DATE 08/06/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027245

APPLICANT TOM LATIMER PHONE 352 339-1500

ADDRESS 1624 NW 107TH TERR GAINESVILLE FL 32606

OWNER TOM LATIMER PHONE 352 339-1500

ADDRESS 398 SW HUDSON LANE LAKE CITY FL 32025

CONTRACTOR TOM LATIMER PHONE 352 339-1500

LOCATION OF PROPERTY 47S, TL ON HUDSON, NEXT TO LAST ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 80000.00

HEATED FLOOR AREA 1200.00 TOTAL AREA 1600.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-1 MAX. HEIGHT 16

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. ____

PARCEL ID 18-4S-17-08479-114 SUBDIVISION GREENRIDGE ESTATES

LOT 14 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 0.78

000001652			Tom Latimer
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor

WAIVER	08-551	BK	HD	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: LEGAL NON-CONFORMING LOT OF RECORD, ONE FOOT ABOVE THE ROAD

NOC ON FILE

Check # or Cash 104

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power ____ date/app. by Foundation ____ date/app. by Monolithic ____ date/app. by

Under slab rough-in plumbing ____ date/app. by Slab ____ date/app. by Sheathing/Nailing ____ date/app. by

Framing ____ date/app. by Rough-in plumbing above slab and below wood floor ____ date/app. by

Electrical rough-in ____ date/app. by Heat & Air Duct ____ date/app. by Peri. beam (Lintel) ____ date/app. by

Permanent power ____ date/app. by C.O. Final ____ date/app. by Culvert ____ date/app. by

M/H tie downs, blocking, electricity and plumbing ____ date/app. by Pool ____ date/app. by

Reconnection ____ date/app. by Pump pole ____ date/app. by Utility Pole ____ date/app. by

M/H Pole ____ date/app. by Travel Trailer ____ date/app. by Re-roof ____ date/app. by

BUILDING PERMIT FEE $ 400.00 CERTIFICATION FEE $ 8.00 SURCHARGE FEE $ 8.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $ ____

FLOOD DEVELOPMENT FEE $ ____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ ____ **TOTAL FEE** 491.00

INSPECTORS OFFICE Gale Tedder CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

For Office Use Only Application # 0807-73 Date Received 7/29/08 By GT Permit # 16652/27245

Zoning Official BLK Date 08.01.08 Flood Zone X Land Use RES. V.L.DEN. Zoning RSF-1

FEMA Map # N/A Elevation N/A MFE 1ft above Rd River N/A Plans Examiner NO Date 7-30-8

Comments Legal Non-conforming Lot of Record

☑ NOC ☐ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS $29.88 Fire $78.63 Corr $409.16 Road/Code $1,046.00 / 210

School $1,500.00 = TOTAL $3,063.67

Septic Permit No. Fax

Name Authorized Person Signing Permit Tom LATIMER Phone (352) 339-1500

Address 1624 N.W. 107 TERR. GAINESVILLE FL. 32606

Owners Name Tom LATIMER Phone (352) 339 1500

911 Address 398 SW Hudson LANE, Lake City, FL 32025

Contractors Name owner builder Phone

Address SAME

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address DAVID L. MORRIS, 112 COLEMAN RD, WINTER HAVEN 33880 863-299-1048

Mortgage Lenders Name & Address N/A

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progress Energy

Property ID Number 18-4S-17-08479-114 Estimated Cost of Construction $90,000.-

Subdivision Name GREENRIDGE ESTATES Lot 14 Block Unit Phase

Driving Directions 475, TL Hudson, next to last on right.

Number of Existing Dwellings on Property 0

Construction of SFD CONCRETE, CONCRETE BLOCK + WOOD FRAME Total Acreage .78 Lot Size 3/4 ±

Do you need a - Culvert Permit or (Culvert Waiver) or Have an Existing Drive Total Building Height 16

Actual Distance of Structure from Property Lines - Front 90' ± Side 55' ± Side 50' ± Rear 50' ±

Number of Stories 1 Heated Floor Area 1200 Total Floor Area 1600 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

tried to call Tom - no answer

need EH 8/4/08

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Tom Lee

Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Tom Lee

Contractor's Signature (Permitee)

Contractor's License Number_____
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 29th **day of** July **20**08.

Personally known____ **or Produced Identification** DL

Gale Tedder

SEAL:

State of Florida Notary Signature (For the Contractor)

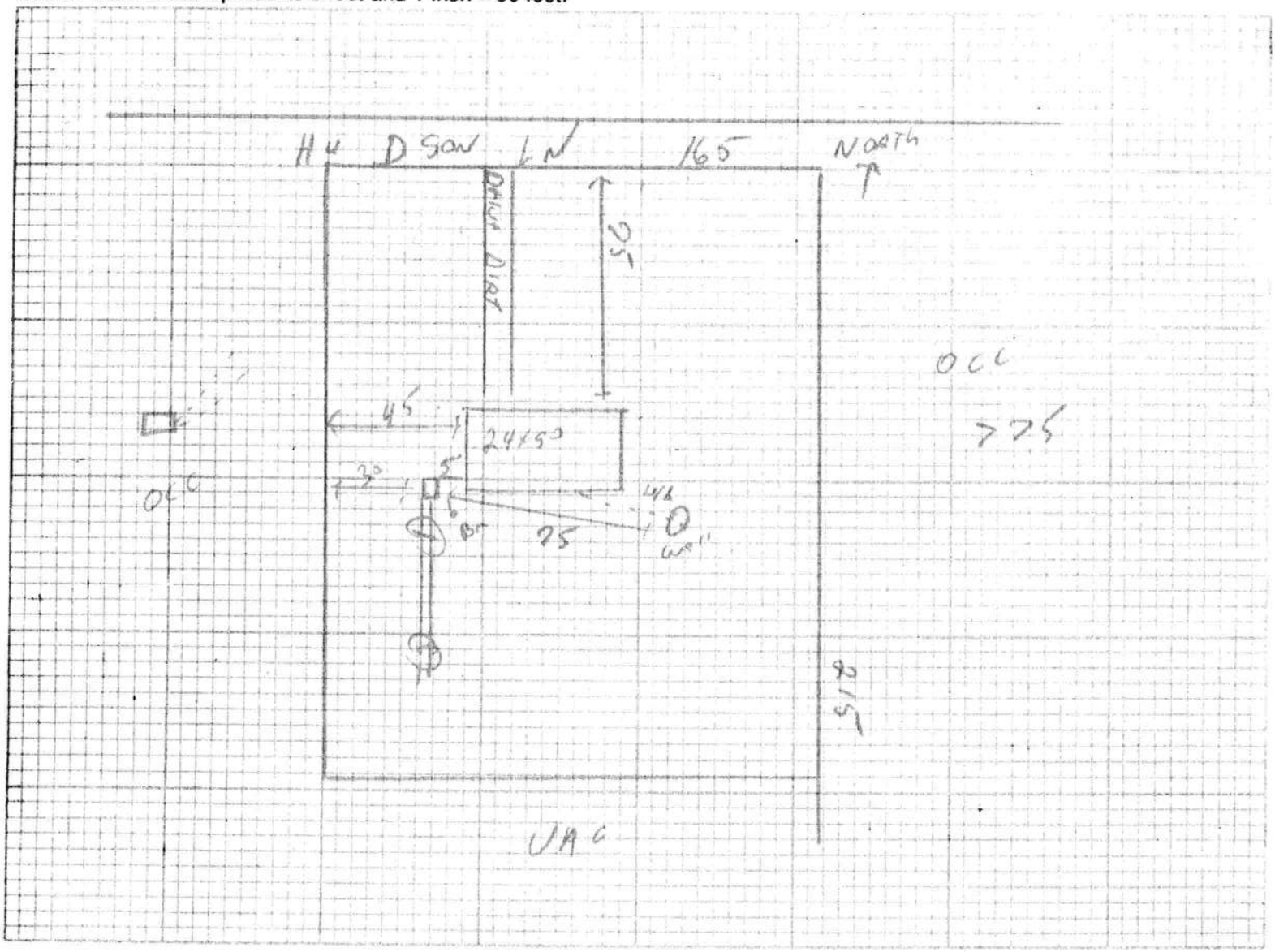
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0551

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: R C Ford (Signature) MASTER (Title)

Plan Approved ✓ Not Approved _____ Date 8-6-08

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Inst:200812014200 Date:7/29/2008 Time:3:06 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1155 P:1630

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number R08479-114

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT.**

1. Description of property *(legal description)*: GREENRidge EST. Lot 14
   a) Street *(job)* Address: 398 S.W. Hudson LANE Lake City Fl. 32025
2. General description of improvements: S.F.D.

3. Owner Information
   a) Name and address: Tom LATIMER
   b) Name and address of fee simple titleholder (if other than owner) Tom LATIMER
   c) Interest in property OWNER
4. Contractor Information
   a) Name and address: OWNER Builder
   b) Telephone No.: _____ Fax No. (Opt.) _____
5. Surety Information
   a) Name and address: NA
   b) Amount of Bond: _____
   c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
   a) Name and address: NA
   b) Phone No. _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: Tom LATIMER 1624 N.W. 107 TERR. GAINESVILLE FL 32606
   b) Telephone No.: (352) 339 1500 Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b). Florida Statutes:
   a) Name and address: Josh LATIMER 1624 N.W. 107 TERR. GAINESVILLE FL 32606
   b) Telephone No.: (352) 538 9875 Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**: 07-29-08

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. _____
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Tom LATIMER
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 29th day of July, 20 08, by:

Tom Latimer as OWNER **(type of authority, e.g. officer, trustee, attorney fact) for** _____ **(name of party on behalf of whom instrument was executed).**

Personally Known ____ OR Produced Identification ____ Type DL

Notary Signature Gale Tedder Notary Stamp or Seal:

GALE TEDDER
MY COMMISSION # DD 805686
EXPIRES: July 14, 2012
Bonded Thru Notary Public Underwriters

—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

_____
Signature of Natural Person Signing (in line #10 above.)

COLUMBIA COUNTY 9-1-1 ADDRESSING / GIS DEPARTMENT

P. O. Box 1787, Lake City, FL 32056-1787
Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

ADDRESS ASSIGNMENT DATA

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

Residential or other structure on Parcel Number:
18-4S-17-08479-114 (LOT 14 GREENRIDGE ESTATES SOUTH S/D UNREC)

Address Assignment:
398 SW HUDSON LN, LAKE CITY, FL, 32025

Any questions concerning this information should be referred to the 9-1-1 Addressing / GIS Department at the telephone number listed above.

Approved Address

JUL 11 2008

911Addressing/GIS Dept

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (386) 752-1854
FAX (386) 755-7022
904 NW MAIN BLVD.
LAKE CITY, FLORIDA 32055

July 29, 2008

Notice To All Contractors:
Tom Latimer

Please be advised that due to the new building codes we will Use a large capacity diaphragm tank on all new well. This will in sure a minimum of one (1) minute draw down or One (1) minute refill. If a smaller diaphragm tank is used then We will install a cycle stop valve which will produce the same Results. All wells will have a pump & tank combination that Will be sufficient enough for each situation.

If you have any questions please feel free to call our office.

Thank You,

Donald Hall

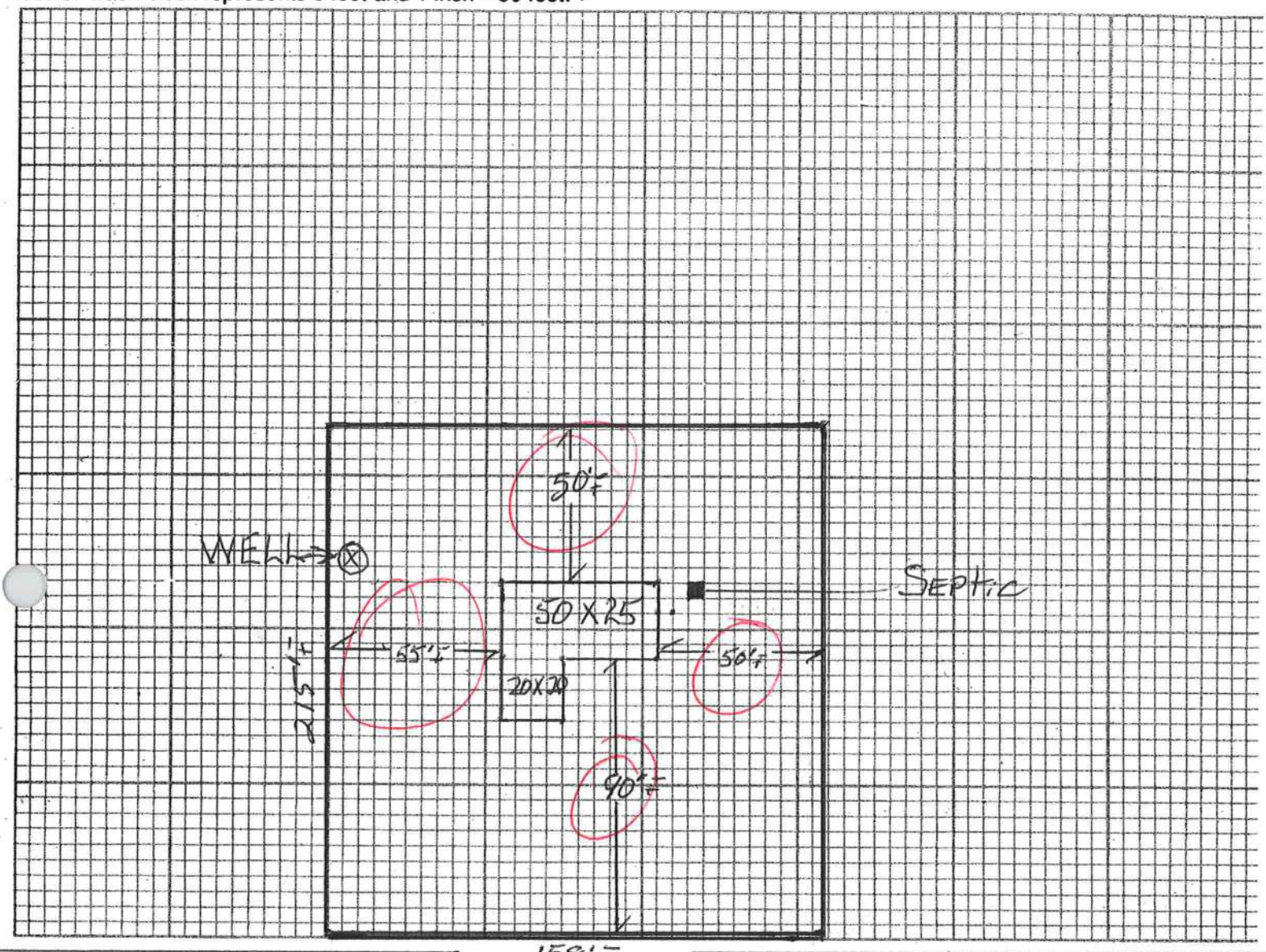
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number _____

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet. ✓



Notes:

THE SEPTIC IS APPROX 110 FEET FROM THE WELL
THE HOUSE IS APPROX 50 FEET FROM ALL BOUNDRIES
911 ADDRESS 398 S. W. HUDSON LANE ZIP 32025

Site Plan submitted by: Tom Lee (Signature) OWNER (Title)

Plan Approved _____ Not Approved _____ Date _____

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

COLUMBIA COUNTY BUILDING DEPARTMENT
135 NE Hernando Ave.. Suite B-21
Lake City, FL 32055
Office: 386-758-1008 Fax: 386-758-2160

NOTARIZED DISCLOSURE STATEMENT
FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved for yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that if I am not physically doing the work or physically supervising free labor from friends or relatives, that I must hire licensed contractors, i.e. electrician, plumber, mechanical (heating & air conditioning), etc. I further understand that the violation of not physically doing the work, and the use of unlicensed contractors at the construction site, will cause the project to be shut down by the inspection staff of the Columbia County Building Department. Additionally, state statutes allows for additional penalties. I also understand that if this violation does occur, that in order for the job to proceed, I will have a licensed contractor come in and obtain a new permit as taking the job over. I understand that if I hire subcontractors under a contract price, that they must be licensed to work in Columbia County, i.e. masonry, drywall, carpentry. Contractors licensed by the Columbia County Contractor Licensing Section or the State of Florida are required to have worker's compensation and liability coverage.

