



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.buildingcodeonline.com

Alutech Corporation
8548 NW 64 Street
Miami, FL 33166

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: Series 2001 Flush Single Outswing Aluminum Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **A95214**, titled "Series 2001 Flush Single Outswing Aluminum Insulated Commercial Door", sheets 1, 1A, 2 through 7 of 7, dated 12/15/95 revised on 05/24/06, prepared by TILTECO, Inc., signed and sealed by Walter A. Tillit, Jr., P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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

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

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

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

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

This NOA **renews NOA # 01-0628.01** 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 06-0613.08
Expiration Date: July 19, 2011
Approval Date: August 10, 2006
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **A95214**, titled "Series 2001 Flush Single Outswing Aluminum Insulated Commercial Door", sheets 1, 1A, 2 through 7 of 7, dated 12/15/95 revised on 05/24/06, prepared by TILTECO, Inc., signed and sealed by Walter A. Tillit, Jr., P.E.

B. TESTS

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) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a flush single outswing aluminum door, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-00-939 & HETI-00-940**, dated 10/05/00 and 11/01/00 respectively, signed and sealed by Hector M. Medina, P.E. (Note: Marked-up drawing dated June 2001 by HETI resubmitted)
2. 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) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a flush single outswing aluminum door, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-95-1046, HETI-95-427 & HETI-95-427F**, dated 11/30/95, 12/06/95 and 11/30/95 respectively, signed and sealed by Hector M. Medina, P.E.

C. CALCULATIONS

1. Anchor Calculations structural analysis and comparative analysis, prepared by TILTECO, Inc., dated 05/24/06, signed and sealed by Walter A. Tillit, Jr., P.E.
2. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by TILTECO, Inc., dated 12/01/99 and revised on 12/12/2001, signed and sealed by Walter A. Tillit, Jr., P.E.

D. QUALITY ASSURANCE

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


Manuel Perez, P.E.
Product Control Examiner
NOA No 06-0613.08
Expiration Date: July 19, 2011
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Alutech Corporation

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E. MATERIAL CERTIFICATIONS

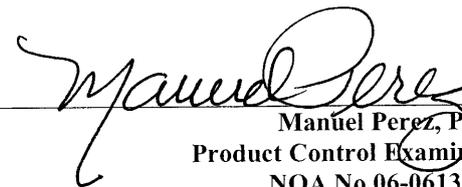
1. Notice of Acceptance No. **01-1108.09**, issued to Apache Products Company for their EPS- Expanded Polystyrene Insulation, approved on 01/07/02 and expiring on 01/11/07.

F. STATEMENTS

1. Statement letter of conformance, dated June 6, 2006, signed and sealed by Walter A. Tillit, Jr., P.E.

G. OTHER

1. Notice of Acceptance No. **01-0628.01**, issued to Alutech Corporation for their Series 2001 Flush Single Outswing Aluminum Insulated Commercial Door - Impact, approved on 07/19/01 and expiring on 07/19/06.



Manuel Perez, P.E.
Product Control Examiner
NOA No 06-0613.08

Expiration Date: July 19, 2011
Approval Date: August 10, 2006

GENERAL NOTES AND SPECIFICATIONS:

1. SERIES 2001 FLUSH SINGLE OUTSWING ALUMINUM INSULATED COMMERCIAL DOOR-IMPACT WITH 0.040", 0.063", OR 0.090" ALUMINUM FACE SHEET AND FR575 OR FR450S ALUMINUM FRAME SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P. A. D.) HAS BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE WITH THE 2005 SUPPLEMENT. DOOR MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. THIS DOOR'S ADEQUACY FOR WIND AND IMPACT LOAD HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609.1.4 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203 AS PER HETI LAB REPORT #HETI-00-939 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTION 1612 OF THE FLORIDA BUILDING CODE.
2. SEE MAXIMUM DESIGN PRESSURE RATING AND WATER INFILTRATION REQUIREMENTS ON SHEET 1A.
3. ALL COMPONENTS SHALL BE AS SPECIFIED ON APPLICABLE DETAIL SHEETS AND AT BILL OF MATERIALS (SHEET 1A) OF THIS DRAWING.
4. COMPLIANCE OF EGRESS / ESCAPE REQUIREMENTS OF THESE DOORS PER F.B.C. TO BE DETERMINED BY BUILDING OFFICIALS ON A CASE-BY-CASE BASIS.
5. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES.
6. ALL ANCHORS FOR DOOR FRAME CONNECTIONS TO EXISTING STRUCTURE SHALL BE AS SPECIFIED ON SHEET 3 OF THIS DRAWING. SEE ELEVATIONS ON SHEET 5.
7. PROVIDE 1/4" MAX. SHIM SPACE.
8. THIS DOOR WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.
9. PROVIDE SPECIFIED SEALANT AT ALL DOOR FRAME AND THRESHOLD JOINT WITH EXISTING STRUCTURE.
10. (a) THIS PRODUCT APPROVAL DOCUMENT (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 PRODUCT APPROVAL DOCUMENT (P.A.D.) WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
 (d) ORIGINAL P.A.D. SHALL BEAR THE DATE, SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
11. DOOR'S MANUFACTURER LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABEL SHALL READ AS FOLLOWS:
 ALUTECH CORPORATION
 MIAMI, FLORIDA
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

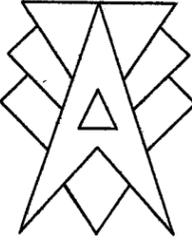
TILECO INC.

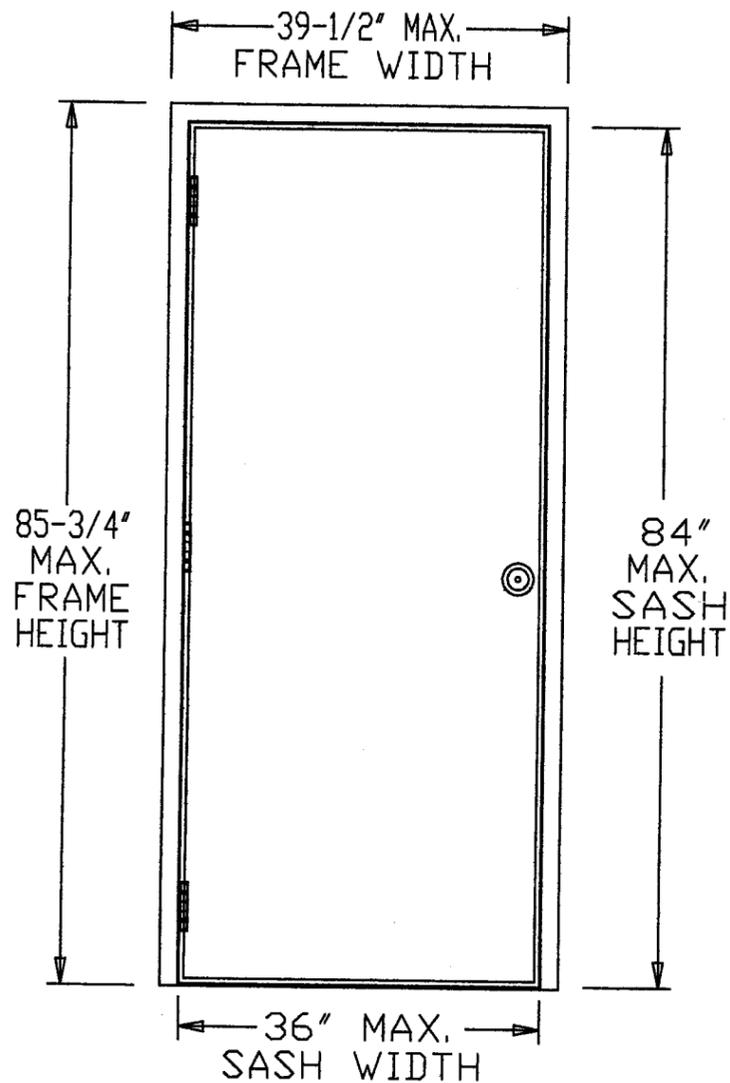
TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166
 Phone : (305)871-1530 . Fax : (305)871-1531
 e-mail: titeco@aol.com
 EB-0006719
 WALTER A. TILLIT Jr., P. E.
 FLORIDA Lic. # 44167

[Signature]

JUN 07 2006

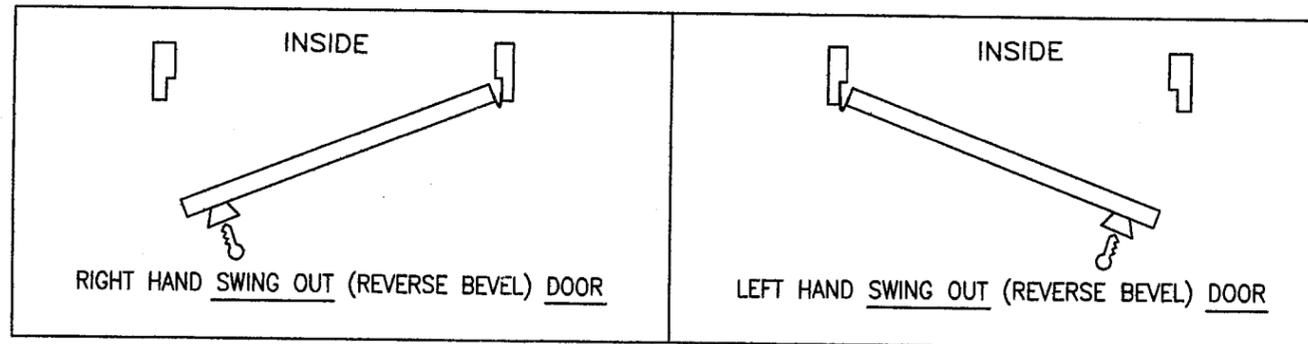
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0613.08
 Expiration Date JULY 19, 2011
 By *[Signature]*
 Miami-Dade Product Control
 Division

