



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

**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**

**Hendee Enterprises, Inc.**  
**9350 S. Point Drive**  
**Houston, TX 77054**

Your application for Notice of Acceptance (NOA) of:

**"Force 12" Impact Resistant Screen Membrane Structure 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 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.: 00-0929.12**  
**EXPIRES: 08/29/2004**

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: 08/29/2001**

**Hendee Enterprises, Inc.**

**ACCEPTANCE No. :** 00-0929.12

**APPROVED :** 08/29/2001

**EXPIRES :** 08/29/2004

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This approves an Impact Resistant Screen Membrane Structure System, 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 Impact Resistant Screen Membrane Structure System and its components shall be constructed in strict compliance with the following documents: Drawing No. F1201, titled "Force 12", prepared by Absolute Engineering Group CA-7895, dated May 3, 2000, last revision #5 dated July 19, 2001, sheets 1 through 9 of 9, signed and sealed by Robert R. Bullard, 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 Impact Resistant Screen Membrane Structure System and its components shall be installed in strict compliance with the approved drawings.

**5. LABELING**

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

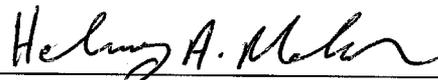
**6. BUILDING PERMIT REQUIREMENTS**

**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

**Hendee Enterprises, Inc.**

**ACCEPTANCE No. :** 00-0929.12

**APPROVED :** 08/29/2001

**EXPIRES :** 08/29/2004

**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

# FORCE 12 PROTECTION

FLEXIBLE WIND ABATEMENT SCREEN SYSTEM

## GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD FRAMING MEMBERS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE. WOOD FRAMING MEMBERS SHALL BE "SOUTHERN PINE" WITH G=0.55 OR GREATER DENSITY.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGN PRESSURE RATING: SEE CHART BELOW.
5. THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCT TESTED FOR IMPACT, CYCLIC, AND UNIFORM STATIC AIR PRESSURE TESTING <sup>⑤</sup> IN CONFORMANCE WITH MIAMI-DADE COUNTY PROTOCOLS PA-201, 203 & 202. REFERENCE NATIONAL CERTIFIED TESTING LABORATORIES REPORT NCTL 210-2310-1,2,3

### HURRICANE SCREEN CONSTRUCTION (COMMON TO ALL CONDITIONS)

#### SCREEN & SCREEN TRACK CONSTRUCTION:

##### SCREEN:

THE SCREEN IS MANUFACTURED FROM A WOVEN POLYPROPYLENE MONOFILAMENT GEOTEXTILE FABRIC WITH INDIVIDUAL FILAMENTS WOVEN INTO A BASKET WEAVE NETWORK AND CALENDERED SUCH THAT THE FILAMENTS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER.

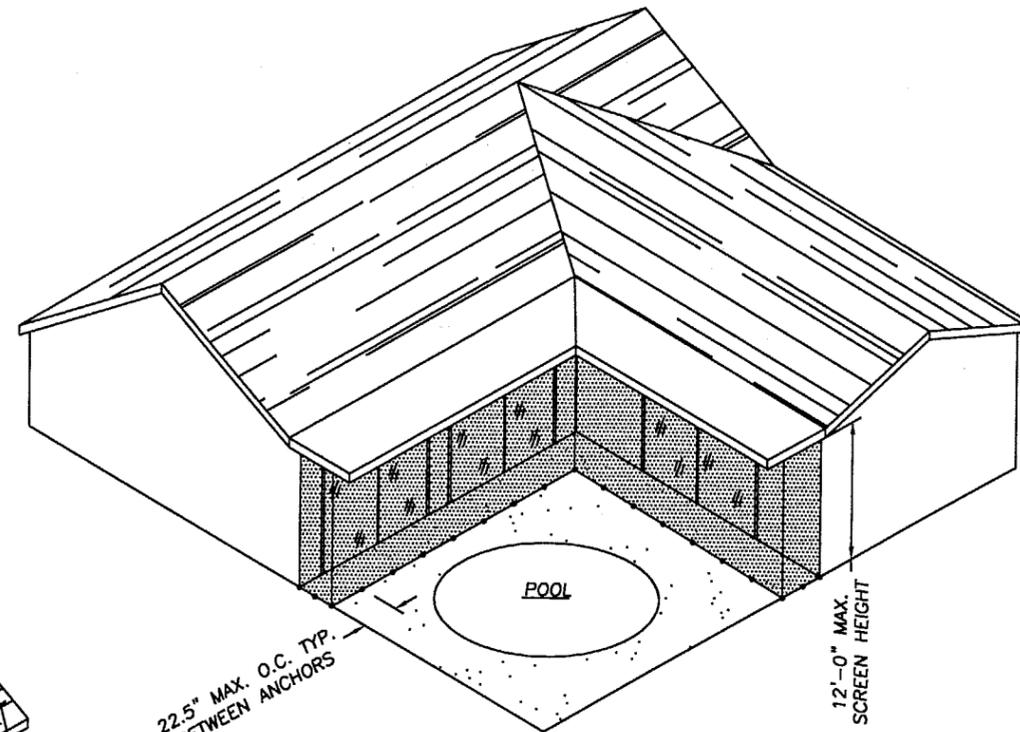
④

SCREEN CONFIGURATION: SEE SHTS. 4 & 5 OF 9

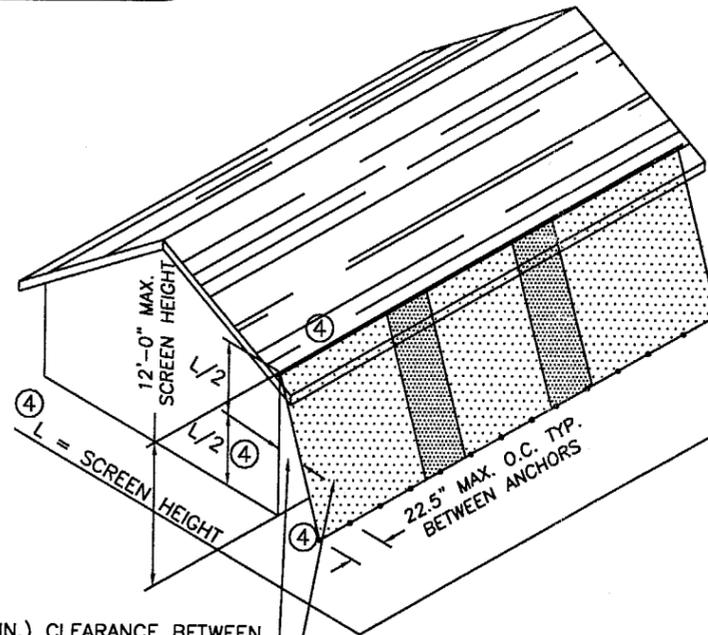
THE SCREEN IS MANUFACTURED IN (3) STYLES, VERTICAL SEAM, HORIZONTAL SEAM & NON-SEAMED OVERLAPPED FABRIC PANELS. THE MAXIMUM PANEL HEIGHT IS 12'-0".

##### SCREEN TRACK:

THE SCREEN TRACK IS EXTRUDED FROM 6063-T6 ALUMINUM.



ELEVATION #1  
APPLICATION ON A LANAI  
LANAI SCREEN REMOVED FOR CLARITY  
SEE SECTION 1/3 SHT. 3



ELEVATION #2  
APPLICATION COVERING  
A HOUSE OR SHOP FRONT  
SEE SECTIONS 3/2 & 4/2 SHT. 2

④ 2'-5" (MIN.) CLEARANCE BETWEEN SCREEN AND PROTECTED OPENING GLAZING AT MID-HEIGHT OF FABRIC SCREEN.  
SCREEN SHALL BE EXTENDED 2'-0" (MIN.) AT EACH SIDE OF THE OPENING IT PROTECTS OR PROVIDE SIDE CLOSURE SCREEN AT EACH SIDE OF THE OPENING.

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE 08/29/2001  
BY *Heather A. Meyer*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0929.12

*R. Bullard, P.E.*  
07/19/01

#### DESIGN PRESSURE RATING

POSITIVE	④	+ 60.0 psf
NEGATIVE	④	- 60.0 psf

SCREEN TO GLASS SEPARATION 12  
2'-5" (MIN.) AT MID-SPAN OF  
SCREEN.

ROBERT R. BULLARD, P.E. 18544  
ABSOLUTE ENGINEERING GROUP CA-7895  
140 SOUTH BEACH ST. #400  
DAYTONA BEACH, FL 32114  
PHONE: 386-254-2909  
FAX: 386-255-9419

#### REVISIONS

BY:	LTR.	DATE	DESCRIPTION
LS	0	5/8/01	ISSUED FOR CITY PERMIT
RB	1	6/11/01	REVISED PER NOTES
RRB	④	6/26/01	REVISED PER NOTES
RRB	⑤	7/19/01	EDIT TEXT



