

ADDRESS : 210 SUNRIDGE DR  
CONTRACTOR : CUMBERLAND HOMES INC  
OWNER : BROWN TED  
PARCEL : 09-9566-01- -0001- -63-  
APPL NUMBER: 10-50023836 CP NEW RESIDENTIAL (SFD)  
DIRECTIONS : T/S: 02/22/2010 09:02 AM JBROCK ----  
27 W FORM LILLINGTON TURN RIGHT INTO  
S/D TURN RIGHT ON LAKERIDGE DR LOT ON  
RIGHT LOT 60

SUBDIV: MIRE BRANCH SECT 7  
PHONE : (910) 892-4345  
PHONE :

STRUCTURE: 000 000 34.4X53.4 3BDR SLAB W/ GARAGE & PATIO  
FLOOD ZONE : FLOOD ZONE X  
# BEDROOMS : 3000000.00  
SEPTIC - EXISTING? : NEW  
PROPOSED USE : SFD  
WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP \* SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS	VRU #:
B101-01	4/06/10 <u>4/6/10</u>	TI <u>AP DT</u>	R*BLDG FOOTING / TEMP SVC POLE	001905193

COMMENTS AND NOTES

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B101 01	4/06/10	DT	R*BLDG FOOTING / TEMP SVC POLE VRU #: 001905193
	4/06/10	AP	
A814 01	4/13/10	TI	ADDRESS CONFIRMATION VRU #: 001908888
B103 01	4/13/10 <u>4/13/10</u>	TI <u>AP DT</u>	R*BLDG FOUND & TEMP SVC POLE VRU #: 001908870

----- COMMENTS AND NOTES -----

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	4/13/10	AP	
A814 01	4/13/10	TW	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 001908888
	4/16/10	AP	210 sunridge dr lot 60 cameron 28326 T/S: 04/16/2010 12:46 PM TWARD
P309 01	4/21/10	TI	R*PLUMB UNDER SLAB VRU #: 001913425

*Handwritten initials and date:*  
4-21-10 AP

COMMENTS AND NOTES

*Handwritten signature:* JS

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	4/21/10	AP	T/S: 04/21/2010 01:51 PM FSPIVEY
B111 01	4/22/10	TI	R*BLDG SLAB INSP VRU #: 001913961
	<u>4/22/10</u>	<u>AP DT</u>	

COMMENTS AND NOTES

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B111 01	4/22/10	DT	R*BLDG SLAB INSP VRU #: 001913961
	4/22/10	AP	
R425 01	5/17/10	TR	FOUR TRADE ROUGH IN VRU #: 001927003

*5-17-10* *AP*

COMMENTS AND NOTES

*[Handwritten signature]*

**Trenco**  
818 Soundside Rd  
Edenton, NC 27932

Re: J95790

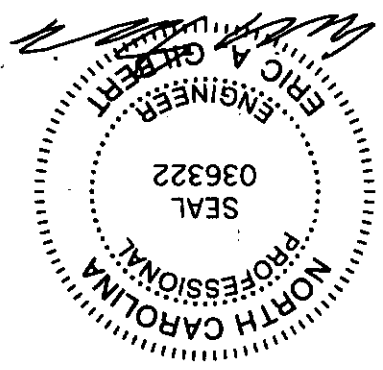
Ted Brown / 60 Mire Branch / Harnett Co

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Comtech, Inc - Fayetteville.

Pages or sheets covered by this seal: E5695557 thru E5695557

My license renewal date for the state of North Carolina is December 31, 2010.

North Carolina COA: C-0844



May 3, 2010

Gilbert, Eric

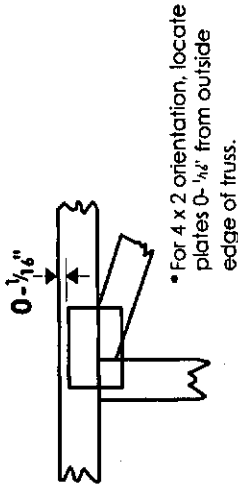
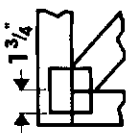
The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2. Engineering services provided by Truss Engineering Company.



