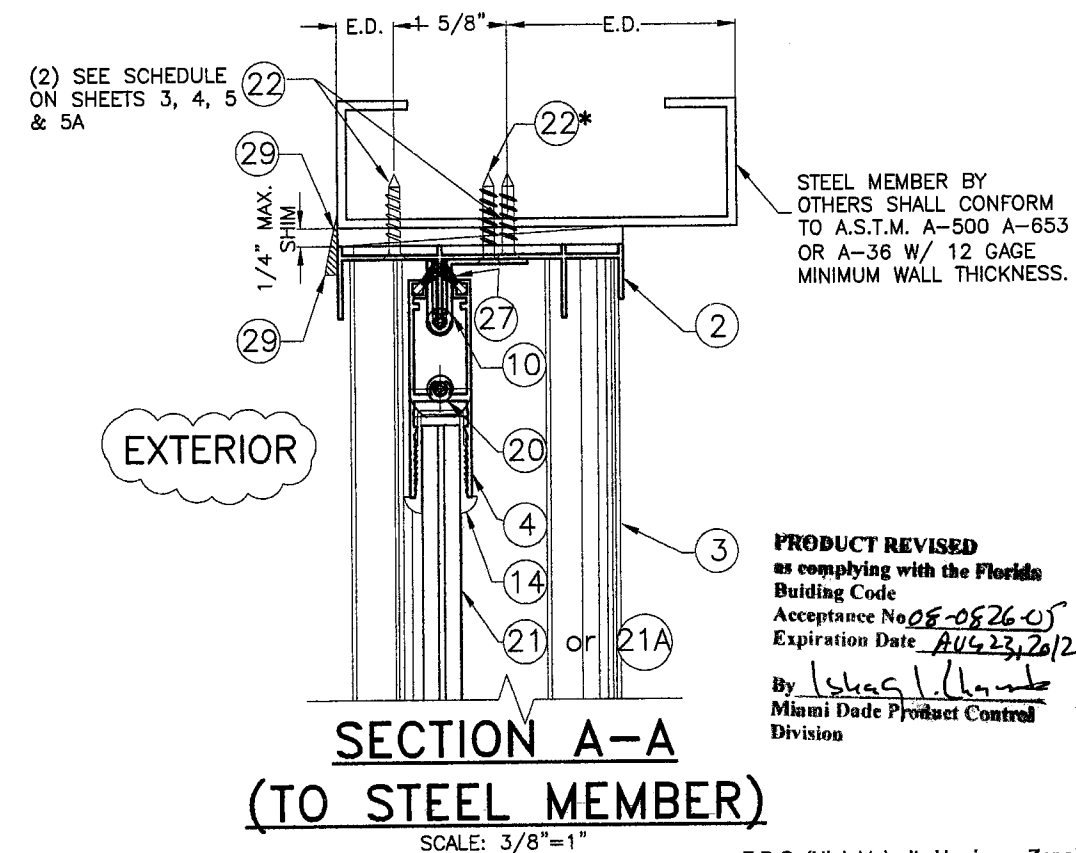
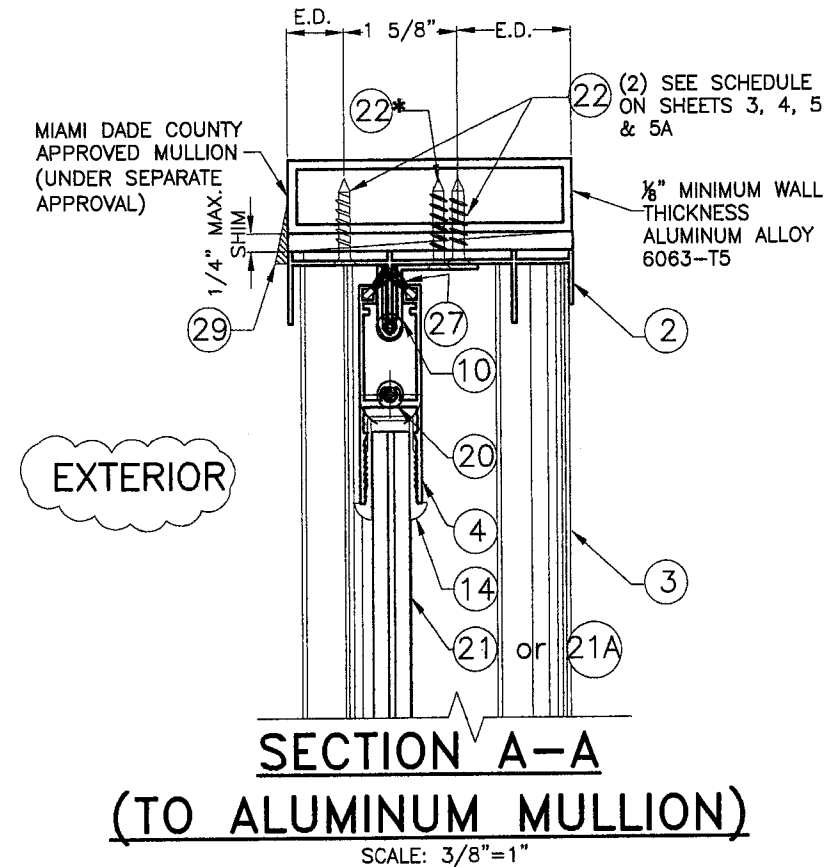


*(6) 22 4" MAX. FROM JAMBSTILE AND AT EQUAL SPACES CENTER TO CENTER.

** (6) 28 4" MAX. FROM JAMBSTILE AND AT EQUAL SPACES CENTER TO CENTER.



8/18/08

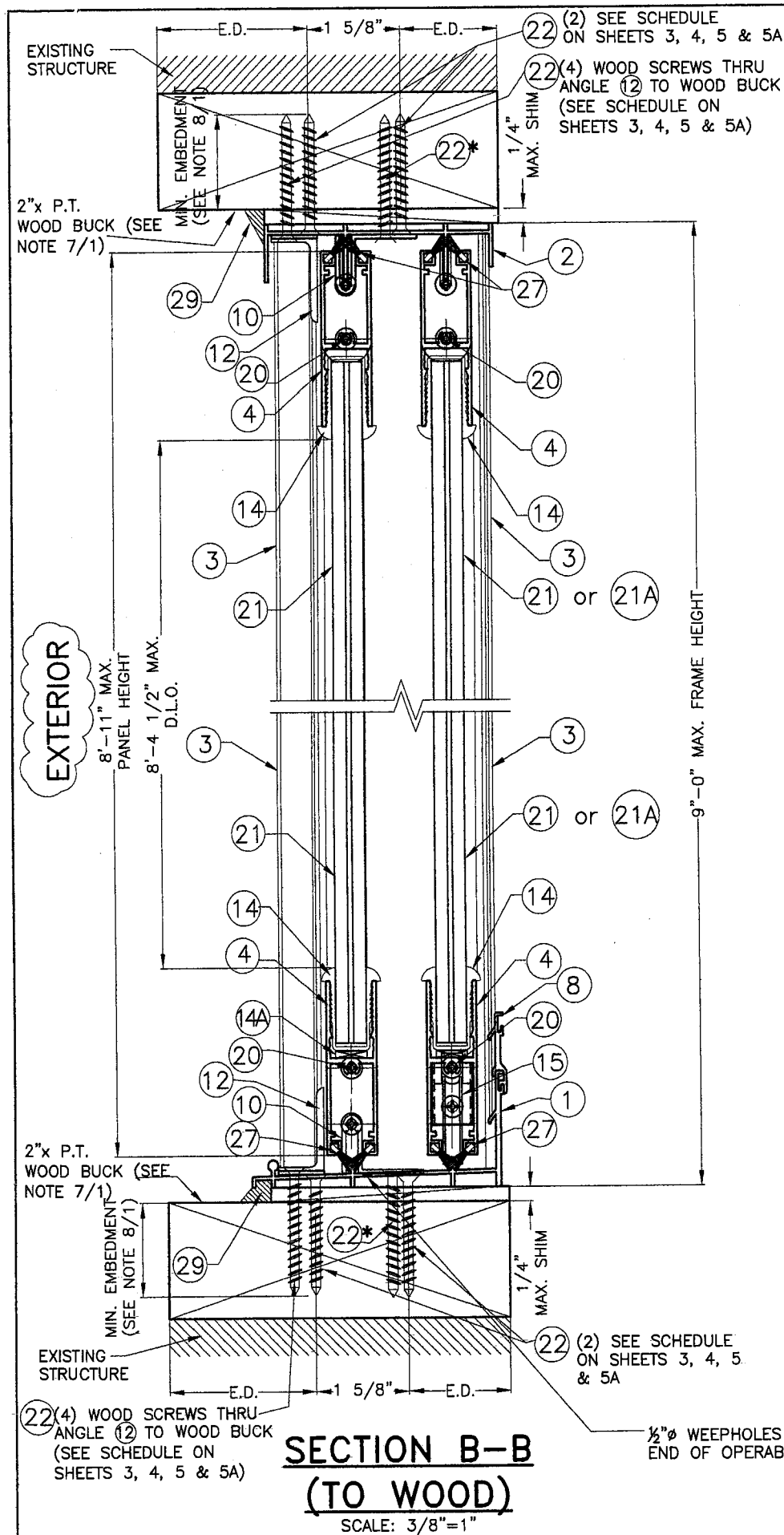


STEEL MEMBER BY OTHERS SHALL CONFORM TO A.S.T.M. A-500 A-653 OR A-36 W/ 12 GAGE MINIMUM WALL THICKNESS.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 08-0826-05
Expiration Date 04/23/2012
By Ishag I. Lhamba
Miami Dade Product Control Division

