



**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**

NOTICE OF ACCEPTANCE (NOA)

**Upright Screen Corporation
611 N.E. 12th 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 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, 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 # **00-0815.02** and consists of this page 1, evidence submitted page(s) as well as approval document mentioned above.

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



Helmy A. Makar
12/04/03

**NOA No 03-0718.04
Expiration Date: 11/13/2008
Approval Date: 12/04/2003**

Upright Screen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #97-0715.09

A. DRAWINGS

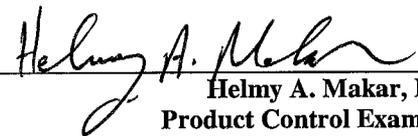
Drawing Number Sheet Number	Drawing Date Latest Revision Date	Signed and Sealed By Date
2006 Sheet 1 of 3	July 19, 1994 Revised: June 12, 1995	Robert S. Monsour, P.E. June 12, 1995
2006 Sheet 2 of 3	July 19, 1994 Revised: June 12, 1995	Robert S. Monsour, P.E. June 12, 1995
2006 Sheet 3 of 3	June 6, 1995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

B. TESTS

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

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

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



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 03-0718.04
Expiration Date: 11/13/2008
Approval Date: 12/04/2003

Upright Screen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

Signature	Date
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, requesting renewal of 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. NEW EVIDENCE SUBMITTED

A. DRAWINGS

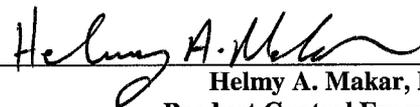
1. *Drawing No. 2006, titled "Upright Screen Corp.", prepared by Ramms Engineering, Inc., dated June 6, 1995, last revised on June 12, 1995, sheets 1 and 2 of 3 and dated June 6, 1995, sheet 3 of 3, signed and sealed by Robert S. Monsour, P.E.*

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.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 03-0718.04
Expiration Date: 11/13/2008
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Upright Screen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

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



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 03-0718.04
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COASTAL & NON-COASTAL ZONE ASCE 7-98 146 MPH

BEAM AND COLUMN SCHEDULE

MARK	SIZE	T1	T2	TYPE	MAX. BEAM SPANS AT GIVEN SPACINGS							
					5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	
Box Bm.	2 x 2	.055	.055	HOLLOW	6'-11"	6'-9"	6'-7"	6'-4"	6'-3"	6'-1"	5'-11"	
Box Bm.	2 X 3	.055	.055	SNAP	9'-7"	9'-3"	9'-0"	8'-9"	8'-7"	8'-4"	8'-2"	
Box Bm.	2 X 4	.062	.062	SNAP	12'-6"	12'-2"	11'-9"	11'-5"	11'-2"	10'-11"	10'-8"	
Box Bm.	2 X 4	.120	.055	LAP	14'-3"	13'-9"	13'-4"	13'-0"	12'-8"	12'-5"	12'-2"	
Box Bm.	2 X 5	.062	.062	SNAP	15'-1"	14'-7"	14'-2"	13'-9"	13'-5"	13'-2"	12'-10"	
Box Bm.	2 X 6	.120	.062	SNAP	19'-11"	19'-4"	18'-9"	18'-3"	17'-10"	17'-5"	17'-1"	
Box Bm.	2 X 6	.14	.062	LAP	20'-4"	19'-9"	19'-2"	18'-8"	18'-2"	17'-9"	17'-5"	
Box Bm.	2 X 7	.130	.068	SNAP	22'-11"	22'-3"	21'-7"	21'-0"	20'-6"	20'-1"	19'-7"	
Box Bm.	2 X 7	.130	.055	LAP	21'-7"	20'-7"	19'-9"	18'-11"	18'-3"	17'-8"	17'-1"	
Box Bm.	2 X 7	.280	.070	LAP	27'-1"	26'-3"	25'-5"	24'-9"	24'-2"	23'-7"	23'-2"	
Box Bm.	2 X 8	.224	.072	LAP	28'-8"	27'-9"	26'-11"	26'-3"	25'-7"	25'-0"	24'-6"	
Box Bm.	2 X 8	.224	.082	LAP	29'-0"	28'-2"	27'-3"	26'-7"	25'-11"	25'-4"	24'-10"	
Box Bm.	2 X 9	.224	.072	LAP	31'-5"	30'-5"	29'-3"	28'-1"	27'-1"	26'-2"	25'-4"	
Box Bm.	2 X 9	.320	.082	LAP	34'-3"	33'-3"	32'-3"	31'-5"	30'-8"	30'-0"	29'-4"	
Box Bm.	2 x 10	.360	.092	LAP	38'-7"	37'-4"	36'-4"	35'-4"	34'-6"	33'-8"	33'-0"	