	ALUTECH CORPORATION 8548 NW 64th STREET MIAMI, FL 33166 PH: 305/593-2080 FAX: 305/591-8481	SERIES 2001 FLUSH SINGLE OUTSWING ALUMINUM INSULATED COMMERCIAL DOOR-IMPACT WITH 0.040", 0.063", OR 0.090" ALUMINUM FACE SHEET AND FR575 OR FR450S ALUMINUM FRAME. REV: 05/24/06
	DATE: 12/15/95 DRAWN BY: P. SARDA DWG No.: A95214 SHEET No.: 1 OF 7	



(X) EXTERIOR ELEVATION
(SEE SHEETS 4 THRU 7 FOR SPECS & DETAILS)

DESIGN PRESSURE RATING		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	+93.3 PSF	+95 PSF
NEGATIVE	-95 PSF	-95 PSF



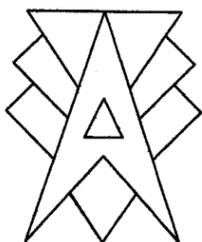
OUT-SWING DOOR

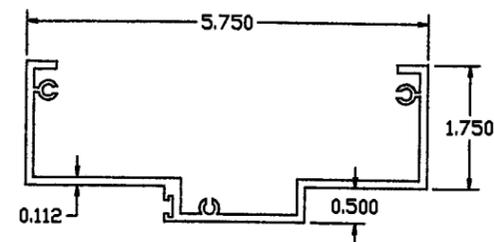
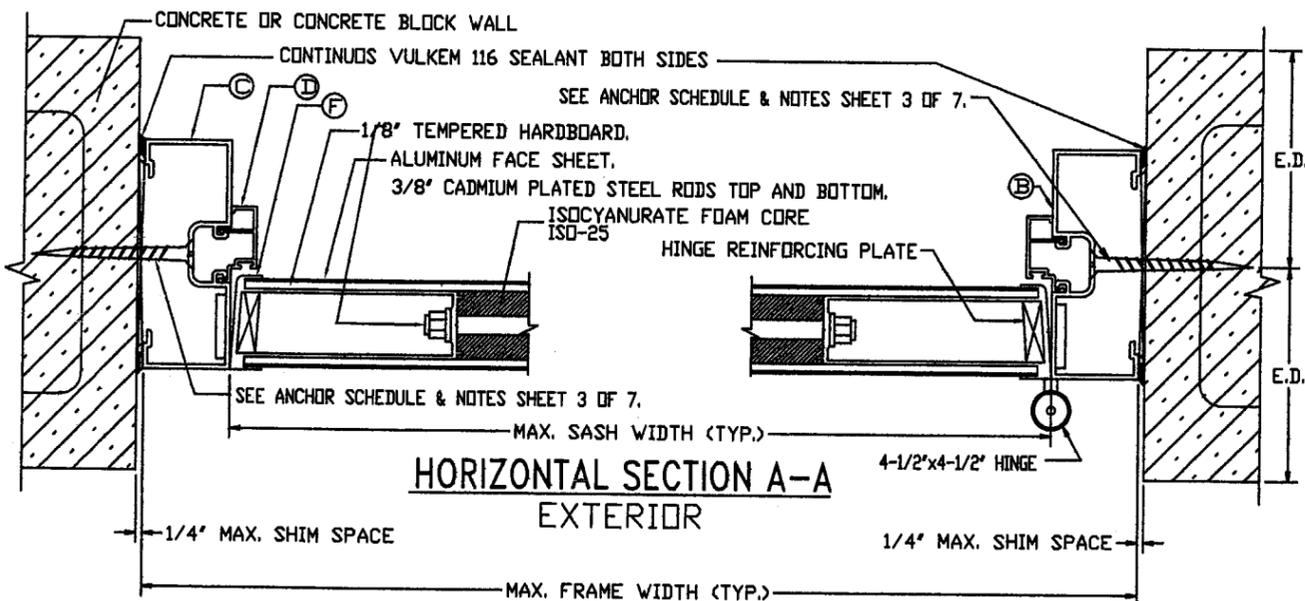
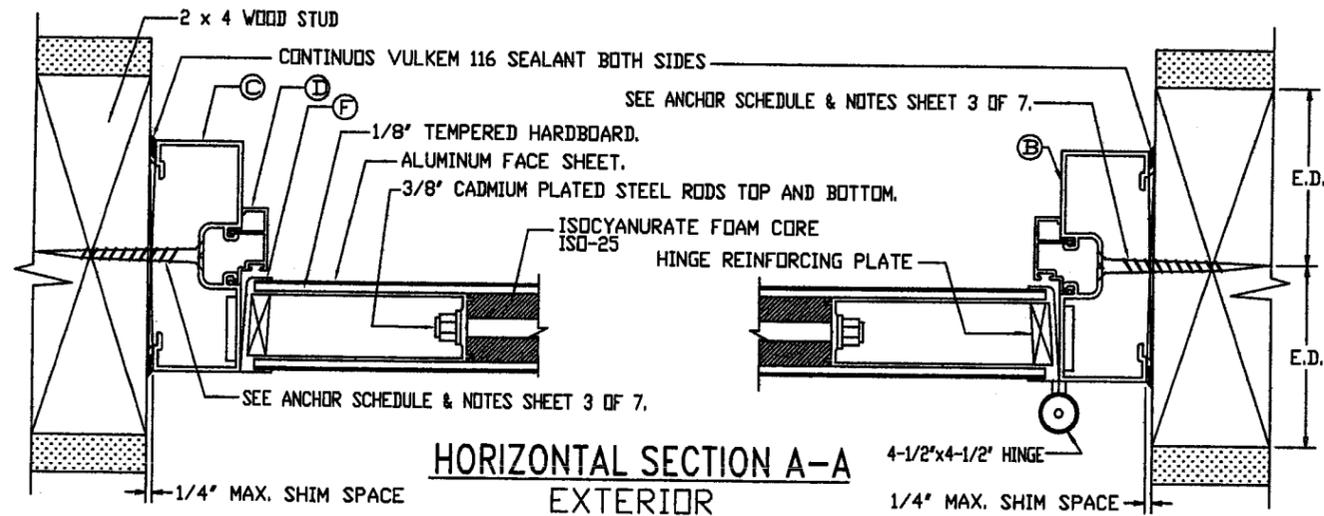
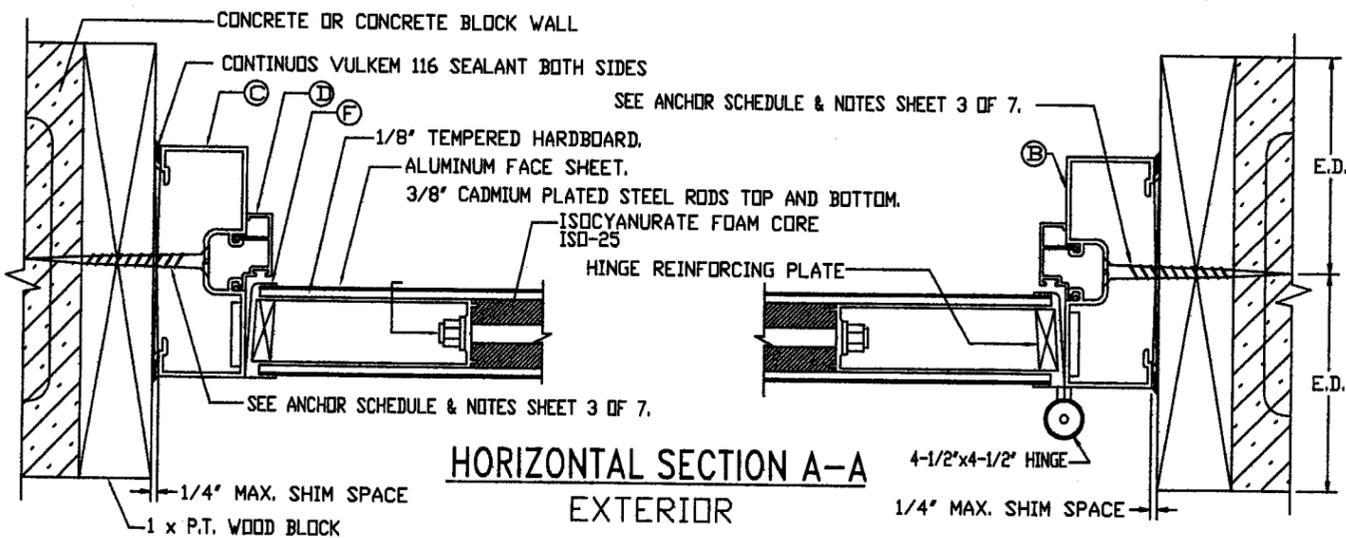
BILL OF MATERIAL FOR 3'-0" X 7'-0" DOOR	
DESCRIPTION	QTY
FLUSH ALUMINUM DOOR 35-13/16"x83-5/8"	1
ALUMINUM FRAME 39-1/2"x85-3/4"	1
WEATHERSTRIPPING SANTOPRENE	17
WALL ANCHORS	SEE SHT 3 OF 7
YALE 5407 CYLINDRICAL LOCK SERIES 1 WITH 4-7/8" STRIKE	1
HINGES 4-1/2" X 4-1/2" X .134"	3
ALUMINUM THRESHOLD 1" BUMPER TYPE 36" BY ALUTECH	1
DOOR SWEEP 36" BY ALUTECH	1