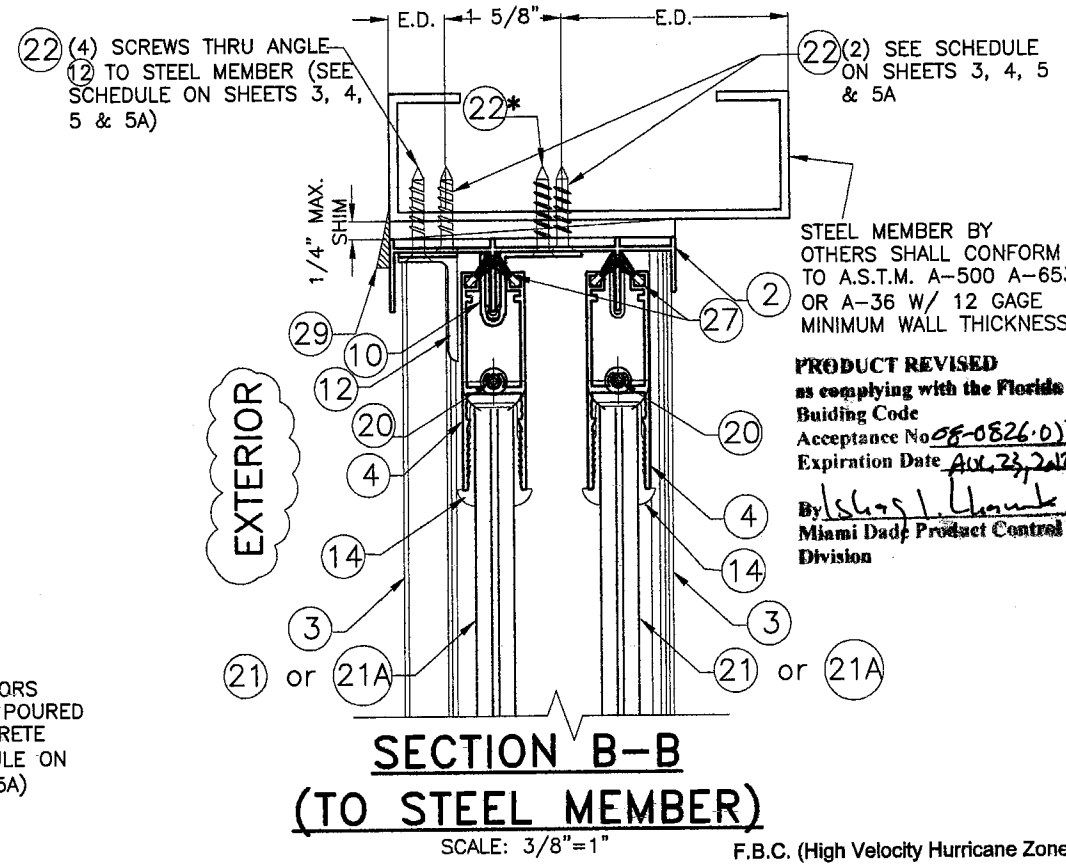
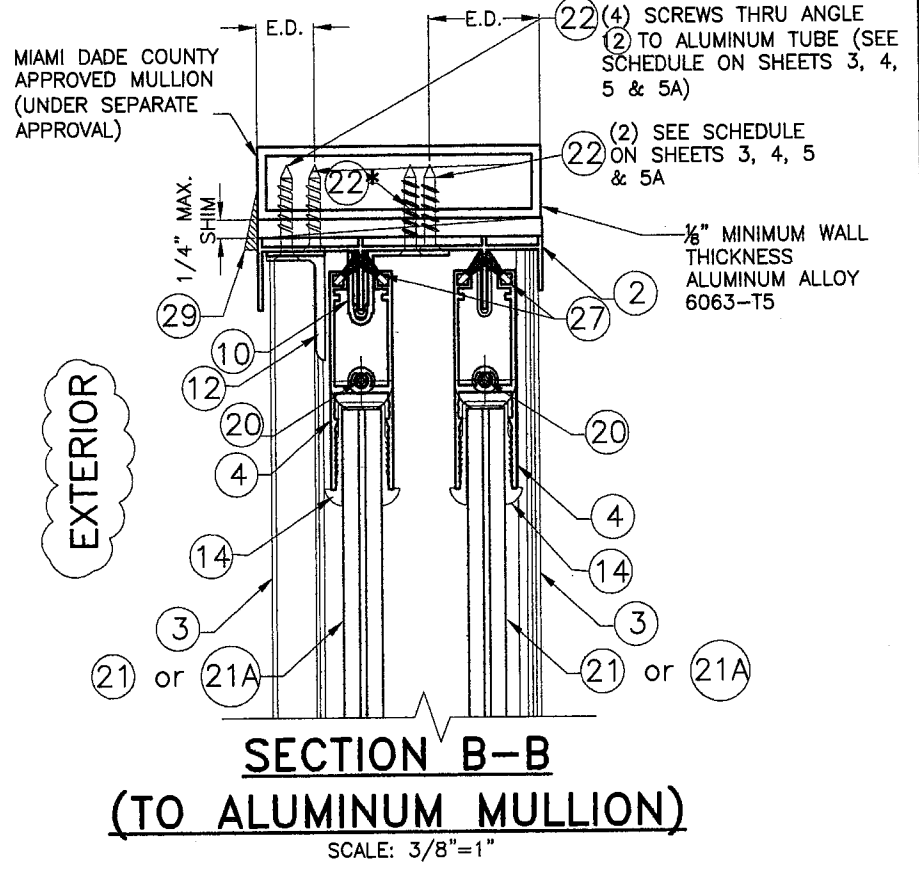
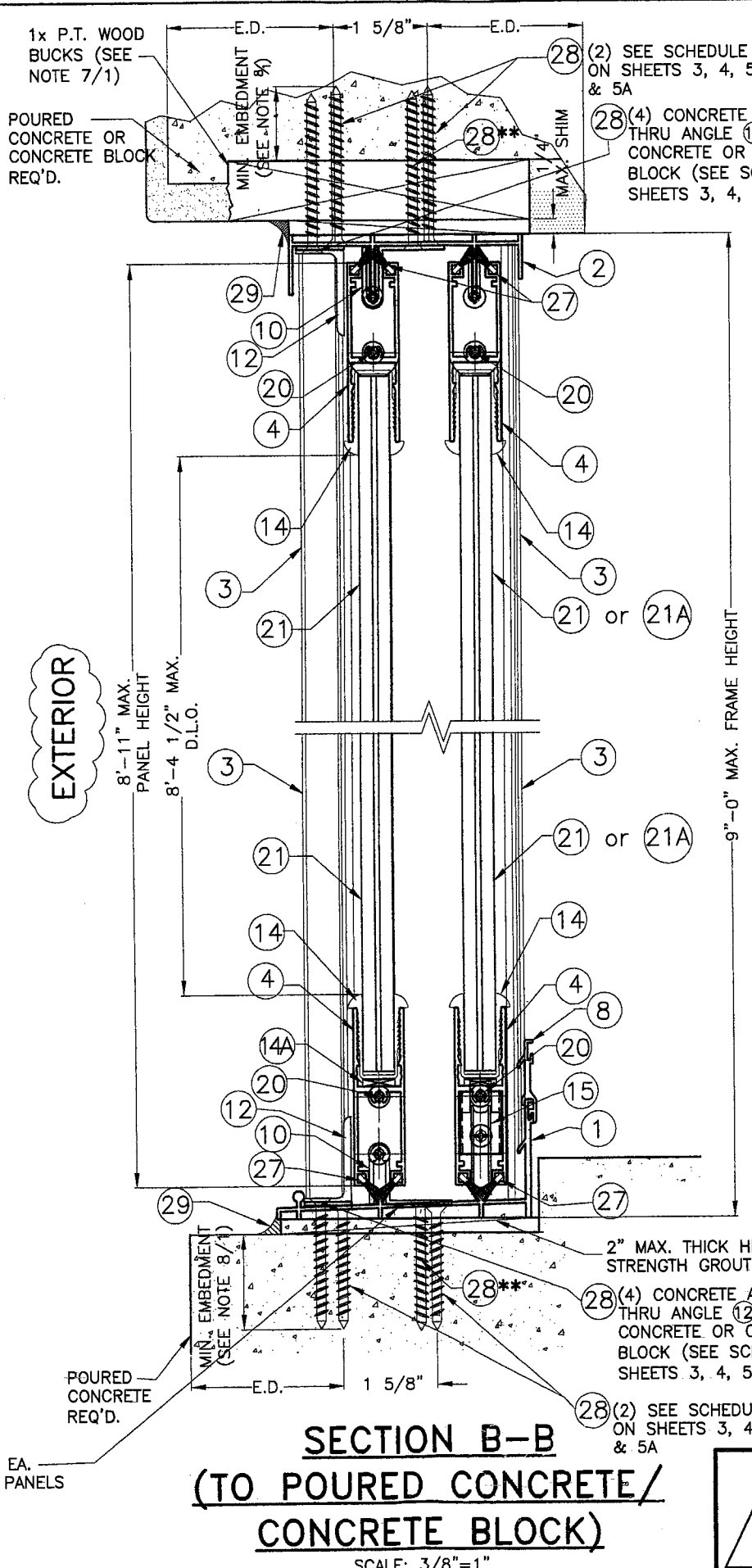
F.B.C. (High Velocity Hurricane Zone)

© 2008 TILTECO INC.		SERIES 2008 SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT		DRAWN BY: F.P.																			
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				08-172 DRAWING No																			
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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE																		
1	OLD DRAWING # 07-110	05/27/08	3																				
2			4																				



(6) 22 4" MAX. FROM JAMBSTILE AND AT EQUAL SPACES CENTER TO CENTER.

(6) 28 4" MAX. FROM JAMBSTILE AND AT EQUAL SPACES CENTER TO CENTER.



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TILLIT TESTING & ENGINEERING COMPANY

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Phone : (305)871-1530 Fax : (305)871-1531

EB-0006719

WALTER A. TILLIT Jr., P. E.

FLORIDA Lic. 44167

SERIES 2008 SLIDING GLASS DOOR

LARGE MISSILE IMPACT RESISTANT

Florida Coastal Protective Mfg. Inc.

6950 N.W. 37 COURT

HALEAH, FL 33147

PHONE: (305) 696-3976 / FAX: (305) 696-3978

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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2			4		

DRAWN BY:

F.P.