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

MARK	SIZE	T1	T2	TYPE	MAXIMUM SPAN = 7'-0" AS PURLIN AND CHAIRRAIL
2 X 2	.055	.055	HOLLOW	MAXIMUM SPAN = 7'-0"	AS PURLIN AND CHAIRRAIL
2 X 3	.055	.055	HOLLOW	MAXIMUM SPAN = 8'-0" AS PURLIN AND CHAIRRAIL	

NOTE: MAXIMUM SPACING OF PURLINS = 84". MAXIMUM AREA IN ANY PANEL = 56 SQ. FT.
 MAXIMUM SPACING OF 2X2 CHAIRRAILS = 60" AVG.
 MAXIMUM SPACING OF 3X2 CHAIRRAILS = 72" AVG.
 SPANS SHOWN ABOVE ARE CLEAR SPANS. 4" MAY BE ADDED TO EACH SPAN SHOWN.

MARK	SIZE	T1	T2	TYPE	MAX. COLUMN HEIGHTS AT GIVEN SPACINGS							
					5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	
Box Col.	2 X 3	.055	.055	SNAP	6'-5"	6'-2"	5'-10"	5'-7"	5'-5"	5'-3"	5'-1"	
Box Col.	2 X 4	.062	.062	SNAP	8'-4"	8'-0"	7'-8"	7'-4"	7'-1"	6'-10"	6'-7"	
Box Col.	2 X 4	.120	.055	LAP	10'-2"	9'-9"	9'-4"	8'-11"	8'-7"	8'-4"	8'-1"	
Box Col.	2 X 5	.062	.062	LAP	9'-8"	9'-3"	8'-11"	8'-6"	8'-2"	7'-11"	7'-8"	
Box Col.	2 X 6	.13	.055	LAP	13'-4"	12'-8"	12'-2"	11'-8"	11'-3"	10'-10"	10'-6"	
Box Col.	2 X 7	.130	.055	SNAP	13'-6"	12'-11"	12'-4"	11'-10"	11'-5"	11'-0"	10'-8"	
Box Col.	2 X 7	.280	.070	LAP	20'-6"	19'-6"	18'-7"	17'-11"	17'-4"	16'-8"	16'-2"	
Box Col.	2 X 8	.224	.082	LAP	21'-4"	20'-4"	19'-6"	18'-9"	18'-1"	17'-5"	16'-11"	

NOTE: MAX SPACING OF CHAIRRAILS IS 78" 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 10% TO THE HEIGHTS SHOWN ABOVE.
 ALL OTHER COLUMNS TO REMAIN THE SAME.

DESIGN CRITERIA: FLORIDA BUILDING CODE, 2001
 ASCE 7-98 EXPOSURE "C"