TILECO inc.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166
 Phone : (305)871-1530 . Fax : (305)871-1531
 e-mail: tileco@aol.com
 EB-0006719
 WALTER A. TILLIT Jr. P. E.
 FLORIDA Lic. # 44167

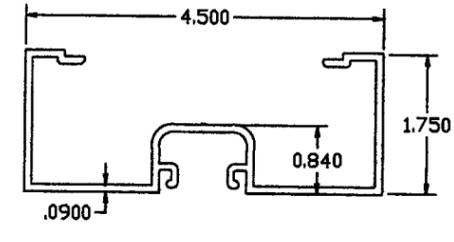
[Signature]
 JUN 07 2006

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 By: *[Signature]*
 Miami Basic Product Control
 Division

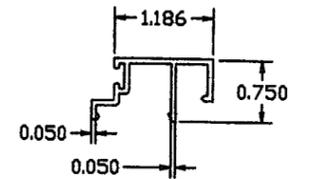
	ALUTECH CORPORATION 8548 NW 64th STREET MIAMI, FL 33166 PH: 305/593-2080 FAX: 305/591-8481	SERIES 200I FLUSH SINGLE OUTSWING ALUMINUM INSULATED COMMERCIAL DOOR-IMPACT WITH 0.040", 0.063", OR 0.090" ALUMINUM FACE SHEET AND FR575 OR FR450S ALUMINUM FRAME. REV: 05/24/06
	DATE: 12/15/95 DWG No.: A95214	DRAWN BY: A. PEREZ SHEET No.: 1A OF 7



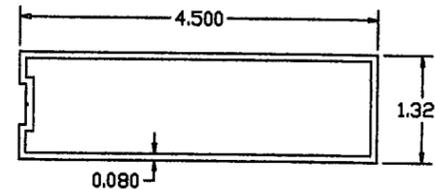
(B) JAMB & HEADER FR575



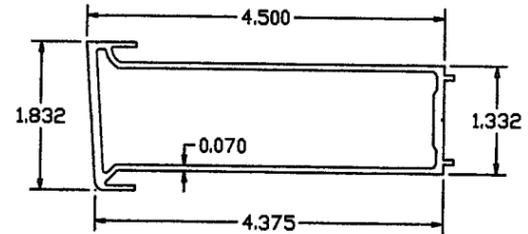
(C) ALTERNATE JAMB & HEADER FR450S



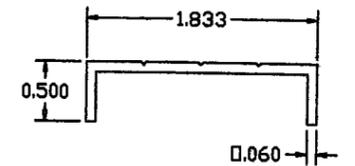
(D) SNAP-ON DOOR STOP



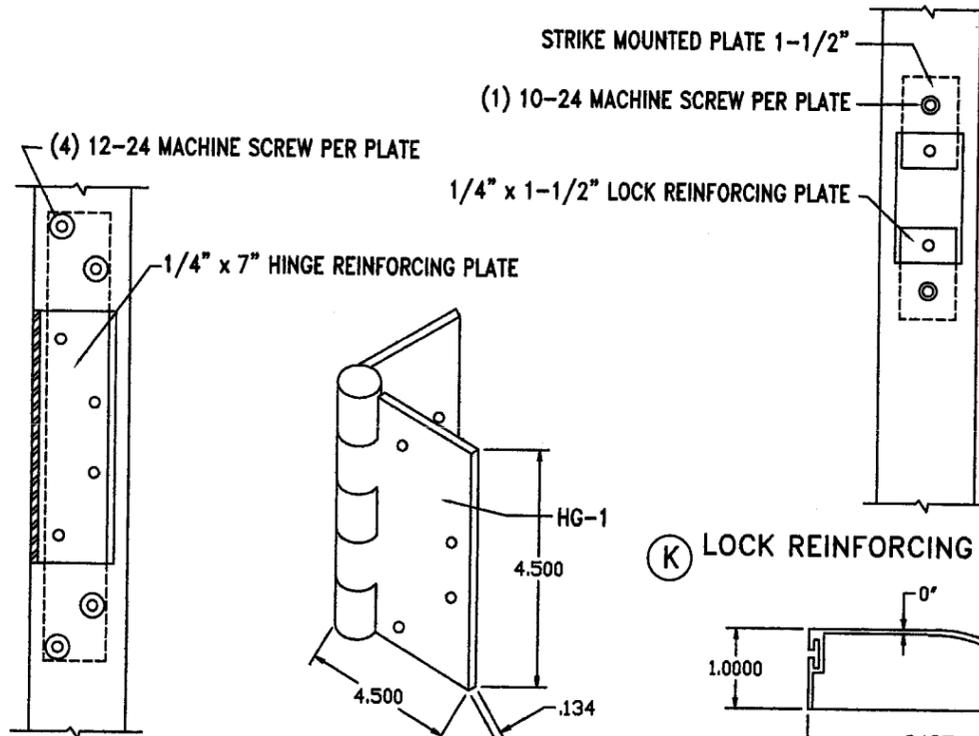
(E) TOP AND BOTTOM RAIL



(F) HINGE AND LOCK STILE



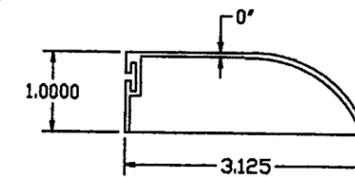
(G) TOP AND BOTTOM CAPS



(J) HINGE

COMPONENTS

(K) LOCK REINFORCING PLATE



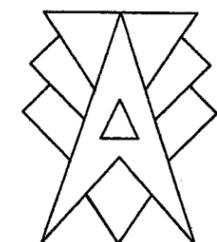
(L) THRESHOLD

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166
Phone: (305)871-1530 Fax: (305)871-1531
e-mail: tileco@aol.com
EB-0006719
WALTER A. TILLIT Jr. P. E.
FLORIDA Lic. # 44167

[Signature]

