



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

www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Ocean Shutters Manufacturing, Inc.
 1031 S.W. 30th Avenue
 Deerfield Beach, FL 33442

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: "OSMI-Ultra Light" 0.031"(min.) Galvanized Steel Storm Panels Shutter

APPROVAL DOCUMENT: Drawing No. 05-473, titled "OSMI Ultra-Light Galvanized Steel Storm Panel", sheets 1 through 5 of 5, prepared by Thornton-Tomasetti Group, dated September 19, 2005, last revision #0 dated Sept. 19, 2005, signed and sealed by V. J. Knezevich, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by 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 the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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

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

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

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

This NOA **revises & renews NOA #02-0410.01** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E.**

Helmy A. Makar
 05/25/2006

NOA No 05-1115.04
 Expiration Date: 09/27/2011
 Approval Date: 05/25/2006
 Page 1



NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

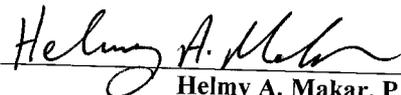
1. **EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0516.14**
 - A. **DRAWINGS:**
 1. *Drawing No. 00-394, titled "OSMI Ultra-Light Galvanized Steel Storm Panel", prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, P.E., dated April 10, 2001, last revision #1 dated September 5, 2001, sheets 1 through 5 of 5.*
 - B. **TESTS:**
 1. *Test report on: 1) Uniform Static Air Pressure test Loading, per PA 202-94; 2) Large Missile Impact Test, per PA 201-94, and 3) Cyclic Loading Wind Pressure Test, per PA 203-94 of steel storm panels, prepared by Construction Testing Corporation, Report No. 01-004, dated 02/28/2001, signed and sealed by Christopher G. Tyson, P.E.*
 - C. **CALCULATIONS:**
 1. *Comparative analysis and anchor calculation, titled 0.030" Steel Storm Panels, dated April 10, 2001, pages 1 through 37 and anchor manufacturers appendix, prepared by Knezevich and Associates Inc., signed and sealed by V.J. Knezevich, P.E.*
 - D. **MATERIAL CERTIFICATION:**
 1. *Mill Certified Inspection Report by R & R Metals, dated 01/18/01 for Galvanized Steel.*
 2. *Certified Tensile Test Report No. CTL #0184G, issued by Certified Testing Laboratories dated 02/15/01 for Steel sample CTC-01-004, signed and sealed by Ramesh Patel, P.E.*
2. **EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-0410.01**
 - A. **DRAWINGS**

See NOA 01-0516.14
 - B. **TESTS**

See NOA 01-0516.14
 - C. **CALCULATIONS**

See NOA 01-0516.14
 - D. **MATERIAL CERTIFICATIONS**

See NOA 01-0516.14

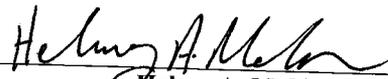


Helmy A. Makar, P.E.
Product Control Examiner
NOA No 05-1115.04
Expiration Date: 09/27/2011
Approval Date: 05/25/2006

Ocean Shutters Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- E. **STATEMENTS**
See NOA 01-0516.14
- F. **OTHER**
See NOA 01-0516.14
3. **NEW EVIDENCE SUBMITTED**
- A. **DRAWINGS:**
1. *Drawing No. 05-473, titled "OSMI Ultra-Light Galvanized Steel Storm Panel", sheets 1 through 5 of 5, prepared by Thornton-Tomasetti Group, dated September 19, 2005, last revision #0 dated Sept. 19, 2005, signed and sealed by V. J. Knezevich, P.E.*
- B. **TESTS:**
1. *None.*
- C. **CALCULATIONS:**
1. *Revised anchor calculation with no 4/3 load increase, dated September 16, 2005, pages 1 through 31 of 31 and anchor manufacturers appendix, prepared by Thornton-Tomasetti Group, signed and sealed by V.J. Knezevich, P.E.*
- D. **QUALITY ASSURANCE**
1. *By Miami-Dade County Building Code Compliance Office.*
- E. **MATERIAL CERTIFICATION:**
1. *None.*

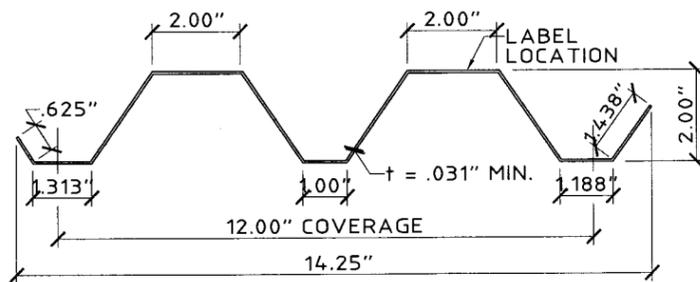

Helmy A. Makar, P.E.

Product Control Examiner

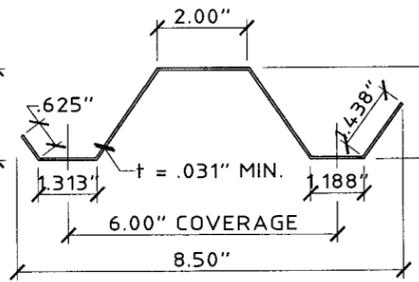
NOA No 05-1115.04

Expiration Date: 09/27/2011

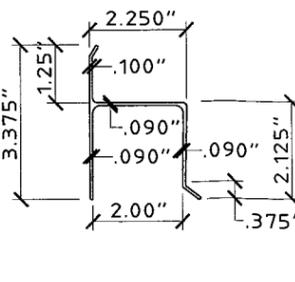
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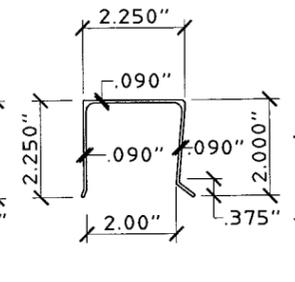
1 0.031" STEEL STORM PANEL
SCALE: 3" = 1' - 0"



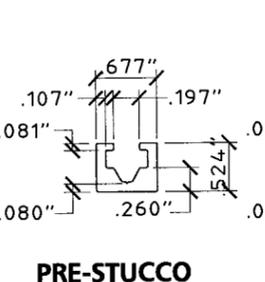
2 0.031" STEEL HALF STORM PANEL
SCALE: 3" = 1' - 0"