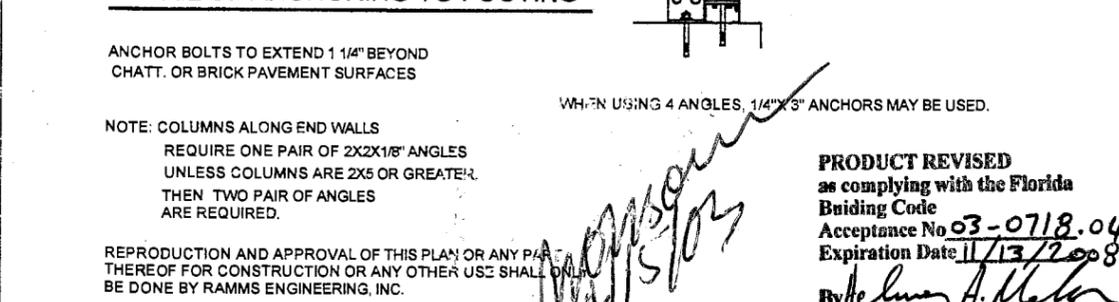
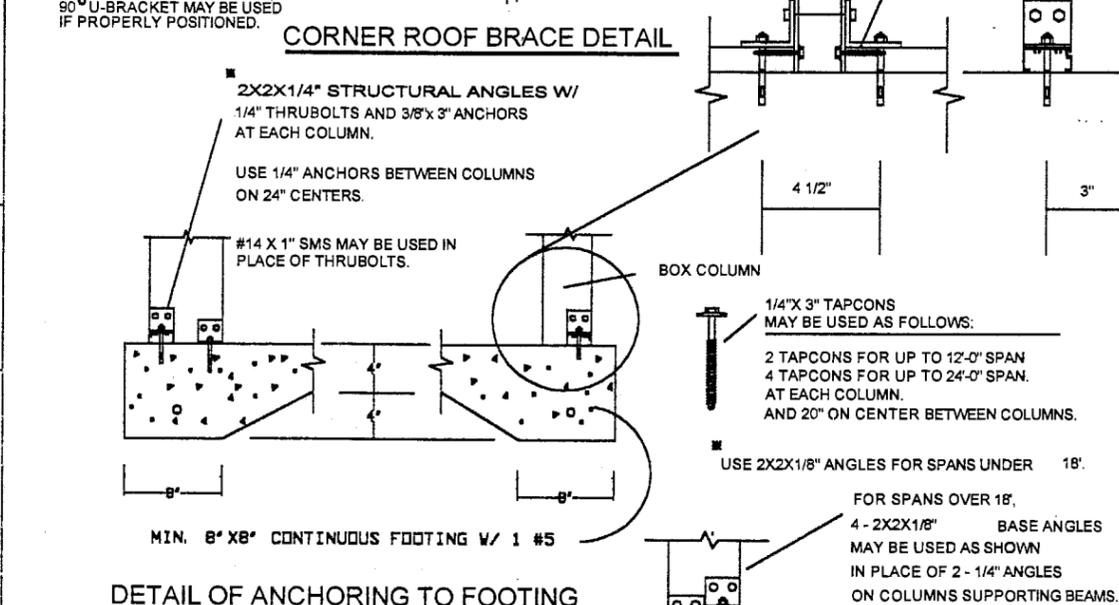
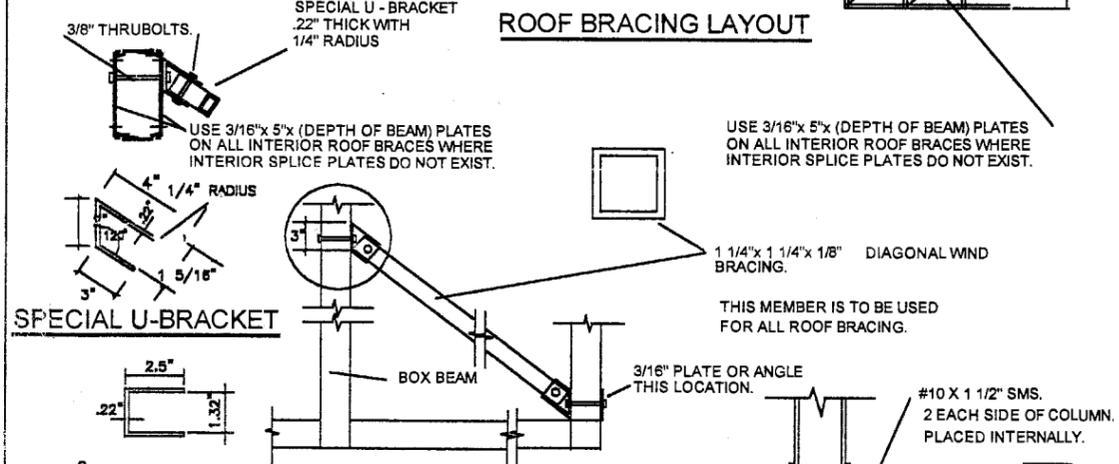
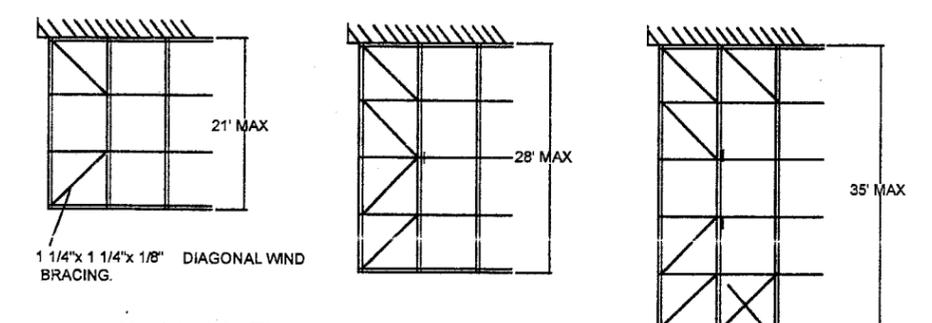
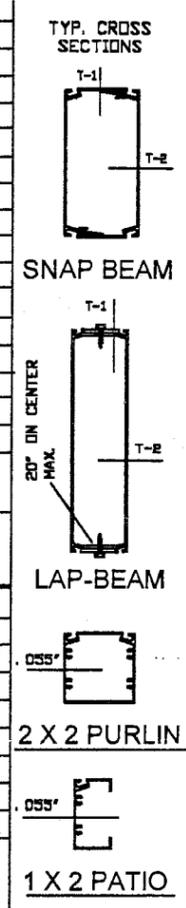
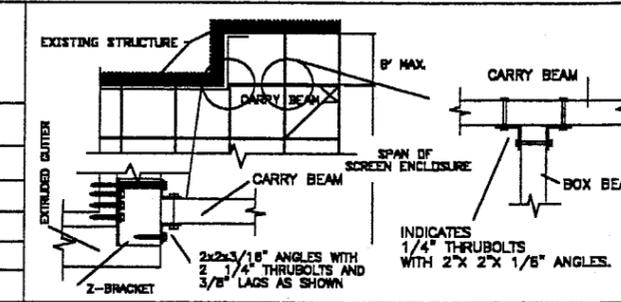
WALLS DESIGN WIND LOAD IN & OUT ----- 24.42 PSF
 TEST LOAD WIND IN & OUT ----- 36.63 PSF
 ROOF LIVE LOAD UP & DOWN ----- 10.6 PSF
 TEST LOAD UP & DOWN ----- 15.9 PSF

