



**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)**

**Upright Screen Corporation  
611 N.E. 12<sup>th</sup> Street  
Homestead, Florida 33030**

**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 Enclosures**

**APPROVAL DOCUMENT:** Drawing titled "Upright Screen ", prepared by Ramms Engineering, Inc., dated July 31, 2008, sheets 1 through 3 of 3, signed and sealed by Robert S. Monsour, P.E. on August 01, 2008, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the 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 # 05-0405.03** and consists of this page 1, evidence submitted pages E-1, E-2, and E-3 as well as approval document mentioned above.

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



*Helmy A. Makar*  
01/01/2009

**NOA No. 08-0813.12  
Expiration Date: 11/13/2013  
Approval Date: 01/01/2009**

**Upright Screen Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #97-0715.09**  
**A. DRAWINGS**

<b>Drawing Number Sheet Number</b>	<b>Drawing Date Latest Revision Date</b>	<b>Signed and Sealed By Date</b>
2006 Sheet 1 of 3	July 19, 1994 Revised: June 12, 1995	Robert S. Monsour, P.E. June 12, 1995
2006 Sheet 2 of 3	July 19, 1994 Revised: June 12, 1995	Robert S. Monsour, P.E. June 12, 1995
2006 Sheet 3 of 3	June 6, 1995	Robert S. Monsour, P.E. June 12, 1995

**B. TESTS**

<b>Test Laboratory</b>	Construction Testing Corporation
<b>Test Number</b>	CTC 95019
<b>Test Results</b>	1,100 lbs positive or negative wind load on 4 in. Aluminum Super Gutter.
<b>Test Signature</b>	Christopher G. Tyson, P.E.
<b>Test Date(s)</b>	May 1, 1995

<b>Test Laboratory</b>	Construction Testing Corporation
<b>Test Number</b>	CTC 95013
<b>Test Results</b>	1,480 lbs positive or negative wind load on 5 in. Aluminum Super Gutter.
<b>Test Signature</b>	Christopher G. Tyson, P.E.
<b>Test Date(s)</b>	May 1, 1995

<b>Test Laboratory</b>	Construction Testing Corporation
<b>Test Number</b>	CTC 94011
<b>Test Results</b>	1.015 lbs tension wind load on 1/8 in. steel cable.
<b>Test Signature</b>	Christopher G. Tyson, P.E.
<b>Test Date(s)</b>	November 15, 1994



Henry A. Makar, P.E., M.S.  
Product Control Examiner  
NOA No. 08-0813.12  
Expiration Date: 11/13/2013  
Approval Date: 01/01/2009

**Upright Screen Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS**

<b>Signature</b>	<b>Date</b>
Robert S. Monsour, P.E.	April 18, 1994
	April 21, 1994
	October 6, 1994
	June 12, 1995

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #00-0815.02**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*

**E. STATEMENTS**

1. *Letter by Upright Screen Corp., dated 08/09/2000, to renew NOA No. 97-0715.09*
2. *Letter prepared by Ramms Engineering, Inc., dated August 9, 2000, signed and sealed by Robert S. Monsour, P.E., stating that he is still in the engineering business.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #03-0718.04**

**A. DRAWINGS**

1. *Drawing No. 2006, titled "Upright Screen Corp.", prepared by Ramms Engineering, Inc., dated June 6, 1995, last revised on June 12, 1995, sheets 1 and 2 of 3 and dated June 6, 1995, sheet 3 of 3, signed and sealed by Robert S. Monsour, P.E.*

**B. TESTS**

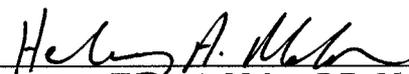
1. *None.*

**C. CALCULATIONS**

1. *Calculation prepared by Ramms Engineering, Inc., dated May 31, 2002, 15 pages, signed and sealed by Robert S. Monsour, P.E.*

**D. QUALITY ASSURANCE**

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



**Henry A. Makar, P.E., M.S.**  
**Product Control Examiner**  
**NOA No. 08-0813.12**  
**Expiration Date: 11/13/2013**  
**Approval Date: 01/01/2009**

**Upright Screen Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Letter prepared by Ramms Engineering, Inc., dated May 6, 2003, signed & sealed by Robert S. Monsour, P.E., stating that he is still in the engineering business.*

