



MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

**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

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

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

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

**CONTRACTOR ENFORCEMENT SECTION**  
(305) 375-2966 FAX (305) 375-2908

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

Your application for Product Approval of:

***Screen Room with 3" Rise Roof Panel System***

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 approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime 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 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.:**00-0509.02

**Expires:**05/08/2003

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 Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.

Director  
Miami-Dade County  
Building Code Compliance Office

**Approved:**06/08/2000



**Hialeah Aluminum Supply, Inc.**

ACCEPTANCE No. : 00-0509.02

APPROVED : JUN 08 2000

EXPIRES : 05/08/2003

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This renews the Notice of Acceptance No. 96-1101.03, which was issued on May 8, 1997. It approves an aluminum screen room, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

This aluminum screen room and its components shall be constructed in strict compliance with the following documents: Drawing No. 96-313 titled "Screen Room", prepared by Tilteco, Inc., dated October 8, 1996, last revision #1 dated March 21, 1997, signed and sealed by Walter A. Tillit, Jr., P.E., sheets 1 through 5 of 5, bearing the Miami-Dade County Product Control Approval and Renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

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

**4. INSTALLATION**

This aluminum screen room and its components shall be installed in strict compliance with the approved drawings.

**5. 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 and at each roof panel.

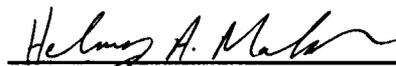
**6. BUILDING PERMIT REQUIREMENTS**

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

**6.1.1** This Notice of Acceptance.

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

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



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

**Hialeah Aluminum Supply, Inc.**

**ACCEPTANCE No. : 00-0509.02**

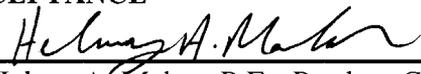
**APPROVED : JUN 0 8 2000**

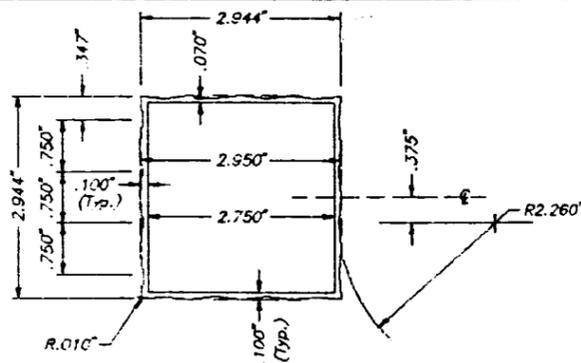
**EXPIRES : 05/08/2003**

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

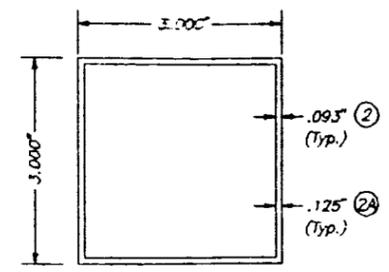
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the 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**

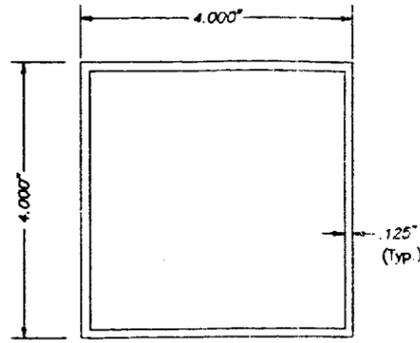
  
\_\_\_\_\_  
Helmy A. Makar, P.E.- Product Control Examiner  
Product Control Division



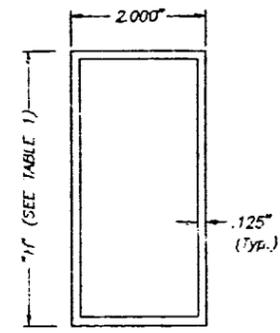
① 3" x 3" FLUTED POST  
SCALE: 3/8" = 1"



②, ②A 3" x 3" COLUMN  
SCALE: 3/8" = 1"



③ 4" x 4" COLUMN  
SCALE: 3/8" = 1"



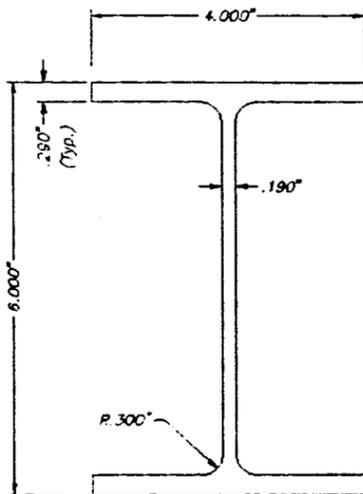
④ ⑤ ⑥ & ⑦ RECTANGULAR BEAM  
SCALE: 3/8" = 1"

TABLE 1

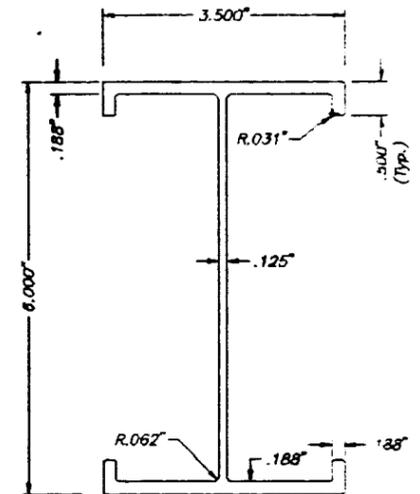
MARK	"H"
④	5"
⑤	4"
⑥	5"
⑦	6"

GENERAL NOTES:

