



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Hialeah Aluminum Supply, Inc.
2360 W. 76 Street
Hialeah ,FL 33016

Your application for Notice of Acceptance (NOA) of:

Extruded Aluminum Accordion Shutter

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0214.01
EXPIRES: 07/02/2006

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 04/05/2001

Hialeah Aluminum Supply, Inc.

ACCEPTANCE No. : 01-0214.01

APPROVED : 04/05/2001

EXPIRES : 07/02/2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This renews the Notice of Acceptance No. 98-0303.04, which was issued on July 2, 1998. It approves an aluminum accordion type shutter, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

This aluminum accordion type shutter and its components shall be constructed in strict compliance with the following documents: Drawing No. 97-202 titled "Impact Accordion Shutter", sheets 1 through 5 of 5, prepared by Tilteco Inc., signed and sealed by Walter A. Tillit Jr., P.E., dated July 21, 1997, last revision #1 dated May 6, 1998, bearing the Miami-Dade County Product Control Approval and Renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

All permanent set components, included but not limited to embedded anchor bolts, threaded cones, metal shields, headers and sills, must be protected against corrosion, contamination and damage at all times.

4. INSTALLATION

This aluminum accordion type shutter and its components shall be installed in strict compliance with the approved drawings.

5. LABELING

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

6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance.

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division

Hialeah Aluminum Supply, Inc.

ACCEPTANCE No. : 01-0214.01

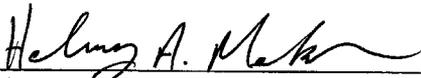
APPROVED : 04/05/2001

EXPIRES : 07/02/2006

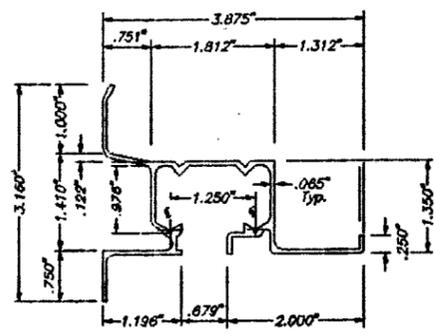
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

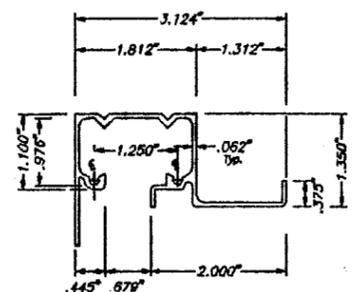


Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division



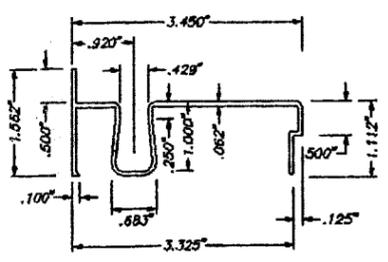
(A) HEADER-WALL MOUNTING

(A) SILL-WALL MOUNTING (INVERTED USE)
SCALE: 3/8" = 1"



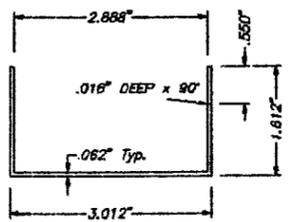
(B) HEADER CEILING MOUNTING

SCALE: 3/8" = 1"



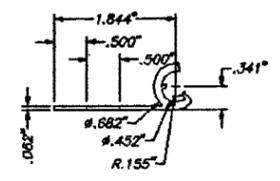
(C) SILL

SCALE: 3/8" = 1"



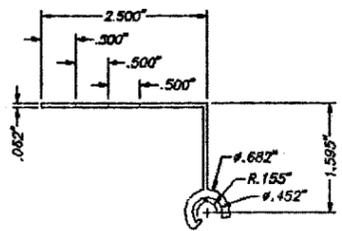
(D) SILL BOTTOM ADAPTER

SCALE: 3/8" = 1"



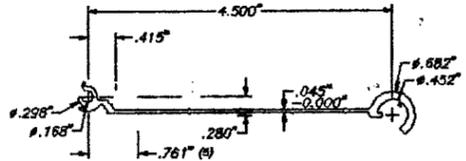
(E) 180° STARTER

SCALE: 3/8" = 1"



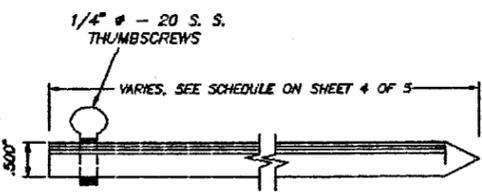
(E1) 90° STARTER

SCALE: 3/8" = 1"



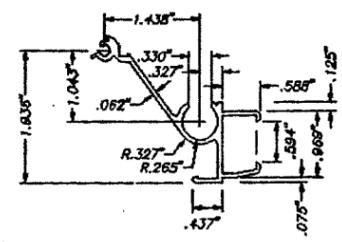
(F) LOUVER BLADE

SCALE: 3/8" = 1"



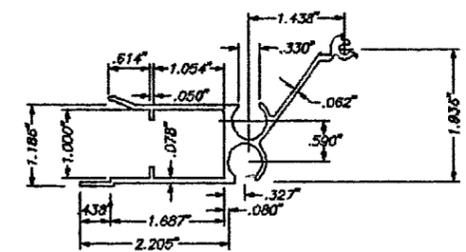
(G) LOCKING PIN

SCALE: 3/8" = 1"



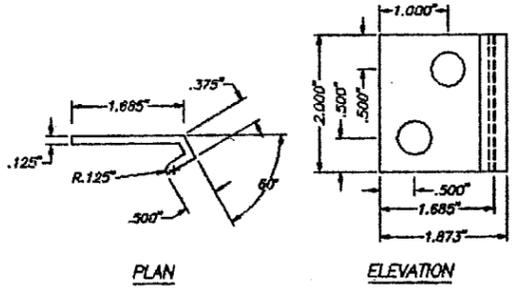
(H) MALE LOCK SLAT

SCALE: 3/8" = 1"



(I) FEMALE LOCK SLAT

SCALE: 3/8" = 1"



(J) LOCK SECURITY

2" LONG
SCALE: 3/8" = 1"

GENERAL NOTES:

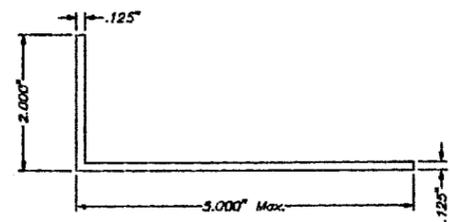
- ACCORDION SHUTTER HAS BEEN DESIGNED IN ACCORDANCE WITH THE DADE COUNTY, 1994 EDITION OF THE SOUTH FLORIDA BUILDING CODE. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 6 OF ASCE 7-88, WITH 110 m.p.h. BASIC WIND SPEED. ACCORDION SHUTTER'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 2315 & 2314 RESPECTIVELY OF THE ABOVE MENTIONED CODE.
- STAINLESS STEEL SHEET METAL SCREWS USED AT LOUVER PIN SHALL BE # 10 x 3", 410-HIT MINIMUM SERIES W/ 135.0 ksi YIELD POINT & 180 ksi TENSILE STRENGTH. SCREWS SHALL BE COATED WITH XYLAN 5000 SERIES FLUOROPOLYMER COATINGS AS MANUFACTURED BY WHITFORD Co, BOX 507, WEST CHESTER PA. 19381.
- ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY (UNLESS OTHERWISE NOTED).
- ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES W/ 50 ksi YIELD POINT AND 90 ksi TENSILE STRENGTH.
- ALL ALUMINUM POP RIVETS TO BE 5052 ALUMINUM ALLOY WITH ALUMINUM MANDREL.
- BOLTS TO BE 2024-T4 ALUMINUM ALLOY GALVANIZED OR STAINLESS STEEL WITH 35 ksi MINIMUM YIELD POINT.
- ANCHORS TO WALL SHALL BE AS FOLLOWS: (UNLESS OTHERWISE NOTED)
 - TO EXISTING POURED CONCRETE:
 - 1/4" # TAPCON ANCHORS, AS MANUFACTURED BY I.T.W. RAMSET OR ELCO INDUSTRIES, INC.
 - 1/4" # RAWL ZAMAC NAILIN ANCHORS, AS MANUFACTURED BY THE RAWL PLUG COMPANY, INC.
 - 1/4" # x 7/8" RAWL CALK-IN AS MANUFACTURED BY THE RAWL PLUG COMPANY, INC.
 - NOTES:
 - MINIMUM EMBEDMENT INTO POURED CONCRETE OF TAPCON ANCHORS IS 1 3/4" AND FOR RAWL ZAMAC NAILIN IS 1 1/2".
 - 7/8" RAWL CALK-IN ANCHORS SHALL BE ENTIRELY EMBEDDED INTO THE POURED CONCRETE. NO EMBEDMENT INTO STUCCO SHALL BE PERMITTED. 1/4" # -20 SCREWS USED SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST AND 1" MINIMUM FOR WALLS WITH NO STUCCO.
 - IN CASE THAT PRECAST STONE, PRECAST CONCRETE PANELS, OR PAVERS BE FOUND ON THE EXISTING WALL OR FLOOR, ANCHORS SHALL BE LONG ENOUGH TO REACH THE MAIN STRUCTURE BEHIND SUCH PANELS. ANCHORAGE SHALL BE AS MENTIONED IN A.1) AND A.2).
 - TO EXISTING CONCRETE BLOCK WALL:
 - 1/4" # TAPCON ANCHORS AS MANUFACTURED BY I.T.W. RAMSET OR ELCO INDUSTRIES, INC.
 - 1/4" # RAWL ZAMAC NAILIN ANCHORS AS MANUFACTURED THE RAWL PLUG COMPANY, INC.
 - 1/4" # x 7/8" RAWL CALK-IN AS MANUFACTURED BY THE RAWL PLUG COMPANY, INC.
 - NOTES:
 - MINIMUM EMBEDMENT OF TAPCON ANCHORS, AND RAWL ZAMAC NAILIN ANCHORS INTO THE CONCRETE BLOCK UNIT SHALL BE 1 1/4".
 - 7/8" RAWL CALK-IN ANCHORS SHALL BE ENTIRELY EMBEDDED INTO THE CONCRETE BLOCK UNIT. NO EMBEDMENT INTO STUCCO SHALL BE PERMITTED. 1/4" # -20 SCREWS USED SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST AND 1" MINIMUM FOR WALLS WITH NO STUCCO.
 - IN CASE THAT PRECAST STONE OR PRECAST CONCRETE PANELS BE FOUND ON THE EXISTING WALL, ANCHORS SHALL BE LONG ENOUGH TO REACH THE MAIN STRUCTURE BEHIND SUCH PANELS. ANCHORAGE SHALL BE AS MENTIONED IN B.1.) AND B.2).
- 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 SHUTTER IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE.
- SHUTTER'S MANUFACTURER STAMP SHALL BE PLACED ON THE EXPOSED SURFACE OF THE FEMALE LOCK SLAT (COMPONENT I). ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABEL SHALL READ AS FOLLOWS: HIALEAH ALUMINUM SUPPLY, INC. HIALEAH, FLORIDA DADE COUNTY PRODUCT CONTROL APPROVED.

PRODUCT RENEWED

ACCEPTANCE No. 01-0214.01
 EXPIRATION DATE 07/02/2006
 By Heather A. M...
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE July 2, 1998
 BY Heather A. M...
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 98-0303.04