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #05-0405.03**

**A. DRAWINGS**

1. *Drawing titled "Screen Enclosure Specs", prepared by Ramms Engineering, Inc., dated 12/31/2001, sheet 1 of 3, dated 03/28/2005, sheet 2 of 3, and dated 06/06/1995, sheet 3 of 3, all sheets signed and sealed by Robert S. Monsour, P.E. on 04/01/2005.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *Calculation prepared by Ramms Engineering, Inc., dated April 01, 2005, 41 pages, signed and sealed by Robert S. Monsour, P.E.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**5. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing titled "Upright Screen", prepared by Ramms Engineering, Inc., dated 07/31/08, sheets 1 through 3 of 3, signed & sealed by Robert S. Monsour, P.E. on 08/01/08.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *Calculation prepared by Ramms Engineering, Inc., dated July 30, 2008, 37 pages, signed and sealed by Robert S. Monsour, P.E.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

  
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**Henry A. Makar, P.E., M.S.**

**Product Control Examiner**

**NOA No. 08-0813.12**

**Expiration Date: 11/13/2013**

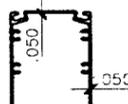
**Approval Date: 01/01/2009**

FLORIDA BUILDING CODE, 2007 COASTAL & NON-COASTAL ZONE (ASCE 7-05 146 MPH EXP. "C")

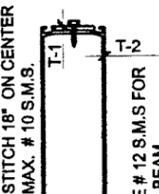
FLAT SPAN BEAM SCHEDULE WITH 10 P.S.F DESIGN LOAD

MARK	SIZE	T-1	T-2	TYPE	MAX. BEAM SPANS AT GIVEN SPACINGS				
					5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
Box Bm.	2 X 3	.045	.045	HOLLOW					
Box Bm.	2 X 4	.100	.045	LAP	13'-4"	12'-9"	12'-3"	11'-8"	11'-3"
Box Bm.	2 X 5	.116	.050	LAP	16'-1"	15'-4"	14'-8"	14'-1"	13'-7"
Box Bm.	2 X 6	.120	.050	LAP	16'-7"	15'-10"	15'-2"	14'-7"	14'-1"
Box Bm.	2 X 7	.220	.055	LAP	18'-1"	17'-2"	16'-5"	15'-10"	15'-3"
Box Bm.	2 X 8	.224	.072	LAP	25'-8"	24'-6"	23'-5"	22'-7"	21'-8"
Box Bm.	2 X 9	.306	.082	LAP	31'-8"	30'-2"	28'-10"	27'-9"	26'-9"
Box Bm.	2 X 10	.389	.092	LAP	37'-3"	35'-7"	34'-1"	32'-8"	31'-6"

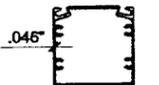
TYP. CROSS SECTIONS



2 X 3 X .050"  
PURLIN / CORNER COLUMNS.



LAP-BEAM



2 X 2 CHAIRRAIL



1 X 2 PATIO  
+/- .005 TOTAL

MANSARD BEAM SCHEDULE COMBINED LOAD OF 10.84 PSF ROOF & 20.12 P.S.F. WALL ACTING SIMULTANEOUSLY

MARK	SIZE	T-1	T-2	TYPE	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
Box Bm.	2 X 7	.12	.055	LAP	12'-0"	10'-10"	9'-7"	8'-6"	7'-4"
Box Bm.	2 X 8	.224	.072	LAP	20'-11"	19'-5"	18'-0"	16'-10"	15'-9"
Box Bm.	2 X 9	.306	.082	LAP	27'-10"	26'-2"	24'-8"	23'-4"	22'-1"
Box Bm.	2 X 10	.389	.092	LAP	34'-1"	32'-3"	30'-6"	29'-0"	27'-9"

NOTE: SPANS SHOWN ABOVE WERE REDUCED TO COMPENSATE FOR AXIAL COMPRESSIVE LOADS.

PURLIN TABLE HEAVY LINE INDICATES MAXIMUM SPAN FOR 4" GUTTER "Z" BRACKET. NO LIMIT TO 5" GUTTER BRACKET.

MARK	SIZE	T-1	T-2	TYPE	MAXIMUM SPAN
2 X 2	.046	.046	HOLLOW	MAXIMUM SPAN = 7'-0" CHAIRRAIL	
2 X 3	.050	.050	HOLLOW	MAXIMUM SPAN = 7'-0" AS PURLIN	

NOTE: MAXIMUM SPACING OF PURLINS = 84". MAXIMUM AREA IN ANY PANEL = 56 SQ. FT. MAXIMUM SPACING OF 2X2 CHAIRRAILS = 60" AVG. SPANS SHOWN ABOVE ARE CLEAR SPANS. 4" MAY ADDED TO EACH SPAN SHOWN.