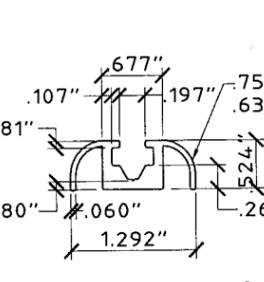
3 "h" HEADER
SCALE: 3" = 1' - 0"



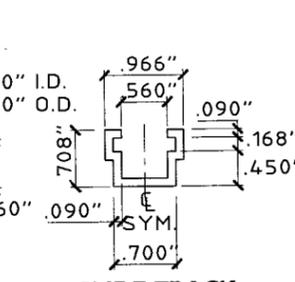
4 "U" HEADER
SCALE: 3" = 1' - 0"



5 PRE-STUCCO C-TRACK
SCALE: HALF SIZE



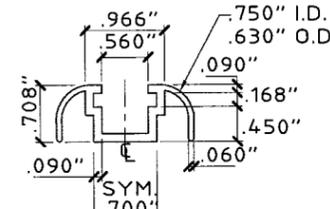
5a C-TRACK (FINISH)
SCALE: HALF SIZE



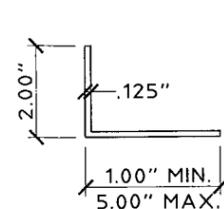
6 SLIDE TRACK
SCALE: HALF SIZE

GENERAL NOTES:

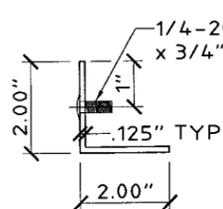
1. THESE APPROVAL DOCUMENTS REPRESENT A SHUTTER SYSTEM ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE 2004, WITH 2005 SUPPLEMENTS.
2. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR WOOD SCREW DESIGN.
3. DETERMINE THE POSITIVE AND NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH ASCE 7-02, A DIRECTIONALITY FACTOR OF Kd = 0.85 SHALL BE USED.
4. THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SHUTTER SYSTEM.
5. USE OF THESE APPROVAL DOCUMENTS SHALL COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
6. THESE APPROVAL DOCUMENTS, ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THE STRUCTURAL SUBSTRATES DETAILED HEREIN.
7. ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS.
8. WHEN THE SITE CONDITIONS DEVIATE FROM THESE APPROVAL DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 A) REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION. SAID DOCUMENTS SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR REVIEW AS A CONDITION TO THE BUILDING OFFICIAL GRANTING HIS/HER APPROVAL.
 B) REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.
9. WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.
10. PRODUCT MARKINGS SHALL BE WITHIN 12" OF ONE END OF THE PANEL WITH A MIN. OF ONE MARKING PER PANEL, AND SHALL BE LABELED AS FOLLOWS:
 OCEAN SHUTTER MFG., INC.
 DEERFIELD BEACH, FLORIDA
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
11. STORM PANELS SHALL BE 0.031" THICK CONFORMING TO A.S.T.M. A653, SQ. GRADE 80 WITH Fy = 93,110 GALVANIZED COATING. ALL ALUM. EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, U.O.N.
12. ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 K.S.I.
13. TOP & BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE. PANELS MAY BE MOUNTED HORIZONTALLY WHERE APPLICABLE, EXCEPT FOR "h" AND "U" HEADER MOUNTING CONDITIONS.



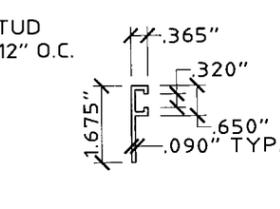
6a SLIDE TRACK (FINISH)
SCALE: HALF SIZE



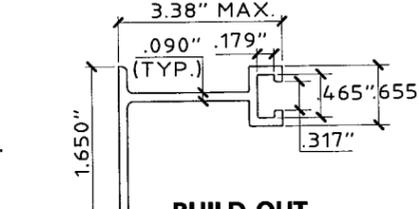
7 ANGLE
SCALE: 3" = 1' - 0"



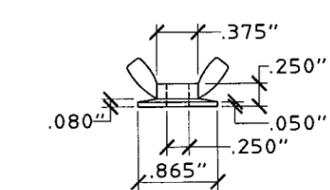
8 STUD ANGLE
SCALE: 3" = 1' - 0"



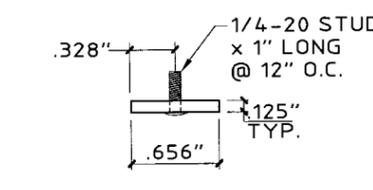
9 F-TRACK
SCALE: 3" = 1' - 0"



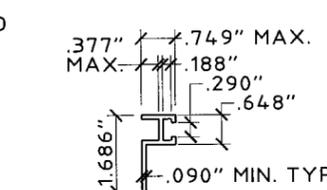
10 BUILD-OUT F-TRACK
SCALE: HALF SIZE



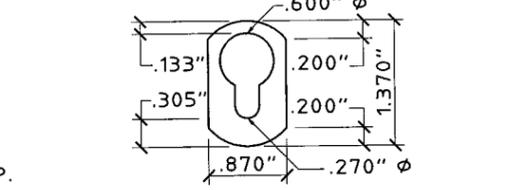
11 (ZAMAC 3 ALLOY) WASHNERED WINGNUT
SCALE: HALF SIZE



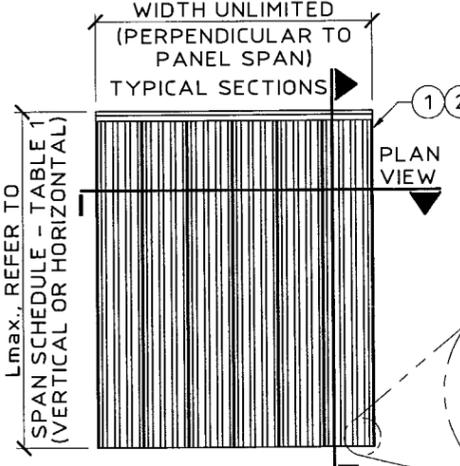
12 STUDDED STRAP (SLIDER, USE WITH 6 OR 6a)
SCALE: HALF SIZE



