



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

Eastern Metal Supply, Inc.
3600 23rd Ave., South
Lake Worth ,FL 33461

Your application for Notice of Acceptance (NOA) of:

0.030" Galvanized Steel Storm Panels 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.: 00-0919.10
EXPIRES: 06/07/2004

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: 06/07/2001

Eastern Metal Supply, Inc.

ACCEPTANCE No. : 00-0919.10

APPROVED : 06/07/2001

EXPIRES : 06/07/2004

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This approves 0.030" Galvanized Steel Storm Panels 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 0.030" Galvanized Steel Storm Panels shutter and its components shall be constructed in strict compliance with the following documents: Drawing No. 00-252, titled "24 Gage Galvanized Bertha Steel Storm Panels", prepared by Tilteco, Inc., dated July 10, 2000, last revision #1 dated April 3, 2001, sheets 1 through 9 of 9, signed and sealed 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. 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 0.030" Galvanized Steel Storm Panels Shutter and its components shall be installed in strict compliance with the approved drawings.

5. LABELING

Each panel 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

Eastern Metal Supply, Inc.

ACCEPTANCE No. : 00-0919.10

APPROVED : 06/07/2001

EXPIRES : 06/07/2004

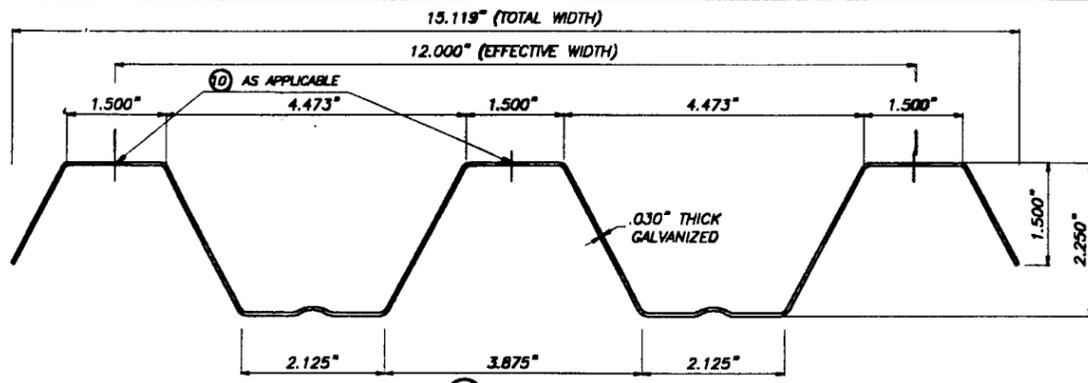
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

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.

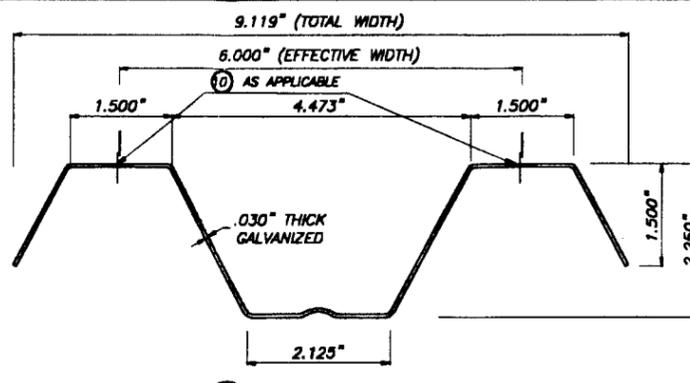
END OF THIS ACCEPTANCE



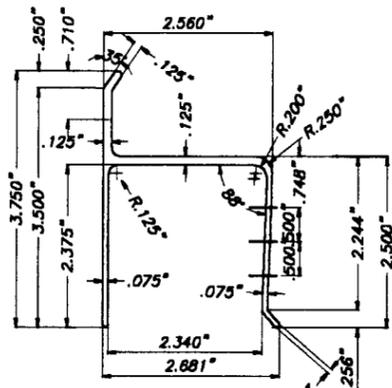
Helmy A. Makar, P.E. -Product Control Examiner
Product Control Division



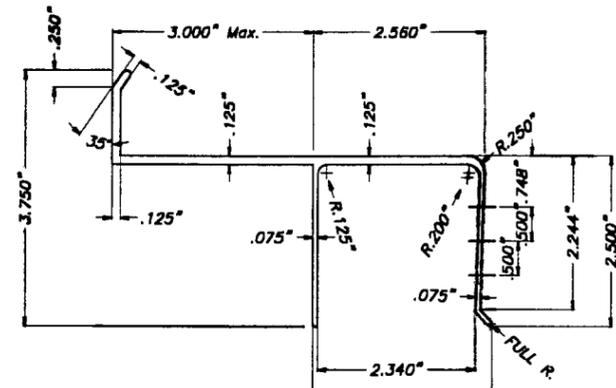
1 PANEL
SCALE: 3/8" = 1"



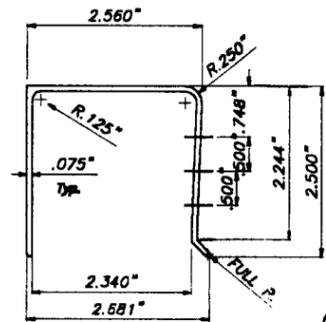
1A HALF PANEL
SCALE: 3/8" = 1"



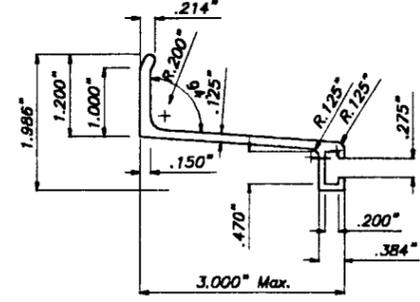
2 'h' HEADER
SCALE: 3/8" = 1"



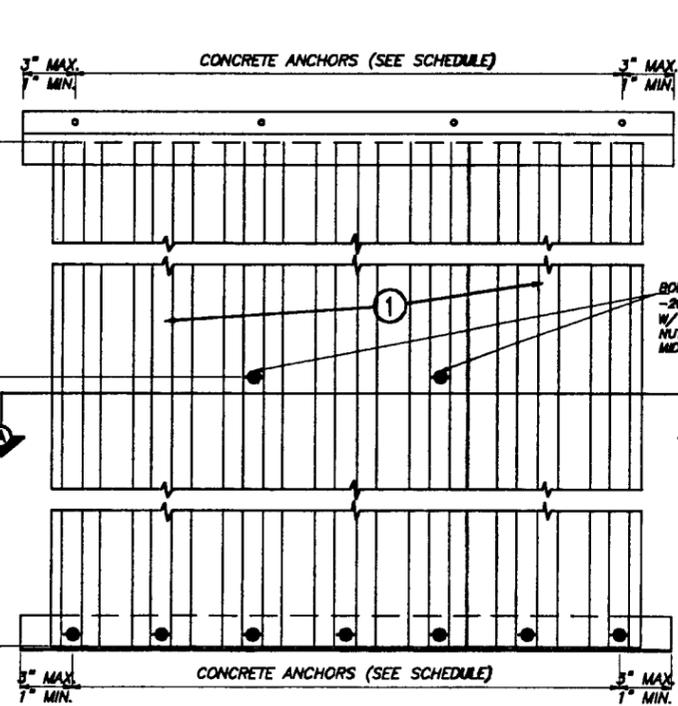
3 3" Max. 'U' BUILD OUT
SCALE: 3/8" = 1"



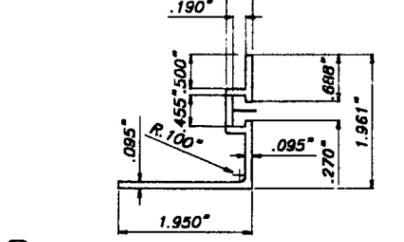
4 'U' HEADER
SCALE: 3/8" = 1"



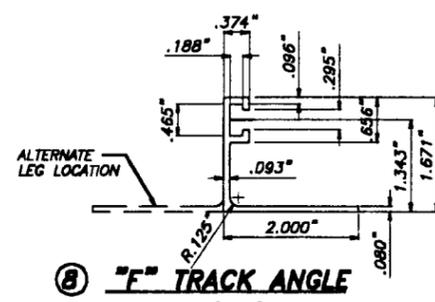
5 3" ANGLE BUILD OUT BRACKET
SCALE: 3/8" = 1"



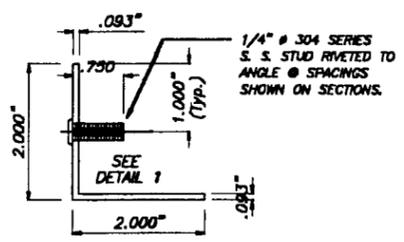
6 'F' TRACK
SCALE: 3/8" = 1"



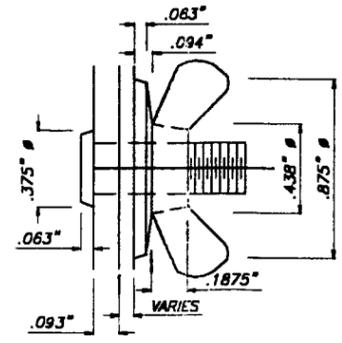
7 REVERSED 'F' ANGLE TRACK
SCALE: 3/8" = 1"



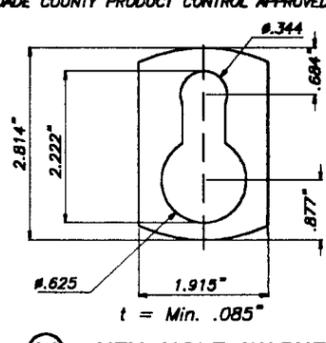
8 'F' TRACK ANGLE
SCALE: 3/8" = 1"



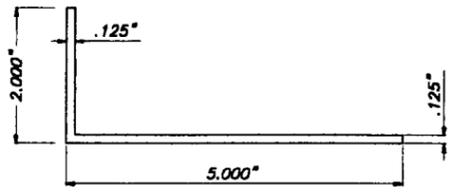
9 STUDDED ANGLE
SCALE: 3/8" = 1"



