



MIAMI-DADE COUNTY
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)

Alutec United Inc.
P.O. Box 329, 15 Dixon Street
Selbyville, DE, 19975

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Barracuda End Retention Roll-up Door System

APPROVAL DOCUMENT: Drawing No. 07-037 Barracuda End Retention Roll-up Door System, sheet 1 to 6 of 6, dated 03/07/07, prepared by Tilteco Inc., signed and sealed on 03/23/07 by Walter A. Tillit Jr., P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

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

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

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

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

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

The submitted documentation was reviewed by **Mohammed Iqbal Shaikh, P.E.**



Mx
05/11/07

NOA No. 07-0416. 05
Expiration Date: May 31, 2012
Approval Date: May 31, 2007
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 07-037 Barracuda End Retention Roll-up Door System, sheet 1 to 6 of 6, dated 03/07/07, prepared by Tilteco Inc., signed and sealed on 03/23/07 by Walter A. Tillit Jr., P.E.,

B. TESTS.

1. Architectural Testing Report No. 66443.01-109-18 of 34 pages, dated 01/19/07, signed and sealed on 03/20/07 by Joseph A. Reed, P.E. for Testing Standards TAS 201, TAS 202 and TAS 203.

C. CALCULATIONS

1. Structural calculations for slats, side rails and anchorage connections to concrete or grout filled block jamb or wood frame wall prepared by Tilteco Inc., signed and sealed on 03/23/07 by Walter A. Tillit Jr. P.E.

D. MATERIAL CERTIFICATIONS

Material Certificate letter by the Manufacturer Indalex Aluminum Solutions, dated 03/29/07,

E. STATEMENTS

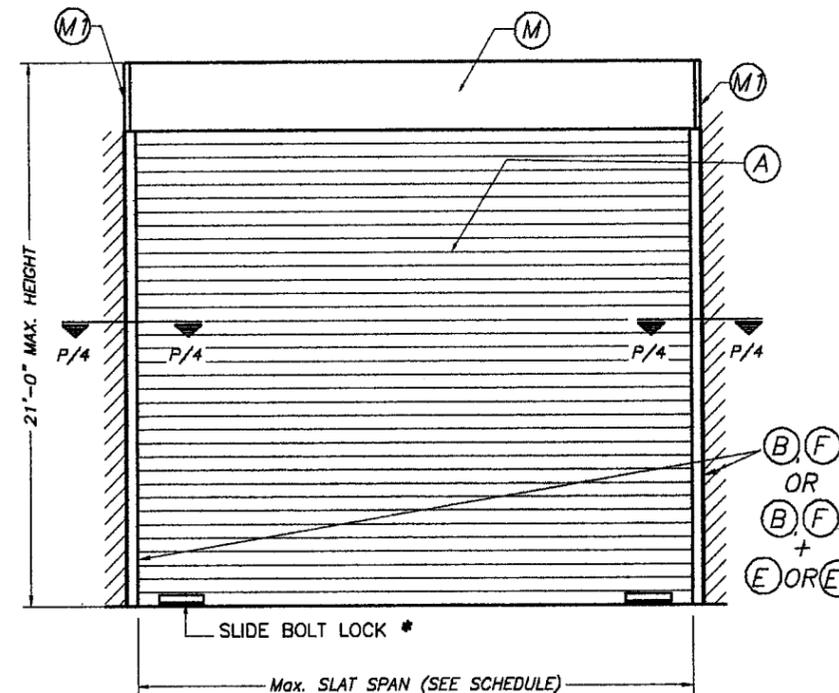
1. 2004 Code Compliance letter and no financial interest letter dated 03/23/07, signed and sealed by Walter A. Tillit Jr., P.E.,



Mohammed Iqbal Shaikh, P.E.
Sr. Building Code Compliance Specialist
NOA No. 07-0416.05
Expiration Date: May 31, 2012
Approval Date: May 31,, 2007

GENERAL NOTES:

- ROLL-UP DOOR SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE WITH THE 2005 AND 2006 SUPPLEMENTS. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. IN ORDER TO VERIFY THAT COMPONENTS AND ANCHORS ON THIS P.A.D. AS TESTED WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. A DURATION FACTOR CD=1.60 WAS USED FOR VERIFICATION OF FASTENERS IN WOOD. ROLL-UP DOOR'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609.1.4 OF THE ABOVE MENTIONED CODE AS PER ARCHITECTURAL TESTING, INC. REPORT # 66443.01-109-18 PER TAS-201, TAS-202 & TAS-203 PROTOCOLS. THIS PRODUCT IS MANUFACTURED AND ERECTED TO EASILY ENCLOSE AN AREA, PROVIDING PROTECTION FROM HURRICANE FORCE WINDS WITHIN THE LIMITATIONS INCLUDED IN THIS P.A.D.
- ALL ALUMINUM EXTRUSIONS SHALL BE MADE OF ALLOYS AND TEMPERS, AS INDICATED ON SHEET 2 OF THIS DRAWING. THE THICKNESS OF ALL EXTRUSIONS SHALL BE AS SHOWN ON THIS DRAWING WITH STANDARD TOLERANCES IN ACCORDANCE WITH THE "ALUMINUM STANDARDS AND DATA 2002 EDITION". ALUMINUM ASSOCIATION INCORPORATED, WASHINGTON D.C.
- EVERY OTHER SLAT (INCLUDING BASE SLAT) SHALL INCLUDE ONE RETAIN SCREW (C), AISI 304 SERIES STAINLESS STEEL (SEE SHEET 2).
- ALL SCREWS (EXCEPT COMPONENT # (C)) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR ITW BUILDEX CORROSION RESISTANT COATED CARBON STEEL TEK SCREWS, AS PER DIN 50018.
- BOLTS TO BE ASTM A-307 GALVANIZED STEEL OR AISI 304 SERIES STAINLESS STEEL, WITH 35 ksi MINIMUM YIELD STRENGTH.
- ANCHORS TO WALL FOR SIDE RAILS CONNECTION SHALL BE AS FOLLOWS:
 - (A) TO EXISTING POURED CONCRETE (MIN. $f'_c = 2899$ psi) OR GROUT FILLED CELL ASTM C-90 CONCRETE BLOCK:
 - 5/16" Ø TAPCON XL ANCHORS, AS MANUFACTURED BY ITW/BUILDEX, INC.
 - NOTES:
 - A.1) MINIMUM EMBEDMENT OF ANCHORS INTO POURED CONCRETE OR GROUT FILLED CELL CONCRETE BLOCK IS 2 1/4". NO EMBEDMENT INTO STUCCO SHALL BE CONSIDERED AS PART OF THE REQUIRED EMBEDMENT.
 - A.2) IN CASE THAT PRECAST STONE, PRECAST CONCRETE OR BRICK PANELS, VENEER OR PAVERS BE FOUND ON THE EXISTING WALL, ANCHORS SHALL BE LONG ENOUGH TO REACH THE MAIN SUBSTRATE BEHIND SUCH PANELS. MINIMUM EMBEDMENT SHALL BE AS INDICATED ON NOTE A.1 ABOVE.
 - (B) TO EXISTING WOOD FRAME WALL: MIN. SPECIFIC GRAVITY $G = 0.46$ OR $G = 0.55$ (SEE SCHEDULE)
 - #14 (0.242" O.D.) N.D.S. WOOD SCREWS.
 - NOTES:
 - B.1) MINIMUM EMBEDMENT OF ANCHORS INTO WOOD STUDS SHALL BE 3".
 - B.2) IN CASE THAT PRECAST STONE, PRECAST CONCRETE OR BRICK PANELS, VENEER OR PAVERS BE FOUND ON THE EXISTING WALL, ANCHORS SHALL BE LONG ENOUGH TO REACH THE MAIN SUBSTRATE BEHIND SUCH PANELS. MINIMUM EMBEDMENT SHALL BE AS INDICATED ON NOTE B.1 ABOVE.
 - (C) ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE DOOR IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE. THIS DOOR SHALL ONLY BE ATTACHED TO POURED CONCRETE, GROUT FILLED CELL CONCRETE BLOCK, AND WOOD FRAME BUILDINGS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE EXISTING STRUCTURE IS DESIGNED TO SUPPORT V_x AND V_y FORCES AT BOTH JAMBS. SEE SHEET 6 OF FOR V_x & V_y VALUES.
- THE INSTALLATION CONTRACTOR IS TO SEAL/CAULK ALL DOOR COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING TO PREVENT WIND/RAIN INTRUSION.
- ROLL-UP MECHANISM NOT PART OF THIS APPROVAL, BUT SHALL BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY.
- ROLL-UP DOOR INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.
- (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) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
 - (e) THIS P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



TYPICAL DOOR ELEVATION (EXTERIOR OR INTERIOR)

* Typ. EA. END, INTERIOR, OPTIONAL, ONLY FOR SECURITY PURPOSES.

NOTES:
 1. SEE SHEETS 2 & 3 FOR COMPONENTS NOMENCLATURE.
 2. SEE SECTIONS ON SHEETS 4 & 5
 3. SEE SCHEDULES ON SHEET 6

Approved as complying with the
 Florida Building Code
 Date 05/31/07
 NOA# 07-0416-05
 Miami Dade Product Control
 Division
 By M. Shark

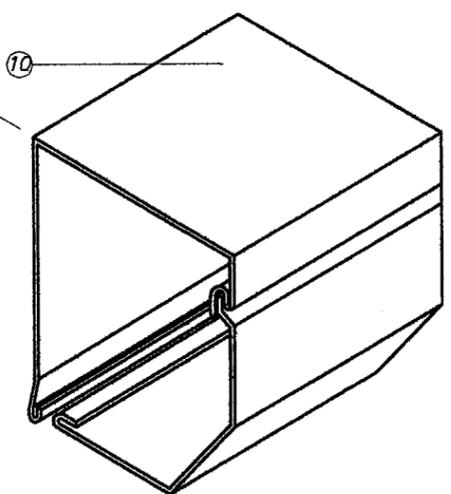
Florida Building Code (H.V.H.Z.)

[Signature]
 MAR 23 2007

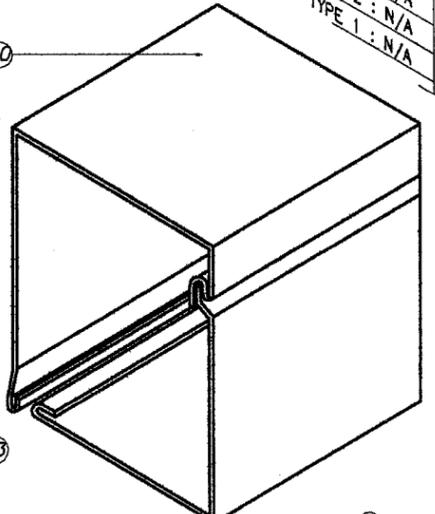
© 2007 TILTECO INC.		BARRACUDA END RETENTION ROLL-UP DOOR SYSTEM		DRAWN BY LA	
TILTECO INC.		ALUTECH UNITED INC.		03/07/07 DATE	
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 e-mail: tilteco@aol.com		15 DIXON STREET SELBYVILLE, DE 19975		07-037 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			3		
2			4		
				SHEET 1 OF 6	

