



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

A. E. Mason Ltd., Corp.
6368 N.W. 82nd Avenue
Miami, Florida 33166

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 " Screen Enclosure Specs " , sheets 1 through 3 of 3, prepared by Ramms Engineering, Inc., signed and sealed by Robert S. Monsour, P.E. on June 20, 2005, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

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

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA # 04-0114.01** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

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



Helmy A. Makar
 03/30/2006

NOA No 05-1115.02
Expiration Date: 01/29/2009
Approval Date: 03/30/2006
Page 1

A. E. Mason Ltd., Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #97-1208.03
A. DRAWINGS

Drawing Number Sheet Number	Drawing Date Latest Revision Date	Signed and Sealed By Date
3101 Sheet 1 of 3	December 14, 1994 Revised: June 12, 1995	Robert S. Monsour, P.E. June 12, 1995
3101 Sheet 2 of 3	December 14, 1994 Revised: June 12, 1995	Robert S. Monsour, P.E. June 12, 1995
3101 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 95-013
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)	April 29 & 30, 1995

Test Laboratory	Construction Testing Corporation
Test Number	CTC 95-019
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)	April 28, 1995

Test Laboratory	Construction Testing Corporation
Test Number	CTC 94-011
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 11, 1994



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-1115.02
Expiration Date: 01/29/2009
Approval Date: 03/30/2006

A. E. Mason Ltd., Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

Signature	Date
Robert S. Monsour, P.E.	April 18, 1994
Robert S. Monsour, P.E.	April 21, 1994
Robert S. Monsour, P.E.	September 12, 1994
Robert S. Monsour, P.E.	October 6, 1994
Robert S. Monsour, P.E.	December 14, 1994
Robert S. Monsour, P.E.	June 12, 1995

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #00-0822.04

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

E. STATEMENTS

1. *Letter dated 08/15/2000, requesting renewal of NOA No. 97-1208.03 and stating that the product has not changed, prepared by AE Mason Ltd., Corp.*
2. *Letter prepared by Ramms Engineering, Inc., dated August 15, 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 # 04-0114.01

A. DRAWINGS

1. *Drawing No. 3101, titled "Coastal & Non-Coastal Zone ASCE 7-98 146 MPH", sheets 1 through 3 of 3, prepared by Ramms Engineering, Inc., dated June 6, 1995, signed & sealed by Robert S. Monsour, P.E. on March 01, 2004*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-1115.02
Expiration Date: 01/29/2009
Approval Date: 03/30/2006

A. E. Mason Ltd., Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculation prepared by Ramms Engineering, Inc., dated February 28, 2004, 20 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.*

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing titled " Screen Enclosure Specs " , sheets 1 through 3 of 3, prepared by Ramms Engineering, Inc., signed and sealed by Robert S. Monsour, P.E. on June 20, 2005.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculation prepared by Ramms Engineering, Inc., dated June 20, 2005, 41 pages, signed and sealed by Robert S. Monsour, P.E. on June 20, 2005.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-1115.02
Expiration Date: 01/29/2009
Approval Date: 03/30/2006

COASTAL & NON-COASTAL ZONE ASCE 7-02 146 MPH EXP. "C"

REVISIONS	BY:

RAMMS ENGINEERING, INC.
Structural Design
 2100 W. 76th STREET, SUITE 311
 MIAMI, FLORIDA 33116
 P.E. No. 11955
 EB 0006024

Screen Enclosure Specs
 6368 NW 82 Ave.
 Miami, FL 33166
Amason Ltd. Corp.

