



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

A. E. Mason Ltd., Corp.
6368 N.W. 82 Ave.
Miami, FL 33166

Your application for Notice of Acceptance (NOA) of:
Screen Enclosure

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.: 00-0822.04
EXPIRES: 01/29/2004

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: 10/26/2000

A. E. Mason Ltd., Corporation

ACCEPTANCE No. : 00-0822.04

APPROVED : 10/26/2000

EXPIRES : 01/29/2004

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This renews the Notice of Acceptance No. 97-1208.03, which was issued on January 29, 1998. It approves an Aluminum Framed Screen Enclosure, 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 Framed Screen Enclosure and its components shall be constructed in strict compliance with the following documents: Drawing No. 3101 titled "AE Mason Ltd. Corp.", prepared by Ramms Engineering, Inc., dated December 14, 1994, last revised on June 12, 1995, sheets 1 and 2 of 3 and dated June 6, 1995, sheet 3 of 3, all 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 Framed Screen Enclosure 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.

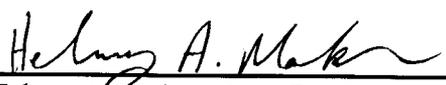
6. BUILDING PERMIT REQUIREMENTS

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

A. E. Mason Ltd., Corporation

ACCEPTANCE No. : 00-0822.04

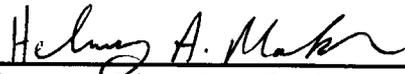
APPROVED : 10/26/2000

EXPIRES : 01/29/2004

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

ACCEPTANCE No. 00-0822.04

EXPIRATION DATE 01/29/2004

By *Helmy A. M. El*

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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	.130	.055	LAP	19'-10"	19'-3"	18'-8"	18'-2"	17'-9"	17'-4"	16'-9"
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 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	.062	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
	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'-8"	6'-6"	6'-2"	5'-11"	5'-9"	5'-7"	5'-4"
Box Col.	2 x 4	.062	.062	SNAP	9'-2"	8'-8"	8'-4"	8'-0"	7'-9"	7'-5"	7'-3"
Box Col.	2 x 4	.120	.055	LAP	11'-1"	10'-7"	10'-1"	9'-8"	9'-4"	9'-0"	8'-9"
Box Col.	2 x 5	.062	.062	LAP	13'-4"	12'-9"	12'-2"	11'-9"	11'-4"	10'-11"	10'-7"
Box Col.	2 x 6	.130	.055	LAP	15'-10"	15'-1"	14'-5"	13'-10"	13'-4"	12'-11"	12'-6"
Box Col.	2 x 7	.130	.055	SNAP	16'-6"	15'-9"	15'-1"	14'-5"	13'-11"	13'-6"	13'-0"
Box Col.	2 x 7	.280	.070	LAP	22'-0"	21'-4"	20'-9"	20'-1"	19'-4"	18'-8"	18'-1"
Box Col.	2 x 8	.224	.082	LAP	23'-10"	23'-1"	22'-1"	21'-3"	20'-5"	19'-9"	19'-2"

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.

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 PER N.E.C. 680-22
- 4) ANCHORS TO CONCRETE & MASONRY SHALL BE 3/8 X 3" ANCHORS OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIED.

DESIGN CRITERIA: SOUTH FLORIDA BUILDING CODE

ASCE 7-88

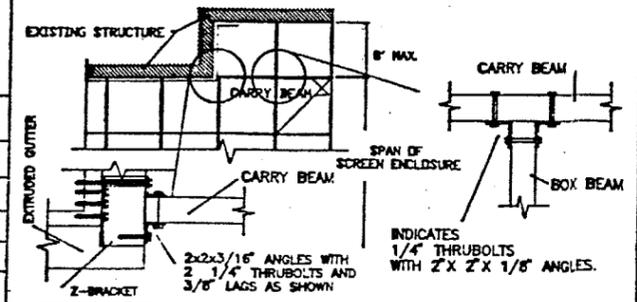
WALLS DESIGN WIND LOAD IN & OUT	10.6 PSF
TEST LOAD WIND IN & OUT	29.4 PSF
ROOF LIVE LOAD UP & DOWN	10.6 PSF
TEST LOAD UP & DOWN	15.9 PSF
DEFLECTION LIMITATION	L/80

ALUMINUM ALLOY 6063-T6 UNLESS OTHERWISE SPECIFIED.