**Hendee Enterprises, Inc.**  
The Innovative Solutions Company

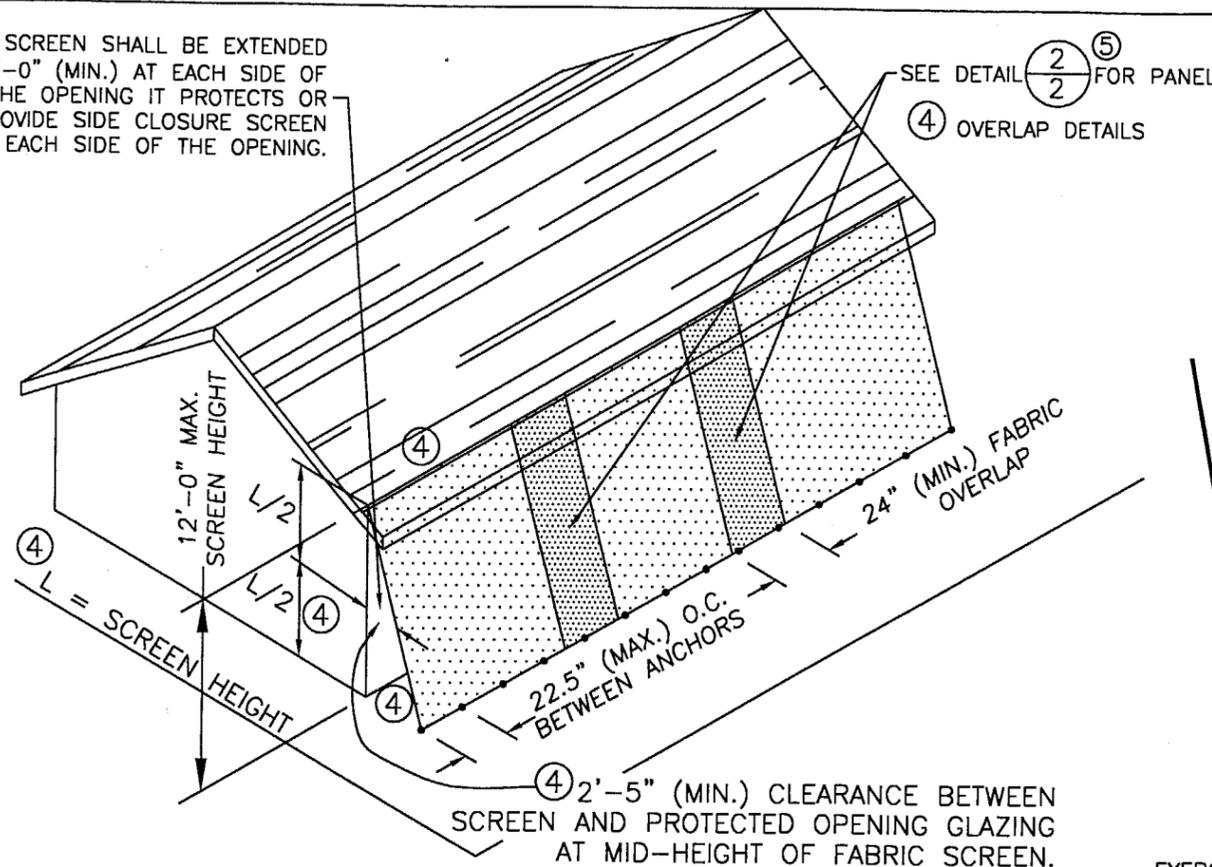
P.O. Box 4289, Houston, TX 77210-4289 9350 South Point Dr., Houston, TX 77054  
(713) 796-2322 Fax (713) 796-0494 (800) 231-7275 (Nat'l) (800) 323-3641 (Texas)

TITLE: FORCE 12  
PANEL MOUNTING CROSS SECTIONS

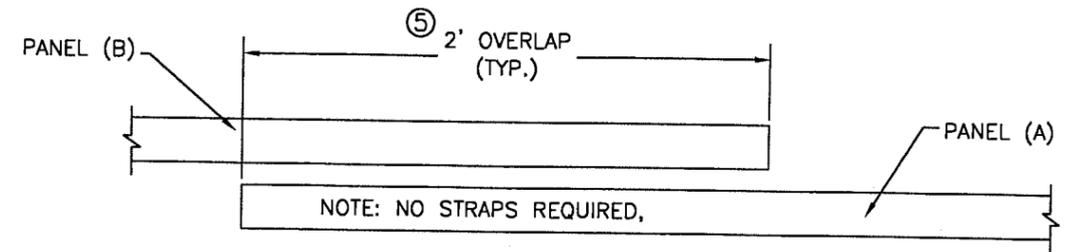
CLIENT: VARIES  
LOCATION: VARIES

DRAWN BY: RB SCALE: NTS SHEET 1 OF 9  
DATE: 05/03/00 DOCUMENT NO: F1201\_1 REV: 5

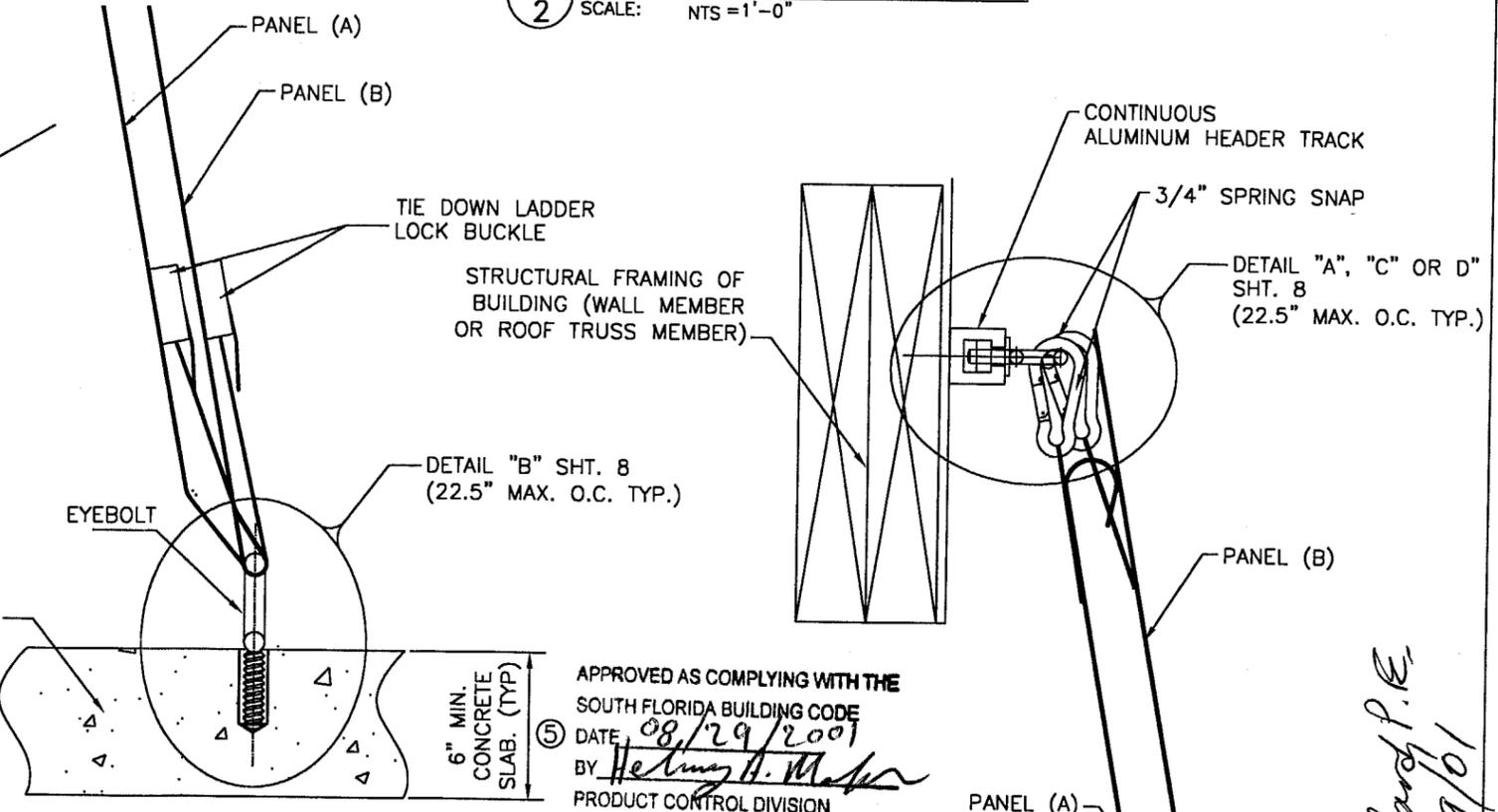
SCREEN SHALL BE EXTENDED 2'-0" (MIN.) AT EACH SIDE OF THE OPENING IT PROTECTS OR PROVIDE SIDE CLOSURE SCREEN AT EACH SIDE OF THE OPENING.



1 PANEL OVERLAP - IN APPLICATION  
2 SCALE: NTS = 1'-0"

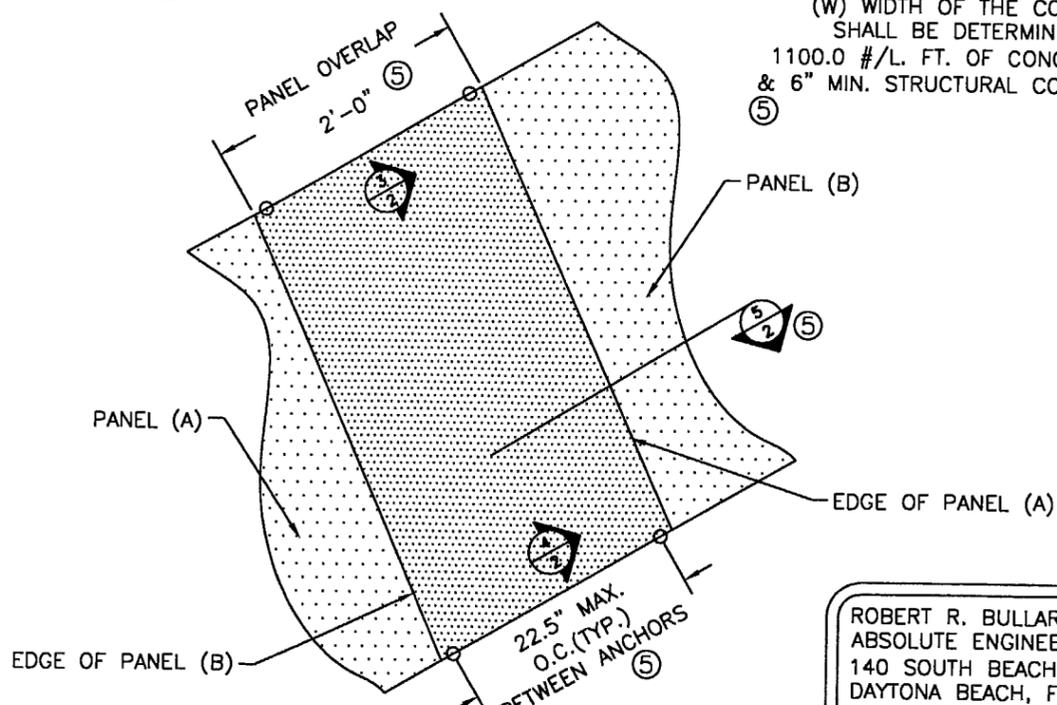


5 PANEL OVERLAP - SECTION  
2 SCALE: NTS = 1'-0"



4 PANEL ATTACHMENT - AT BASE  
2 SCALE: NTS = 1'-0"

3 PANEL ATTACHMENT - AT TOP  
2 SCALE: NTS = 1'-0"



2 PANEL OVERLAP - SECTION  
2 SCALE: NTS = 1'-0"

3000 PSI (MIN.) CONCRETE SLAB (W) WIDTH OF THE CONCRETE SLAB SHALL BE DETERMINED BASED ON 1100.0 #/L. FT. OF CONCRETE WEIGHT & 6" MIN. STRUCTURAL CONCRETE SLAB