COMPONENTS



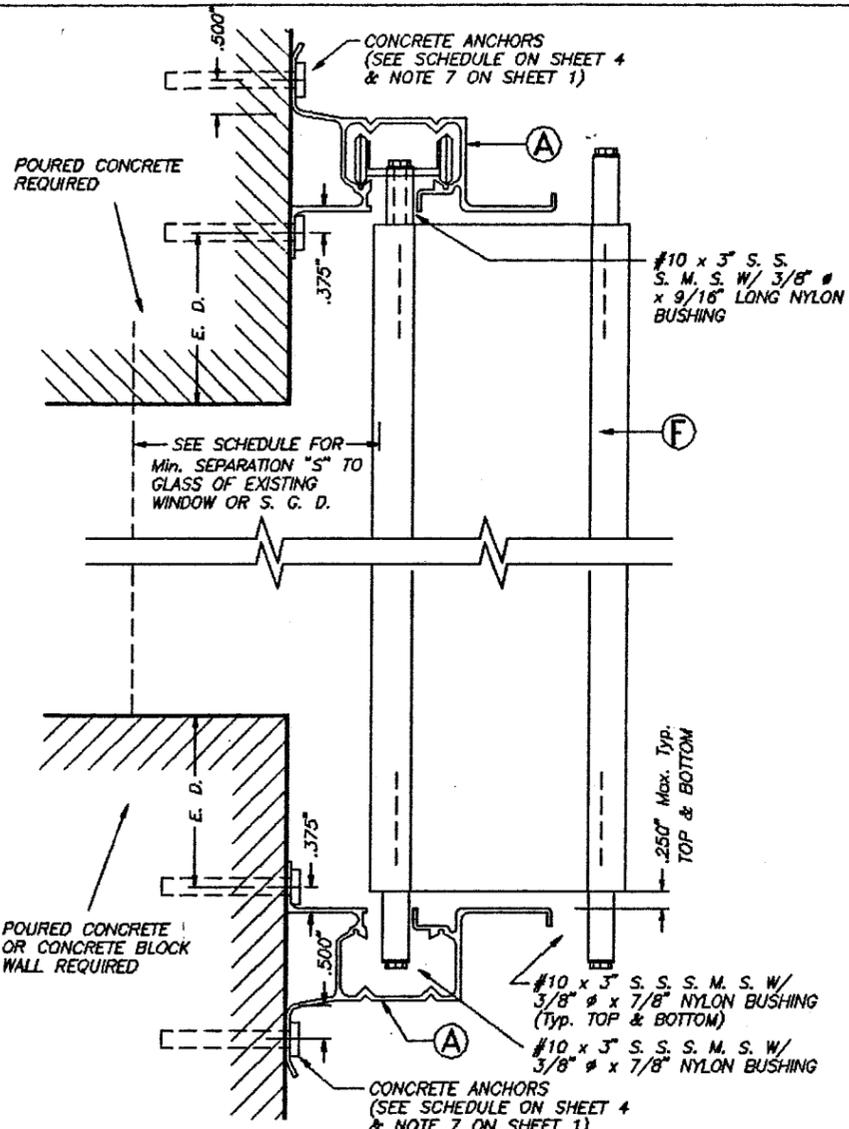
(K) ALUMINUM ANGLE

SCALE: 3/8" = 1"

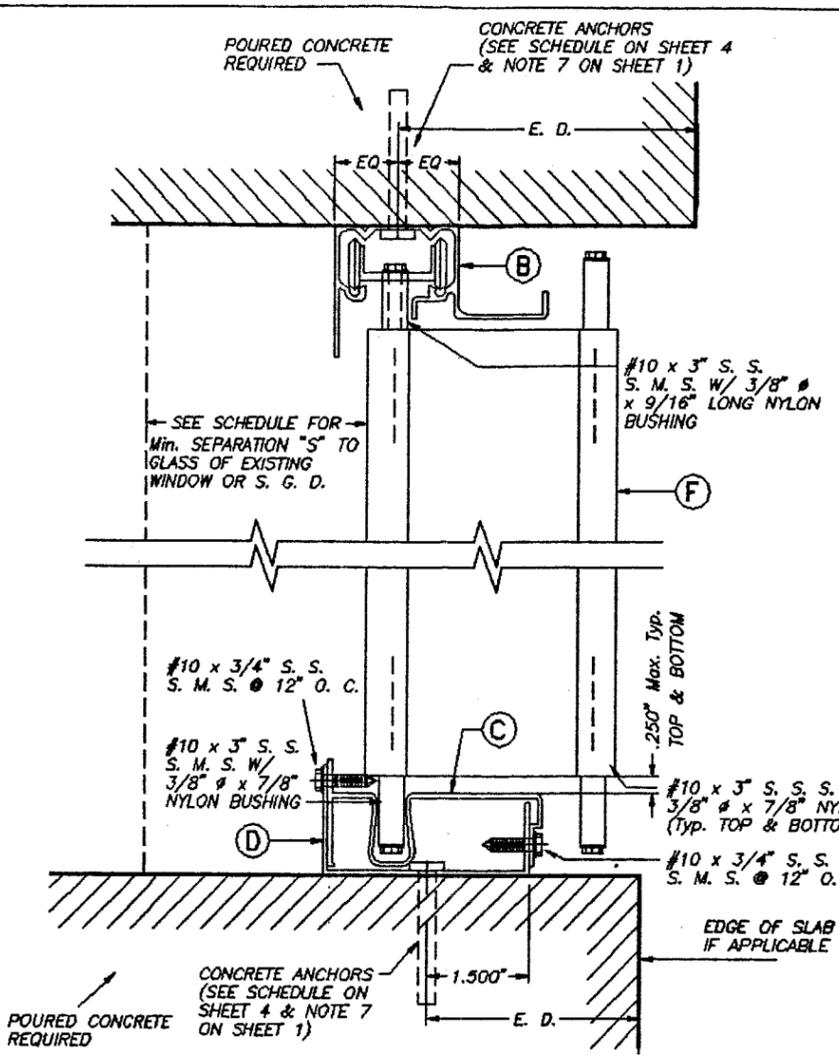
Handwritten signature and date: 7/6/98

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6585 N.W. 38th St., Ste. 217, WIRMIAN GARDENS, FLORIDA 33166
 Phone: (305)871-1530 Fax: (305)871-1531
 WALTER A. TILLIT Jr., P. E.
 FLORIDA Lic. # 44167

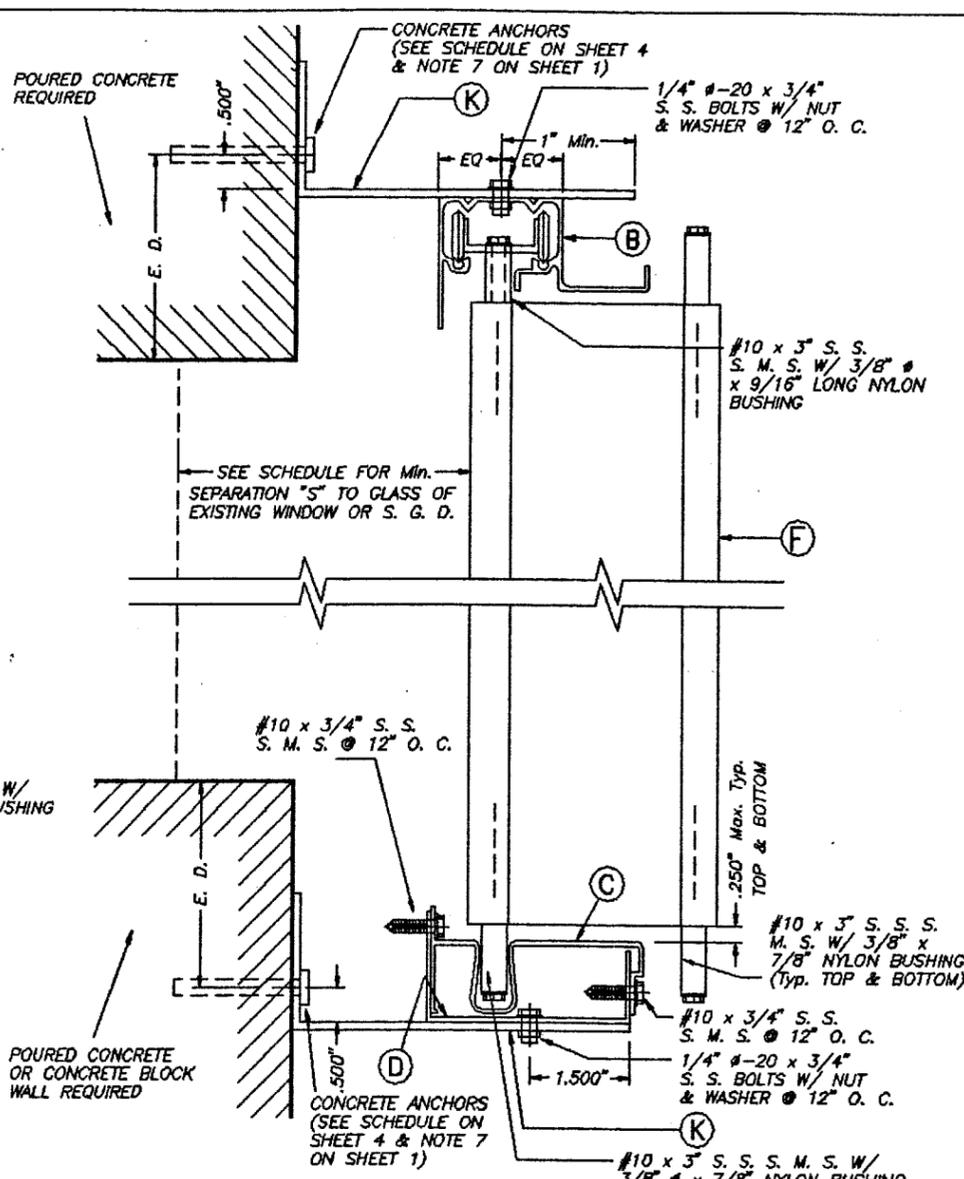
IMPACT ACCORDION SHUTTER		AS SHOWN SCALE
HIALEAH ALUMINUM SUPPLY, INC.		7/21/97 DATE
2360 WEST 78th STREET HIALEAH, FLORIDA 33016		97 - 202 DRAWING No
REV. NO	DESCRIPTION	DATE
1	(A) THICKNESS	3/8/98
2	-	-
SHEET 1 OF 5		DADE COUNTY