JUN 07 2006

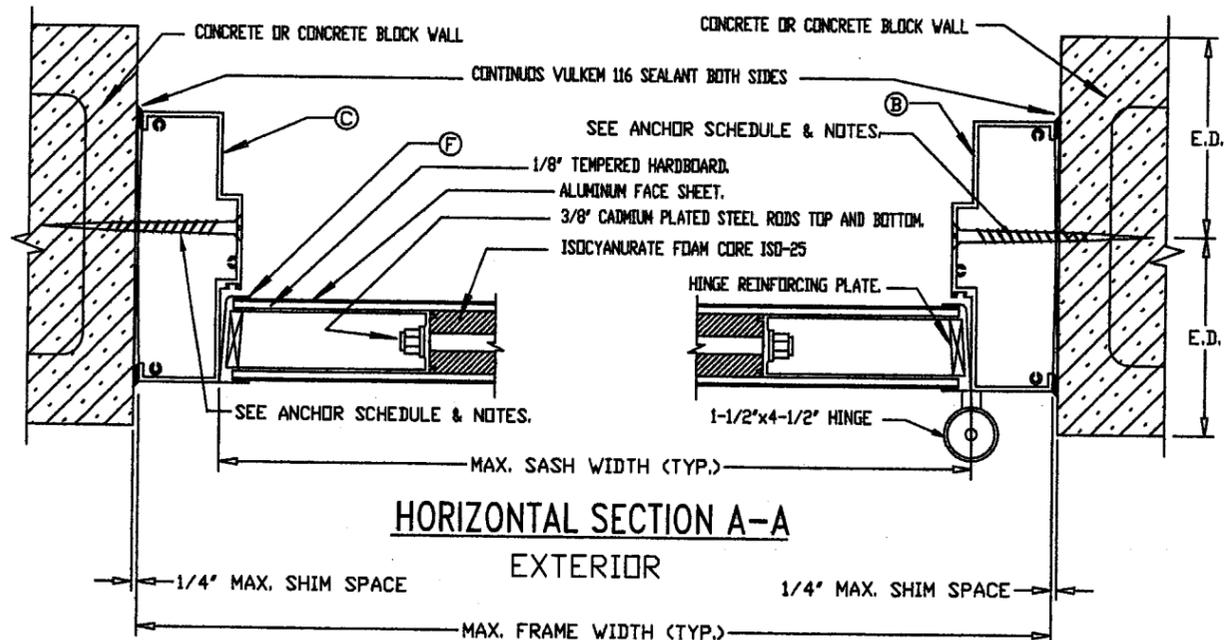
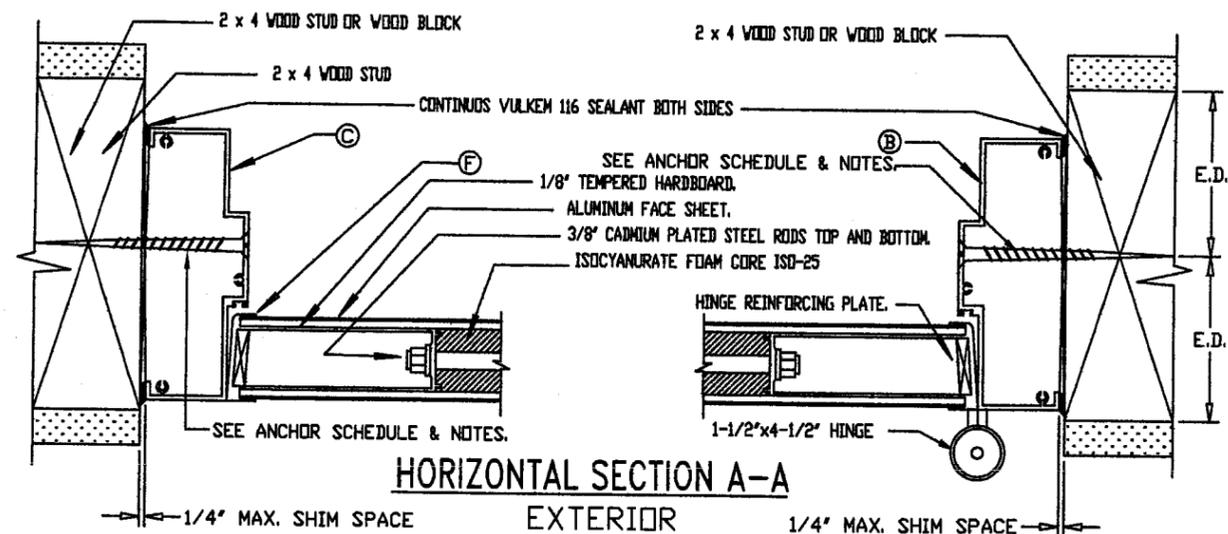
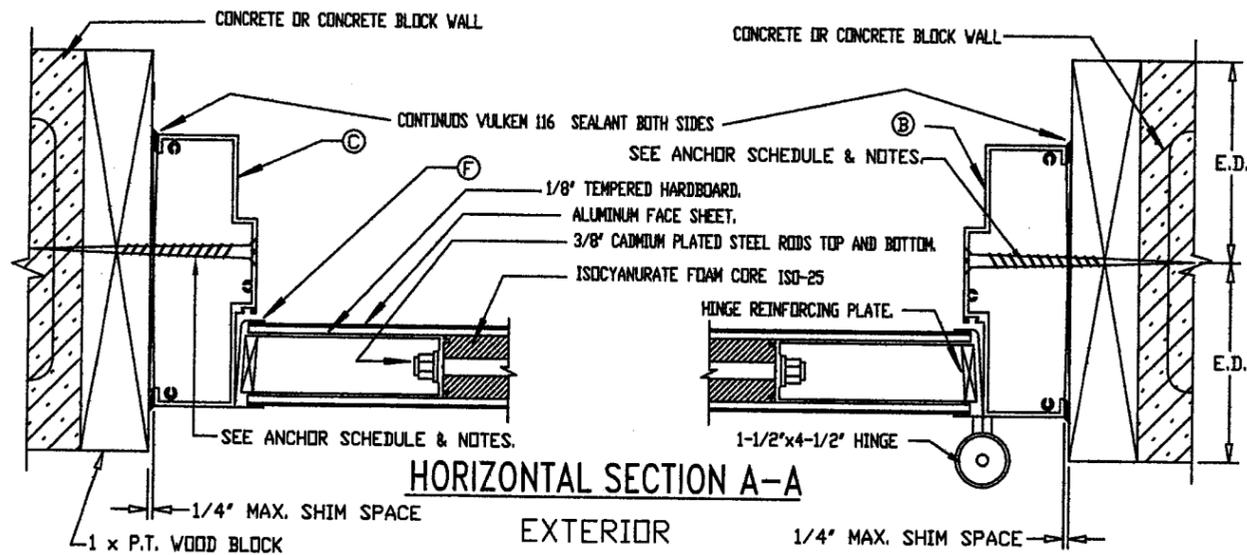
PRODUCT RENEWED
in compliance with the Florida
Building Code
Acceptance No. 06-0613-08
Expiration Date July 19, 2011
By *[Signature]*
Manufacturing Product Control
Division



ALUTECH CORPORATION
8548 NW 64th STREET
MIAMI, FL 33166
PH: 305/593-2080
FAX: 305/591-8481

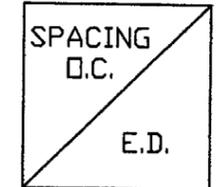
SERIES 200I FLUSH SINGLE OUTSWING ALUMINUM
INSULATED COMMERCIAL DOOR-IMPACT WITH
0.040", 0.063", OR 0.090" ALUMINUM FACE
SHEET AND FR575 OR FR450S ALUMINUM FRAME.
REV: 05/24/06

DATE: 12/15/95	DRAWN BY: P. SARDA
DWG No.: A95214	SHEET No.: 2 OF 7



**MAXIMUM ANCHOR SPACING ("S")
AND MINIMUM E.D. SCHEDULE**

FRAME TYPE	ANCHOR TYPE				
	ELCO TEXTRON INC.		HILTI INC.	WOOD SCREWS	
	1/4"Ø F.H. TAPCON	5/16"Ø F.H. TAPCON	1/4"Ø F.H. KWIK-CON II	18 GAGE 5/16"Ø F.H.	24 GAGE 3/8"Ø F.H.
FR575	2 1/2"	3 1/2"	4"	3"	4 1/2"
	2 1/2"	3 1/8"	2 1/2"	1 1/4"	1 1/2"
FR450S	4 1/2"	6"	8"	5 1/2"	8"
	2 1/2"	3 1/8"	2 1/2"	1 1/4"	1 1/2"



ANCHOR LEGEND

- (1) MINIMUM EMBEDMENT OF ELCO TEXTRON INC. TAPCON INTO MASONRY OR CONCRETE IS 1 1/4".
- (2) MINIMUM EMBEDMENT OF HILTI INC. KWIK-CON II ANCHORS INTO MASONRY OR CONCRETE IS 1 1/4".
- (3) MINIMUM EMBEDMENT OF WOOD SCREWS INTO WOOD IS 1 1/2".
- (4) SEE FRAME ELEVATION WITH ANCHOR SPACING AND LOCATION ON SHEET 5 OF 7.
- (5) WOOD SCREWS SHALL COMPLY WITH 2001 EDITION OF THE NATIONAL DESIGN SPECIFICATIONS.

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166
 Phone: (305)871-1830 Fax: (305)871-1531
 e-mail: tileco@aol.com
 EB-0007:9
 WALTER A. TILLIT Jr. P. E.
 FLORIDA Lic. # 44167

[Signature]

JUN 07 2006

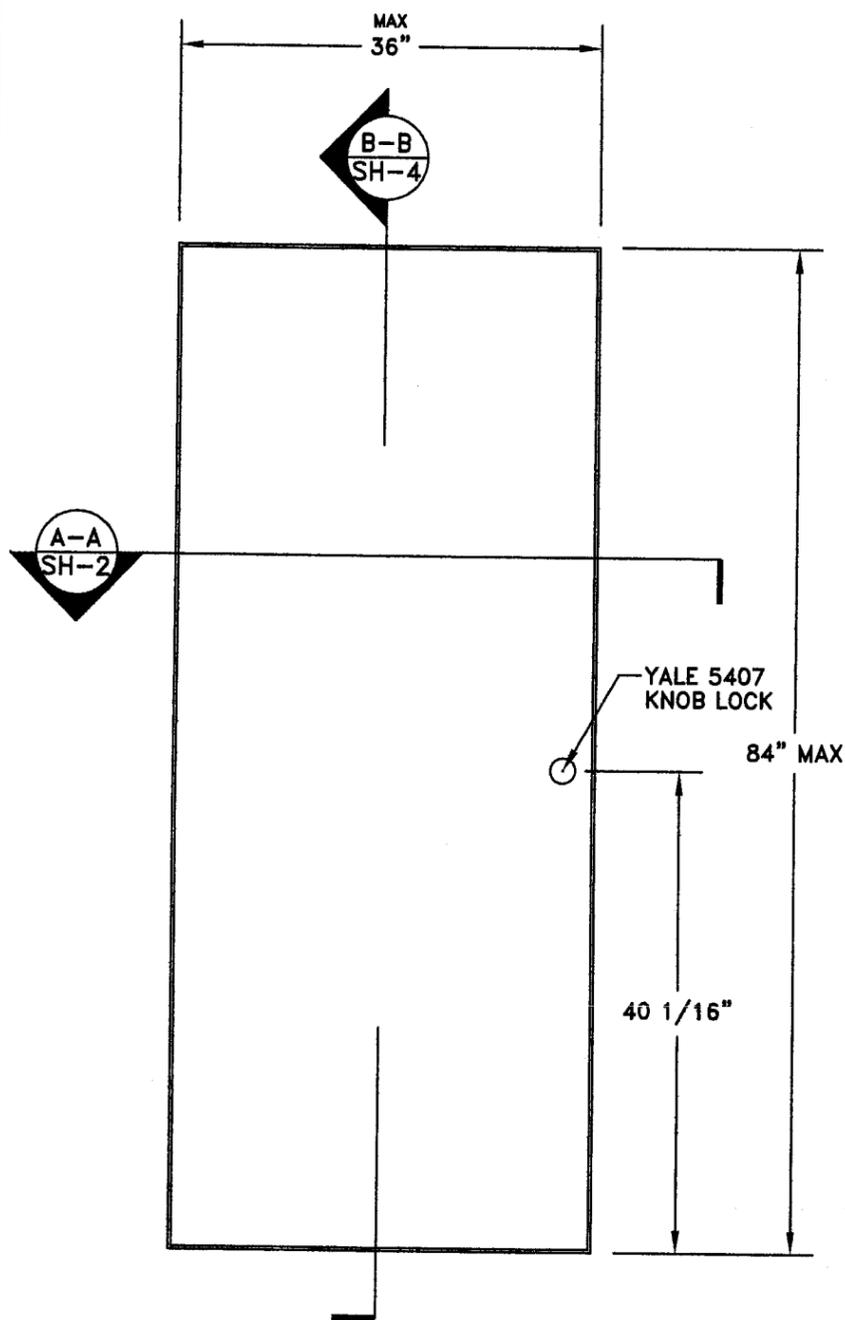
PRODUCT RENEWED
 as complying with the Florida
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 Acceptance No. 06-0613-08
 Expiration Date JULY 15, 2011
 By *[Signature]*
 Miami Trade Product Control
 Division

