



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)

Hialeah Aluminum Supply, Inc.
2260 West 76th Street
Hialeah, Florida 33016

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: Aluminum Framed Screen Room

APPROVAL DOCUMENT: Drawing No. 05-299, titled "Insulated Screen Room ", prepared by Tilteco, Inc., sheets 1 through 6 of 6 and sheet 1A of 6, dated 09/21/2005, last revision #1 dated 09/21/2005, signed and sealed by Walter A. Tillit Jr., P.E. on September 23, 2005, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: A permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", shall be attached to the bottom of each chair rail.

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 # **00-1018.02** and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

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



Helmy A. Makar
 07/06/2006

NOA No 05-0929.10
Expiration Date: 01/08/2011
Approval Date: 07/06/2006

Hialeah Aluminum Supply, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #97-0527.08

A. DRAWINGS

Title Insulated Screen Room
Number 97-109 sheets 1 through 6 of 6
Signature Walter A. Tillit Jr., P.E.
Date 04/09/97
Rev. #2 Date 12/01/97

B. TESTS

Laboratory Fenestration Testing Laboratory, Inc.
Numbers 1589
Type Uniform Static Air Pressure Wind Load per ASTM E330 on 3" sandwich panel
Signature Gilbert Diamond, P.E.
Date 04/01/97 reissued 04/23/97

Laboratory ATC Associates Inc.
Number 90931.0009
Type Aluminum Tensile per ASTM E8-96
Signature Peter Read, P.E.
Date 05/08/97

C. CALCULATIONS

Title Screen Room w/3.0" Insulated Aluminum Roof Panel.
Signature Walter A. Tillit Jr., P.E.
Date 04/02/97 and 05/02/97

D. MATERIAL CERTIFICATIONS

- . Mill Certificate Inspection Report, dated 06/11/97, for Aluminum Alloy Temper 3105 H-254 by Decatur Aluminum Corporation, with chemical composition and physical properties.
- . Mill Certificate Inspection Report, dated 11/05/97, for Aluminum Alloy Temper 6063 T-6 by Hialeah Extruders & Finishers, Inc., with chemical composition and physical properties.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 00-1018.02

A. DRAWINGS

1. None.



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-0929.10
Expiration Date: 01/08/2011
Approval Date: 07/06/2006

Hialeah Aluminum Supply, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 05-299, titled " Insulated Screen Room ", prepared by Tilteco, Inc., sheets 1 through 6 of 6 and sheet 1A of 6, dated 09/21/2005, last revision #1 dated 09/21/2005, signed and sealed by Walter A. Tillit Jr., P.E. on September 23, 2005.*

B. TESTS

1. *None.*

C. CALCULATIONS

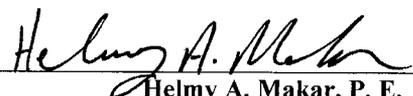
1. *Calculation prepared by Tilteco, Inc., dated September 23, 2005, 22 pages, signed and sealed by Walter A. Tillit Jr., P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-0929.10
Expiration Date: 01/08/2011
Approval Date: 07/06/2006

GENERAL NOTES:

1. THIS INSULATED SCREEN ROOM SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN STRUCTURALLY DESIGNED IN ACCORDANCE WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE. DESIGN WIND LOADS AND LIVE LOADS HAVE BEEN DETERMINED AS PER SECTIONS 1620 AND 1616 RESPECTIVELY OF THE ABOVE MENTIONED CODE, FOR A BASIC WIND SPEED OF 146 m.p.h., EXPOSURE C AND IN ACCORDANCE WITH ASCE 7-98 STANDARD. ROOF PANELS ADEQUACY FOR WIND RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1625 OF THE ABOVE MENTIONED CODE AS PER FTL LAB REPORT # 1589, PER MIAMI-DADE COUNTY TAS-202 PROTOCOL.
2. DEFLECTION FOR COLUMNS, BEAMS AND ROOF PANELS SHALL BE AS FOLLOWS:
 - L/80 FOR ROOF PROJECTIONS FROM EXISTING STRUCTURE LESS THAN OR EQUAL TO 12 FEET WHEN USED FOR RESIDENTIAL OCCUPANCY.
 - L/180 FOR ALL COMMERCIAL PROJECTS AND FOR RESIDENTIAL WHEN ROOF PROJECTION FROM EXISTING STRUCTURE IS GREATER THAN 12 FEET.
3. ALL EXTRUSIONS TO BE 6063-T6 ALUMINUM ALLOY UNLESS OTHERWISE NOTED.
4. THE THICKNESS OF ALL EXTRUSIONS SHALL BE AS SHOWN ON THIS DRAWING. MINIMUM THICKNESS SHALL BE .055" WITH STANDARD TOLERANCES IN ACCORDANCE WITH THE "ALUMINUM STANDARDS AND DATA 2003 EDITION", ALUMINUM ASSOCIATION INCORPORATED, WASHINGTON, D.C.
5. ALUMINUM ROOF PANEL ALLOYS SHALL BE 3105-H154. SCREWS USED FOR ATTACHMENT OF ROOF PANELS TO SUPPORTING STRUCTURE SHALL BE SEALED WITH AN APPROVED SEALANT THROUGHOUT.
6. ALL SCREWS TO BE STAINLESS STEEL AISI 304 OR 316 SERIES WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018.
7. BOLTS TO BE ASTM 307 GALVANIZED OR AISI 304 SERIES STAINLESS STEEL WITH 35 ksi MINIMUM MINIMUM YIELD STRENGTH.
8. ALL CONCRETE SHALL DEVELOP 3000 p.s.i. COMPRESSIVE STRESS AT 28 DAYS. WELDED WIRE FABRIC SHALL COMPLY WITH ASTM A-185.
9. ALL REINFORCING STEEL SHALL BE A.S.T.M. A-615 GRADE 60 DESIGNATION BARS.
10. SCREEN USED ON WALLS SHALL BE 60 PERCENT MINIMUM OPEN.
11. ALUMINUM MEMBERS IN CONTACT WITH CONCRETE SHALL BE PROTECTED WITH ALKALI-RESISTANT COATING, SUCH AS HEAVYBODIED BITUMINOUS PAINT OR WATER-WHITE METHACRYLATE LACQUER ACCORDING TO FLORIDA BUILDING CODE EDITION 2004 SECTION 2003.8.4.4. WHEN ALUMINUM IS IN CONTACT WITH PRESSURE TREATED WOOD, IT SHALL BE IN ACCORDANCE WITH THE F.B.C. SECTION 2003.8.4.6.
12. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE THE STRUCTURE WHERE SCREEN ROOM IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE.
13. MINIMUM SOIL BEARING CAPACITY TO BE 2000 p.s.f.
14. CONCRETE AND MASONRY ANCHORS SHALL BE TAPCON TYPE ANCHORS, AS MANUFACTURED BY I.T.W. BUILDDEX, OR ELCO TEXTRON, OR POWER BOLTS, AS MANUFACTURED BY POWERS FASTENERS, INC., DIAMETERS AND LENGTHS SHALL BE AS SPECIFIED ON DRAWINGS. MINIMUM PENETRATION OF TAPCON ANCHORS INTO CONCRETE BLOCK IS 1 1/4" AND 1 3/4" FOR CONCRETE. MINIMUM PENETRATION IS IN ADDITION TO ANY ADDED LENGTH REQUIRED TO PENETRATE EXISTING WALL FINISH, PRECAST STONE, PRECAST CONCRETE PANELS, PAVERS OR TILES THAT COULD BE COVERING THE POURED CONCRETE OR CONCRETE BLOCK WALL OR FLOOR.

