



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)

Custom Aluminum & Screen Corporation
15842 S. W. 150 Court
Miami, Florida 33187

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 Enclosure

APPROVAL DOCUMENT: Drawing No. 3122, titled "Custom Aluminum & Screen", sheets 1 through 3 of 3, prepared by Ramms Engineering, Inc., dated June 06, 1995, signed and sealed by Robert S. Monsour, P.E. on June 18, 2002, 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: The bottom of each chair rail shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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 # 99-0525.07 & consists of this page 1 & approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**



NOA No 02-0313.02
Expiration Date: 06/13/2007
Approval Date: 09/05/2002

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	SNAP	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	.290	.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.

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	.290	.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.

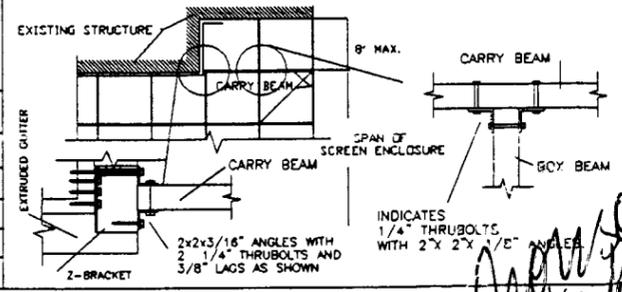
DESIGN CRITERIA: FLORIDA BUILDING CODE, 2001
 ASCE 7-98 EXPOSURE 'C'

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.

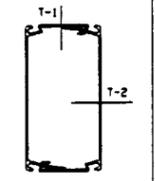
CARRY BEAM TABLE

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"

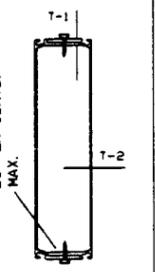
MAXIMUM SPAN SHOWN IN BEAM TABLE ABOVE.