DEFLECTION LIMITATION: ----- L/80
 ALUMINUM ALLOY 6063-T6 UNLESS OTHERWISE SPECIFIED.

CARRY BEAM TABLE

CLEAR SPAN OF 2 X 6 CARRY BEAM	MAX SPAN OF SCREEN ENCLOSURE	CLEAR SPAN OF 2 X 7 CARRY BEAM	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.



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.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 03-0718.04 Expiration Date 11/13/2008

By *Robert S. Monsour*
 Miami Dade Product Control Division

REVISIONS	BY
9/12/94	RM
9/30/94	RM
10/6/94	RM
6/12/95	RM

RAMMS ENGINEERING, INC.
Structural Design
 2100 W. 76th STREET, SUITE 311
 HIALEAH, FLORIDA 33018
 EB 0006024

UPRIGHT SCREEN CORP.
 611 N.E. 12 ST.
 HOMESTEAD, FL. (305) 258-2537

MONSOUR
RSM
JUNE 6, 1995
SHOWN
2006
1

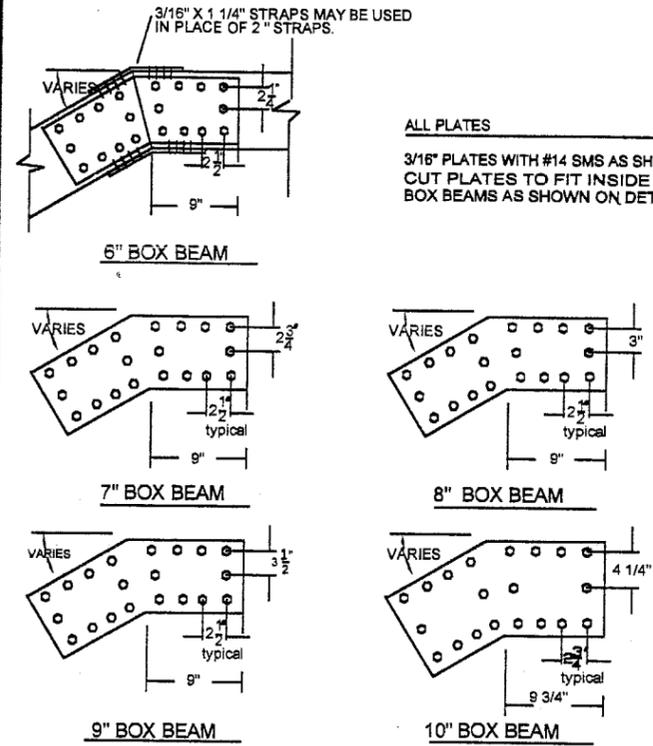
REVISIONS	BY
9/12/94	RM
9/30/94	RM
10/6/94	RM
6/12/95	RM

RAMMS ENGINEERING, INC.
Structural Design
 2100 W. 76th STREET, SUITE 311
 HULDAH, FLORIDA 33018
 EB 0006024

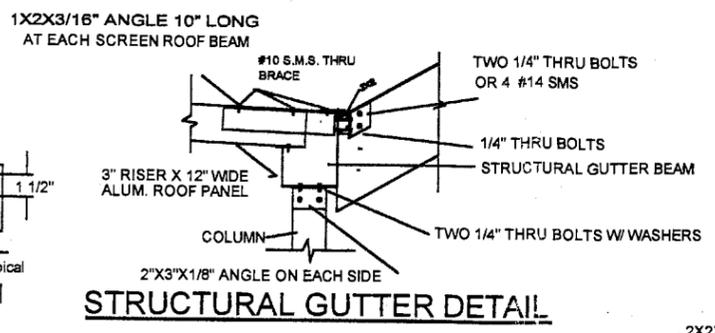
UPRIGHT SCREEN CORP.
 611 N.E. 12 ST.
 HOMESTEAD, FL. (305) 258-2537