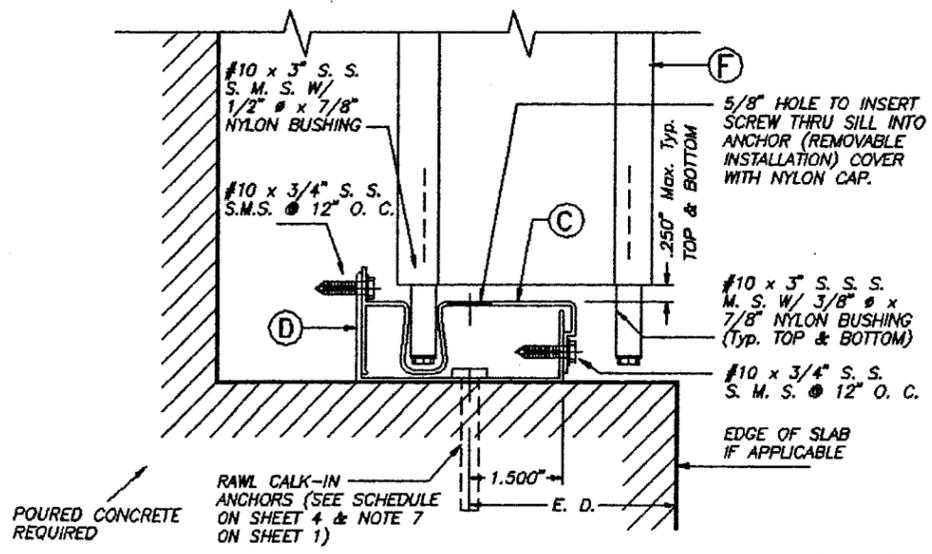
WALL MOUNTING INSTALLATION
- SECTION A SCALE: 3/8" = 1'



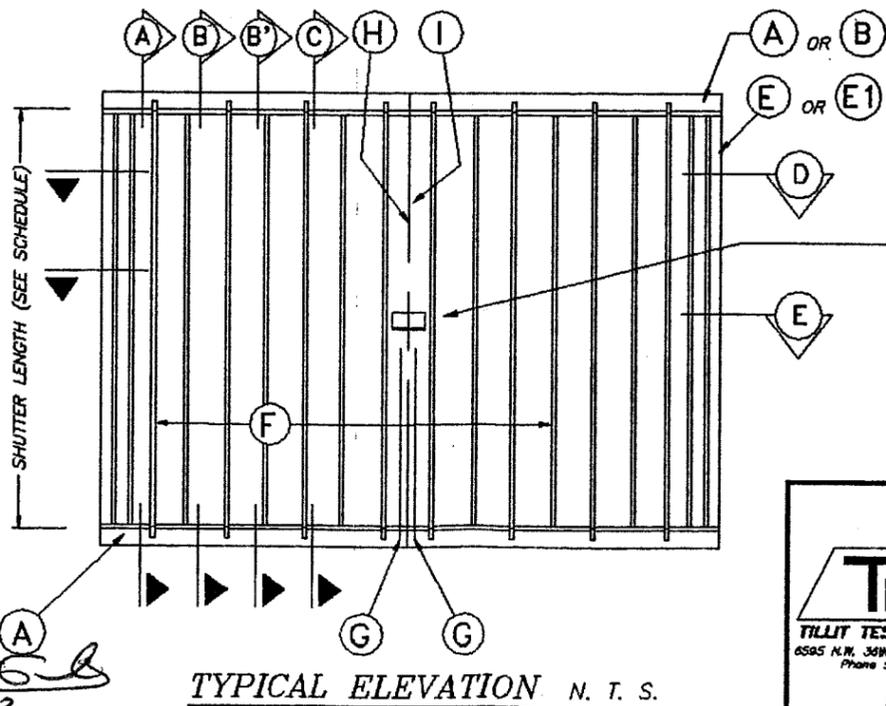
CEILING & FLOOR MOUNT. INSTALLAT.
- SECTION B SCALE: 3/8" = 1'



WALL MOUNTING INSTALLATION (OFFSET)
- SECTION C SCALE: 3/8" = 1'



FLOOR MOUNT. INSTALLAT. - SECTION B'
SCALE: 3/8" = 1'



TYPICAL ELEVATION N. T. S.