ROBERT R. BULLARD, P.E. 18544  
ABSOLUTE ENGINEERING GROUP CA-7895  
140 SOUTH BEACH ST. #400  
DAYTONA BEACH, FL 32114  
PHONE: 386-254-2909  
FAX: 386-255-9419

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE: 08/29/2001  
BY: *Hermy H. Mader*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0929-12

*R. Bullard, P.E.*  
*07/19/01*

REVISIONS			
BY:	LTR.	DATE	DESCRIPTION
RB	0	3.14.01	ADDITIONAL PERMIT DRAWINGS
LS	1	4.24.01	REV. PER CITY REQUIREMENTS
RB	2	6.11.01	REVISED PER NOTES
RRB	4	6/26/01	REVISED PER NOTES
RRB	5	7/19/01	ENLARGE/EDIT TEXT

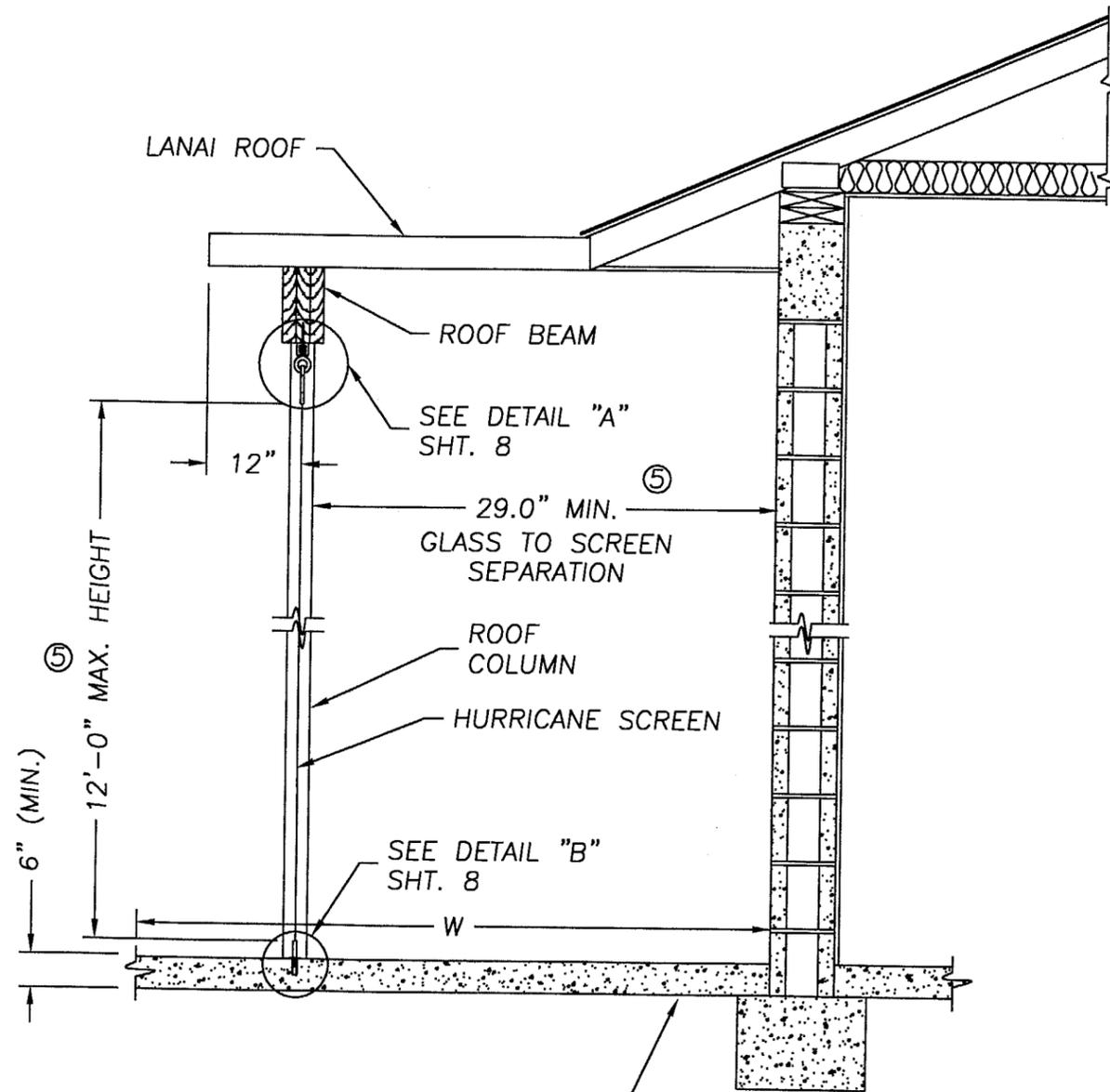
**HE** Hendee Enterprises, Inc.  
The Innovative Solutions Company

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(713) 796-2322 Fax (713) 796-0494 (800) 231-7275 (Nat'l) (800) 323-3641 (Texas)

TITLE: FORCE 12  
PANEL MOUNTING CROSS SECTIONS

CLIENT: VARIES  
LOCATION: VARIES

DRAWN BY: RB SCALE: NTS SHEET 2 OF 9  
DATE: 05/03/00 DOCUMENT NO: F1201\_2 REV: 5



3000 PSI (MIN.) CONCRETE SLAB.  
 (W) WIDTH OF THE CONCRETE SLAB  
 SHALL BE DETERMINED BASED ON  
 1100.0 #/L. FT. OF CONCRETE WEIGHT

- ① VERTICAL CROSS SECTION AT LANAI
- ③ WOOD TO CONCRETE VERTICAL MOUNTING

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE: 08/29/2001  
 BY: *Robert R. Bullard*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0929.12

ROBERT R. BULLARD, P.E. 18544  
 ABSOLUTE ENGINEERING GROUP CA-7895  
 140 SOUTH BEACH ST. #400  
 DAYTONA BEACH, FL 32114  
 PHONE: 386-254-2909  
 FAX: 386-255-9419

*RR Bullard, P.E.  
 07/19/01*

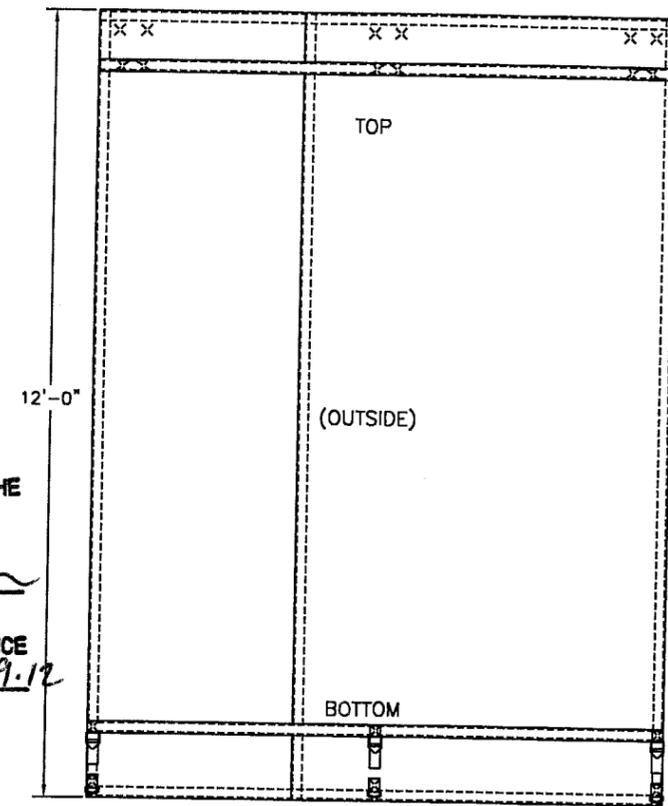
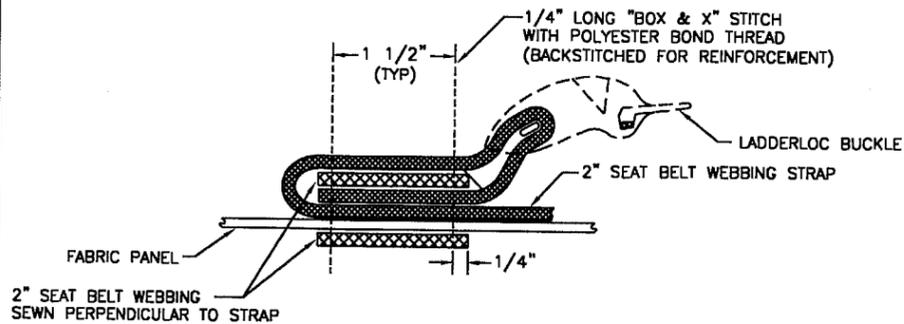
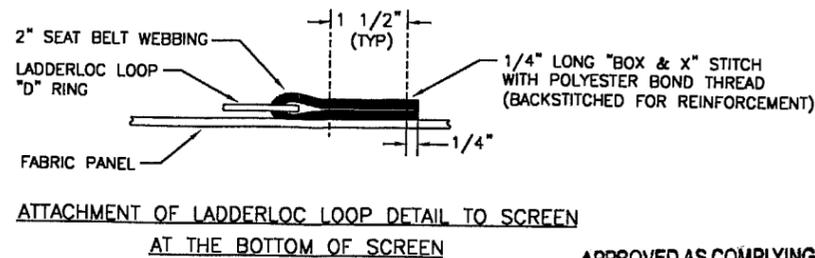
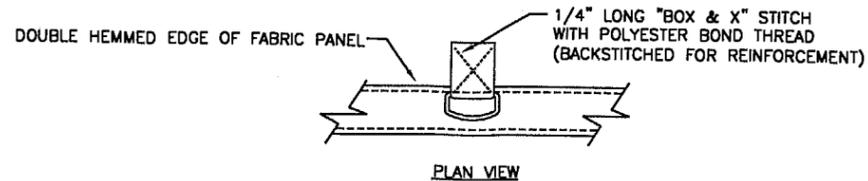
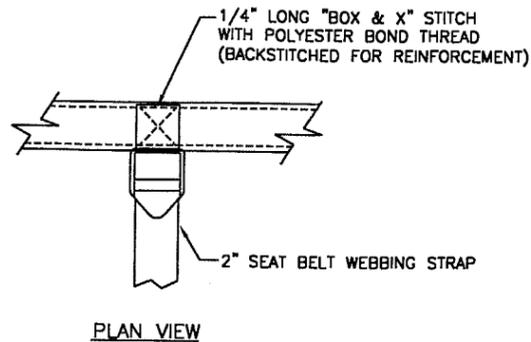
REVISIONS			
BY:	LTR.	DATE	DESCRIPTION
RB	1	6.11.01	REVISED PER NOTES
RRB	④	6.26.01	REMOVE NCTL NOTE
RRB	⑤	7.19.01	ENLARGE/EDIT TEXT