MONSOUR
RSM
JUNE 6, 1995
SHOWN
2006
2

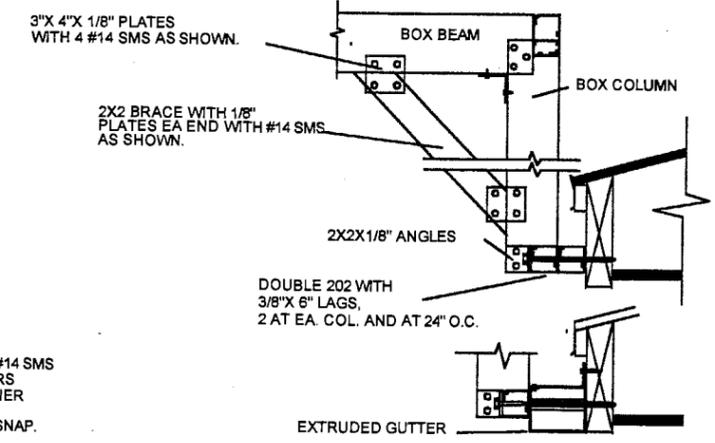
(2X3, 2X4, 2X5 AND 2X6 BOX BEAMS)
 USE 1/8"X 2"X 8" STRAPS WITH
 6 #14 SMS TOTAL (3 EACH SIDE OF SPLICE)
 (2X7, 2X8, 2X9 AND 2X10 BOX BEAMS)
 USE 1/8"X 2"X 12" STRAPS WITH
 14 #14 SMS TOTAL (7 EACH SIDE OF SPLICE)
 3/16" X 1 1/4" STRAPS MAY BE USED
 IN PLACE OF 2" STRAPS.



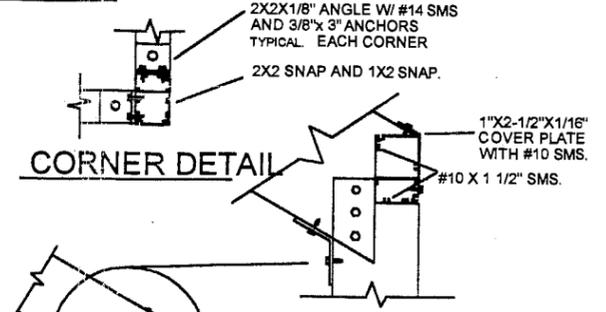
ALL PLATES
 3/16" PLATES WITH #14 SMS AS SHOWN
 CUT PLATES TO FIT INSIDE OF
 BOX BEAMS AS SHOWN ON DETAIL