ALUTECH CORPORATION
 8548 NW 64th STREET
 MIAMI, FL 33166
 PH: 305/593-2080
 FAX: 305/591-8481

SERIES 2001 FLUSH SINGLE OUTSWING ALUMINUM INSULATED COMMERCIAL DOOR-IMPACT WITH 0.040", 0.063", OR 0.090" ALUMINUM FACE SHEET AND FR575 OR FR450S ALUMINUM FRAME.

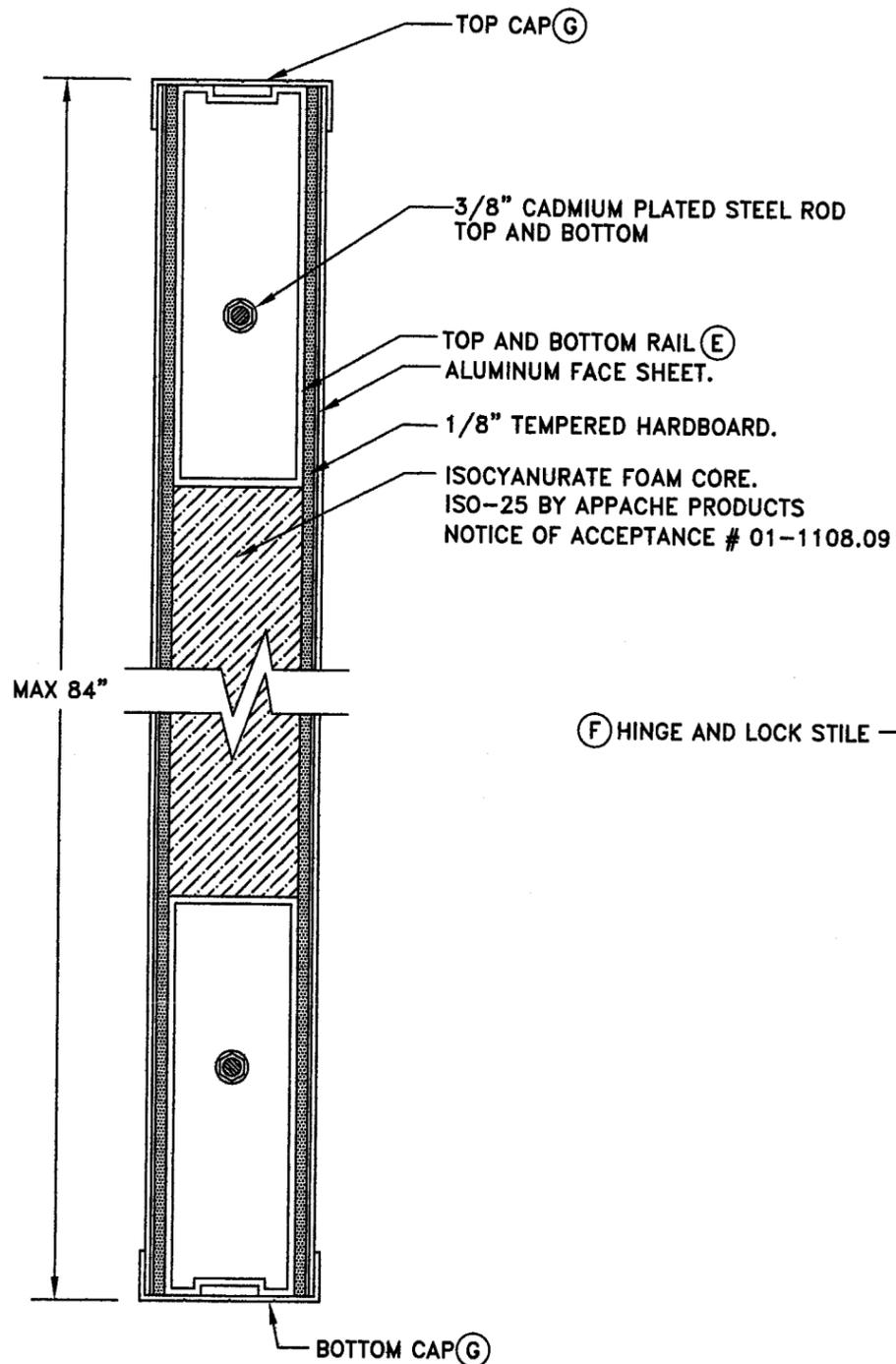
REV: 05/24/06

DATE: 12/15/95	DRAWN BY: P. SARDA
DWG No.: A95214	SHEET No.: 3 OF 7

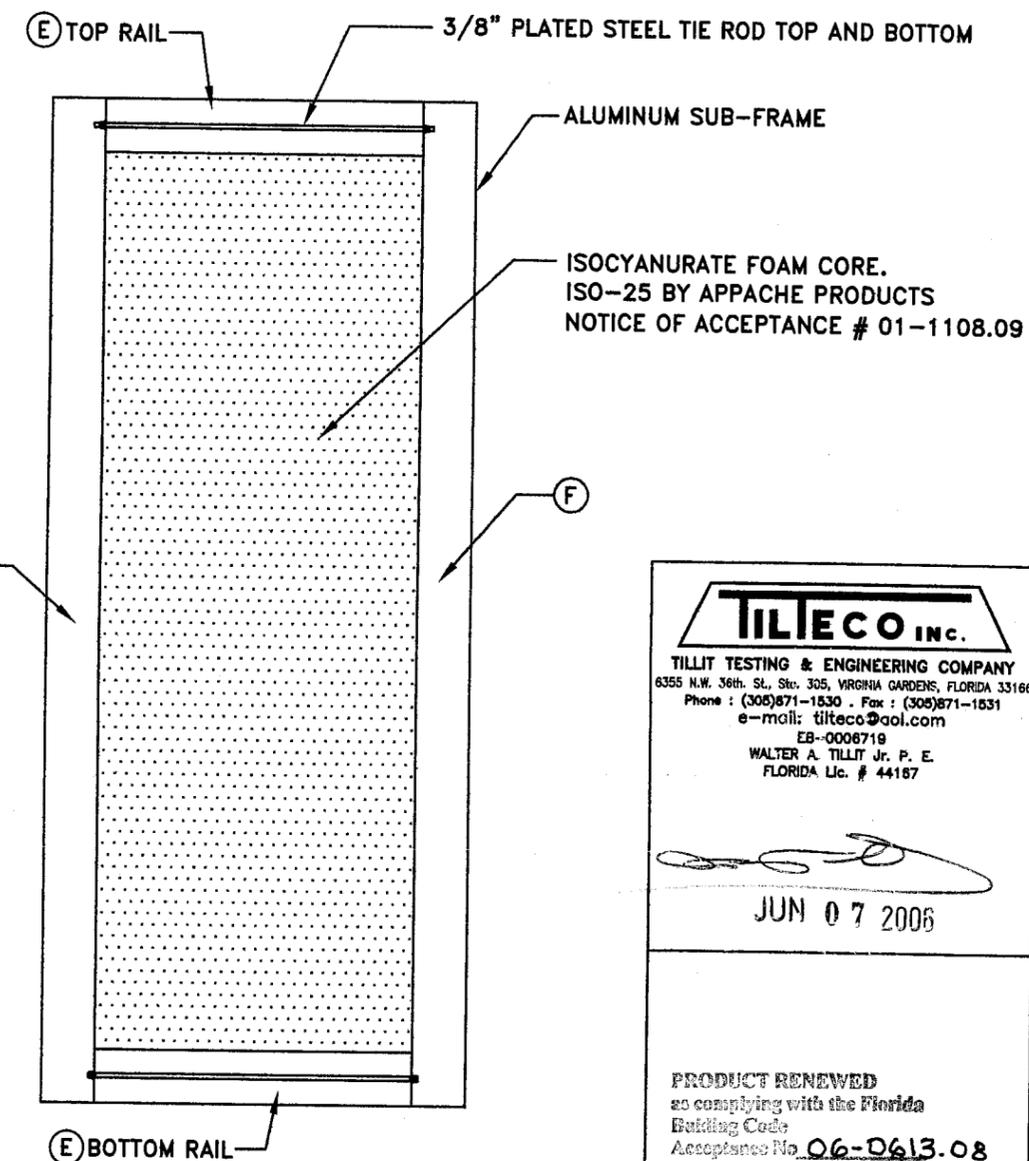


FLUSH ALUMINUM DOOR ELEVATION

DOOR PANEL DETAILS



VERTICAL SECTION B-B



INTERNAL TUBE REINFORCING ELEVATION

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166
 Phone : (305)871-1530 . Fax : (305)871-1531
 e-mail: tilteco@aol.com
 EB-0006719
 WALTER A. TILLIT Jr. P. E.
 FLORIDA Lic. # 44187