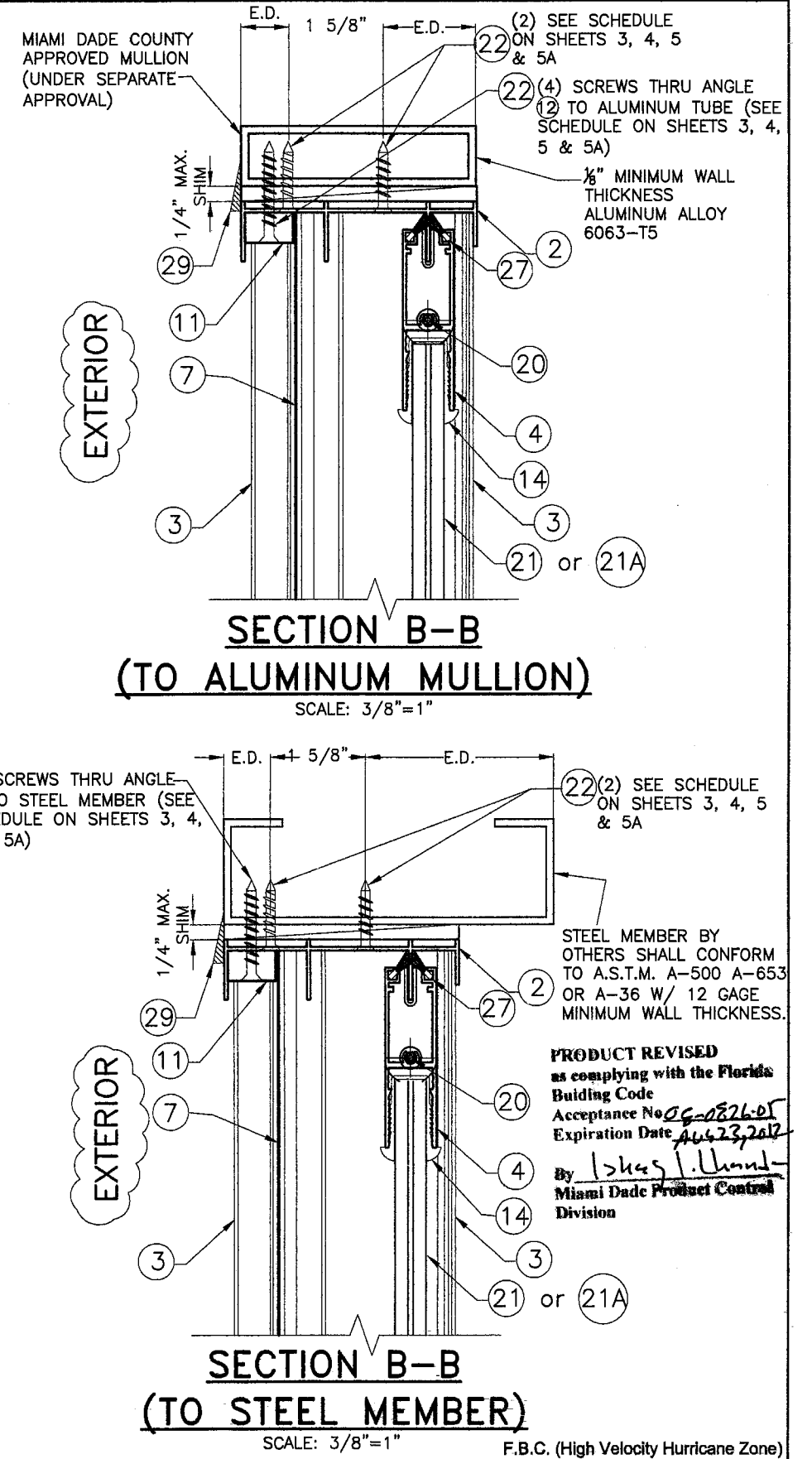
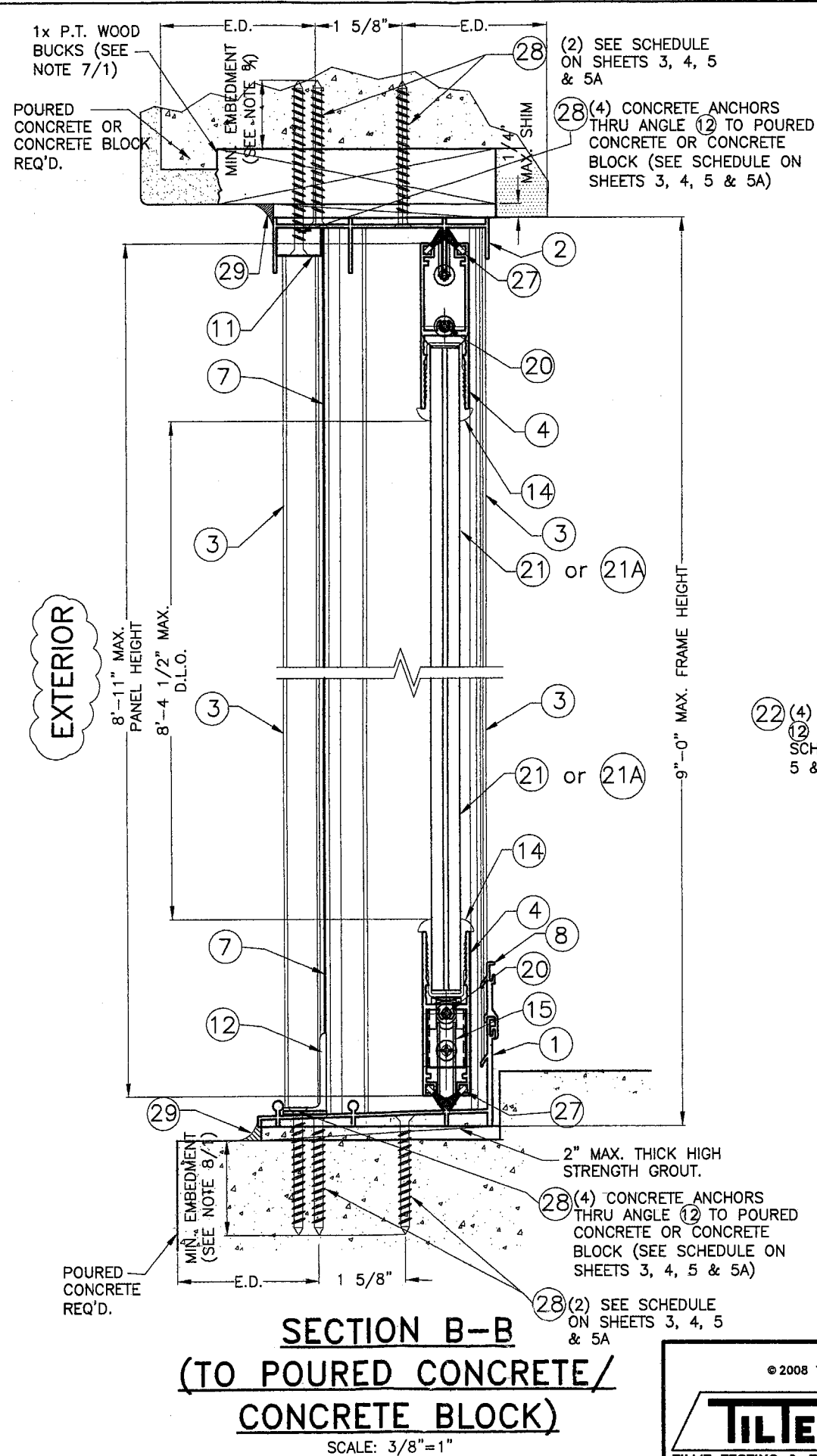
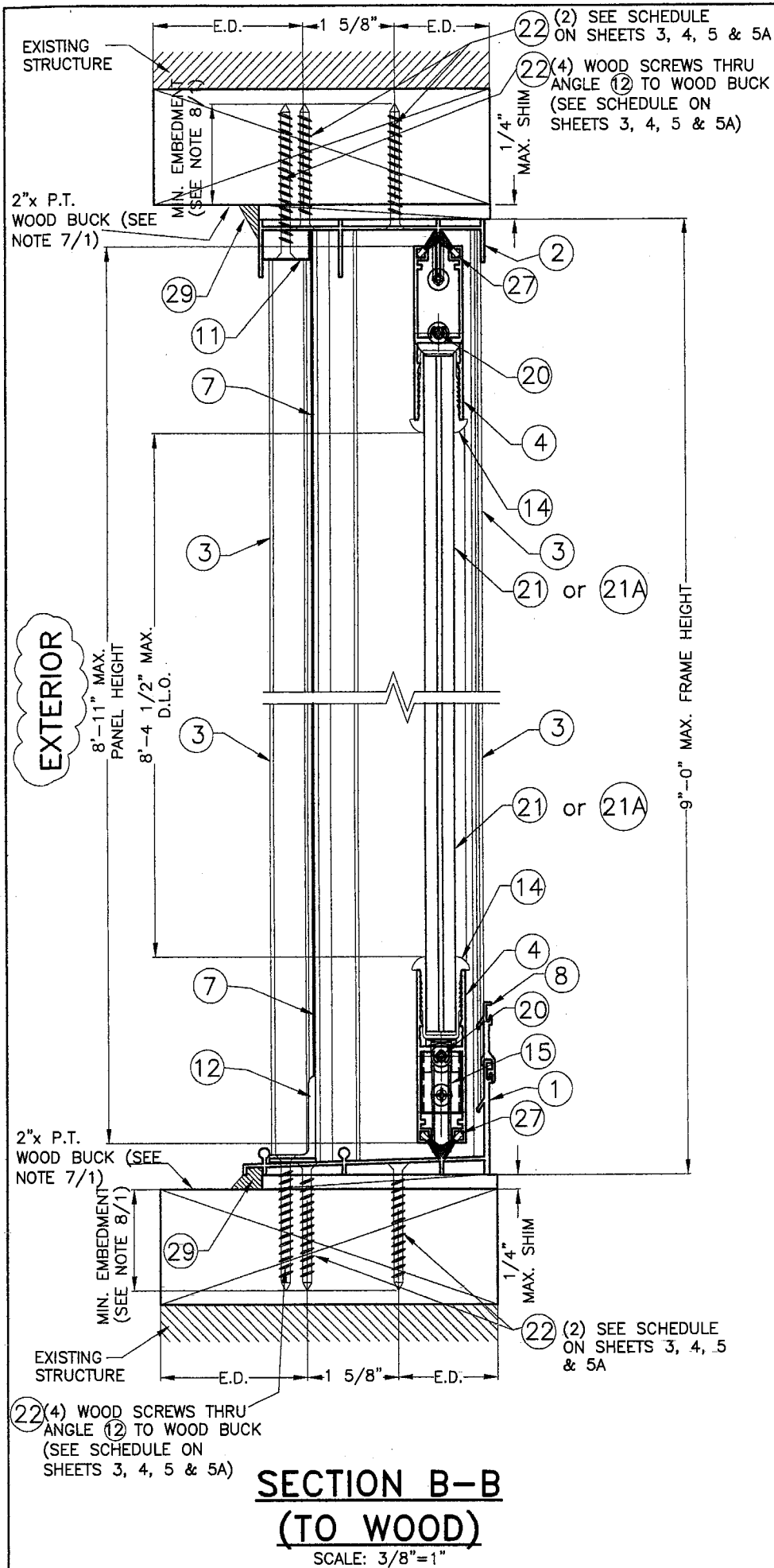
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DATE