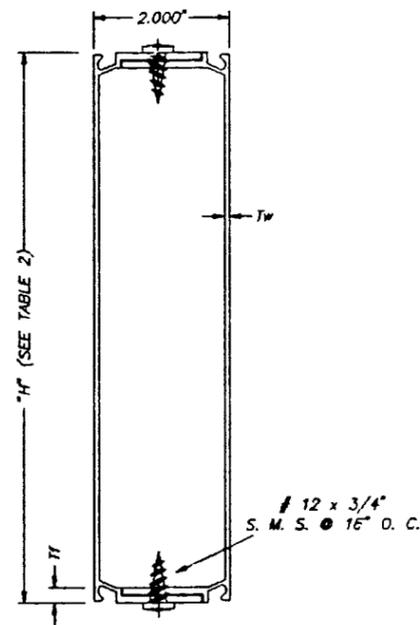
- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH CHAPTERS 23, 28 & 44 OF THE 1994 EDITION OF THE SOUTH FLORIDA BUILDING CODE. WIND VELOCITY CONSIDERED IS 110 m.p.h. DESIGN WIND LOAD AS PER SECTION 6 OF ASCE 7-88.
- DEFLECTION FOR COLUMNS, BEAMS AND ROOF PANELS SHALL BE AS FOLLOWS:  
- L/180 FOR 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.
- ALL EXTRUSIONS TO BE 6063-T6 ALUMINUM ALLOY UNLESS OTHERWISE NOTED.
- 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 1988 EDITION", ALUMINUM ASSOCIATION INCORPORATED, WASHINGTON, D. C.
- ALUMINUM ROOF PANEL ALLOYS SHALL BE 3105-H154.
- ALL SCREWS TO BE 304 SERIES STAINLESS STEEL OR 2024-T4 ALUMINUM ALLOY.
- ALL BOLTS TO BE A. S. T. M. A-307 GALVANIZED STEEL OR 2024-T4 ALUMINUM ALLOY.
- ALL CONCRETE SHALL DEVELOP 3000 p.s.i. COMPRESSIVE STRESS AT 28 DAYS. WELDED WIRE FABRIC SHALL COMPLY W/ ASTM A-185.
- ALL REINFORCING STEEL SHALL BE A.S.T.M. A-615 GRADE 60 DESIGNATION BARS.
- SCREEN USED ON WALLS SHALL BE 60 PERCENT MINIMUM OPEN.
- ALUMINUM MEMBERS IN CONTACT WITH CONCRETE AND WOOD SHALL BE PROTECTED BY KOPPERS BITUMINOUS PAINT ACCORDING TO S.F.B.C. SECTION 3004.4 (d) AND (e). WHEN ALUMINUM IS IN CONTACT WITH PRESSURE TREATED WOOD, IT SHALL BE IN ACCORDANCE WITH THE S.F.B.C. SECTION 3004.4 (f).
- IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE SCREEN ROOM IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE.
- MINIMUM SOIL BEARING CAPACITY TO BE 2000 p.s.f.
- CONCRETE AND MASONRY ANCHORS SHALL BE TAPCON TYPE ANCHORS, AS MANUFACTURED BY I.T.W./RAMSET OR ELGO INDUSTRIES, INC., OR RED HEAD WEDGE ANCHORS, AS MANUFACTURED BY I.T.W./RAMSET. DIAMETERS AND LENGTHS SHALL BE AS SPECIFIED ON DRAWINGS. MINIMUM PENETRATION INTO MASONRY IS 1 1/4". MINIMUM PENETRATION INTO CONCRETE IS 1 3/4". MINIMUM MINIMUM PENETRATION IS IN ADDITION TO ANY ADDED LENGTH REQUIRED TO PENETRATE EXISTING PRECAST STONE, PRECAST CONCRETE PANELS, PAVERS OR TILES THAT COULD BE COVERING THE CONCRETE OR MASONRY WALL OR FLOOR.
- THIS STRUCTURE SHALL BE CONSTRUCTED FREE STANDING OR ATTACHED TO A C.B.S. WITH MEAN ROOF HEIGHT EQUAL OR LESS THAN 60'-0". NOTIFY THIS ENGINEER IF THE ABOVE CONDITION IS NOT COMPLIED WITH. THIS STRUCTURE SHALL BE INSTALLED LESS THAN 15'-0" HIGH ABOVE GROUND LEVEL.



⑧ "I" BEAM  
SCALE: 3/8" = 1"



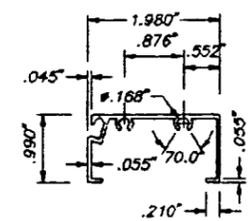
⑨ "I" BEAM  
SCALE: 3/8" = 1"



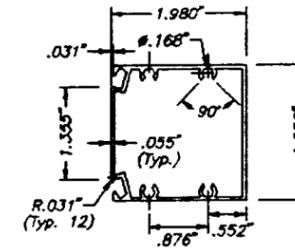
⑩ ⑪ ⑫ ⑬ & ⑭ LAP BEAM  
SCALE: 3/4" = 1"

TABLE 2

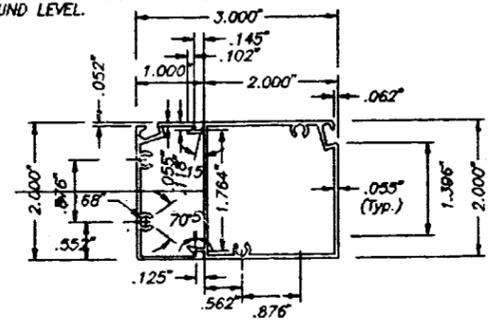
MARK	"H"	T <sub>w</sub>	T <sub>f</sub>
⑩	4"	.055"	.104"
⑪	6"	.055"	.120"
⑫	7"	.070"	.264"
⑬	8"	.082"	.224"
⑭	9"	.072"	.450"



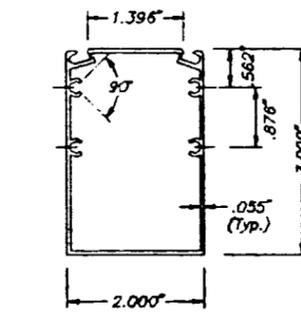
⑮ 1" x 2" PATIO SECTION  
SCALE: 3/8" = 1"



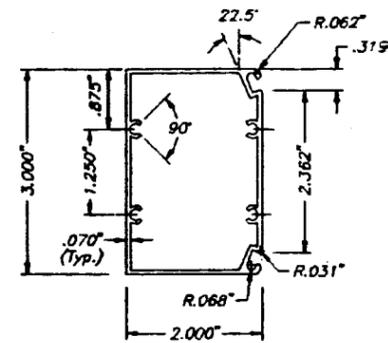
⑯ 2" x 2" PATIO SECTION  
SCALE: 3/8" = 1"



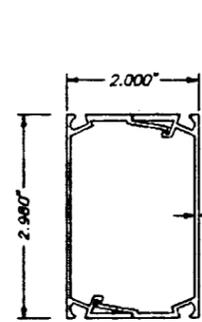
⑰ CORNER COLUMN  
SCALE: 3/8" = 1"



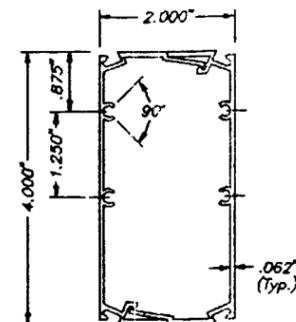
⑱ 2" x 3" PATIO SECTION  
SCALE: 3/8" = 1"



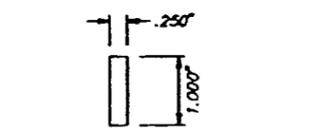
⑳ 2" x 3" PANEL TUBE  
SCALE: 3/4" = 1"