[Signature]
 JUN 07 2006

PRODUCT RENEWED
 to comply with the Florida
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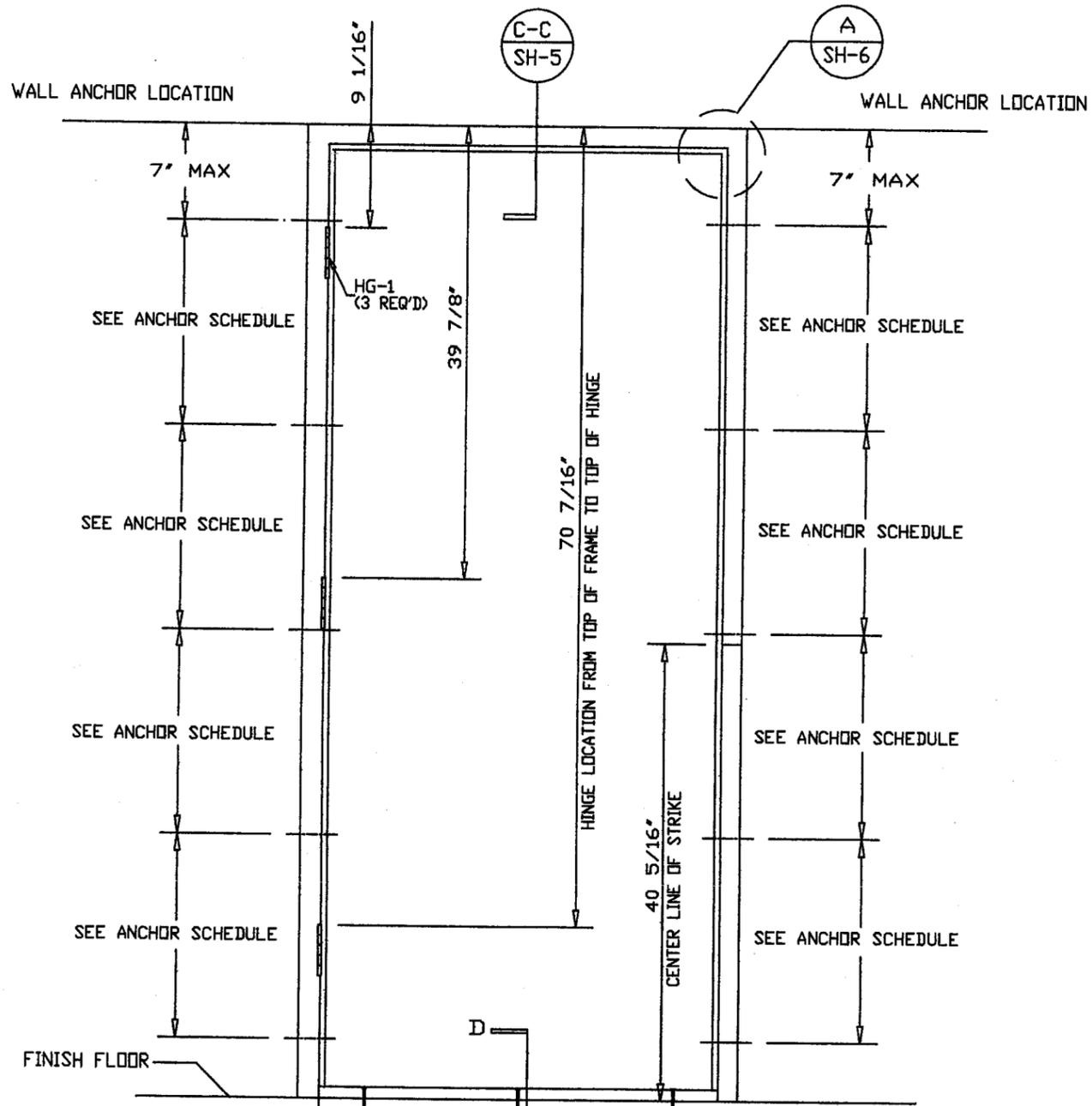
By: *[Signature]*
 Miami Code Product Control
 Division



ALUTECH CORPORATION
 8548 NW 64th STREET
 MIAMI, FL 33166
 PH: 305/593-2080
 FAX: 305/591-8481

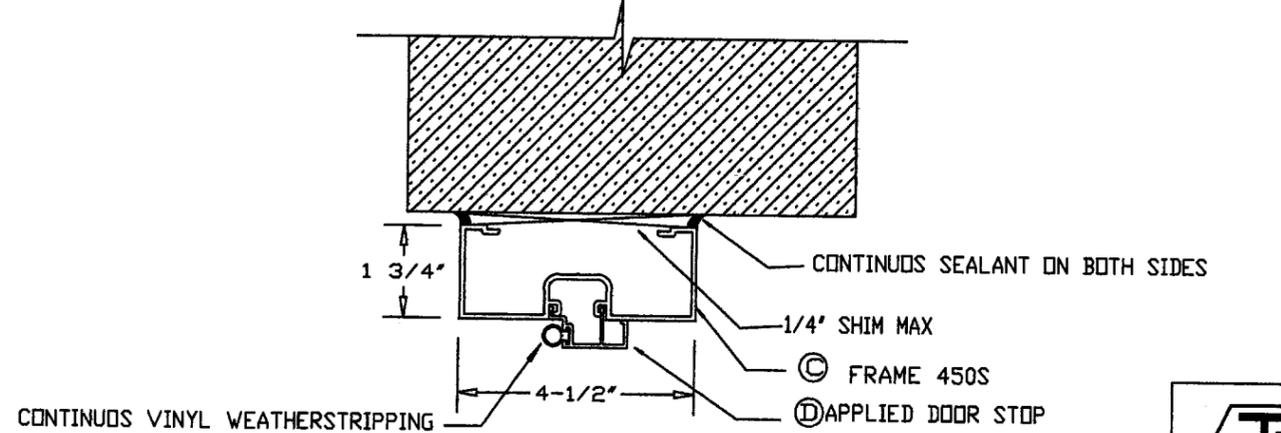
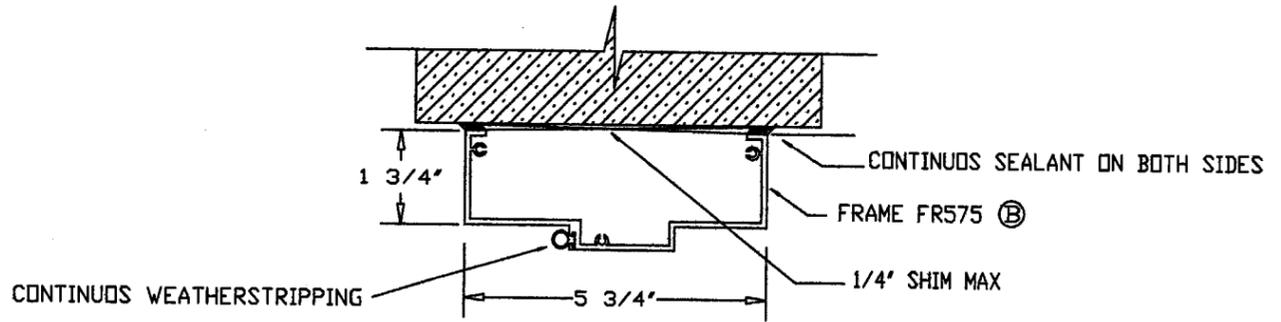
SERIES 200I FLUSH SINGLE OUTSWING ALUMINUM
 INSULATED COMMERCIAL DOOR-IMPACT WITH
 0.040", 0.063", OR 0.090" ALUMINUM FACE
 SHEET AND FR575 OR FR450S ALUMINUM FRAME.
 REV: 05/24/06