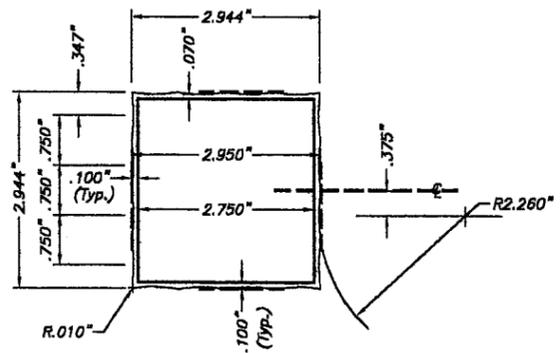
Signature
9/23/05

15. THIS STRUCTURE SHALL BE CONSTRUCTED ATTACHED TO A PERMANENT STRUCTURE WITH POURED CONCRETE OR CONCRETE BLOCK WALL WITH A HEIGHT EQUAL OR LESS THAN 20'-0". THIS STRUCTURE SHALL BE INSTALLED WITH ITS ROOF ELEVATION EQUAL OR LESS THAN 15'-0" HIGH ABOVE GROUND LEVEL.
16. SEAL AND CAULK EVERY FASTENER USED TO CONNECT ROOF PANELS TO SUPPORTING FRAME AND AT JOINTS BETWEEN PANELS.
17. ELECTRIC SERVICE DROP CONDUCTORS OR ANY OVERHEAD WIRING SHALL NOT EXIST OR BE INSTALLED OVER ANY PART OF THIS STRUCTURE.
18. THIS ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY AT SITE WHICH IS THE CONTRACTOR'S RESPONSIBILITY.
19. (a) THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.
 (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS PRODUCT APPROVAL PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
 (c) THIS PRODUCT APPROVAL DOCUMENT WILL BE CONSIDERED INVALID IF MODIFIED.
 (d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. PROFESSIONAL OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
 (e) THIS P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.
20. ROOF PANEL MANUFACTURER'S LABEL SHALL BE PLACED ON THE EXPOSED SURFACE OF THE PANEL APPROXIMATELY 4" FROM THE EDGE OF SUCH PANEL. LABEL SHALL BE AS FOLLOW:
 HIALEAH ALUMINUM SUPPLY, INC.
 HIALEAH, FLORIDA.
 MIAMI-DADE COUNTY PRODUCT APPROVED.

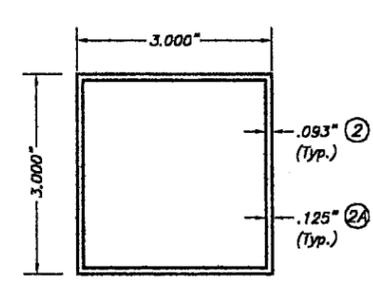
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 05-0929.10
 Expiration Date 01/08/2011
 By *Helmy A. Mahr*
 Miami Dade Product Control
 Division

F.B.C. (High Velocity Hurricane Zone)

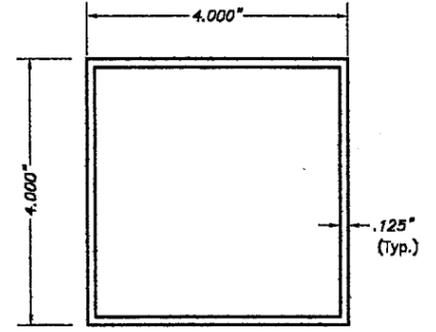
COPYRIGHT 2005 TILTECO, INC.		INSULATED SCREEN ROOM		DRAWN BY: J.J.V.	
 TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6350 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 EB-0008719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167		HIALEAH ALUMINUM SUPPLY, INC.		9/21/05 DATE	
		2280 W. 76th STREET HIALEAH, FLORIDA 33018 PH:(305)821-0103, FAX:(305)823-1523		05-299 DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 97-108	9/21/05	3		
2			4		
					SHEET 1 OF 6



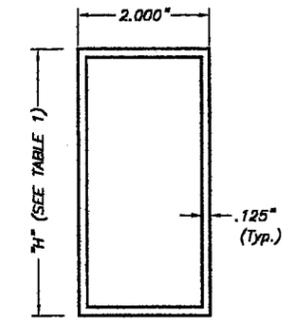
① 3" x 3" FLUTED POST
SCALE: 3/8" = 1"



②, ②A 3" x 3" COLUMN
SCALE: 3/8" = 1"



③ 4" x 4" COLUMN
SCALE: 3/8" = 1"



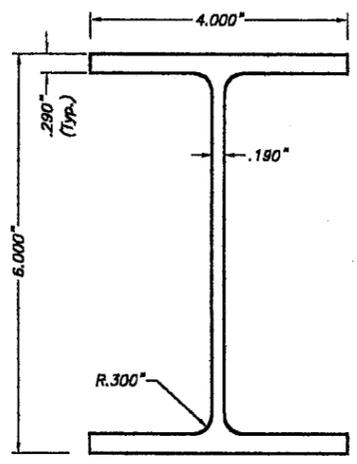
④ ⑤ ⑥ & ⑦ RECTANGULAR BEAM
SCALE: 3/8" = 1"

TABLE 1

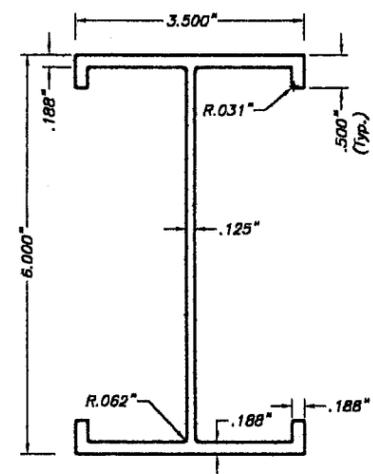
MARK	"H"
④	3"
⑤	4"
⑥	5"
⑦	6"