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



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



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

PRODUCT RENEWED

ACCEPTANCE No. 00-0509.02  
EXPIRATION DATE May 08, 2003  
By *Helmut H. Mader*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE MAY 8 1997  
BY *Helmut H. Mader*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 96-1101.03

DADE COUNTY

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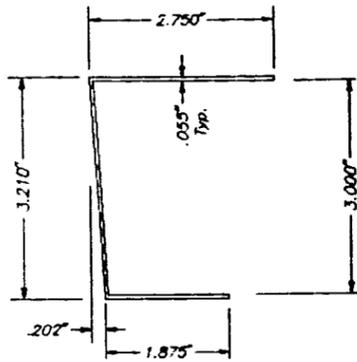
**TILTECO INC.**

TILLIT TESTING & ENGINEERING COMPANY  
6095 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33198  
Phone: (305)871-1530 Fax: (305)871-1531

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

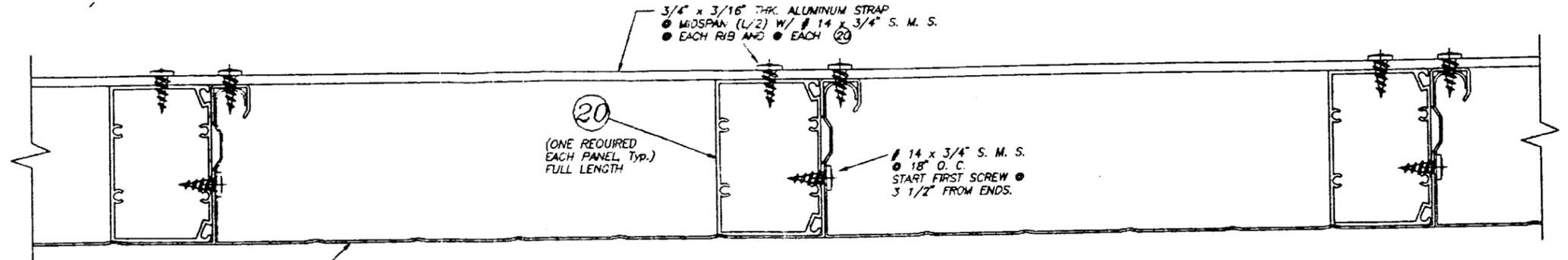
SCREEN ROOM		AS SHOWN SCALE	
HIALEAH ALUMINUM SUPPLY, INC.		10/8/98 DATE	
2360 W. 78th STREET HIALEAH, FLORIDA 33016		96 - 313 DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. No
1	GENERAL	3/21/97	3
2			4

SHEET 1 OF 5



23 HEADER

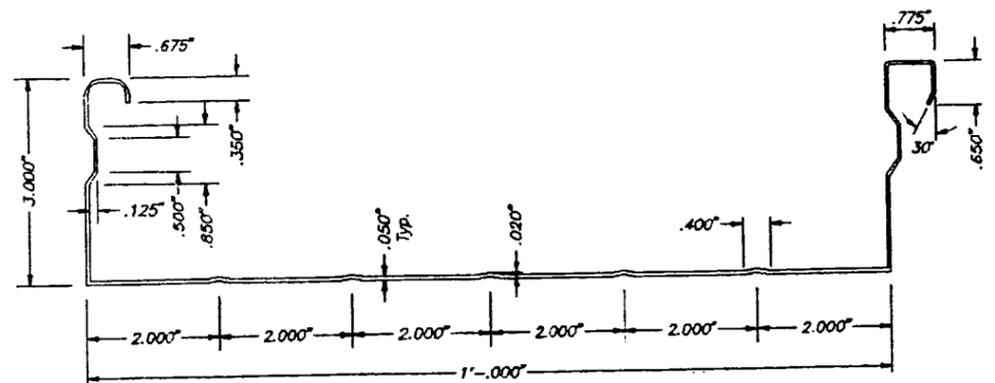
SCALE: 3/8" = 1"



26 ROOF PANEL SECTION

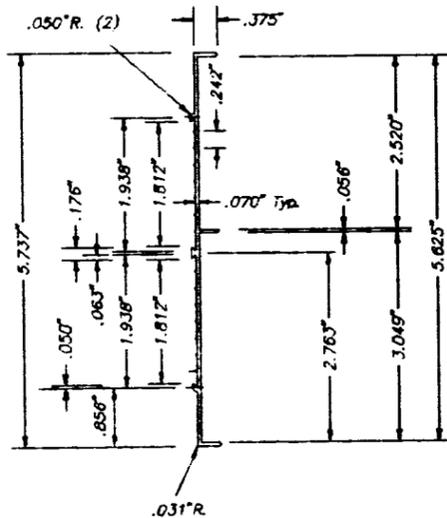
SCALE: 3/8" = 1"

SEE DETAIL "P" FOR PANEL CONFIGURATION



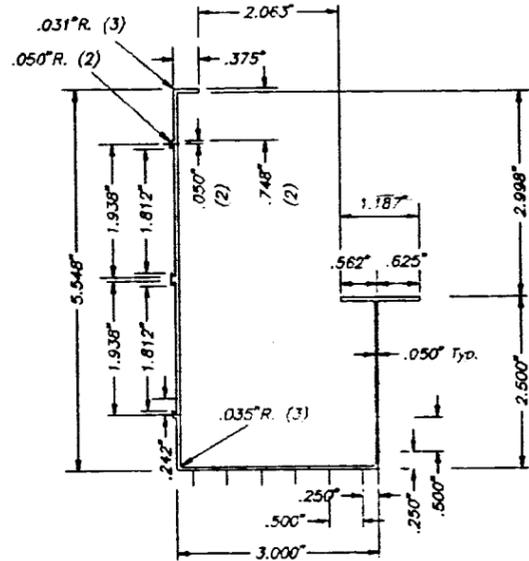
DETAIL "P" PANEL CONFIGURATION

SCALE: 3/8" = 1"



