

# 24733



GENERAL CONTRACTORS

CONSTRUCTION MANAGERS

## FAX TRANSMITTAL

**Date:** 9/20/06

**To:** Randy Jones @ (386) 758-2160

**From:** Jim Railey

**Subject:** Edwards truss

**Pages including cover:** 5

**Randy, here are the papers on the truss repair for Edwards job. (Permit # 24733)  
Thank you for your help with this matter, Jim**

500 N Main, Trenton, Florida 32693-3442  
(352)463-9060

Fax (352)463-0031 E-mail: [grayconst@AOL.com](mailto:grayconst@AOL.com)

State of Florida Certified General Contractor's License No.:CGC037553  
Providing Quality Construction Service Since 1975

Customer: Mayo Truss Company, Inc  
Contact: Michele Murray

Customer ID: 1082  
Job Number: T06091805

Job Reference: GRAY-EDWARDS, t06061921, (TI: A4, ), JOSH EDWARDS - N/A

**ROBBINS  
ENGINEERING, INC.**

P.O. Box 280055  
Tampa, FL 33682-0055  
Phone: (813) 972-1135

**Engineering Tracking Form**

9/20/2006

**Repair**

Notes	
ATTN: MICHELLE	
Original Drawing Quantity: 0	
Final Drawing Quantity: 1	
Date In: 9/20/2006	
Date Complete: 9/20/2006	
Designer:	
PE: Vphan	

State Seal: FL	
Qty Flat: 1	
Qty EMB: 3	

Fax:	
Overnight:	
Pick-up:	

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Index Page 1 of 1

Permit Number: \_\_\_\_\_ Lot Number: \_\_\_\_\_

Miscellaneous: \_\_\_\_\_ Address: \_\_\_\_\_

The information in this box is for administrative purposes only and is not part of the engineering review.

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: GRAY-EDWARDS, t06061921, (T: A4, ), JOSH EDWARDS - NA

**Standard Loading:**

T.C Live	20 psf
T.C Dead	10 psf
B.C Live	0 psf
B.C Dead	10 psf
Total	40 psf

ROBBINS  
ENGINEERING, INC.P.O. Box 280055  
Tampa, FL 33682-0055  
Phone: (813) 972-1135**Engineering Index Sheet**

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ANSI/ASCE 7-02  
Wind Speed - 120 MPH  
Mean Roof Ht. - 15 FT  
Exposure Category - B  
Occupancy Factor - 1.00  
MWFRS  
Enclosed

Job Number	Date	FBC - 2001 Chapter 16 and 23	Specification Quantity
T06091805	09/20/2006		1

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-2002, Section 2.2. Permanent files of the original Truss Specification Sheet are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Software - Online Plus)

Notes: Refer to individual truss design drawings for special loading conditions.

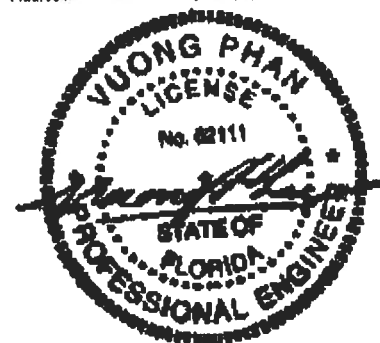
Date Mark

Date Mark

Date Mark

Date Mark

2 09/20/06 A4-FXTP

Truss Design Engineer: Vuong Phan  
License #: 82111  
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 9/20/2006