DATE: 12/15/95	DRAWN BY: P. SARDA
DWG No.: A95214	SHEET No.: 4 OF 7

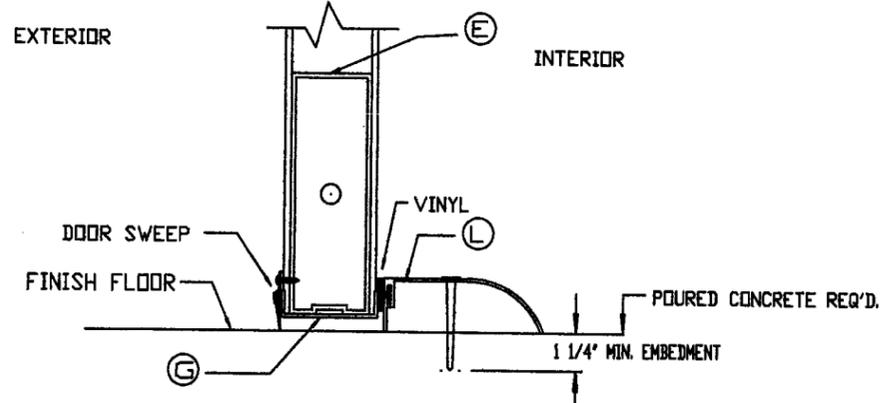


1/4"Ø F.H. ELCO TEXTRON INC.
TAPCON W/ 1 1/4" EMBEDMENT,
7-1/4" FROM END & ONE ON CENTER
THRESHOLD IS NOT ATTACHED TO FRAME

WALL ANCHOR, HINGE & STRIKE LOCATION



SECTIONS C-C

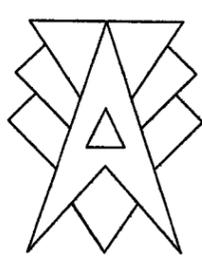


SECTION D-D: BUMPER THRESHOLD

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: tilteco@aol.com
EB-0006719
WALTER A. TILLIT Jr. P. E.
FLORIDA Lic. # 44167

[Signature]
JUN 07 2006

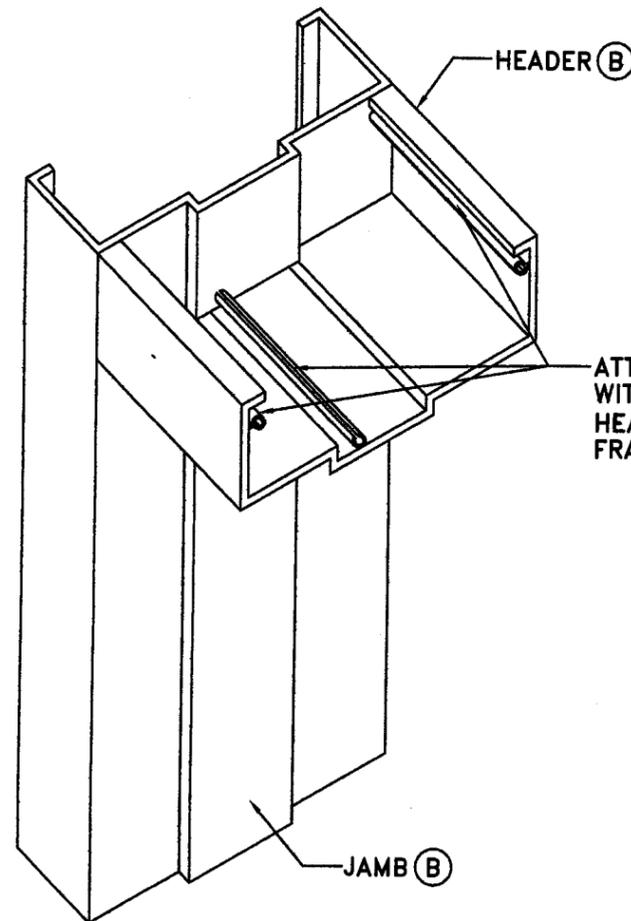
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0613.08
Expiration Date JULY 19, 2011
By: *[Signature]*
Miami Code Product Control
Division



ALUTECH CORPORATION
8548 NW 64th STREET
MIAMI, FL 33166
PH: 305/593-2080
FAX: 305/591-8481

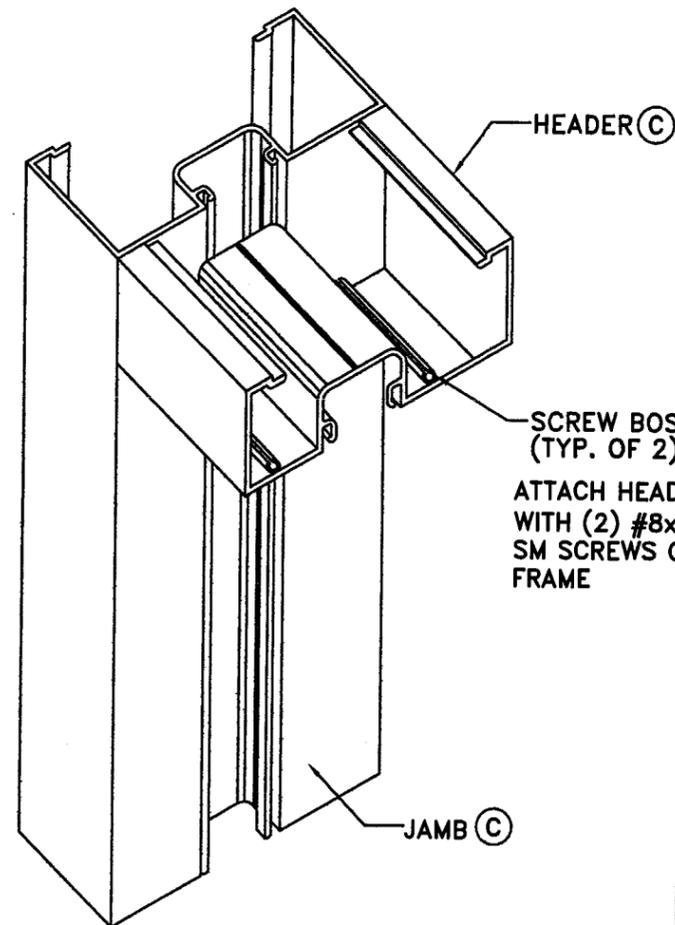
SERIES 2001 FLUSH SINGLE OUTSWING ALUMINUM
INSULATED COMMERCIAL DOOR-IMPACT WITH
0.040", 0.063", OR 0.090" ALUMINUM FACE
SHEET AND FR575 OR FR450S ALUMINUM FRAME.
REV: 05/24/06

DATE: 12/15/95	DRAWN BY: P. SARDA
DWG No.: A95214	SHEET No.: 5 OF 7



ATTACH HEADER TO JAMBS WITH (3) #10 x 1" PAN HEAD SS SM SCREWS ON FR575 FRAME.

FRAME FR575



ATTACH HEADER TO JAMBS WITH (2) #8x1 PAN HEAD SS SM SCREWS ON FR450S FRAME.

FRAME FR450

DETAIL 'A':
CORNER CONSTRUCTION

ALUMINUM FRAME: ALUMINUM DOOR FRAMES SHALL BE SERIES FR575 1-3/4" X 5-3/4" OPEN BACK WITH AN INTEGRAL DOOR STOP OR FR450S 1-3/4" X 4-1/2" OPEN BACK WITH A SNAP ON DOOR STOP.

MATERIAL: FRAME MEMBERS SHALL BE MADE OF 6063-T6 EXTRUDED ALUMINUM ALLOY WITH A MINIMUM WALL THICKNESS OF 0.112" FOR THE FR575 AND 0.090" FOR THE FR450S FRAME AND A MIN. YIELD STRENGTH OF 28,750 PSI. ALL SCREWS AND MISCELLANEOUS FASTENERS SHALL BE STAINLESS STEEL, OR OTHER CORROSION RESISTANT MATERIAL. WEATHERSTRIPPING SHALL BE COMPOUND SANTOPRENE BULB.

CONSTRUCTION: FRAME SHALL BE SQUARED CUT TO PROVIDE NEAT HAIRLINE JOINTS. JAMBS AND HEADER SHALL BE FASTENED WITH STAINLESS STEEL SCREWS. ALL FRAMES SHALL BE MORTISE FOR HINGES AND LOCK STRIKE PLATES. SURFACE MOUNTED HARDWARE SHALL BE DRILLED AND TAPPED IN THE FIELD. HINGE, LOCK AND STRIKE REINFORCING PLATE SHALL BE MADE OF 1/4" ALUMINUM PLATE 6063-T6 ALLOY.

INSTALLATION: INSPECT WALL CONDITION, IF NECESSARY MAKE ANY WALL REPAIRS OR ADJUSTMENTS BEFORE INSTALLATION OF DOOR FRAME. ASSEMBLE DOOR FRAME BY ATTACHING JAMBS TO HEADER USING (3) #10x1" PAN HEAD SCREWS ON THE FR575 AND (2) #8x1 ON THE FR450S" FRAME (DO NOT FILLED JAMBS OR HEADER WITH MORTAR). ERECT FR575 HINGE JAMB TO WALL AND FR450S FRAME TO WALL WITH AS PER ANCHOR SCHEDULE ON SHEET 4 OF 6 STARTING AT 7" FROM TOP. AFTER HINGE SIDE IS INSTALLED START WITH LOCK SIDED AND REPEAT THE SAME PROCEDURE. USE SHIMS AT HINGE AND LOCK SIDE TO PROPERLY LEVELED, SQUARED AND PLUMBED FRAME IF NECESSARY (MAXIMUM SHIM SPACE TO BE 1/4").