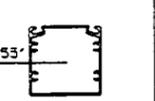
TYP. CROSS SECTIONS



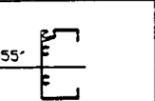
SNAP BEAM



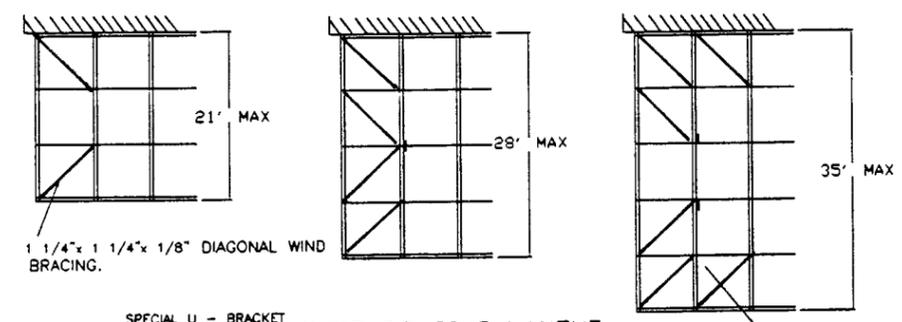
LAP-BEAM



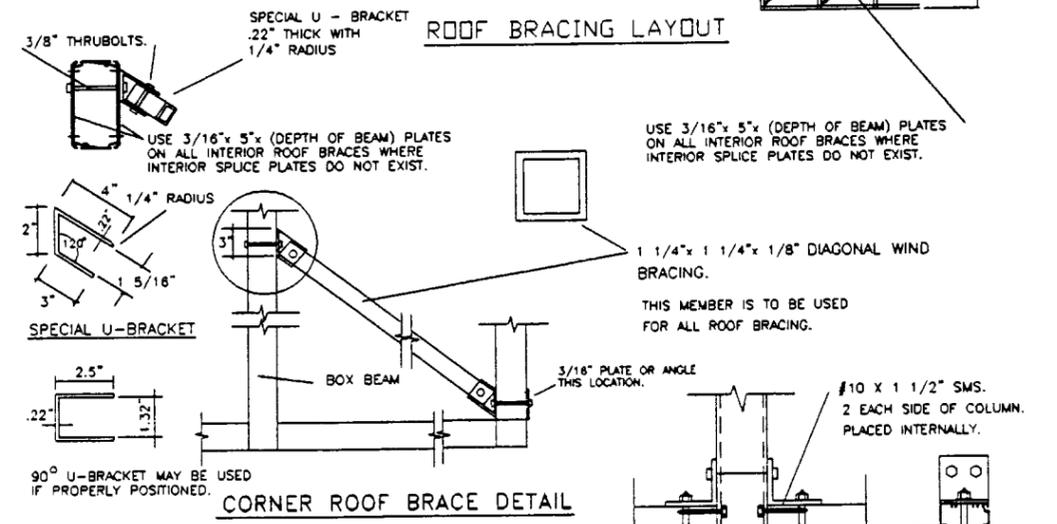
2 X 2 PURLIN



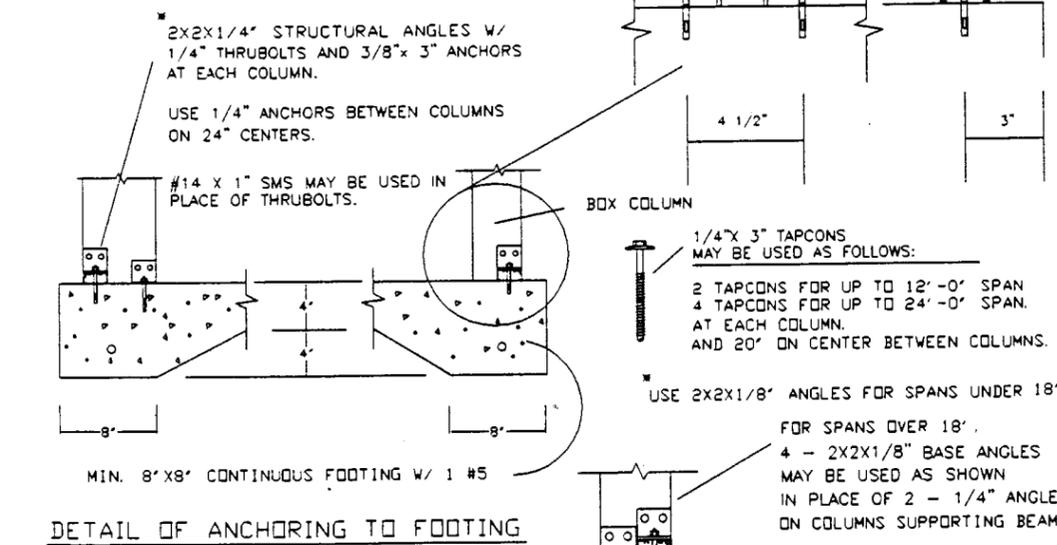
1 X 2 PATIO



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

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.

REVISIONS	BY

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

CUSTOM ALUMINUM & SCREEN
 7210 NW 46 STREET.
 MIAMI, FLORIDA.