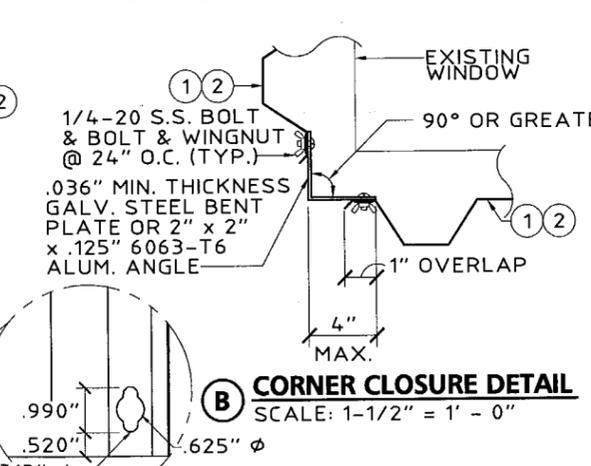
13 BF-TRACK
SCALE: 3" = 1' - 0"



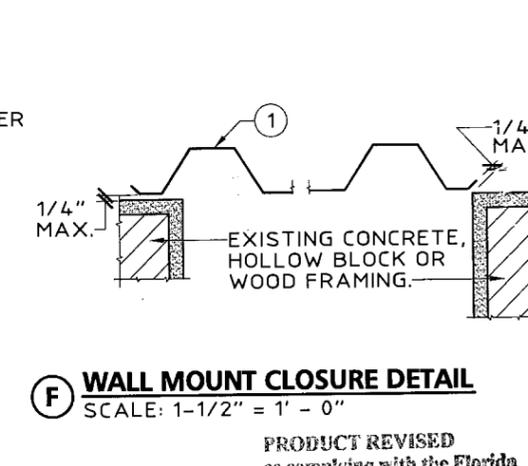
14 0.09" THICK KEYHOLE WASHER (OPTIONAL)
SCALE: HALF SIZE



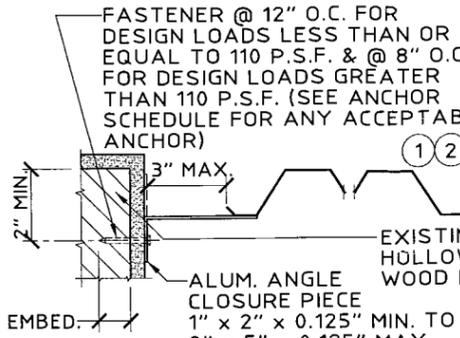
A PANEL ELEVATION
SCALE: 1/4" = 1' - 0"



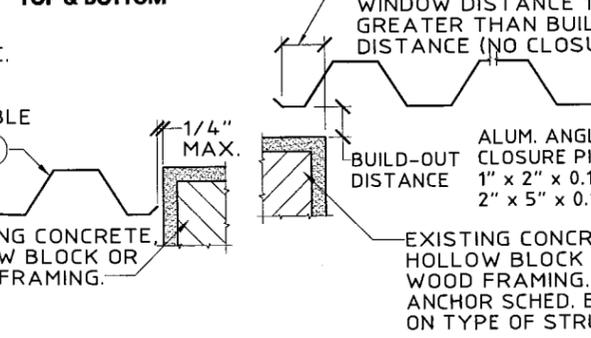
B CORNER CLOSURE DETAIL
SCALE: 1-1/2" = 1' - 0"



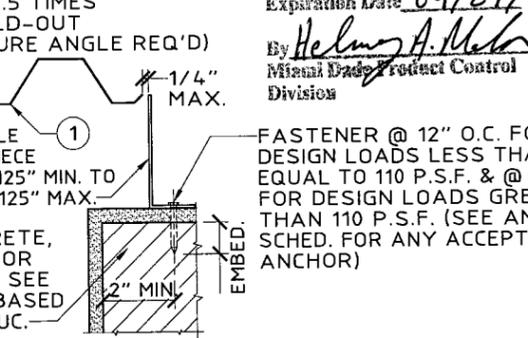
F WALL MOUNT CLOSURE DETAIL
SCALE: 1-1/2" = 1' - 0"



E TRAP MOUNT CLOSURE DETAIL
SCALE: 1-1/2" = 1' - 0"



D BUILD-OUT MOUNT CLOSURE DETAIL
SCALE: 1-1/2" = 1' - 0"



C BUILD-OUT MOUNT CLOSURE DETAIL
SCALE: 1-1/2" = 1' - 0"

Thornton-Tomasetti Group
 330 N. Andrews Ave., Suite 450 - Ft. Lauderdale, FL 33301
 Tel. (954) 522-3690 • Fax (954) 522-3691 • COA # 7519
 Website: www.TheTTGroup.com
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OSM ULTRA-LIGHT GALV. STEEL STORM PANEL
 1031 S.W. 30th Avenue
 Deerfield Beach, FL 33442
 Tel: (954) 489-9797
 Fax: (954) 489-7799
 Ocean Shutters, Inc.

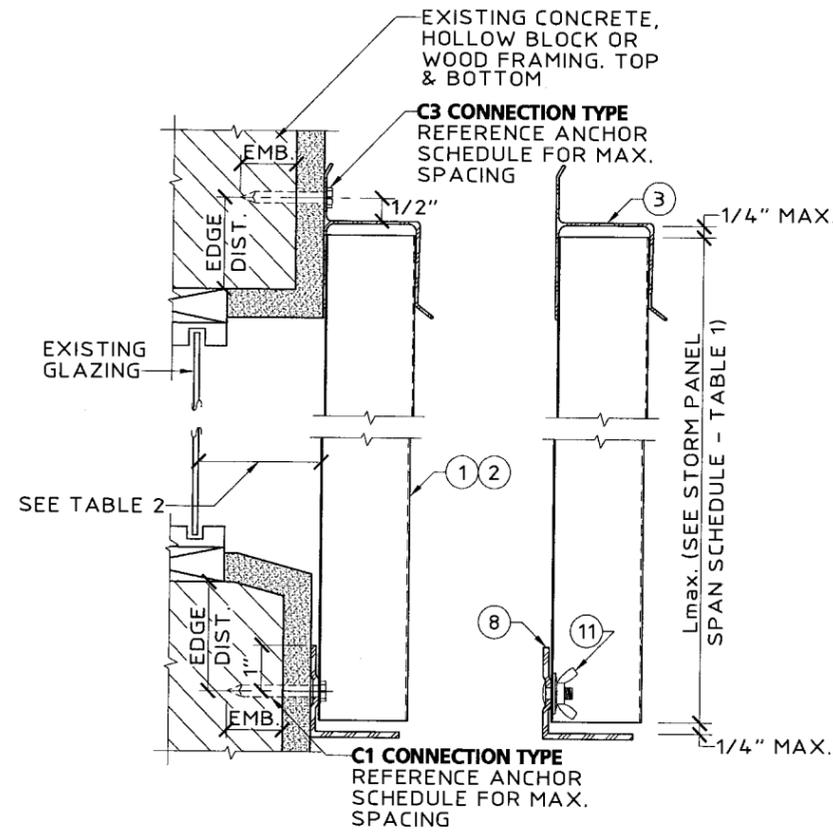
V.J. Knezevich
 Professional Engineer
 FL License No.: PE 0016963
 MAY 16 2006