**HE** **Hendee Enterprises, Inc.**  
*The Innovative Solutions Company*  
 P.O. Box 4289, Houston, TX 77210-4289 9350 South Point Dr., Houston, TX 77054  
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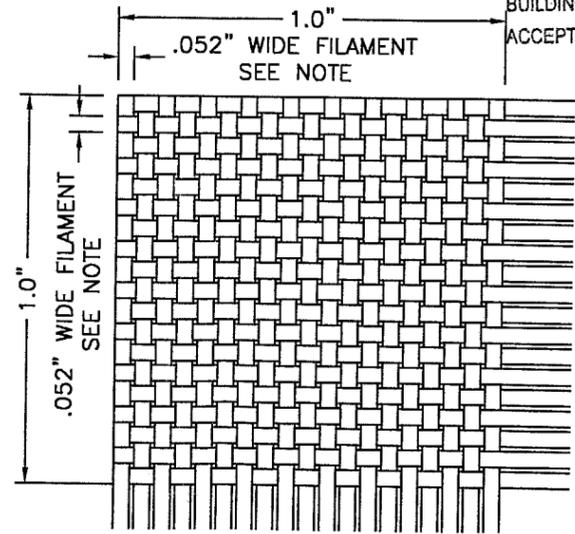
TITLE: FORCE 12  
 PANEL MOUNTING CROSS SECTIONS

CLIENT: VARIES  
 LOCATION: VARIES

DRAWN BY: RB SCALE: NTS SHEET 3 OF 9  
 DATE: 05/03/00 DOCUMENT NO: F1201\_3 REV: 5



APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE 08/29/2001  
 BY *Heide H. M...*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0929.12



HURRICANE SCREEN ELEVATION  
 (OUTSIDE STITCHING DETAILS. THE SCREEN IS MANUFACTURED  
 IN (3) STYLES; VERTICAL SEAM, HORIZONTAL SEAM, & NON-SEAMED  
 OVERLAPPED FABRIC PANELS)

NOTE:  
 THERE ARE (19) .052" WIDE FILAMENTS, BOTH  
 HORIZONTALLY & VERTICALLY IN A SQUARE INCH OF  
 AWNING. EACH FILAMENT IS MADE UP OF (3) .013"  
 WIDE SUB FILAMENTS.

ROBERT R. BULLARD, P.E. 18544  
 ABSOLUTE ENGINEERING GROUP CA-7895  
 140 SOUTH BEACH ST. #400  
 DAYTONA BEACH, FL 32114  
 PHONE: 386-254-2909  
 FAX: 386-255-9419

**FORCE 12 - MATERIAL SPECIFICATIONS OF SCREEN**

FIBER CONTENT	100% POLYPROPYLENE
COLOR	BLACK OR ROYAL BLUE
FINISH	TENTERED & CALENDERED
CONSTRUCTION (APPROXIMATE)	WARP: 60 FILL: 50
WEAVE	3/4" BASKET WEAVE
THICKNESS	20 MILS
WEIGHT, (ASTM D-3776-85)	7.6 OZ/YD <sup>2</sup>
ABRASION RESISTANCE (ASTM D-3884)	WARP: 190 LBS FILL: 250 LBS
TENSILE STRENGTH (ASTM D-1682, GRAB METHOD)	WARP: 445 LBS FILL: 375 LBS
TEAR STRENGTH (ASTM D-2261, TRAP METHOD)	WARP: 185 LBS FILL: 190 LBS
BURST STRENGTH (ASTM D-3786 MULLEN)	720 LBS/IN <sup>2</sup>
PUNCTURE STRENGTH (ASTM D-3787, MODIFIED)	165 LBS
U.V. RESISTANCE (ASTM G-53, % RETAINED AT 5,000 HOURS)	90%
AIR FLOW	230 CFM

REVISIONS			
BY:	LTR.	DATE	DESCRIPTION
RB	0	3.14.01	ADDITIONAL PERMIT DRAWINGS.
LS	1	4.24.01	REVISED PER CITY REQUIREMENTS
RB	2	6.11.01	REVISED PER NOTES
RRB	4	6.26.01	REMOVE NCTL NOTE
RRB	5	7.19.01	ENLARGE TEXT

**HE** Hendee Enterprises, Inc.  
 The Innovative Solutions Company

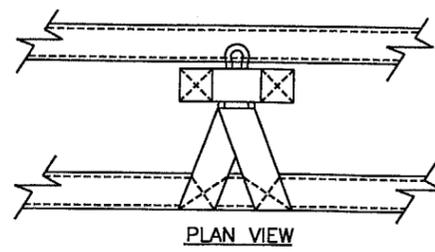
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 (713) 796-2322 Fax (713) 796-0494 (800) 231-7275 (Not'l) (800) 323-3641 (Texas)

TITLE: FORCE 12  
 PANEL MOUNTING CROSS SECTIONS

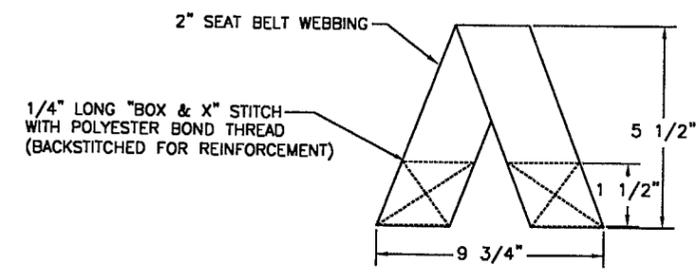
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 LOCATION: VARIES