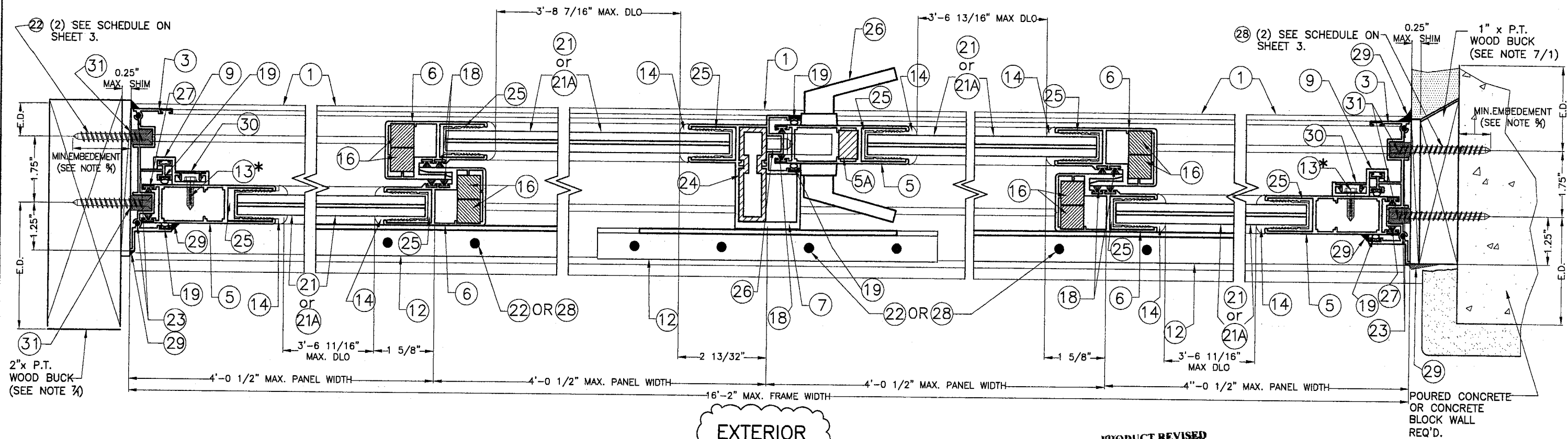
08-172

DRAWING No

SHEET 7 OF 16

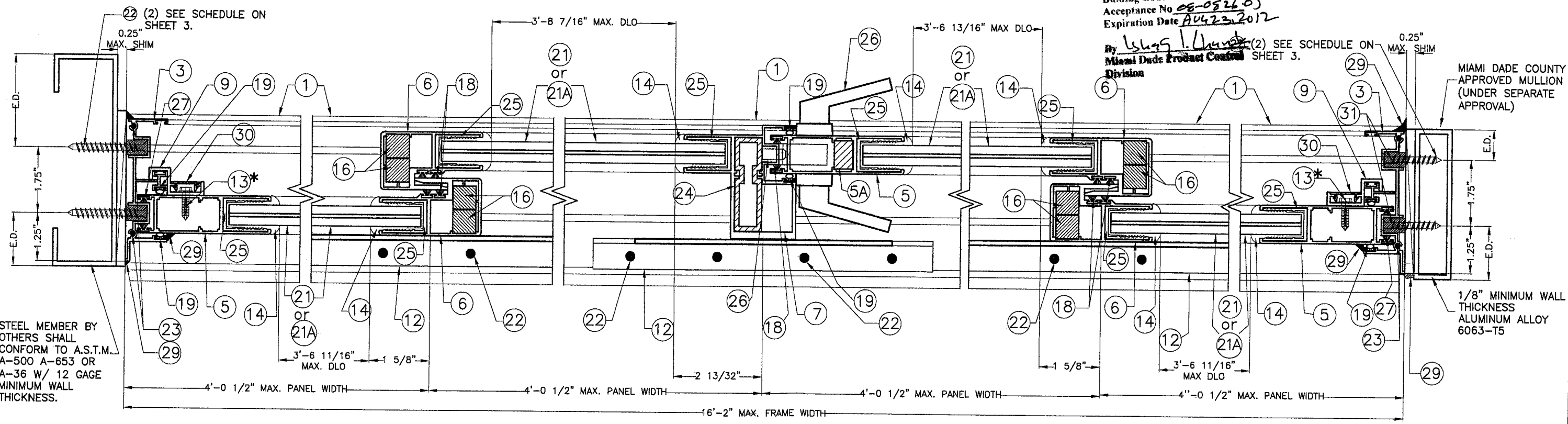


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 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167		Florida Coastal Protective Mfg. Inc. 6950 N.W. 37 COURT HIALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3976		5/27/08 DATE	
				08-172	
				DRAWING No	
REV. NO		DESCRIPTION		DATE	
1		OLD DRAWING # 07-110		05/27/08	
2		4			



EXTERIOR

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0526.05
Expiration Date AUG 23, 2012
By Walter A. Tillit Jr.
Miami Dade Product Control
Division



EXTERIOR

F.B.C. (High Velocity Hurricane Zone)

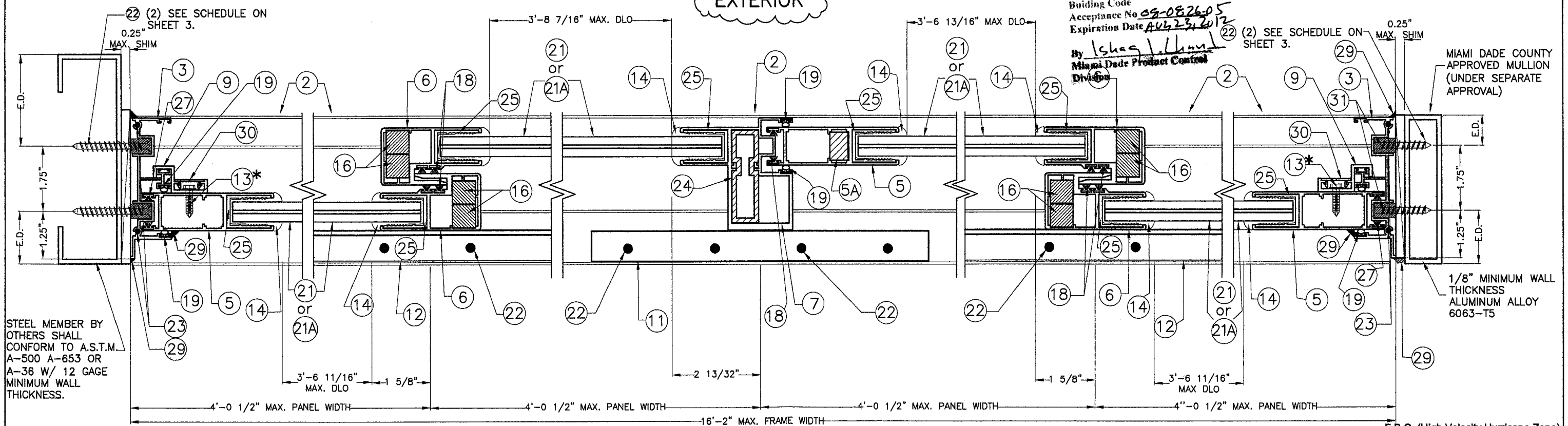
* (9) #14 X 3/4" HX HD SMS (COMPONENT 13) AT 7" MAX. FROM JAMBSTILE AND AT 12" CENTER TO CENTER

SECTIONS C-C (OXXO)

SCALE: 3/8"=1"

Walter A. Tillit Jr.
8/18/08

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REV. NO 1 2	DESCRIPTION OLD DRAWING # 07-110 05/27/08	DATE 05/27/08	REV. NO 3 4	DESCRIPTION 3 4	DATE



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 09-0826-05
Expiration Date 04/23/2012 (2)
By Ishag I. Imani
Miami Dade Product Control
Division (2)

Expiration Date AUG 25 2018 (22)
By Ishag L. Lina
Miami Dade Product Control
Division (2)

22 (2) SEE SCHEDULE ON-SHEET 3.

0.25"
MAX. SHIM

MIAMI DADE COUNTY
APPROVED MULLION
(UNDER SEPARATE
APPROVAL)

1/8" MINIMUM WALL THICKNESS ALUMINUM ALLOY 6063-T5

F.B.C. (High Velocity Hurricane Zone)

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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33118
Phone : (305)871-1530 . Fax : (305)871-1531
EB-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. 44167

**SERIES 2008 SLIDING GLASS DOOR
LARGE MISSILE IMPACT RESISTANT**

Florida Coastal Protective Mfg. Inc.

6950 N.W. 37 COURT
HIALEAH, FL 33147

PHONE: (305) 696-3976 / FAX: (305) 696-3976

DRAWN BY:
F.P./R.E.

5/27/08
DATE

08-172

DRAWING No

SHEET 10 OF 16

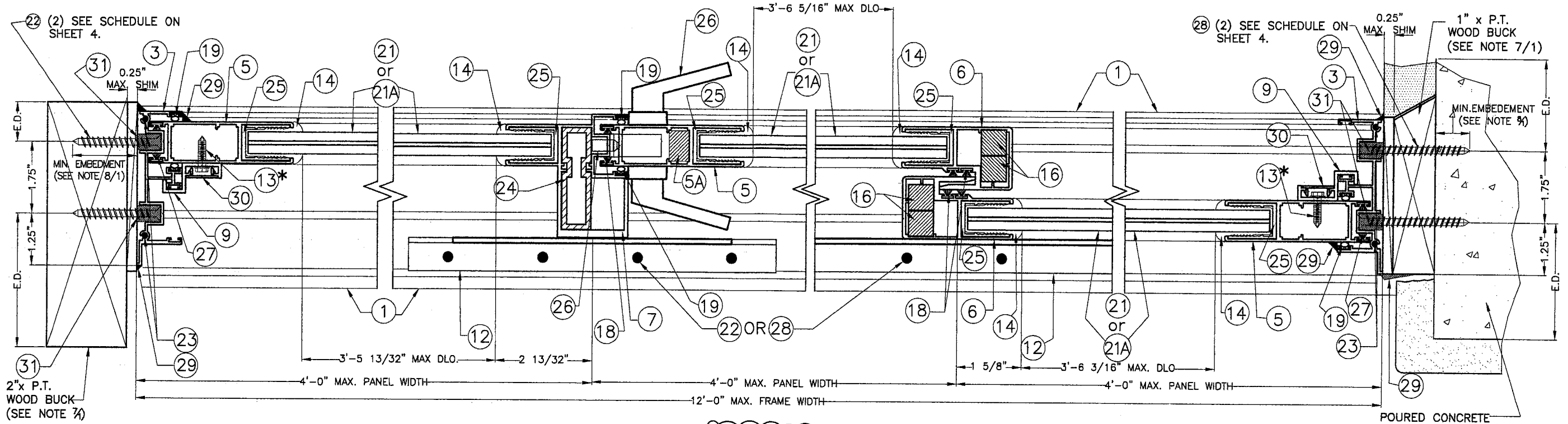
* (9) #14 X 3/4" HX HD SMS (COMPONENT 13) AT 7" MAX. FROM JAMBSTILE AND AT 12" CENTER TO CENTER

SECTIONS D-D (OXXO)

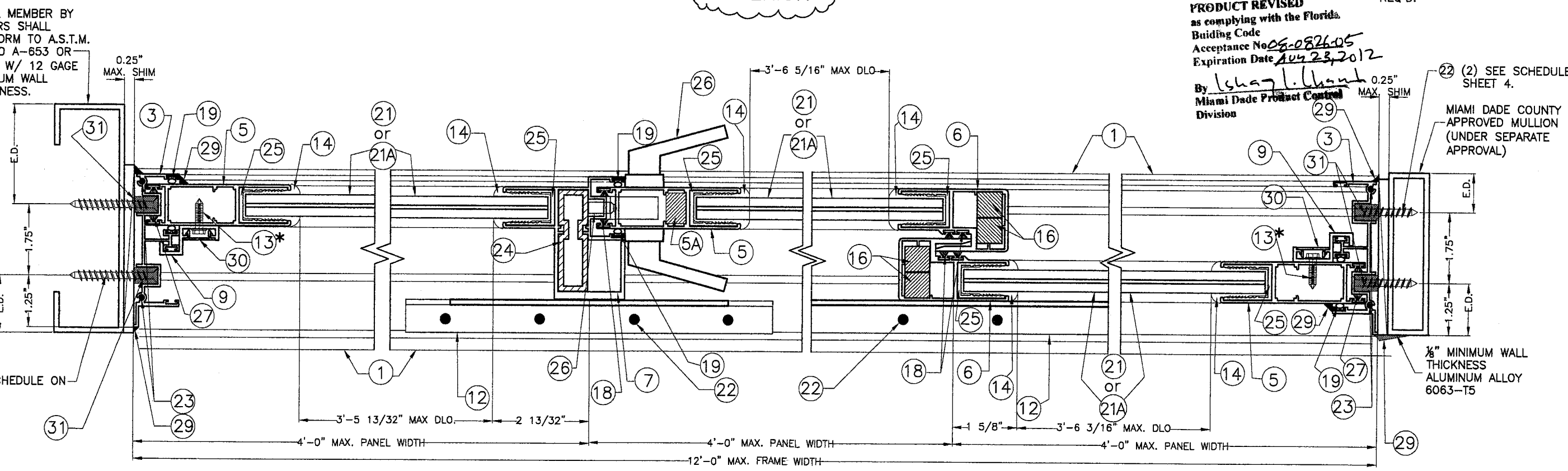
SCALE: $3/8"=1"$

EXTERIOR

8/18/02



EXTERIOR



EXTERIOR

* (9) #14 X 3/4" HX HD SMS (COMPONENT 13) AT 7" MAX. FROM JAMBSTILE AND AT 12" CENTER TO CENTER

SECTIONS E-E (OXO)
SCALE: 3/8"=1"