revisions

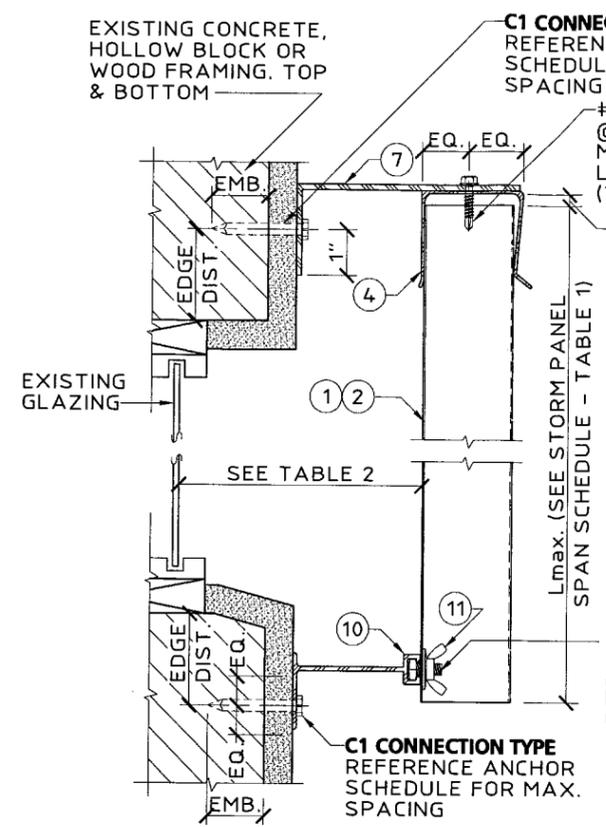
no	date	by	description
0	09/19/05	NW	PREVIOUSLY DRA WING NO. 00-394
1	02/07/06	NW	OCEAN'S ADDRESS CHANGE ONLY
2	05/16/06	NW	BCCO COMMENTS

date: 09/19/2005
 scale: AS NOTED
 design by: NW
 checked by: VJK
 drawing no.: 05-473
 sheet 1 of 5

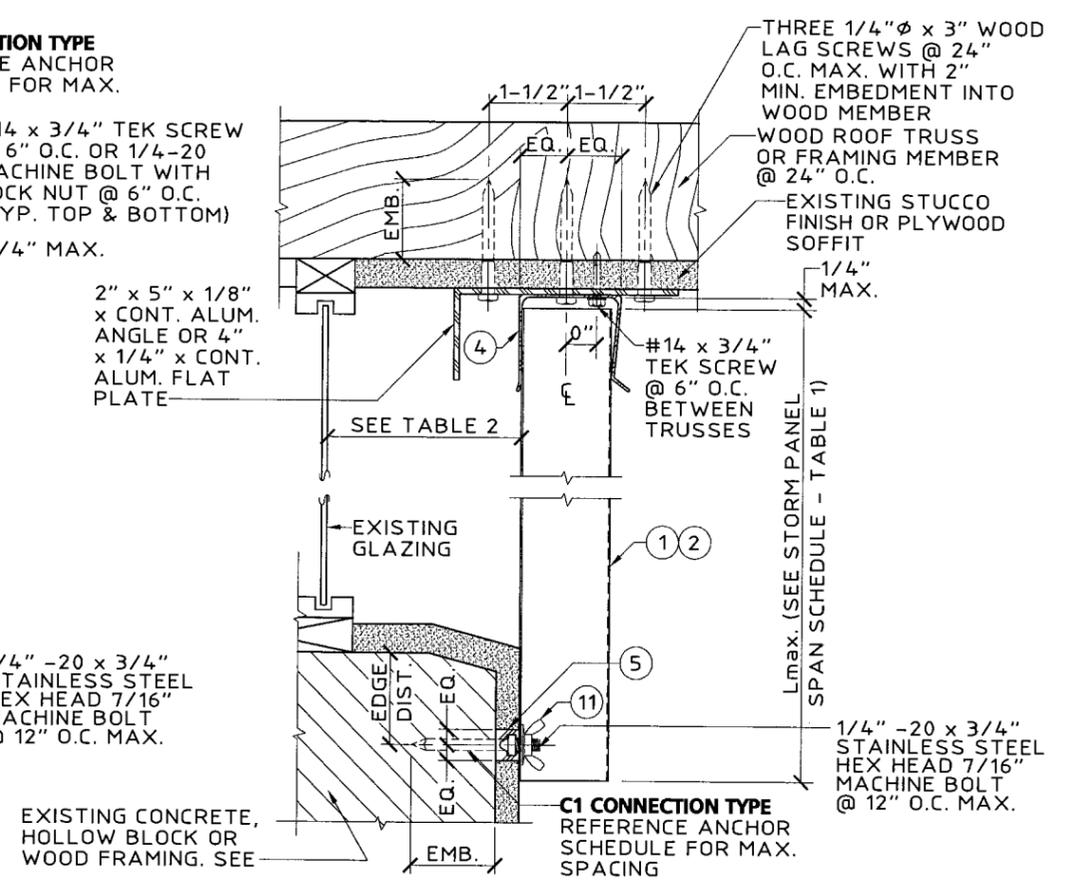
PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 05-1115-04
 Expiration Date 09/27/2011
 By Helmut A. Mahr
 Miami Dade Product Control Division