DRAWN BY: RB SCALE: NTS SHEET 4 OF 9  
 DATE: 05/03/00 DOCUMENT NO: F1201\_4 REV: 5

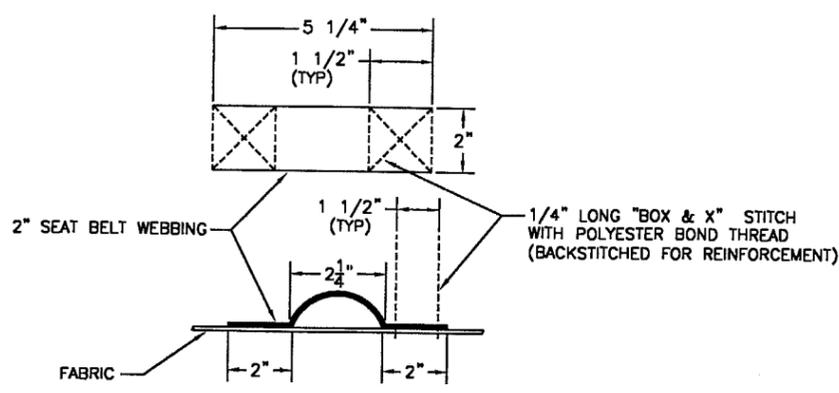
*RR Bullard, P.E.*  
 07/19/01



PLAN VIEW

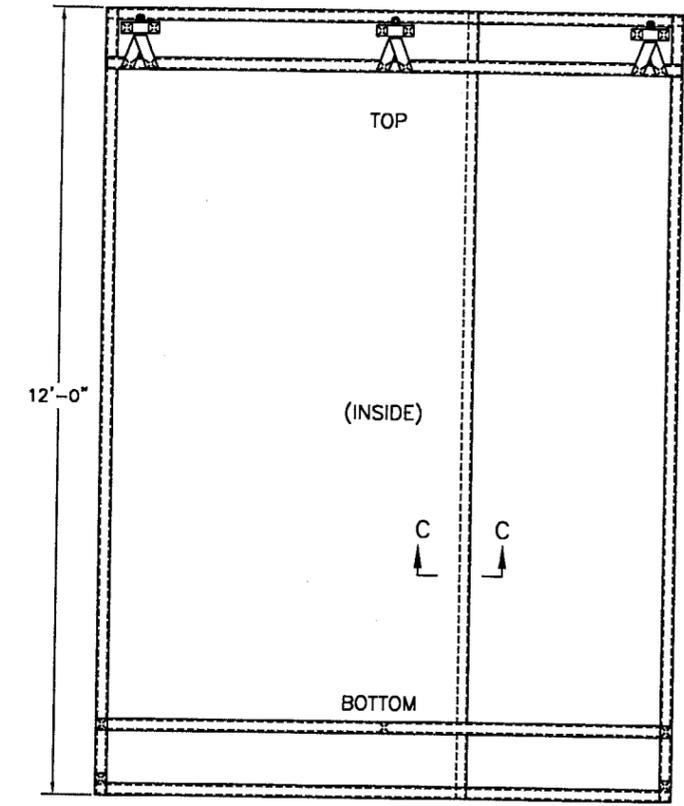


HANGER LOOP DETAIL



REINFORCING LOOP DETAIL

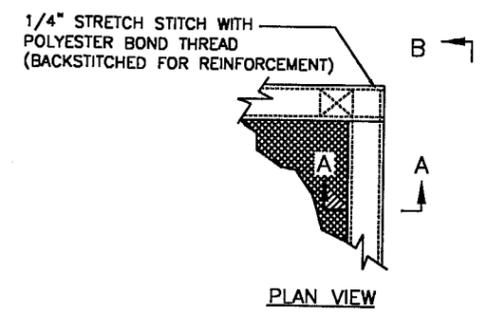
SCREEN ATTACHMENT LOOP DETAIL AT THE TOP OF SCREEN



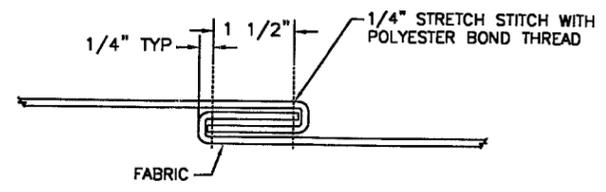
HURRICANE SCREEN ELEVATION

(INSIDE STITCHING DETAILS. THE SCREEN IS MANUFACTURED IN (3) STYLES; VERTICAL SEAM, HORIZONTAL SEAM, & NON-SEALED OVERLAPPED FABRIC PANELS)

*RR Bullard, P.E.*  
07/19/01



PLAN VIEW

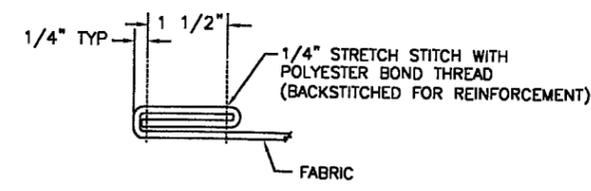


SECTION C

(HOOK SEAM DETAIL - VERTICAL OR HORIZONTAL)

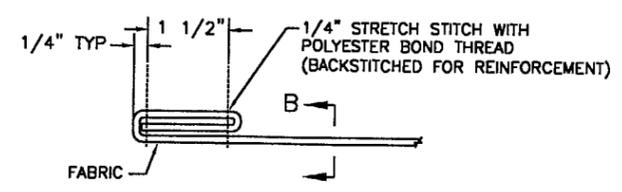
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE: 08/29/2001  
BY: *Helmut A. W. Baker*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0929.12

ROBERT R. BULLARD, P.E. 18544  
ABSOLUTE ENGINEERING GROUP CA-7895  
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DAYTONA BEACH, FL 32114  
PHONE: 386-254-2909  
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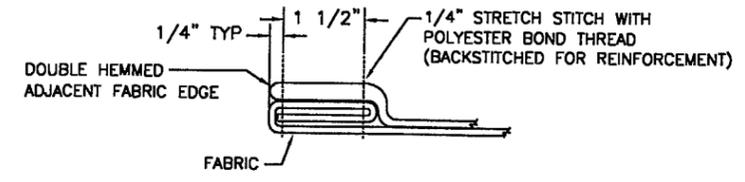
SECTION A

(DOUBLE HEM)  
TYPICAL ON ALL PANEL EDGES



SECTION B

(CORNER HEM DETAIL)



DOUBLE HEMMED  
ADJACENT FABRIC EDGE

REVISIONS			
BY:	LTR.	DATE	DESCRIPTION
RB	0	3.14.01	ADDITIONAL PERMIT DRAWINGS
LS	1	4.24.01	REVISED PER CITY REQUIREMENTS
RRB	4	06.26.01	REMOVE NCTL NOTE



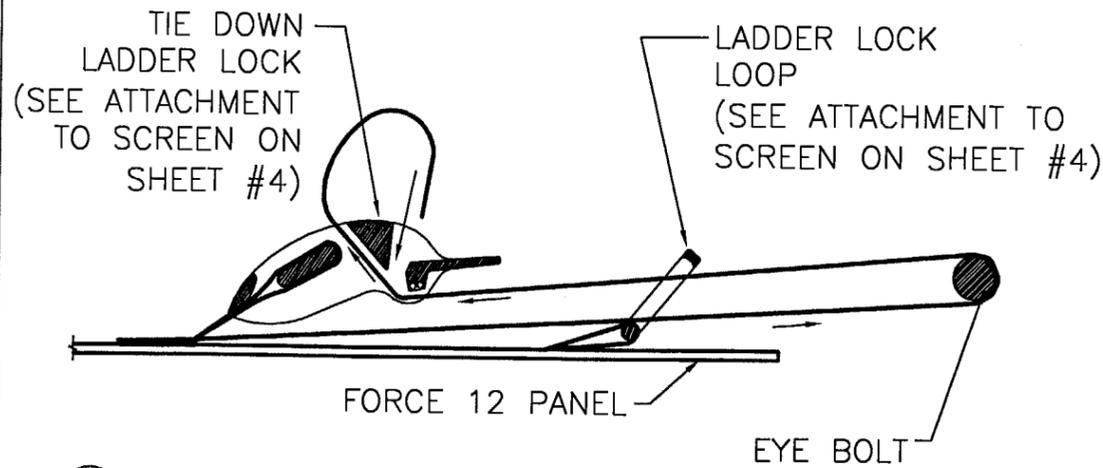
**Hendee Enterprises, Inc.**  
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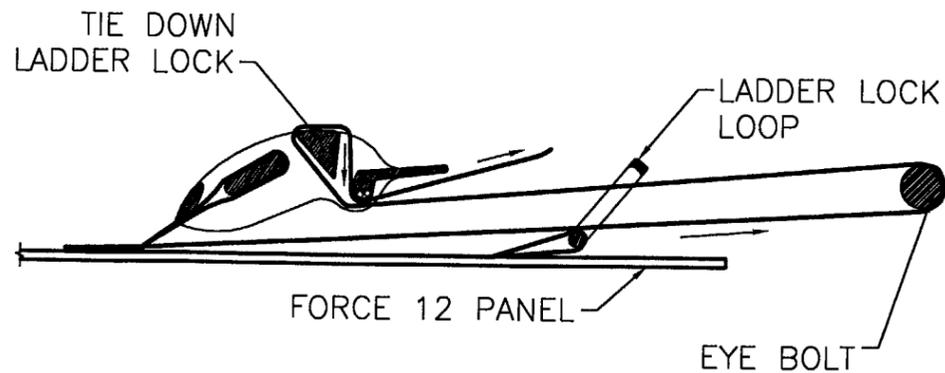
TITLE: FORCE 12  
PANEL MOUNTING CROSS SECTIONS

CLIENT: VARIES  
LOCATION: VARIES

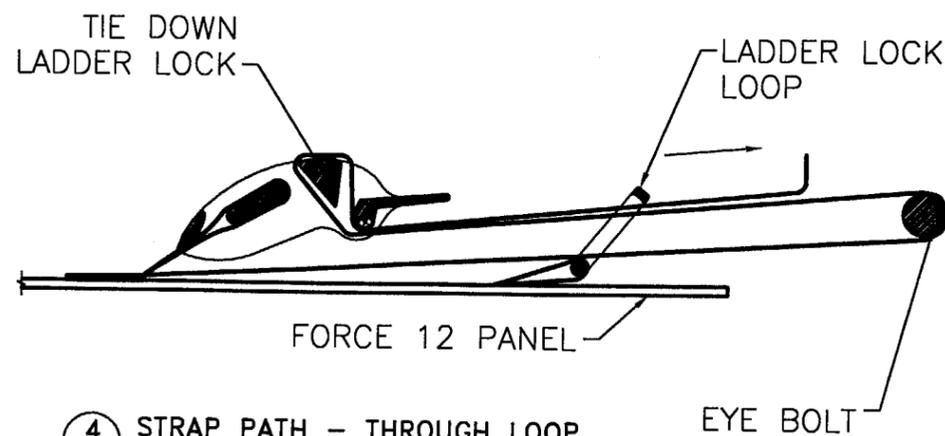
DRAWN BY: RB SCALE: NTS SHEET 5 OF 9  
DATE: 05/03/00 DOCUMENT NO: F1201\_5 REV: 5