TABLE 2

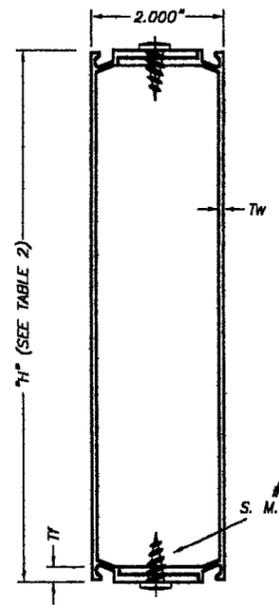
MARK	"H"	Tw	Tf
⑩	4"	.055"	.104"
⑪	6"	.055"	.120"
⑫	7"	.070"	.264"
⑬	8"	.082"	.224"
⑭	9"	.072"	.450"



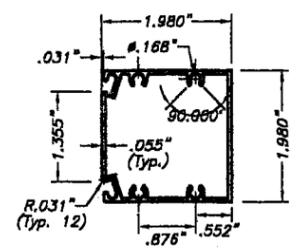
⑧ "I" BEAM
SCALE: 3/8" = 1"



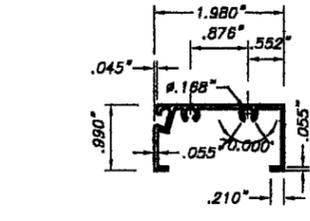
⑨ "I" BEAM
SCALE: 3/8" = 1"



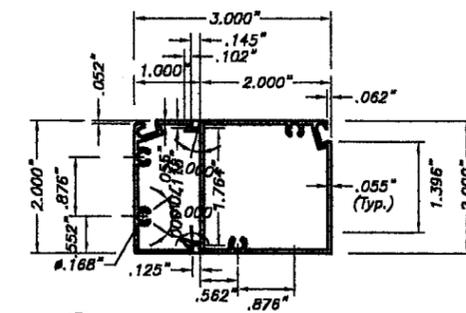
⑩ ⑪ ⑫ ⑬ & ⑭ LAP BEAM
SCALE: 3/4" = 1"



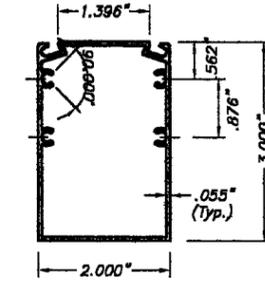
⑮ 2" x 2" PATIO SECTION
SCALE: 3/8" = 1"



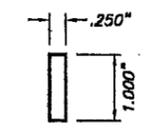
⑯ 1" x 2" PATIO SECTION
SCALE: 3/4" = 1"



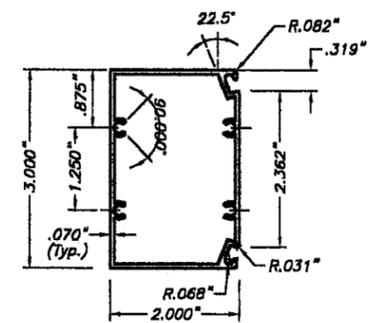
⑰ CORNER COLUMN
SCALE: 3/8" = 1"



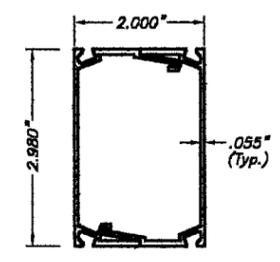
⑱ 2" x 3" PATIO SECTION
SCALE: 3/8" = 1"



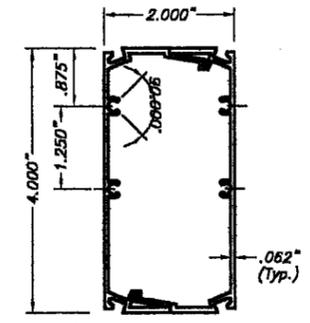
⑲ 1" FLAT BAR
6063-T5 ALUMINUM ALLOY
SCALE: 3/8" = 1"



⑳ 2" x 3" PANEL TUBE
SCALE: 3/8" = 1"



㉑ 2" x 3" SNAP COLUMN
SCALE: 3/8" = 1"



㉒ 2" x 4" SNAP BEAM/COLUMN
SCALE: 3/8" = 1"

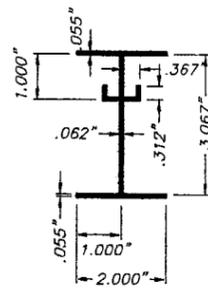
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0929.10
Expiration Date 01/08/2011
By *Helmut A. Miller*
Miami Dade Product Control
Division

F.B.C. (High Velocity Hurricane Zone)

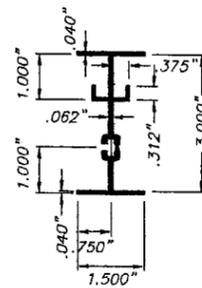
[Signature]
9/23/05

COPYRIGHT 2005 TILTECO, INC. TILLIT TESTING & ENGINEERING COMPANY 8355N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33188 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167		INSULATED SCREEN ROOM HIALEAH ALUMINUM SUPPLY, INC. 2260 W. 76th STREET HIALEAH, FLORIDA 33018 PH:(305)821-0103, FAX:(305)823-1523		DRAWN BY: J.J.V. 9/21/05 DATE 05-299 DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 87-108	9/21/05	3		
2			4		