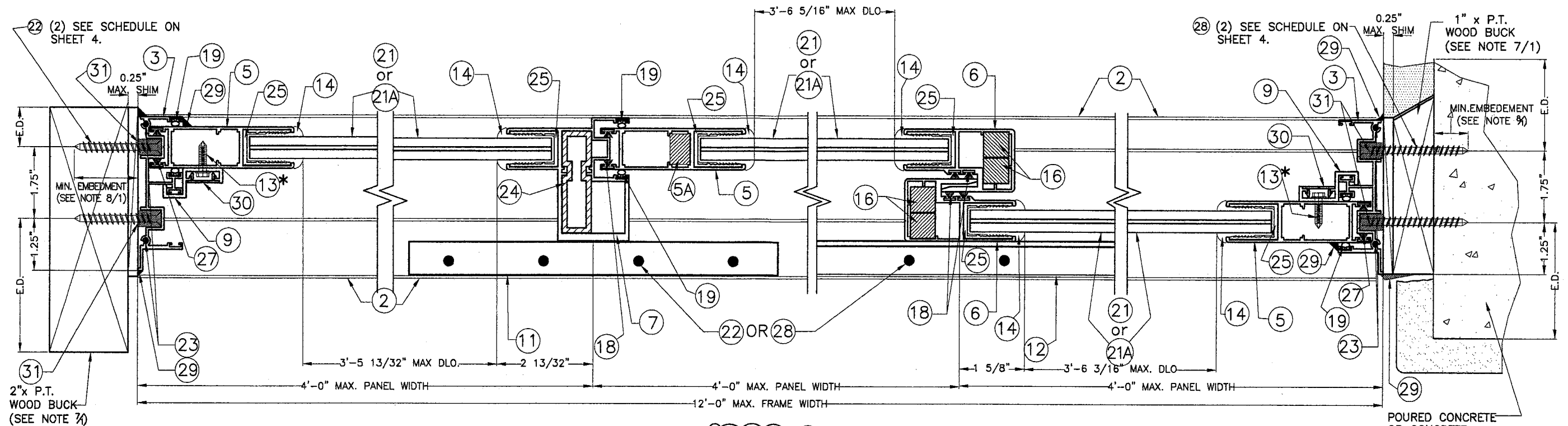
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0826-05
Expiration Date Aug 23, 2012
By L. L. L. L.
Miami Dade Product Control
Division

MIAMI DADE COUNTY
APPROVED MULLION
(UNDER SEPARATE
APPROVAL)

1/8" MINIMUM WALL
THICKNESS
ALUMINUM ALLOY
6063-T5

F.B.C. (High Velocity Hurricane Zone)

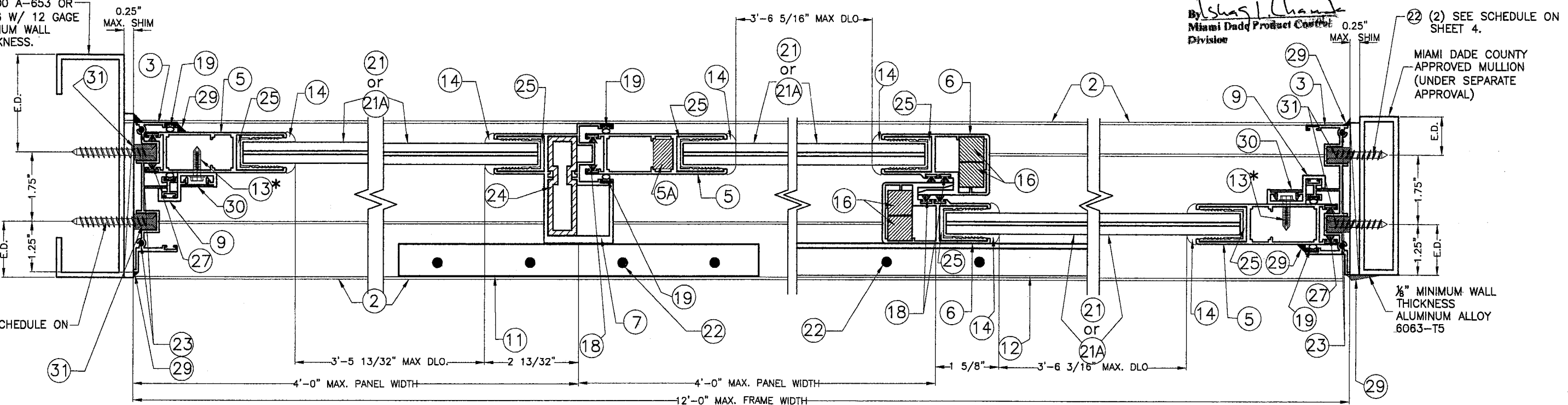
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REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD DRAWING # 07-110	05/27/08	3		
2			4		



EXTERIOR

STEEL MEMBER BY OTHERS SHALL CONFORM TO A.S.T.M. A-500 A-653 OR A-36 W/ 12 GAGE MINIMUM WALL THICKNESS.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 08-0826-05
Expiration Date Aug 23, 2012
By Shas I. Chandra
Miami Dade Product Control Division



EXTERIOR

(2) SEE SCHEDULE ON SHEET 4.

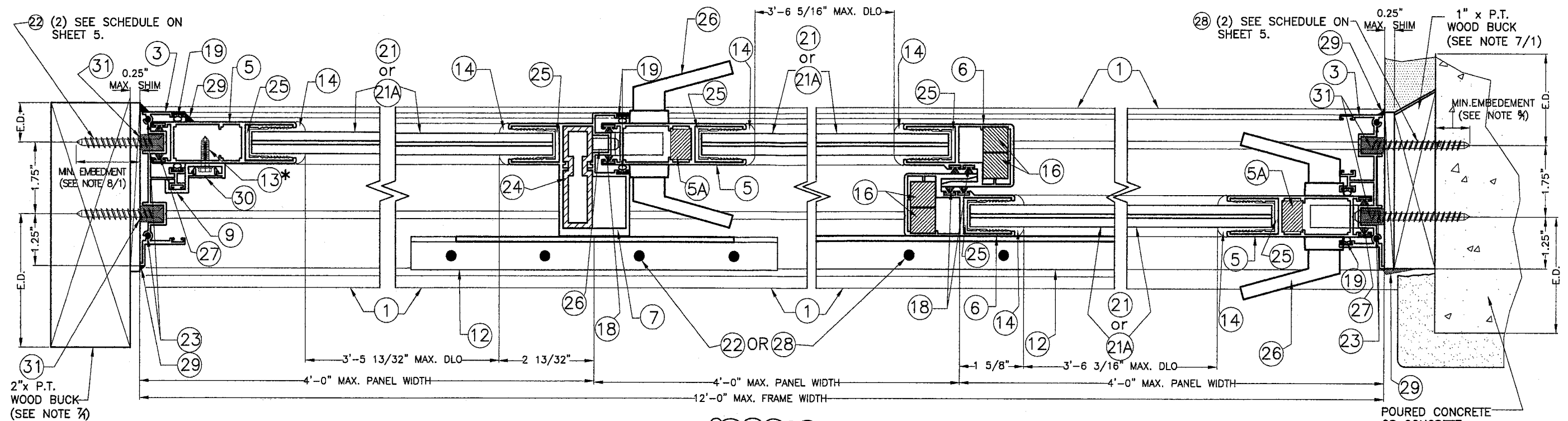
F.B.C. (High Velocity Hurricane Zone)

* (9) #14 X 3/4" HX HD SMS (COMPONENT 13) AT 7" MAX. FROM JAMBSTILE AND AT 12" CENTER TO CENTER

SECTIONS F-F (OXO)

SCALE: 3/8"=1"

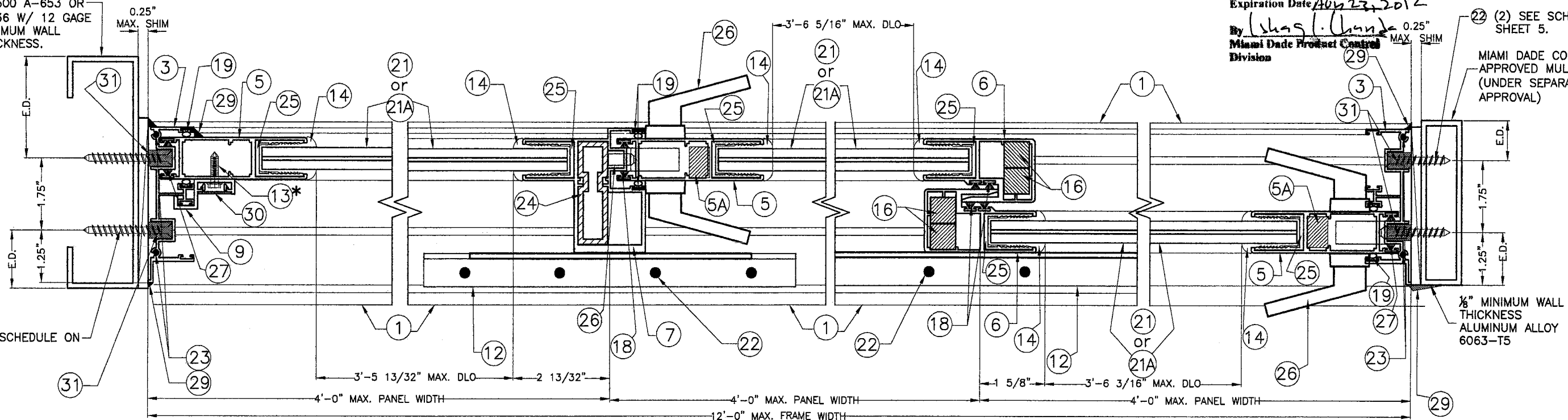
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		Florida Coastal Protective Mfg. Inc. 6950 N.W. 37 COURT HALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3976		5/27/08 DATE
REV. NO. DESCRIPTION DATE 1 OLD DRAWING # 07-110 05/27/08 2		REV. NO. DESCRIPTION DATE 3 4		08-172 DRAWING No
				SHEET 12 OF 16



EXTERIOR

STEEL MEMBER BY OTHERS SHALL CONFORM TO A.S.T.M. A-500 A-653 OR A-36 W/ 12 GAGE MINIMUM WALL THICKNESS.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 06-0826-05
Expiration Date Aug 23, 2012
By [Signature]
Miami Dade Product Control Division



EXTERIOR

(2) SEE SCHEDULE ON SHEET 5.

(2) SEE SCHEDULE ON SHEET 5.