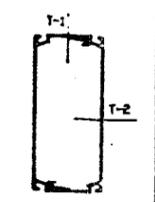
CARRY BEAM TABLE

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"	MAXIMUM	16'-0"	27'-7"
14'-0"	MAXIMUM	18'-0"	20'-1"
16'-0"	23'-4"	20'-0"	14'-9"
18'-0"	14'-0"	22'-0"	10'-1"

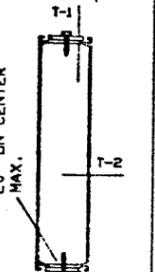
MAXIMUM SPAN SHOWN IN BEAM TABLE ABOVE.



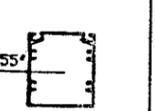
TYP. CROSS SECTIONS



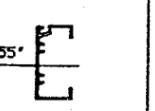
SNAP BEAM



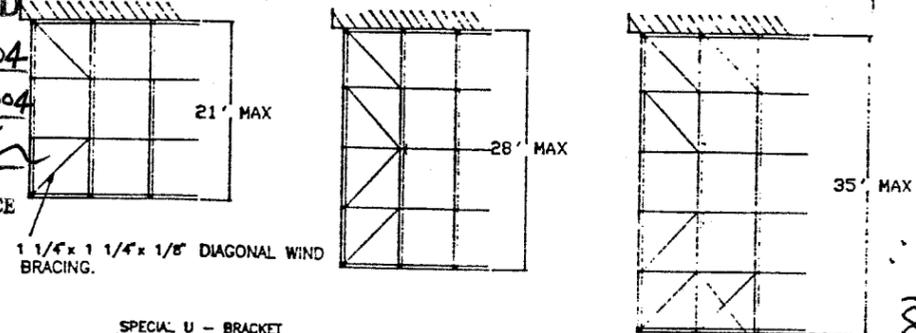
LAP-BEAM



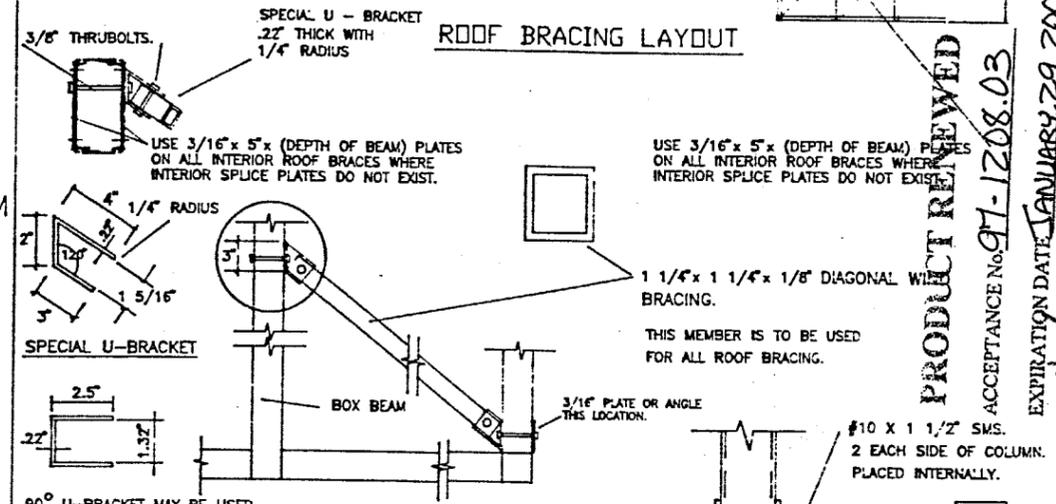
2 X 2 PURLIN



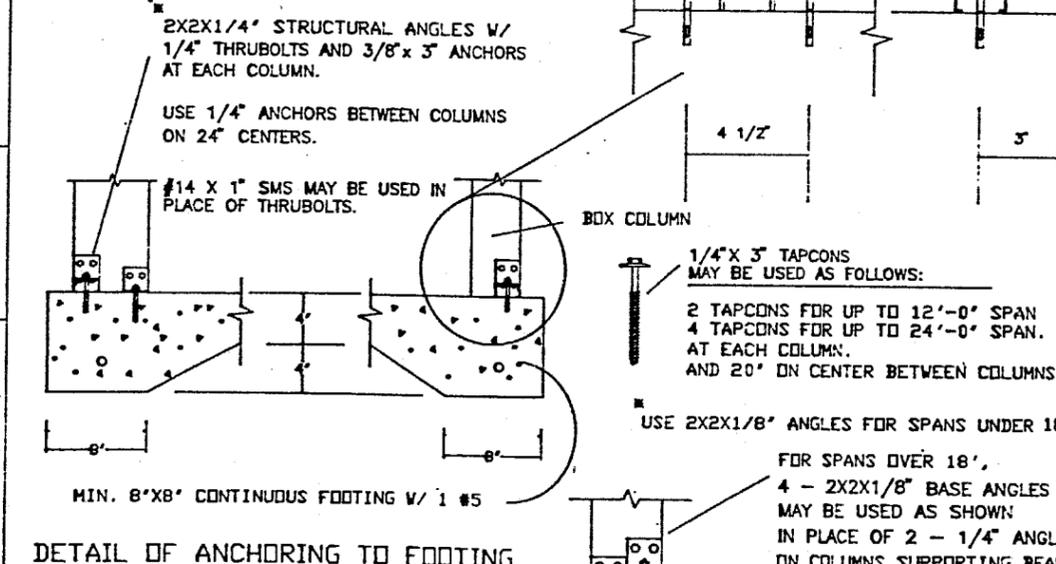
1 X 2 PATIO



ROOF BRACING LAYOUT



CORNER 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.

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

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.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JULY 28, 1995
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE No. 95-0615.06