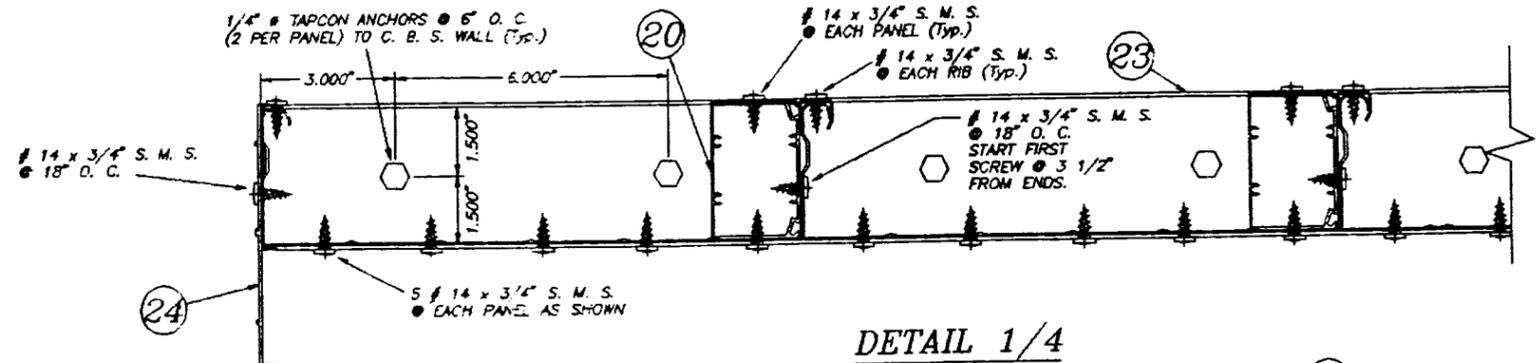
24 VALANCE

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



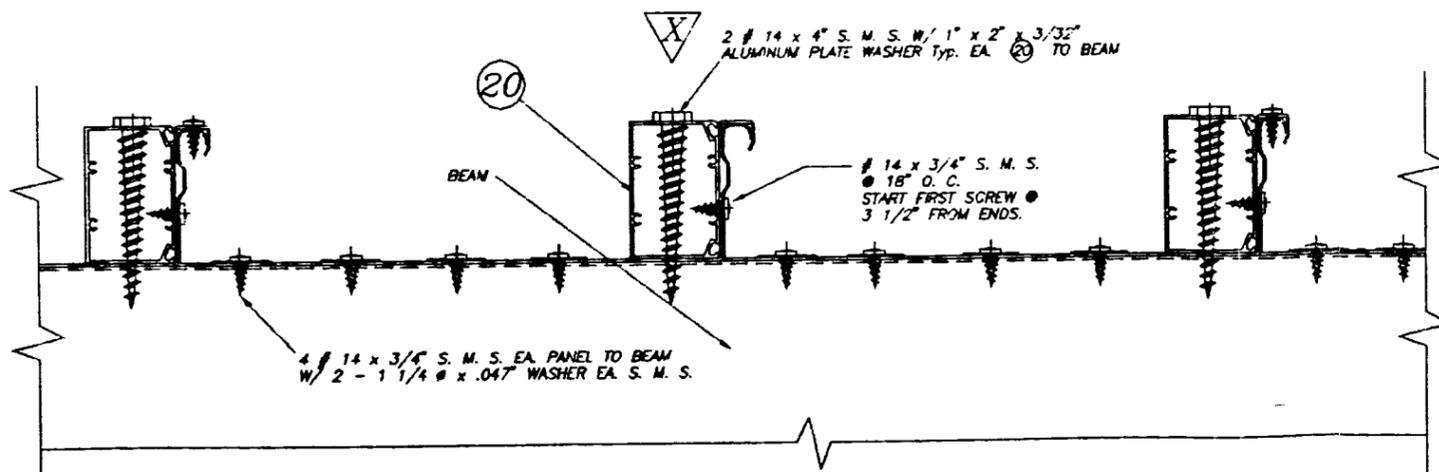
25 "T" GUTTER

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



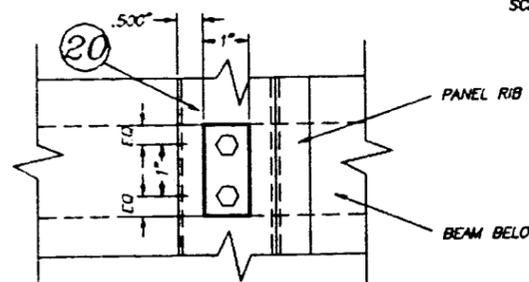
DETAIL 1/4  
PANEL 26 CONNECTION TO HEADER 23

SCALE: 1/4" = 1"



DETAIL 2/4  
PANEL 26 CONNECTION TO BEAMS

SCALE: 1/4" = 1"



DETAIL X

SCALE: 1/4" = 1"

**PRODUCT RENEWED** APPROVED AS COMPLYING WITH THE  
ACCEPTANCE No. 00-0509.02 SOUTH FLORIDA BUILDING CODE  
DATE MAY 8 1997  
EXPIRATION DATE May 08, 2003 BY *Walter A. Tillit*  
By *Walter A. Tillit* PRODUCT CONTROL DIVISION  
PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE  
BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 96-1101.03

DADE COUNTY

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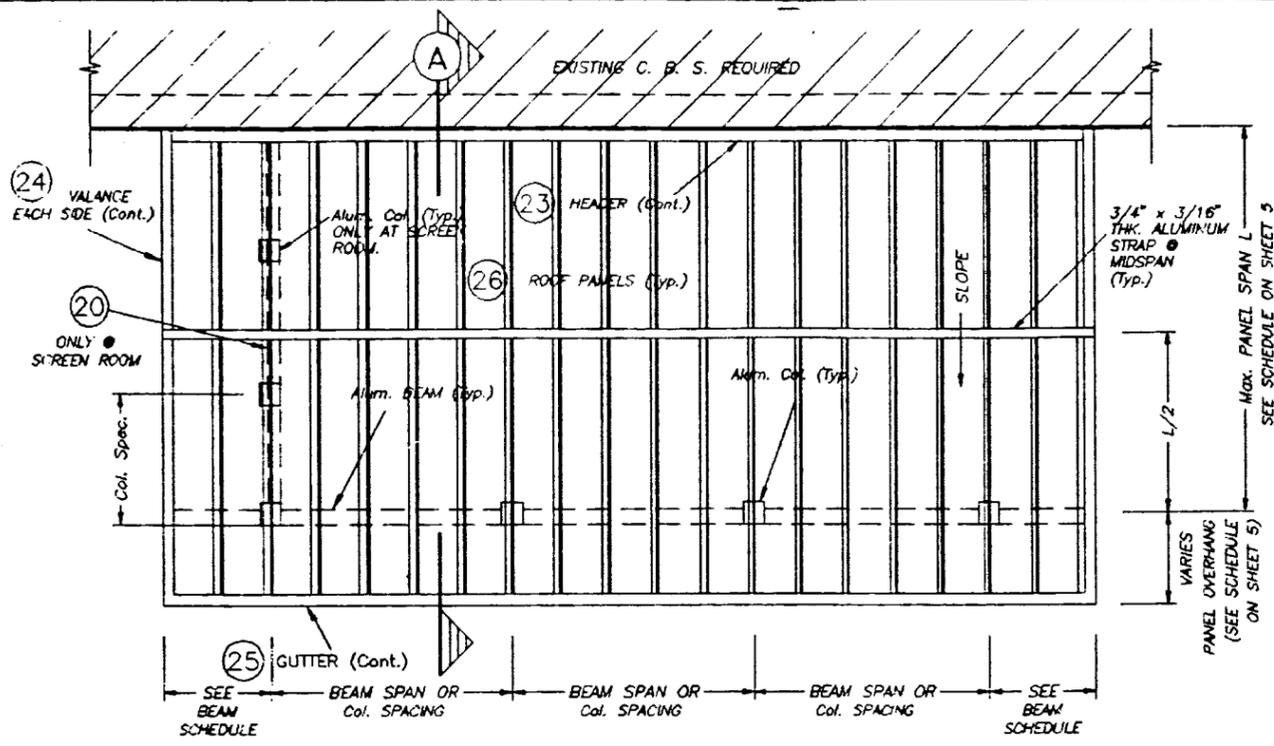
**TILTECO INC.**