TYPE 10 :	12"
TYPE 9 :	10"
TYPE 8 :	10"
TYPE 7 :	9"
TYPE 6 :	8"
TYPE 5 :	7"
TYPE 4 :	8.5"
TYPE 3 :	6"
TYPE 2 :	N/A
TYPE 1 :	N/A

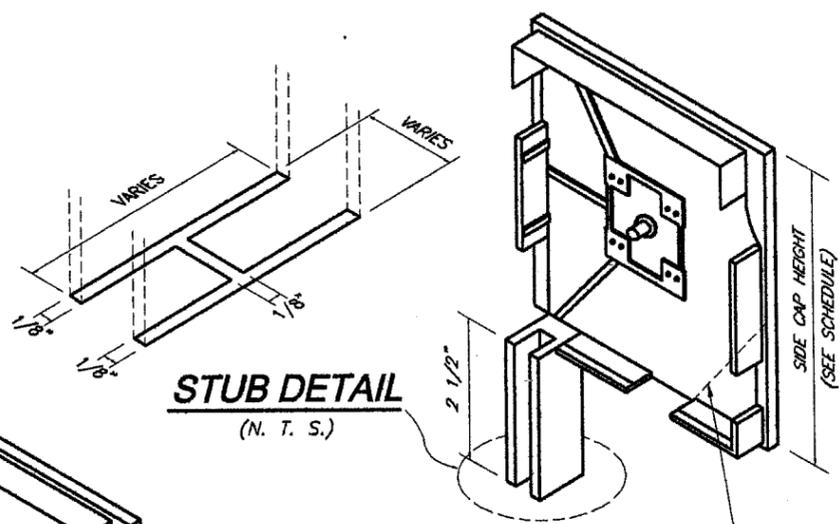
TYPE 10 :	N/A
TYPE 9 :	10"
TYPE 8 :	9"
TYPE 7 :	8"
TYPE 6 :	7"
TYPE 5 :	6.5"
TYPE 4 :	6"
TYPE 3 :	5.5"
TYPE 2 :	5"
TYPE 1 :	4"



**RV 45 & RV 45/S
HOUSINGS**



RV 90 HOUSING



**STUB DETAIL
(N. T. S.)**

(M1) SIDE CAPS:

45° CHAMFER
AS APPLICABLE

COMPONENTS FOR GEAR OPERATED SYSTEM

- ① - GEAR
- ② - UNIVERSAL & CRANK
- ③ - CRANK HOLDER(OPTIONAL)
- ④ - GEAR INSERT(GEAR TO AXLE CONNECTOR)
- ⑤ - IDLER INSERT
- ⑥ - BALL BEARING
- ⑦ - OCTAGONAL AXLE *
- ⑧ - ENTRY GUIDES
- ⑨ - SIDE/END CAP *
- ⑩ - HOUSING(FRONT & BOTTOM), 0.040" THICK
- ⑪ - SIDE RAIL
- ⑫ - PLUG-BUTTONS
- ⑬ - ALUMINUM SLATS
- ⑭ - BASE SLAT
- ⑮ - PLASTIC STOPS(OPTIONAL)
- ⑯ - SIDE LOCKS(OPTIONAL)
- ⑰ - STAPLES(OPTIONAL)
- ⑱ - SPRINGLOCK HANGER
- ⑲ - SAFETY PLATES

* SHALL BE CAPABLE TO SUSTAIN SLAT'S
WEIGHT AND ASSURE LIFTING MECHANISM
(SEE NOTE 9/1)

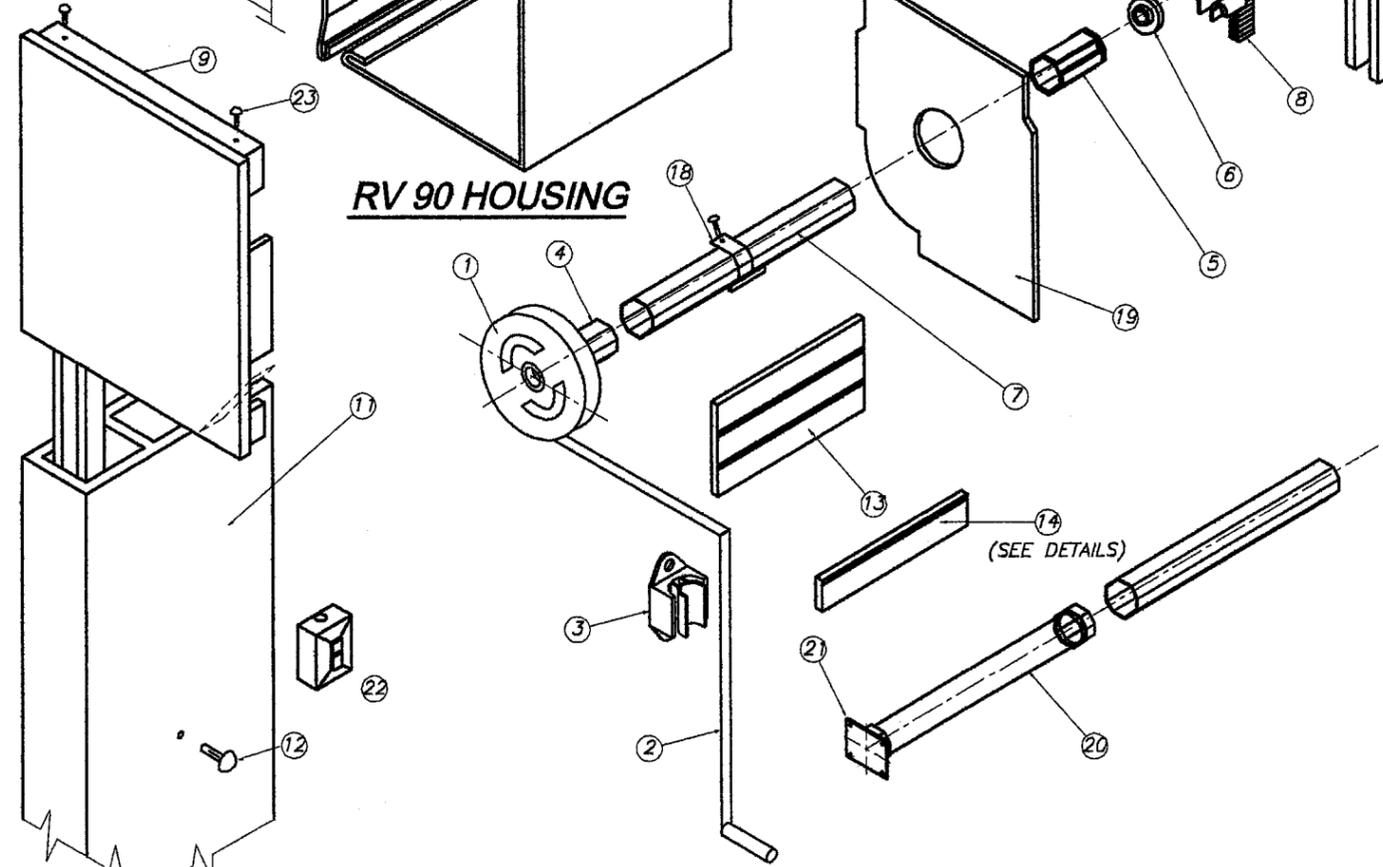
ADDITIONAL COMPONENTS FOR
MOTORIZED OPERATED SYSTEM