REVISION	BY
1	RAMMS
2	RAMMS
3	RAMMS
4	RAMMS

PRODUCT RENEWED
ACCEPTANCE No. 91-1208.03
EXPIRATION DATE JANUARY 29, 2001
By *Helmy A. M. El*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

RAMMS ENGINEERING, INC.
Structural Design
2100 W. 76th STREET, SUITE 311
HALEAK, FLORIDA 33016

AE Mason Ltd. Corp.
6368 NW 82 Ave.
Miami, FL 33166

MonSour
12/2/94
3021
1
3

PRODUCT RENEWED

PRODUCT RENEWED

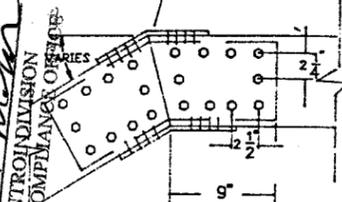
EXPIRATION DATE 01/29/2001
EXPIRATION DATE 01/29/2004
By *Herb A. Nelson*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

(2X3, 2X5 AND 2X6 BOX BEAMS)
USE 1/8" X 2" X 8" STRAPS WITH
6 #14 SMS TOTAL (3 EACH SIDE OF SPLICE) 3" AND 4" BEAMS.

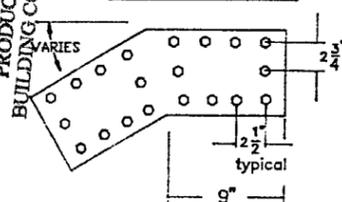
(2X7, 2X8, 2X9 AND 2X10 BOX BEAMS)
USE 1/8" X 2" X 12" STRAPS WITH
14 #14 SMS TOTAL (3 EACH SIDE OF SPLICE)
3/16" X 1 1/4" STRAPS MAY BE USED
IN PLACE OF 2" STRAPS.