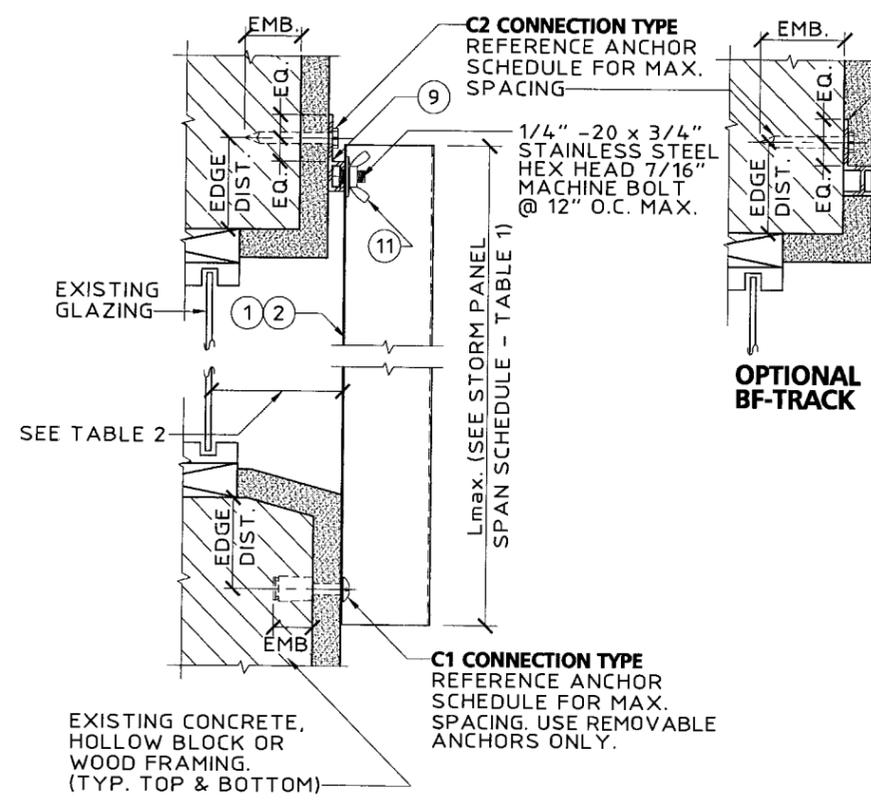
G WALL MOUNT SECTION
SCALE: 3" = 1' - 0"



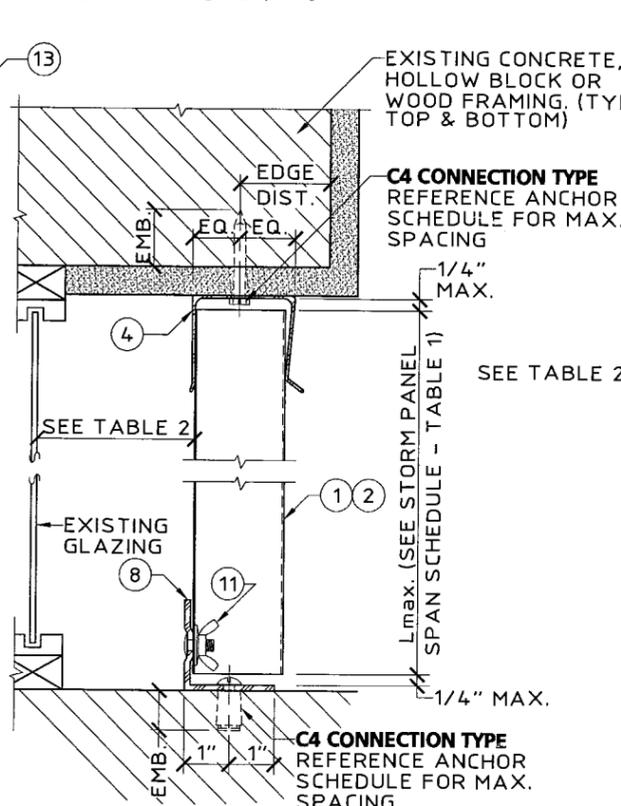
H BUILD-OUT MOUNT SECTION
SCALE: 3" = 1' - 0"



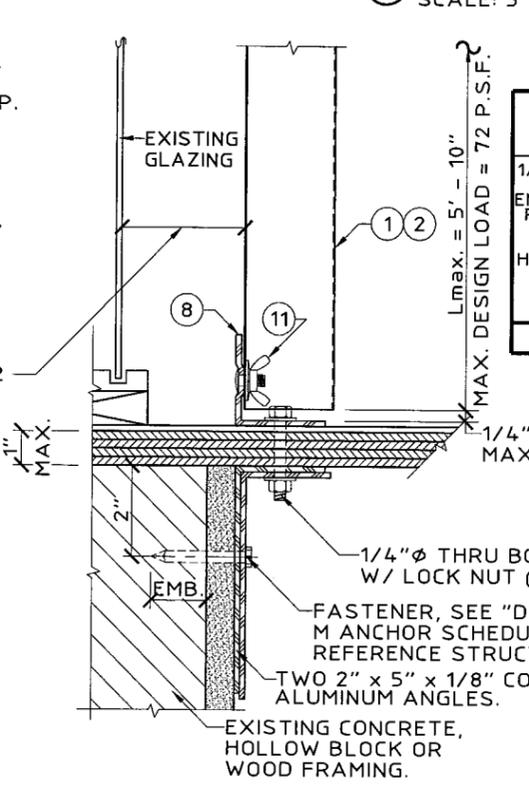
J CEILING / PRE-STUCCO TRACK
SCALE: 3" = 1' - 0"



K 'F' TRACK/DIRECT MOUNT SECTION
SCALE: 3" = 1' - 0"



L CEILING / FLOOR MOUNT SECTION
SCALE: 3" = 1' - 0"



M 'PASS THRU' SECTION
SCALE: 3" = 1' - 0"

DETAIL M ("PASS THRU" SEC.) ANCHOR SCHEDULE

CONC.		BLOCK		WOOD
12"	4"	10"	8"	12"

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-1115.04
Expiration Date 09/27/2011
By *Helmy A. M...*
Miami Dade Product Control Division