2 STRAP PATH - THROUGH BUCKLE  
D1 SCALE: N.T.S. = 1'-0"

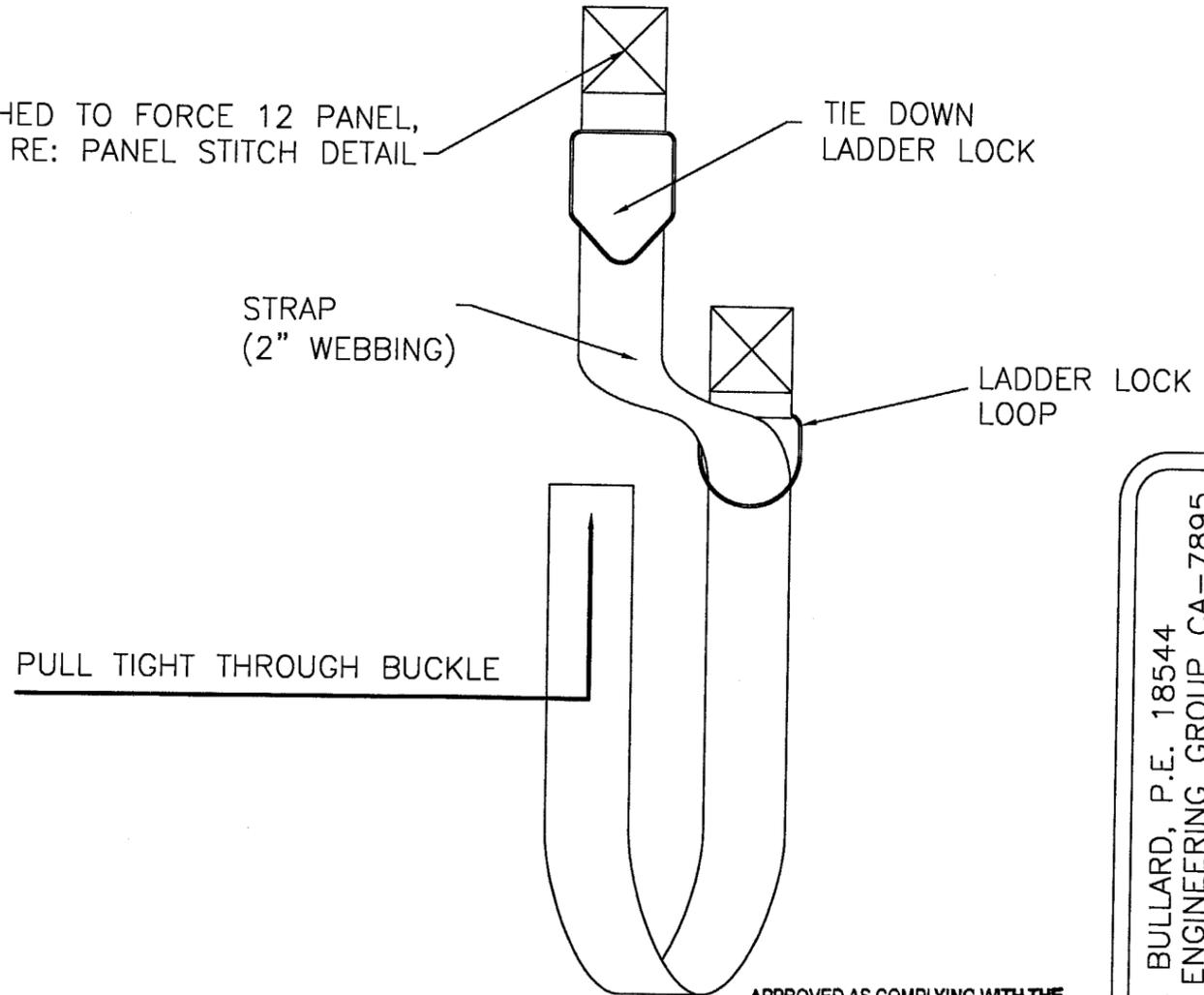


3 STRAP PATH - TIGHTEN  
D1 SCALE: N.T.S. = 1'-0"



4 STRAP PATH - THROUGH LOOP  
D1 SCALE: N.T.S. = 1'-0"

ATTACHED TO FORCE 12 PANEL, RE: PANEL STITCH DETAIL



1 PANEL ATTACHMENT - STRAP  
D1 SCALE: N.T.S. = 1'-0"

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE: 08/29/2001  
BY: *Robert R. Bullard*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0929.12

ROBERT R. BULLARD, P.E. 18544  
ABSOLUTE ENGINEERING GROUP CA-7895  
140 SOUTH BEACH ST. #400  
DAYTONA BEACH, FL 32114  
PHONE: 386-254-2909  
FAX: 386-255-9419

*Robert R. Bullard, P.E.*  
07/19/01

REVISIONS			
BY:	LTR.	DATE	DESCRIPTION
RB	0	3.14.01	ADDITIONAL PERMIT DRAWINGS
LS	1	4.24.01	REVISED PER CITY REQUIREMENTS
RRB	4	6.26.01	REMOVE NCTL NOTE

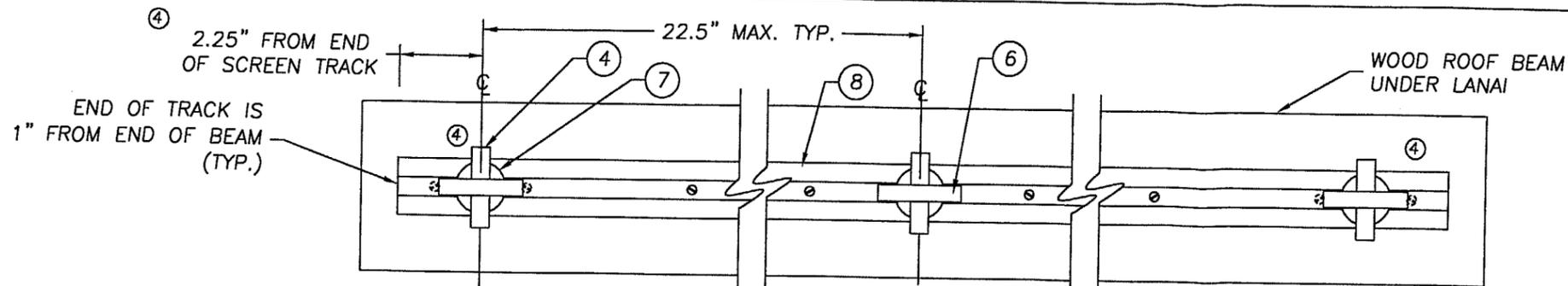
**Hendee Enterprises, Inc.**  
The Innovative Solutions Company

P.O. Box 4289, Houston, TX 77210-4289 9350 South Point Dr., Houston, TX 77054  
(713) 796-2322 Fax (713) 796-0494 (800) 231-7275 (Nat'l) (800) 323-3641 (Texas)

TITLE: FORCE 12  
PANEL MOUNTING CROSS SECTIONS

CLIENT: VARIES  
LOCATION: VARIES

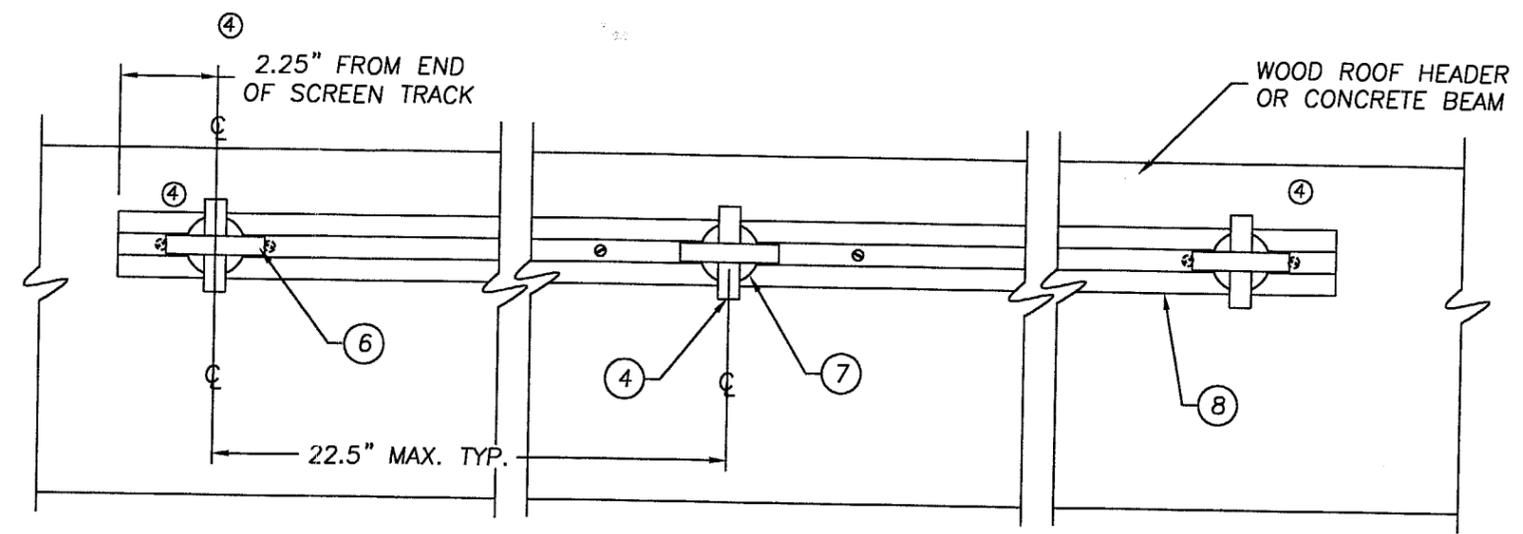
DRAWN BY: RB SCALE: N.T.S. SHEET 6 OF 9  
DATE: 05/03/00 DOCUMENT NO: F1201\_6 REV: 5



① PLAN VIEW (LOOKING UP)  
 ⑦ TOP VERTICAL MOUNTING IN WOOD  
 SEE SECTION 1/3 SHT. 3 & DETAIL "A" SHEET 8

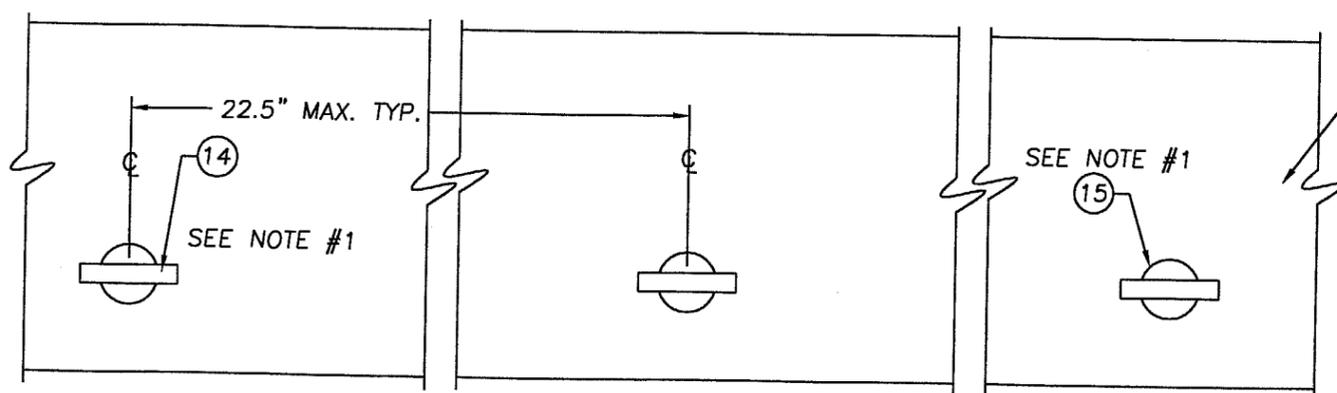
NOTES:  
 1. ITEMS #14 & 15 ARE USED WHEN MOUNTING SCREEN BOTTOM TO CONCRETE.