TYPE OF CONSTRUCTION

(X) Single Family Dwelling ( ) Two-Family Residence ( ) Farm Outbuilding
( ) Other_____ ( ) Addition, Alteration, Modification or other Improvement

I Tom LATIMER, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Owner Builder Signature 07-27-08 Date

FLORIDA NOTARY
The above signer is personally known to me or produced identification FLDL
Notary Signature Jarodanne Rentz Date 7/29/08

NOTARY PUBLIC-STATE OF FLORIDA
Jarodanne Rentz
Commission # DD444940
Expires: JUNE 26, 2009
Bonded Thru Atlantic Bonding Co., Inc

FOR BUILDING DEPARTMENT USE ONLY
I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7). Date_____ Building Official/Representative_____

Prepared by & Return to:
Matthew D. Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 08-0305

Inst:200812013672 Date:7/22/2008 Time:1:15 PM
Doc Stamp-Deed:245.00
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1155 P:80

General Warranty Deed

Made this July 17th, 2008 A.D. By **David W. Craft, a married man**, whose post office address is: 2327 S. Marion Ave., Lake City, FL 32025, hereinafter called the grantor, to **Bennet Thomas Latimer**, whose post office address is: 1624 NW 107th Terr, Gainesville, FL 32606-5474, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, ($10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Attached Schedule "A"

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: R08479-114

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2007.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Printed Name Matthew D. Rocco

Witness Printed Name Jonathan Rocco

David W. Craft (Seal)
Address: 2327 S. Marion Ave., Lake City, FL 32025

(Seal)
Address:

Prepared by & Return to:
Matthew D. Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 08-0305

Schedule "A"

Commence at the Southeast corner, Section 18, Township 4 South, Range 17 East and run thence N 01°09'00"W along the East line of said Section, 1417.87 feet; thence S 88°30'00" W 577.00 feet; thence N 00°05'00" E, 503.50 feet; thence S 88°17'00" W 260.00 feet to the Point of Beginning; thence continue S 88°17'00" W 158.00 feet; thence N 00°05'00" E 215.00 feet to the South line of County Road; thence N 88°17'00" E 158.00 feet along said road; thence S 00°05'00" W 215.00 feet to the Point of Beginning.

Wausau Homes
America's Custom Builder

WAUSAU HOMES, INC.
P.O. BOX 8005
WAUSAU, WISCONSIN 54402-8005
PHONE 715/359-7272

FLORIDA CODE DATA

ITEM

ENERGY CALC

PRODUCT APPROVAL

ELECTRICAL LOAD CALC

TRUSSES

DESIGN WIND PRESSURE FOR EXTERIOR WINDOWS (PSF)
(WORSE CASE SCENARIO)

WIND SPEED:	130 MPH	
MEAN ROOF HRIGHT:	15'-0" OR LESS	
HEIGHT & EXPOSURE ADJUSTMENT FACTOR:	1.21	
LOCATION	PRESSURE	SUCTION
WALLS GREATER TAHN 36" OF CORNER	27.5	-30.6
WALLS WITHIN 36" OF CORNER	30.6	-41.6
WIND SPEED:	130 MPH	
MEAN ROOF HRIGHT:	GREATER THATI5'-0" TO 30'-0"	
HEIGHT & EXPOSURE ADJUSTMENT FACTOR:	1.40	
LOCATION	PRESSURE	SUCTION
WALLS GREATER TAHN 36" OF CORNER	31.7	-35.3
WALLS WITHIN 36" OF CORNER	35.3	-47.9

APPROVED
PFS CORPORATION

CONSTRUCTION TYPE	VB
OCCUPANCY	R-3
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY	130
FIRE RATINGS/EXT. WALLS	0
FLOOR LOAD (P.S.F.)	40
DATE	7-1-08

PFS Corporation
MODULAR
CONSTRUCTION
JUL 1 2008
APPROVED

THIS DOCUMENT MEETS OR EXCEEDS THE REQUIREMENTS OF THE STATE OF FLORIDA MANUFACTURED BUILDING RULES & REGULATIONS

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**SO# 21841**	Builder:	Tom Latimer.
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	27245
Owner:		Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 24.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	1200 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT) 7a.	(Dble Default) 157.0 ft²	a. Electric Strip	Cap: 24.0 kBtu/hr
b. SHGC:			COP: 1.00
(or Clear or Tint DEFAULT) 7b.	(Clear) 157.0 ft²	b. N/A	
8. Floor types			
a. Raised Wood, Stem Wall	R=0.0, 1200.0ft²	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 40.0 gallons
a. Frame, Wood, Exterior	R=19.0, 973.0 ft²		EF: 0.92
b. N/A		b. N/A	
c. N/A			
d. N/A		c. Conservation credits	Solar
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 1200.0 ft²	15. HVAC credits	PT, CF,
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 100.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	

PFS Corporation
MODULAR CONSTRUCTION
JUL 1 2008
APPROVED

Glass/Floor Area: 0.13 Total as-built points: 18131 Total base points: 19199 **PASS**

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: 6/27/08

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

GREAT SEAL OF THE STATE OF FLORIDA — IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1200.0	18.59	4015.0	1.Double, Clear	W	1.3	5.5	66.0	38.52	0.92	2342.0	
				2.Double, Clear	S	1.3	5.5	9.0	35.87	0.87	280.0	
				3.Double, Clear	E	1.3	5.5	16.5	42.06	0.92	639.0	
				4.Double, Clear	E	1.3	7.0	40.0	42.06	0.96	1611.0	
				5.Double, Clear	E	1.3	3.0	9.0	42.06	0.77	291.0	
				6.Double, Clear	N	0.9	5.5	16.5	19.20	0.97	308.0	
				As-Built Total:				**157.0**			**5471.0**	
WALL TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM	=	Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			19.0	973.0	0.90		875.7	
Exterior	973.0	1.70	1654.1									
Base Total:	**973.0**		**1654.1**	**As-Built Total:**				**973.0**			**875.7**	
DOOR TYPES	Area X	BSPM	= Points	Type				Area X	SPM	=	Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				38.0	4.10		155.8	
Exterior	38.0	6.10	231.8									
Base Total:	**38.0**		**231.8**	**As-Built Total:**				**38.0**			**155.8**	
CEILING TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM X SCM	=	Points	
Under Attic	1200.0	1.73	2076.0	1. Under Attic			30.0	1200.0	1.73 X 1.00		2076.0	
Base Total:	**1200.0**		**2076.0**	**As-Built Total:**				**1200.0**			**2076.0**	
FLOOR TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM	=	Points	
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Stem Wall			0.0	1200.0	-4.70		-5640.0	
Raised	1200.0	-3.99	-4788.0									
Base Total:			**-4788.0**	**As-Built Total:**				**1200.0**			**-5640.0**	
INFILTRATION	Area X	BSPM	= Points					Area X	SPM	=	Points	
	1200.0	10.21	12252.0					1200.0	10.21		12252.0	

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SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 15440.9			**Summer As-Built Points:**					**15190.5**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 24000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
			15190	1.00	(1.08 x 1.147 x 0.91)	0.260	0.902	4021.8
15440.9	**0.3250**	**5018.3**	**15190.5**	**1.00**	**1.128**	**0.260**	**0.902**	**4021.8**

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WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1200.0	20.17	4357.0	1.Double, Clear	W	1.3	5.5	66.0	20.73	1.02	1397.0	
				2.Double, Clear	S	1.3	5.5	9.0	13.30	1.10	132.0	
				3.Double, Clear	E	1.3	5.5	16.5	18.79	1.03	320.0	
				4.Double, Clear	E	1.3	7.0	40.0	18.79	1.02	766.0	
				5.Double, Clear	E	1.3	3.0	9.0	18.79	1.10	185.0	
				6.Double, Clear	N	0.9	5.5	16.5	24.58	1.00	405.0	
				As-Built Total:				**157.0**			**3205.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			19.0	973.0	2.20		2140.6	
Exterior	973.0	3.70	3600.1									
Base Total:	**973.0**		**3600.1**	**As-Built Total:**				**973.0**			**2140.6**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				38.0	8.40		319.2	
Exterior	38.0	12.30	467.4									
Base Total:	**38.0**		**467.4**	**As-Built Total:**				**38.0**			**319.2**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points	
Under Attic	1200.0	2.05	2460.0	1. Under Attic			30.0	1200.0	2.05 X 1.00		2460.0	
Base Total:	**1200.0**		**2460.0**	**As-Built Total:**				**1200.0**			**2460.0**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	0.0(p)	0.0	0.0	1. Raised Wood, Stem Wall			0.0	1200.0	3.50		4200.0	
Raised	1200.0	0.96	1152.0									
Base Total:			**1152.0**	**As-Built Total:**				**1200.0**			**4200.0**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	1200.0	-0.59	-708.0					1200.0	-0.59		-708.0	

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WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**11328.5**	**Winter As-Built Points:**					**11616.8**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Strip 24000 btuh ,EFF(1.0) Ducts:Unc(S),Con(R),Int(AH),R6.0					
11328.5	0.5540	6276.0	11616.8 **11616.8**	1.000 **1.00**	(1.060 x 1.169 x 0.93) **1.152**	1.000 **1.000**	0.950 **0.950**	12717.8 **12717.8**

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WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	40.0	0.92	3	1.00	2635.00	0.18	1391.3	
				As-Built Total:						**1391.3**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	Heating Points	Hot Water Points	Total Points	Cooling Points	Heating Points	Hot Water Points	Total Points
5018	**6276**	**7905**	**19199**	**4022**	**12718**	**1391**	**18131**

PASS

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Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

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ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.1

The higher the score, the more efficient the home.

, , , ,

1.	New construction or existing	New	__
2.	Single family or multi-family	Single family	__
3.	Number of units, if multi-family	1	__
4.	Number of Bedrooms	3	__
5.	Is this a worst case?	Yes	__
6.	Conditioned floor area (ft²)	1200 ft²	__
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description (Dble Default) Area 157.0 ft²	__
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 157.0 ft²	__
8.	Floor types		
a.	Raised Wood, Stem Wall	R=0.0, 1200.0ft²	__
b.	N/A		__
c.	N/A		__
9.	Wall types		
a.	Frame, Wood, Exterior	R=19.0, 973.0 ft²	__
b.	N/A		__
c.	N/A		__
d.	N/A		__
e.	N/A		__
10.	Ceiling types		
a.	Under Attic	R=30.0, 1200.0 ft²	__
b.	N/A		__
c.	N/A		__
11.	Ducts		
a.	Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 100.0 ft	__
b.	N/A		__

12.	Cooling systems		
a.	Central Unit	Cap: 24.0 kBtu/hr	__
		SEER: 13.00	__
b.	N/A		__
			__
c.	N/A		__
			__
13.	Heating systems		
a.	Electric Strip	Cap: 24.0 kBtu/hr	__
		COP: 1.00	__
b.	N/A		__
			__
c.	N/A		__
			__
14.	Hot water systems		
a.	Electric Resistance	Cap: 40.0 gallons	__
		EF: 0.92	__
b.	N/A		__
			__
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	Solar	__
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,	__

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR THE FLORIDA RESIDENTIAL BUILDING CODE 2004 with 2005 & 2006
Supplements and One (1) and Two (2) Family Dwellings

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current FLORIDA BUILDING CODES and the Current FLORIDA RESIDENTIAL CODE. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the Residential Code (Florida Wind speed map) **SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

GENERAL REQUIREMENTS;

- ✓ Two (2) complete sets of plans containing the following:
- ✓ All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void
- ✓ Condition space (Sq. Ft.) and total (Sq. Ft.) under roof shall be shown on the plans.
- ✓ Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents per FBC 106.1.

Site Plan information including:

- ✓ Dimensions of lot or parcel of land
- ✓ Dimensions of all building set backs
- ✓ Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.
- ✓ Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required:

- ✓ Plans or specifications must meet state compliance with FRC Chapter 3
- ✓ The following information must be shown as per section FRC
- ✓ Basic wind speed (3-second gust), miles per hour
- ✓ Wind importance factor and nature of occupancy
- ✓ Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- ✓ The applicable internal pressure coefficient, Components and Cladding The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.

Elevations Drawing including:

- ✓ All side views of the structure
- ✓ Roof pitch
- ✓ Overhang dimensions and detail with attic ventilation
- ✓ Location, size and height above roof of chimneys
- ✓ Location and size of skylights with Florida Product Approval
- ✓ Number of stories
- ✓ e) Building height from the established grade to the roofs highest peak

Floor Plan including:

- ✓ Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies and raised floor surfaces located more than 30 inches above the floor or grade
- ✓ All exterior and interior shear walls indicated
- ✓ Shear wall opening shown (Windows, Doors and Garage doors
- ✓ Emergency escape and rescue opening in each bedroom (net clear opening shown)
- ✓ Safety glazing of glass where needed
- Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FRC)
- Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FRC 311)
- ✓ Plans must show and identify accessibility of bathroom (see FRC 322)

All materials placed within opening or onto/into exterior shear walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

Foundation Plans Per FRC 403:

- ✓ a) Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.
- ✓ b) All posts and/or column footing including size and reinforcing
- ✓ c) Any special support required by soil analysis such as piling.
- ✓ d) Assumed load-bearing valve of soil_____ (psf)
- ✓ e) Location of horizontal and vertical steel, for foundation or walls (include # size and type)

CONCRETE SLAB ON GRADE Per FRC R506

- Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
- Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports

PROTECTION AGAINST TERMITES Per FRC 320:

- ✓ Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides

Masonry Walls and Stem walls (load bearing & shear Walls) FRC Section R606

- ✓ Show all materials making up walls, wall height, and Block size, mortar type
- ✓ Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

- ✓ Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer
- ✓ Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers
- Girder type, size and spacing to load bearing walls, stem wall and/or priers
- Attachment of joist to girder
- ✓ Wind load requirements where applicable
- ✓ Show required under-floor crawl space
- ✓ Show required amount of ventilation opening for under-floor spaces
- ✓ Show required covering of ventilation opening.
- ✓ Show the required access opening to access to under-floor spaces
- ✓ Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing
- ✓ Show Draft stopping, Fire caulking and Fire blocking
- ✓ Show fireproofing requirements for garages attached to living spaces, per FRC section R309
- ✓ Provide live and dead load rating of floor framing systems (psf).

WOOD WALL FRAMING CONSTRUCTION FRC CHAPTER 6

- Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls.
- Fastener schedule for structural members per table R602.3 (1) are to be shown.
- Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing
- Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems.
- Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FRC Table R502.5 (1)
- Indicate where pressure treated wood will be placed.
- Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas
- A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail

ROOF SYSTEMS:

- Truss design drawing shall meet section FRC R802.10 Wood trusses. Include a layout and truss details and be signed and sealed by Fl. Pro. Eng.
- Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters
- Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details
- Provide dead load rating of trusses

Conventional Roof Framing Layout Per FRC 802:

- Rafter and ridge beams sizes, span, species and spacing
- Connectors to wall assemblies' include assemblies' resistance to uplift rating.
- Valley framing and support details
- Provide dead load rating of rafter system.