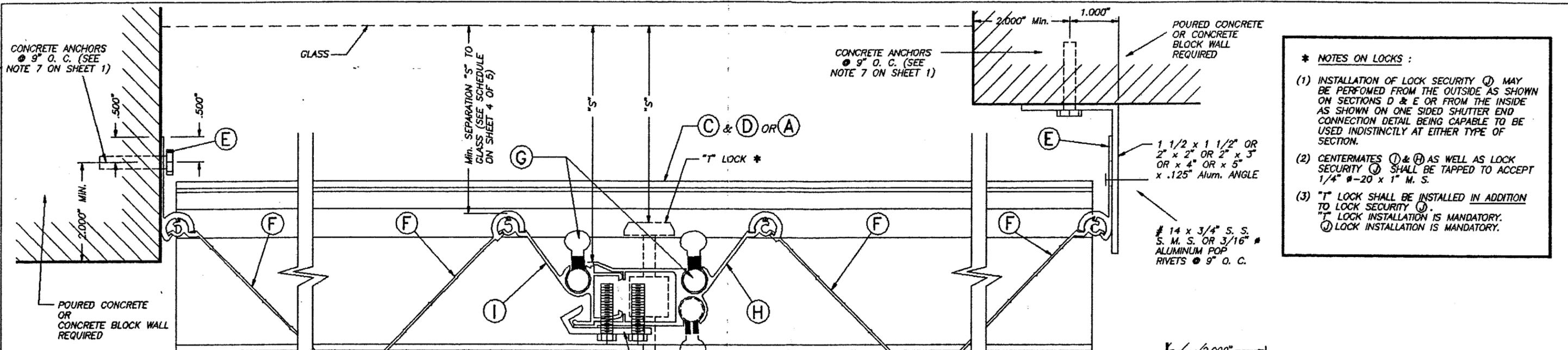
PRODUCT RENEWED
ACCEPTANCE No. 01-0214.01
EXPIRATION DATE 07/02/2006
By *Helmut A. Mark*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE *July 2, 1998*
BY *Helmut A. Mark*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE No. 98-0303.04

 TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6585 N.W. 36th., SUITE 217, VIRGINIA GARDENS, FLORIDA 33166 Phone: (305)871-1530 Fax: (305)871-1531		IMPACT ACCORDION SHUTTER AS SHOWN SCALE			
		HIALEAH ALUMINUM SUPPLY, INC. 2380 W. 76th. STREET HIALEAH, FLORIDA 33016 7/21/97 DATE 97 - 202 DRAWING No			
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	5/6/98	3		
2			4		

WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167

DADE COUNTY



- * NOTES ON LOCKS :**
- (1) INSTALLATION OF LOCK SECURITY ① MAY BE PERFORMED FROM THE OUTSIDE AS SHOWN ON SECTIONS D & E OR FROM THE INSIDE AS SHOWN ON ONE SIDED SHUTTER END CONNECTION DETAIL BEING CAPABLE TO BE USED INDISTINCTLY AT EITHER TYPE OF SECTION.
 - (2) CENTERMATES ① & ② AS WELL AS LOCK SECURITY ③ SHALL BE TAPPED TO ACCEPT 1/4" #20 x 1" M. S.
 - (3) "T" LOCK SHALL BE INSTALLED IN ADDITION TO LOCK SECURITY ③. "T" LOCK INSTALLATION IS MANDATORY. ③ LOCK INSTALLATION IS MANDATORY.

SECTION D :

SCALE: 1/2" = 1"

ONE SIDED SHUTTER: END CONNECTION DETAIL

SCALE: 1/2" = 1"

PRODUCT RENEWED

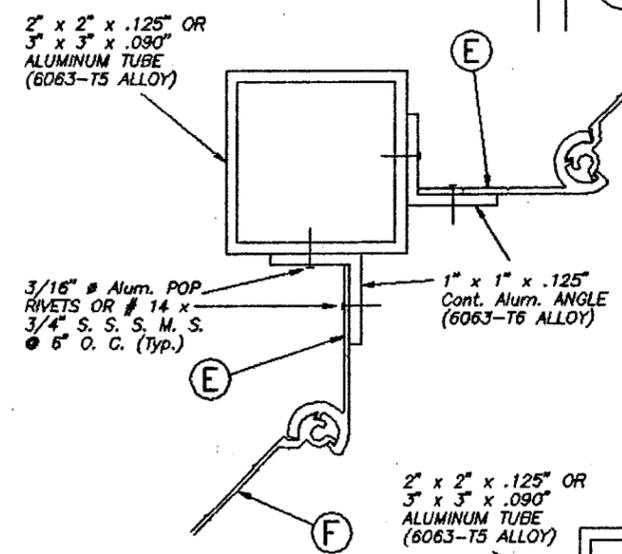
ACCEPTANCE No. 01-0214-01

EXPIRATION DATE 07/02/2006

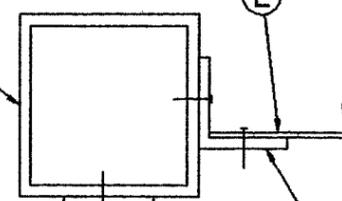
By Helmut A. Mark
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 2 1998
BY Helmut A. Mark
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0303.04

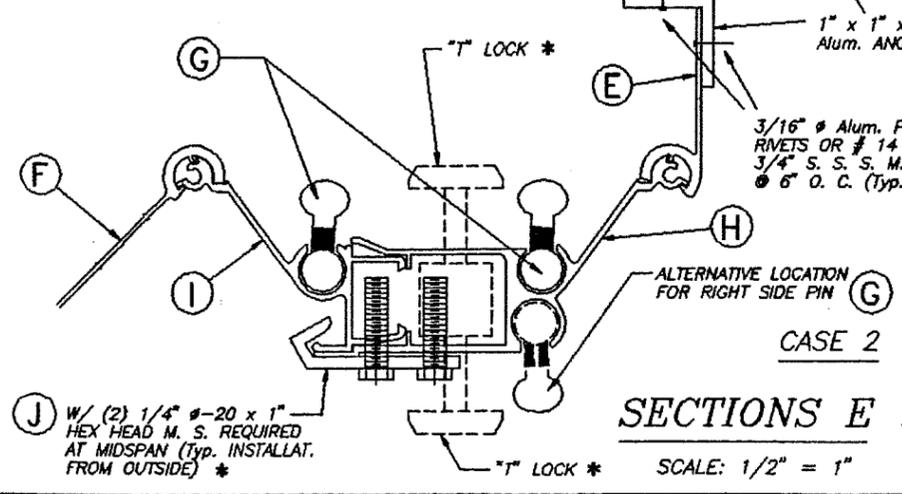
DADE COUNTY



CASE 1



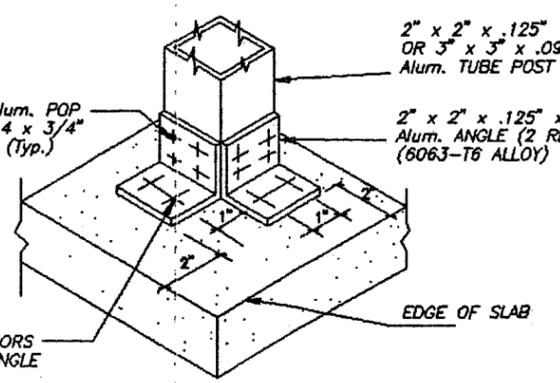
CASE 2



SECTIONS E

SCALE: 1/2" = 1"

