



**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**

**Storm Screen, Inc.**  
**10580 S.W. 184 Terrace**  
**Miami, FL 33157**

Your application for Notice of Acceptance (NOA) of:

**aluminum Framed Screen Enclosures**

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.: 00-1130.01**  
**EXPIRES: 11/13/2005**

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: 02/15/2001**

**Storm Screen, Inc.**

**ACCEPTANCE No. : 00-1130.01**

**APPROVED : 02/15/2001**

**EXPIRES : 11/13/2005**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

This renews the Notice of Acceptance No. 97-0826.04, which was issued on November 13, 1997. 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. 3001, prepared by Ramms Engineering, Inc., dated June 10, 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.

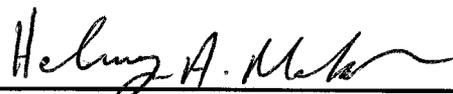
**6. BUILDING PERMIT REQUIREMENTS**

**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**

**Storm Screen, Inc.**

**ACCEPTANCE No. :** 00-1130.01

**APPROVED :** 02/15/2001

**EXPIRES :** 11/13/2005

**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

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'-5"	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'-5"	17'-10"	17'-5"	17'-1"	
Box Bm.	2 x 7	.130	.068	SNAP	22'-11"	22'-5"	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'-5"	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'-5"	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.

DESIGN CRITERIA: SOUTH FLORIDA BUILDING CODE ASCE 7-88

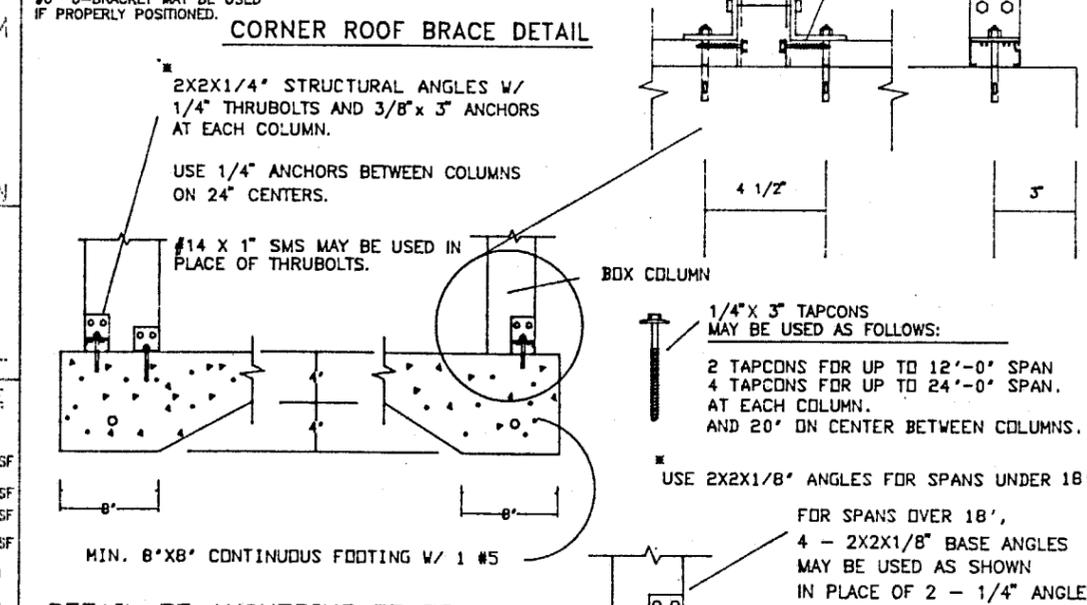
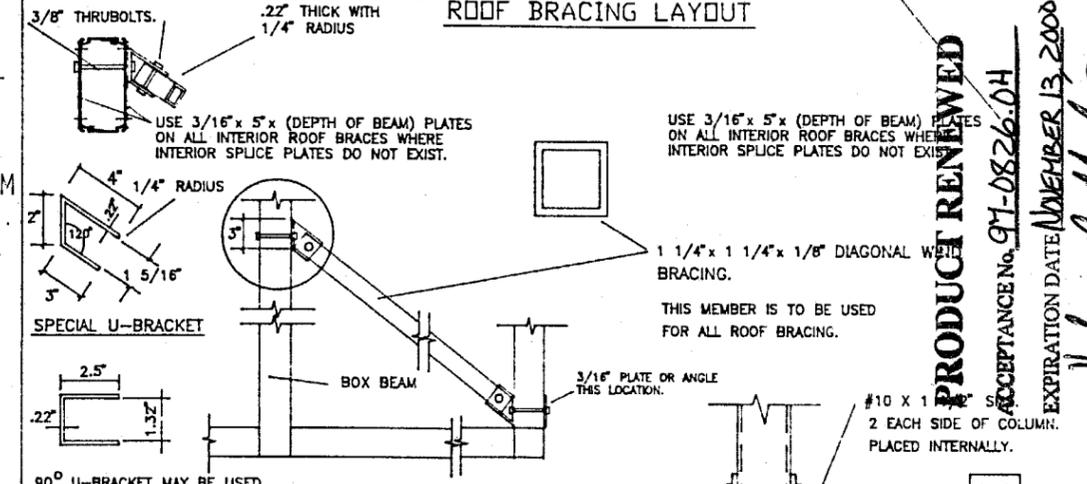
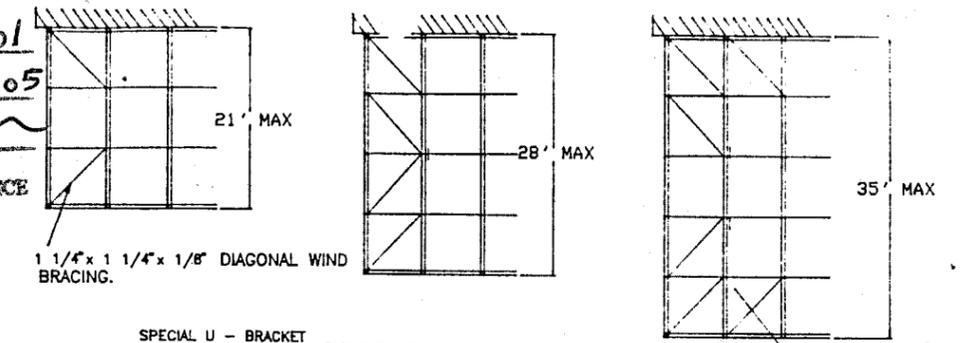
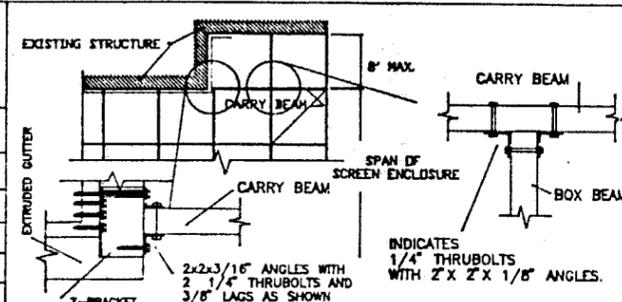
1) ROOF AND SIDES SHALL BE COVERED WITH SCREEN CLOTH BEING 60% OPEN OR GREATER ONLY.  
 2) THE EXISTING STRUCTURE MUST BE CAPABLE OF SUPPORTING THE LOADED SCREEN ENCLOSURE.  
 3) METAL STRUCTURES WITHIN 5 FT. OF SWIMMING POOLS SHALL BE GROUNDED PER N.E.C. 680-22  
 4) ANCHORS TO CONCRETE & MASONRY SHALL BE 3/8" X 3" ANCHORS OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIED.