ROOF SHEATHING FRC Table R602,3(2) FRC 803

- Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing on the edges & intermediate areas

ROOF ASSEMBLIES FRC Chapter 9

- Include all materials which will make up the roof assembles covering; with Florida Product Approval numbers for each component of the roof assembles covering.

FCB Chapter 13 Florida Energy Efficiency Code for Building Construction

- Residential construction shall comply with this code by using the following compliance methods in the FBC Subchapter 13-6, Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area
- Show the insulation R value for the following areas of the structure: Attic space, Exterior wall cavity and Crawl space (if applicable)

HVAC information shown

- Manual J sizing equipment or equivalent computation
- Exhaust fans locations in bathrooms

Plumbing Fixture layout shown

- All fixtures waste water lines shall be shown on the foundation plan

Electrical layout shown including:

- Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- Ceiling fans
- Smoke detectors
- Service panel, sub-panel, location(s) and total ampere ratings

- ✓ On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.
- ✓ Appliances and HVAC equipment and disconnects
- ✓ Arc Fault Circuits (AFCI) in bedrooms

- ✓ Notarized Disclosure Statement for Owner Builders

- ○ Notice of Commencement Recorded (in the Columbia County Clerk Office) Notice Of Commencement is required to be filed with the building department Before Any Inspections Will Be Done.

Private Potable Water

- ○ Size of pump motor
- ○ Size of pressure tank
- ○ Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

- ✓ Building Permit Application: A current Building Permit Application form is to be completed and submitted for all residential projects.

- ✓ Parcel Number: The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

- Environmental Health Permit or Sewer Tap Approval: A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)

- ○ City Approval: If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

- ○ Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED. A development permit will also be required. The permit cost is $50.00.

- ○ Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit ($25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ($50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

- ✓ 911 Address: If the project is located in an area where the 911 address has been issued, then the proper Paper work from the 911 Addressing Departments must be submitted. (386) 758-1125

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. NOTIFICATION WILL BE GIVEN WHEN THE APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT.

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

Permit # **(FOR STAFF USE ONLY)**

Website:

ATN/ Weggie

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001652

DATE: 08/06/2008 BUILDING PERMIT NO. 27245

APPLICANT TOM LATIMER PHONE 352 339-1500

ADDRESS 1624 NW 107TH TERR GAINESVILLE FL 32606

OWNER TOM LATIMER PHONE 352 339-1500

ADDRESS 398 SW HUDSON LANE LAKE CITY FL 32025

CONTRACTOR TOM LATIMER PHONE 352 339-1500

LOCATION OF PROPERTY 47S, TL ON HUDSON, NEXT TO LAST ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT GREENRIDGE ESTATES 14

PARCEL ID # 18-4S-17-08479-114

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Tom Latimer

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: Talked To Tom Latimer Approved Waiver
*Exception Driveway Has To Be Sealed and Concrete or Asphalt Apron 40ft PAVED RD. at Driveway location To Paved ROAD

SIGNED: Ken Stewart DATE: 08-14-08

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

COLUMBIA COUNTY GATEWAY TO FLORIDA

PRODUCT APPROVAL SCHEDULE

Manufacturer: Plan # WHI-70-2FRA-24W-50L

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the manufactured building for which you are applying for PFS certification. We recommend that you contact your product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org.

Category	Manufacturer	Product Description	Approval #(s)
EXTERIOR DOORS			
Swinging	Therma-Tru Jeld-Wen	Fiberglass Door French Out-swing (3100/3400)	FL1170 FI9045; FL8402
Sliding	SNE Nu-Air West Jeld-Wen	Sliding Door Non-impact Impact Sliding Door; Non-impact Sliding Door Sliding Door Non-impact 3800 Series Impact; 3800 Series Non-impact	FL1442 FL5340; FL5334.1 FL4933 FL7962.1; FL7581.2
Sectional			
Roll-up			
Automatic			
Other			
WINDOWS			
Single Hung	SNE Nu-Air Jeld-Wen	980 Series Non-Impact 9000 Series Impact; 200 Series Non-impact 8100 Series Impact; 8100 Series Non-impact	FL1448.5 FL5337; FL5330 FL7958.1; FL6053.1
Horizontal Slider			
Casement			
Double Hung	West	Allweld III Non-impact; Defender Impact	FL5055; FL5055
Fixed	Jeld-Wen	8300 Series Impact; 8300 Series Non-impact	FL7939.1; FL6263.13
Awning			
Pass-through			
Projected			
Mullion			
Dual Action			
PANEL WALL			
Siding	Alcoa	Silhouette; Grand Sierra	FL5548; FL5548.6
Soffits	Alcoa	Pro-Select Vinyl Soffit	FL5546.2
EIFS			
Storefronts			
Curtain Walls			
Wall Louver			
Glass Block			

Membrane			

PRODUCT APPROVAL SCHEDULE

Category	Manufacturer	Product Description	Approval #(s)
ROOFING PRODUCTS			
Asphalt Shingles	Certainteed	Landmark 30 AR Architectural Shingles	FL5444
Underlayments	Woodland Ind.	15# and 30# Felt Paper	FL1814.2;FL1814.4
Roofing Fasteners	Simpson Hangers	Strapping	FL1901.32
Non-structural Metal			
Built-up Roofing			
Modified Bitumen			
Single Ply Roofing Sys.			
Roofing Tiles			
Roofing Insulation			
Waterproofing			
Wood Shingles / Shakes			
Roofing Slate			
Liquid Applied Roof Sys.			
Cements - Adhesives - Coatings			
Roof Tile Adhesive	Henry	Henry 505 Flash Master	FL3329
Spray Applied			
Polyurethane Roof			
Other			
SHUTTERS			
Accordion			
Bahama			
Storm Panels			
Colonial			
Roll-up			
Equipment			
Other			
SKYLIGHTS			
Skylight			
Other			
STRUCTURAL COMPONENTS			
Wood Connector/Anchor	Simpson Hangers	Strapping	FL3750.96
Truss Plates	Mitek	Truss Connector Plate	FL2197
Engineered Lumber	Weyerhouser	Engineered Lumber	FL1630
Railing			

Coolers & Freezers			

PRODUCT APPROVAL SCHEDULE

Category	Manufacturer	Product Description	Approval #(s)
STRUCTURAL COMPONENTS (cont.)			
Concrete Admixtures			
Insulation Forms			
Plastics			
Deck & Roof			
Wall			
Sheds			
Others			
NEW EXTERIOR ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector at the manufacturing plant: (1) Copy of the product approval from the Local or State Building Commission, or supply all of the information listed on Form No. 9B-72.130(5). (2) Copy of the applicable manufacturers' installation requirements. I understand these products may have to be removed if approval cannot be demonstrated during inspection.

_____

_____

_____

_____

_____

_____

Manufacturer's Authorized Agent Signature Printed Name Date

Name: _____ Date: 6/25/08

ELECTRICAL LOAD CALCULATION

PAGE

MODEL: FL-2FRA-2450

DWELLING HAS A FLOOR AREA OF: 1200 SQ. FT.
(EXCLUSIVE OF CELLAR, ATTIC OR PORCH)

LOADS:	QTY:	KW:
FURNACE	1	10.0
1200 SQ FT AT 3 WATTS		3.6
20-AMPERE APPLIANCES:	3	4.5
LAUNDRY CIRCUIT	1	1.5
DRYER	1	5.6
RANGE	1	15.0
MICROWAVE	0	0.0
SINGLE/DOUBLE OVEN	0	0.0
COOKTOP	0	0.0
DISHWASHER	1	1.1
GARBAGE DISPOSAL	1	1.2
COMPRESSOR	1	3.0
40-GALLON WATER HEATER	1	4.5
TOTAL LOAD =		50.0

FIRST 10 KW AT 100% =	10.00	KW
REMAINDER AT 40% =	20.00	KW
TOTAL LOAD =	30.00	KW
OR	30,000	WATTS

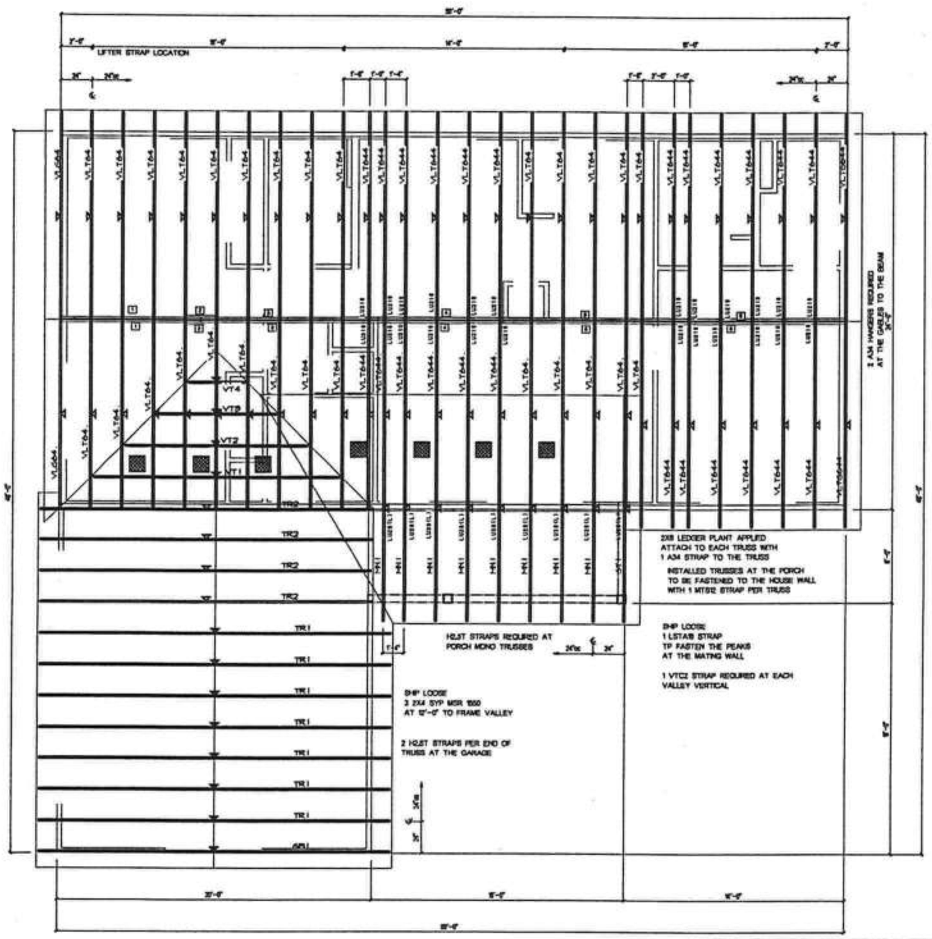
FOR 115/230 VOLT 3-WIRE SYSTEM FEED
30,000 /230 = 130.43 AMPERES

THEREFORE A 200 AMP SERVICE IS ADEQUATE

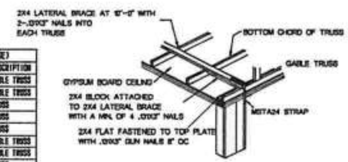
APPROVED
PFS CORPORATION

CONSTRUCTION TYPE	VB
OCCUPANCY	R-3
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY	130
FIRE RATINGS/EXT. WALLS	0
FLOOR LOAD (P.S.F.)	40
DATE	7-1-08

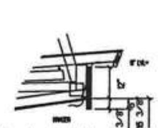
THIS DOCUMENT MEETS OR EXCEEDS THE REQUIREMENTS OF THE STATE OF FLORIDA MANUFACTURED BUILDING RULES & REGULATIONS



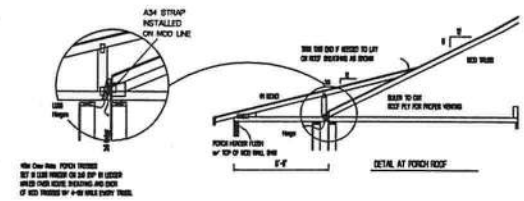
TRUSSES (4 SHIP LOOSE)		
LABEL	QTY	DESCRIPTION
HGB1	1	GABLE TRUSS
HGT1	1	GABLE TRUSS
HGB1	6	TRUSS
HTR1	7	TRUSS
HTR2	4	TRUSS
VLG64	1	GABLE TRUSS
VLG64.	1	GABLE TRUSS
VLT64	15	TRUSS
VLT64.	13	TRUSS
VLT644	16	TRUSS
VLT644.	6	TRUSS
VLTGB44	3	GABLE TRUSS
HVT1	1	VALLEY TRUSS
HVT2	1	VALLEY TRUSS
HVT3	1	VALLEY TRUSS
HVT4	1	VALLEY TRUSS
SHIP LOOSE		
1 PACK OF GABLE END STUDS		
TOTAL	81	



GABLE END BRACING DETAIL
2 ROWS PER HALF AT EACH GABLE
PLANT INSTALLED



Raised Header Detail



DETAIL AT PORCH ROOF

RIBBON BOARD							
LAB	QTY	MATERIAL	DESCRIPTION	LENGTH	ANG1	ANG2	NOTE
1	2	2x4 SPF #2	Lumber	9'-0"			
2	2	2x4 SPF #2	Lumber	1'-10 1/2"			
3	2	2x4 SPF #2	Lumber	8'-8 3/4"			
4	2	LVL-18	Lumber	11'-10"			
5	2	2x4 SPF #2	Lumber	7'-1 1/2"			
6	2	LVL-18	Lumber	12'-11"			

SIMPSON HANGER SCHEDULE			NAILING		LOADS				
LABEL	QTY	CODE	HEADER NAIL	JOIST NAIL	FLOOR SPF	FLOOR SYP	ROOF SPF	ROOF SYP	USP REFERENCE
LU28(L1)	8	LU28	(8) 10dx1 1/2	(6) 10dx1 1/2	770	880	885	1020	JUS
LU210	24	LU210	(10) 10dx1 1/2	(6) 10dx1 1/2	986	1117	1109	1286	

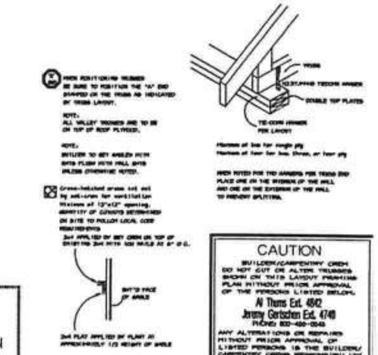
SIMPSON HANGER SCHEDULE SHIP LOOSE

QTY	SAP MATERIAL #	TYPE	NAILING SCHEDULE: TOP	HEADER CARRYING MEMBER: FACE	JOIST CARRIED MEMBER: JOIST	FLOOR (UPLIFT) SPF	FLOOR (UPLIFT) SYP	ROOF (UPLIFT) SPF	ROOF (UPLIFT) SYP
37	284383	H2.5T		(5) 8d	(5) 8d	535	535	545	545
[illegible]	[illegible]	LSTA18		(7) 10dx1 1/2	(7) 10dx1 1/2			650	1065
[illegible]	[illegible]	VTC2		(4) 16d	(6) 10dx1 1/2			475	800

SIMPSON HANGER SCHEDULE INSTALLED

QTY	SAP MATERIAL #	TYPE	NAILING SCHEDULE: TOP	HEADER CARRYING MEMBER: FACE	JOIST CARRIED MEMBER: JOIST	FLOOR (UPLIFT) SPF	FLOOR (UPLIFT) SYP	ROOF (UPLIFT) SPF	ROOF (UPLIFT) SYP
47	284383	H2.5T		(5) 8d	(5) 8d	535	535	545	545
15	282792	A34		(4) 8dx1 1/2	(4) 8dx1 1/2	295	345	315	365
30		LSTA18(mfr)		(7) 10dx1 1/2	(7) 10dx1 1/2			797	
9	282056	MTS12		(7) 10dx1 1/2	(7) 10dx1 1/2	730	840	730	840

BUILDER
CHECK TRUSS DESIGN
FOR LATERAL BRACING



SECTION @ TALL GABLES

CAUTION
BUILDER/CARPENTRY CREW
DO NOT CUT OR ALTER TRUSSES
SHOWN ON THIS LAYOUT FRAMING
PLAN WITHOUT PRIOR APPROVAL
OF THE PERSONS LISTED BELOW.
Al Thoms Ext. 4842
Jeremy Gertschen Ext. 4748
ANY ALTERATIONS OR REPAIRS
WITHOUT PRIOR APPROVAL OF
LISTED PERSONS IS THE BUILDER/
CARPENTRY CREWS RESPONSIBILITY.
ALL COSTS INCURRED ARE THEIR
RESPONSIBILITY.