1X2X3/16" ANGLE 10" LONG
AT EACH SCREEN ROOF BEAM

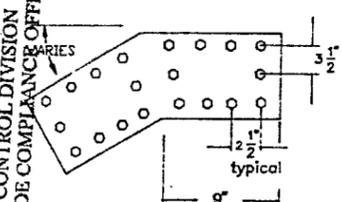
72'



6" BOX BEAM

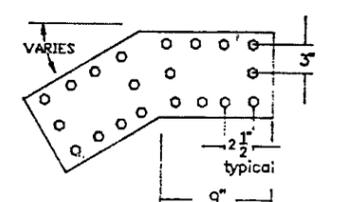


7" BOX BEAM

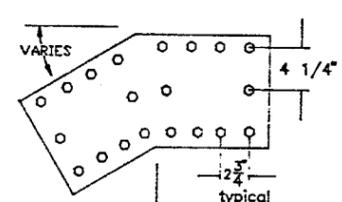


9" BOX BEAM

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

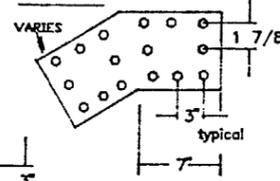


8" BOX BEAM



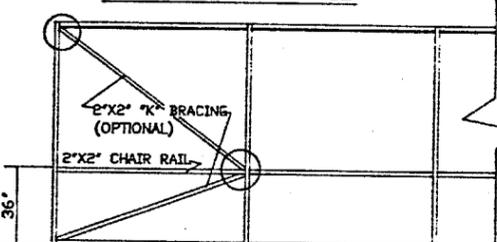
10" BOX BEAM

4" BOX BEAM
3" BOX BEAM

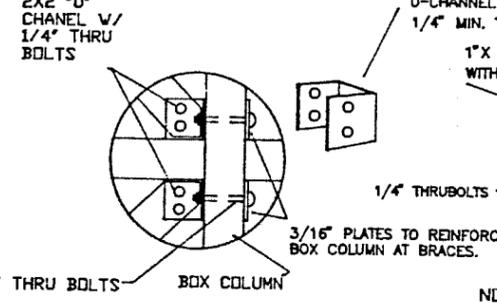


5" BOX BEAM

MANSARD BOX
BEAM SPLICE DETAIL

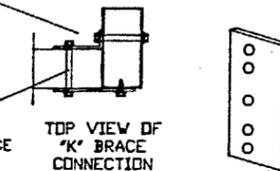


TYPICAL ELEVATION



K - BRACE DETAILS

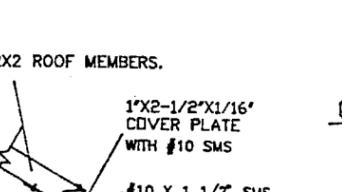
1" X 3" X 3/16" ANGLE, 7" LONG
WITH 3-1/4" THRU BOLTS TO COLUMN.



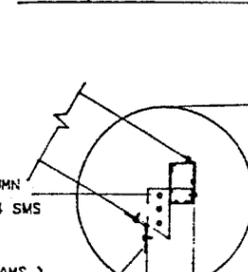
ALTERNATE BRACE DETAILS

NOTE: LARGER PLATES MAY
BE USED IF REQUIRED.

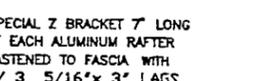
STRUCTURAL GUTTER DETAIL



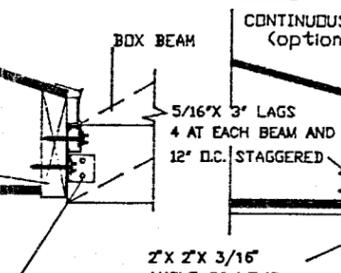
CORNER DETAIL



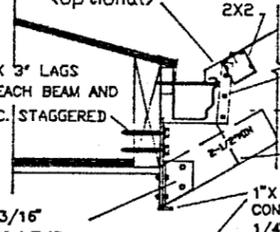
END WALL POST DETAIL



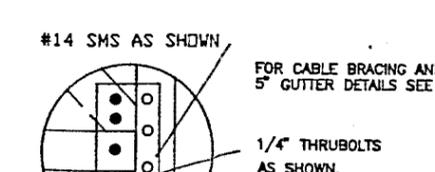
BEAM TO COLUMN CONNECTION



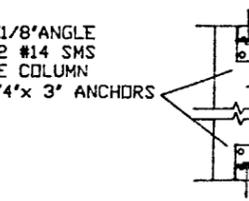
CONTINUOUS DIVERTER
(optional)