WALLS DESIGN WIND LOAD IN & OUT ----- 19.6 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.



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 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 27 1995  
 BY *[Signature]*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 95-0615.05

REVISIONS	BY
9/2/94	EM
1/20/94	EM
10/10/94	EM
6/1/95	EM

RAMMS ENGINEERING, INC.  
*Structural Design*  
 2100 W. 76th STREET, SUITE 311  
 HALEAH, FLORIDA 33016  
 ER 000074

Storm Screen  
 10589 SW 184 TERR.  
 MIAMI, FLORIDA

REVISIONS	BY
6/10/94	EM
3/22/01	EM

1

PRODUCT RENEWED

ACCEPTANCE No. 00-1130.01

EXPIRATION DATE 11/13/2005

By *Helmy A. Maher*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

( 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 ) 3" AND 4" BEAMS.

( 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

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

60" MAX.

#10 S.M.S. THRU BRACE

TWO 1/4" THRU BOLTS OR 4 #14 SMS

3" X 4" X 1/8" PLATES WITH 4 #14 SMS AS SHOWN.

BOX BEAM

BOX COLUMN

2X2 BRACE WITH 1/8" PLATES EA END WITH #14 SMS AS SHOWN.

1/4" THRU BOLTS STRUCTURAL GUTTER BEAM

TWO 1/4" THRU BOLTS W/ WASHERS

2X2X1/8" ANGLE W/ #14 SMS AND 3/8" X 3" ANCHORS TYPICAL. EACH CORNER

DOUBLE 202 WITH 3/8" X 6" LAGS, 2 AT EA. COL. AND AT 24" O.C.

1" X 2-1/2" X 1/16" COVER PLATE WITH #10 SMS.

EXTRUDED GUTTER

FASCIA CONNECTION FOR DOMES

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

CONTINUOUS 1X2 MEMBER WITH #14 X 1 1/2" SMS 24" O.C. ALONG GUTTER.

2" NOM. FASCIA

EXTRUDED GUTTER.

GUTTER

BOX BEAM

INDICATES 3/8" X 8" LAGS AT EACH BEAM

BOX BEAM

BEAM CONNECTION USE 2" X 2" X 3/16" ANGLES WITH 3/8" LAGS TO FASCIA AND 1/4" THRU BOLTS TO BEAM.

BOX BEAM

GUTTER BRACE DETAIL

2 - #10 X 1 1/2" SMS EACH PURLIN

2X2 PURLINS

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

2X2 PURLINS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE

DATE JULY 27 1995

By *Robert S. Monsour*

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE No. 95-0615.05

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

Storm Screen  
10589 SW 184 TERR.  
MIAMI, FLORIDA

Monsour  
DATE 7/27/95  
By *Robert S. Monsour*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE No. 95-0615.05

3  
-3

6" BOX BEAM

7" BOX BEAM

9" BOX BEAM

8" BOX BEAM

10" BOX BEAM

4" BOX BEAM  
3" BOX BEAM

5" BOX BEAM

END WALL POST DETAIL

CORNER DETAIL

BEAM TO COLUMN CONNECTION

MANSARD BOX BEAM SPLICE DETAIL

TYPICAL ELEVATION

BOX BEAM DETAILS

ALTERNATE BRACE DETAILS

K - BRACE DETAILS

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 RENEWED

ACCEPTANCE No. 97-0826.04

EXPIRATION DATE NOVEMBER 13, 2008

By *Helmy A. Maher*

PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