RELEASED FOR PRODUCTION

Wausau Homes
America's Custom Builder

SCALE 1/8"=1'-0" | ORDER NO. 2941
FOR JLP CORPORATION
ROOF TRUSS LAYOUT
2FR NAPLES COMPH
PAGE R-1

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	GB1	GABLE	1	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:11 2008 Page 1

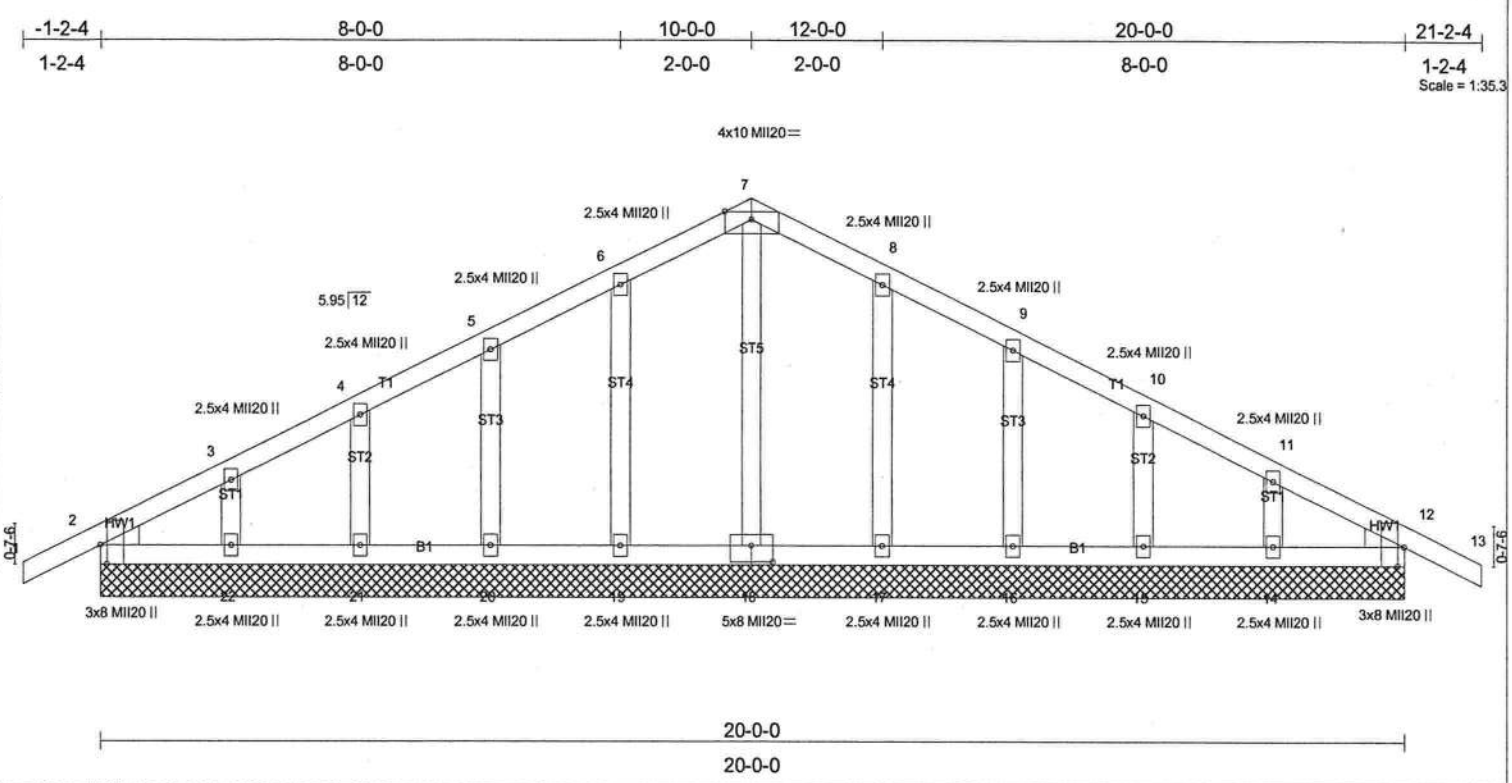


Plate Offsets (X,Y): [2:0-3-8,Edge], [12:0-3-8,Edge], [18:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.15	Vert(LL)	-0.01	13	n/r	120	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.06	Vert(TL)	-0.01	13	n/r	90		
BCLL	0.0	Rep Stress Incr	NO	WB	0.05	Horz(TL)	0.01	12	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 82 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
OTHERS 2 X 4 SPF 1650F 1.5E
WEDGE
Left: 2 X 4 SPF 1650F 1.5E, Right: 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=220/20-0-0, 18=184/20-0-0, 19=200/20-0-0, 20=199/20-0-0, 21=205/20-0-0, 22=179/20-0-0, 17=200/20-0-0, 16=199/20-0-0, 15=205/20-0-0, 14=179/20-0-0, 12=220/20-0-0
Max Horz 2=-160(LC 6)
Max Uplift 2=-140(LC 5), 19=-179(LC 5), 20=-185(LC 5), 21=-193(LC 5), 22=-175(LC 5), 17=-176(LC 6), 16=-186(LC 6), 15=-193(LC 6), 14=-166(LC 6), 12=-178(LC 6)
Max Grav 2=220(LC 1), 18=184(LC 1), 19=207(LC 9), 20=199(LC 1), 21=205(LC 9), 22=180(LC 9), 17=207(LC 10), 16=199(LC 1), 15=205(LC 10), 14=180(LC 10), 12=220(LC 1)

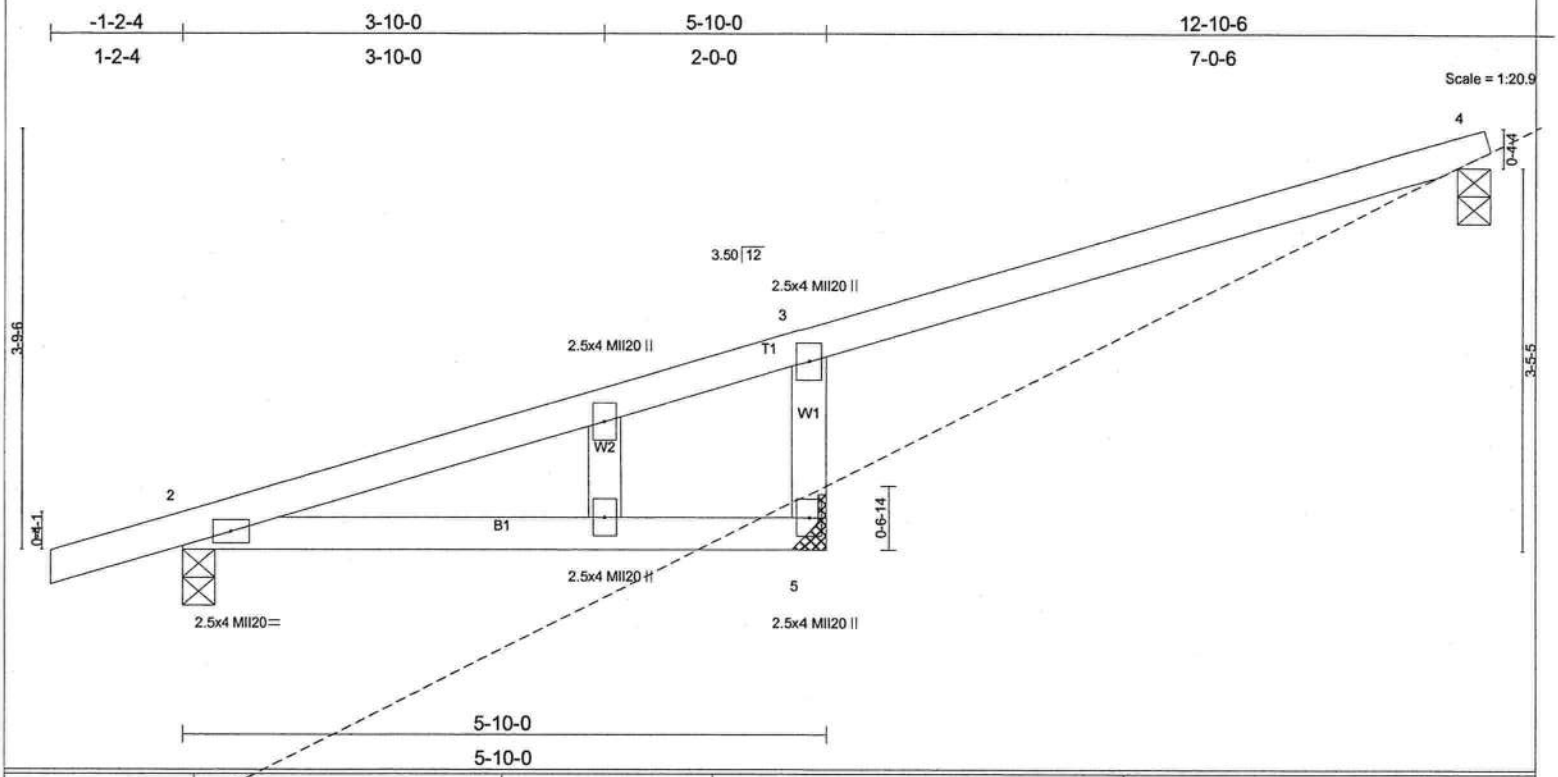
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/22, 2-3=-181/65, 3-4=-69/107, 4-5=-54/173, 5-6=-54/243, 6-7=-54/302, 7-8=-54/291, 8-9=-54/198, 9-10=-54/107, 10-11=-53/41, 11-12=-111/28, 12-13=0/22
BOT CHORD 2-22=0/189, 21-22=0/189, 20-21=0/189, 19-20=0/189, 18-19=0/189, 17-18=0/189, 16-17=0/189, 15-16=0/189, 14-15=0/189, 12-14=0/189
WEBS 7-18=-144/0, 6-19=-167/199, 5-20=-160/207, 4-21=-163/207, 3-22=-149/215, 8-17=-167/196, 9-16=-160/208, 10-15=-163/207, 11-14=-149/206

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 140 lb uplift at joint 2, 179 lb uplift at joint 19, 185 lb uplift at joint 20, 193 lb uplift at joint 21, 175 lb uplift at joint 22, 176 lb uplift at joint 17, 186 lb uplift at joint 16, 193 lb uplift at joint 15, 166 lb uplift at joint 14 and 178 lb uplift at joint 12.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	GT1	ROOF TRUSS	1	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:11 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.57	Vert(LL)	-0.05	2-5	>999	360	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.27	Vert(TL)	-0.13	2-5	>504	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.09	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 25 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=188/0-3-8, 2=339/0-3-8, 5=616/Mechanical
Max Horz 2=338(LC 3)
Max Uplift4=-209(LC 3), 2=-238(LC 3), 5=-588(LC 3)

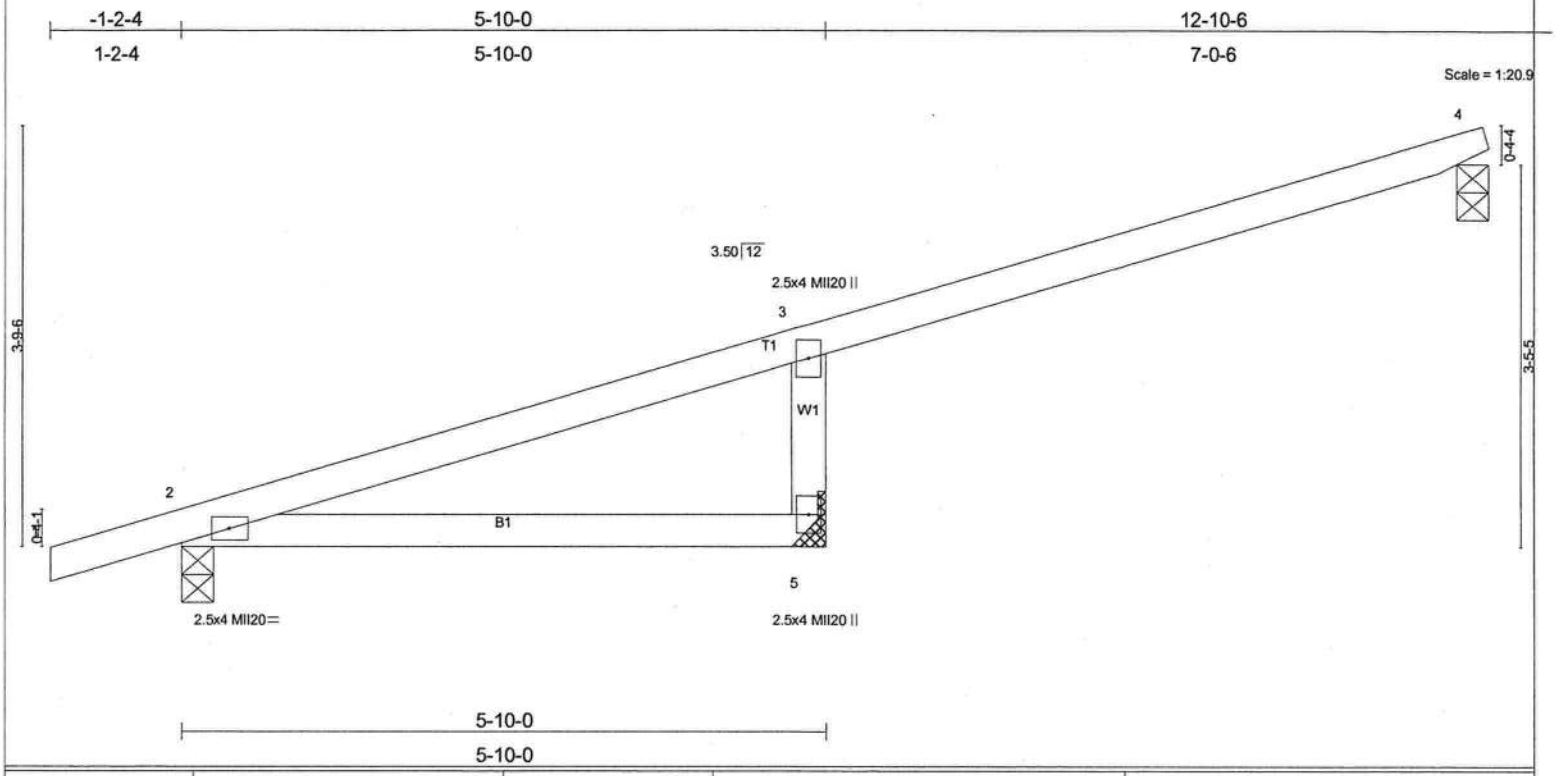
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-254/78, 3-4=-82/39
BOT CHORD 2-5=0/0
WEBS 3-5=-560/615

NOTES
1) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 209 lb uplift at joint 4, 238 lb uplift at joint 2 and 588 lb uplift at joint 5.
7) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	MN1	ROOF TRUSS	8	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:12 2008 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.57	Vert(LL)	-0.05	2-5	>999	360	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.27	Vert(TL)	-0.13	2-5	>504	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.09	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 24 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=188/0-3-8, 2=339/0-3-8, 5=616/Mechanical
Max Horz 2=338(LC 3)
Max Uplift4=-209(LC 3), 2=-238(LC 3), 5=-588(LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/24, 2-3=-254/78, 3-4=-82/39
BOT CHORD 2-5=0/0
WEBS 3-5=-560/615

NOTES
1) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 209 lb uplift at joint 4, 238 lb uplift at joint 2 and 588 lb uplift at joint 5.
7) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 4.