DATE	BY	REVISION

MONSOUR
 APPROVED
 RSM
 DATE
 JUNE 6, 1995
 SCALE
 SHOWN
 JOB
 SHEET
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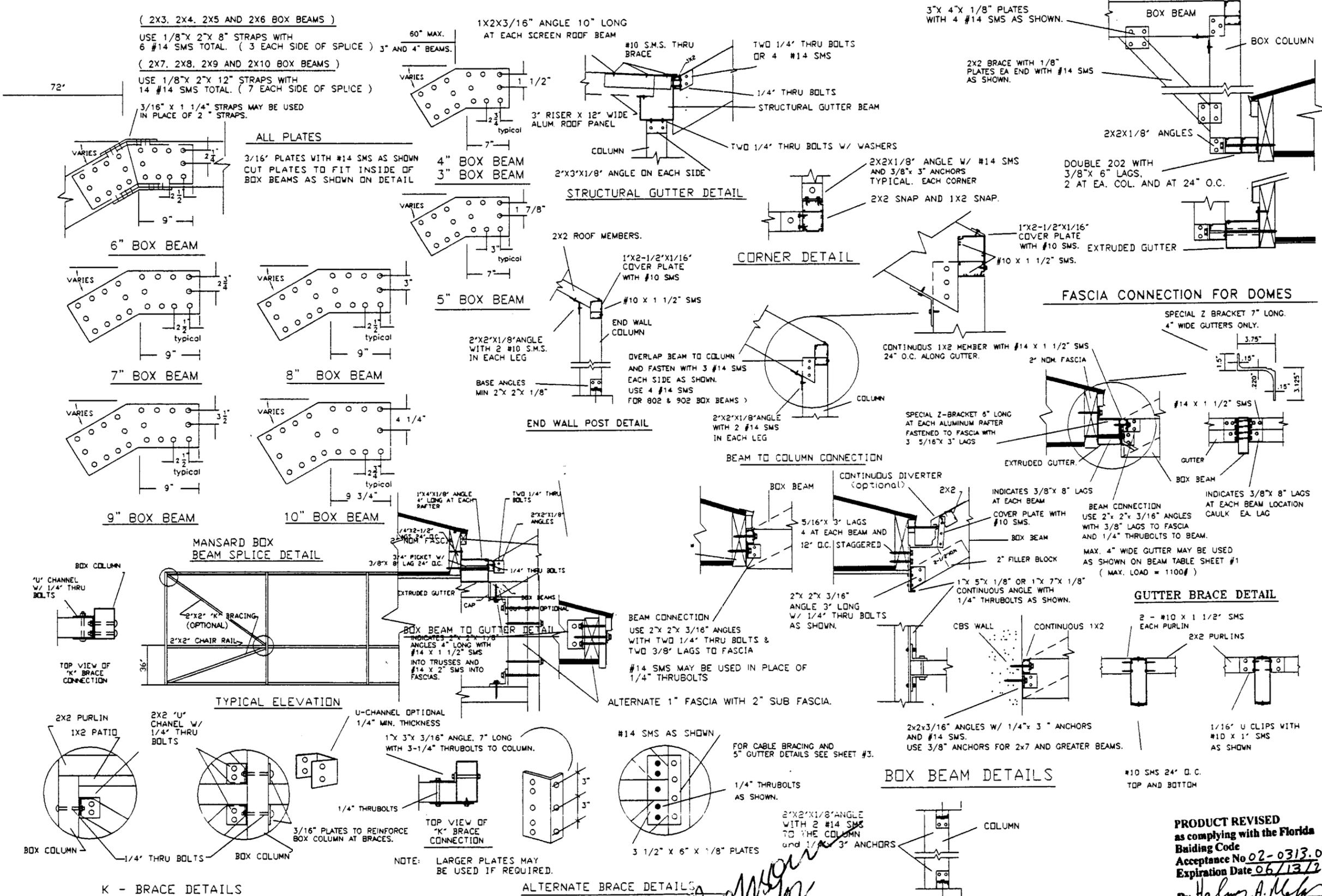
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 02-0313.02
 Expiration Date 06/13/2007
 By Helmut A. Mahler
 Miami Dade Product Control Division

REVISIONS	BY

RAMMS ENGINEERING, INC.
Structural Design
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 HIALEAH, FLORIDA 33016
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DATE	BY	REVISIONS