MAX. COLUMN HEIGHTS AT GIVEN SPACINGS

MARK	SIZE	T-1	T-2	TYPE	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
Box Col.	2 X 4	.100	.045	LAP	8'-9"	8'-4"	8'-0"	7'-8"	7'-5"
Box Col.	2 X 5	.116	.050	LAP	10'-1"	9'-7"	9'-2"	8'-10"	8'-6"
Box Col.	2 X 6	.120	.050	LAP	10'-3"	9'-9"	9'-4"	9'-0"	8'-8"
Box Col.	2 X 7	.220	.055	LAP	11'-3"	10'-9"	10'-3"	9'-10"	9'-6"
Box Col.	2 X 8	.224	.082	LAP	17'-4"	16'-6"	15'-10"	15'-2"	14'-8"

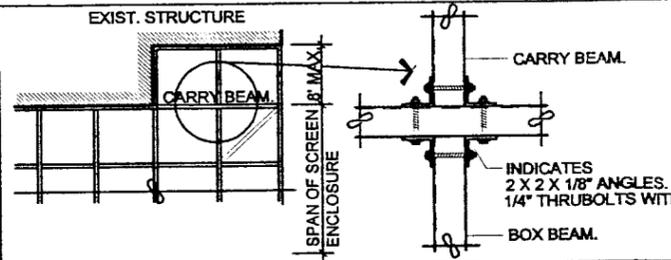
NOTE: MAX SPACING OF CHAIRRAILS IS 66" SPANS SHOWN ABOVE ARE CLEAR SPANS. 4" MAY BE ADDED TO EACH SPAN SHOWN. 2X3 AND 2X4 NON-LOAD BEARING BOX COLUMNS MAY BE INCREASED AN ADDITIONAL 4% TO THE HEIGHTS SHOWN ABOVE. ALL OTHER COLUMNS TO REMAIN THE SAME.

- DESIGN CRITERIA: FLORIDA BUILDING CODE, 2007
- ASCE 7-05 EXPOSURE "C"
- WALLS: DESIGN WIND LOAD IN & OUT 20.12 P.S.F.  
TEST LOAD WIND IN & OUT 30.18 P.S.F.
- ROOF: LIVE LOAD UP & DOWN 10.84 P.S.F.  
TEST LOAD UP & DOWN 16.26 P.S.F.
- DEFLECTION LIMITATION: L/80
- ALUMINUM ALLOY 6063-T6 UNLESS OTHERWISE SPECIFIED.
- NOTES:  
1) ROOF AND SIDES SHALL BE COVERED WITH SCREEN CLOTH BEING 60% OPEN OR GREATER ONLY.  
2) THE EXISTING STRUCTURE MUST BE CAPABLE OF SUPPORTING THE LOADED SCREEN ENCLOSURE.  
3) METAL STRUCTURES WITHIN 5 FT. OF SWIMMING POOLS SHALL BE GROUNDED PR N.E.C. 680-22  
4) ANCHORS TO CONCRETE & MASONRY SHALL BE 3/8" X 3" ANCHORS OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIED.  
5) CONSULT ENGINEER OF RECORD FOR CONDITIONS EXCEEDING THESE SPECS.

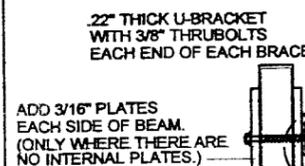
CARRY BEAM TABLE

CLEAR SPAN OF 2 X 6 CARRY BM.	MAX SPAN OF SCREEN ENCLOSURE	CLEAR SPAN OF 2 X 7 CARRY BM.	MAX SPAN OF SCREEN ENCLOSURE
10'-0"	*MAXIMUM	14'-0"	*MAXIMUM
12'-0"	26'-5"	16'-0"	34'-5"
14'-0"	17'-4"	18'-0"	25'-6"
16'-0"	10'-9"	20'-0"	16'-9"
18'-0"	5'-2"	22'-0"	10'-7"

\*MAXIMUM SPAN SHOWN IN BEAM TABLE ABOVE.