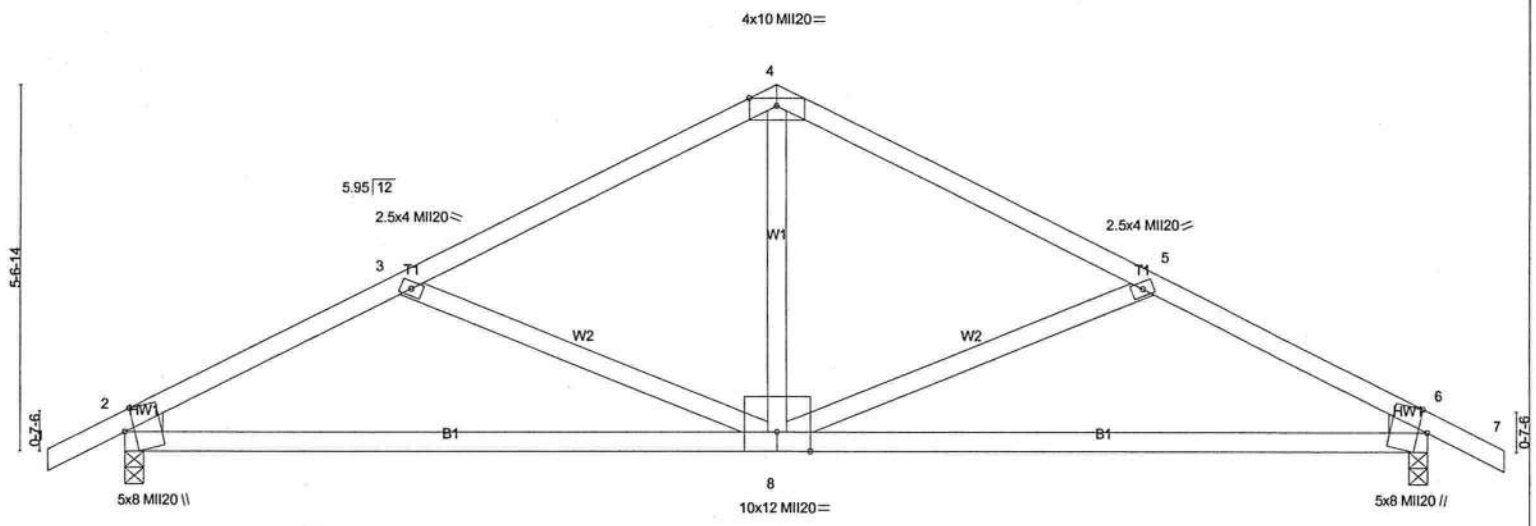
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	TR1	COMMON	7	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:12 2008 Page 1

-1-2-4	4-4-14	10-0-0	15-7-2	20-0-0	21-2-4
1-2-4	4-4-14	5-7-2	5-7-2	4-4-14	1-2-4

Scale = 1:35.3



10-0-0	20-0-0
10-0-0	10-0-0

Plate Offsets (X,Y): [2:0-4-0,Edge], [6:0-4-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.77	Vert(LL)	-0.16	2-8	>999	360	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.65	Vert(TL)	-0.41	6-8	>578	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.19	Horz(TL)	0.05	6	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 72 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF 1650F 1.5E
WEDGE
Left: 2 X 4 SPF 1650F 1.5E, Right: 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-6-8 oc bracing.

REACTIONS (lb/size) 2=1092/0-3-8, 6=1092/0-3-8
Max Horz 2=-160(LC 6)
Max Uplift2=-773(LC 5), 6=-773(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/22, 2-3=-1583/1008, 3-4=-1203/732, 4-5=-1203/732, 5-6=-1583/1008, 6-7=0/22
BOT CHORD 2-8=-889/1329, 6-8=-730/1329
WEBS 3-8=-429/514, 4-8=-208/523, 5-8=-429/515

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 773 lb uplift at joint 2 and 773 lb uplift at joint 6.

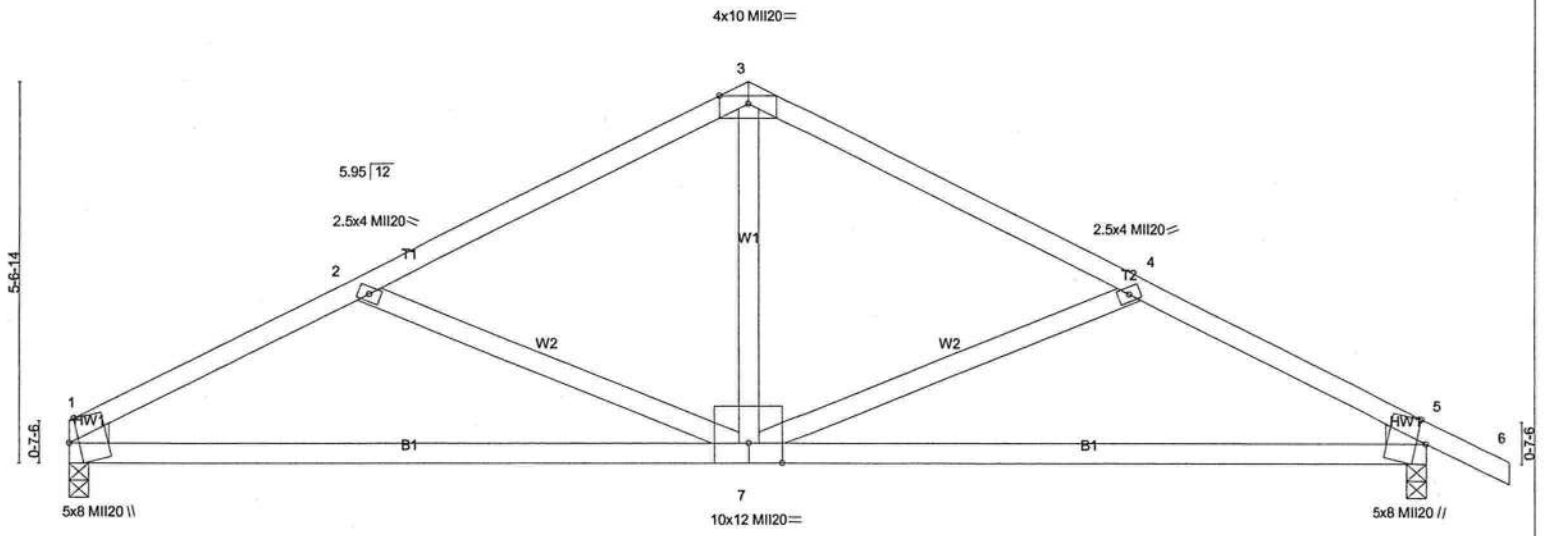
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	TR2	COMMON	4	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:12 2008 Page 1

4-4-14	10-0-0	15-7-2	20-0-0	21-2-4
4-4-14	5-7-2	5-7-2	4-4-14	1-2-4

Scale = 1:34.0



10-0-0	20-0-0
10-0-0	10-0-0

Plate Offsets (X,Y): [1:0-4-0,Edge], [5:0-4-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.77	Vert(LL)	-0.16	1-7	>999	360	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.66	Vert(TL)	-0.42	1-7	>565	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.05	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 71 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF 1650F 1.5E
WEDGE
Left: 2 X 4 SPF 1650F 1.5E, Right: 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-3-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-4-11 oc bracing.

REACTIONS (lb/size) 1=982/0-3-8, 5=1096/0-3-8
Max Horz 1=-173(LC 6)
Max Uplift1=-613(LC 5), 5=-775(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-1603/1037, 2-3=-1212/737, 3-4=-1211/745, 4-5=-1591/1013, 5-6=0/22
BOT CHORD 1-7=-924/1352, 5-7=-734/1335
WEBS 2-7=-446/540, 3-7=-222/525, 4-7=-429/515

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 613 lb uplift at joint 1 and 775 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	VLT644	MONO TRUSS	24	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:29 2008 Page 1

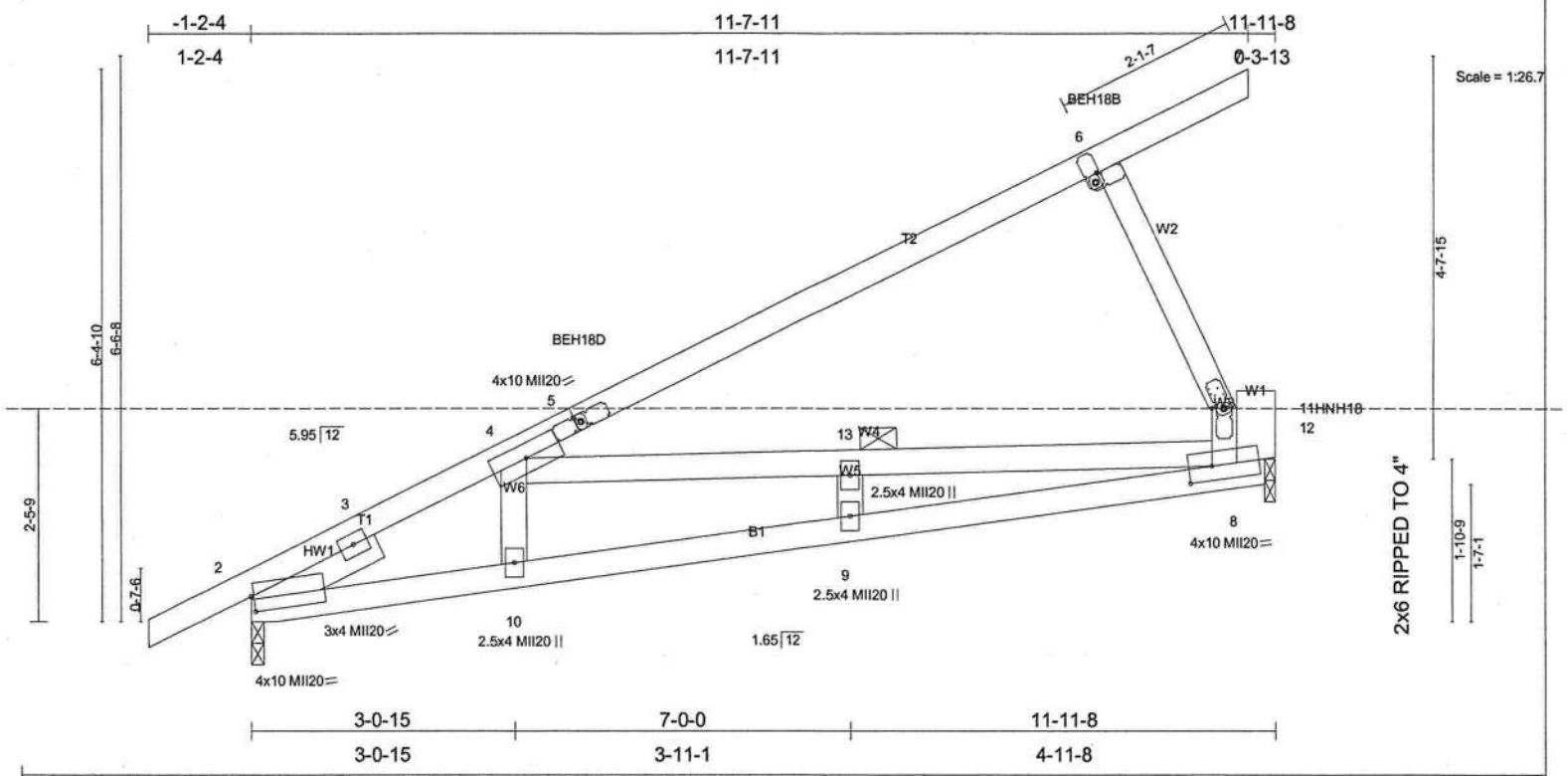


Plate Offsets (X,Y): [2:0-0-6,0-2-3], [5:0-0-11,0-0-14], [6:0-0-11,0-1-2], [8:0-3-4,0-2-0], [12:0-0-12,0-1-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.69	Vert(LL)	-0.12	8-9	>999	360	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.39	Vert(TL)	-0.29	8-9	>472	180	MII18	141/138
BCLL	0.0	Rep Stress Incr	YES	WB	0.31	Horz(TL)	-0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 49 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF 1650F 1.5E *Except*
W1 2 X 6 SPF 1650F 1.5E
SLIDER Left 2 X 4 SPF 1650F 1.5E 1-7-9

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-6 oc bracing.
WEBS 1 Row at midpt 4-8

REACTIONS (lb/size) 2=681/0-1-12, 8=577/0-1-8
Max Horz 2=530(LC 5)
Max Uplift2=-450(LC 5), 8=-531(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-1176/586, 3-4=-1121/603, 4-5=-348/38, 5-6=-198/23, 6-7=-60/0, 8-12=-317/386, 11-12=0/0
BOT CHORD 2-10=-948/986, 9-10=-964/989, 8-9=-964/1001
WEBS 4-10=0/246, 4-13=-799/769, 8-13=-800/768, 6-12=-363/451, 9-13=0/66

NOTES
1) Wind: ASCE 7-02; 130mph (3-second gust); h=30ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All plates are MT20 plates unless otherwise indicated.
4) Attach MiTek HNH18 (Half and Half Plate) on each face of truss with 8d x 1-1/2" common wire nails (0.131" x 1.5") in pre-punched holes provided. All nails holes must be filled (5 Nails per side 10 nails total).
5) See BEH18 DETAILS for plate placement.
6) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) Bearing at joint(s) 2, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 8.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 450 lb uplift at joint 2 and 531 lb uplift at joint 8.
11) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 8.
12) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	VLT64	MONO TRUSS	28	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:35 2008 Page 1