TILLIT TESTING & ENGINEERING COMPANY  
6025 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33196  
Phone: (305)871-1530 Fax: (305)871-1531

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

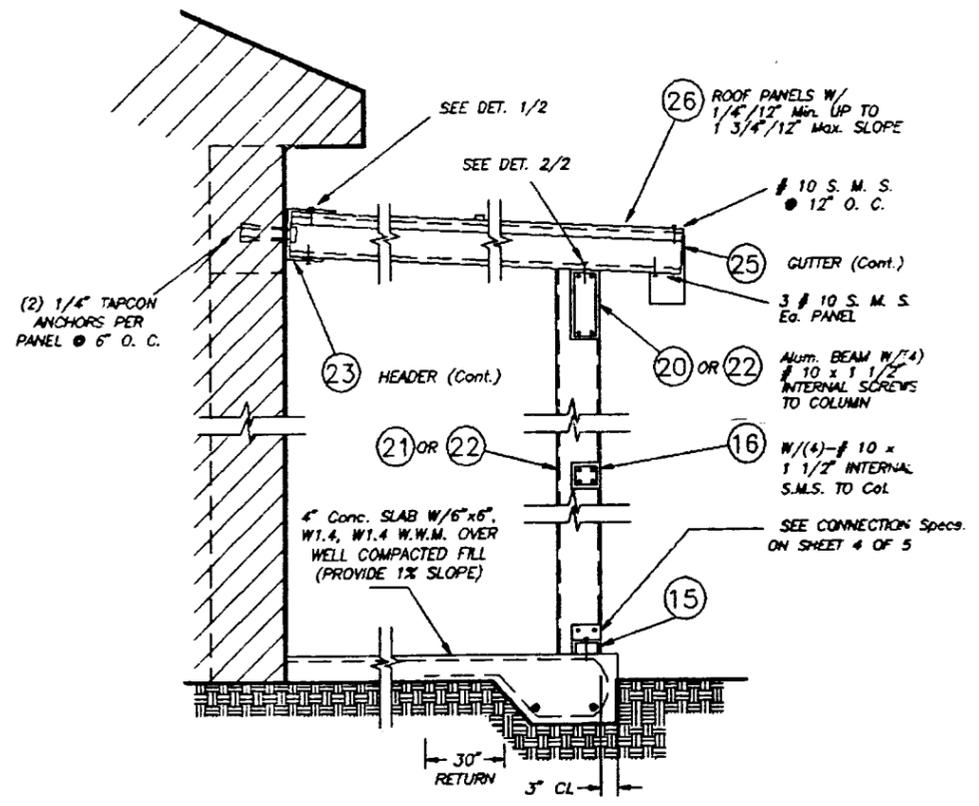
SCREEN ROOM		AS SHOWN SCALE
HIALEAH ALUMINUM SUPPLY, INC.		10/8/96 DATE
2360 W. 76th STREET HIALEAH, FLORIDA 33015		96 - 313 DRAWING No
REV. NO	DESCRIPTION	DATE
1	GENERAL	3/21/97
2		
3		
SHEET 2 OF 5		

*Drawn by*  
3/29/97

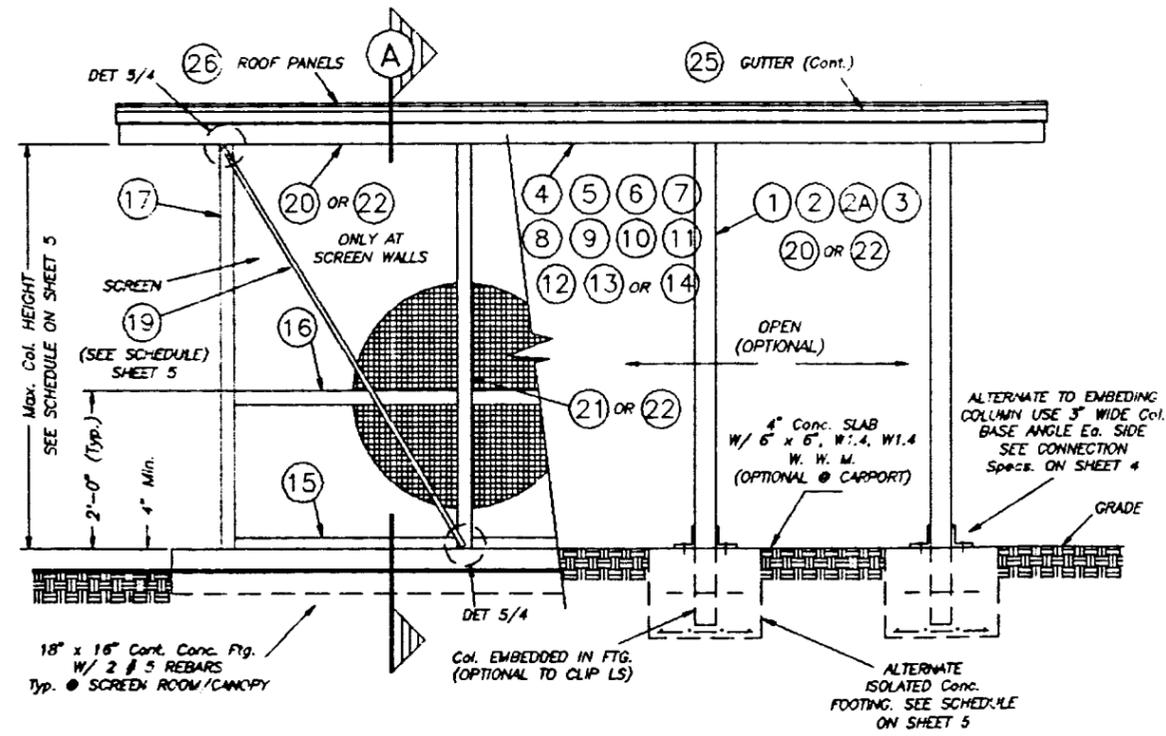


**ROOF PLAN-MONOSLOPE ROOF**  
**SCREEN ROOM (W/ OR W/O SCREEN)**  
 N. T. S.

NOTE: SEE BEAM & COLUMN SCHEDULE ON SHEET 5 OF 5.