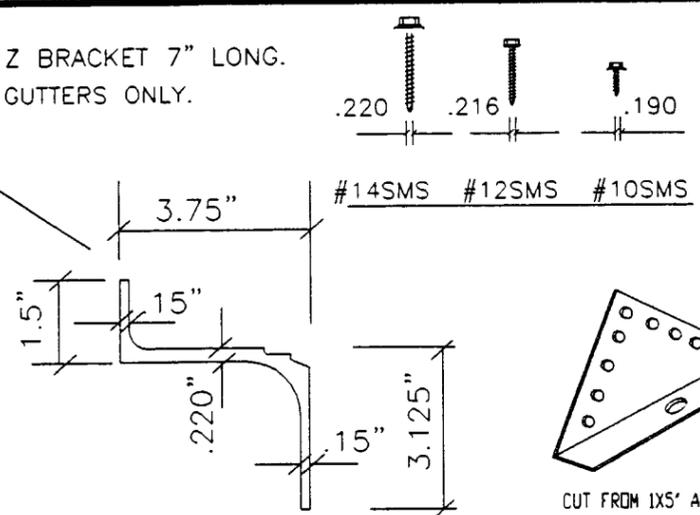
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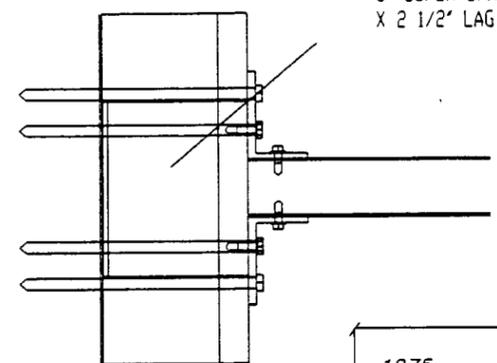
Robert S. Monsour
 1/18/07

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 Miami Dade Product Control
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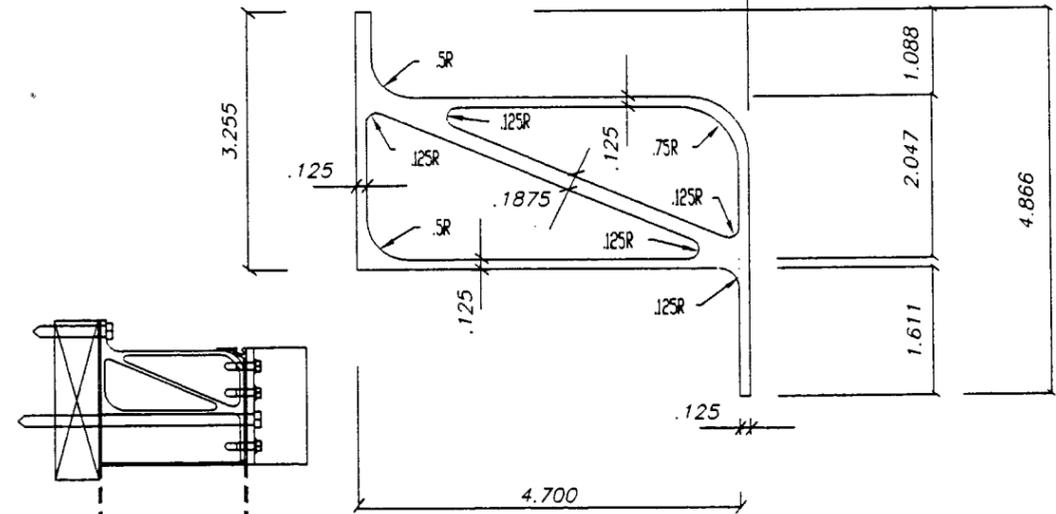
SPECIAL Z BRACKET 7" LONG.
4" WIDE GUTTERS ONLY.