MIAMI DADE COUNTY APPROVED MULLION (UNDER SEPARATE APPROVAL)

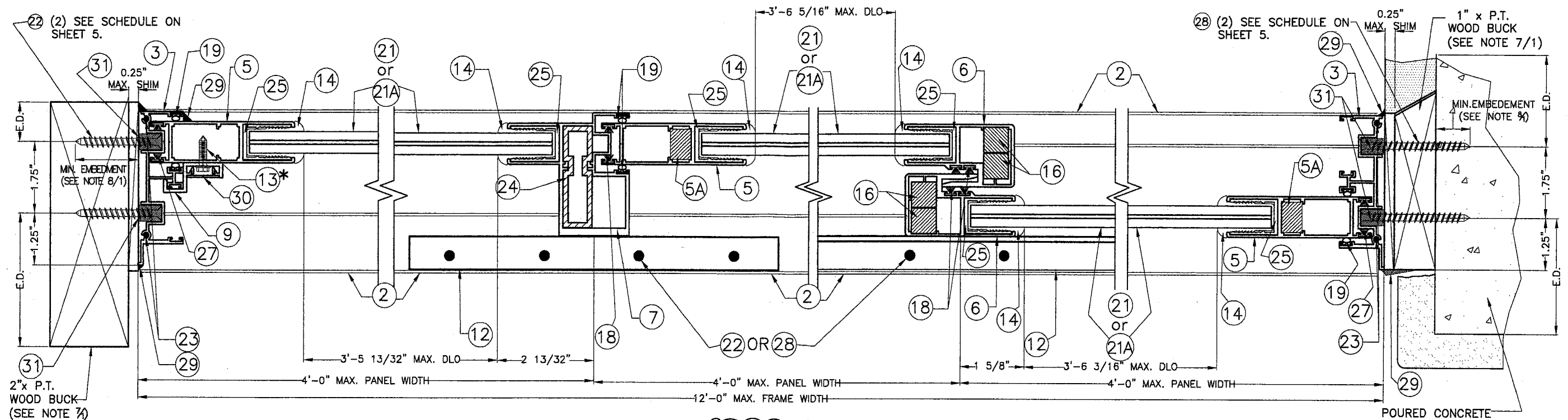
F.B.C. (High Velocity Hurricane Zone)

* (9) #14 X 3/4" HX HD SMS (COMPONENT 13) AT 7" MAX. FROM JAMBSTILE AND AT 12" CENTER TO CENTER

SECTIONS G-G (OXX)

SCALE: 3/8"=1"

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REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD DRAWING # 07-110	05/27/08	3		
2			4		



EXTERIOR

STEEL MEMBER BY OTHERS SHALL CONFORM TO A.S.T.M. A-500 A-653 OR A-36 W/ 12 GAGE MINIMUM WALL THICKNESS.

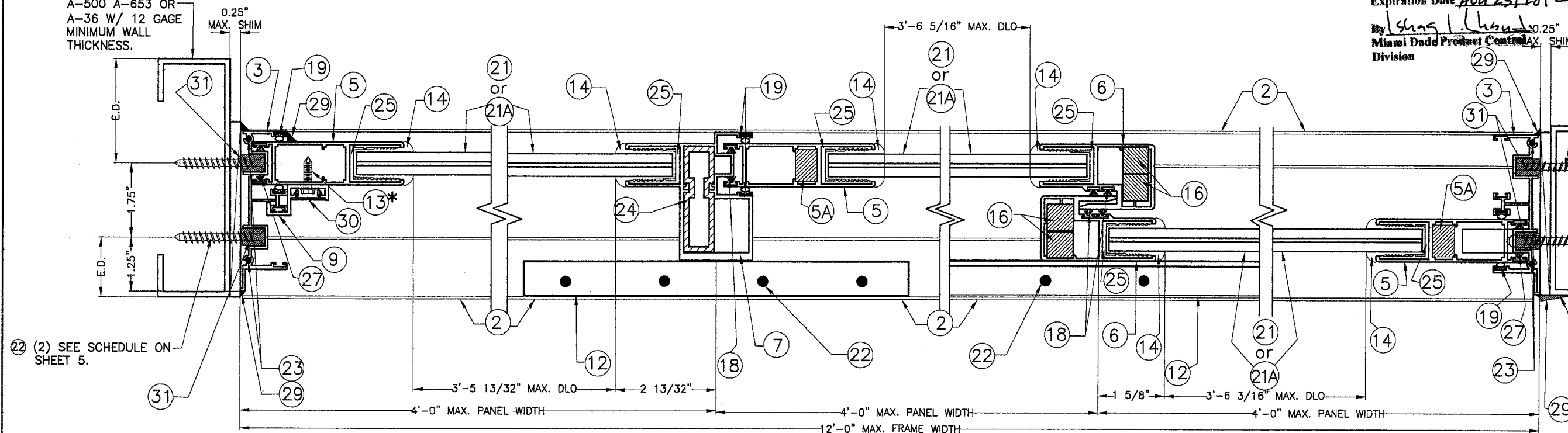
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. **08-0826-05** Expiration Date **Aug 23, 2012**

By *[Signature]* Miami Dade Product Control Division

(2) SEE SCHEDULE ON SHEET 5.

MIAMI DADE COUNTY APPROVED MULLION (UNDER SEPARATE APPROVAL)

1/8" MINIMUM WALL THICKNESS ALUMINUM ALLOY 6063-T5



EXTERIOR

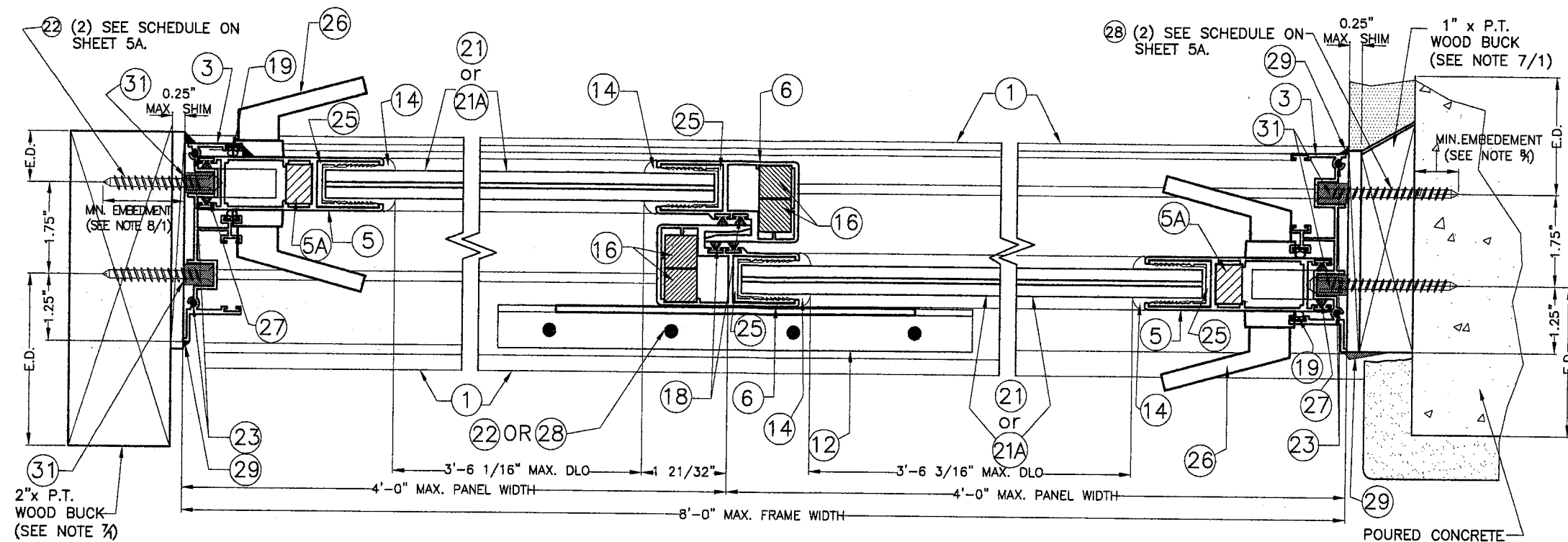
* (9) #14 X 3/4" HX HD SMS (COMPONENT 13) AT 7" MAX. FROM JAMBSTILE AND AT 12" CENTER TO CENTER

SECTIONS H-H (OXX)

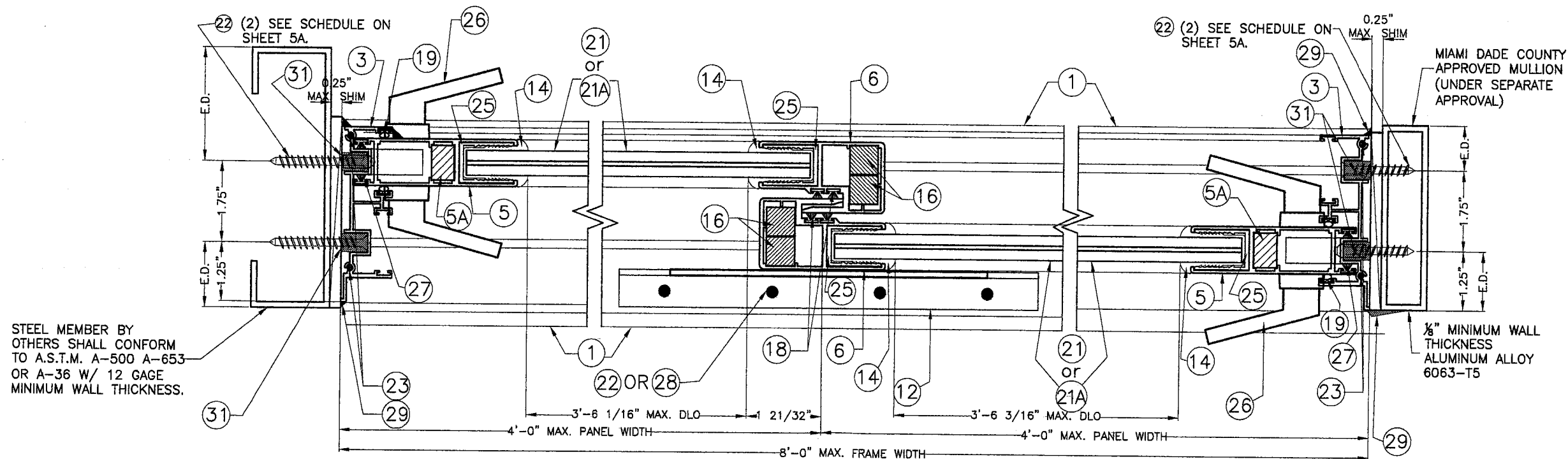
SCALE: 3/8"=1"

F.B.C. (High Velocity Hurricane Zone)

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	Florida Coastal Protective Mfg. Inc.			5/27/08 DATE																			
	6950 N.W. 37 COURT HIALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3978			08-172 DRAWING No																			
	<table><tr><th>REV. NO</th><th>DESCRIPTION</th><th>DATE</th><th>REV. No</th><th>DESCRIPTION</th><th>DATE</th></tr><tr><td>1</td><td>OLD DRAWING # 07-110</td><td>05/27/08</td><td>3</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td>4</td><td></td><td></td></tr></table>	REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1	OLD DRAWING # 07-110	05/27/08	3			2			4			SHEET 14 OF 16			
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE																		
1	OLD DRAWING # 07-110	05/27/08	3																				
2			4																				