- ⑳ - TUBULAR MOTOR
- ㉑ - MOTOR BRACKET
- ㉒ - SWITCH

FASTENERS

- ㉓ - 3/16" ALUMINUM POP RIVETS(6 REQ'D EA.
SIDE CAP) : 2 @ TOP, 2 @ REAR, 2@ BOTTOM

05/31/07
NO. 07-0416.05
Miami Dade Product Control
Division
By *M. Shatt*

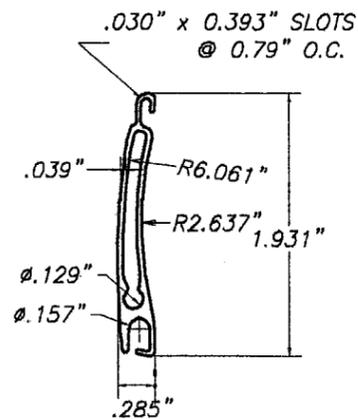


**(M) BOX COMPONENTS AND ASSEMBLY DETAIL
END CAP SYSTEM
(SEE NOTE 9 ON SHEET 1)**

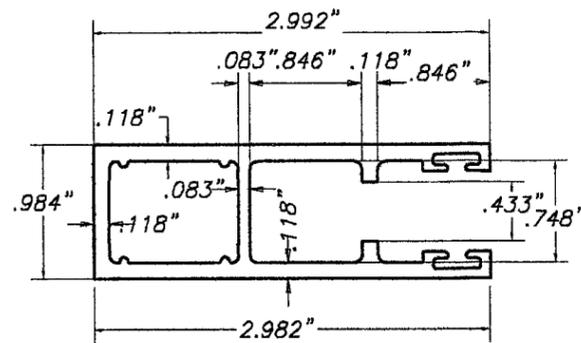
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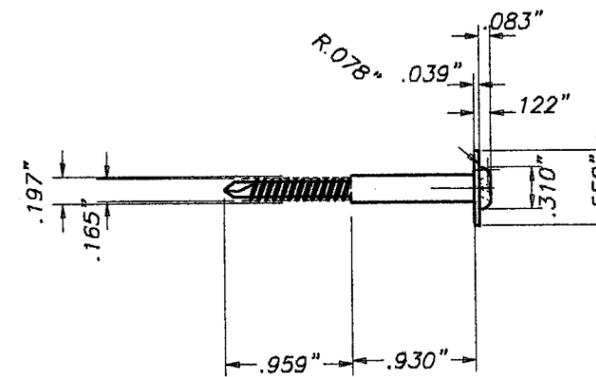
© 2007 TILTECO INC.		BARRACUDA END RETENTION ROLL-UP DOOR SYSTEM		DRAWN BY I.A.	
<p>TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 30th St. Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT, Jr., P. E. FLORIDA Lic. # 44167</p>		ALUTECH UNITED INC.		03/07/07 DATE	
		15 DIXON STREET SELBYVILLE, DE 19975		07-037 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			3		
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					SHEET 3 OF 6



(A) SLAT
6063-T6 ALUMINUM ALLOY
SCALE: 3/4" = 1"

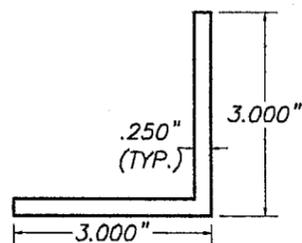


(B) SIDE RAIL
6063-T6 ALUMINUM ALLOY
SCALE: 3/4" = 1"