**SECTION A** N. T. S.



**ELEVATION-MONOSLOPE ROOF**  
**SCREEN ROOM (W/ OR W/O SCREEN)**  
 N. T. S.

**NOTE :**  
 FOR SCREEN ROOMS ONLY,  
 ALWAYS USE (20) BEAM  
 W/ (21) OR (22) COLUMN  
 & (23) BEAM W/ (22)  
 COLUMN

**PRODUCT RENEWED**  
 ACCEPTANCE No. 00-0509.02  
 EXPIRATION DATE May 08, 2003  
 By *Walter A. Tilt Jr.*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE MAY 8 1997  
 BY *Walter A. Tilt Jr.*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 96-1101.03

DADE COUNTY

COPYRIGHT 1996 TILTECO, INC.

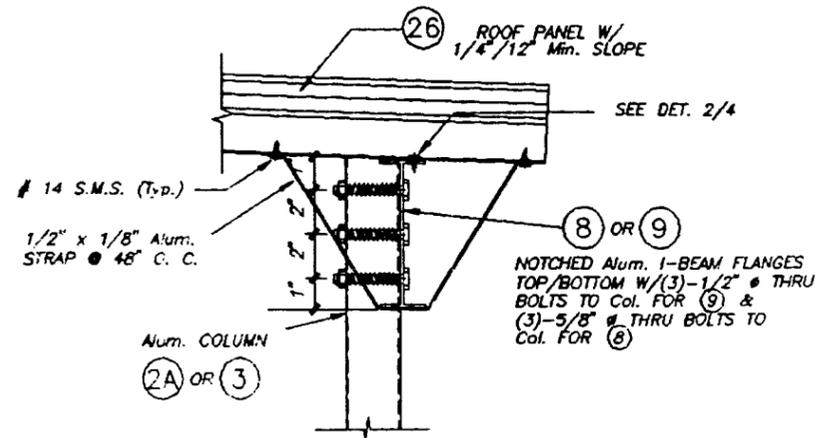
TILLIT TESTING & ENGINEERING COMPANY  
 2585 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33186  
 Phone : (305)871-1530 . Fax : (305)871-1531

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

SCREEN ROOM		AS SHOWN SCALE	
HIALEAH ALUMINUM SUPPLY, INC.		10/8/96 DATE	
2360 W. 76th STREET HIALEAH, FLORIDA 33018		96 - 313 DRAWING No	
REV. NO	DESCRIPTION	DATE	BY
1	GENERAL	3/21/97	3
2			4