Thornton-Tomasetti Group
330 N. Andrews Ave., Suite 450 • Ft. Lauderdale, FL 33301
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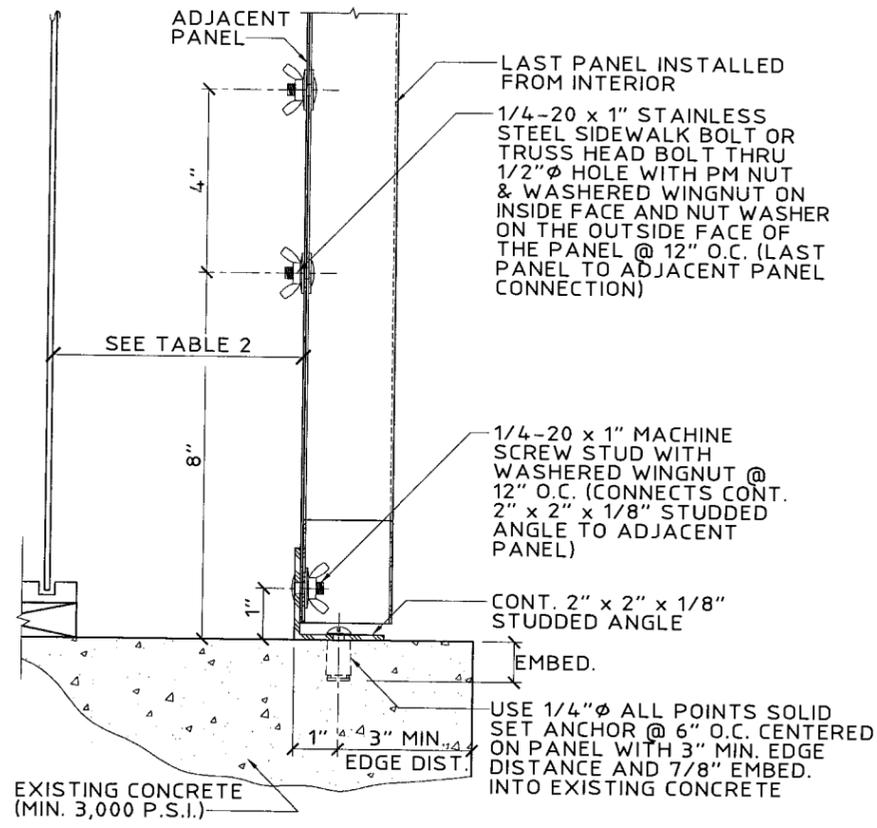
OSMI ULTRA-LIGHT GALV. STEEL STORM PANEL
1031 S.W. 90th Avenue
Deerfield Beach, FL 33442
Tel: (954) 489-9197
Fax: (954) 489-7799
OSMI MANUFACTURING, INC.

V.J. Knezevich
Professional Engineer
FL License No. PE 010983
MAY 16 2006

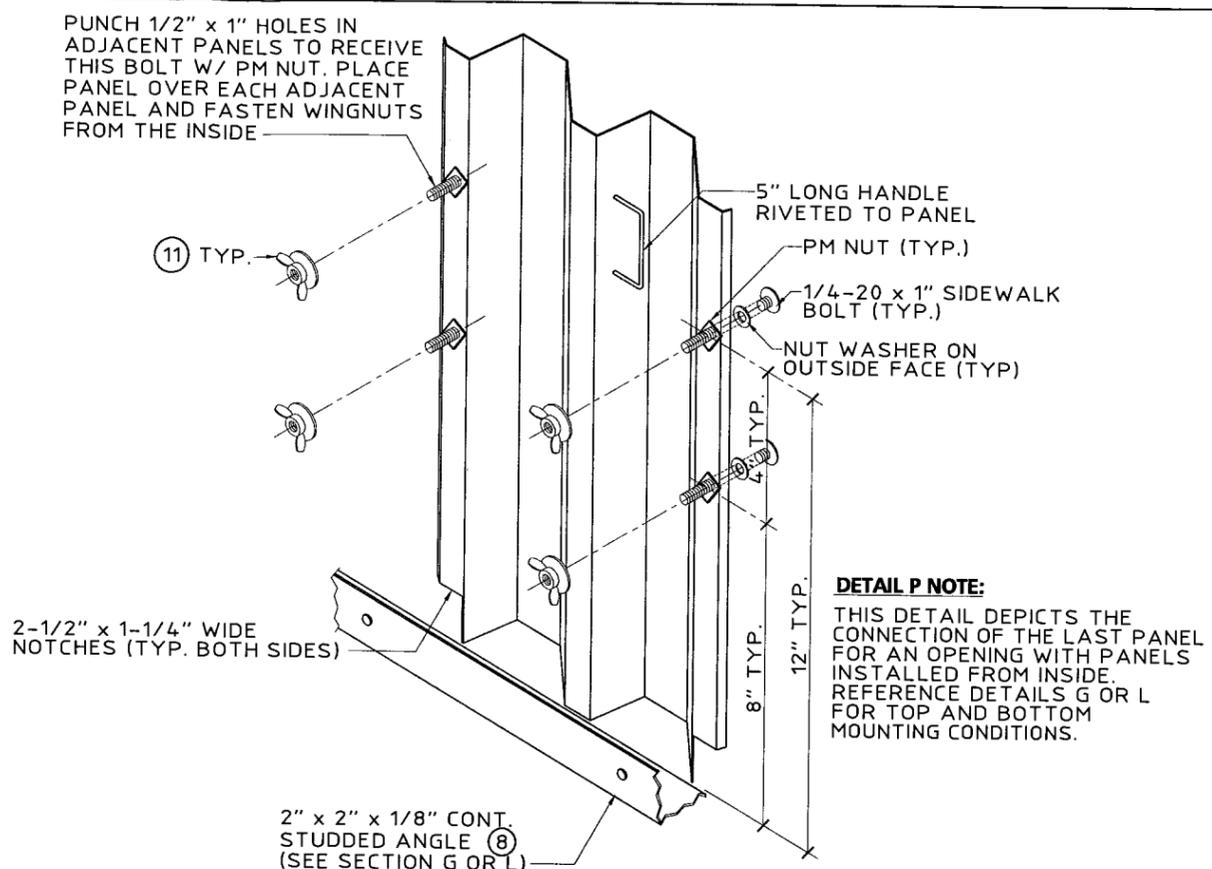
revisions

no	date	by	description
0	09/19/05	NW	PREVIOUSLY DRAWING NO. 00-394
1	02/07/06	NW	OCEAN'S ADDRESS CHANGE ONLY
2	05/16/06	NW	BCCO COMMENTS