10 KEY HOLE AT PANEL



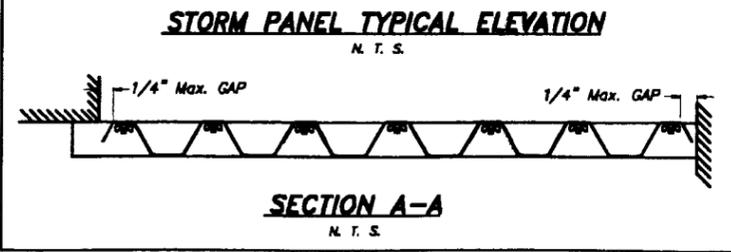
11 KEY HOLE WASHER
3105-H154 Alum. ALLOY
SCALE: 3/4" = 1"



12 2" x 5" (Max.) x .125" ANGLE
SCALE: 3/8" = 1"

GENERAL NOTES:

- STORM PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE MIAMI 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. STORM PANEL'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 2315 & 2314 RESPECTIVELY OF THE ABOVE MENTIONED CODE AS PER AMERICAN TEST LAB REPORT # 0425.01-00.
- ALL STEEL SHEET METAL PANELS SHALL HAVE STRUCTURAL QUALITY ASTM A653 S80, GRADE 40, WITH G-90 GALVANIZED STEEL DESIGNATION & F_y = 52.3 ksi. (AFTER ROLLED)
- ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T8 ALLOY UNLESS OTHERWISE NOTED.
- ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES.
- BOLTS TO BE 2024-T4 ALUMINUM ALLOY, GALVANIZED OR STAINLESS STEEL, WITH 36 ksi MINIMUM YIELD POINT.
- ANCHORS TO WALL SHALL BE AS FOLLOWS: (UNLESS OTHERWISE NOTED).
 - TO EXISTING POURED CONCRETE:
 - 1/4" # TAPCONS & MAXI-SET TAPCONS AS MANUFACTURED BY I.T.W./BUILDEX.
 - 1/4" # CRETE-FLEX SS4 ANCHORS AS MANUFACTURED BY ELCO TEXTRON.
 - 1/4" # x 7/8" CALK-IN ANCHORS, 1/4" # ELCO male & female "PANELMATE" OR 1/4" # ELCO male "PANELMATE PLUS" AS MANUFACTURED BY POWER FASTENINGS, INC. AND ELCO TEXTRON, RESPECTIVELY.
 - 3/8" # RED HEAD DYNABOLT SLEEVE ANCHORS AS MANUFACTURED BY I.T.W. BUILDEX.
 - TO EXISTING CONCRETE BLOCK WALL:
 - 1/4" # TAPCONS & MAXI-SET TAPCONS AS MANUFACTURED BY I.T.W./BUILDEX.
 - 1/4" # CRETE-FLEX SS4 ANCHORS AS MANUFACTURED BY ELCO TEXTRON.
 - 1/4" # x 7/8" CALK-IN ANCHORS OR 1/4" # ELCO male & female "PANELMATE" OR 1/4" # ELCO male "PANELMATE PLUS" AS MANUFACTURED BY POWER FASTENINGS, INC. AND ELCO TEXTRON, RESPECTIVELY.
 - 3/8" # RED HEAD DYNABOLT SLEEVE ANCHORS AS MANUFACTURED BY I.T.W. BUILDEX.
- MINIMUM EMBEDMENT INTO POURED CONCRETE OF TAPCON ANCHOR OR CRETE-FLEX SS4 IS 1 3/4", FOR ELCO PANELMATES IS 2", FOR RED HEAD DYNABOLT IS 1 1/2", FOR ELCO male "PANELMATE PLUS" IS 2".
- 7/8" 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 INDICATED ON NOTES A.1) & A.2) ABOVE.
- ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.
- PANELS MAY ALSO BE INSTALLED HORIZONTALLY FOLLOWING INSTALLATION DETAILS SHOWN ON SECTIONS 1 THRU 8 (SHEET 2 & 3 OF 9) EXCEPT THAT HEADERS 2, 3 & 4 SHALL NOT BE USED.
- 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. THIS SHUTTER SHALL ONLY BE ATTACHED TO CONCRETE, BLOCK OR WOOD FRAME BUILDINGS.
- SHUTTER MANUFACTURER'S LABEL SHALL BE PLACED AT BOTTOM OF EACH PANEL. LABEL SHALL READ AS FOLLOWS:
EASTERN METAL SUPPLY, INC.
LAKE WORTH, FLORIDA
MIAMI DADE COUNTY PRODUCT CONTROL APPROVED.



SECTION A-A
N.T.S.

DETAIL 1: STUD W/ DIE CAST ZINC NICKEL PLATED WING NUT

Handwritten signature and date: 4/9/01

TILECO Inc.
TILLIT TESTING & ENGINEERING COMPANY
6585 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33188
Phone: (305)671-1530 Fax: (305)671-1531
EB-0006719
WALTER A. TILLIT Jr. P. E.
FLORIDA Lic. # 44167

24 GAGE GALVANIZED BERTHA STEEL STORM PANELS

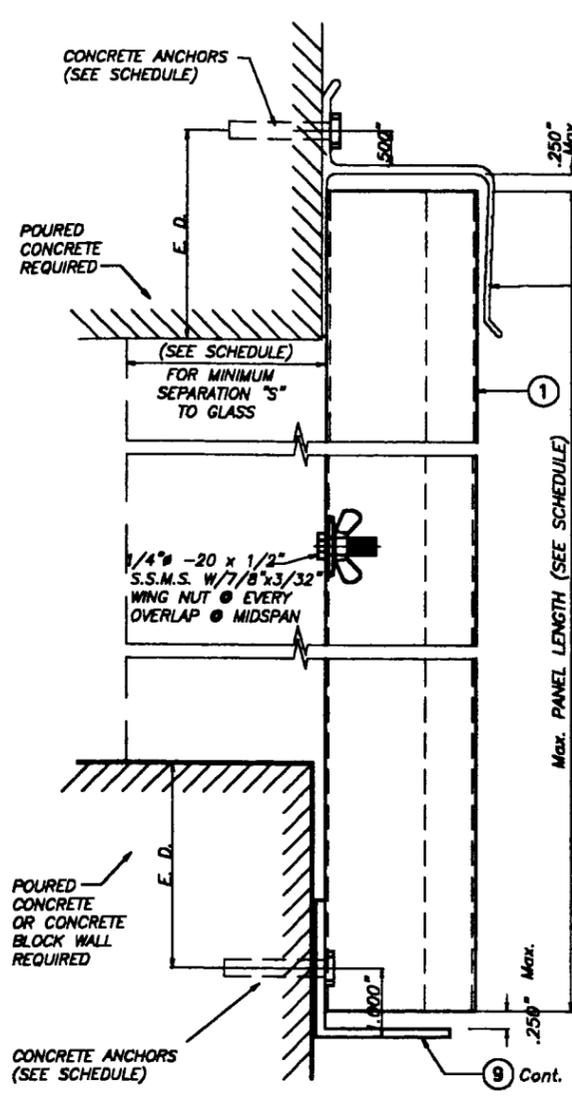
EASTERN METAL SUPPLY, INC
3600 23rd. Ave. SOUTH
LAKE WORTH, FL 33461-3247

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2			3		

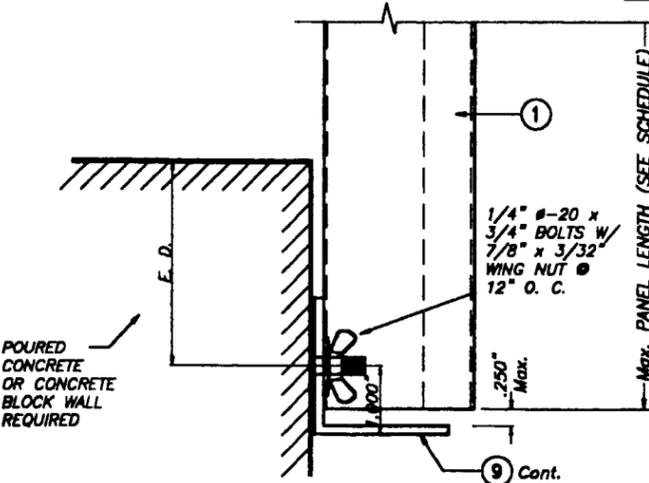
AS SHOWN SCALE
7/10/00 DATE
00-252 DRAWING No
SHEET 1 OF 9

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE 06/07/2001
BY *Handwritten signature*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0919.10