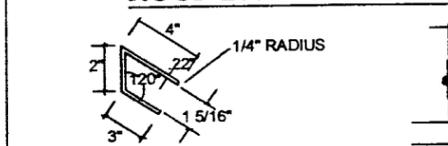


PRODUCT REVISED as complying with the Florida Building Code Acceptance No 08-0813.12 Expiration Date 11/13/29/13  
By *Heavenly A. Miller*  
Miami Dade Product Control Division

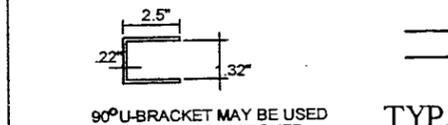


ROOF BRACING LAYOUT

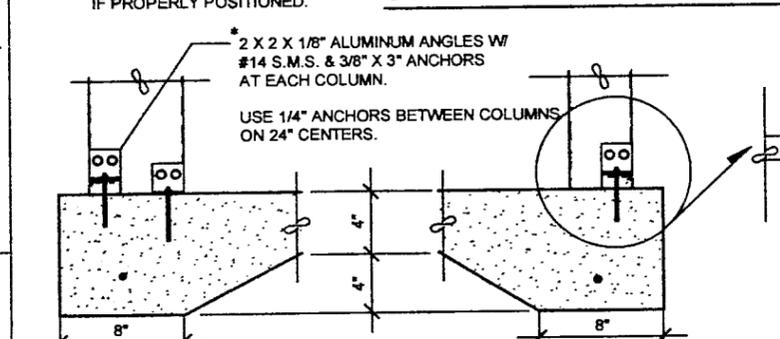
ROOF BRACE DETAIL



SPECIAL U-BRACKET



TYP. ROOF BRACE DETAIL



DETAIL OF ANCHORING TO FOOTING

ANCHOR BOLTS TO EXTEND 1 1/4" BEYOND CHATT. OR BRICK PAVEMENT SURFACES

NOTE: COLUMNS ALONG END WALLS REQUIRE ONE PAIR OF 2X2X1/8" ANGLES UNLESS COLUMNS ARE 2X5 OR GREATER. THEN TWO PAIR OF ANGLES ARE REQUIRED.

REPRODUCTION AND APPROVAL OF THIS PLAN OR ANY PART THEREOF FOR CONSTRUCTION OR ANY OTHER USE SHALL ONLY BE DONE BY RAMMS ENGINEERING, INC.

THIS PLAN IS INVALID UNLESS SIGNED AND SEALED BY ROBERT S. MONSOUR FOR EACH SUBMITTAL.

FOR SPANS OVER 18',  
4 - 2 X 2 X 1/8" BASE ANGLES MAY BE USED AS SHOWN IN PLACE OF 2 - 1/4" ANGLES ON COLUMNS SUPPORTING BEAMS.

WHEN USING 4 ANGLES, 1/4" X 3" ANCHORS MAY BE USED.

WHEN USING 4 ANGLES, 1/4" X 3" ANCHORS MAY BE USED.

REVISIONS

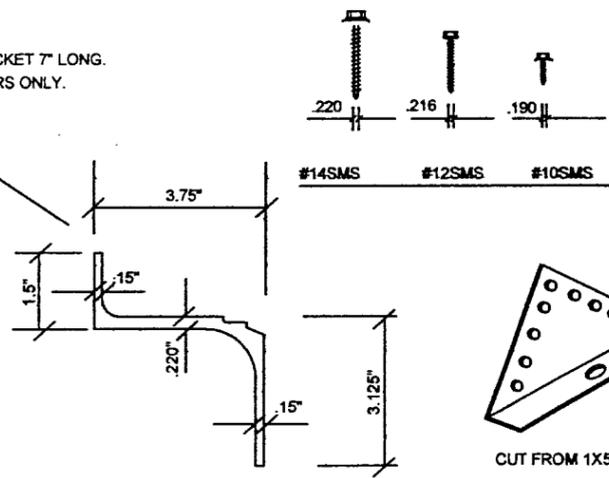
RAMMS ENGINEERING, INC.  
Structural Design  
2100 W. 78th STREET, SUITE 311  
HALEAH, FLORIDA 33016  
ROBERT MONSOUR  
TEL: (305) 822-3141  
EB 0006024  
LIC No. 11955