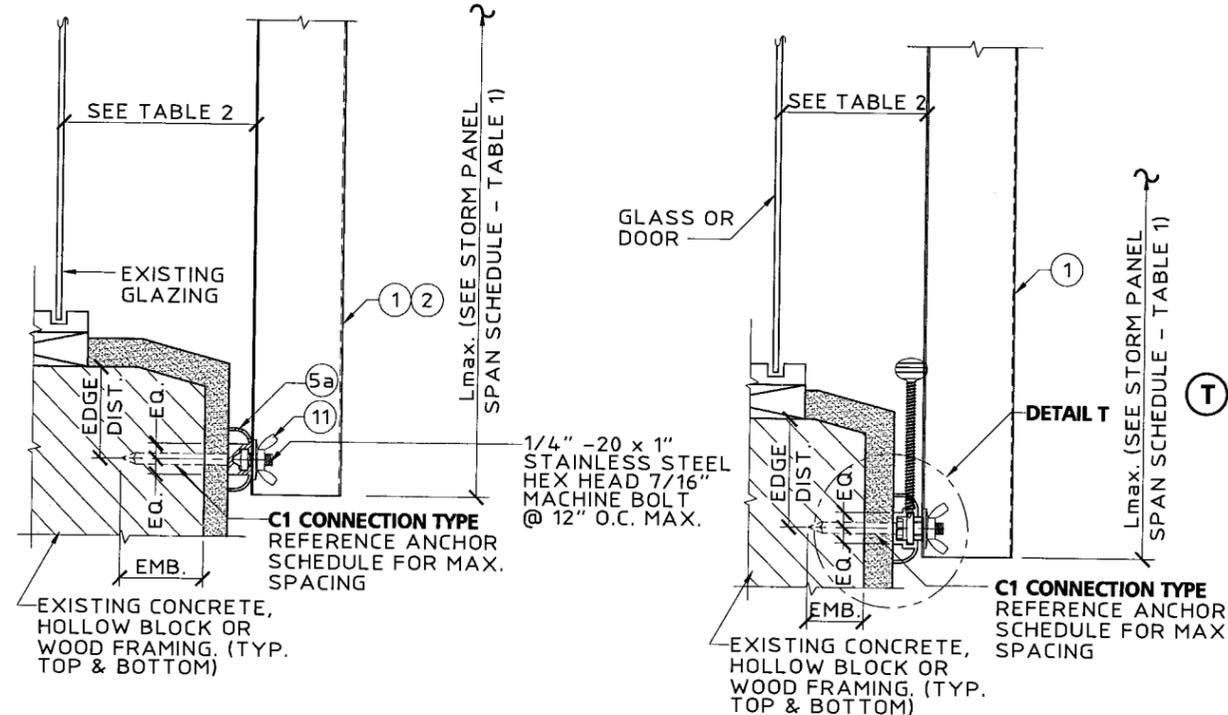
date 09/19/2005
scale AS NOTED
design by NW
checked by VJK
drawing no. 05-473
sheet 2 of 5



(N) **OPTIONAL INTERIOR FASTENING DETAIL**
SCALE: 3" = 1' - 0"
(MAX. PANEL HEIGHT = 8' - 0" AND MAX. DESIGN LOAD = ±62 P.S.F.)