MIAMI DADE COUNTY



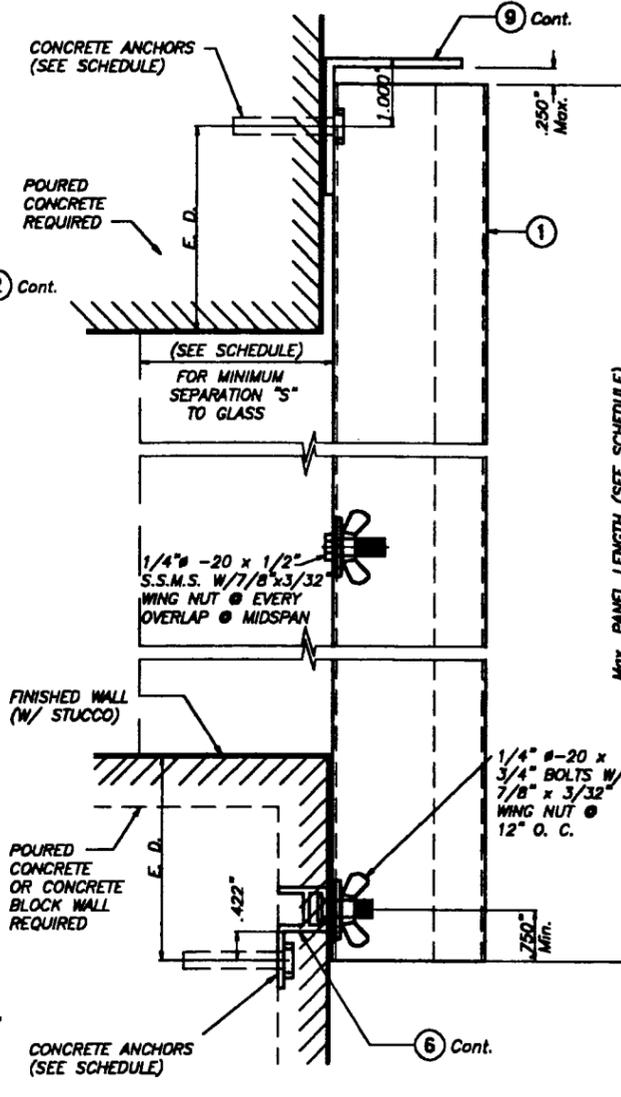
SECTION 1 ANCHOR



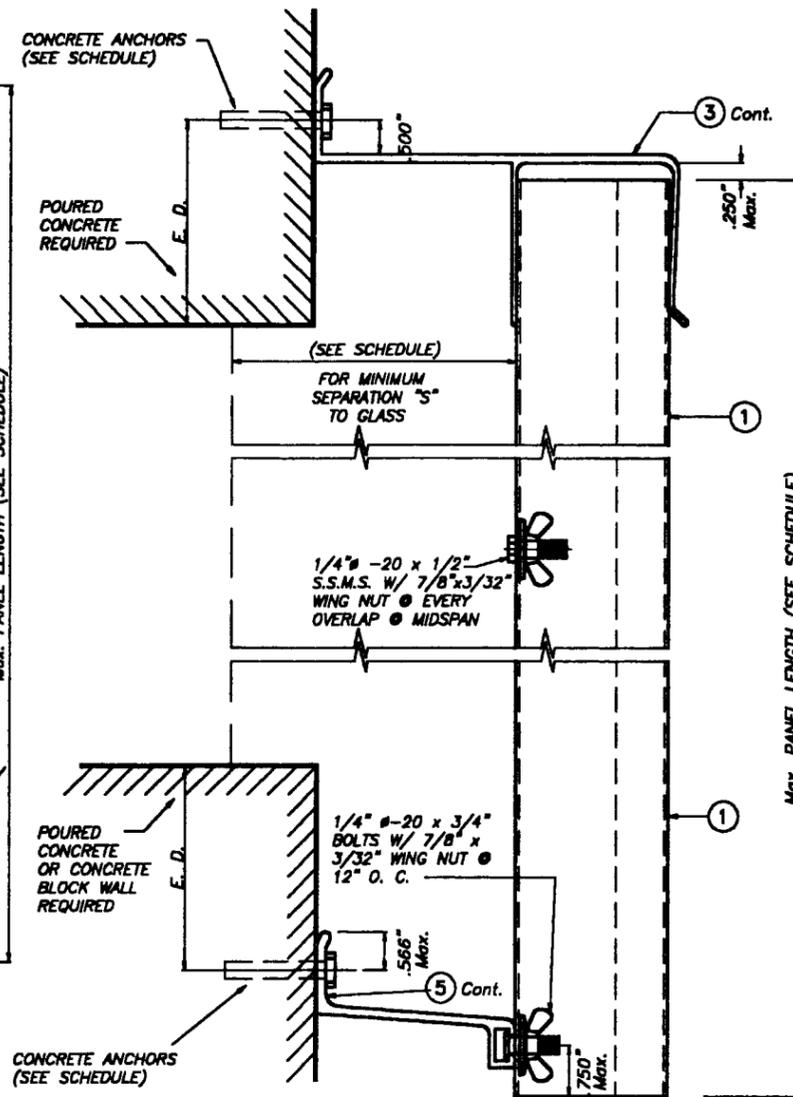
SECTION 2 STUD

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

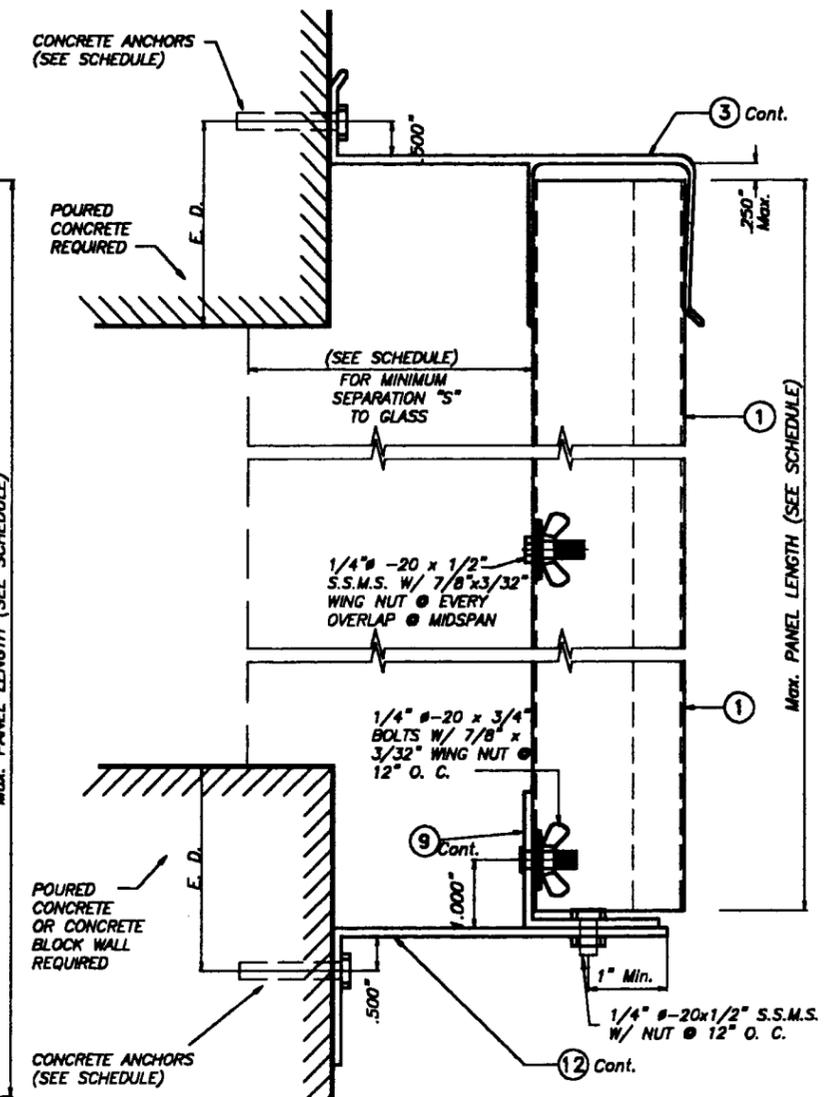
NOTE: DETAIL OF SECTION 2 STUD VALID ALSO FOR WALL MOUNTING INSTALLATION - SECTION 2 (TOP)



WALL MOUNTING INSTALLATION SECTION 2
SCALE: 3/8" = 1"



BUILD OUT INSTALLATION SECTION 3
SCALE: 3/8" = 1"



BUILD OUT INSTALLATION SECTION 4
SCALE: 3/8" = 1"

E. D. = EDGE DISTANCE
(SEE SCHEDULE ON SHEETS 5, 6 & 7 OF 9)

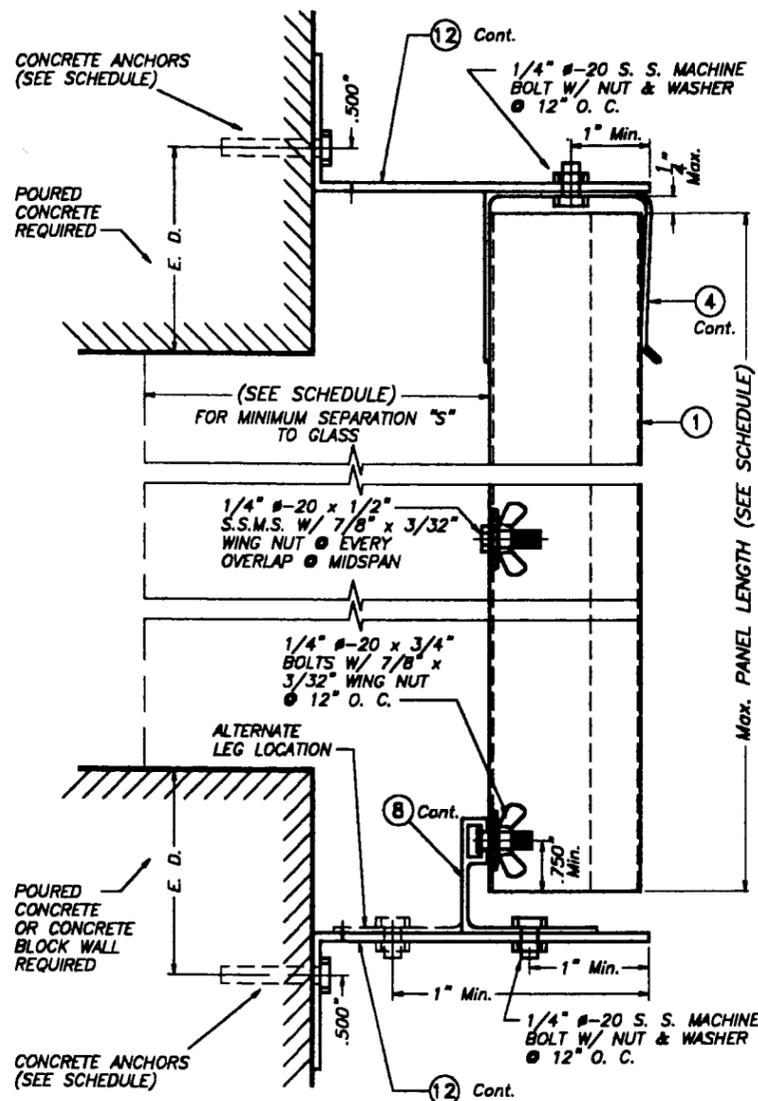
NOTE FOR COMBINATION OF SECTIONS:
WALL/FLOOR/CEILING MOUNTING SECTIONS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