UPRIGHT SCREEN  
611 NE 12 ST.  
HOMESTEAD, FLORIDA

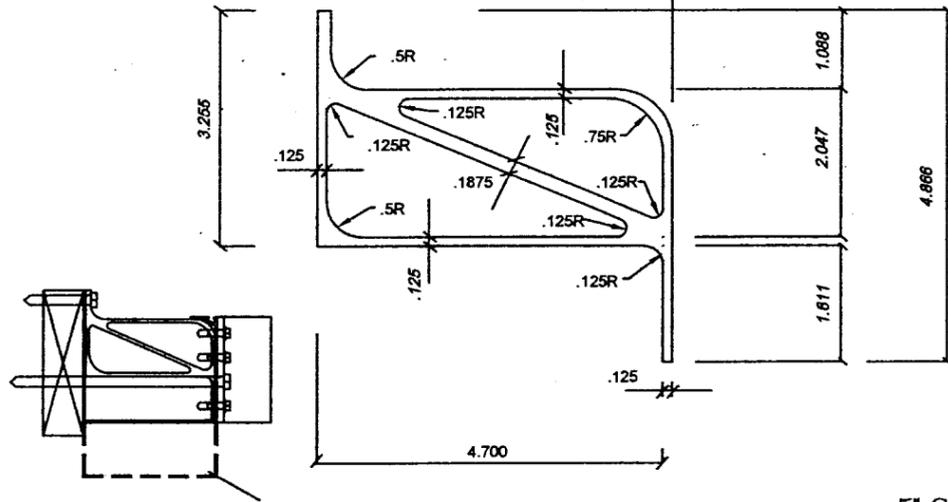
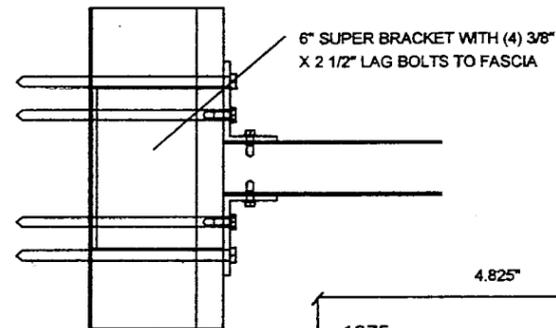
DRAWN BY: JUAN JARA  
DATE: 7-31-08  
SCALE:  
JOB No:  
SHEET 1  
OF 3



SPECIAL Z BRACKET 7" LONG.  
4" WIDE GUTTERS ONLY.



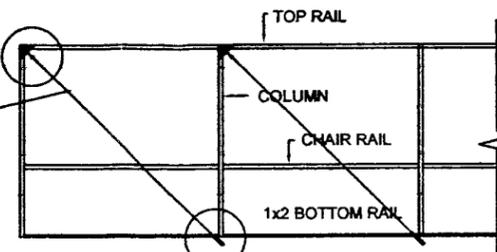
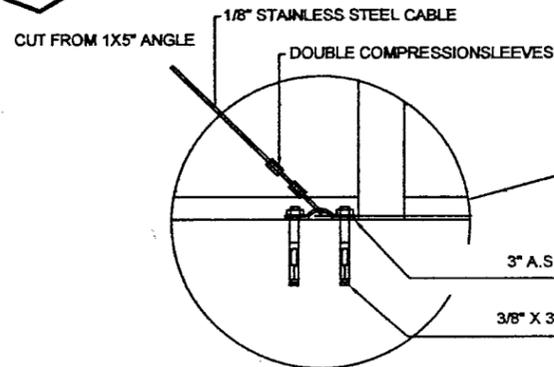
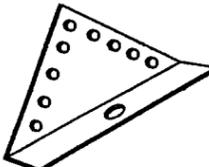
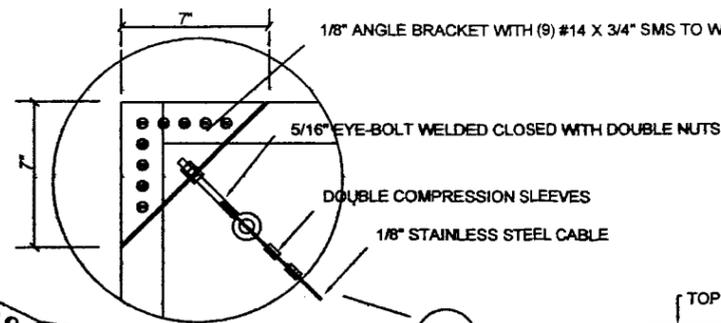
4" Z-BRACKET



ALTERNATE GUTTER SIZE.