Handwritten signature and date: 7/6/98



ISOMETRIC (CORNER POST)

(Typ. AT TOP & BOTTOM SLABS)

TILECO INC.
TILIT TESTING & ENGINEERING COMPANY
6506 N.W. 36th, SUITE 217, VIRGINIA GARDENS, FLORIDA 33168
Phone: (305)871-1530 Fax: (305)871-1531
WALTER A. TILIT Jr., P. E.
FLORIDA Lic. # 44167

IMPACT ACCORDION SHUTTER						AS SHOWN SCALE
HIALEAH ALUMINUM SUPPLY, INC.						7/21/97 DATE
2380 W. 76th STREET HIALEAH, FLORIDA 33018						97 - 202 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 3 OF 5
1	GENERAL	5/16/98	3			
2			4			

**MAXIMUM DESIGN PRESSURE RATING "W" (p. s. f.) WITH CORRESPONDING
MAXIMUM SPAN "L" AND MAXIMUM ANCHOR SPACING (In) SCHEDULE**

MAXIMUM DESIGN LOAD "W" (p.s.f.)	MAXIMUM SPAN "L" (Ft)	MINIMUM SEPARATION "S" (IN.) TO GLASS		APPLICABLE TO SECTIONS (SEE SHEET 2 OF 5) AND ANY COMBINATION OF THEM	MAXIMUM ANCHOR SPACING (In) ***	LOCKING PIN Ⓞ REQUIREMENTS AT CENTERMATES Ⓜ & Ⓛ
		*	**			
+80.0, -91.4	8'-5"	3 1/4"	2"	A, B & C	6" O. C.	TWO 18-1/4" LONG PINS, ONE AT BOTTOM OF EACH LOCK STILE TWO 36" LONG PINS, ONE AT TOP OF EACH LOCK STILE
+55.0, -66.0	>8'-5" TO 11'-2"	4 1/4"	2"	A & B	6" O. C.	TWO 17-3/4" LONG PINS, ONE AT BOTTOM OF EACH LOCK STILE TWO 51" LONG PINS, ONE AT TOP OF EACH LOCK STILE

- * MINIMUM SEPARATION BETWEEN GLASS AND SHUTTER FOR INSTALLATIONS WITHIN THE FIRST 30'-0" ELEVATION OF BUILDING MEASURED AT BOTTOM OF SHUTTER. SEPARATION "S" TO BE MEASURED AS INDICATED ON SECTION D, SHEET 3 OF 5.
- ** MINIMUM SEPARATION BETWEEN GLASS AND SHUTTER FOR INSTALLATIONS ABOVE THE FIRST 30'-0" ELEVATION OF BUILDING MEASURED AT BOTTOM OF SHUTTER. SEPARATION "S" TO BE MEASURED AS INDICATED ON SECTION D, SHEET 3 OF 5.
- *** USE ALWAYS TAPCON, ZAMAC NAILIN OR RAWL CALK-IN ANCHORS WHEN INSTALLING SHUTTERS FOLLOWING WALL MOUNTINGS AS PER SECTIONS A AND C, SHEET 2 OF 5. USE ALWAYS TAPCON AND RAWL CAULK-IN ANCHORS WHEN INSTALLING SHUTTERS FOLLOWING FLOOR AND CEILING MOUNTINGS AS PER SECTION B, SHEET 2 OF 5. NEVER USE ZAMAC NAILINS FOR SECTION B INSTALLATIONS.

- * SEE SHEET 5 OF 5 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.
- ** MAXIMUM ANCHOR SPACINGS ARE VALID FOR 3 1/2" EDGE DISTANCE. FOR E. D. LESS THAN 3 1/2", REDUCE ANCHOR SPACING BY MULTIPLYING SPACINGS SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. (Min. E. D. FOR RAWL CALK-IN ANCHORS & ELCO PANELMATE IS 2 1/2").

ACTUAL E. D.	FACTOR	
	TAPCON/ZAMAC NAILIN	RAWL CALK-IN
3"	.86	.75
2 1/2"	.71	.50
2"	.50	-

Walter A. Tillit Jr.
5/6/98

PRODUCT RENEWED

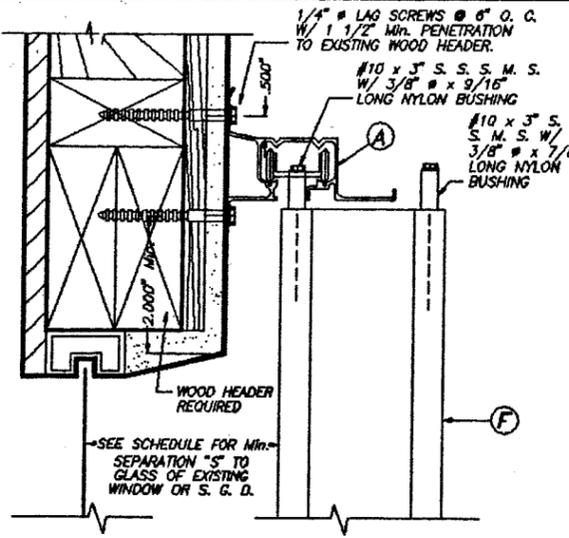
ACCEPTANCE No. 01-0214-01
EXPIRATION DATE 07/02/2006
By Helmy A. Makhadmeh
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JULY 2 1998
BY Helmy A. Makhadmeh
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0303.04

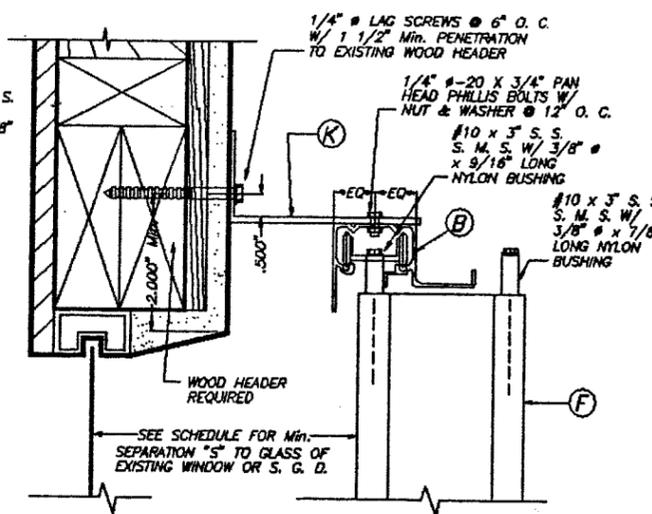
DADE COUNTY

 TILECO INC. <small>TILLIT TESTING & ENGINEERING COMPANY 2595 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FLORIDA 33166 Phone : (305)871-1530 • Fax : (305)871-1531</small>		ACCORDION SHUTTER		AS SHOWN SCALE	
		HIALEAH ALUMINUM SUPPLY, INC. <small>2360 WEST 78th STREET HIALEAH, FLORIDA 33016</small>		7/21/97 DATE 97 - 202 DRAWING No SHEET 4 OF 5	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	SCHEDULE	5/6/98	3		