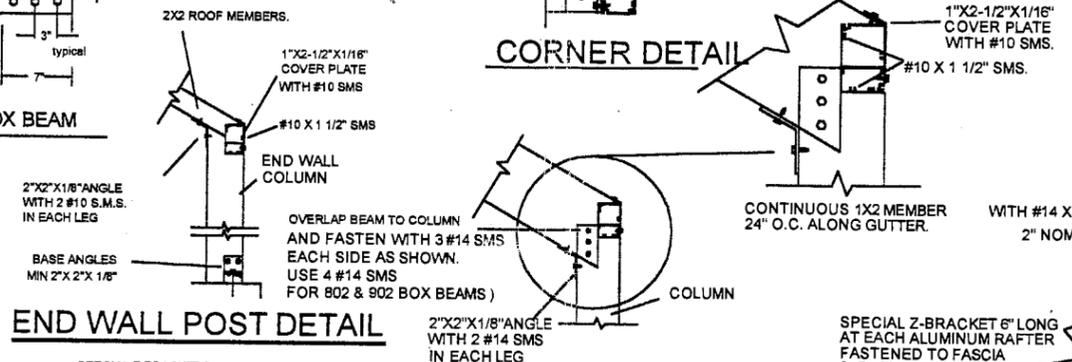
STRUCTURAL GUTTER DETAIL



FASCIA CONNECTION FOR DOMES

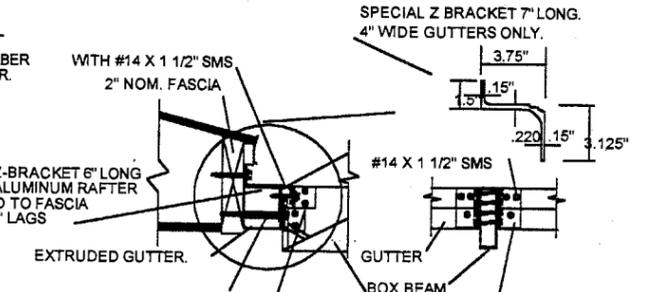


CORNER DETAIL



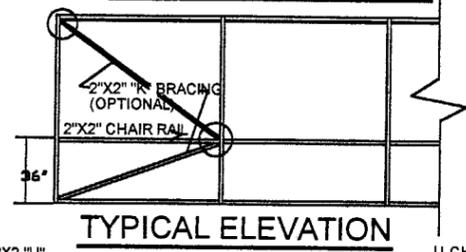
END WALL POST DETAIL

BEAM TO COLUMN CONNECTION

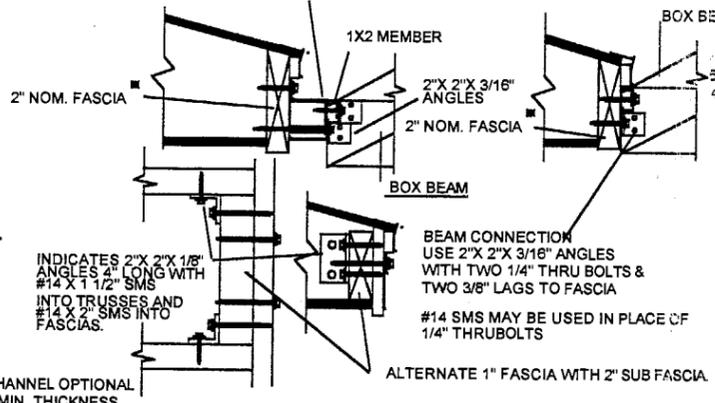


GUTTER BRACE DETAIL

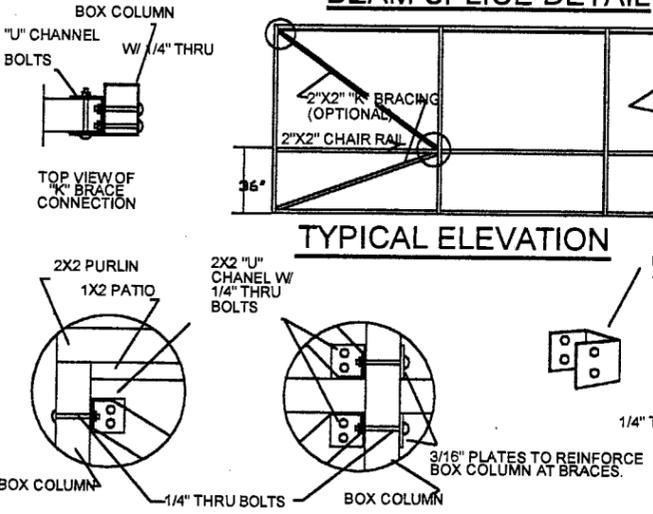
MANSARD BOX BEAM SPLICE DETAIL



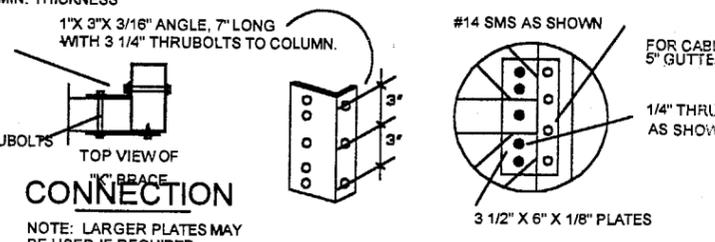
TYPICAL ELEVATION



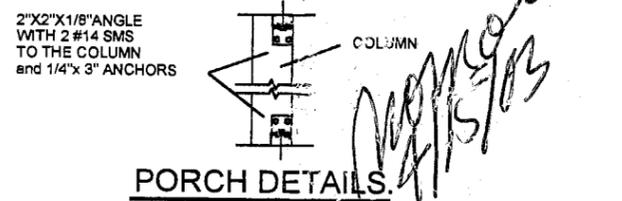
BOX BEAM DETAILS



K - BRACE DETAILS



ALTERNATE BRACE DETAILS



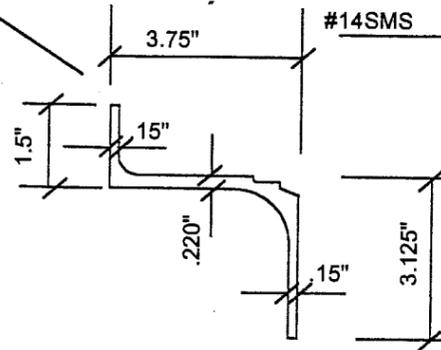
PORCH DETAILS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 03-0718.04
 Expiration Date 11/13/2008
 By *Robert S. Monsour*
 Miami Dade Product Control
 Division