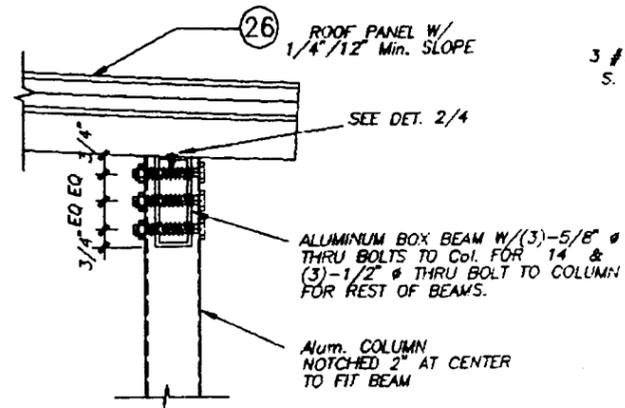
SHEET 3 OF 5

*Drawn by*  
 3/21/97



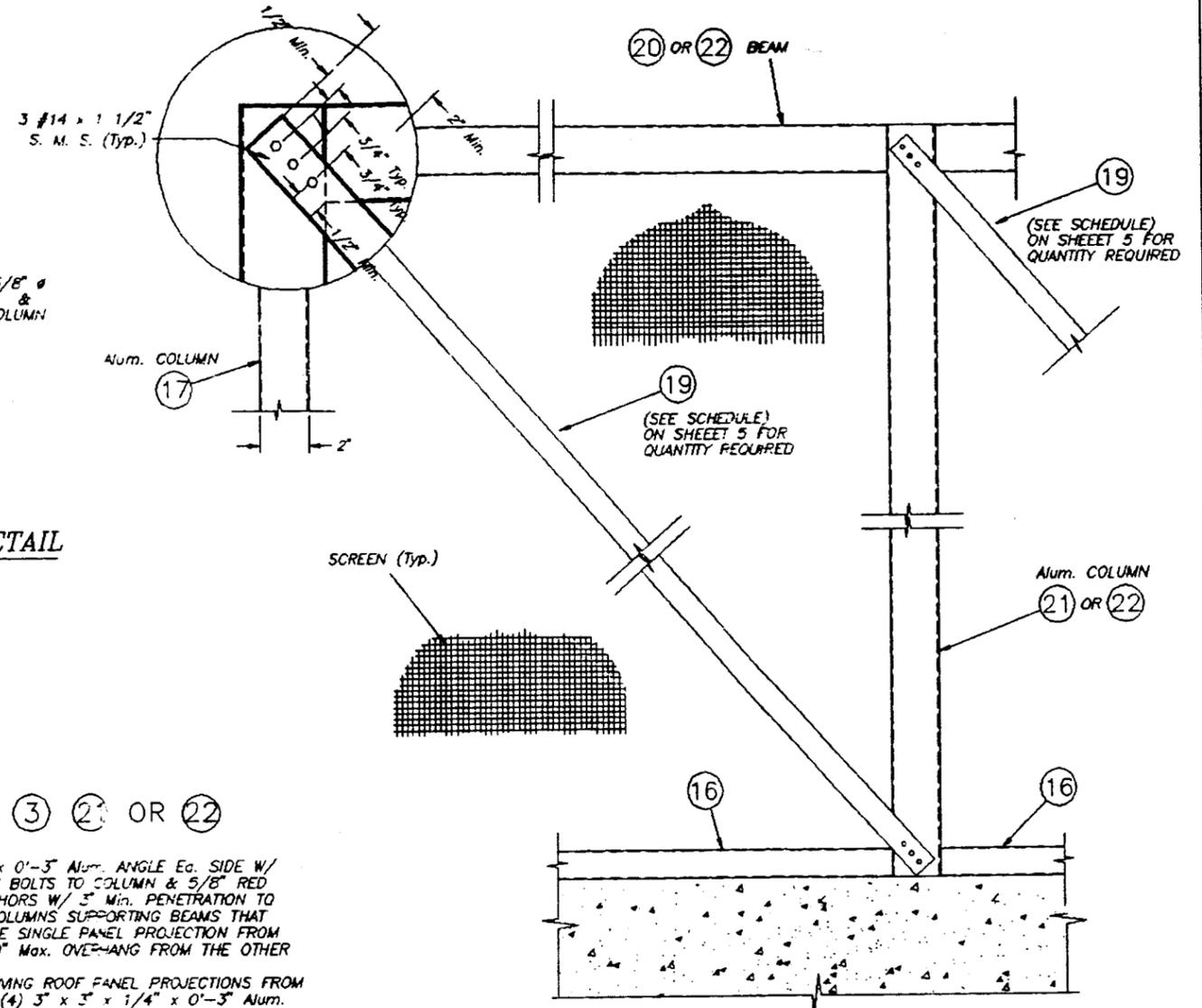
**I-BEAM/COLUMN CONNECTION DETAIL**

N. T. S.



**BOX BEAM/COLUMN CONNECTION DETAIL**

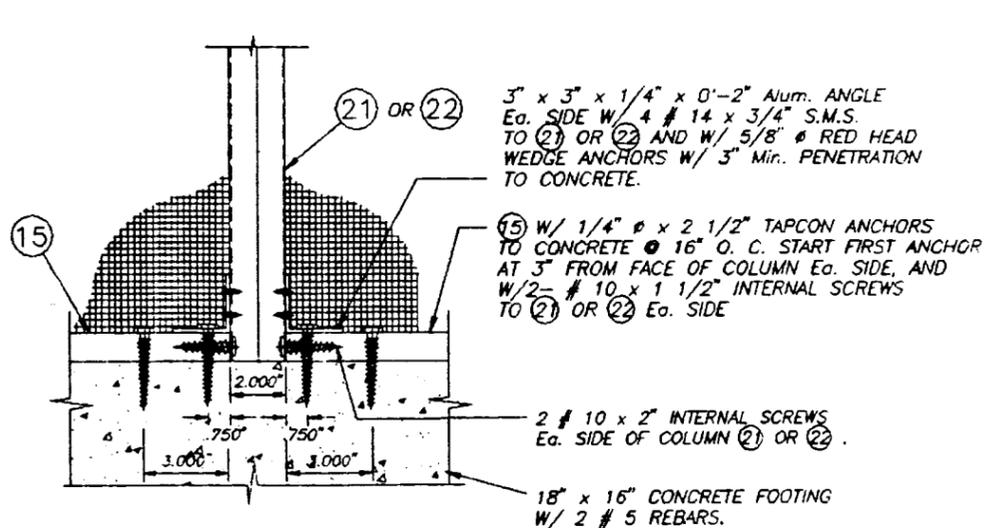
N. T. S.



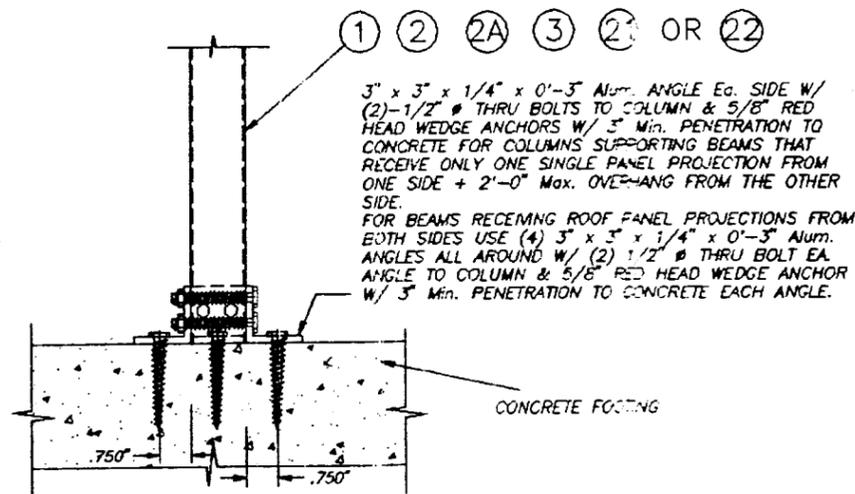
**DETAIL 5 : BRACING CONNECTION DETAIL (ELEVATION)**

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 RENEWED**

ACCEPTANCE No. 00-0509.02

EXPIRATION DATE May 08, 2003

By Heung H. Park  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE MAY 8 1997  
BY Heung H. Park  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 96-1101.03

DADE COUNTY

COPYRIGHT 1996 TILTECO, INC.		SCREEN ROOM		AS SHOWN SCALE	
 <b>TILTECO INC.</b> TILIT TESTING & ENGINEERING COMPANY 6585 N.W. 38th St., Ste. 217, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 WALTER A. TILIT Jr., P. E. FLORIDA Lic. # 44167		HIALEAH ALUMINUM SUPPLY, INC.		10/8/96 DATE	
		2360 W. 76th STREET HIALEAH, FLORIDA 33016		96 - 313 DRAWING No	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	3/21/97	3		
2			4		