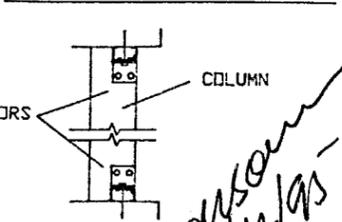
ALTERNATE 1" FASCIA WITH 2" SUB FASCIA.



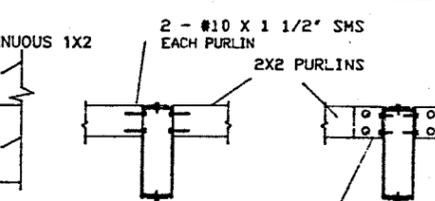
PDRCH DETAILS.



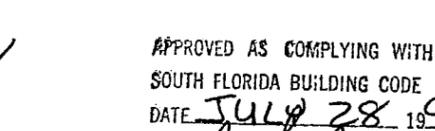
BOX BEAM DETAILS



GUTTER BRACE DETAIL



1/16" U CLIPS WITH
#10 X 1" SMS
AS SHOWN



#10 SMS 24" D.C.
TOP AND BOTTOM

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JULY 28 1995
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0615.06

REVISIONS BY
2/12/94 CM
3/26/94 CM
11/24/94 CM
12/12/95 CM

RAMMS ENGINEERING, INC.
Structural Design
2100 W. 7th STREET, SUITE 311
HALEAH, FLORIDA 33016
EFL 000924

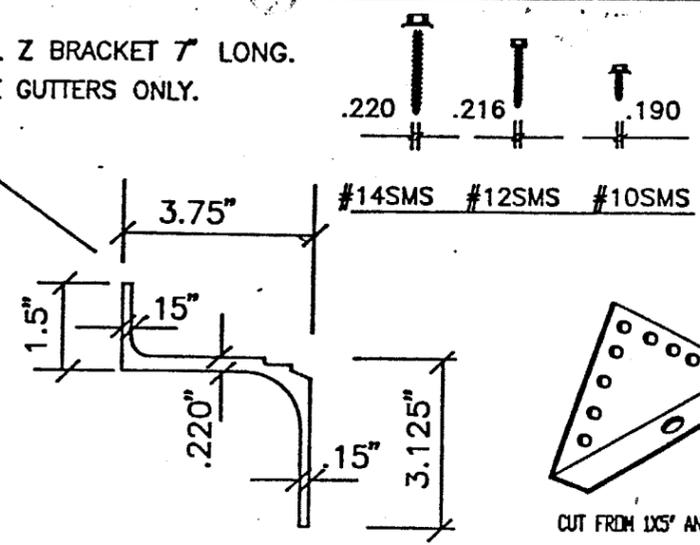
AE Mason Ltd. Corp.
6368 NW 82 Ave.
Miami, FL 33166

Monsour
[Signature]
12/12/94
3101
2
3

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

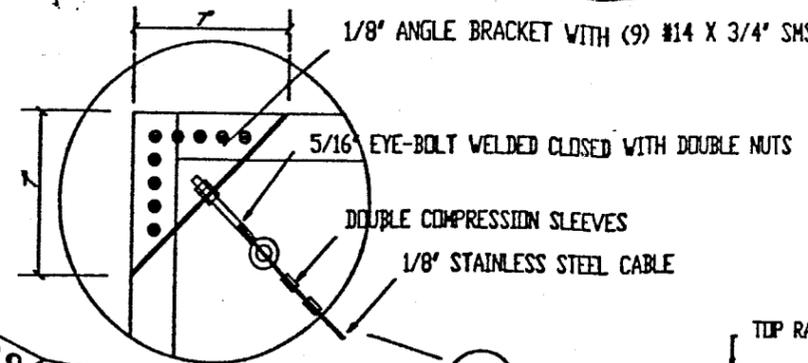
THIS PLAN IS INVALID UNLESS SIGNED AND SEALED BY
ROBERT S. MONSOUR FOR EACH SUBMITTAL