EXTERIOR



EXTERIOR

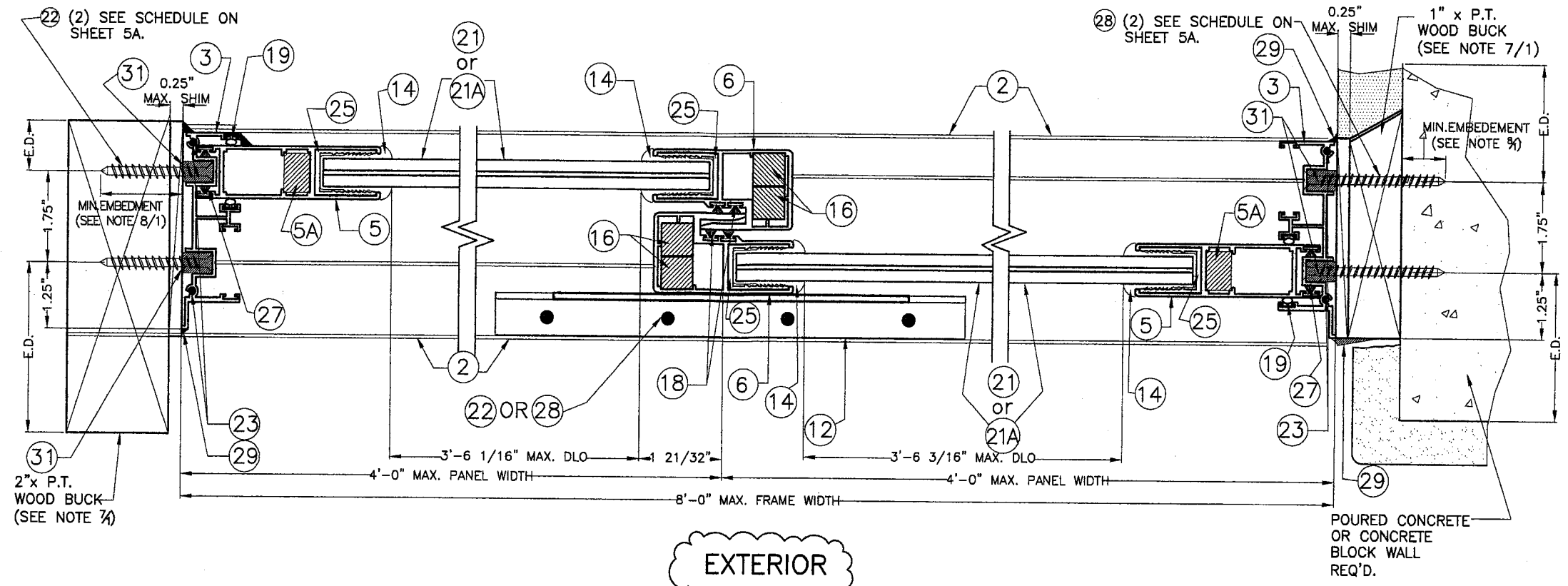
PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 05-0826-05
Expiration Date 10/23/2012
By *[Signature]*
Miami Dade Product Control
Division

F.B.C. (High Velocity Hurricane Zone)

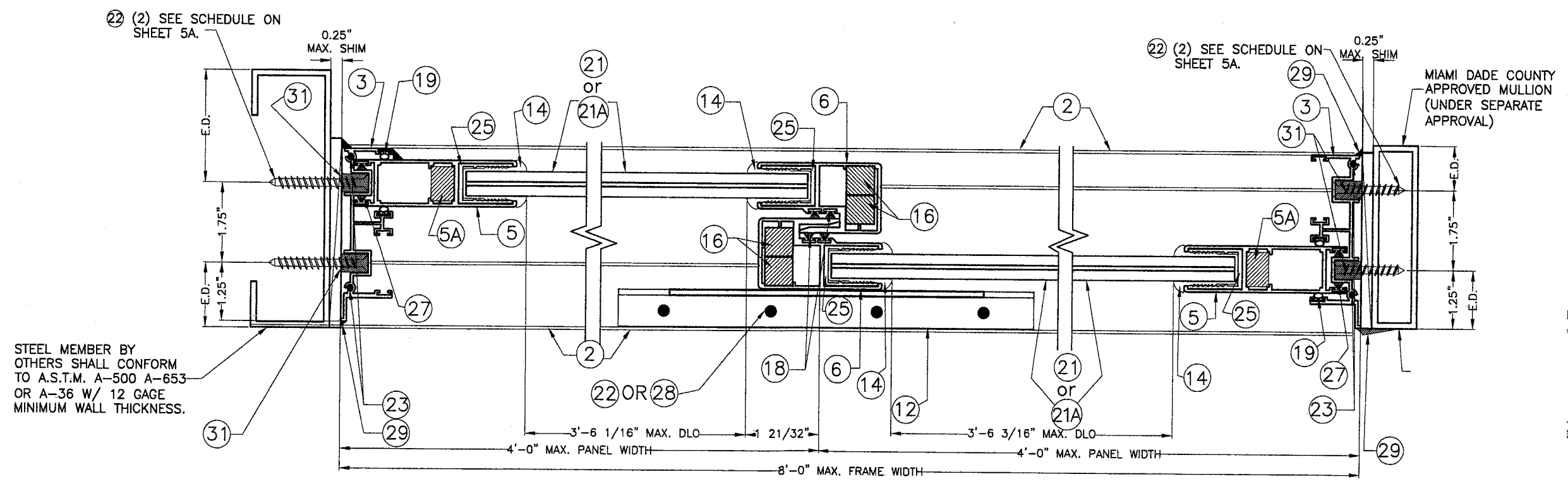
SECTIONS I-I (XX)

SCALE: 3/8"=1"

© 2008 TILTECO INC. TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167		SERIES 2008 SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT		DRAWN BY: F.P.
		Florida Coastal Protective Mfg. Inc. 6950 N.W. 37 COURT HALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3976		5/27/08 DATE
REV. NO. DESCRIPTION DATE REV. NO. DESCRIPTION DATE 1 OLD DRAWING # 07-110 05/27/08 3 2		08-172 DRAWING No		SHEET 14A OF 16



EXTERIOR



EXTERIOR

STEEL MEMBER BY OTHERS SHALL CONFORM TO A.S.T.M. A-500 A-653 OR A-36 W/ 12 GAGE MINIMUM WALL THICKNESS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 28-0826.05
Expiration Date 04/23/12
By Charles L. Llanos
Miami Dade Product Control
Division

SECTIONS J-J (XX)
SCALE: 3/8"=1"

8/18/08

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TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY

6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
EB-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. 44167

F.B.C. (High Velocity Hurricane Zone)

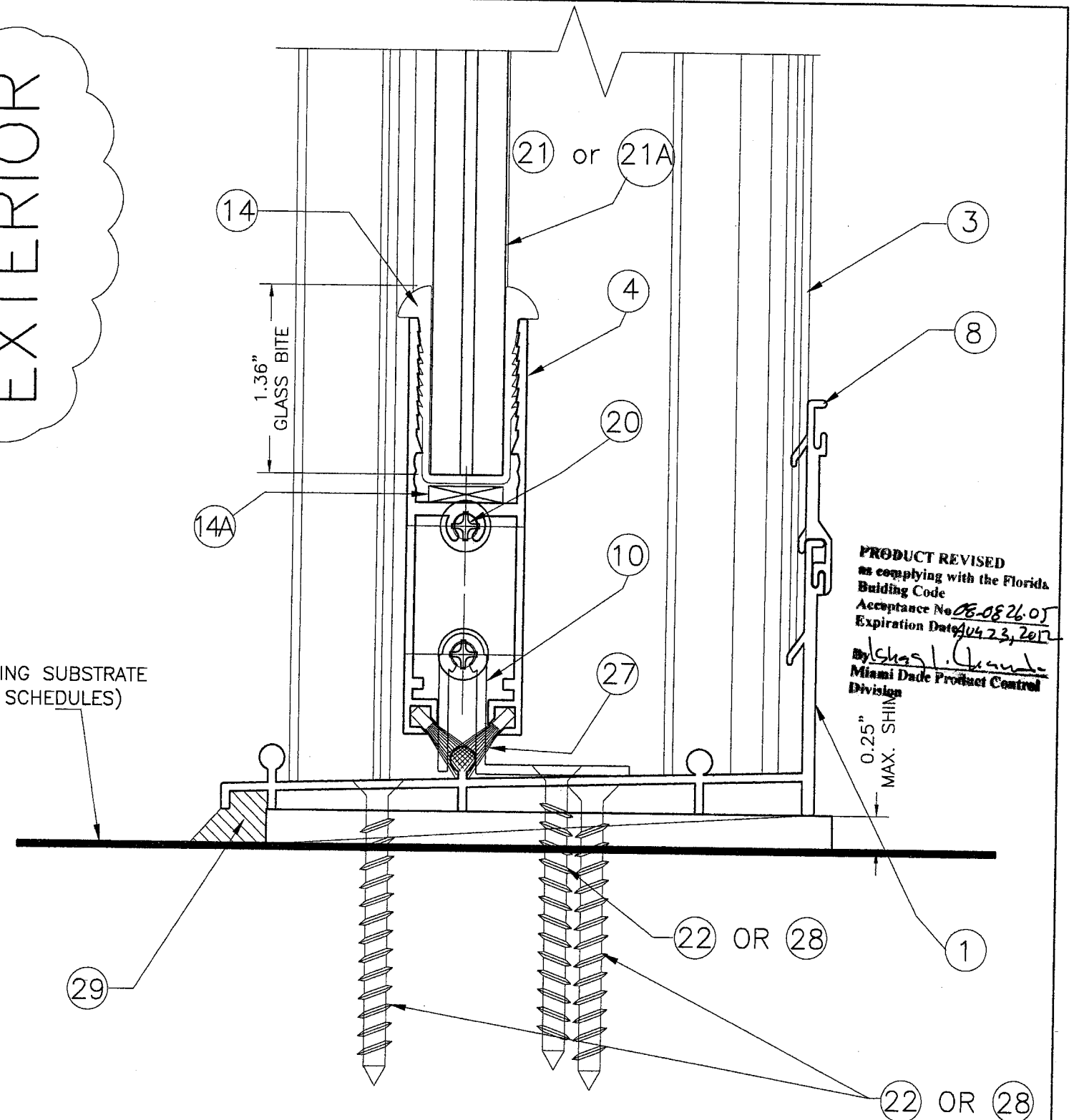
SERIES 2008 SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT				DRAWN BY: F.P.	
Florida Coastal Protective Mfg. Inc.				5/27/08 DATE	
6950 N.W. 37 COURT HALEAH, FL 33147 PHONE: (305) 696-3976 / FAX: (305) 696-3976				08-172 DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD DRAWING # 07-110	05/27/08	3		
2			4		