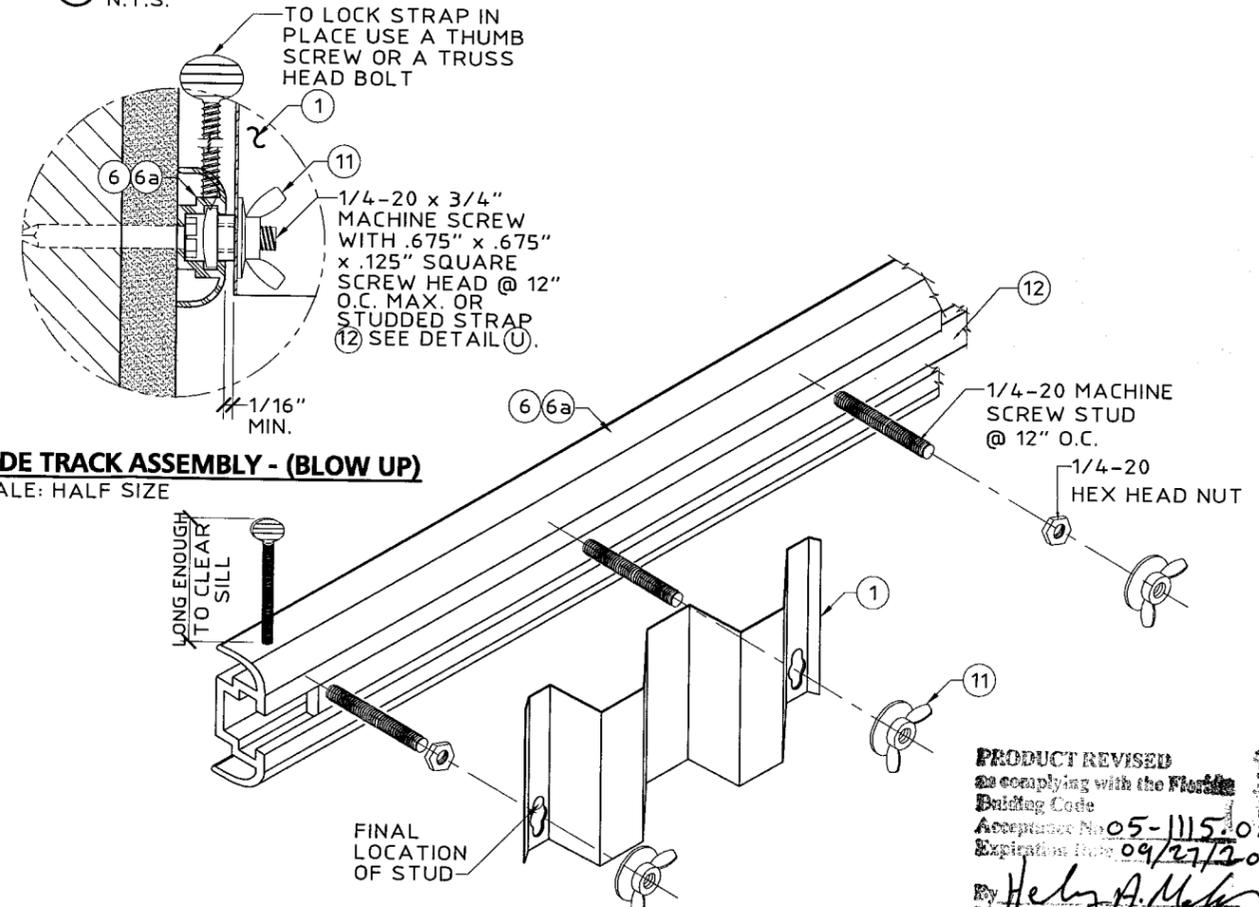


(P) **OPTIONAL INTERIOR FASTENING DETAIL (ISOMETRIC)**
N.T.S.



(R) **C-TRACK ASSEMBLY - INSIDE CLOSURE**
SCALE: 3" = 1' - 0"
NOTE: USE OF DETAIL SHALL BE IN CONJUNCTION WITH AN "h" HEADER OR "U" HEADER TOP MOUNT

(S) **SLIDE TRACK ASSEMBLY - INSIDE MOUNT**
SCALE: 3" = 1' - 0"
NOTE: USE OF DETAIL SHALL BE IN CONJUNCTION WITH AN "h" HEADER OR "U" HEADER TOP MOUNT



(T) **SLIDE TRACK ASSEMBLY - (BLOW UP)**
SCALE: HALF SIZE

(U) **STUDDED STRAP ASSEMBLY (ISOMETRIC VIEW)**
N.T.S.

DETAIL P NOTE:
THIS DETAIL DEPICTS THE CONNECTION OF THE LAST PANEL FOR AN OPENING WITH PANELS INSTALLED FROM INSIDE. REFERENCE DETAILS G OR L FOR TOP AND BOTTOM MOUNTING CONDITIONS.

Thornton-Tomasetti Group
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OSMI MANUFACTURING, INC.

V.J. Knezevich
Professional Engineer
FL License No.: PE 010983
MAY 16 2006

no.	date	by	description
0	09/19/05	NW	PREVIOUSLY DRAWING NO. 00-394
1	02/07/06	NW	OCEAN'S ADDRESS CHANGE ONLY
2	05/16/06	NW	BCCO COMMENTS

PRODUCT REVISED
to comply with the Florida Building Code
Accepted No. 05-1115-04
Expiration Date: 09/27/2011
By: *Heby A. M...*
Division

date: 09/19/2005
Scale: AS NOTED
design by: NW
checked by: VJK
drawing no.: 05-473
sheet 3 of 5

ANCHOR SCHEDULE

FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS

EXIST. STRUC.	ANCHOR TYPE	LOAD (W) P.S.F. MAX. (SEE NOTE 1)	MIN. 2" EDGE DISTANCE															MIN. 3" EDGE DISTANCE														
			SPANS UP TO 5'-6" (SEE NOTE 1)					SPANS UP TO 8'-8" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)					SPANS UP TO 5'-6" (SEE NOTE 1)					SPANS UP TO 8'-8" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)				
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)				
			C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
CONCRETE		48.0	12				12				12				12				12				12				12					
		62.0	12				12				12				12				12				12				12					
		72.0	12				12				12				12				12				12				12					
		92.0	12				12				12				12				12				12				12					
	200.0	10				10				10				10				10				10				10						
		48.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	7	12	12	12	7	12	12	12	12	12	12	12	12		
		62.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12	12		
		72.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12	12		
		92.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12	12		
	200.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12	12			
		48.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12			
		62.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12			
		72.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12			
		92.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12			
	200.0	11	11	4	5	5	11	11	4	5	11	11	4	5	11	11	4	5	12	12	5	7	12	12	5	7	12	12	5	7		
	48.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12				
	62.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12				
	72.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12				
	92.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12				
200.0	11	11	4	5	5	11	11	4	5	11	11	4	5	12	12	5	7	12	12	5	7	12	12	5	7	12	12	5	7			
	48.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12				
	62.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12				
	72.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12				
	92.0	12	12	12	12	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	11	12	12	12	12	12	12	12				
200.0	12	12	4	6	6	12	12	4	6	12	12	4	6	12	12	4	6	12	12	4	6	12	12	4	6	12	12	4	6			
	48.0	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12				
	62.0	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12				
	72.0	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12				
	92.0	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12				
200.0	12	12	5	6	6	12	12	5	6	12	12	5	6	12	12	5	6	12	12	5	6	12	12	5	6	12	12	5	6			
	48.0																															
	62.0																															
	72.0																															
	92.0																															
200.0																																

ANCHOR SCHEDULE

FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS

EXIST. STRUC.	ANCHOR TYPE	LOAD (W) P.S.F. MAX. (SEE NOTE 1)	MIN. 3/4" EDGE DISTANCE																											
			SPANS UP TO 5'-6" (SEE NOTE 1)					SPANS UP TO 8'-8" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)																	
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)																	
			C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5													
WOOD		48.0	12				12				12				12				12				12				12			
		62.0	12				12				12				12				12				12				12			
		72.0	12				12				12				12				12				12				12			
		92.0	12				12				12				12				12				12				12			
	200.0	10				10				10				10				10				10				10				
		48.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12		
		62.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12		
		72.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12		
		92.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12		
	200.0	12	12	8	5	5	12	12	8	5	12	12	8	5	12	12	8	5	12	12	8	5	12	12	8	5	12	12	8	5
		48.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12		
		62.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12		
		72.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12		
		92.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12		
	200.0	10	9	3	4	4	10	9	3	4	10	9	3	4	10	9	3	4	10	9	3	4	10	9	3	4	10	9	3	4
	48.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12			
	62.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12			
	72.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12			
	92.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12			
200.0	10	9	3	4	4	10	9	3	4	10	9	3	4	10	9	3	4	10	9	3	4	10	9	3	4	10	9	3	4	
	48.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12			
	62.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	12	12	12			
	72.0	12	12	12	12	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12	10	12	12	12						