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE 08/29/2001  
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② ELEVATION AT  
 ⑦ TOP ANGLED MOUNTING IN WOOD OR CONCRETE  
 SEE DETAILS "C" & "D" SHT. 8

*Robert R. Bullard, P.E.  
 07/19/01*



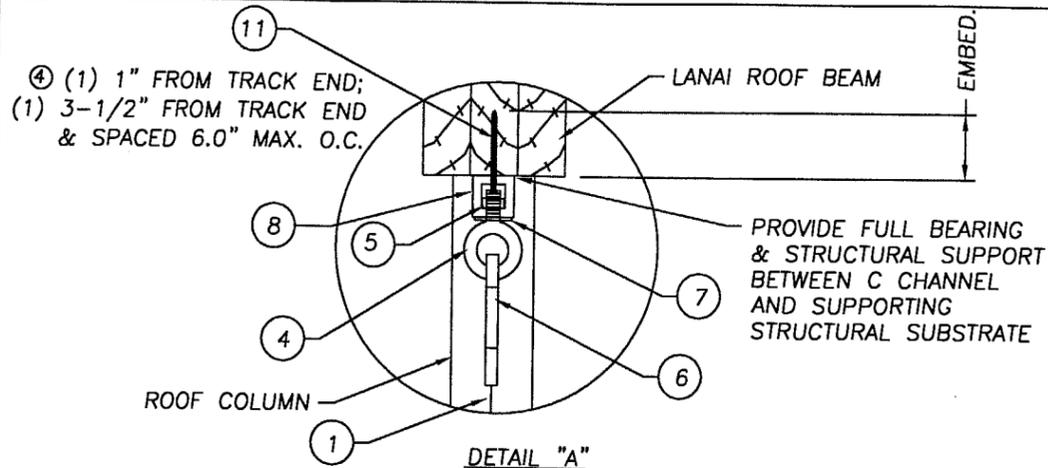
③ PLAN VIEW AT  
 ⑦ BOTTOM MOUNTING IN CONCRETE  
 SEE SECTIONS 1/3, SHT. 3 & 4/2 SHT. 2  
 & DETAIL "B" SHT. 8

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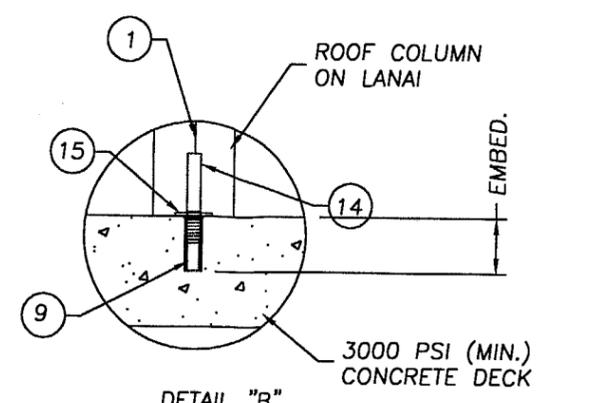
REVISIONS			
BY:	LTR.	DATE	DESCRIPTION
LS	1	4/24/01	REV. PER CITY REQUIREMENTS
RB	2	6/11/01	REVISIONS PER NOTES
RRB	④	6/26/01	REVISIONS PER NOTES

**HE** Hendee Enterprises, Inc.  
 The Innovative Solutions Company  
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 (713) 796-2322 Fax (713) 796-0494 (800) 231-7275 (No'l) (800) 323-3641 (Texas)

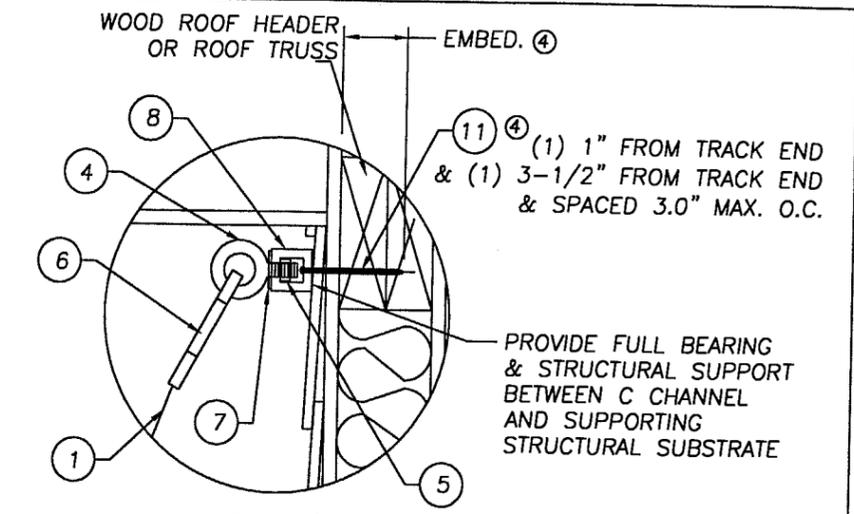
TITLE: FORCE 12  
 PANEL MOUNTING CROSS SECTIONS  
 CLIENT: VARIES  
 LOCATION: VARIES  
 DRAWN BY: RB SCALE: NTS SHEET 7 OF 9  
 DATE: 05/03/00 DOCUMENT NO: F1201\_7 REV: 5



**DETAIL "A"**  
 TRACK TO WOOD VERTICAL MOUNT @ TOP  
 LAG SCREW IS INSTALLED VERTICALLY  
 (WITH 1-3/4" MIN. EDGE DISTANCE TO  
 VERTICAL FACE @ END OR SIDE OF ④  
 ④ WOOD MEMBER; TYP. @ ALL WOOD)

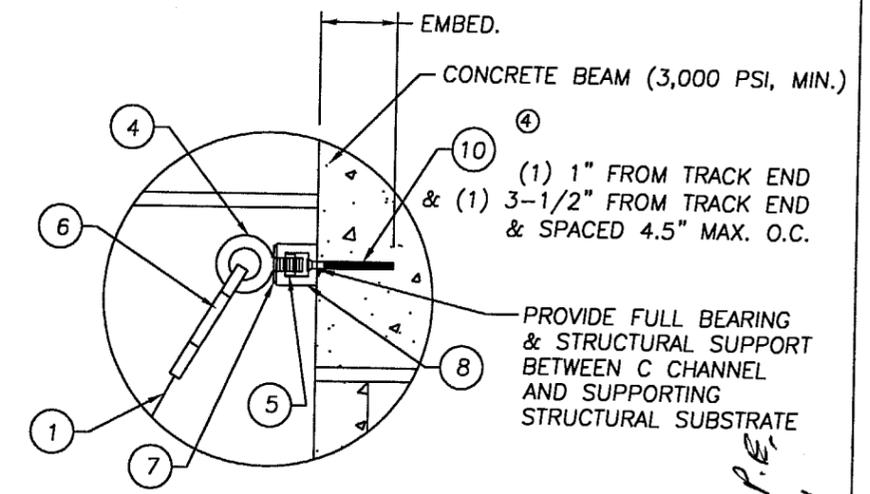


**DETAIL "B"**  
 SCREEN TO CONCRETE @ BOTTOM  
 DROP-IN ANCHOR IS INSTALLED VERTICALLY  
 (WITH 7.5" MIN. EDGE DISTANCE, INCL. CRACKS,  
 OPENINGS AND CONTROL JOINTS)



**DETAIL "C"**  
 TRACK TO WOOD ANGLED MOUNT @ TOP  
 LAG SCREW IS INSTALLED HORIZONTALLY  
 ④ (WITH 3/4" MIN. EDGE DISTANCE)