SHEET 14B OF 16

BILL OF MATERIALS			
ITEM #	PART	DESCRIPTION	MATERIAL
1	FSP 023	FRAME SILL	6063-T6 ALLOY
2	FSP 024	FRAME HEAD	6063-T6 ALLOY
3	FSP 025	FRAME JAMB	6063-T6 ALLOY
4	FSP 026	TOP AND BOTTOM RAIL	6063-T6 ALLOY
5	FSP 027	LOCKSTILE AND JAMBSTILE	6063-T6 ALLOY
5A	-	STEEL INSERT FOR ⑤ 1/2" x 3/4"	ASTM A-36
6	FSP 028	MOVING INTERLOCK	6063-T6 ALLOY
7	FSP 029	CENTER MATE	6063-T6 ALLOY
8	FSP 030	SILL ADAPTER	6063-T6 ALLOY
9	FSP 031	FIXED PANEL SIDE RAIL	6063-T6 ALLOY
10	FSP 032	ADAPTER HEAD/SILL	6063-T6 ALLOY
11	FSP 033	0.500" X 0.812" ALUMINUM BAR	6063-T6 ALLOY
12	FSP 034	ANGLE AT TOP & BOTTOM	6063-T6 ALLOY
13	FASTENER	#14 X 3/4" HX HD SMS	STEEL
14	-	GLAZING GASKET	80 DURO, ± 5 FLEXIBLE PVC
14A	-	GASKET SUPPORT	
15	-	TANDEM ROLLER REGULAR(SS) ONE @ EA. END OF EA. MOVING PANEL W/ (4) #8 x 3/4" SMS EA. PANEL	---
16	FSP 035	(2) 5/8" X 5/8" STEEL BAR, ZINC PLATED	ASTM A-36
17	SILICONE	SCS2800 GE OR PECORA 895	---
18	-	WEATHER STRIP (POLYPROPYLENE), W13241NW, ULTRAFAB INC.	---
19	-	- BULB: 8201-60 AES SANTOPRENE, - BASE: 203-50 AES SANTOPRENE, 0.270" BASE BULB SEAL	---
20	FASTENER	#10 X 1 1/2" PH SMS	STEEL
21	GLASS	- 9/16" OVERALL LAMINATED GLASS W/ (2) 1/4" HEAT STRENGTHENED GLASS W/ A 0.090" INNER LAYER FILM SENTRY GLASS PLUS (SGP) BY EI DUPONT DENEMOURS, W/ NOA 06-1205.10.	---
21A	GLASS	- 0.534" OVERALL LAMINATED GLASS W/ (2) 1/4" HEAT STRENGTHENED GLASS W/ A 0.090" INNER LAYER FILM VANCEVA BY SOLUTIA, INC., W/ NOA 03-0415.13.	---
22	ANCHORS	(4) 1/4"-14 ITW BUILDTEX TEK SCREW TO WOOD BUCK OR METAL (SEE SCHEDULES)	STEEL
23	FASTENER	#8 X 1" PM SMS	STEEL
24	FSP 036	TUBE SUPPORT FOR COMPONENT ⑦	6063-T6 ALLOY
25	FSP 037	STILE FITTING INSERT	6063-T6 ALLOY
26	-	HANDLE (BY OTHERS) PLUS AMESBURY DOOR HARDWARE W/ (4) # 8x3/4" F.H. SMS TO STILE AT LOCK/KEEPER END.	---
27	-	WEATHER STRIP (POLYPROPYLENE), W23261NK, ULTRAFAB, INC.	---
28	ANCHORS	1/4" Ø TAPCON ANCHOR, ITW BUILDTEX, INC OR 1/4" Ø KWIK-CON II HILTI INC. TO CONCRETE OR CONCRETE BLOCK (SEE SCHEDULES)	STEEL
29	-	SEALANT, WHITE COLOR SILICONE, FIXED PANEL JAMB STILES TO FRAME (INTERIOR AND EXTERIOR) AND FRAME CORNERS.	---
30	-	COVER SCREW SIDE HOLDER	6063-T6 ALLOY
31	-	INSERT FOR FRAME JAMB	6063-T6 ALLOY

EXTERIOR

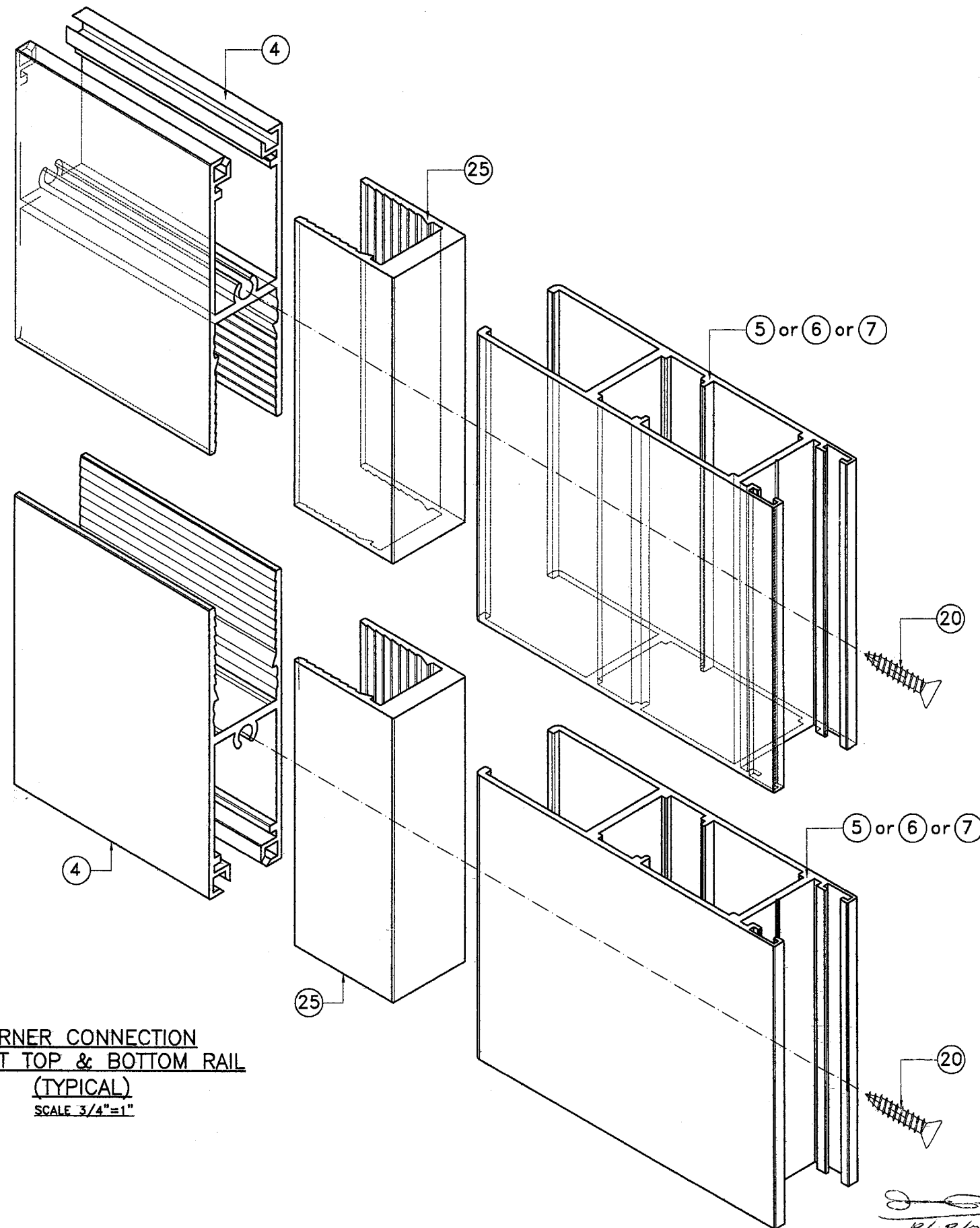
EXISTING SUBSTRATE
(SEE SCHEDULES)



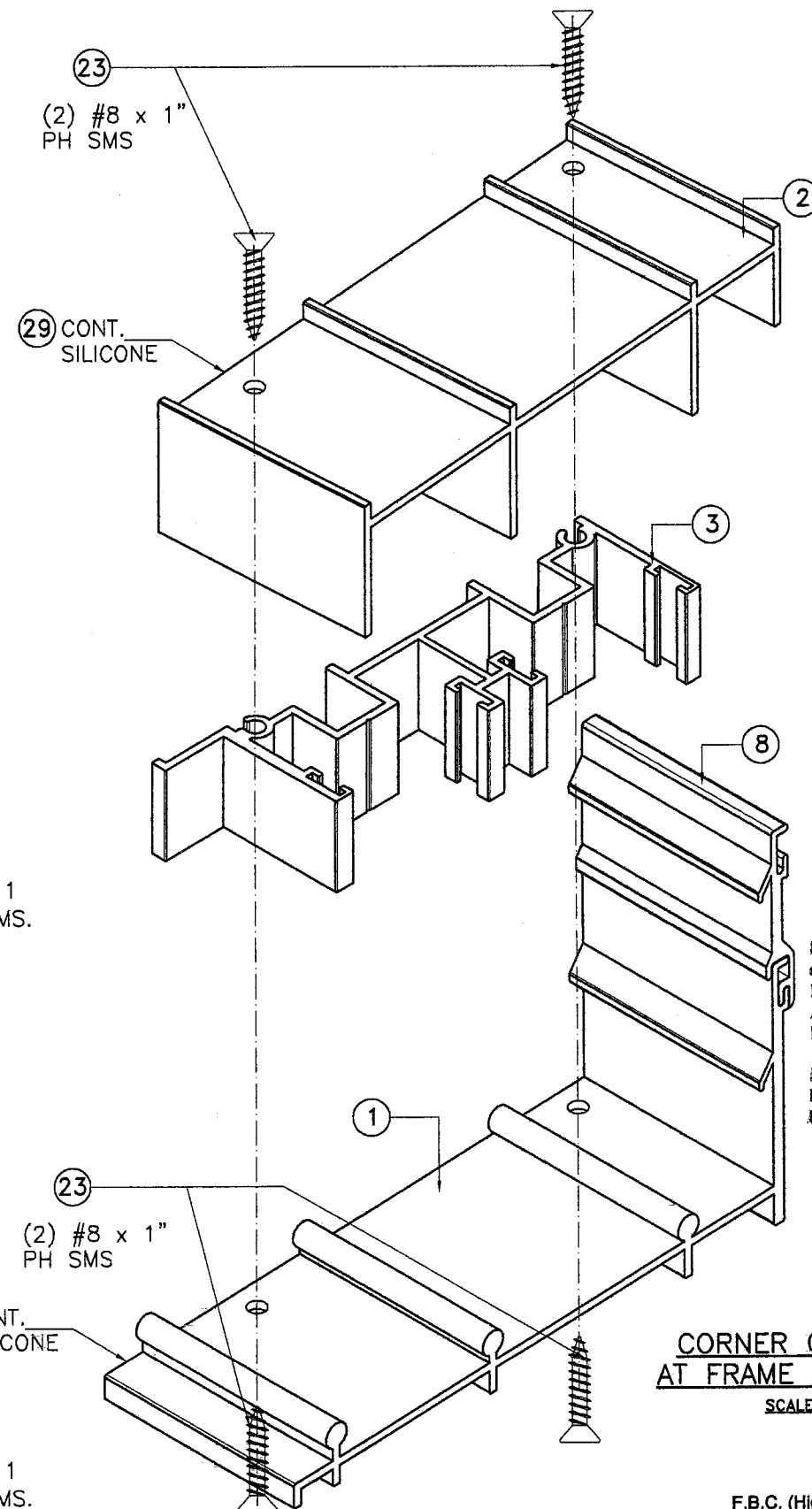
GLAZING DETAIL (SECTION)
SCALE: 1"=1"

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		Florida Coastal Protective Mfg. Inc. 6950 N.W. 37 COURT HIALEAH, FL 33147 PHONE: (305) 896-3976 / FAX: (305) 696-3976		5/27/08 DATE
F.B.C. (High Velocity Hurricane Zone)		08-172 DRAWING No		SHEET 15 OF 16

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD DRAWING # 07-110	05/27/08	3		
2			4		



**CORNER CONNECTION
STILE AT TOP & BOTTOM RAIL
(TYPICAL)**
SCALE 3/4"=1"



**CORNER CONNECTION
AT FRAME HEAD & SILL**
SCALE 3/4"=1"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0824-05
Expiration Date 4/5/23/2012
By Isaac J. Llanos
Miami Dade Product Control
Division

F.B.C. (High Velocity Hurricane Zone)

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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD DRAWING # 07-110	05/27/08	3		
2			4		