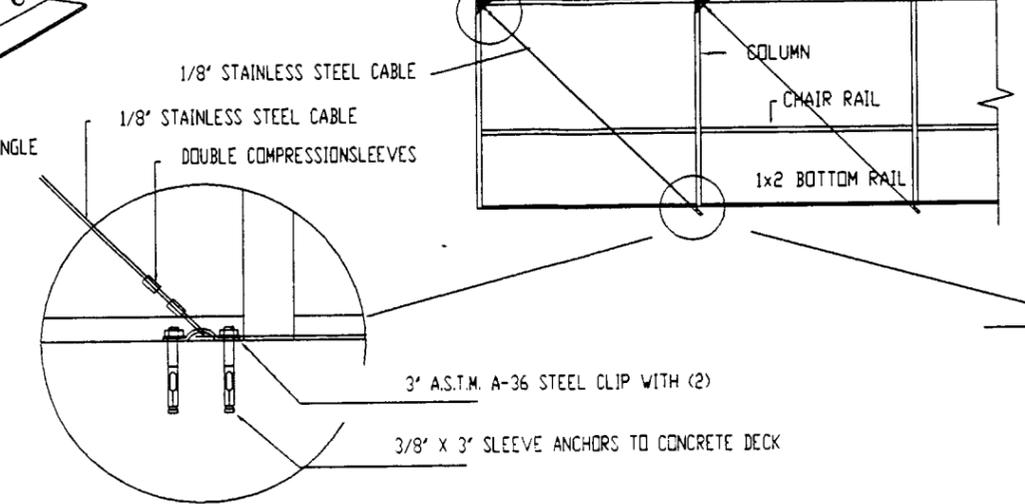
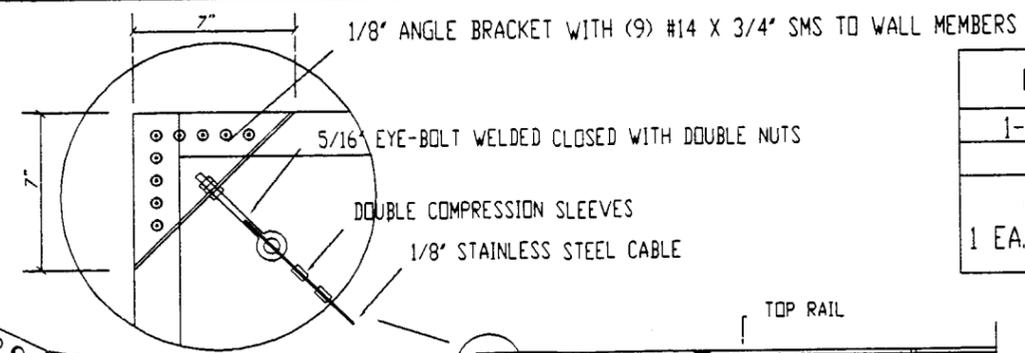
4" Z-BRACKET



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



ALTERNATE GUTTER SIZE.



ALTERNATE

CABLE BRACING DETAIL

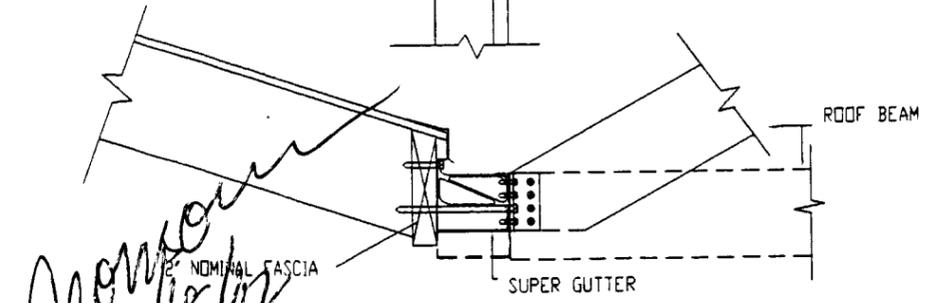
END NON LOAD BEARING WALL SQUARE FOOTAGE				
1-145	146-273	274-363	364-416	417-443
TOTAL NUMBER OF CABLES ON THE FRONT LOAD BEARING WALL				
2	4	6	8	10
1 EA. END	2 EA. END	3 EA. END	4 EA. END	5 EA. END

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.

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.



5" CUTTER BRACKET DETAILS.

Monson
6/18/02

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JUNE 6, 1995	
SCALE	