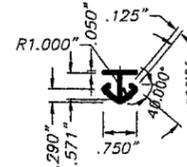
SHEET 1A OF 6



(A) 2" x 3" PURLIN



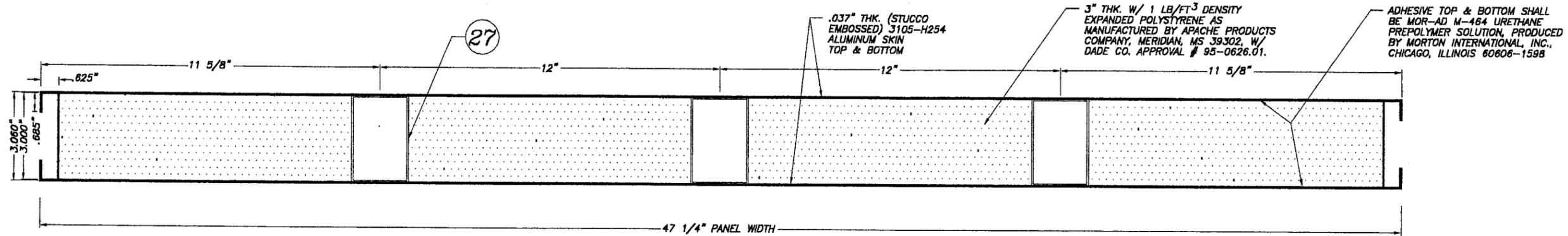
(B) THERMAL FILL-PURLIN



(C) CLIP

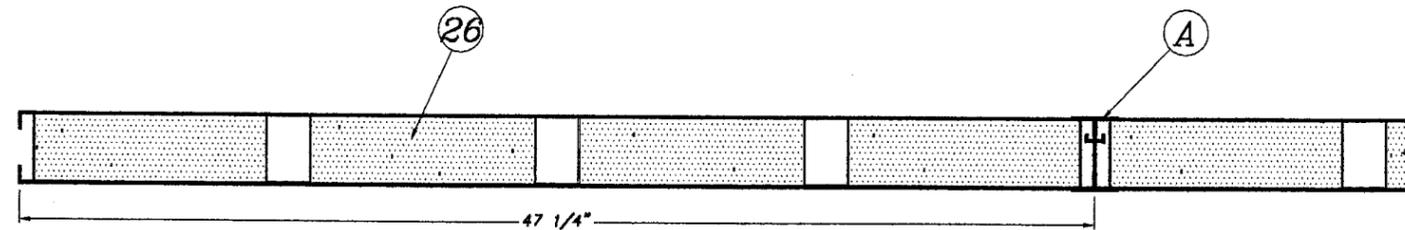
PANEL CONNECTORS

SCALE: 1/4" = 1"

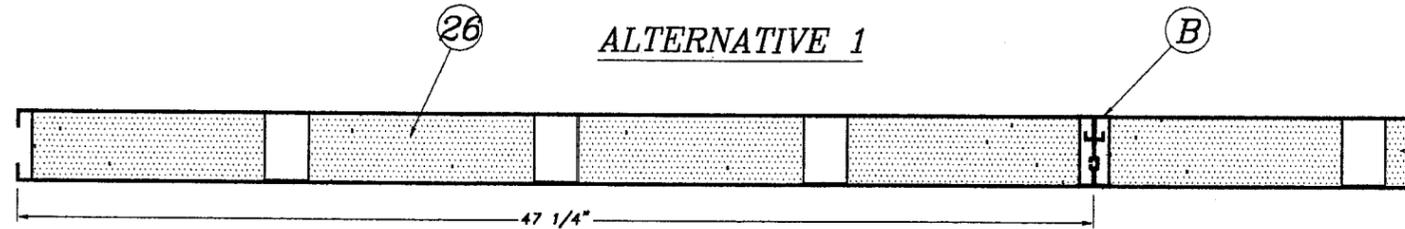


(26) ROOF PANEL SECTION

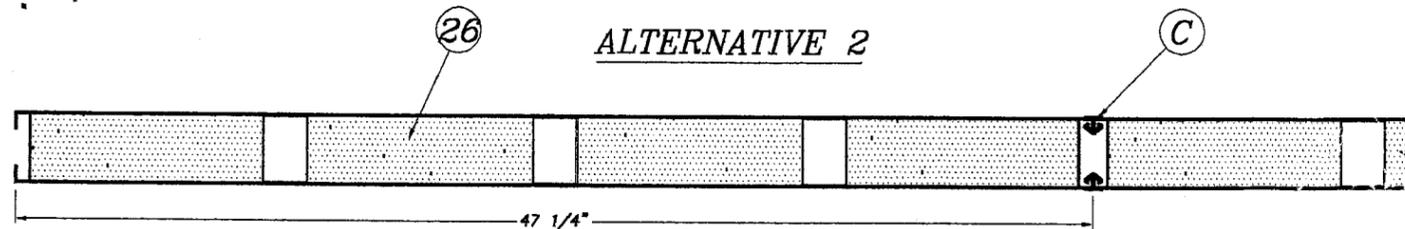
SCALE: 1/4" = 1"



ALTERNATIVE 1



ALTERNATIVE 2



ALTERNATIVE 3

ALTERNATIVES FOR SIDE LAP PANEL CONNECTION

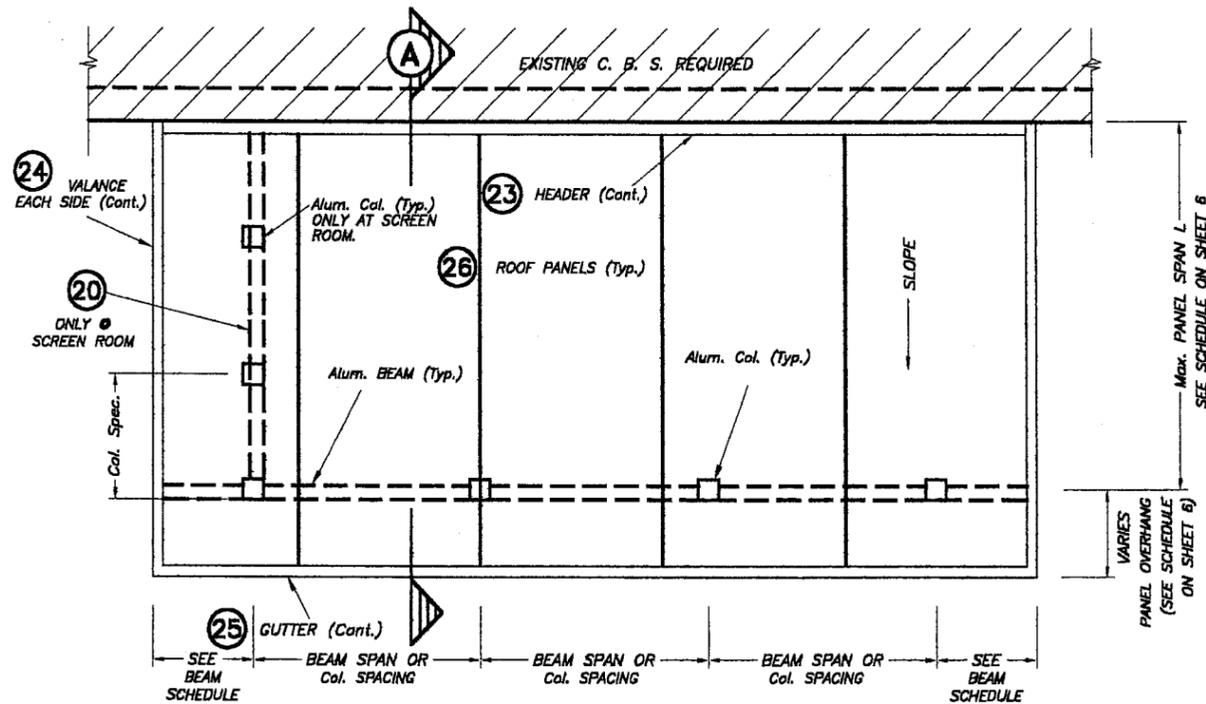
SCALE: 1/8" = 1"

PRODUCT REVISED
as complying with the Florida
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By *Heather A. Miller*
Miami Dade Product Control
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F.B.C. (High Velocity Hurricane Zone)