	R.S.M.
	R.S.M.
	R.S.M.
	12-31-01
	AS SHOWN
	AFF2/SPEC
	1

FLAT SPAN BEAM SCHEDULE

BASED ON 10 PSF ROOF LOAD ACTING ALONE

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	.045	.045	HOLLOW	6'-0"	5'-8"	5'-5"	5'-2"	5'-0"	4'-9"	4'-8"	
Box Bm.	2 x 3	.045	.045	HOLLOW	8'-0"	7'-7"	7'-2"	7'-0"	6'-8"	6'-5"	6'-2"	
Box Bm.	2 x 4	.100	.045	LAP	13'-4"	13'-0"	12'-4"	11'-10"	11'-5"	11'-0"	10'-8"	
Box Bm.	2 x 5	.116	.050	LAP	18'-5"	18'-8"	18'-0"	14'-4"	13'-10"	13'-4"	13'-0"	
Box Bm.	2 x 6	.120	.050	LAP	17'-0"	16'-2"	15'-5"	14'-10"	14'-3"	13'-9"	13'-4"	
Box Bm.	2 x 7	.220	.055	LAP	22'-0"	20'-10"	20'-0"	19'-2"	18'-5"	17'-10"	17'-3"	
Box Bm.	2 x 8	.224	.072	LAP	26'-5"	25'-2"	24'-1"	23'-2"	22'-3"	21'-6"	20'-10"	
Box Bm.	2 x 9	.306	.082	LAP	32'-8"	31'-1"	29'-9"	28'-7"	27'-6"	26'-7"	25'-9"	
Box Bm.	2 x 10	.389	.092	LAP	38'-5"	36'-8"	35'-1"	33'-9"	32'-8"	31'-4"	30'-4"	

MANSARD BEAM SCHEDULE

COMBINED LOAD OF 7.4 PSF ROOF & 24.42 PSF WALL ACTING SIMULTANEOUSLY

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 7	.220	.055	LAP	18'-5"	18'-8"	15'-2"	13'-9"	12'-4"	11'-0"	9'-9"	
Box Bm.	2 x 8	.224	.072	LAP	25'-3"	23'-3"	21'-10"	20'-5"	19'-0"	17'-10"	16'-8"	
Box Bm.	2 x 9	.306	.082	LAP	32'-5"	30'-3"	28'-5"	26'-9"	25'-3"	23'-10"	22'-6"	
Box Bm.	2 x 10	.389	.092	LAP	38'-5"	36'-9"	35'-1"	33'-9"	32'-3"	30'-9"	29'-3"	

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

PURLIN TABLE		HEAVY LINE INDICATES MAXIMUM SPAN FOR 4" GUTTER "Z" BRACKET. NO LIMIT TO 5" GUTTER MEGA BRACKET.	
2 x 2	.045	.045	HOLLOW
2 x 3	.045	.045	HOLLOW

NOTE: MAXIMUM SPACING OF PURLINS = 84". MAXIMUM AREA IN ANY PANEL = 56 SQ. FT.
 MAXIMUM SPACING OF 2X2 CHAIRRAILS = 66" 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 4	.100	.045	LAP	7'-11"	7'-7"	7'-2"	6'-11"	6'-8"	6'-5"	6'-3"	
Box Col.	2 x 5	.116	.050	LAP	9'-2"	8'-8"	8'-4"	8'-0"	7'-8"	7'-5"	7'-3"	
Box Col.	2 x 6	.120	.050	LAP	9'-3"	8'-10"	8'-5"	8'-1"	7'-10"	7'-7"	7'-4"	
Box Col.	2 x 7	.220	.055	LAP	12'-6"	11'-11"	11'-5"	11'-0"	10'-7"	10'-3"	9'-11"	
Box Col.	2 x 8	.224	.082	LAP	15'-9"	15'-0"	14'-4"	13'-9"	13'-3"	12'-10"	12'-5"	

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.

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.