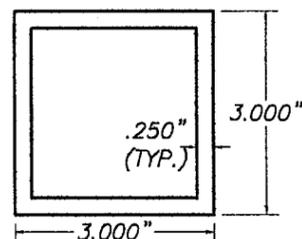


(C) RETAIN SCREW

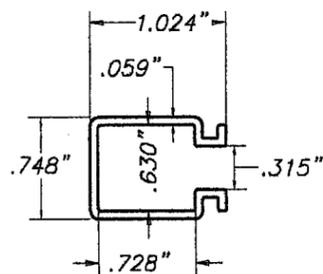
(1 EVERY OTHER SLAT INCLUDING BASE SLAT AND SHALL BE INSTALLED W/A 0.576" MIN. SLIP AS SHOWN ON SECTIONS)
AISI/SAE 304 SERIES STAINLESS STEEL
SCALE: 3/4" = 1"



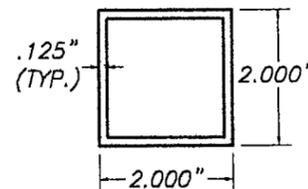
(E) 3"x3"x1/4" INSIDE MOUNT ANGLE
6061-T6 ALUMINUM ALLOY
SCALE: 3/8" = 1"



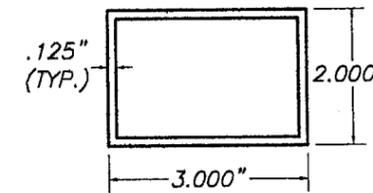
(E1) 3"x3"x1/4" OPTIONAL INSIDE MOUNT TUBE
6061-T6 ALUMINUM ALLOY
SCALE: 3/8" = 1"



(F) END RETENTION CAP
PA-PO ORGALLOY
RETAIN SCREW ENCASEMENT
DENSITY = 0.970 (ASTM D792)
TENSILE STRENGTH = 5400 PSI (ASTM D638)
FLEXURAL MODULUS = 200,000 PSI (ASTM D790)
FLEXURAL STRENGTH = 6300 PSI (ASTM D790)
SCALE: 3/4" = 1"



(G) BUILD-OUT TUBE
6061-T6 ALUMINUM ALLOY
SCALE: 3/8" = 1"



(G1) ALTERNATE BUILD-OUT TUBE
6061-T6 ALUMINUM ALLOY
SCALE: 3/8" = 1"

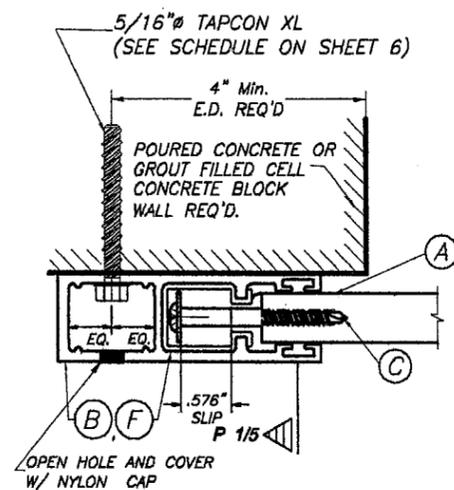
COMPONENTS

Approved as complying with the Florida Building Code
Date: 05/31/07
MIAR: 07-0416.05
Miami Dade Product Control Division
By: M. Thark

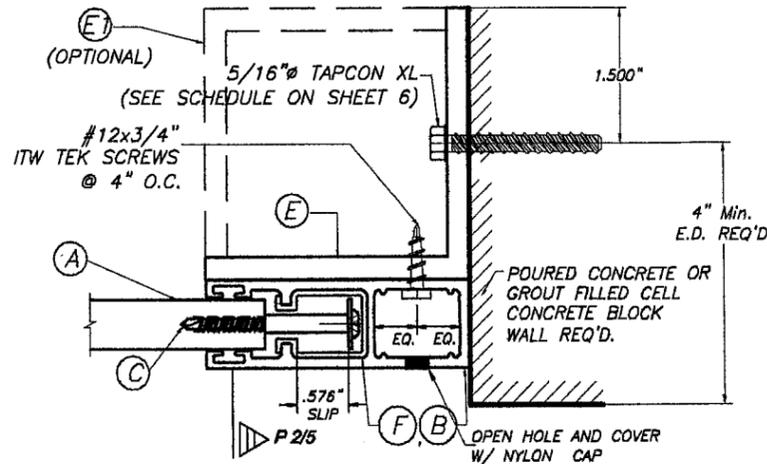
Florida Building Code (H.V.H.Z.)

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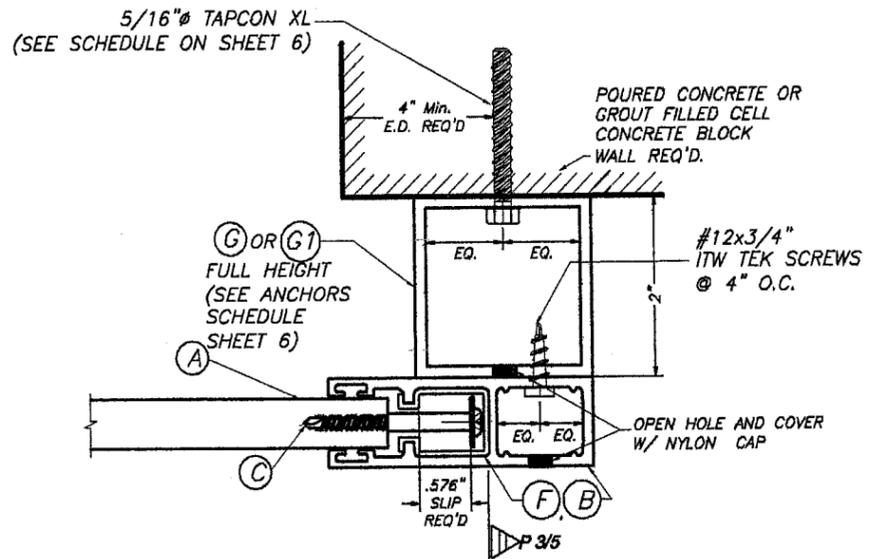
MAR 23 2007