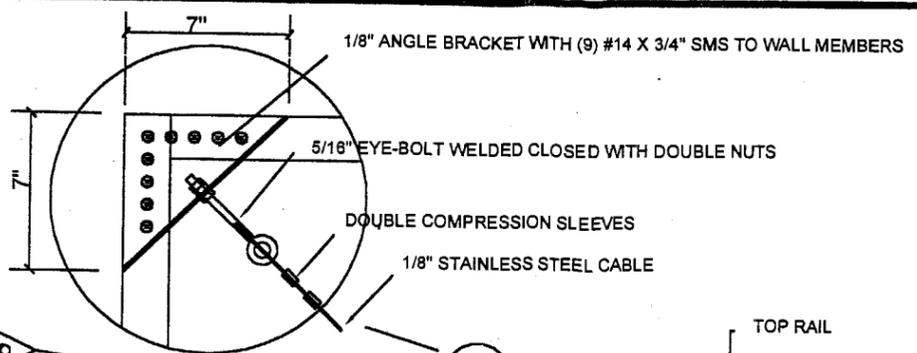
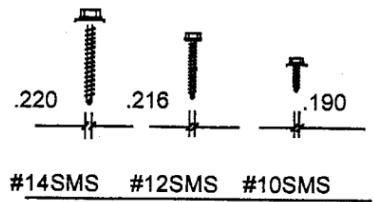
REPRODUCTION AND APPROVAL OF THIS PLAN OR ANY PART THEREOF
 FOR CONSTRUCTION OR ANY OTHER USE SHALL ONLY BE DONE BY
 RAMMS ENGINEERING, INC.

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

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

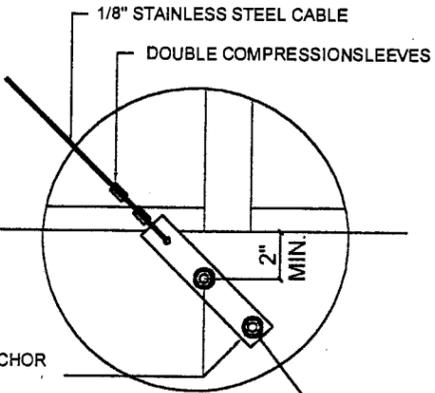
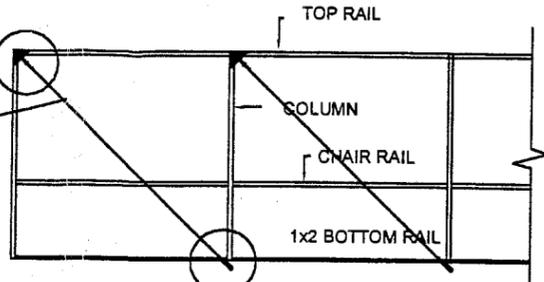
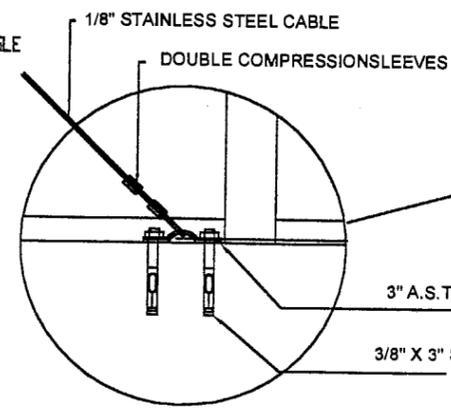
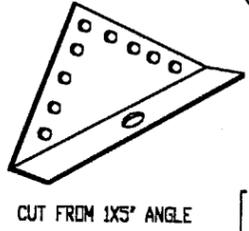