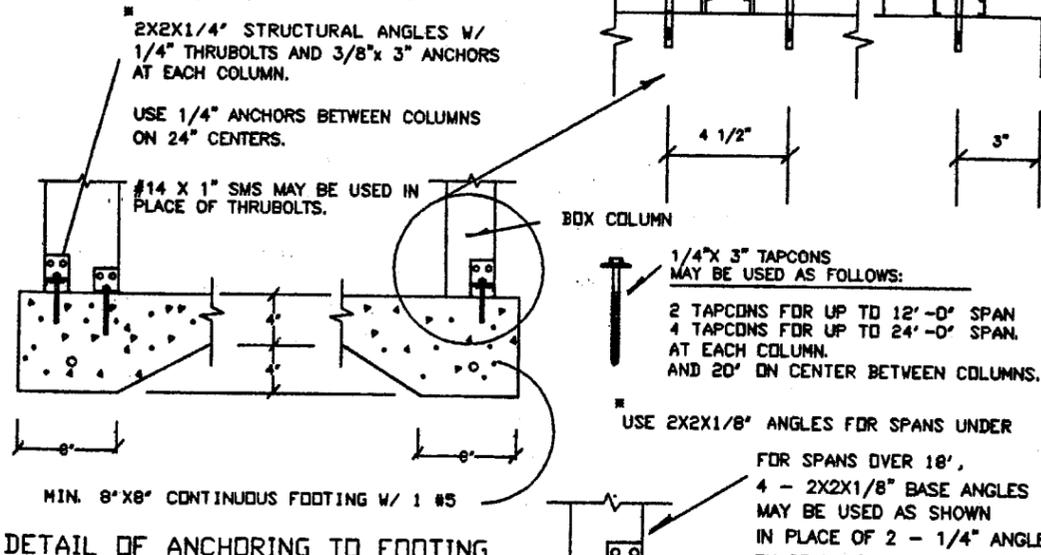
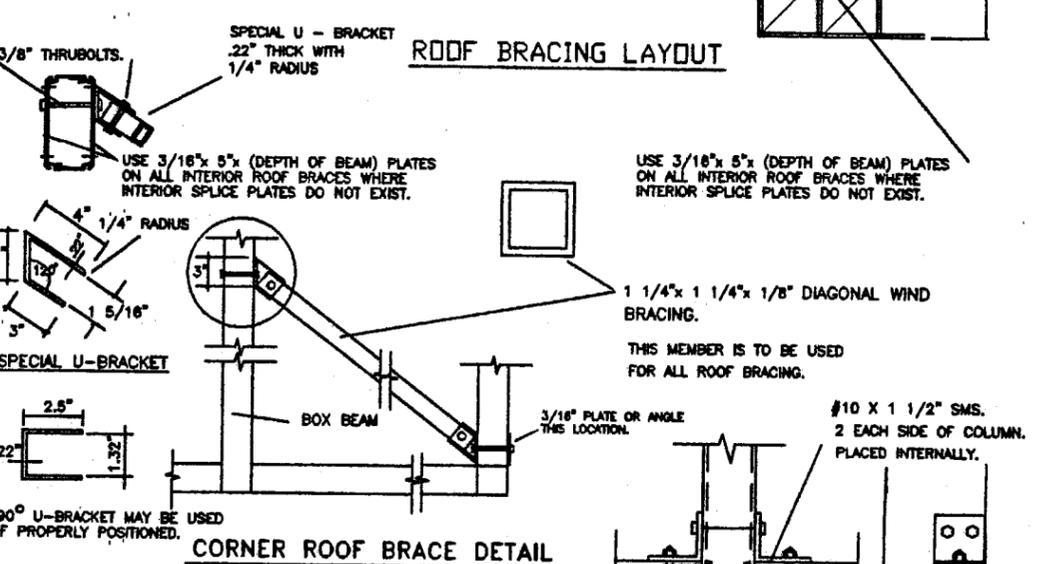
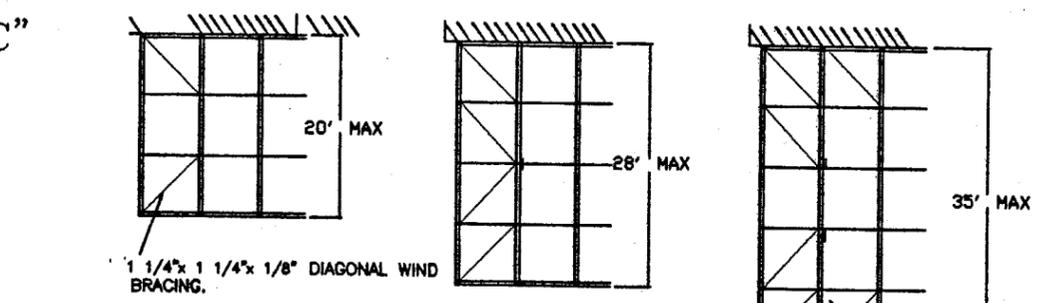
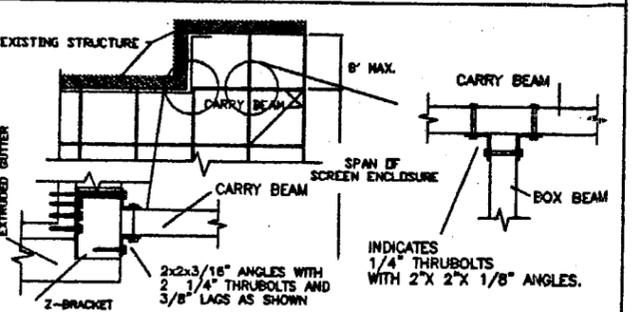
DESIGN CRITERIA: FLORIDA BUILDING CODE, 2004
ASCE 7-02 EXPOSURE "C"