Walter A. Tillit Jr.
4/4/01

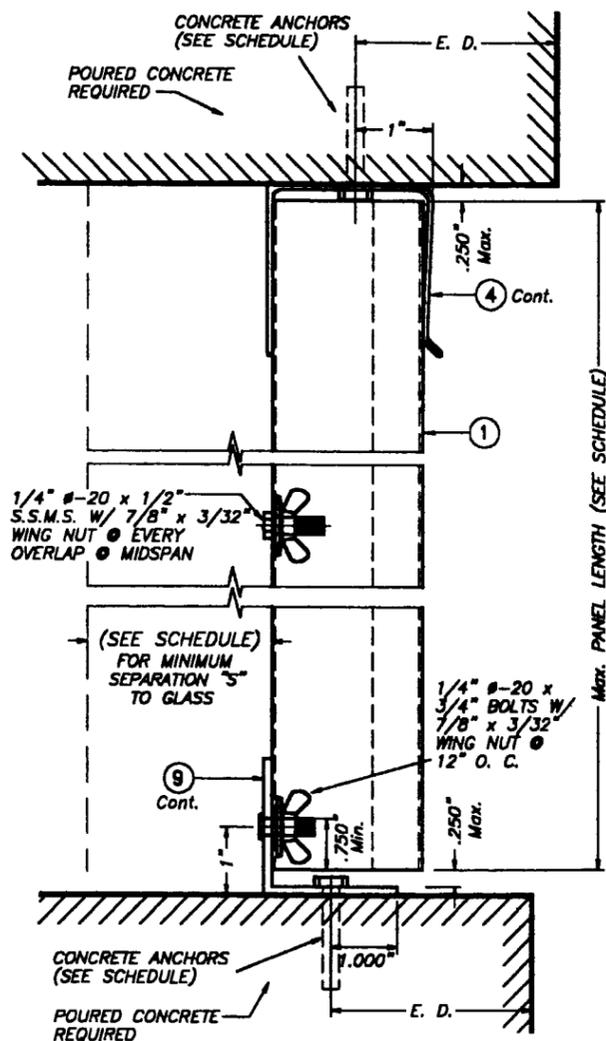
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE 06/07/2001
BY *Helmut H. Mark*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0919-10

MIAMI DADE COUNTY

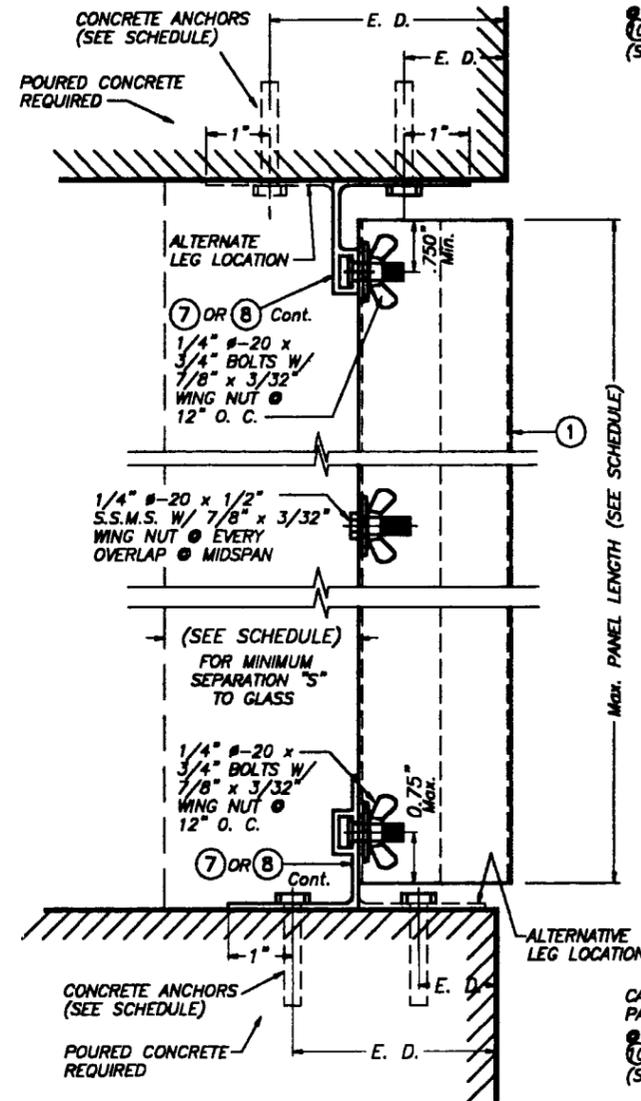
 TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 8585 N.W. 38th St., Ste. 217, WINDY GARDENS, FL 33188 Phone: (305)871-1530, Fax: (305)871-1531 EB-0008719 WALTER A. TILLIT JR., P. E. FLORIDA LIC. # 44187		24 GAGE GALVANIZED BERTHA STEEL STORM PANELS	AS SHOWN SCALE
		EASTERN METAL SUPPLY, INC 3800 23rd. Ave. SOUTH LAKE WORTH, FL 33461-3247	7/10/00 DATE
REVISIONS: 1 GENERAL 4/3/01 3 2 4		00-252 DRAWING No	SHEET 2 OF 9



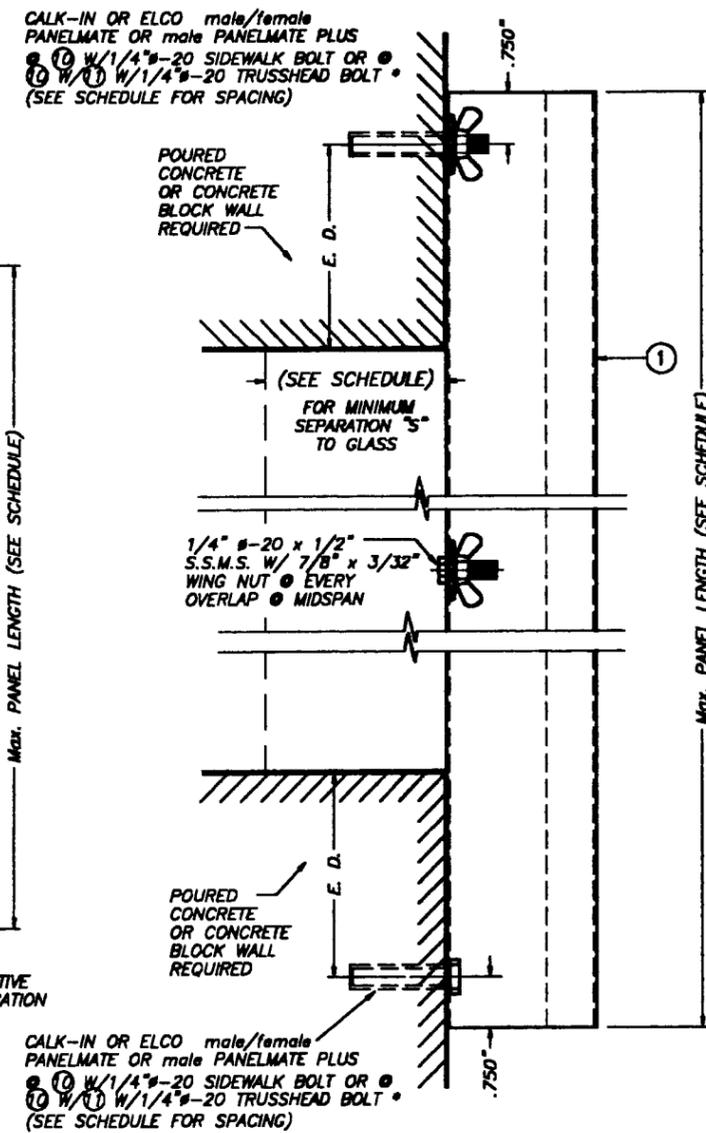
BUILD OUT INSTALLATION
- SECTION 5 SCALE : 3/8" = 1"



CEILING & FLOOR MOUNTING
INSTALLATION - SECTION 6 SCALE : 3/8" = 1"



CEILING & FLOOR MOUNTING
INSTALLATION - SECTION 7 SCALE : 3/8" = 1"



WALL MOUNTING INSTALLATION (D. M.)
- SECTION 8 SCALE : 3/8" = 1"

E. D. = EDGE DISTANCE
 (SEE SCHEDULE ON
 SHEET 5, 6 & 7 OF 9)

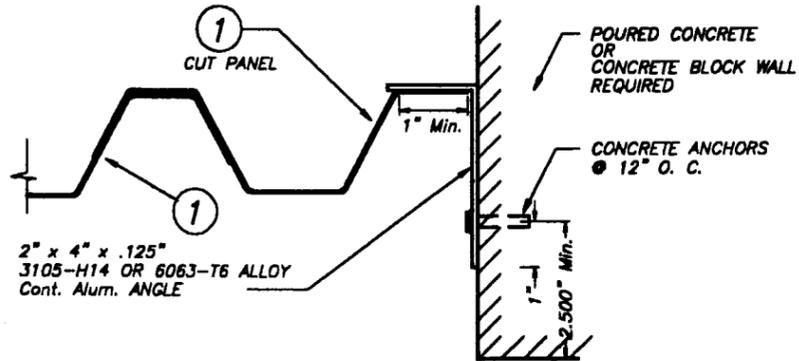
NOTE FOR COMBINATION OF SECTIONS :
 WALL/FLOOR/CEILING MOUNTING SECTIONS CAN BE
 COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

Walter A. Tillit Jr.
 4/4/01

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE 06/07/2001
 BY *Walter A. Tillit Jr.*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0919-10