SECTION P-P (1): WALL MOUNT



SECTION P-P (2): INSIDE MOUNT

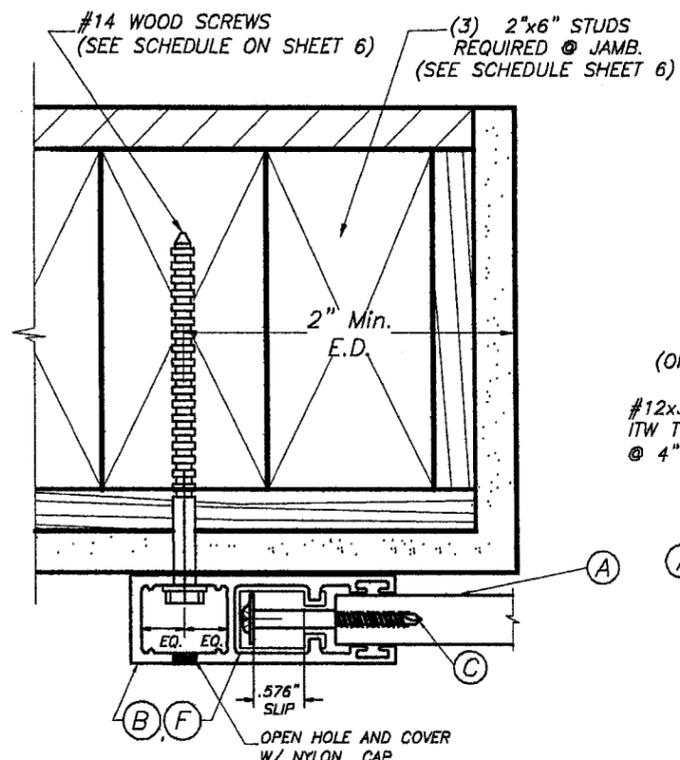


SECTION P-P (3): BUILD-OUT

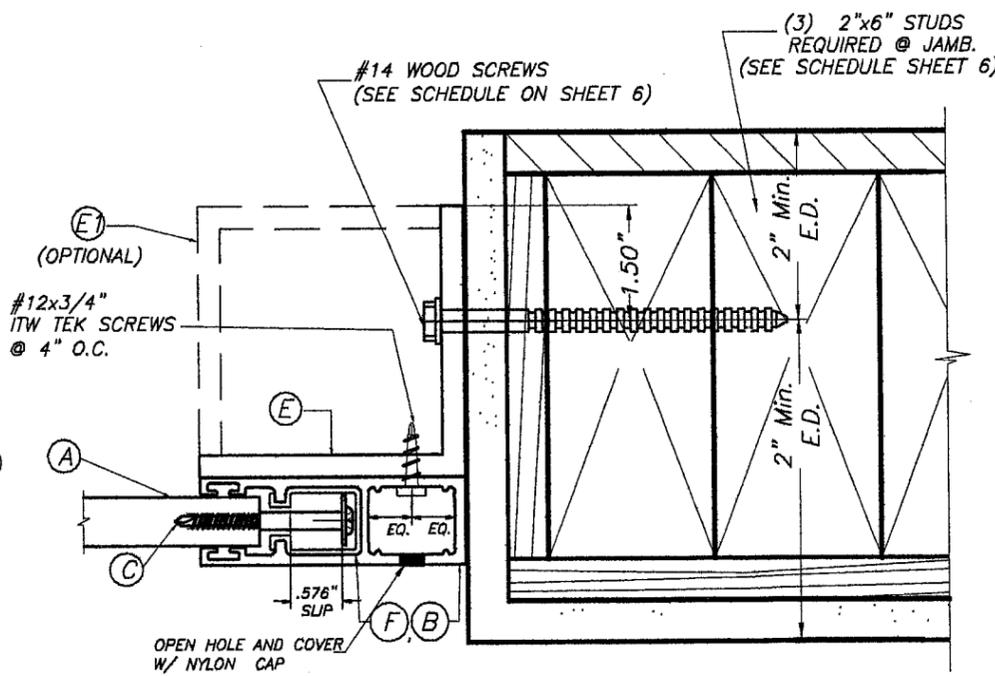
SIDE RAIL CONNECTIONS

TO POURED CONCRETE OR GROUT FILLED CELL CONCRETE BLOCK WALL

SCALE : 3/8" = 1"