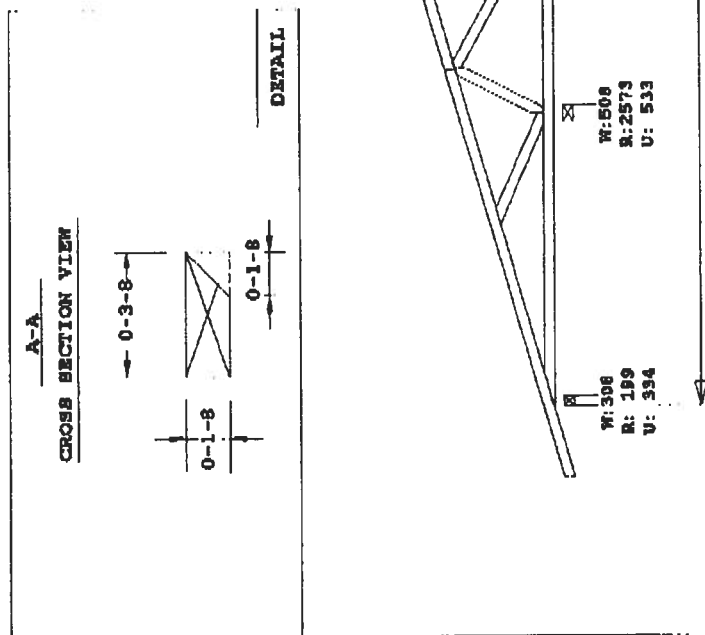
Date Sealed: 9/20/2006

- NOTES:**
1. Repair is based on information received from the truss fabricator.
  2. Truss must be in original undeflected position prior to carrying out repair specs. Provide temporary support to the truss.
  3. This repair assumes that metal gusset plates at all joints are intact and not damaged (except as noted).
  4. Field installed members must have complete wood to wood contact with original member.
  5. Apply all nails so as to avoid damaging of lumber and loosening of plates at joints.
  6. For all lumber, plates, loading and other information not shown, refer to Dwg.: # T06061921-A4.

**REPAIR PROBLEM:**

1. Cosmetic filler trimmed 1-1/2" off at 45 degree angle as shown. Do not cut into pitched bottom chord of truss.

After further analysis no repair required.

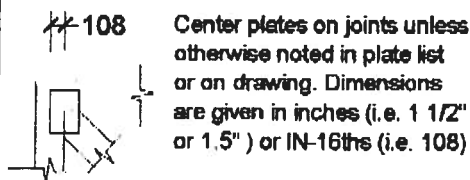


Scale 0.198" = 1'

U# J#GRAY-EDWARDS JOSH EDWARDS		Robbins Engineering, Inc./Online Plus <sup>SM</sup>		
Job	Mark	Quan	Type	Span
GRAY-EDWARDS A4-FXTP		1	SP	440000
			P1-H1	3.5
			Left OH	2- 0- 0
			Right OH	1- 4- 0
				Single Drawing
				T06091805

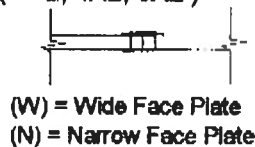
# ROBBINS ENG. GENERAL NOTES & SYMBOLS

## PLATE LOCATION



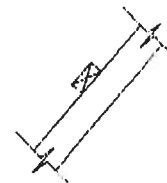
## FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)

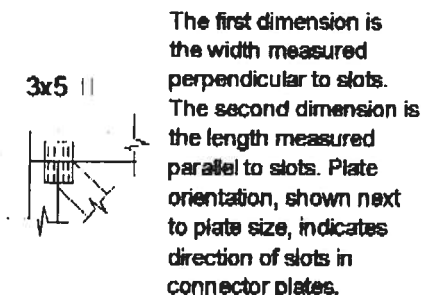


## LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.

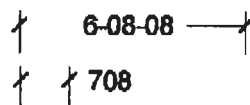


## PLATE SIZE AND ORIENTATION



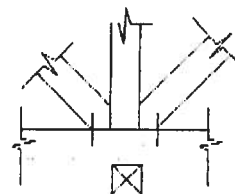
## DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).



## BEARING

When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before erecting this truss. If necessary, shim bearings to assure solid contact with truss.



W = Actual Bearing Width (IN-SX)  
R = Reaction (lbs.)  
U = Uplift (lbs.)

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted.

The attached design drawings were prepared in accordance with "National Design Specifications for Wood Construction" (AF & PA), "National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 as published by Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning proper erection bracing to prevent toppling and "dominoing". Care should be taken to prevent damage during fabrication, storage, shipping and erection. Top and bottom chords shall be adequately braced in the absence of sheathing or rigid ceiling, respectively. It is the responsibility of others to ascertain that design loads utilized on these drawings meet or exceed the actual dead loads imposed by the structure and the live loads imposed by the local building code or historical climatic records.

FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS FABRICATOR.



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