WALLS DESIGN WIND LOAD IN & OUT ----- 24.42 PSF
 TEST LOAD WIND IN & OUT ----- 36.63 PSF
 ROOF LIVE LOAD UP & DOWN ----- 10.0 PSF
 TEST LOAD UP & DOWN ----- 15.0 PSF
 DEFLECTION LIMITATION ----- L/80
 ALUMINUM ALLOY 6063-T6 UNLESS OTHERWISE SPECIFIED.

CARRY BEAM TABLE

CLEAR SPAN OF 2 X 7 CARRY BEAM	MAX SPAN OF SCREEN ENCLOSURE	CLEAR SPAN OF 2 X 8 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.



Robert S. Monsour
 Engineer

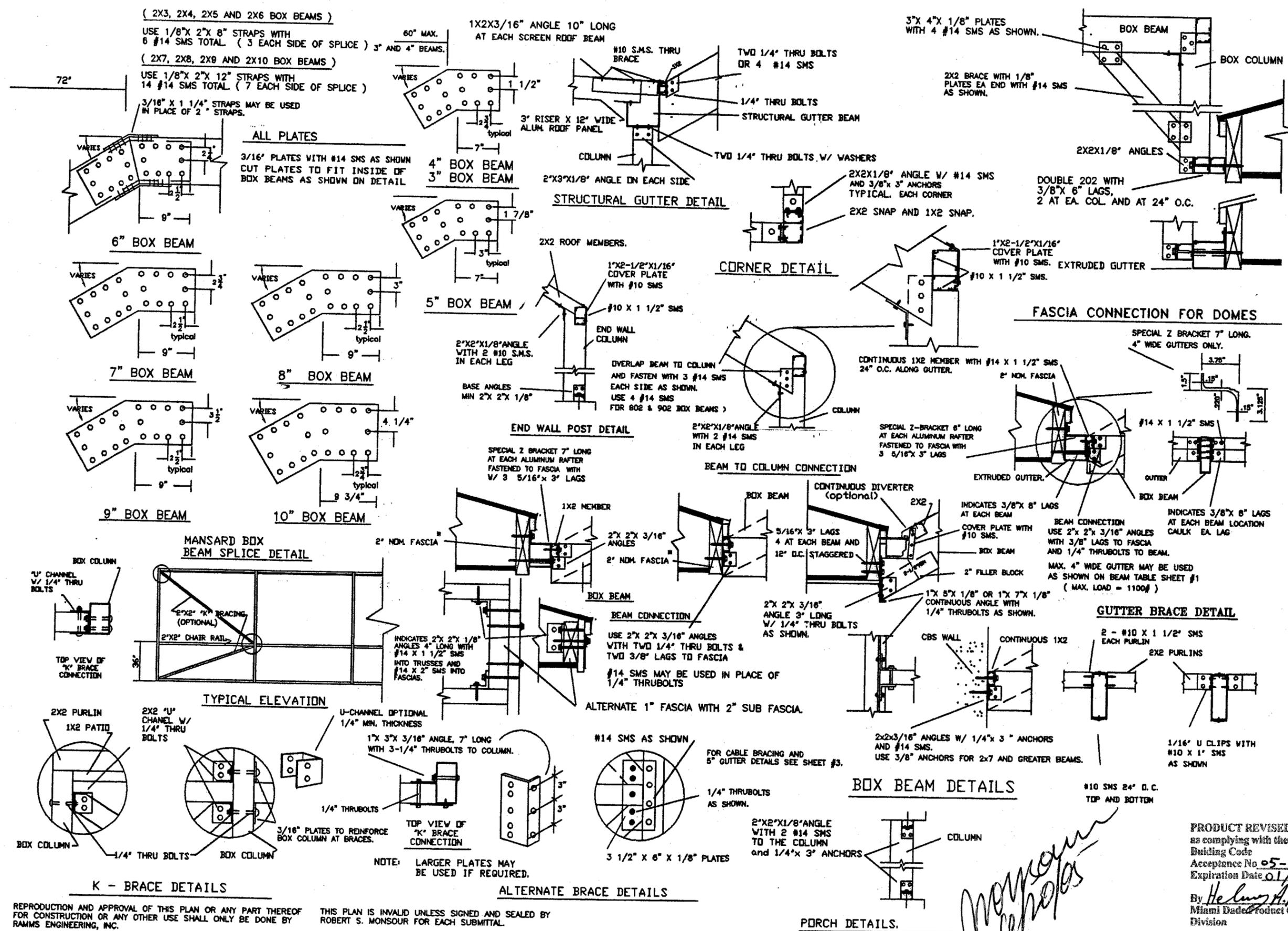
PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No 05-1115.02
 Expiration Date 01/29/2009
 By *Helmut H. Mahr*
 Miami Dept. Product Control Division