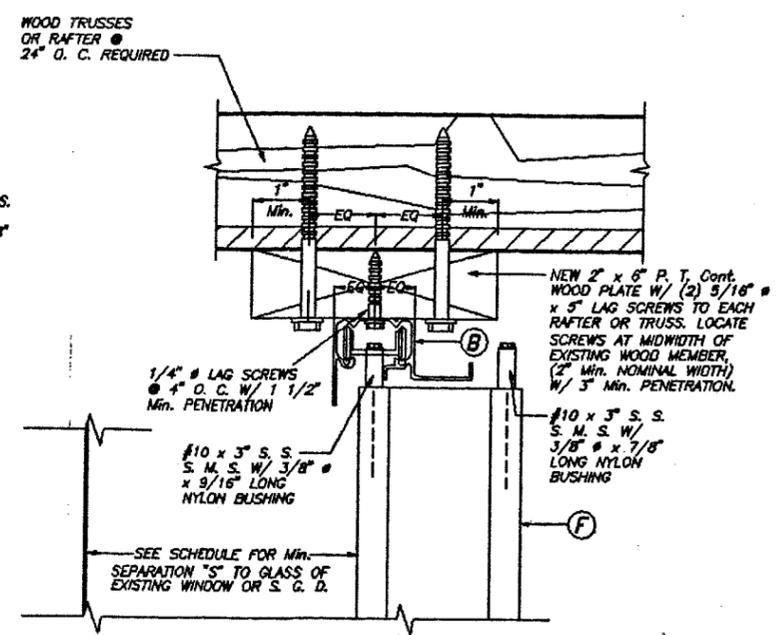
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. # 44167



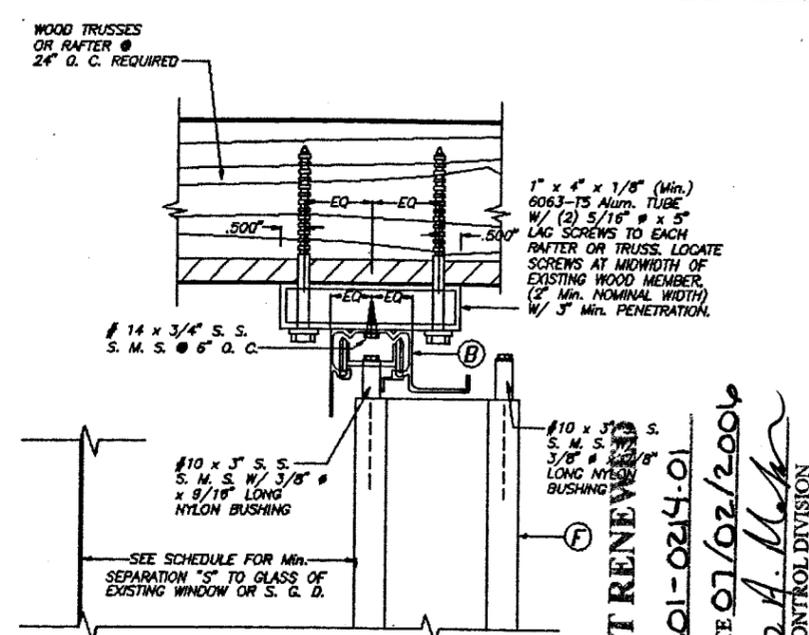
ALTERNATIVE 1



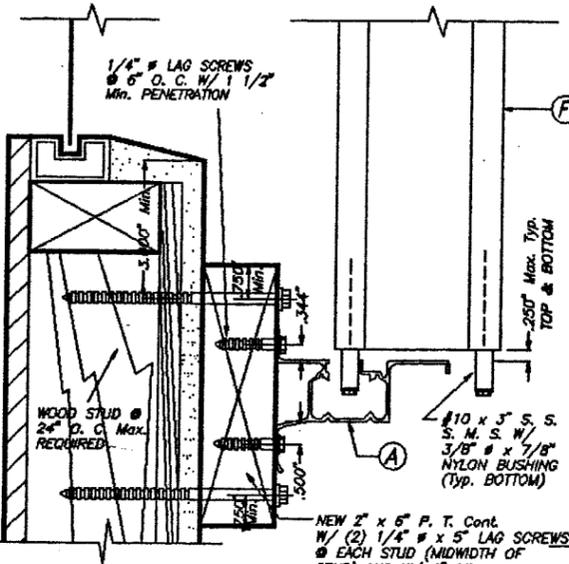
ALTERNATIVE 3



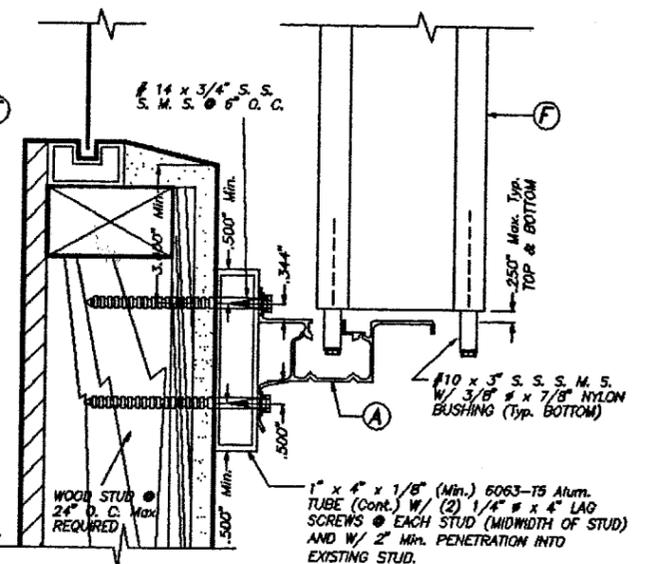
CEILING & FLOOR MOUNTING INSTALLATION - SECTION B