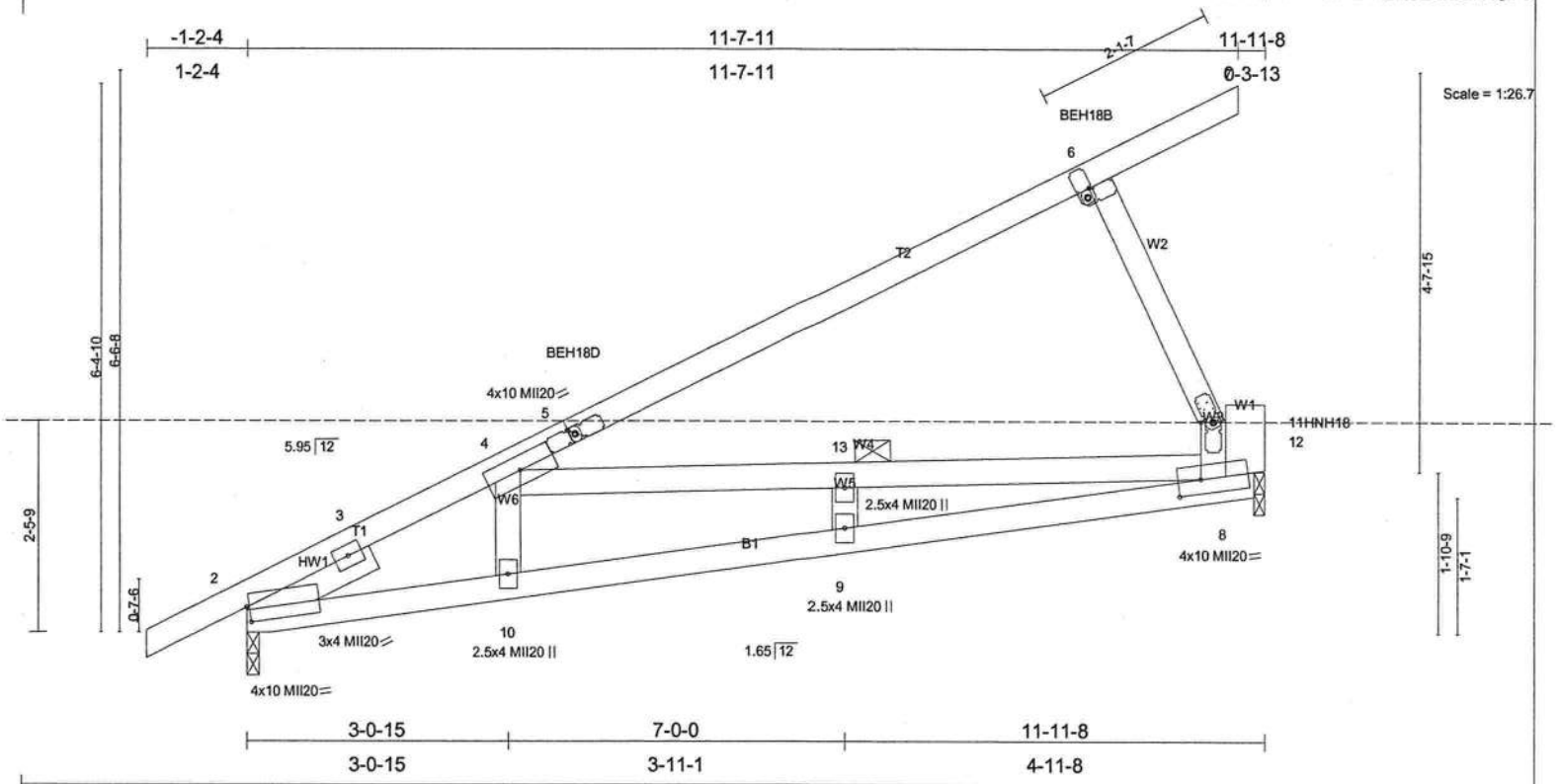


Plate Offsets (X,Y): [2:0-0-6,0-2-3], [5:0-0-11,0-0-14], [6:0-0-11,0-1-2], [8:0-3-4,0-2-0], [12:0-0-12,0-1-9]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.69	Vert(LL)	-0.12	8-9	>999	360	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.39	Vert(TL)	-0.29	8-9	>472	180	MII18	141/138
BCLL	0.0	Rep Stress Incr	YES	WB	0.31	Horz(TL)	-0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 49 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF 1650F 1.5E *Except*
W1 2 X 6 SPF 1650F 1.5E
SLIDER Left 2 X 4 SPF 1650F 1.5E 1-7-9

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-6 oc bracing.
WEBS 1 Row at midpt 4-8

REACTIONS (lb/size) 2=681/0-1-12, 8=577/0-1-8
Max Horz 2=530(LC 5)
Max Uplift2=-450(LC 5), 8=-531(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-1176/586, 3-4=-1121/603, 4-5=-348/38, 5-6=-198/23, 6-7=-60/0, 8-12=-317/386, 11-12=0/0
BOT CHORD 2-10=-948/986, 9-10=-964/989, 8-9=-964/1001
WEBS 4-10=0/246, 4-13=-799/769, 8-13=-800/768, 6-12=-363/451, 9-13=0/66

NOTES
1) Wind: ASCE 7-02; 130mph (3-second gust); h=30ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) All plates are MT20 plates unless otherwise indicated.
4) Attach MiTek HNH18 (Half and Half Plate) on each face of truss with 8d x 1-1/2" common wire nails (0.131" x 1.5") in pre-punched holes provided. All nails holes must be filled (5 Nails per side 10 nails total).
5) See BEH18 DETAILS for plate placement.
6) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) Bearing at joint(s) 2, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 8.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 450 lb uplift at joint 2 and 531 lb uplift at joint 8.
11) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 8.
12) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	VLG644	GABLE	2	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:42 2008 Page 1

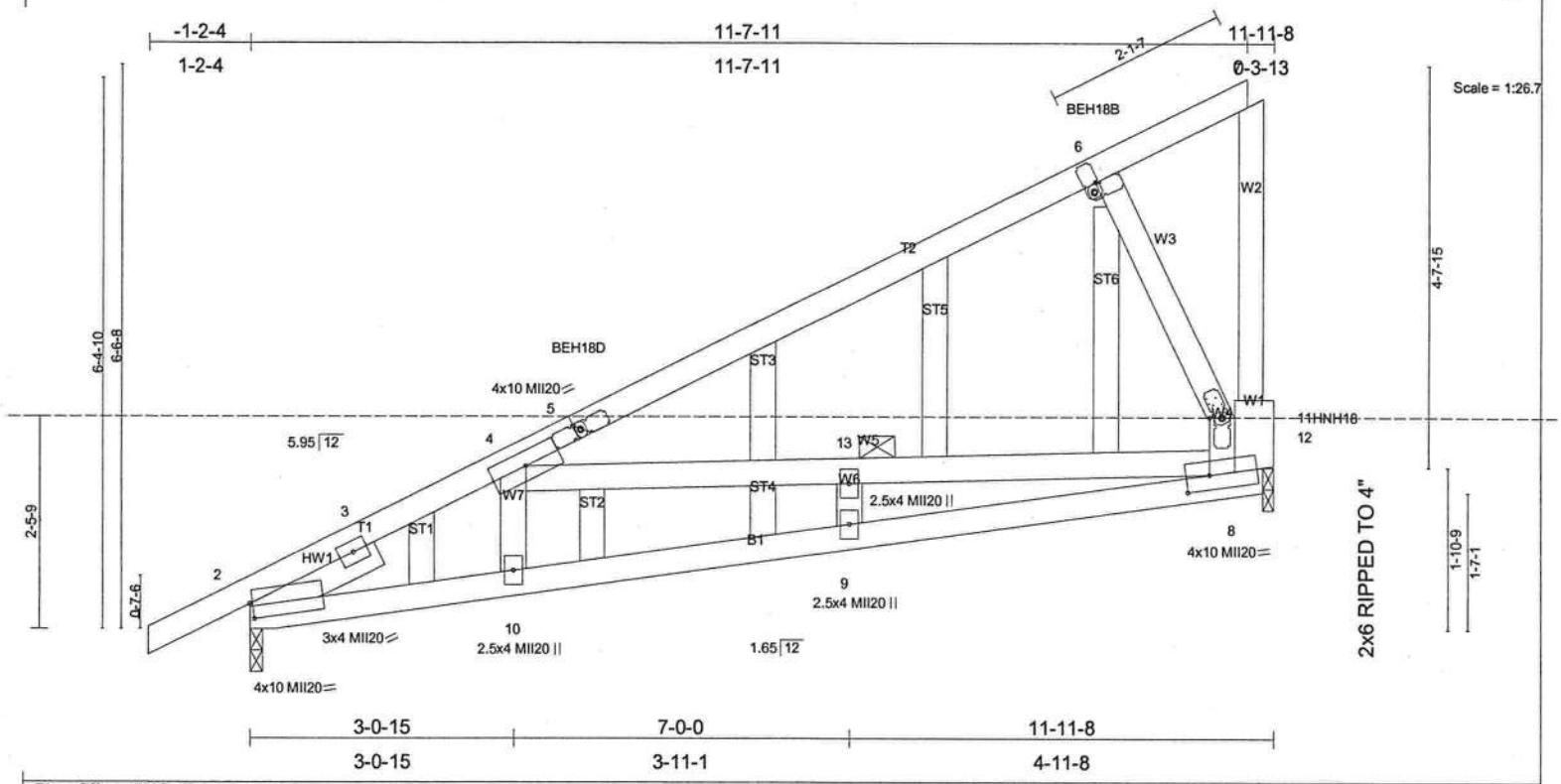


Plate Offsets (X,Y): [2:0-0-6,0-2-3], [5:0-0-11,0-0-14], [6:0-0-11,0-1-2], [8:0-3-4,0-2-0], [12:0-0-12,0-1-9]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.69	Vert(LL)	-0.12	8-9	>999	360	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.39	Vert(TL)	-0.29	8-9	>472	180	MII18	141/138
BCLL	0.0	Rep Stress Incr	YES	WB	0.31	Horz(TL)	-0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 63 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF 1650F 1.5E *Except*
W1 2 X 6 SPF 1650F 1.5E
OTHERS 2 X 4 SPF 1650F 1.5E
SLIDER Left 2 X 4 SPF 1650F 1.5E 1-7-9

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-6 oc bracing.
WEBS 1 Row at midpt 4-8

REACTIONS (lb/size) 2=681/0-1-12, 8=577/0-1-8
Max Horz 2=530(LC 5)
Max Uplift2=-450(LC 5), 8=-531(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-1176/586, 3-4=-1121/603, 4-5=-348/38, 5-6=-198/23, 6-7=-60/0, 8-12=-317/386, 11-12=0/0
BOT CHORD 2-10=-948/986, 9-10=-964/989, 8-9=-964/1001
WEBS 4-10=0/246, 4-13=-799/769, 8-13=-800/768, 6-12=-363/451, 9-13=0/66

NOTES
1) Wind: ASCE 7-02; 130mph (3-second gust); h=30ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are MT20 plates unless otherwise indicated.
5) Attach MiTek HNH18 (Half and Half Plate) on each face of truss with 8d x 1-1/2" common wire nails (0.131" x 1.5") in pre-punched holes provided. All nails holes must be filled (5 Nails per side 10 nails total).
6) See BEH18 DETAILS for plate placement.
7) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
8) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
9) Gable studs spaced at 2-0-0 oc.
10) Bearing at joint(s) 2, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 8.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 450 lb uplift at joint 2 and 531 lb uplift at joint 8.
13) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 8.
14) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	VLG64	GABLE	2	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:47 2008 Page 1

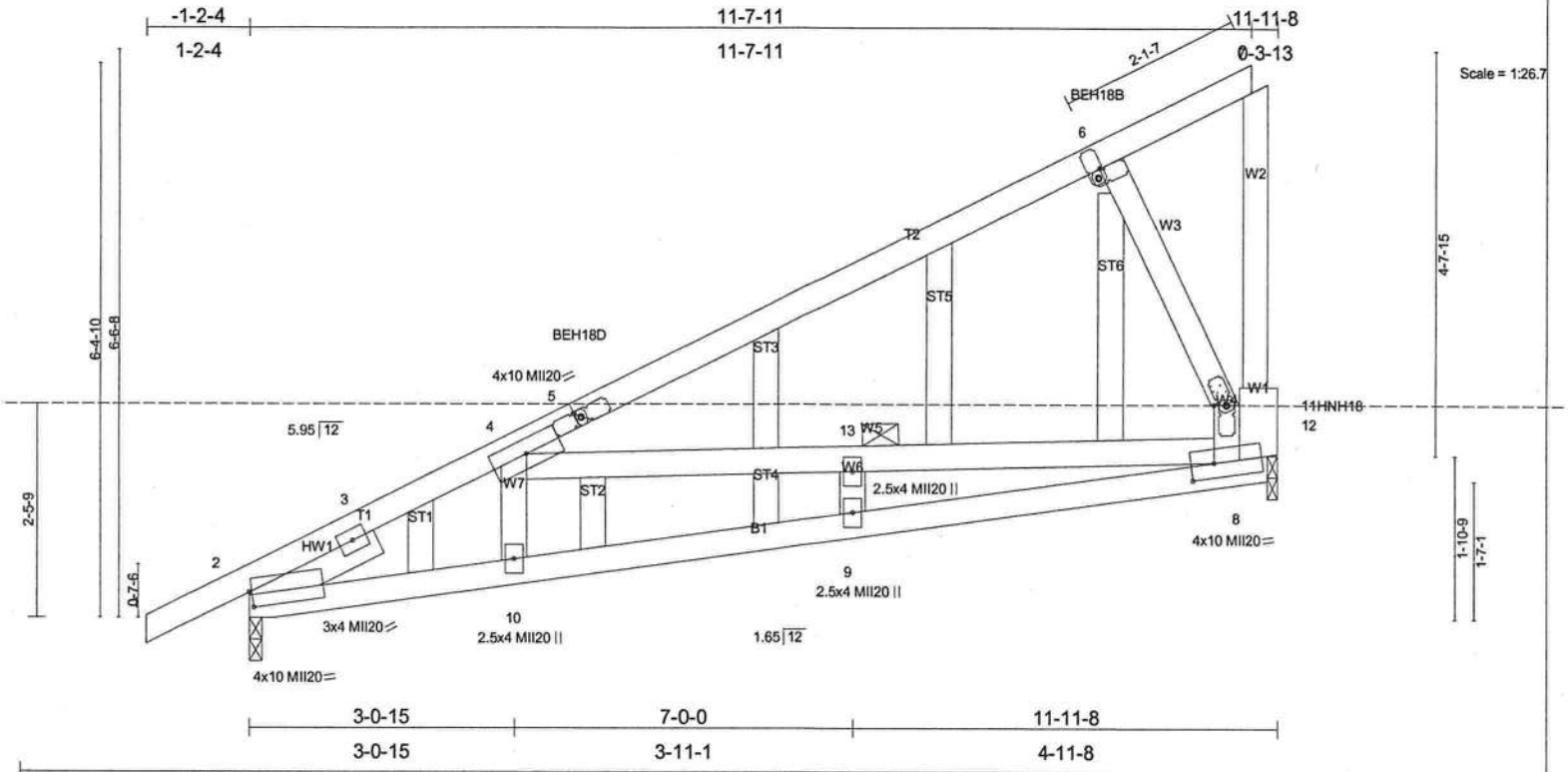


Plate Offsets (X,Y): [2:0-0-6,0-2-3], [5:0-0-11,0-0-14], [6:0-0-11,0-1-2], [8:0-3-4,0-2-0], [12:0-0-12,0-1-9]