DETAIL E - NOT USED

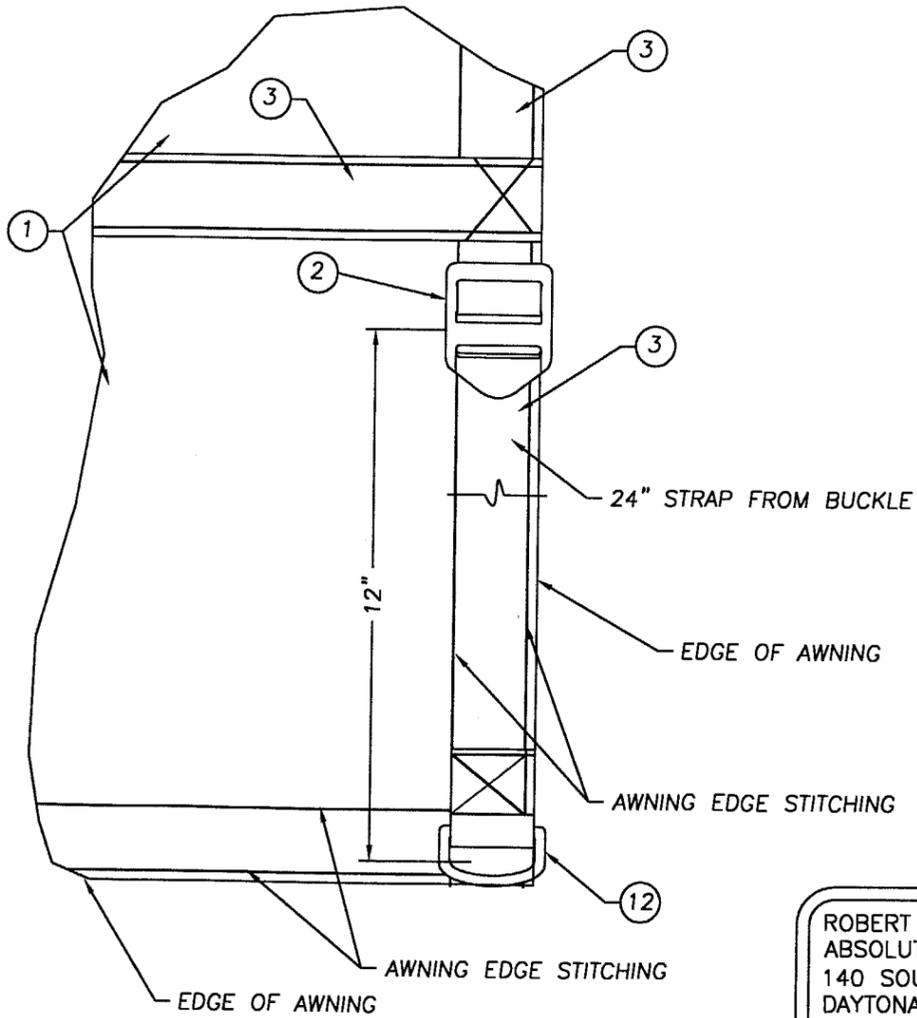


**DETAIL "D"**  
 TRACK TO CONCRETE BEAM ANGLE MOUNT @ TOP  
 TAP-CON ANCHOR IS INSTALLED  
 ④ HORIZONTALLY (AS SHOWN) OR  
 VERTICALLY (WITH 2.5" MIN. EDGE  
 DISTANCE)

*R. Bullard, P.E.*  
 07/19/01

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE 08/29/2001  
 BY *Helmut A. Mark*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0929.12

REVISIONS			
BY:	LTR.	DATE	DESCRIPTION
LS	1	4/24/01	REV. PER CITY REQUIREMENTS
RB	2	6/11/01	REVISIONS PER NOTES
RRB	④	6/26/01	REVISIONS PER NOTES



**DETAIL "F" STITCHING DETAIL**

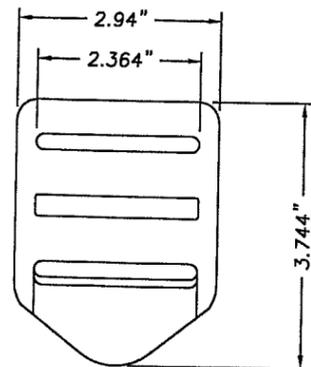
ROBERT R. BULLARD, P.E. 18544  
 ABSOLUTE ENGINEERING GROUP CA-7895  
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 DAYTONA BEACH, FL 32114  
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 (713) 796-2322 Fax (713) 796-0494 (800) 231-7275 (Not!) (800) 323-3641 (Texas)

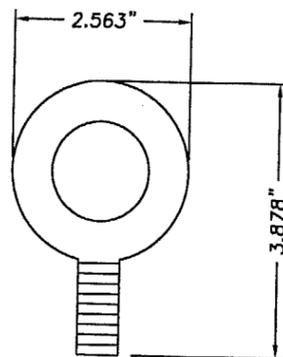
TITLE: FORCE 12  
 PANEL MOUNTING CROSS SECTIONS

CLIENT: VARIES  
 LOCATION: VARIES

DRAWN BY: RB SCALE: NTS SHEET 8 OF 9  
 DATE: 05/03/00 DOCUMENT NO: F1201\_8 REV: 5

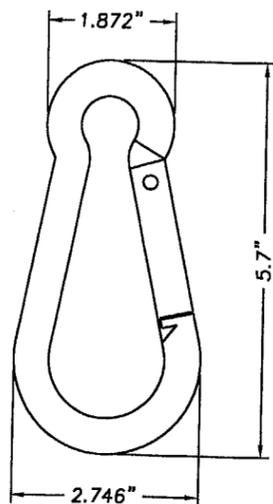


② .22" THK. ACETAL HOSTAFORM C  
TIE DOWN LADDERLOC ACETAL HOSTAFORM C

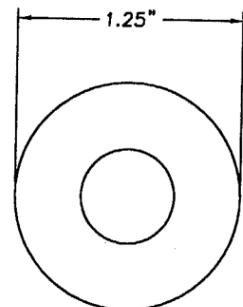


④ 1/2" EYEBOLT  
GALVANIZED STEEL 1/2" THK. BAR

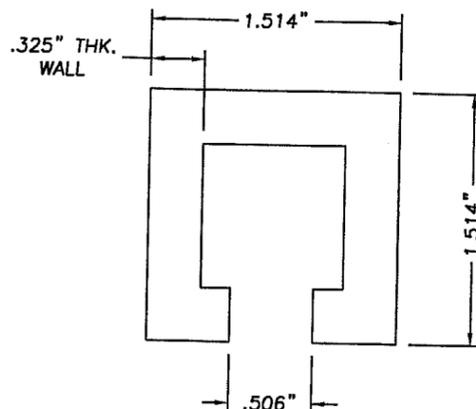
Item	DESCRIPTION	Material
1	HURRICANE SCREEN (SEE SCREEN CONSTRUCTION SHT. 1)	POLYPROP.
2	TIE DOWN LADDERLOC (ITW NEXUS, ACETAL HOSTAFORM C)	ACETAL
3	STRAP	
4	1/2" EYEBOLT (CHICAGO #5)	
5	1/2" UNI-STRUT NUT (STAINLESS STEEL, W/OUT SPRING)	GALV. STEEL
6	3/4" SPRING SNAP (CAMMBELL, #B7645068)	S STEEL
7	1/2" FLAT WASHER (.108" THK. STEEL)	S STEEL
8	EXTRUDED ALUM. SCREEN TRACK (.325" WALL, 6063-T6)	STEEL
9	5/8" DROP-IN ANCHOR (BY POWERS RAWL)	ALUM.
10	TAPCON 1/4" x 3 1/4" LG. (ELCO) W/ 1 3/4" (MIN. EMBEDMENT)	S STEEL
11	1/4"x3" LG. SLOTTED PANHEAD SCREW (W/ 2" MIN. THREADED EMBED.)	STEEL
12	LADDERLOC LOOP (ITW NEXUS, ACETAL HOSTAFORM C)	S STEEL
13	LEFT BLANK	ACETAL
14	5/8" EYEBOLT (CHICAGO #7)	-
15	5/8" FLAT WASHER (.108" THK. STEEL)	GALV. STEEL
		STEEL



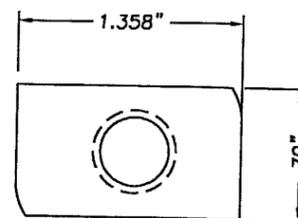
⑥ 3/4" SPRING SNAP  
.434" THK. STAINLESS STEEL BAR



⑦ 1/2" FLAT WASHER  
.108" THK. STEEL

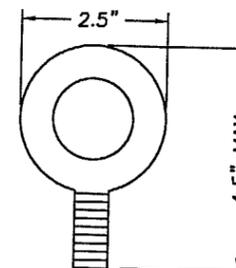


⑧ EXTRUDED ALUMINUM SCREEN TRACK  
.325" THK. 6063-T6 ALUMINUM

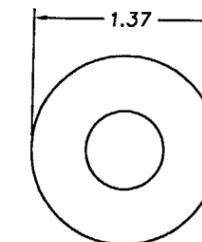


⑤ 1/2" UNI-STRUT NUT W/OUT SPRING  
.364" THK. STAINLESS STEEL

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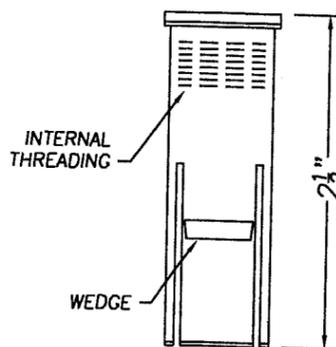


⑭ 5/8" EYEBOLT  
GALVANIZED STEEL 5/8" THK. BAR

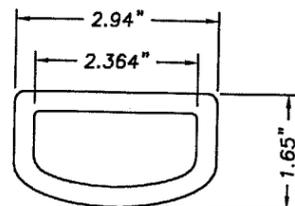


⑮ 5/8" FLAT WASHER  
.108" THK. STEEL

*RB Bullard, P.E.  
07/19/01*



⑨ 5/8" DROP-IN ANCHOR  
STAINLESS STEEL



⑫ LADDERLOC LOOP  
.161" THK. ACETAL HOSTAFORM C

⑬ - NOT USED

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE 08/29/2001  
BY *Heather A. Miller*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0929.12

PER NCTL-210-2310-1,2,3  
(TYPICAL 9 OF 9)

REVISIONS			
BY:	LTR.	DATE	DESCRIPTION
LS	1	4/24/01	REV. PER CITY REQUIREMENTS
RB	2	6/11/01	REVISIONS PER NOTES
RRB	4	6/26/01	REVISIONS PER NOTES

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TITLE: FORCE 12  
PANEL MOUNTING CROSS SECTIONS  
CLIENT: VARIES  
LOCATION: VARIES  
DRAWN BY: RB SCALE: NTS SHEET 9 OF 9  
DATE: 05/03/00 DOCUMENT NO: F1201\_9 REV: 5