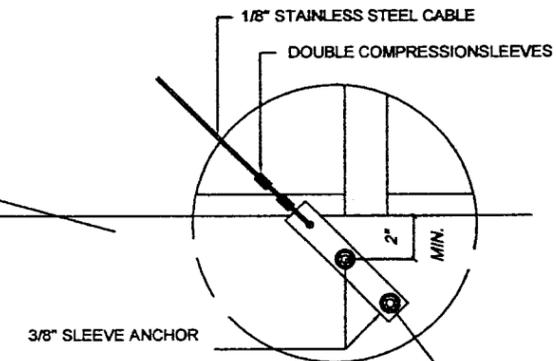
5" GUTTER BRACKET DETAILS.

1/8" ANGLE BRACKET WITH (9) #14 X 3/4" SMS TO WALL MEMBERS



END NON LOAD BEARING WALL SQUARE FOOTAGE				
1-145	146-273	274-363	364-416	417-443
TOTAL NUMBER OF CABLES ON THE FRONT LOAD BEARING WALL				
2	4	6	8	10
1 EA. END	2 EA. END	3 EA. END	4 EA. END	5 EA. END

QUANTITIES ABOVE ARE FOR 3 SIDED ENCLOSURES.  
REFER TO ENGINEER'S SITE SPECIFIC PLAN FOR OTHER CONDITIONS.  
USE ONE SET OF CABLES ON RETURN WALLS  
FOR SPANS OVER 16 FEET.



THIS CLIP MAY ALSO BE USED ON SIDE OF  
CONCRETE SLAB. MAINTAIN 2" MIN. EDGE DISTANCE.



1 1/4" X 5/8" X 1/8" FLAT BAR

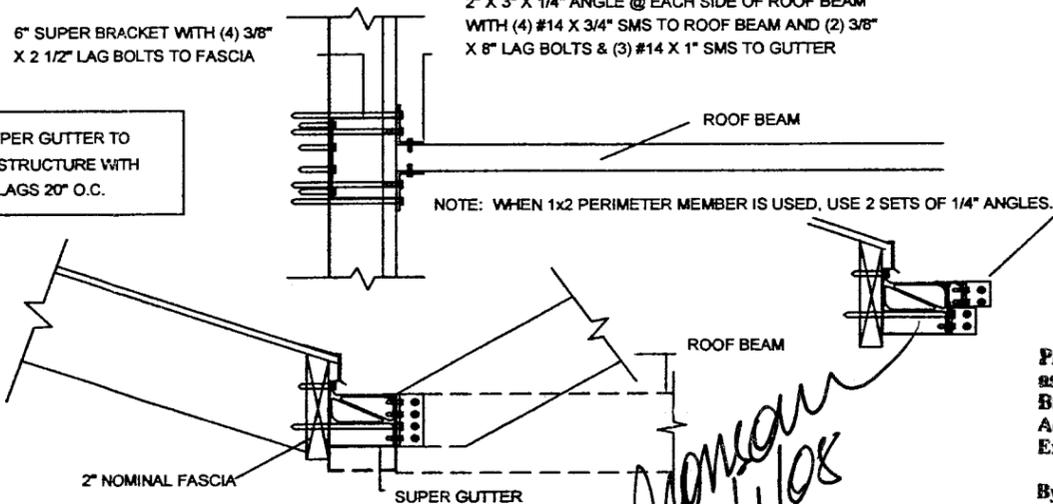
ALTERNATE

CABLE BRACING DETAIL

6" SUPER BRACKET WITH (4) 3/8"  
X 2 1/2" LAG BOLTS TO FASCIA

FASTEN SUPER GUTTER TO  
THE HOST STRUCTURE WITH  
1/4" X 2 1/2" LAGS 20" O.C.

2" X 3" X 1/4" ANGLE @ EACH SIDE OF ROOF BEAM  
WITH (4) #14 X 3/4" SMS TO ROOF BEAM AND (2) 3/8"  
X 8" LAG BOLTS & (3) #14 X 1" SMS TO GUTTER



NOTE: WHEN 1x2 PERIMETER MEMBER IS USED, USE 2 SETS OF 1/4" ANGLES.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 08-0813-12  
Expiration Date 11/13/2013  
By *Robert Monsour*  
Miami Dade Product Control  
Division

*Monsour*  
8/11/08

REVISIONS

RAMMS ENGINEERING, INC.  
*Structural Design*  
2100 W. 76th STREET, SUITE 311  
HIALEAH, FLORIDA 33016  
TEL: (305) 822-3141

UPRIGHT SCREEN  
611 NE 12 ST.  
HOMESTEAD, FLORIDA

DRAWN BY: JUAN JARA  
DATE: 7-31-08  
SCALE:  
JOB No:

SHEET  
3  
OF 3