*Handwritten signature*  
3/27/97

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	7'-1"	6'-5"	6'-0"	5'-7"	5'-3"	5'-0"	4'-9"	4'-7"	2'-0"
	5'-6"	5'-2"	4'-11"	4'-8"	4'-6"	4'-4"	4'-3"	4'-2"	2'-0"
⑤	8'-8"	7'-11"	7'-4"	6'-10"	6'-6"	6'-2"	5'-10"	5'-7"	2'-6"
	7'-0"	6'-7"	6'-3"	6'-0"	5'-9"	5'-6"	5'-4"	5'-2"	2'-6"
⑥	10'-2"	9'-3"	8'-7"	8'-0"	7'-7"	7'-2"	6'-10"	6'-7"	3'-0"
	8'-5"	7'-11"	7'-6"	7'-2"	6'-11"	6'-8"	6'-6"	6'-3"	3'-0"
⑦	11'-7"	10'-7"	9'-9"	9'-2"	8'-7"	8'-2"	7'-10"	7'-6"	3'-5"
	9'-10"	9'-3"	8'-9"	8'-5"	8'-0"	7'-10"	7'-7"	7'-4"	3'-0"
⑧ **	13'-6"	12'-8"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	11'-7"	5'-0"
	13'-6"	12'-8"	12'-0"	11'-6"	11'-1"	10'-8"	10'-4"	10'-0"	5'-0"
⑨ **	12'-0"	12'-0"	12'-0"	11'-8"	10'-11"	10'-5"	9'-11"	9'-6"	4'-6"
	11'-10"	11'-2"	10'-7"	10'-2"	9'-9"	9'-5"	9'-2"	8'-10"	4'-0"
⑩	7'-3"	6'-7"	6'-2"	5'-9"	5'-5"	5'-2"	4'-10"	4'-8"	2'-0"
	6'-2"	5'-10"	5'-6"	5'-4"	5'-1"	4'-11"	4'-9"	4'-7"	2'-0"
⑪	9'-8"	8'-10"	8'-2"	7'-8"	7'-3"	6'-10"	6'-6"	6'-3"	3'-0"
	8'-9"	8'-3"	7'-10"	7'-6"	7'-2"	6'-10"	6'-6"	6'-3"	3'-0"
⑫ **	12'-0"	12'-0"	11'-10"	11'-1"	10'-5"	9'-11"	9'-5"	9'-0"	4'-6"
	12'-0"	11'-4"	10'-7"	10'-3"	9'-10"	9'-6"	9'-3"	9'-0"	4'-0"
⑬ **	13'-0"	12'-3"	12'-0"	11'-9"	11'-1"	10'-6"	10'-0"	9'-7"	4'-6"
	13'-0"	12'-3"	11'-8"	11'-2"	10'-9"	10'-4"	10'-0"	9'-7"	4'-0"
⑭ **	15'-2"	14'-3"	13'-6"	12'-11"	12'-6"	12'-0"	11'-8"	11'-3"	5'-6"
	15'-2"	14'-3"	13'-6"	12'-11"	12'-6"	12'-0"	11'-8"	11'-3"	5'-0"
⑳ ***	5'-5"	5'-8"	4'-7"	4'-4"	-	-	-	-	1'-6"
	4'-7"	4'-4"	4'-2"	4'-0"	-	-	-	-	1'-6"
㉒ ***	6'-4"	5'-9"	5'-4"	5'-0"	4'-9"	4'-6"	4'-3"	4'-1"	2'-0"
	5'-7"	5'-4"	5'-0"	4'-10"	4'-7"	4'-6"	4'-3"	4'-1"	2'-0"

\* 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 ②A OR ③.  
 \*\*\* ALWAYS USE ㉒ BEAM W/ ㉑ OF ㉒ COL. & ㉒ BEAM W/ ㉒ COL. (NEVER USE ㉒ 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'-8"	4'-2"	-	8'-6"	6'-8"	-
②2	***	***	***	***	***	-

\* Max. COLUMN SPACING SHALL NOT EXCEED Max. BEAM SPAN AS PER BEAM SCHEDULE FOR A GIVEN BEAM TYPE.  
 \*\* INTERIOR COLUMN: COLUMN THAT RECEIVE REACTIONS FROM BEAMS THAT ARE LOADED WITH ROOF PANELS FROM EITHER SIDE.  
 END COLUMN: COLUMN THAT RECEIVE REACTIONS FROM BEAMS THAT ARE LOADED WITH ROOF PANELS FROM ONE SIDE PLUS AN OVERHANG (IF APPLICABLE) FROM THE OTHER SIDE.  
 \*\*\* LIMITED BY BEAM SPAN AS PER BEAM SCHEDULE.

MINIMUM FOOTING SIZE FOR A GIVEN ROOF

TRIBUTARY AREA BEARING ON COLUMNS

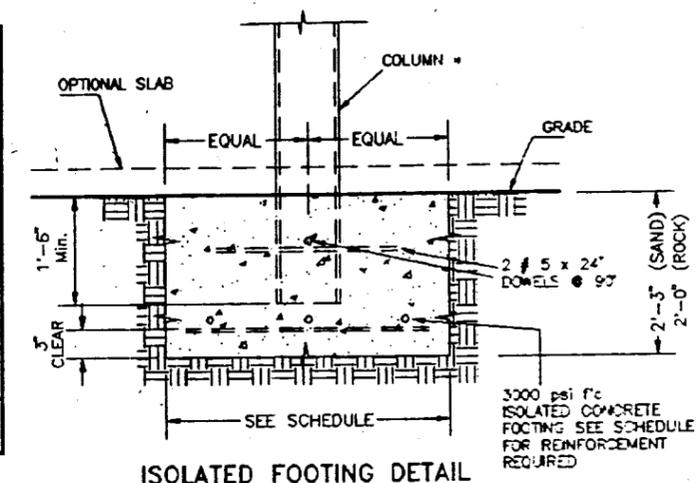
ROOF AREA BEARING OR COLUMN (Ft.²)	REQUIRED FOOTING SIZE IN SAND/ROCK	REINFORCING STEEL EQUALLY SPACED EACH WAY, SAND/ROCK
144	5'-6" x 5'-6" 3'-3" x 3'-3"	5 # 4 REBARS 4 # 4 REBARS
120	5'-0" x 5'-0" 2'-10" x 2'-10"	5 # 4 REBARS 3 # 4 REBARS
90	4'-4" x 4'-4" 2'-2" x 2'-2"	4 # 4 REBARS 3 # 4 REBARS
60	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
	11'-4"	9'-5"
	11'-6"	9'-6"
	11'-9"	9'-11"
	12'-0"	12'-0"
	11'-8"	11'-8"

\* COLUMN MAY ALSO BE CLIPPED ANGLE TO FOOTING APPLICABLE TO ROOFS ATTACHED TO PERMANENT BUILDING.

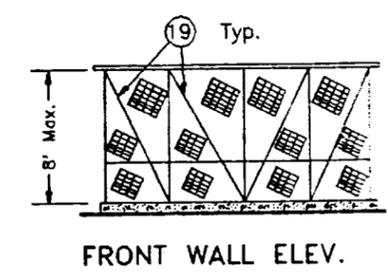


STRAP ⑱ SCHEDULE

(REQ'D ONLY AT SCREEN ROOM)

ROOF PROJECTION P (ft.)	TOTAL NUMBER OF STRAPS AT FRONT WALL
11'-9" OR LESS	2
>11'-9" TO 23'-6" Max.	4

P = DISTANCE FOR EXISTING WALL TO FRONT SCREEN WALL



PRODUCT RENEWED

ACCEPTANCE No. 00-0509.02  
 EXPIRATION DATE May 08, 2003  
 By: *Heber A. Malar*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE MAY 8 1997  
 BY: *Heber A. Malar*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 96-1101.03

DADE COUNTY

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 Phone: (305) 871-1530 Fax: (305) 871-1531  
 WALTER A. TILTECO, JR., P. E.  
 FLORIDA Lic. 44157

SCREEN ROOM		SCALE
HIALEAH ALUMINUM SUPPLY, INC.		1C/8/96
2360 W 76th STREET HIALEAH, FLORIDA 33016		DATE
		9E - 313
		DRAWING No
		SHEET 5 OF 5

*Drawn by*  
 3/27/97