# Symbols

## PLATE LOCATION AND ORIENTATION

Center plate on joint unless x, y offsets are indicated. Dimensions are in 1/16-in increments. Apply plates to both sides of truss and fully embed teeth.



• This symbol indicates the required direction of slots in connector plates.



• Plate location details available in **MiTek 20/20** software or upon request.

## PLATE SIZE

4 X 4

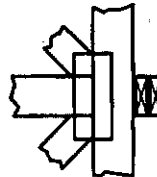
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

## LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

## BEARING



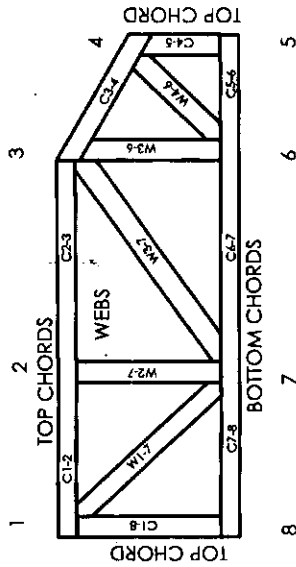
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

## Industry Standards:

- ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
- CSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

# Numbering System

6-4-8 dimensions shown in 1/16-in increments (Drawings not to scale)



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

## PRODUCT CODE APPROVALS

- ICC-ES Reports:
- ESR-1311, ESR-1352, ER-5243, 9604B
  - 9730, 95-43, 96-31, 9667A
  - NER-487, NER-561
  - 95110, 84-32, 96-67, ER-3907, 9432A

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MiTek Engineering Reference Sheet: Mib7473 rev. 10-08

# General Safety Notes

## Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BC31.
- Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
- Comber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to comber for dead load deflection.
- Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing indicated on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of an engineer.
- Install and load vertically unless indicated otherwise.
- Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
- Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
- Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.





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	4/22/10	AP	
R425 01	5/17/10	FS	FOUR TRADE ROUGH IN VRU #: 001927003
	5/17/10	AP	T/S: 05/17/2010 02:35 PM FSPIVEY -----
I129 01	5/20/10	TI	R*INSULATION INSPECTION VRU #: 001929783

*S.D.C.*  
*AP*

COMMENTS AND NOTES

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I129 01	5/20/10	FS	R*INSULATION INSPECTION VRU #: 001929783
	5/20/10	AP	T/S: 05/20/2010 02:52 PM FSPIVEY
H824 01	7/12/10	OT	ENVIR. OPERATIONS PERMIT TIME: 17:00 VRU #: 001953488
	7/12/10	AP	T/S: 07/13/2010 09:11 AM SZIMMER T/S: 07/13/2010 09:12 AM SZIMMER
R429 01	8/02/10	TI	FOUR TRADE FINAL VRU #: 001961684

*8-2-10* *[Signature]*

COMMENTS AND NOTES

*[Handwritten mark]*

County of Harnett  
Building Inspections Department  
Planning Services

Certificate of Compliance:      Occupancy:   ✓  

Certificate issued pursuant to the requirements of North Carolina General Statute 153A-363 and Harnett County Zoning Ordinances. This certifies at the time of issuance, this structure was in compliance with the various ordinances of the County of Harnett and the North Carolina State Building Codes. For the following:

Use Classification: HOME  
Name: CUMBERLAND HOMES

Address: 210 SUNSHINE DR  
AMXOR 28370

Permit Numbers

Building: 105-25850  
Electrical: 105-25850  
Insulation: 105-25850  
Plumbing: 105-25850  
Mechanical: 105-25850  
MEG Home:     

Date: 8-2-10

Building Official: [Signature]