LOADING (psf)		SPACING 2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase 1.15	TC	0.69	Vert(LL)	-0.12	8-9	>999	360	MII20	197/144
TCDL	10.0	Lumber Increase 1.15	BC	0.39	Vert(TL)	-0.29	8-9	>472	180	MII18	141/138
BCLL	0.0	Rep Stress Incr YES	WB	0.31	Horz(TL)	-0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002	(Matrix)							Weight: 63 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF 1650F 1.5E *Except*
W1 2 X 6 SPF 1650F 1.5E
OTHERS 2 X 4 SPF 1650F 1.5E
SLIDER Left 2 X 4 SPF 1650F 1.5E 1-7-9

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-6 oc bracing.
WEBS 1 Row at midpt 4-8

REACTIONS (lb/size) 2=681/0-1-12, 8=577/0-1-8
Max Horz 2=530(LC 5)
Max Uplift2=-450(LC 5), 8=-531(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-1176/586, 3-4=-1121/603, 4-5=-348/38, 5-6=-198/23, 6-7=-60/0, 8-12=-317/386, 11-12=0/0
BOT CHORD 2-10=-948/986, 9-10=-964/989, 8-9=-964/1001
WEBS 4-10=0/246, 4-13=-799/769, 8-13=-800/768, 6-12=-363/451, 9-13=0/66

NOTES
1) Wind: ASCE 7-02; 130mph (3-second gust); h=30ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) All plates are MT20 plates unless otherwise indicated.
5) Attach MiTek HNH18 (Half and Half Plate) on each face of truss with 8d x 1-1/2" common wire nails (0.131" x 1.5") in pre-punched holes provided. All nails holes must be filled (5 Nails per side 10 nails total).
6) See BEH18 DETAILS for plate placement.
7) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
8) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
9) Gable studs spaced at 2-0-0 oc.
10) Bearing at joint(s) 2, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2, 8.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 450 lb uplift at joint 2 and 531 lb uplift at joint 8.
13) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 8.
14) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

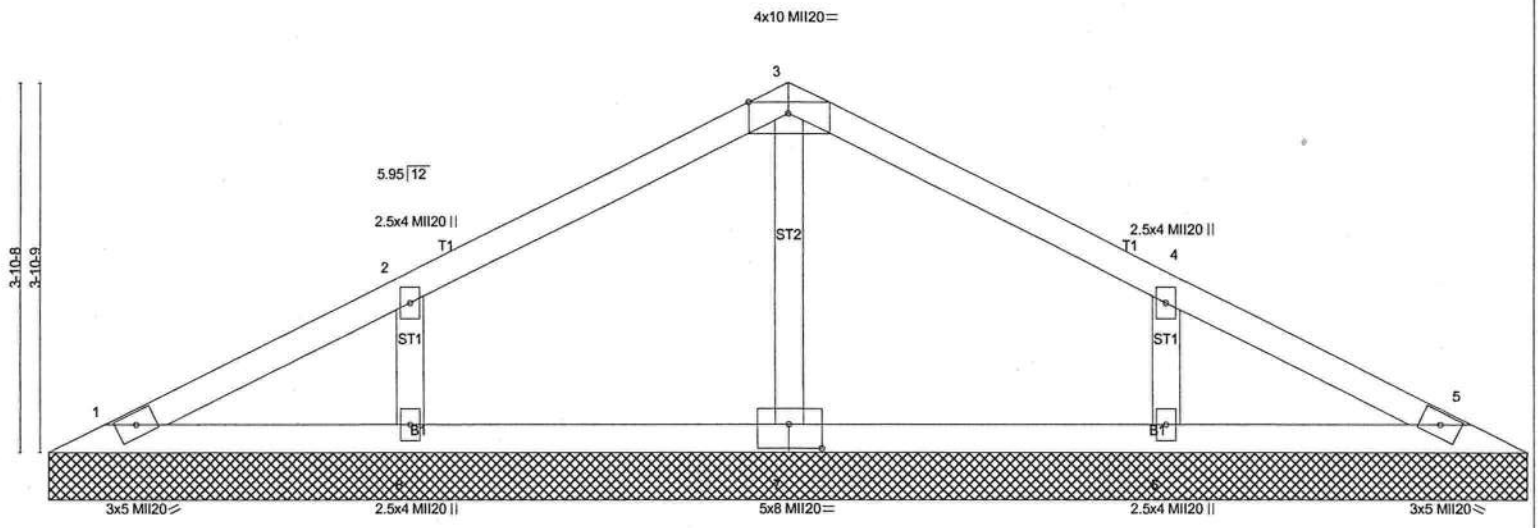
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	VT1	VALLEY	1	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:14 2008 Page 1

7-9-13 | 15-7-11
7-9-13 | 7-9-14

Scale = 1:24.4



15-7-11
15-7-11

Plate Offsets (X,Y): [7:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.19	Vert(LL)	n/a	-	n/a	999	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.08	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 43 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
OTHERS 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=135/15-7-11, 5=135/15-7-11, 7=369/15-7-11, 8=400/15-7-11, 6=400/15-7-11
Max Horz 1=-94(LC 6)
Max Uplift 1=-76(LC 6), 5=-65(LC 6), 7=-120(LC 5), 8=-377(LC 5), 6=-377(LC 6)
Max Grav 1=135(LC 1), 5=135(LC 1), 7=369(LC 1), 8=416(LC 9), 6=416(LC 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-83/61, 2-3=-106/182, 3-4=-107/158, 4-5=-83/46
BOT CHORD 1-8=0/88, 7-8=0/88, 6-7=0/88, 5-6=0/88
WEBS 3-7=-293/168, 2-8=-326/397, 4-6=-326/397

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Gable requires continuous bottom chord bearing.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint 1, 65 lb uplift at joint 5, 120 lb uplift at joint 7, 377 lb uplift at joint 8 and 377 lb uplift at joint 6.

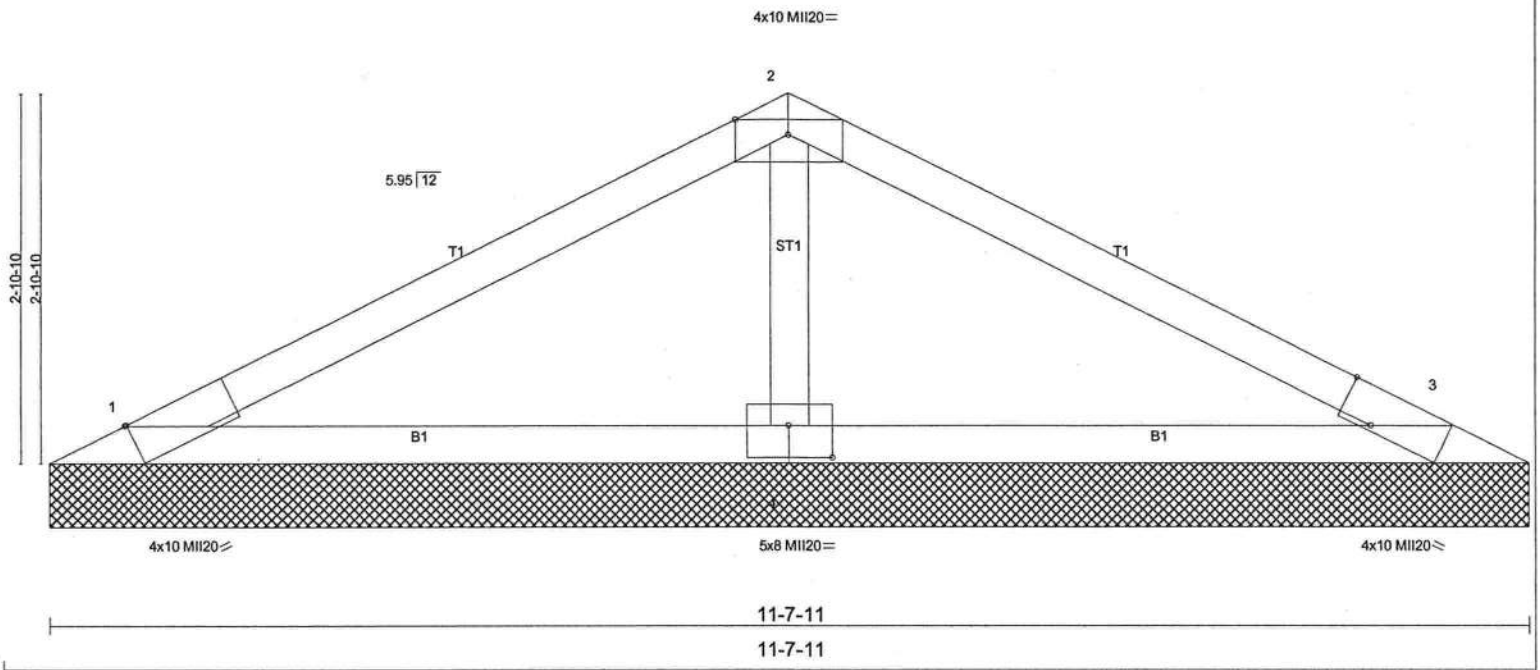
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	VT2	VALLEY	1	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:15 2008 Page 1

5-9-13 | 11-7-11
5-9-13 | 5-9-14

Scale = 1:18.1



11-7-11
11-7-11

Plate Offsets (X,Y): [1:0-0-3,Edge], [3:0-3-2,Edge], [4:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.35	Vert(LL)	n/a	-	n/a	999	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.20	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 29 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
OTHERS 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=220/11-7-11, 3=220/11-7-11, 4=599/11-7-11
Max Horz 1=68(LC 5)
Max Uplift 1=-159(LC 5), 3=-172(LC 6), 4=-334(LC 5)
Max Grav 1=231(LC 9), 3=231(LC 10), 4=599(LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-135/115, 2-3=-136/86
BOT CHORD 1-4=-9/51, 3-4=-9/51
WEBS 2-4=-426/333

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Gable requires continuous bottom chord bearing.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 159 lb uplift at joint 1, 172 lb uplift at joint 3 and 334 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	21941--JLP CORPORATION
21941R1	VT3	VALLEY	1	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:15 2008 Page 1

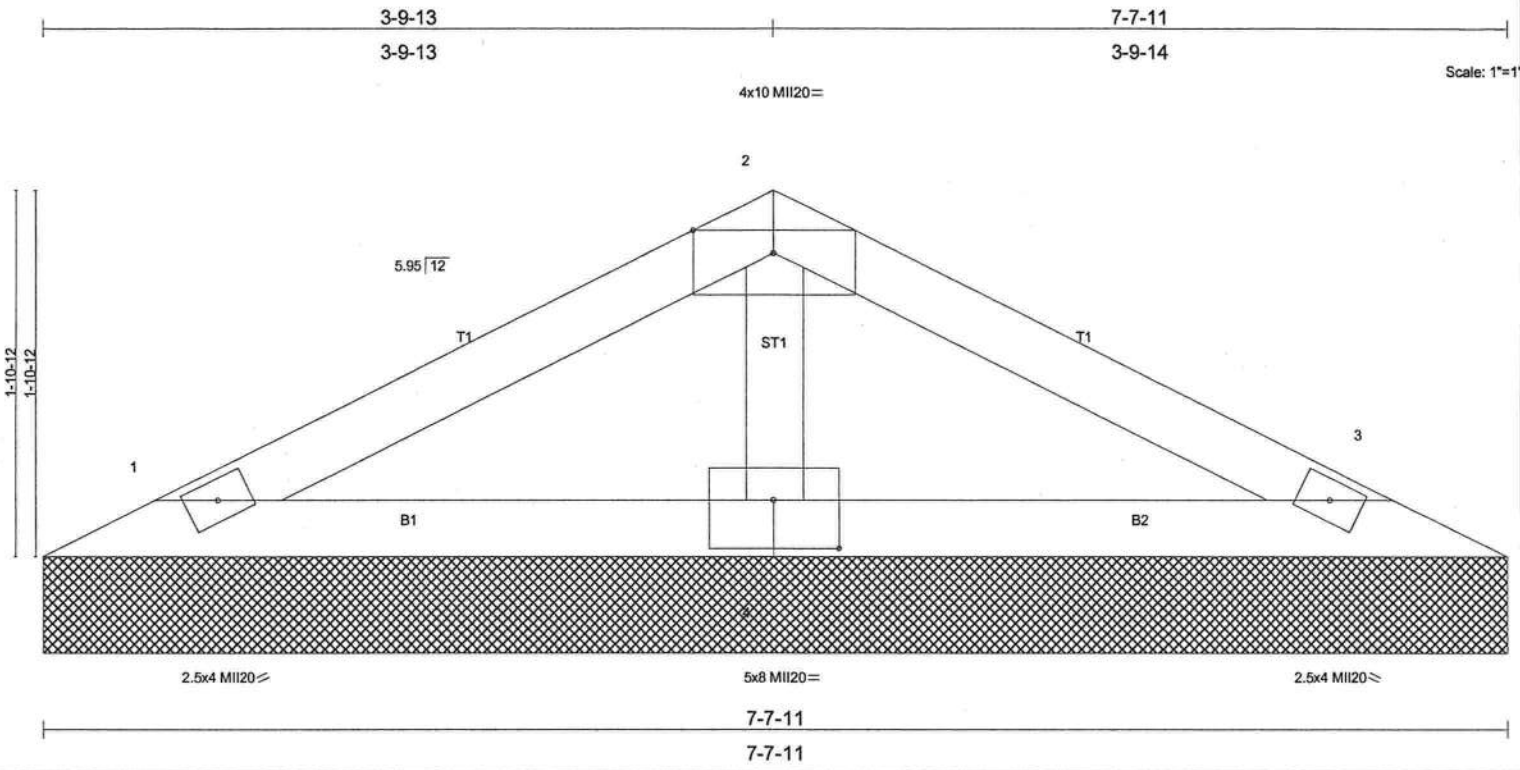


Plate Offsets (X,Y): [4:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.21	Vert(LL)	n/a	-	n/a	999	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.09	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 18 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E
OTHERS 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=164/7-7-11, 3=164/7-7-11, 4=312/7-7-11
Max Horz 1=-42(LC 6)
Max Uplift1=-129(LC 5), 3=-137(LC 6), 4=-142(LC 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-72/71, 2-3=-72/54
BOT CHORD 1-4=-3/29, 3-4=-3/29
WEBS 2-4=-232/182

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Gable requires continuous bottom chord bearing.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 1, 137 lb uplift at joint 3 and 142 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type		Qty	Ply	21941--JLP CORPORATION
21941R1	VT4	VALLEY	3x4 MII20=	1	1	Job Reference (optional)

Wausau Homes, Wausau, WI 54402 — 6.500 s Jan 15 2007 MiTek Industries, Inc. Fri Jun 27 10:10:15 2008 Page 1