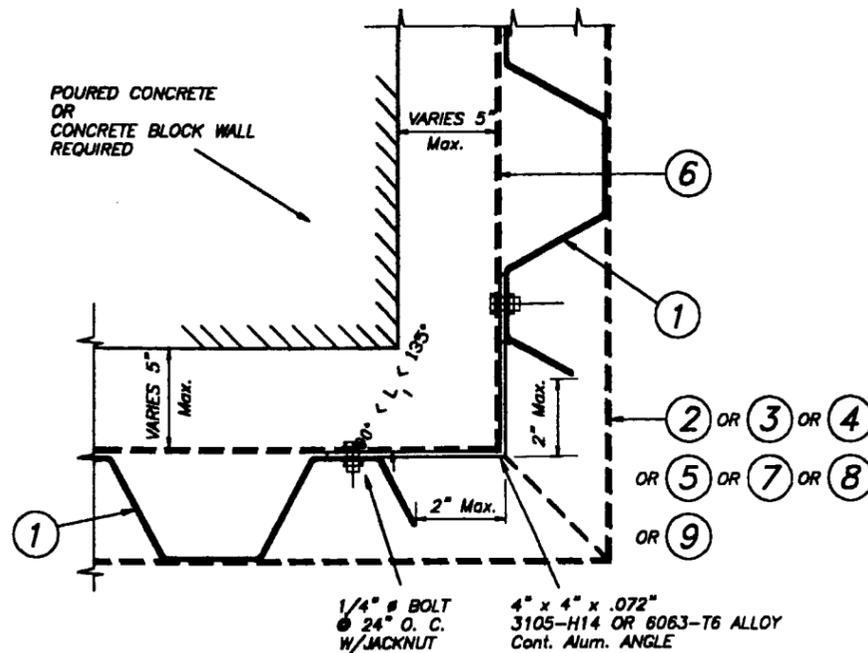
* SIDE WALK BOLTS ARE 3/4"x3/32" THICK
 HEAD MACHINE SCREW W/LENGTH
 AS PER NOTES A.2 & B.2 (SHEET 1)
 * TRUSS HEAD BOLTS ARE 1/2"x1/8" THICK
 HEAD MACHINE SCREW W/LENGTH
 AS PER NOTES A.2 & B.2 (SHEET 1)

 TILECO Inc. TILLIT TESTING & ENGINEERING COMPANY 8585 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33168 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0008719 WALTER A. TILLIT, Jr. P. E. FLORIDA Lic. # 44167		24 GAGE GALVANIZED BERTHA STEEL STORM PANELS		AS SHOWN SCALE	
		EASTERN METAL SUPPLY, INC 3800 23rd. Ave. SOUTH LAKE WORTH, FL 33461-3247		7/10/00 DATE	
REV. No. DESCRIPTION DATE REV. No. DESCRIPTION DATE		00-252 DRAWING No.		MIAMI DADE COUNTY	
1 GENERAL 4/3/01 3		00-252 DRAWING No.		SHEET 3 OF 9	
2		4		SHEET 3 OF 9	



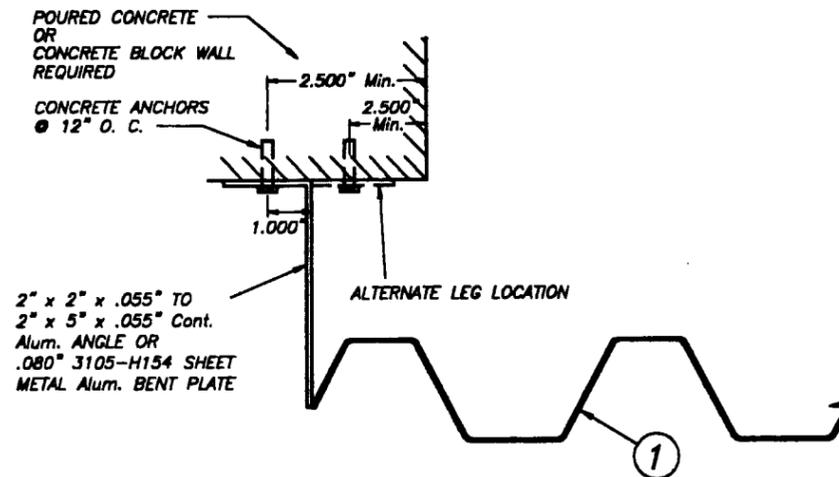
CASE A (Plan)

SCALE: 1/4" = 1"



CASE B (Plan)

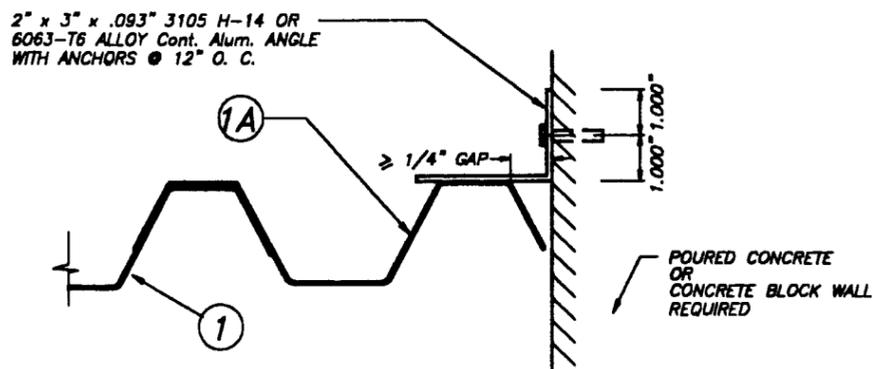
SCALE: 1/4" = 1"



CASE C (Plan)

SCALE: 1/4" = 1"

END CLOSURES DETAILS



CASE D (Plan)

SCALE: 1/4" = 1"

MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM PANEL LENGTH "L" SCHEDULE

MAXIMUM DESIGN PRESSURE RATING W (p.s.f.)	Max. PANEL LENGTH L (ft.) (SEE SECTIONS)	MINIMUM SEPARATION TO GLASS	APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM
+66.0, -76.0	7'-6" OR LESS	3"	1,2,3,4,5 & 8
+60.0, -70.0	>7'-6" TO 8'-6"	3"	1,2,3,4,5 & 8
+66.0, -76.0	7'-6" OR LESS	3 3/4"	6 & 7
+60.0, -70.0	>7'-6" TO 8'-6"	3 3/4"	6 & 7

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE 06/07/2001
 BY *Helmut H. Weber*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0919-10 MIAMI DADE COUNTY

Walter A. Tillit Jr.
4/4/01

 TILECO Inc. TILLIT TESTING & ENGINEERING COMPANY <small>6583 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33188 Phone: (305)871-1530 Fax: (305)871-1531</small> EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44187	24 GAGE GALVANIZED BERTHA STEEL STORM PANELS	AS SHOWN SCALE																		
	EASTERN METAL SUPPLY, INC <small>3800 23rd Ave. SOUTH LAKE WORTH, FL 33481-3247</small>	7/10/00 DATE																		
<table border="1"> <thead> <tr> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GENERAL</td> <td>4/3/01</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>4</td> <td></td> <td></td> </tr> </tbody> </table>	REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1	GENERAL	4/3/01	2			2			4			00-252 DRAWING No	SHEET 4 OF 9
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE															
1	GENERAL	4/3/01	2																	
2			4																	

**MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND
CORRESPONDING MAXIMUM ANCHOR SPACING SCHEDULE FOR
INSTALLATIONS INTO CONCRETE AND C.B.S. STRUCTURES ***

**** MAXIMUM ANCHOR SPACINGS ARE VALID FOR 3 1/2" EDGE DISTANCE. FOR E. D. LESS THAN 3 1/2", REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. (NOTE : Min. E. D. FOR CALK-IN ANCHORS IS 2 1/2"). FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE AT ANCHORS LEGEND.**

ACTUAL E. D.	FACTOR		
	TAPCON/ CRETE-FLEX SS4/ PANELMATES	CALK-IN	RED HD. SLEEVE
3"	.86	.75	1.00
2 1/2"	.71	.50	1.00
2"	.50	-	0.88

ANCHORS LEGEND

ANCHORS TYPE	ANCHOR MIN. SPACING
TAPCON/PANELMATES/ CRETE FLEX SS4	3.0"
CALK-IN	2.5"
3/8"Ø RED HD. DYNABOLT SLEEVE	4.5"

E. D. = EDGE DISTANCE

*SEE NOTES ON SHEETS 8 & 9 OF 9 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE 06/07/2001
BY *Heather A. Miller*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0919-10

MIAMI DADE COUNTY

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHOR SPACING FOR E. D. = 3 1/2" **												APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)	
	I.T.W. BULDEX				ELCO TEXTRON						POWERS FASTENING				
	TAPCONS/MAXI-SET TAPCONS		RED HD SLEEVE		CRETE-FLEX SS4		MALE/FEMALE PANELMATE		MALE PANELMATE PLUS		CALK-IN				
	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY			
+60.0, -61.5	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	1	(TOP)	6'-0" OR LESS
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	1	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	2	(TOP)	
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	2	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	3	(TOP)	
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	3	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	4	(TOP)	
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	4	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	5	(TOP)	
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	5	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6	(TOP)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	7	(TOP/BOTTOM)	
N/A	N/A	N/A	N/A	N/A	N/A	12"	12"	12"	12"	12"	12"	8	(TOP/BOTTOM)		

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHOR SPACING FOR E. D. = 3 1/2" **												APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)	
	I.T.W. BULDEX				ELCO TEXTRON						POWERS FASTENING				
	TAPCONS/MAXI-SET TAPCONS		RED HD SLEEVE		CRETE-FLEX SS4		MALE/FEMALE PANELMATE		MALE PANELMATE PLUS		CALK-IN				
	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY			
+66.0, -72.0	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	1	(TOP)	6'-0" OR LESS
	12"	11"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	1	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	2	(TOP)	
	12"	11"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	2	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	3	(TOP)	
	12"	11"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	3	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	4	(TOP)	
	12"	11"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	4	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	5	(TOP)	
	12"	8"	12"	12"	12"	12"	12"	11"	12"	9"	12"	11"	5	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6	(TOP)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	7	(TOP/BOTTOM)	
N/A	N/A	N/A	N/A	N/A	N/A	12"	12"	12"	12"	12"	12"	8	(TOP/BOTTOM)		

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHOR SPACING FOR E. D. = 3 1/2" **												APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)	
	I.T.W. BULDEX				ELCO TEXTRON						POWERS FASTENING				
	TAPCONS/MAXI-SET TAPCONS		RED HD SLEEVE		CRETE-FLEX SS4		MALE/FEMALE PANELMATE		MALE PANELMATE PLUS		CALK-IN				
	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY			
+80.0, -61.5	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	1	(TOP)	>6'-0" TO 7'-6"
	12"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	1	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	2	(TOP)	
	12"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	2	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	3	(TOP)	
	12"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	3	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	4	(TOP)	
	12"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	4	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	5	(TOP)	
	12"	7"	12"	12"	12"	12"	12"	9"	12"	8"	12"	10"	5	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6	(TOP)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6	(BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	7	(TOP/BOTTOM)	
N/A	N/A	N/A	N/A	N/A	N/A	12"	12"	12"	12"	12"	12"	8	(TOP/BOTTOM)		