SECTION P-P (1): WALL MOUNT



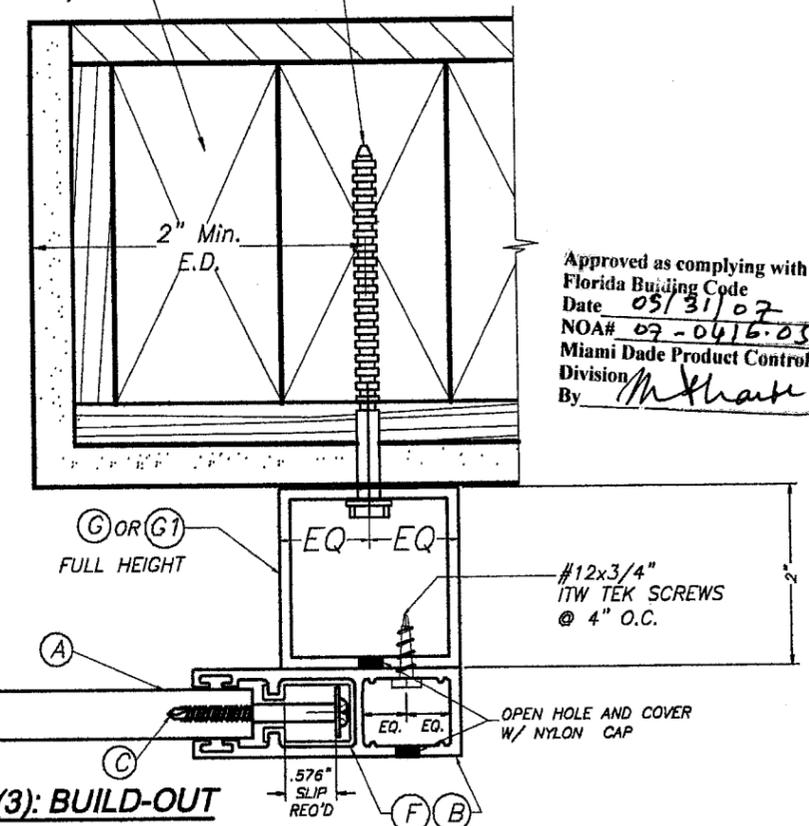
SECTION P-P (2): INSIDE MOUNT

SIDE RAIL CONNECTIONS

TO WOOD FRAME WALL

SCALE : 3/8" = 1"

(3) 2"x6" STUDS † REQUIRED @ JAMB. (SEE SCHEDULE SHEET 6)
 #14 WOOD SCREWS (SEE SCHEDULE ON SHEET 6)



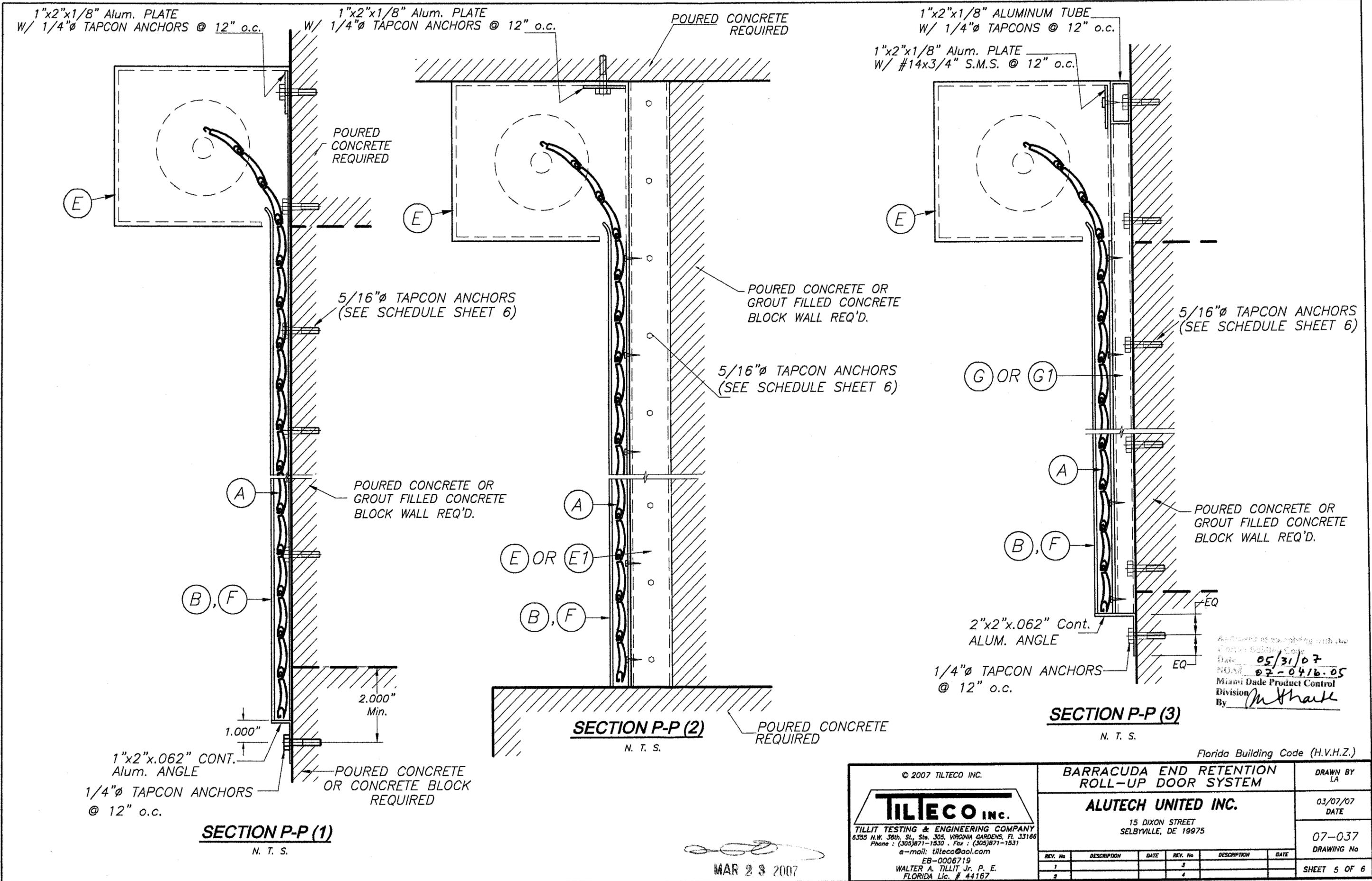
SECTION P-P (3): BUILD-OUT

Approved as complying with the Florida Building Code
 Date 05/31/07
 NOA# 07-0416.05
 Miami Dade Product Control Division
 By *M. Tharte*

Florida Building Code (H.V.H.Z.)