REVISIONS	BY:

RAMMS ENGINEERING, INC.
Structural Design
 2100 W. 79th STREET, SUITE 311
 MIAMI, FLORIDA 33146
 P.E. No. 11985
 EB 0006024

Screen Enclosure Specs
 6368 NW 82 Ave.
 Miami, FL 33166
Emason Ltd. Corp.

DESIGNED BY	R.S.M.
DRAWN BY	R.S.M.
DATE	3-28-05
SCALE	AS SHOWN.
PROJECT	RAMMS 2

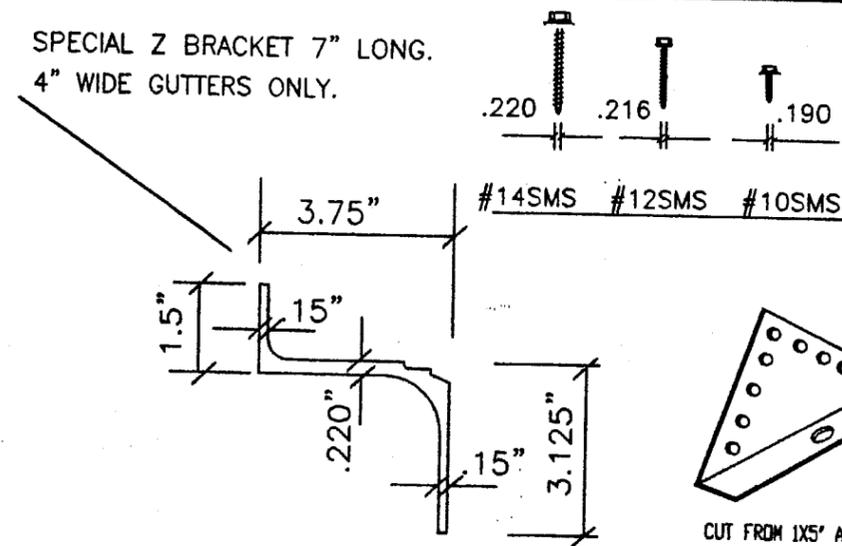


REPRODUCTION AND APPROVAL OF THIS PLAN OR ANY PART THEREOF FOR CONSTRUCTION OR ANY OTHER USE SHALL ONLY BE DONE BY RAMMS ENGINEERING, INC.

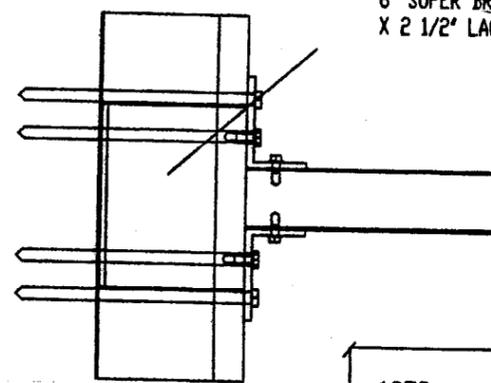
THIS PLAN IS INVALID UNLESS SIGNED AND SEALED BY ROBERT S. MONSOUR FOR EACH SUBMITTAL.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-1115.02
 Expiration Date 01/29/2009
 By *Heather A. Miller*
 Miami Dade Product Control
 Division

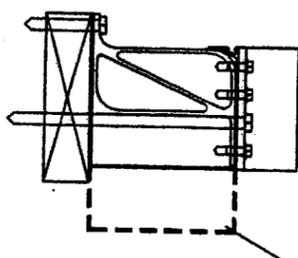
SPECIAL Z BRACKET 7" LONG.
4" WIDE GUTTERS ONLY.