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



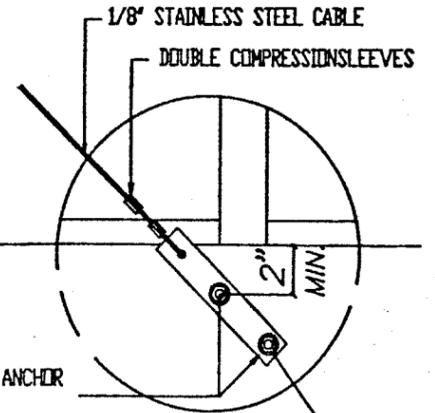
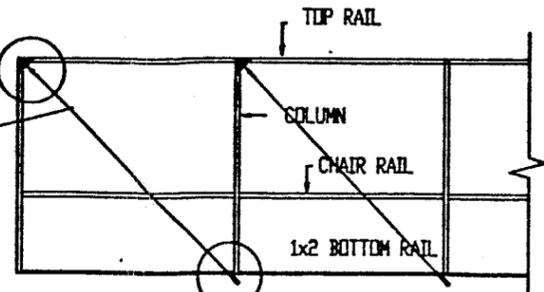
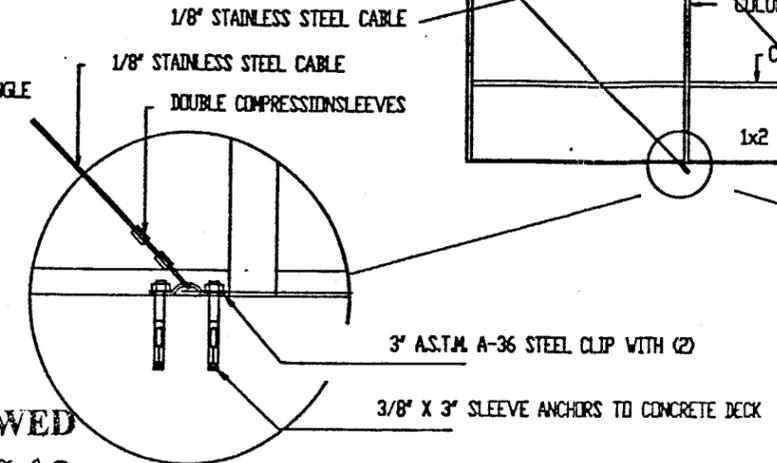
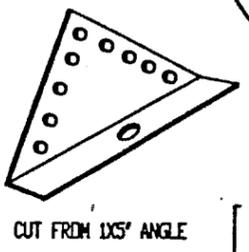
4" Z-BRACKET

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

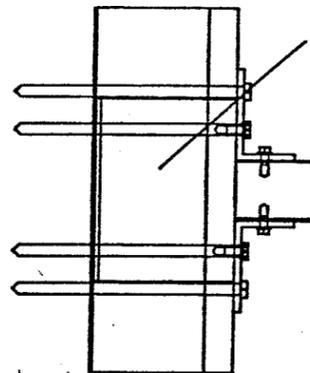
QUANTITIES ABOVE ARE FOR 3 SIDED ENCLOSURES.
REFER TO ENGINEER'S SITE SPECIFIC PLAN FOR OTHER CONDITIONS.
USE ONE SET OF CABLES ON RETURN WALLS
FOR SPANS OVER 16 FEET.