MAR 23 2007

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				07-037 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			3		
2			4		
					SHEET 4 OF 6



1"x2"x.062" CONT. Alum. ANGLE
 1/4" TAPCON ANCHORS @ 12" o.c.
SECTION P-P (1)
 N. T. S.

SECTION P-P (2)
 N. T. S.

2"x2"x.062" Cont. ALUM. ANGLE
 1/4" TAPCON ANCHORS @ 12" o.c.
SECTION P-P (3)
 N. T. S.

Approved as existing with the Florida Building Code
 Date: 05/31/07
 NO. 02-0416-05
 Miami Dade Product Control Division
 By: *[Signature]*

Florida Building Code (H.V.H.Z.)

MAR 23 2007

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TILTECO INC.

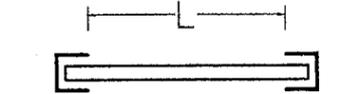
TILLIT TESTING & ENGINEERING COMPANY
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BARRACUDA END RETENTION ROLL-UP DOOR SYSTEM		DRAWN BY LA	
ALUTECH UNITED INC.		03/07/07 DATE	
15 DIXON STREET SELBYVILLE, DE 19975		07-037 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No
1			3
2			4

SHEET 5 OF 6

MAXIMUM SLAT SPAN "L" (ft) SCHEDULE.

DESIGN LOAD (P.S.F)	REQUIRED SUBSTATE	MAX. SPAN "L" (FT.)	REMARKS	SEPARATION *
+45, -45	POURED CONCRETE OR GROUT FILLED CONC. BLOCK.	12'-0"	SEE NOTE 8 ON SHEET 1	8"
	WOOD	12'-0"	SEE NOTE 8 ON SHEET 1	8"
+50, -50	POURED CONCRETE OR GROUT FILLED CONC. BLOCK.	7'-0"	SEE NOTE 8 ON SHEET 1	9 1/2"
	WOOD	7'-0"	SEE NOTE 8 ON SHEET 1	9 1/2"

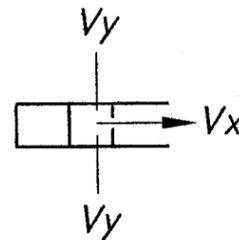


SLAT SPAN DEFINITION

* IN CASE PRODUCT IS USED AS AN HURRICANE ABATEMENT SYSTEM TO PROTECT THE BUILDING ENVELOPE, IT MUST BE INSTALLED AWAY FROM THE BUILDING COMPONENT TO BE PROTECTED NO LESS THAN MINIMUM SEPARATION INDICATED ON SCHEDULE.

Vx & Vy REACTIONS AT JAMB.

MAXIMUM DESIGN LOAD (psf)	MAX. SLAT SPAN	REQ'D SLIP (In)	Vx (Lb/Ft)	Vy (Lb/Ft)
+45.0, -45.0	6'-0"	0.576"	255	135
	7'-0"	0.576"	385	158
	12'-0"	0.576"	971	270
+50.0, -50.0	6'-0"	0.576"	297	150
	7'-0"	0.576"	436	175
	12'-0"	N/A	N/A	N/A



MAXIMUM ANCHOR SPACING SCHEDULE FOR INSTALLATIONS INTO CONCRETE OR GROUT FILLED CONCRETE BLOCK.

DESIGN LOAD (P.S.F)	SPAN L (ft)	WALL MOUNTING		TRAPPED MOUNTING		BUILD-OUT MOUNTING	
		POURED CONCRETE	GROUT FILLED BLOCK	POURED CONCRETE	GROUT FILLED BLOCK	POURED CONCRETE	GROUT FILLED BLOCK
+45, -45	≤ 6'-0"	4"	4"	4"	4"	4"	4"
	>6'-0" TO 7'-0"	4"	4"	4"	4"	4"	4"
	>7'-0" TO 12'-0"	4"	4"	4"	4"	◇ 3 3/4"	◇ 3 3/4"
+50, -50	≤ 6'-0"	4"	4"	4"	4"	4"	4"
	>6'-0" TO 7'-0"	4"	4"	4"	4"	4"	4"

◇ REQUIRES INSTALLATION TO BE PERFORMED ONLY W/ (G1) (2"x3"x1/8") B.O. TUBE.

MAXIMUM ANCHOR SPACING SCHEDULE FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.

DESIGN LOAD (P.S.F)	SPAN L (ft)	WALL MOUNTING		TRAPPED MOUNTING		BUILD-OUT MOUNTING	
		G=0.46	G=0.55	G=0.46	G=0.46	G=0.46	G=0.55
+45, -45	≤ 6'-0"	4"	4"	4"	4"	4"	4"
	>6'-0" TO 7'-0"	4"	4"	4"	4"	4"	4"
	>7'-0" TO 12'-0"	3"	3 1/2"	4"	4"	□ 2 1/2"	3 1/2"
+50, -50	≤ 6'-0"	4"	4"	4"	4"	4"	4"
	>6'-0" TO 7'-0"	4"	4"	4"	4"	4"	4"

□ ALTERNATIVELY, MAX. SPACING MAY BE 3" o.c. IF B.O. TUBE (G1) (2"x3"x1/8") IS USED IN LIEU OF (G) (2"x2"x1/8").

Approved as complying with the Florida Building Code
 Date 05/31/07
 NOA# 07-0416.05
 Miami Dade Product Control Division
 By [Signature]
 Florida Building Code (H.V.H.Z.)

MAR 23 2007

© 2007 TILTECO INC.		BARRACUDA END RETENTION ROLL-UP DOOR SYSTEM		DRAWN BY LA	
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 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		ALUTECH UNITED INC.		03/07/07 DATE	
		15 DIXON STREET SELBYVILLE, DE 19975		07-037 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			3		
2			4		
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