TILECO inc.
TILLIT TESTING & ENGINEERING COMPANY
6265 N.W. 39th St., Ste. 217, WIRGINIA GARDENS, FL 33186
Phone: (305)871-1530 Fax: (305)871-1531
EB-0006719
WALTER A. TILLIT Jr. P. E.
FLORIDA Lic. # 44167

24 GAGE GALVANIZED BERTHA
STEEL STORM PANELS

EASTERN METAL SUPPLY, INC
3800 23rd Ave. SOUTH
LAKE WORTH, FL 33481-3247

AS SHOWN
SCALE

7/10/00
DATE

00-252
DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	4/3/01	2		
2			4		

SHEET 5 OF 9

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" **												APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH L' (ft.)
	I.T.W. BUILDEX				ELCO TEXTRON				POWERS FASTENING					
	TAPCONS/MAXI-SET TAPCONS		RED HD SLEEVE		CRETE-FLEX SS4		MALE/FEMALE PANELMATE		MALE PANELMATE PLUS		CALK-IN			
TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	
+66.0, -72.0	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	1 (TOP)	>6'-0" TO 7'-6"
	12"	9"	12"	12"	12"	12"	12"	12"	12"	10"	12"	12"	1 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	2 (TOP)	
	12"	9"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	2 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	3 (TOP)	
	12"	9"	12"	12"	12"	12"	12"	12"	12"	10"	12"	12"	3 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	4 (TOP)	
	12"	9"	12"	12"	12"	12"	12"	12"	12"	10"	12"	12"	4 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	5 (TOP)	
	12"	5"	12"	11"	12"	10"	12"	7"	12"	5"	12"	7"	5 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6 (TOP)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6 (BOTTOM)	
11"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	11"	N/A	7 (TOP/BOTTOM)		
N/A	N/A	N/A	N/A	N/A	N/A	12"	12"	12"	6"	12"	12"	8 (TOP/BOTTOM)		

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" **												APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH L' (ft.)
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	12"	9"	12"	12"	12"	12"	12"	12"	12"	10"	12"	12"	1 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	2 (TOP)	
	12"	9"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	2 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	3 (TOP)	
	12"	9"	12"	12"	12"	12"	12"	12"	12"	10"	12"	12"	3 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	4 (TOP)	
	12"	9"	12"	12"	12"	12"	12"	12"	12"	10"	12"	12"	4 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	5 (TOP)	
	12"	5"	12"	12"	12"	11"	12"	7"	12"	6"	12"	7"	5 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6 (TOP)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6 (BOTTOM)	
11"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	11"	N/A	7 (TOP/BOTTOM)		
N/A	N/A	N/A	N/A	N/A	N/A	12"	12"	12"	6"	12"	12"	8 (TOP/BOTTOM)		

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" **												APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH L' (ft.)
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TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	
+66.0, -70.0	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	1 (TOP)	>7'-6" TO 8'-6"
	12"	8"	12"	12"	12"	12"	12"	10"	12"	9"	12"	11"	1 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	2 (TOP)	
	12"	8"	12"	12"	12"	12"	12"	10"	12"	10"	12"	11"	2 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	3 (TOP)	
	12"	8"	12"	12"	12"	12"	12"	10"	12"	9"	12"	11"	3 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	4 (TOP)	
	12"	8"	12"	12"	12"	12"	12"	10"	12"	9"	12"	11"	4 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	5 (TOP)	
	12"	4"	12"	9"	12"	8"	12"	5"	12"	4"	12"	6"	5 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6 (TOP)	
	11"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	11"	N/A	6 (BOTTOM)	
9"	N/A	12"	N/A	12"	N/A	11 1/2"	N/A	12"	N/A	10"	N/A	7 (TOP/BOTTOM)		
N/A	N/A	N/A	N/A	N/A	N/A	12"	6"	12"	6"	12"	6"	8 (TOP/BOTTOM)		

MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING SCHEDULE FOR INSTALLATIONS INTO CONCRETE AND C.B.S. STRUCTURES *

** MAXIMUM ANCHOR SPACINGS ARE VALID FOR 3 1/2" EDGE DISTANCE. FOR E. D. LESS THAN 3 1/2", REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. (NOTE : Min. E. D. FOR CALK-IN ANCHORS IS 2 1/2"). FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE AT ANCHORS LEGEND.

ACTUAL E. D.	FACTOR		
	TAPCON/CRETE-FLEX SS4/PANELMATES	CALK-IN	RED HD. SLEEVE
3"	.86	.75	1.00
2 1/2"	.71	.50	1.00
2"	.50	-	0.88

ANCHORS LEGEND

ANCHORS TYPE	ANCHOR MIN. SPACING
TAPCON/PANELMATES/CRETE FLEX SS4	3.0"
CALK-IN	2.5"
3/8"Ø RED HD. DYNABOLT SLEEVE	4.5"

E. D. = EDGE DISTANCE

*SEE NOTES ON SHEETS 8 & 9 OF 9 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE 06/07/2001
 BY *Helmut H. Klack*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0919-10

MIAMI DADE COUNTY

 TILECO inc. TILLIT TESTING & ENGINEERING COMPANY 8585 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0008719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	24 GAGE GALVANIZED BERTHA STEEL STORM PANELS EASTERN METAL SUPPLY, INC 3800 23rd Ave. SOUTH LAKE WORTH, FL 33461-3247	AS SHOWN SCALE 7/10/00 DATE 00-252 DRAWING No SHEET 6 OF 9																		
	<table border="1"> <thead> <tr> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GENERAL</td> <td>4/3/01</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>4</td> <td></td> <td></td> </tr> </tbody> </table>	REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1	GENERAL	4/3/01	2			2			4			
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE															
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Walter A. Tillit Jr.
4/8/01

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" **												APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	L.T.W. BUILDEX				ELCO TEXTRON				POWERS FASTENING					
	TAPCONS/MAXI-SET TAPCONS		RED HD SLEEVE		CRETE-FLEX SS4		MALE/FEMALE PANELMATE		MALE PANELMATE PLUS		CALK-IN			
	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY		
+66.0, -76.0	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	1 (TOP)	6'-0" OR LESS
	12"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	1 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	2 (TOP)	
	12"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	2 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	3 (TOP)	
	12"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	3 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	4 (TOP)	
	12"	10"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	4 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	5 (TOP)	
	12"	7"	12"	12"	12"	12"	12"	9"	12"	8"	12"	10"	5 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6 (TOP)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	7 (TOP/BOTTOM)	
N/A	N/A	N/A	N/A	N/A	N/A	12"	12"	12"	12"	12"	12"	8 (TOP/BOTTOM)		

MAXIMUM DESIGN LOAD W (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" **												APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	L.T.W. BUILDEX				ELCO TEXTRON				POWERS FASTENING					
	TAPCONS/MAXI-SET TAPCONS		RED HD SLEEVE		CRETE-FLEX SS4		MALE/FEMALE PANELMATE		MALE PANELMATE PLUS		CALK-IN			
	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY	TO CONCRETE	TO MASONRY		
+66.0, -70.0	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	1 (TOP)	>7'-6" TO 8'-6"
	12"	7"	12"	12"	12"	12"	12"	10"	12"	8"	12"	10"	1 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	2 (TOP)	
	12"	7"	12"	12"	12"	12"	12"	10"	12"	10"	12"	10"	2 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	3 (TOP)	
	12"	7"	12"	12"	12"	12"	12"	10"	12"	8"	12"	10"	3 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	4 (TOP)	
	12"	7"	12"	12"	12"	12"	12"	10"	12"	8"	12"	10"	4 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	5 (TOP)	
	12"	4"	12"	9"	12"	8"	12"	6"	12"	4"	12"	6"	5 (BOTTOM)	
	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	6 (TOP)	
	10'	N/A	12"	N/A	12"	N/A	12"	N/A	12"	N/A	11"	N/A	6 (BOTTOM)	
	9"	N/A	12"	N/A	12"	N/A	11"	N/A	12"	N/A	9"	N/A	7 (TOP/BOTTOM)	
N/A	N/A	N/A	N/A	N/A	N/A	12"	6"	12"	6"	12"	6"	8 (TOP/BOTTOM)		

MAXIMUM DESIGN PRESSURE RATING "W" (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING SCHEDULE FOR INSTALLATIONS INTO CONCRETE AND C.B.S. STRUCTURES *

** MAXIMUM ANCHOR SPACINGS ARE VALID FOR 3 1/2" EDGE DISTANCE. FOR E. D. LESS THAN 3 1/2", REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. (NOTE: Min. E. D. FOR CALK-IN ANCHORS IS 2 1/2"). FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE AT ANCHORS LEGEND.