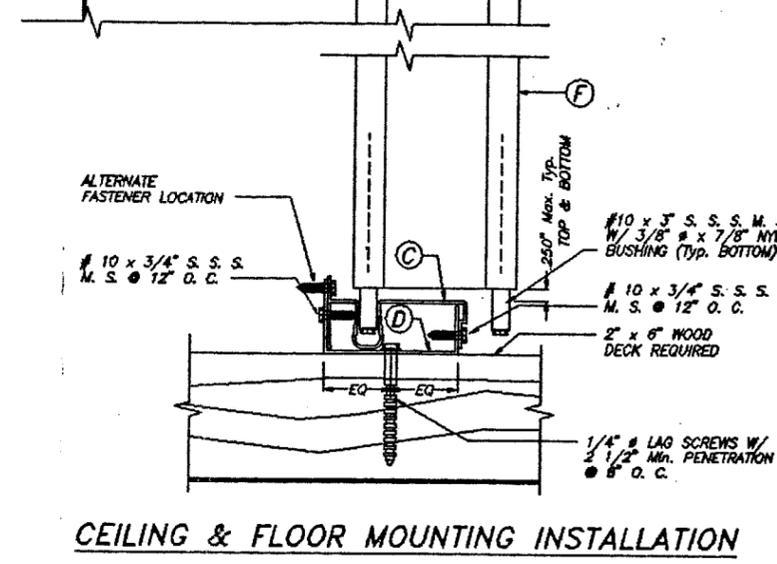
CEILING & FLOOR MOUNTING INSTALLATION - SECTION B1



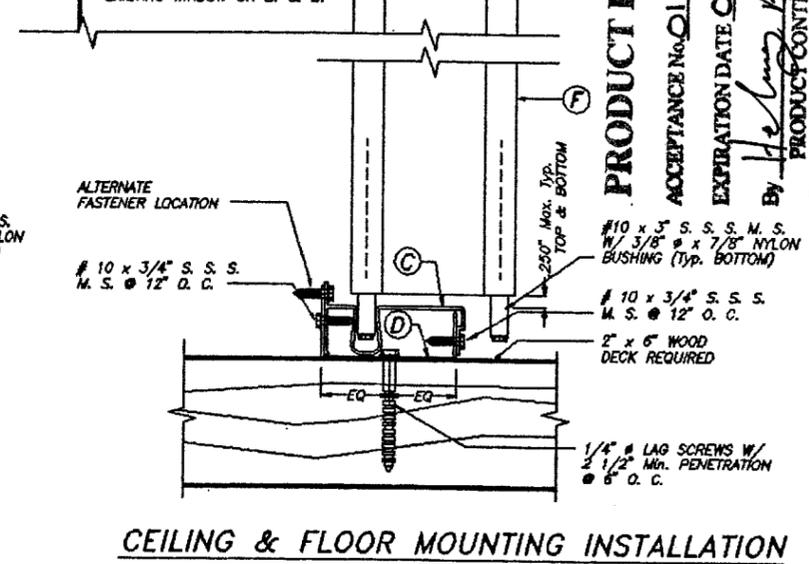
ALTERNATIVE 2



ALTERNATIVE 4



SECTION B



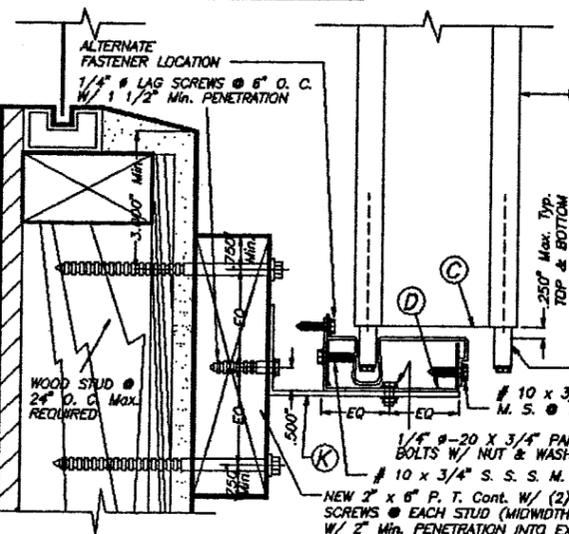
SECTION B1

NOTES:

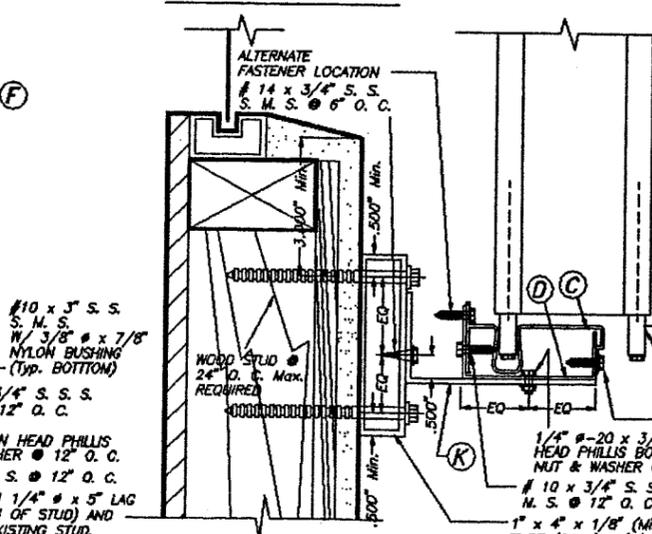
- INSTALLATIONS ARE ONLY VALID FOR INSTALLATIONS WITH DESIGN WIND LOADS LESS OR EQUAL THAN 80 p.s.f. AND 8'-5" Max. SHUTTER SPAN.
- NEW 2" x 6" P. T. TO BE SOUTHERN PINE No. 2, SURFACED DRY WITH 19% M. M. C. W/ SPECIFIC DENSITY OF 0.55.
- FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

NOTE:

SECTIONS A, B & B1 CAN BE COMBINED AS APPLICABLE.



ALTERNATIVE 5



ALTERNATIVE 6

WALL MOUNTING INSTALLATION - SECTIONS A

SCALE: 1/4" = 1"

INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE July 2 1998
 BY *Walter A. Till Jr.*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 98-0303.04
 DADE COUNTY

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 8585 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FLORIDA 33168
 Phone: (305)871-1530 Fax: (305)871-1531
 WALTER A. TILLIT JR., P. E.
 FLORIDA Lic. # 44167

IMPACT ACCORDION SHUTTER		AS SHOWN SCALE	
HIALEAH ALUMINUM SUPPLY, INC.		12/11/97 DATE	
2360 WEST 78th STREET HIALEAH, FLORIDA 33016		97 - 202 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No
1	GENERAL	5/6/98	3
2			4
			SHEET 5 OF 5

PRODUCT RENEWAL
 ACCEPTANCE No. 01-0214-01
 EXPIRATION DATE 07/02/2004
 By *Walter A. Till Jr.*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

Walter A. Till Jr.
 5/6/98