4" Z-BRACKET



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

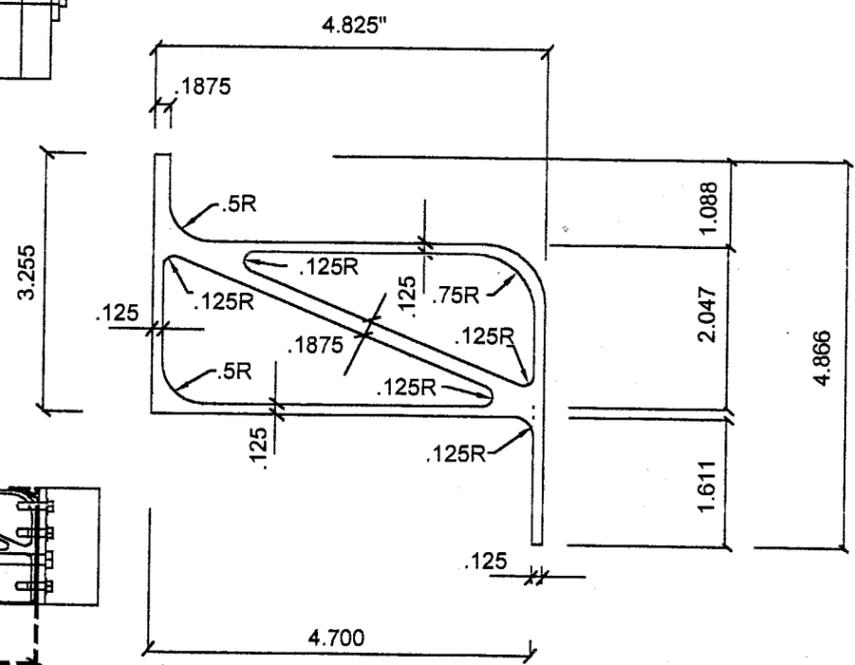
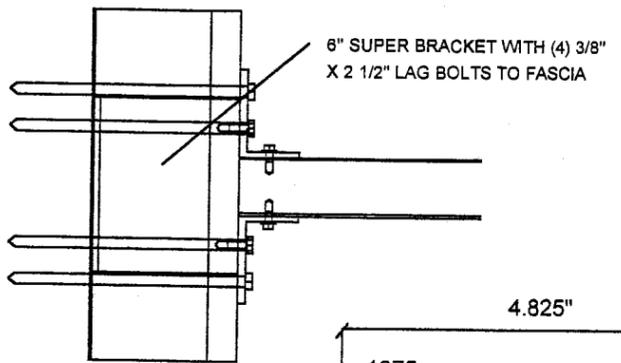
QUANTITIES ABOVE ARE FOR 3 SIDED ENCLOSURES.
REFER TO ENGINEER'S SITE SPECIFIC PLAN FOR OTHER CONDITIONS.
USE ONE SET OF CABLES ON RETURN WALLS
FOR SPANS OVER 16 FEET.



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

ALTERNATE

CABLE BRACING DETAIL

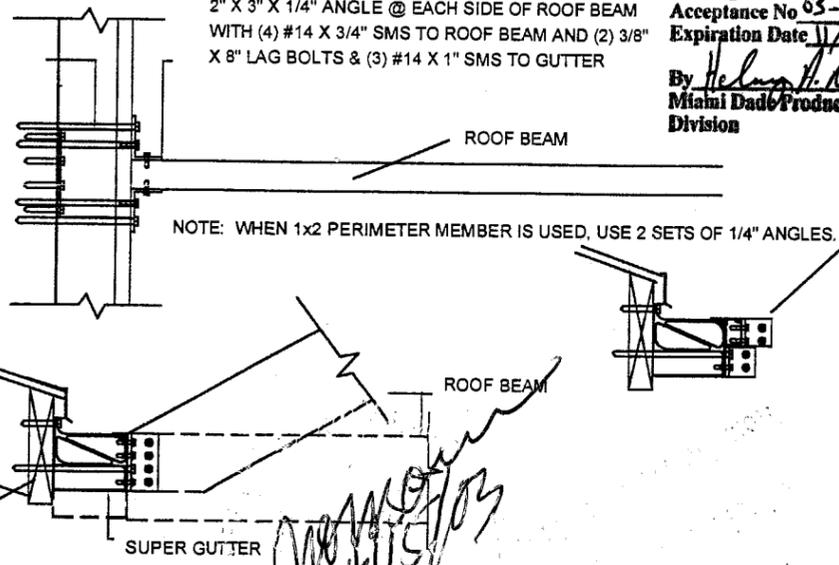


ALTERNATE GUTTER SIZE.

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

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

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 03-0718.04
Expiration Date 11/13/2008
By *Helmut H. H. H.*
Miami Dade Product Control
Division

5" GUTTER BRACKET DETAILS.

REVISIONS	BY

RAMMS ENGINEERING, INC.
Structural Design
2100 W. 76th STREET, SUITE 311
HALEAH, FLORIDA 33018
EB 0006024

UPRIGHT SCREEN CORP.
611 N.E. 12 ST.
HOMESTEAD, FL. (305) 258-2537

MONSOUR
RSM
JUNE 8, 1995
SHOWN
2006
3