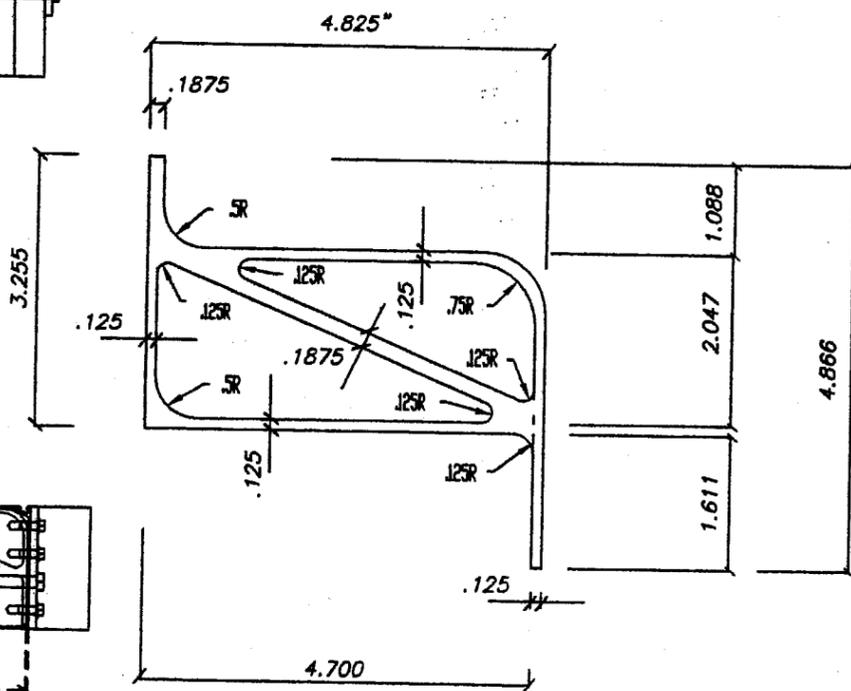
4" Z-BRACKET



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

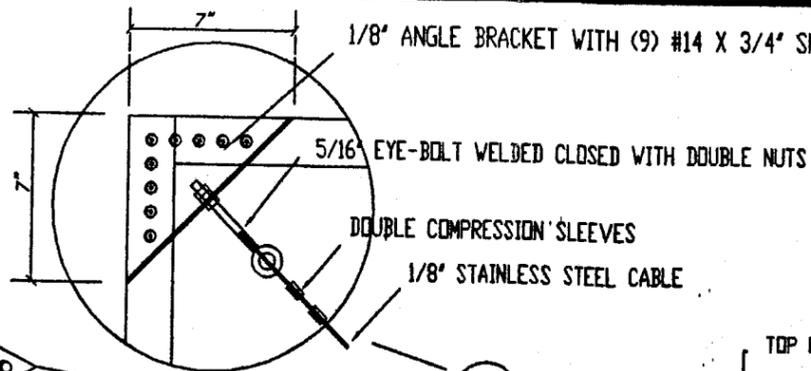


ALTERNATE GUTTER SIZE.



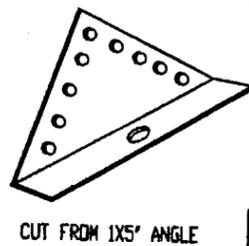
5" GUTTER BRACKET DETAILS.