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

CABLE BRACING DETAIL

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



PRODUCT RENEWED

ACCEPTANCE No. 97-1208.03

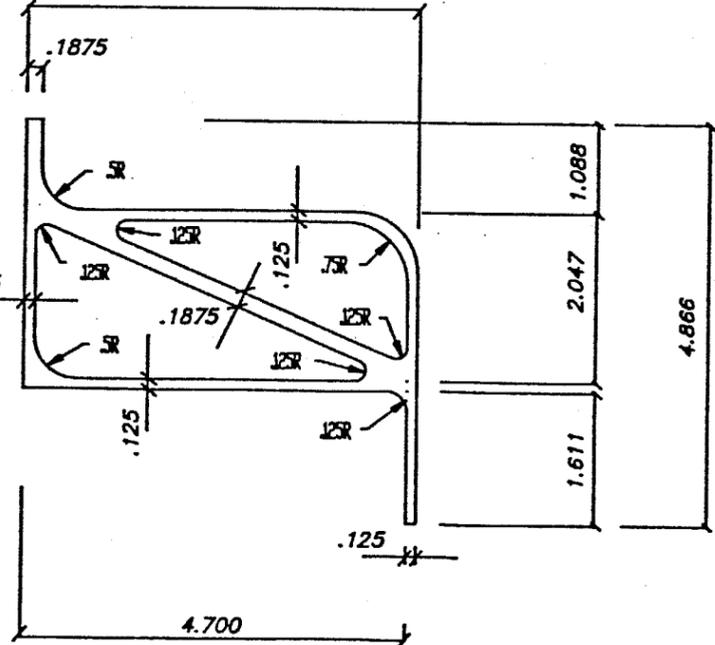
EXPIRATION DATE JANUARY 29, 2001

By *Helmut A. Mohr* ALTERNATE

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

4.825"

PRODUCT RENEWED
ACCEPTANCE No. 00-0822.04
EXPIRATION DATE 01/29/2004
By *Helmut A. Mohr*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

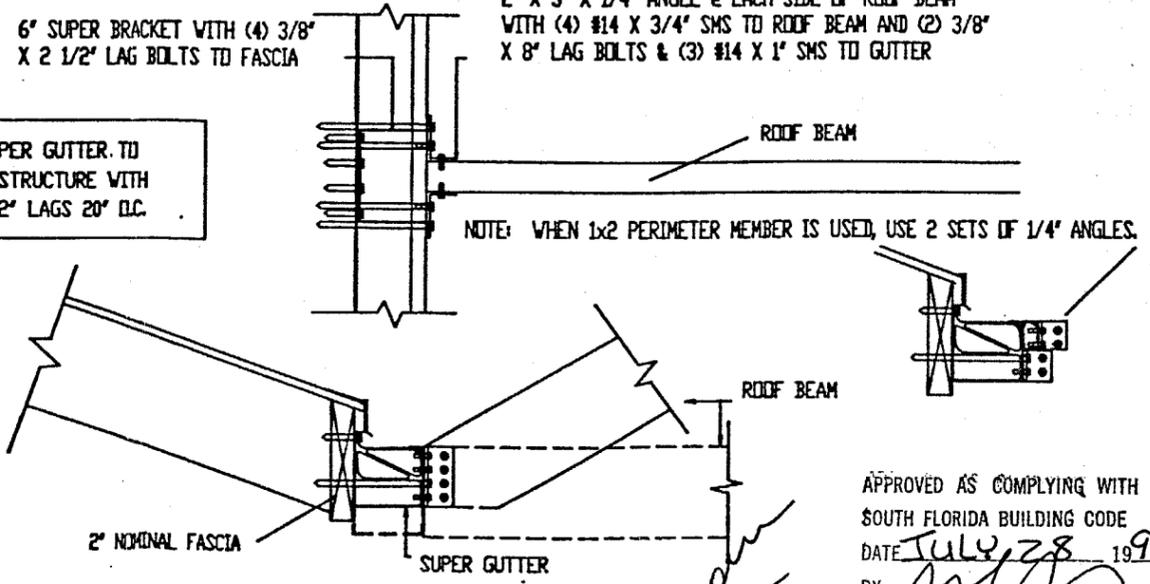


ALTERNATE GUTTER SIZE

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



5" GUTTER BRACKET DETAILS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JULY 28 1995
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE No. 95-0615.06

REVISIONS	BY

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Structural Design
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MONSOUR
RSM
JUNE 8, 1995
SHOWN
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