COPYRIGHT 2005 TILTECO, INC.		INSULATED SCREEN ROOM		DRAWN BY: J.J.V.	
 TILTECO Inc. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1830 Fax: (305)871-1831 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. 44167		HIALEAH ALUMINUM SUPPLY, INC.		9/21/05 DATE	
		2360 W. 76th STREET HIALEAH, FLORIDA 33016 PH:(305)821-0103, FAX:(305)823-1523		05-299 DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 97-109	9/21/05	3		
2			4		
					SHEET 2 OF 6

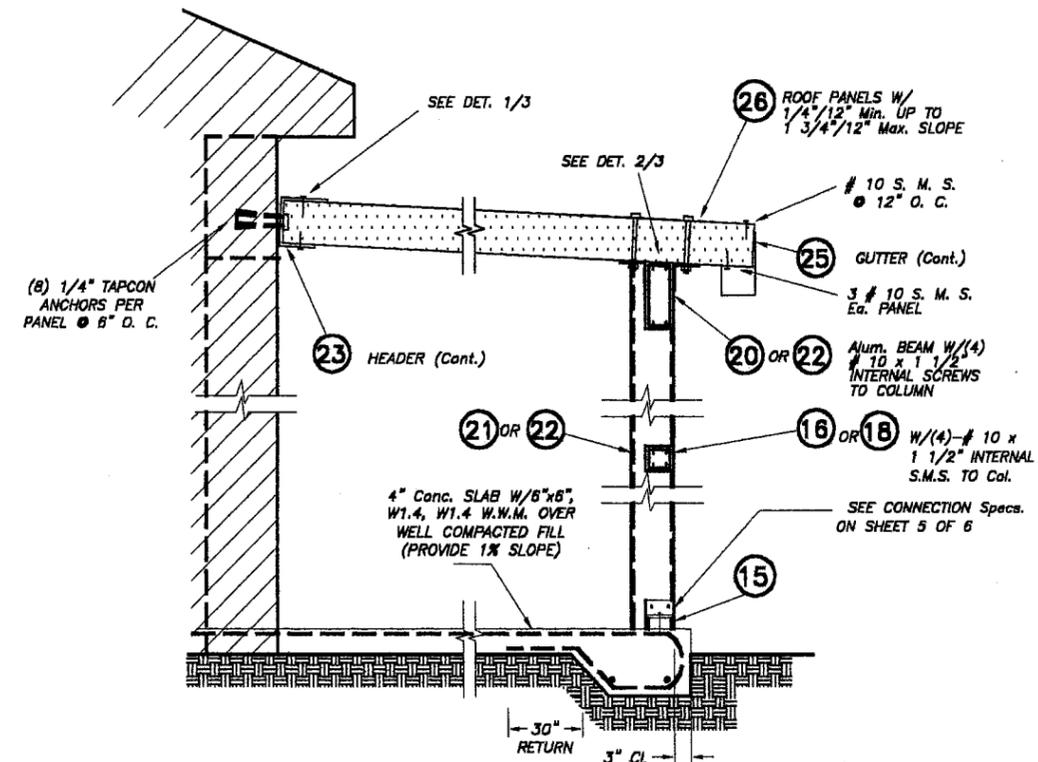
Handwritten signature and date: 8/23/05



ROOF PLAN—MONOSLOPE ROOF
SCREEN ROOM (W/ OR W/O SCREEN)

N. T. S.

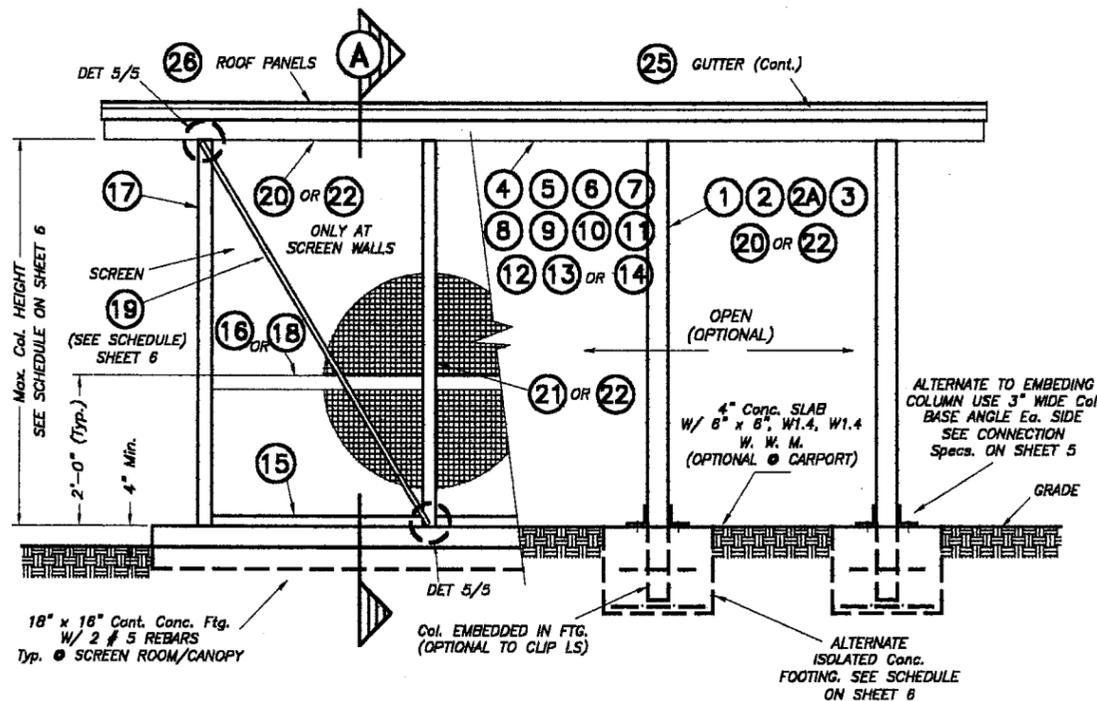
NOTE: SEE BEAM & COLUMN SCHEDULE ON SHEET 6 OF 6.



SECTION A N. T. S.

NOTE:
 FOR SCREEN ROOMS ONLY,
 ALWAYS USE 20 BEAM
 W/ 21 OR 22 COLUMN
 & 22 BEAM W/ 22
 COLUMN

PRODUCT REVISED
 as complying with the Florida
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 Acceptance No 05-0929.10
 Expiration Date 01/08/2011
 By *Helmut A. Heiser*
 Miami Dade Product Control
 Division



ELEVATION—MONOSLOPE ROOF
SCREEN ROOM (W/ OR W/O SCREEN)

N. T. S.

COPYRIGHT 2005 TILTECO, INC.