HARDWARE: EACH DOOR SHALL BE EQUIPPED WITH (3) 4 1/2" x 4 1/2" x .134" HINGE, ATTACHED TO DOOR AND FRAME WITH (4) 12-24 FLAT HEAD MACHINE SCREW, (1) YALE 5407 CYLINDRICAL LOCK 2-3/4" BACKSET AND 2-1/8" BORE WITH A 4-7/8" STAINLESS STEEL STRIKE PLATE, (1) BUMPER THRESHOLD 1" HIGH. AND (1) DOOR SWEEP #DS-10 OR EQUAL.

PROTECTION & CLEANING: AFTER ERECTION, THE GENERAL CONTRACTOR SHALL ADEQUATELY PROTECT EXPOSED PORTIONS OF ALUMINUM SURFACES FROM DAMAGE BY PLASTER, LIME, ACID, CEMENT, OR OTHER HARMFUL COMPOUNDS. AFTER INSTALLATION, ALL ALUMINUM SHALL BE CLEANED WITH SOAPY WATER OR OTHER MILD CLEANING SOLUTION.

TILECO INC.
 TILIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166
 Phone : (305)871-1830 . Fax : (305)871-1831
 e-mail: tiltaco@col.com
 EB-0008719
 WALTER A. TILIT Jr. P. E.
 FLORIDA Lic. # 44187

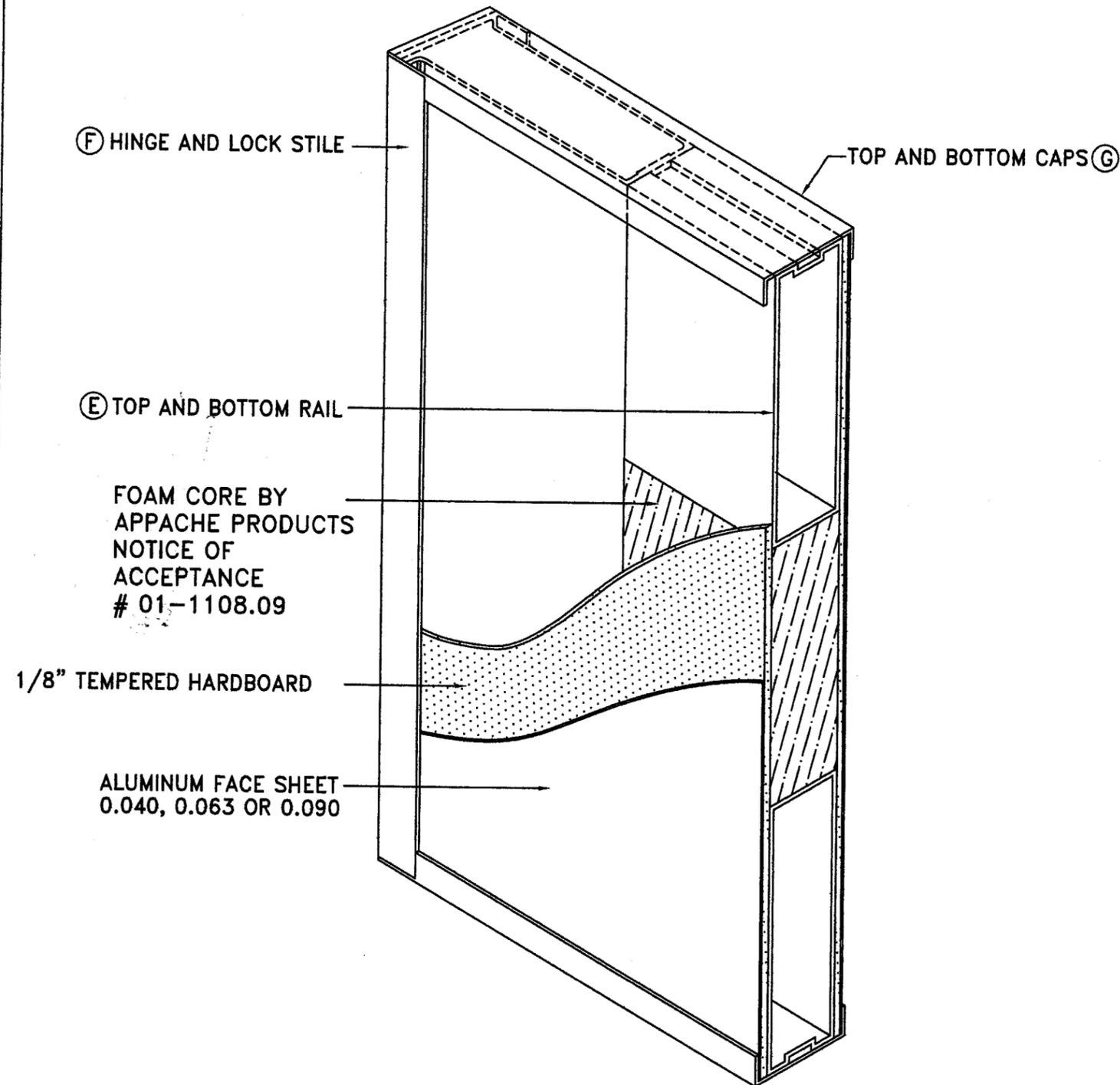
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SERIES 2001 FLUSH SINGLE OUTSWING ALUMINUM INSULATED COMMERCIAL DOOR-IMPACT WITH 0.040", 0.063", OR 0.090" ALUMINUM FACE SHEET AND FR575 OR FR450S ALUMINUM FRAME. REV: 05/24/06	
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FLUSH DOOR: ISOMETRIC

ALUMINUM DOOR: ALUMINUM DOOR TO BE NOMINAL 1-3/4" THICK FLUSH DESIGN, (6063-T6 ALLOY) SERIES 2001. DOOR STILES AND RAILS SHALL HAVE A STRONG, RIGID ALUMINUM SUB-FRAME WITH INTEGRAL EDGE CAPS. THE SUB-FRAME SHALL BE CONNECTED BY A 3/8" STEEL TIE ROD TOP AND BOTTOM. NO SNAP-ON OR APPLIED DOOR EDGES AT HINGE OR LOCK STILES.

FACE SHEET: FACE SHEET SHALL BE ALU. 3003-H14/5005-H34 ALLOY WITH A MINIMUM THICKNESS OF 0.040", 0.063", OR 0.090" WITH A MINIMUM YIELD STRENGTH OF 26,450 PSI. FACE SHEETS SHALL BE CONCEALED UNDER A 1/2" EDGE CAP FULL PERIMETER.

INSULATED CORE: ALL VOIDS BETWEEN SUB-FRAMES SHALL BE FILLED WITH A ISOCYANURATE(ISO-25) RIGID FOAM BOARD AS MANUFACTURED BY APACHE PRODUCTS CO. NOTICE OF ACCEPTANCE # 01-1108.09, WITH AN "R" VALUE OF 9. CORE SHALL BE LAMINATED BETWEEN TWO SHEETS OF 1/8" TEMPERED HARDBOARD FOR IMPACT REINFORCING.

LAMINATION: SUB-FRAME, FACE SHEETS AND INSULATED CORE SHALL BE BONDED TOGETHER WITH A MOISTURE CURE, ONE-PART ADHESIVE AS MANUFACTURED BY MORTON INTERNATIONAL OR EQUAL UNDER PRESSURE TO FORM A WATER, HEAT, AND CHEMICAL RESISTANT BOND.

ALUMINUM SUB-FRAME FULL PERIMETER: 1-3/8" X 4-1/2" SUB-FRAME WITH AN INTEGRAL EDGE CAP AT HINGE AND LOCK EDGE, TOP AND BOTTOM OF DOOR SHALL BE CAPPED TO INSURE PROPER PROTECTION FROM THE ELEMENTS. MINIMUM WALL THICKNESS AT HINGE AND LOCK EDGE SHALL BE 0.125" AND BEVEL 1/8" IN 2". STILE AND RAILS SHALL BE CONNECTED WITH A 3/8" PLATED STEEL TIE ROD TOP AND BOTTOM. OVERALL DOOR TOLERANCE SHALL BE PLUS OR MINUS 1/16". EXTRUSION TOLERANCES SHALL BE AS SET BY THE AMERICAN ALUMINUM MANUFACTURE'S ASSOCIATION.

HARDWARE REINFORCING: HINGE REINFORCING PLATES SHALL BE OF 1/4" X 1" X 7" LONG ALUMINUM PLATE 6063-T6 MOUNTED TO DOOR STILE WITH (4) 12-24 MACHINE SCREWS, LOCK REINFORCING PLATES SHALL BE 1/4" X 1" X 1 1/2" LONG ALUMINUM PLATE 6063-T6 MOUNTED TO DOOR STILE WITH (1) 10-24 MACHINE SCREW.

 <p> TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FLORIDA 33166 Phone : (305)871-1830 . Fax : (305)871-1831 e-mail: tileco@aol.com EB-0008719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44187 </p>	<p> PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. <u>06-0613.08</u> Expiration Date <u>JULY 19, 2011</u> By <i>Manuel Perez</i> Miami Dade Product Control Division </p> <p style="text-align: center;">JUN 07 2006</p>
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