ACTUAL E. D.	FACTOR		
	TAPCON/CRETE-FLEX SS4/PANELMATES	CALK-IN	RED HD. SLEEVE
3"	.86	.75	1.00
2 1/2"	.71	.50	1.00
2"	.50	-	0.88

ANCHORS LEGEND

ANCHORS TYPE	ANCHOR MIN. SPACING
TAPCON/PANELMATES/CRETE FLEX SS4	3.0"
CALK-IN	2.5"
3/8"Ø RED HD. DYNABOLT SLEEVE	4.5"

E. D. = EDGE DISTANCE

*SEE NOTES ON SHEETS 8 & 9 OF 9 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE 06/07/2001
 BY *Helmut A. Weber*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0919.10

David
4/4/01

TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 8585 N.W. 38th St., Ste. 217, VARGAS GARDENS, FL 33188
 Phone: (305)871-1530 Fax: (305)871-1531
 EB-0006719
 WALTER A. TILLIT Jr. P. E.
 FLORIDA Lic. # 44167

24 GAGE GALVANIZED BERTHA STEEL STORM PANELS

EASTERN METAL SUPPLY, INC
 3600 23rd Ave. SOUTH
 LAKE WORTH, FL 33481-3247

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	4/3/01	2		
2			3		

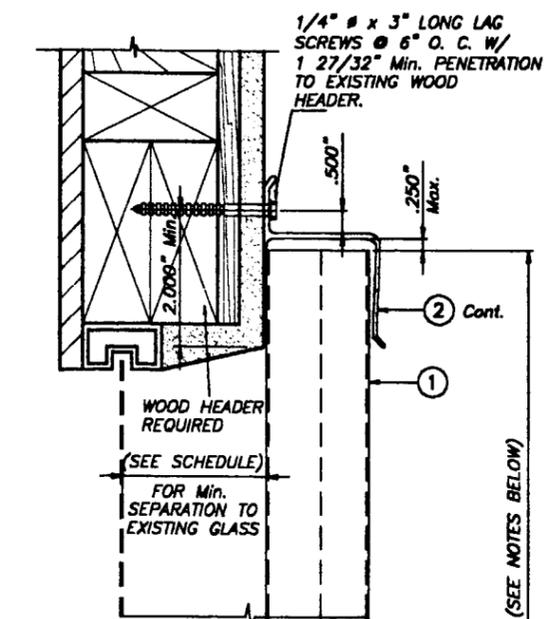
MIAMI DADE COUNTY

AS SHOWN SCALE

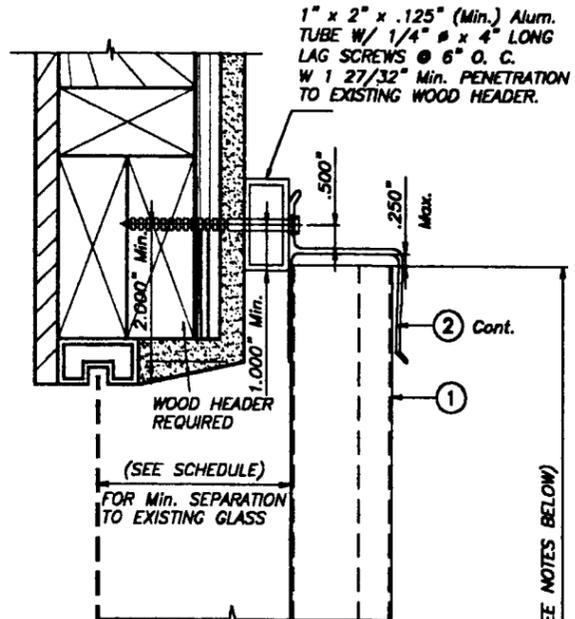
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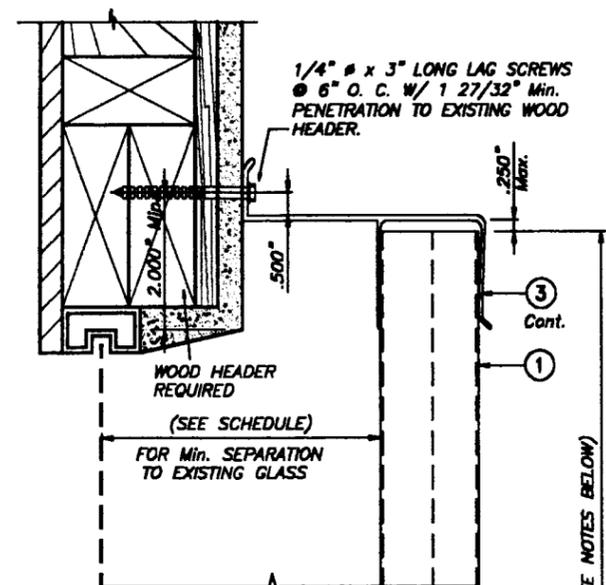
SHEET 7 OF 9



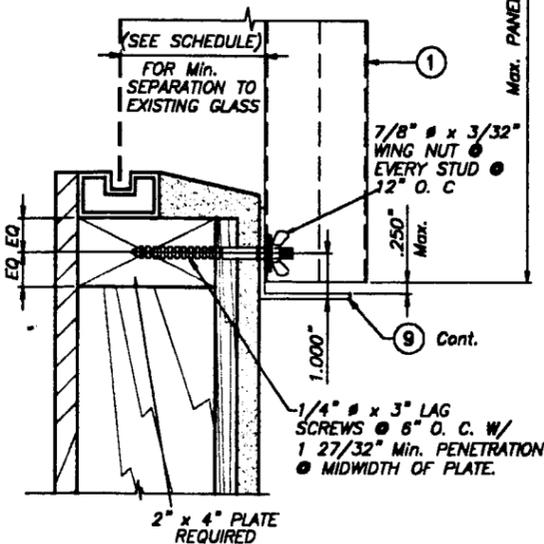
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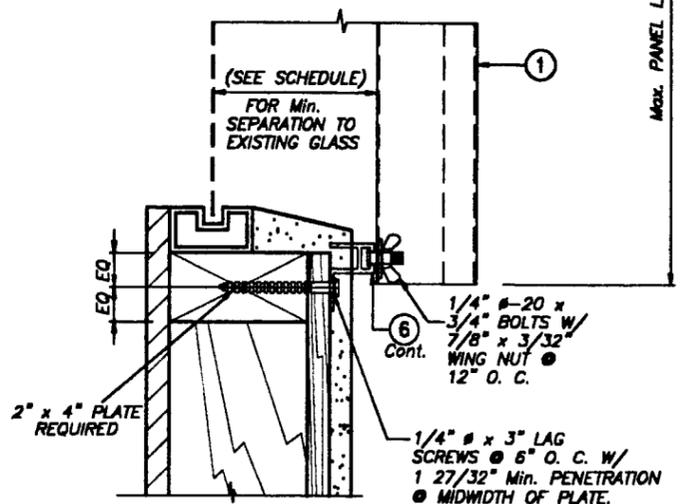
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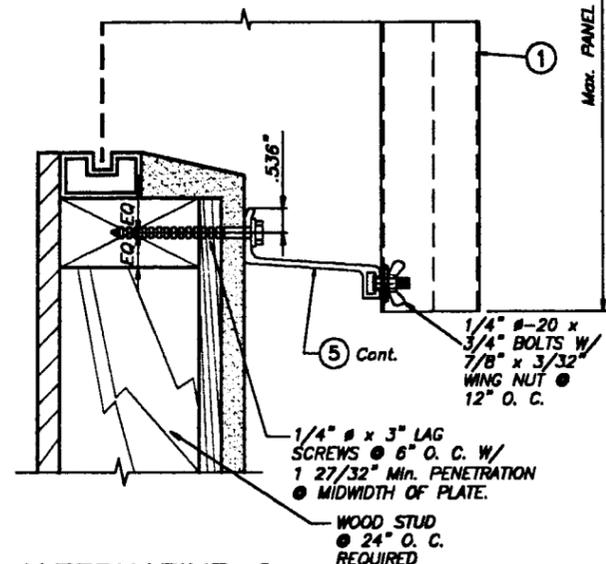
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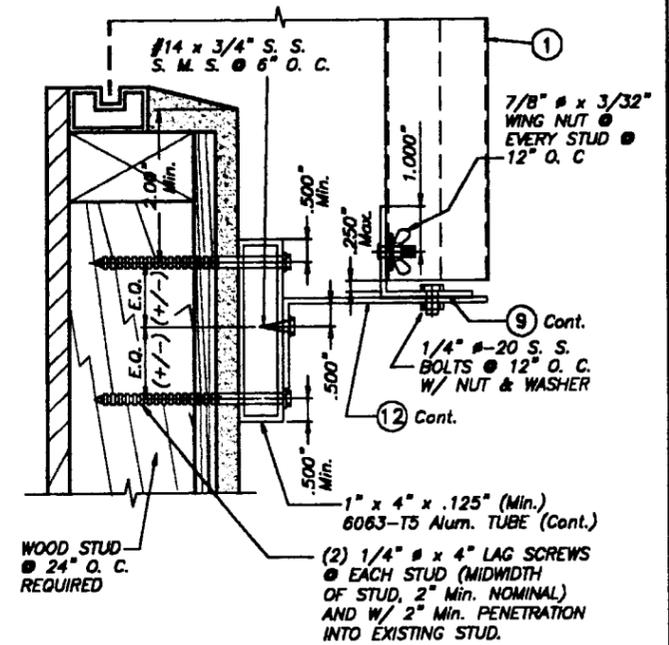
ALTERNATIVE 2



ALTERNATIVE 4



ALTERNATIVE 6



ALTERNATIVE 7

WALL MOUNTING INSTALLATIONS

SECTIONS A

SCALE : 1/4" = 1"

INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS

NOTE FOR COMBINATION OF SECTIONS:
WALL MOUNTING SECTIONS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

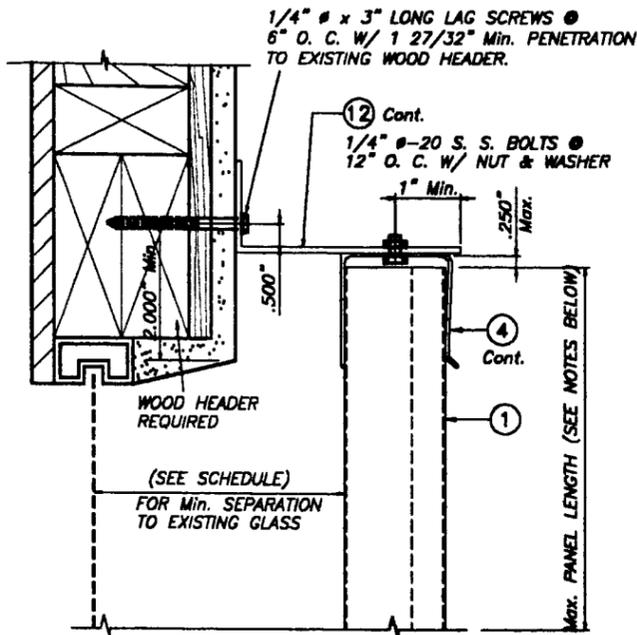
NOTES:
1. INSTALLATIONS ARE ONLY VALID FOR DESIGN WIND LOADS AND Max. PANEL LENGTHS AS PER SCHEDULE ON SHEET 4 OF 9
2. FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE 06/07/2001
BY Helmut H. Walker
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0919.10