TILTECO inc.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33186
 Phone: (305)871-1530 • Fax: (305)871-1531
 EB-0006719
 WALTER A. TILLIT JR., P. E.
 FLORIDA Lic. 44167

F.B.C. (High Velocity Hurricane Zone)

INSULATED SCREEN ROOM

HIALEAH ALUMINUM SUPPLY, INC.
 2280 W. 78th STREET
 HIALEAH, FLORIDA 33018
 PH:(305)821-0103, FAX:(305)823-1523

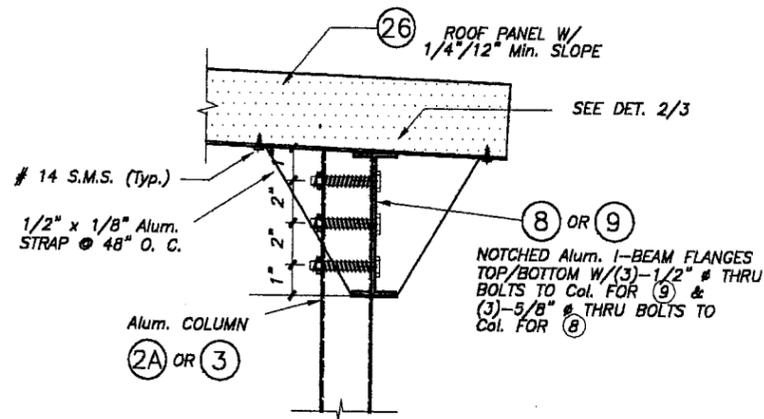
9/21/05 DATE

05-299 DRAWING No

SHEET 4 OF 6

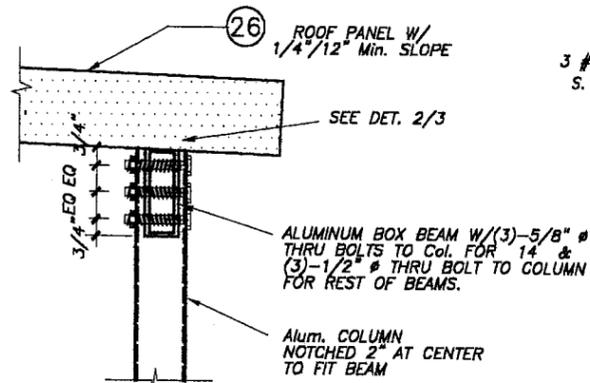
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 87-108	9/21/05	3		
2			4		

9/23/05



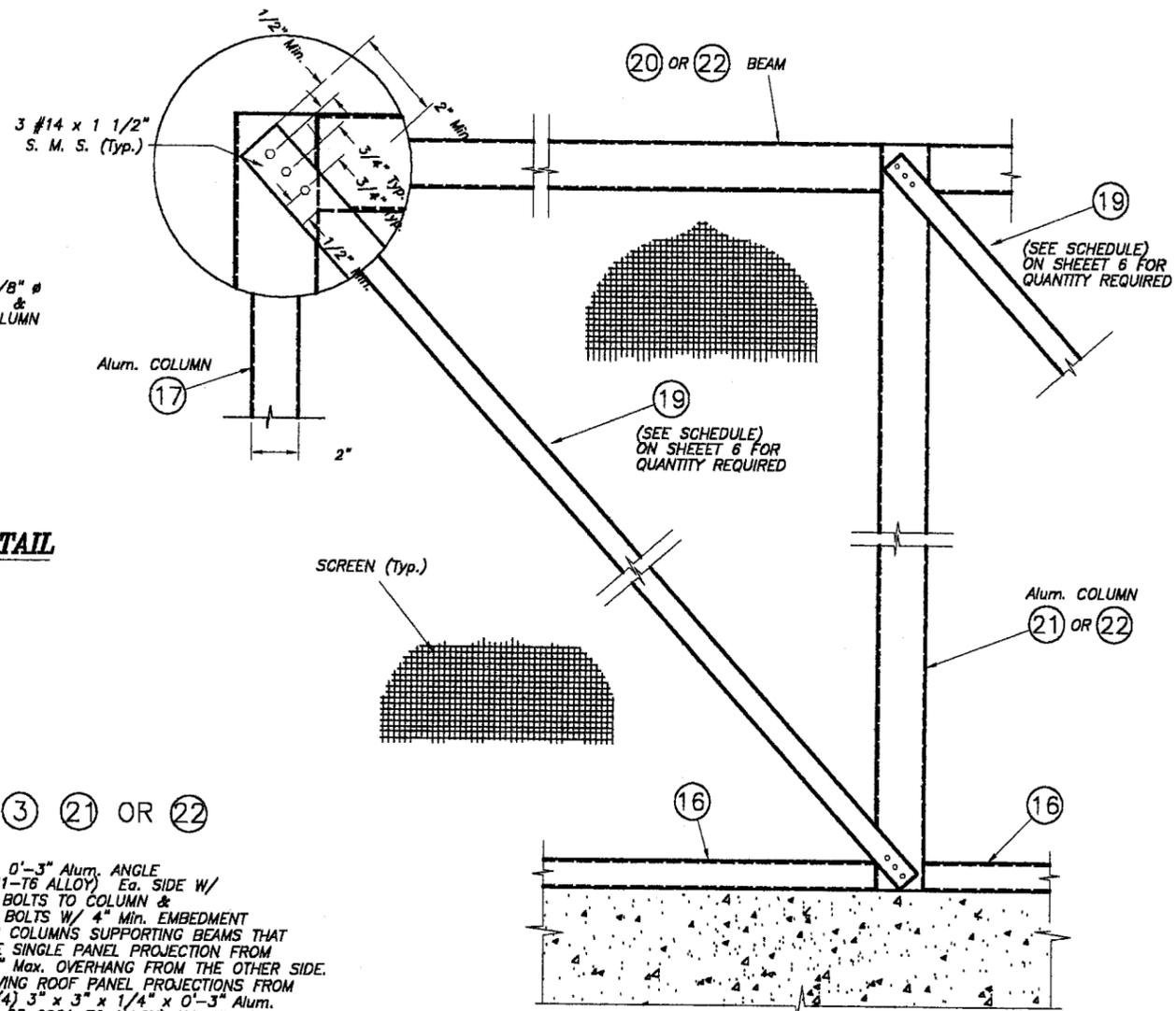
I-BEAM/COLUMN CONNECTION DETAIL

N. T. S.



BOX BEAM/COLUMN CONNECTION DETAIL

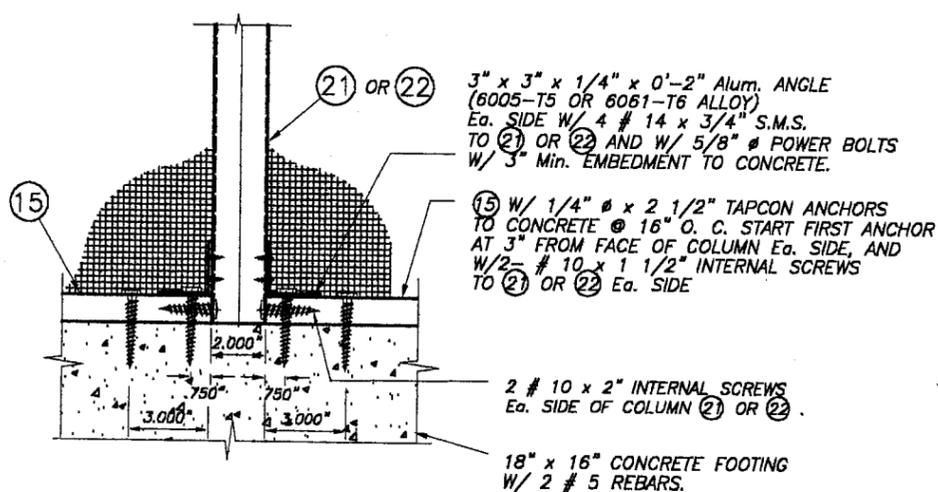
N. T. S.