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

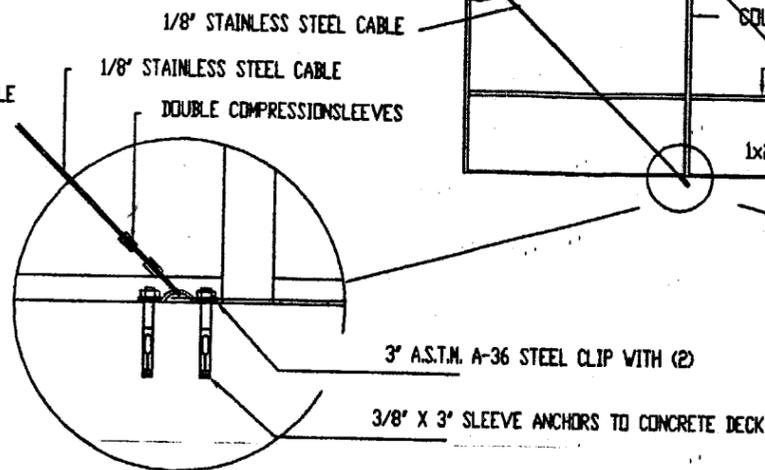


END NON LOAD BEARING WALL SQUARE FOOTAGE				
1-145	146-273	274-363	364-416	417-443
TOTAL NUMBER OF CABLES ON THE FRONT LOAD BEARING WALL				
2	4	6	8	10
1 EA. END	2 EA. END	3 EA. END	4 EA. END	5 EA. END

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.



CUT FROM 1X5" ANGLE



ALTERNATE

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

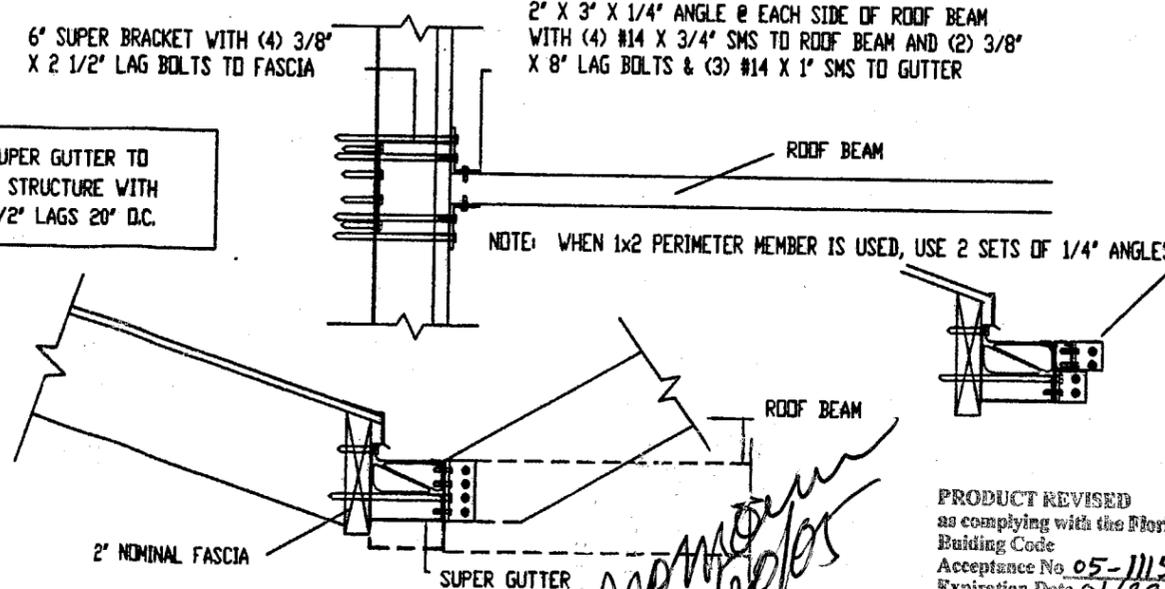
CABLE BRACING DETAIL

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" D.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.



Memorandum

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-1115-02
Expiration Date 01/29/2009
By *Helmut A. Miller*
Miami Dade Product Control
Division

REVISIONS	BY

RAMMS ENGINEERING, INC.
Structural Design
2100 W. 79th STREET, SUITE 311
MIAMI, FLORIDA 33016
EB 0006024

Screen Enclosure Specs
6368 NW 82 Ave.
Miami, FL 33166
Emason Ltd. Corp.

MONSOUR
RSM
JUNE 6, 1995
SHOWN
3
3