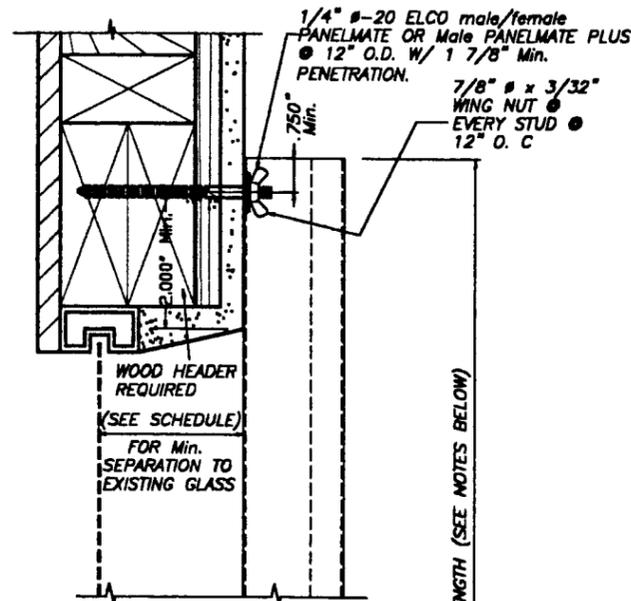
MIAMI DADE COUNTY

<p>TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 8585 N.W. 38th St., Ste. 217, WINDHAM GARDENS, FL 33188 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44187</p>		24 GAGE GALVANIZED BERTHA STEEL STORM PANELS	AS SHOWN SCALE
		<p>EASTERN METAL SUPPLY, INC 3800 23rd. Ave. SOUTH LAKE WORTH, FL 33481-3247</p>	
<p>00-252 DRAWING No</p>		<p>SHEET 8 OF 9</p>	

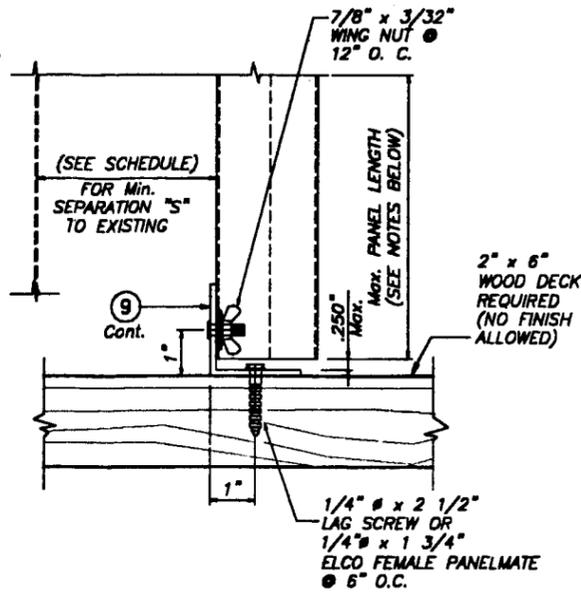
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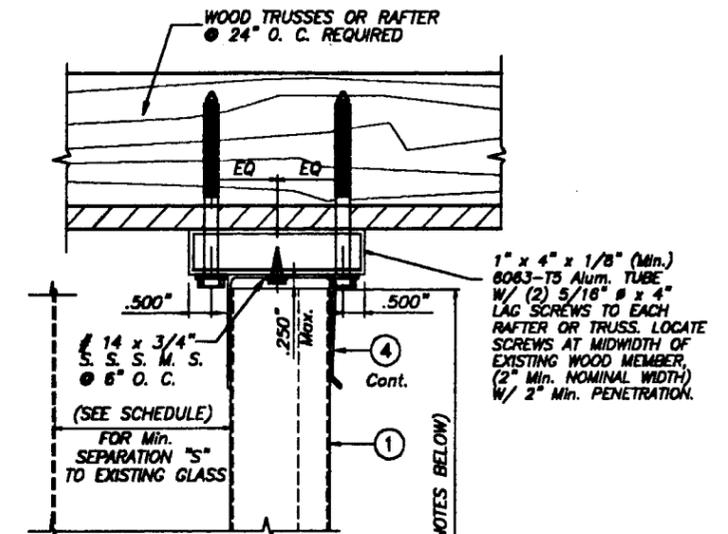
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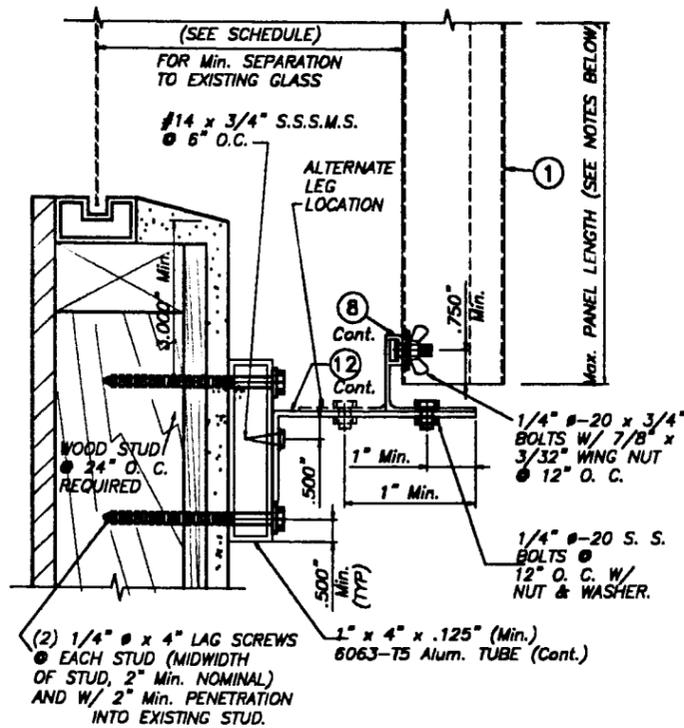
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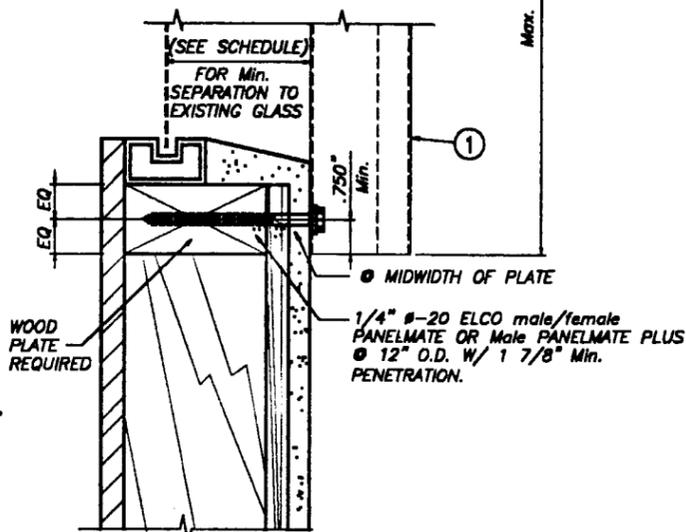
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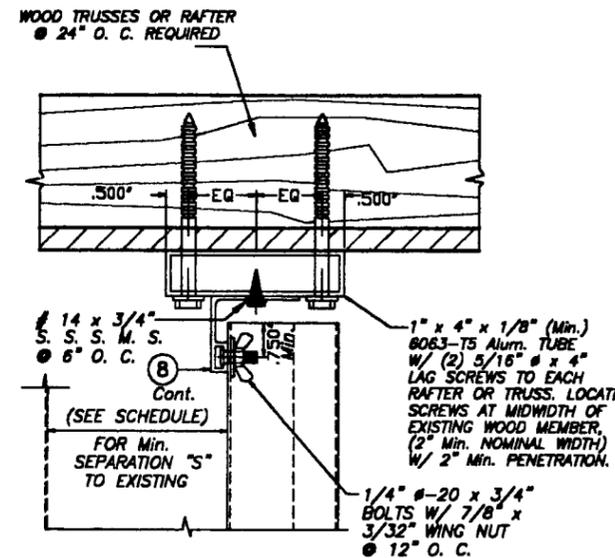
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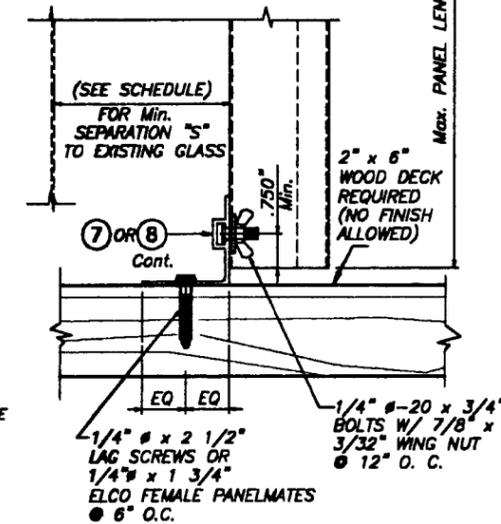
ALTERNATIVE 9



ALTERNATIVE 11



ALTERNATIVE 2



ALTERNATIVE 4

CEILING & FLOOR MOUNTING INSTALLATIONS

WALL MOUNTING INSTALLATIONS

SECTIONS A

SCALE : 1/4" = 1"

NOTE FOR COMBINATION OF SECTIONS:

FLOOR/ WALL/ CEILING MOUNTING SECTIONS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

SECTIONS B

SCALE : 1/4" = 1"
APPROVED AS COMPLYING WITH THE

SOUTH FLORIDA BUILDING CODE

DATE 06/07/2001

BY *Helmut A. Miller*

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 00-0919

MIAMI DADE COUNTY

INSTALLATION DETAILS ON EXISTING WOOD BUILDINGS

NOTES:

- INSTALLATIONS ARE ONLY VALID FOR DESIGN WIND LOADS AND Max. PANEL LENGTHS AS PER SCHEDULE ON SHEET 4 OF 9
- FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No. 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

David
4/4/0

<p>TILLIT TESTING & ENGINEERING COMPANY 6585 N.W. 38th St., Ste. 217, WINGHAM GARDENS, FL 33186 Phone : (305)871-1630 Fax : (305)871-1631 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167</p>		24 GAGE GALVANIZED BERTHA STEEL STORM PANELS		AS SHOWN SCALE	
		<p>EASTERN METAL SUPPLY, INC 3800 23rd. Ave. SOUTH LAKE WORTH, FL 33481-3247</p>		7/10/00 DATE	
				00-252 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	4/3/01	2		
2			4		