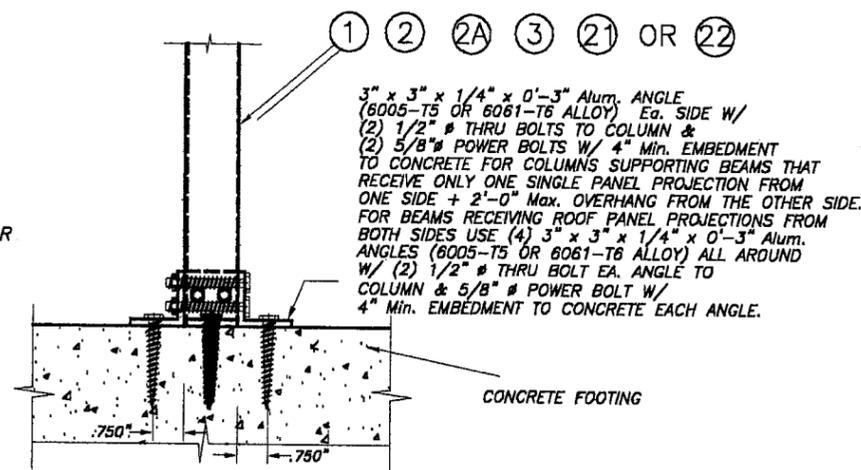
DETAIL 5 : BRACING CONNECTION DETAIL (ELEVATION)

N. T. S.

NOTE : THIS DETAIL IS ONLY REQUIRED FOR SCREEN ROOMS. FRONT WALLS



CASE 1



CASE 2

COLUMN CONNECTION TO FOOTING

N. T. S.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 05-0929.10
 Expiration Date 01/08/2011
 By *Helmy A. Helmy*
 Miami Dade Product Control
 Division

F.B.C. (High Velocity Hurricane Zone)

COPYRIGHT 2005 TILTECO, INC.		INSULATED SCREEN ROOM		DRAWN BY: J.J.V.	
 TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6365N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL. 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT JR., P. E. FLORIDA Lic. 44167		HIALEAH ALUMINUM SUPPLY, INC.		9/21/05 DATE	
		2260 W. 76th STREET HIALEAH, FLORIDA 33016 PH:(305)821-0103, FAX:(305)823-1523		05-299 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 87-108	9/21/05	3		
2			4		
					SHEET 5 OF 6

[Signature]
9/23/05

BEAM SCHEDULE MAXIMUM SPAN FOR A GIVEN TRIBUTARY WIDTH *

L/80
L/180

BEAM TYPE	TRIBUTARY WIDTH *								MAXIMUM BEAM OVERHANG
	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	
④	5'-8"	5'-2"	4'-10"	4'-6"	4'-3"	4'-0"	3'-10"	3'-8"	1'-7"
	4'-5"	4'-2"	3'-11"	3'-9"	3'-7"	3'-6"	3'-5"	3'-4"	1'-7"
⑤	6'-11"	6'-4"	5'-10"	5'-6"	5'-2"	4'-11"	4'-8"	4'-6"	2'-0"
	5'-7"	5'-3"	5'-0"	4'-10"	4'-7"	4'-5"	4'-3"	4'-2"	2'-0"
⑥	8'-2"	7'-5"	6'-10"	6'-5"	6'-1"	5'-9"	5'-6"	5'-3"	2'-5"
	6'-9"	6'-4"	6'-0"	5'-9"	5'-9"	5'-4"	5'-2"	5'-0"	2'-5"
⑦	9'-3"	8'-6"	7'-10"	7'-4"	6'-10"	6'-6"	6'-3"	6'-10"	2'-10"
	7'-11"	7'-5"	7'-0"	6'-9"	6'-5"	6'-3"	6'-1"	5'-10"	2'-5"
⑧ **	10'-10"	10'-2"	9'-8"	9'-8"	9'-8"	9'-8"	9'-8"	9'-3"	4'-0"
	10'-10"	10'-2"	9'-8"	9'-2"	8'-10"	8'-6"	8'-3"	8'-0"	4'-0"
⑨ **	9'-8"	9'-8"	9'-8"	9'-4"	8'-9"	8'-4"	7'-11"	7'-7"	3'-7"
	9'-6"	8'-11"	8'-6"	8'-2"	7'-10"	7'-6"	7'-4"	7'-1"	3'-2"
⑩	5'-10"	5'-3"	4'-11"	4'-7"	4'-4"	4'-2"	3'-10"	3'-9"	1'-7"
	4'-11"	4'-8"	4'-5"	4'-3"	4'-1"	3'-11"	3'-10"	3'-8"	1'-7"
⑪	7'-9"	7'-1"	6'-7"	6'-2"	5'-10"	5'-6"	5'-2"	5'-0"	2'-5"
	7'-0"	6'-7"	6'-3"	6'-0"	5'-9"	5'-6"	5'-2"	5'-0"	2'-5"
⑫ **	9'-8"	9'-8"	9'-6"	8'-10"	8'-4"	7'-11"	7'-6"	7'-2"	3'-7"
	9'-8"	9'-1"	8'-6"	8'-2"	7'-11"	7'-7"	7'-5"	7'-2"	3'-2"
⑬ **	10'-5"	9'-10"	9'-8"	9'-5"	8'-10"	8'-5"	8'-0"	7'-8"	3'-7"
	10'-5"	9'-10"	9'-4"	8'-11"	8'-7"	8'-3"	8'-0"	7'-8"	3'-2"
⑭ **	12'-2"	11'-5"	10'-10"	10'-4"	10'-0"	9'-8"	9'-4"	9'-0"	4'-8"
	12'-2"	11'-5"	10'-10"	10'-4"	10'-0"	9'-8"	9'-4"	9'-0"	4'-0"
⑳ ***	4'-4"	4'-7"	3'-8"	3'-6"	-	-	-	-	1'-2"
	3'-8"	3'-8"	3'-4"	3'-2"	-	-	-	-	1'-2"
㉑ ***	5'-1"	4'-7"	4'-3"	4'-0"	3'-10"	3'-7"	3'-5"	3'-3"	1'-7"
	4'-6"	4'-3"	4'-0"	3'-10"	3'-8"	3'-7"	3'-5"	3'-3"	1'-7"

* TRIBUTARY WIDTH: - ROOF SPAN (FROM WALL TO FRONT BEAM)/2 + OVERHANG FOR ROOFS ATTACHED TO BUILDING.
 - ROOF SPAN (FROM BEAM TO BEAM) FOR ROOF ATTACHED TO BUILDING WITH MULTIPLE BAYS.

** ⑧, ⑨, ⑫, ⑬ & ⑭ BEAMS SHALL ONLY BE USED JOINTLY WITH COLUMNS ② OR ③.

*** ALWAYS USE ⑳ BEAM W/ ㉑ OR ㉒ COL. & ㉑ BEAM W/ ㉒ COL. (NEVER USE ㉑ BEAM W/ ㉑ COL.)

COLUMN SCHEDULE

MAXIMUM COLUMN SPACING (Ft.) * FOR A GIVEN HEIGHT,

TYPE OF COLUMN AND TYPE OF STRUCTURE WHERE COLUMN IS LOCATED

COLUMN TYPE	SCREEN ROOMS W/ ROOF ATTACHED TO PERMANENT BUILDING					
	WITH SCREEN WALLS			W/O SCREEN WALLS		
	7'-0"	7'-6"	8'-0"	8'-0"	9'-0"	10'-0"
①	-	-	-	***	***	-
②	-	-	-	***	***	***
②A	-	-	-	***	***	***
③	-	-	-	***	***	***
②1	4'-5"	3'-11"	-	8'-4"	6'-7"	-
	-	-	-	8'-4"	6'-7"	-
②2	**	**	**	***	14'-3"	-
	**	**	4'-6"	***	14'-3"	-

* Max. COLUMN SPACING SHALL NOT EXCEED Max. BEAM SPAN AS PER BEAM SCHEDULE FOR A GIVEN BEAM TYPE.

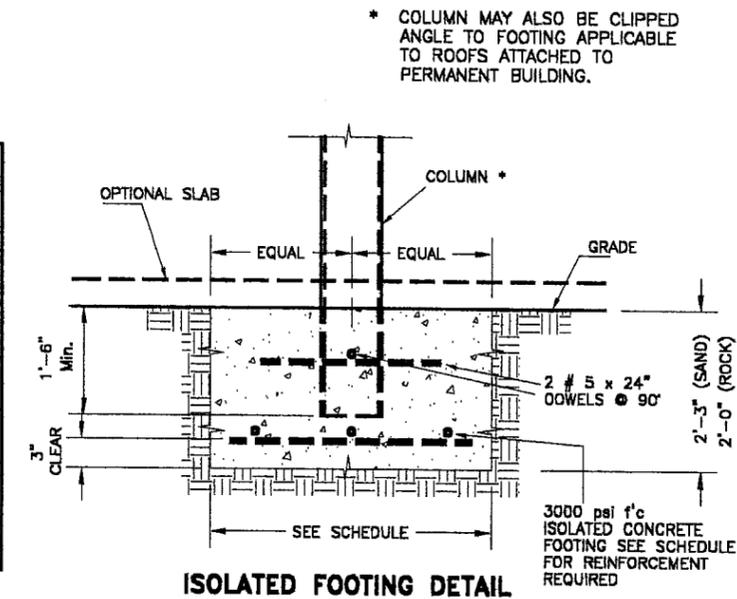
** LIMITED BY BEAM SPAN AS PER BEAM SCHEDULE BUT NOT TO EXCEED 7'-0".

*** LIMITED BY BEAM SPAN AS PER BEAM SCHEDULE.

MINIMUM FOOTING SIZE FOR A GIVEN ROOF TRIBUTARY AREA BEARING ON COLUMNS

ROOF AREA BEARING OR COLUMN (Ft.²)*	REQUIRED FOOTING SIZE IN SAND/ROCK	REINFORCING STEEL EQUALLY SPACED EACH WAY. SAND/ROCK
144	5'-6" x 5'-6" 3'-3" x 3'-3"	5 # 4 REBARS 4 # 4 REBARS
120	5'-0" x 5'-0" 2'-10" x 2'-10"	5 # 4 REBARS 3 # 4 REBARS
90	4'-4" x 4'-4" 2'-2" x 2'-2"	4 # 4 REBARS 3 # 4 REBARS
60	3'-6" x 3'-6" 2'-0" x 2'-0"	4 # 4 REBARS 3 # 4 REBARS
40	2'-10" x 2'-10" 2'-0" x 2'-0"	3 # 4 REBARS 3 # 4 REBARS
25	2'-2" x 2'-2" 2'-0" x 2'-0"	3 # 4 REBARS 3 # 4 REBARS

* ROOF PANEL SPAN x BEAM SPAN (INTERIOR COLUMNS) OR (ROOF PANEL SPAN/2 + O. H.) x BEAM SPAN (END COLUMNS)



Max. ROOF PANEL SPAN SCHEDULE

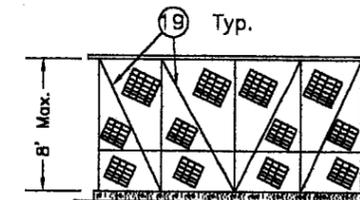
SPAN CONDITION	Max. SPAN "L"	
	L/80	L/180
	10'-10"	9'-1"
	11'-1"	9'-2"
	11'-4"	9'-5"
	11'-10"	11'-10"
	11'-10"	11'-3"

STRAP ⑱ SCHEDULE

(REQ'D ONLY AT SCREEN ROOM W/ SCREEN WALLS)

ROOF PROJECTION P (ft.)	TOTAL NUMBER OF STRAPS AT FRONT WALL
11'-0" OR LESS	2
>11'-0" TO 22'-0" Max.	4

P = DISTANCE FROM EXISTING WALL TO FRONT SCREEN WALL



FRONT WALL ELEV.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 05-0929.10 Expiration Date 01/08/2011 By *Walter A. Tillit Jr.* Miami Dade Product Control Division

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 EB-0006719
 WALTER A. TILLIT Jr., P. E.
 FLORIDA Lic. 44167

INSULATED SCREEN ROOM

HIALEAH ALUMINUM SUPPLY, INC.

2860 W. 76th STREET
 HIALEAH, FLORIDA 33016
 PH:(305)821-0103, FAX:(305)823-1523

REV. NO. DESCRIPTION DATE REV. NO. DESCRIPTION DATE

1	OLD 97-109	9/21/05	3		
2			4		

DRAWN BY: J.J.V.
 9/21/05 DATE
 05-299 DRAWING No
 SHEET 6 OF 6

Walter A. Tillit Jr.
 9/23/05