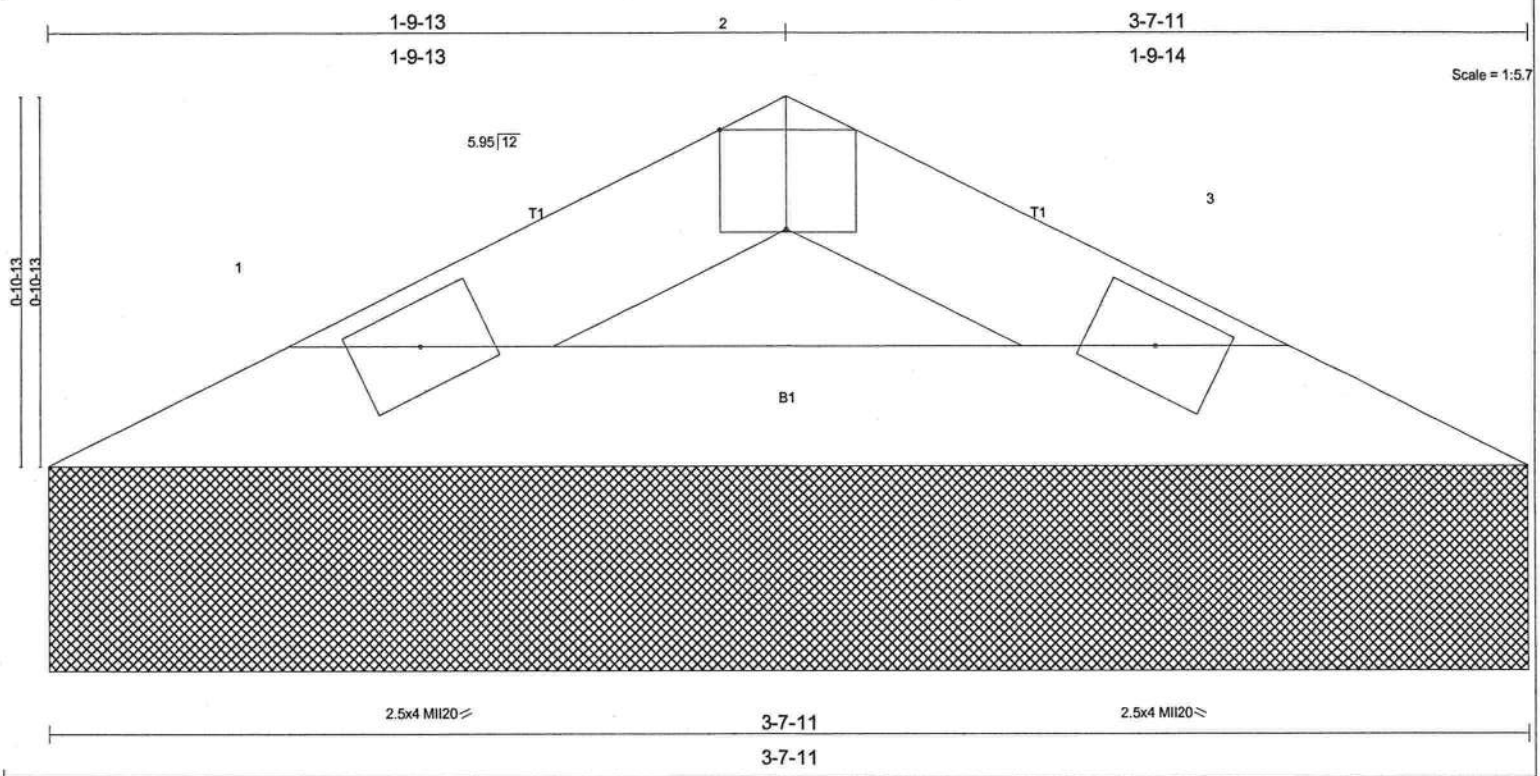


Plate Offsets (X,Y): [2:0-2-0,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plates Increase	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.05	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2004/TPI2002		(Matrix)							Weight: 7 lb	

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF 1650F 1.5E

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-7-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=120/3-7-11, 3=120/3-7-11
Max Horz 1=-16(LC 6)
Max Uplift1=-75(LC 5), 3=-75(LC 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-125/97, 2-3=-125/97
BOT CHORD 1-3=-68/97

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 130mph (3-second gust); h=25ft; TCDL=3.0psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
5) Gable requires continuous bottom chord bearing.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 75 lb uplift at joint 1 and 75 lb uplift at joint 3.

LOAD CASE(S) Standard

BOARD OF COUNTY COMMISSIONERS

OFFICE OF

BUILDING & ZONING

COLUMBIA COUNTY, FLORIDA

CERTIFICATE OF OCCUPANCY RECEIPT

RECEIPT NUMBER / PERMIT NUMBER 000027245 DATE 11/05/2008

APPLICANT TOM LATIMER

OWNER TOM LATIMER

CONTRACTOR TOM LATIMER

PARCEL ID NUMBER 18-4S-17-08479-114 NUMBER OF EXISTING DWELLINGS 0

TYPE OF DEVELOPMENT SFD,UTILITY

HEATED FLOOR AREA 1200.00 TOTAL AREA 1600.00

FEES:

FIRE FEE (5 ACRES OR LESS) 70.62

FIRE FEE (MORE THAN 5 ACRES) _____

WASTE ASSESSMENT FEE 184.25

TOTAL ASSESSMENT FEES CHARGED 254.87

CHECK NUMBER _____

Did not pay

MAKE CHECKS PAYABLE TO: BCC (Board of County Commissioners)

135 NE Hernando Ave., Suite B-21
Lake City, Florida 32055
Phone: 386-758-1008
Fax: 386-758-2160

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 18-4S-17-08479-114 **Building permit No.** 000027245

Use Classification SFD,UTILITY **Fire:** 70.62

Permit Holder TOM LATIMER **Waste:** 184.25

Owner of Building TOM LATIMER **Total:** 254.87

DID NOT PAY

Location: 398 SW HUDSON LANE, LAKE CITY, FL

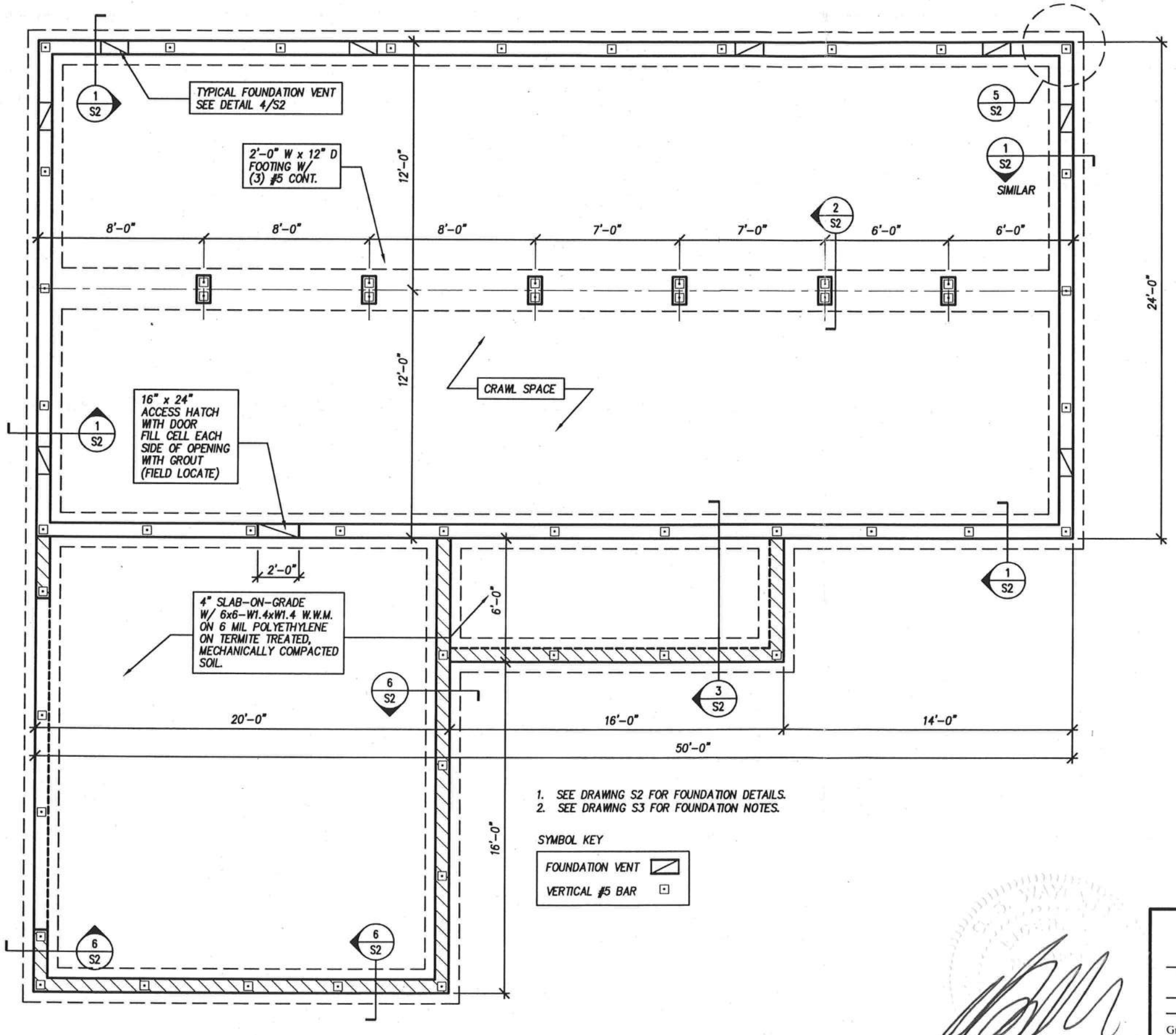
Date: 11/05/2008

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

0807-73



1. SEE DRAWING S2 FOR FOUNDATION DETAILS.
2. SEE DRAWING S3 FOR FOUNDATION NOTES.

SYMBOL KEY

FOUNDATION VENT	▨
VERTICAL #5 BAR	⊡

7/28/08

WSE
WAYLAND
STRUCTURAL ENGINEERING
Gregory S. Wayland, PE
Florida PE #54396
COA #8236
8200 SW 16th Place
Gainesville, FL 32607
Phone (352) 331-0727
Fax (352) 331-0727

DWG. NAME:	FOUNDATION PLAN
SCALE:	3/16" = 1'-0"
PROJECT NAME:	J.L.P. CORPORATION LATIMER RESIDENCE – COLUMBIA COUNTY, FL
PROJECT NO:	08051
DRAWN BY:	GSW
DATE:	7/28/2008
DWG NO.	S1

GENERAL STRUCTURAL NOTES

1. CODE COMPLIANCE: ALL CONSTRUCTION SHALL COMPLY WITH FLORIDA BUILDING CODE, 2004 & 2006 SUPPLEMENT, AND ANY APPLICABLE LOCAL ORDINANCES AND REGULATIONS.

2. STRUCTURE: SIGNING AND SEALING DRAWINGS BY WSE CERTIFIES ONLY THE STRUCTURAL SYSTEMS FOR THIS STRUCTURE AND IS NOT A CERTIFICATION OF ANY CIVIL/SITE WORK, ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING OR OTHER SYSTEMS.

3. CONSTRUCTION DOCUMENTS: STRUCTURAL DRAWINGS ARE PROPERTY OF WSE AND SHALL NOT BE REPRODUCED, REUSED OR ALTERED UNLESS SPECIFICALLY ALLOWED BY WSE.

4. CONSTRUCTION: WSE HAS NO CONSTRUCTION PHASE SUPERVISORY RESPONSIBILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION, AND FOR JOB SITE SAFETY.

5. MODULAR BUILDING: WSE IS NOT RESPONSIBLE FOR DESIGN, CONSTRUCTION, OR PERFORMANCE OF MODULAR BUILDING. DIMENSIONS AND DETAILS FOR MODULAR BUILDING RELIED UPON FOR FOUNDATION DESIGN WERE BASED ON DRAWINGS BY WASSAU HOMES, DATED 6-26-2008, MODEL WHI-70-2FRA-24W-50L, ORDER NO. FL-2FRA-2450.

02300 EARTHWORK

1. GEOTECHNICAL REPORT: SOIL BORINGS AND A GEOTECHNICAL REPORT HAVE NOT BEEN PREPARED FOR THIS SITE. IT IS RECOMMENDED THAT THE OWNER OR CONTRACTOR EMPLOY THE SERVICES OF A GEOTECHNICAL ENGINEER TO PERFORM SOIL BORINGS AND PROVIDE RECOMMENDATIONS FOR PREPARATION OF THE SOILS SPECIFIC TO THIS BUILDING SITE, AND CONFIRM THE SOIL TYPE ASSUMED IN THIS SPECIFICATION. WSE HAS NO KNOWLEDGE OF THE ON-SITE SOILS AND THEREFORE ACCEPTS NO RESPONSIBILITY FOR THEIR BEARING CAPACITY OR PERFORMANCE.

2. BEARING SOIL: SOILS ARE ASSUMED TO BE SANDY SOILS WITH NO ORGANICS, PEAT, CLAY, EXPANSIVE CLAYS, OR BOULDERS. SEASONAL HIGH WATER TABLE IS ASSUMED TO BE AT LEAST TWO FEET BELOW BOTTOM OF FOOTING ELEVATION. ALLOWABLE DESIGN BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF.

3. SITE PREPARATION: STRIP AND GRUB ALL TREES, ROOTS, GRASSES, TOPSOIL, MUCK, ORGANICS, DEBRIS, PAVEMENTS AND OTHER DELETERIOUS MATERIALS TO 5 FEET BEYOND BUILDING LIMITS.

4. PROOF-ROLLING: FOLLOWING SITE PREPARATION, PRIOR TO FILL PLACEMENT, PROOF-ROLL BUILDING FOOTPRINT TO DENSIFY BEARING SOILS AND IDENTIFY AREAS OF LOOSE AND/OR SOFT SOILS. IF LOOSE OR SOFT SOILS ARE ENCOUNTERED, OVERCUT UNSUITABLE MATERIAL AND REPLACE WITH COMPACTED STRUCTURAL FILL. USE FULLY LOADED RUBBER TIRED EQUIPMENT.

5. EXCAVATION: EXCAVATIONS ARE TO BE PERFORMED IN COMPLIANCE WITH CURRENT OSHA REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR EXCAVATION SAFETY. COMPACT ALL EXCAVATION BOTTOMS UNTIL FIRM AND UNYIELDING.

6. FOOTING BEARING: FOOTINGS ARE TO BEAR ON SUITABLE EXISTING SOILS OR PREPARED STRUCTURAL FILL. FOOTINGS SHALL BEAR A MINIMUM OF 12 INCHES BELOW ADJACENT GRADE.

7. GROUND/SURFACE WATER CONTROL: EXCAVATION AND BACKFILL OPERATIONS ARE TO BE MAINTAINED IN A DRY CONDITION. SLOPE OR CROWN EXPOSED BUILDING SUBGRADES TO PROMOTE RUN-OFF AND PREVENT PONDING. SURFACE AND INFILTRATING WATER ARE TO BE REMOVED BY GRADING AND PUMPING FROM SUMPS AS REQUIRED.

8. BACKFILL & COMPACTION: USE ONLY STRUCTURAL FILL FOR GENERAL FILL WITHIN BUILDING FOOTPRINT AND FOR ALL SLAB SUBGRADES. USE ONLY WELL GRADED SAND WITH MAXIMUM 10 PERCENT PASSING #200 SIEVE. PLACE BACKFILL IN MAXIMUM 12 INCH LOOSE LIFTS. USE 4 INCH LOOSE LIFTS WHEN FILL IS COMPACTED WITH WALK-BEHIND PLATE TAMPER. COMPACT UNTIL FIRM AND UNYIELDING.

9. PEST CONTROL: TREAT ALL SLAB SUBGRADES FOR TERMITES PRIOR TO SLAB INSTALLATION. OBTAIN CERTIFICATE OF TREATMENT FOR BUILDING INSPECTOR.

10. EXTERIOR GRADING: EXTERIOR GRADE IS TO BE KEPT MINIMUM 6 INCHES BELOW WOOD SIDING AND/OR FOAM INSULATION. SLOPE EXTERIOR GRADE AWAY FROM BUILDING TO PROMOTE DRAINAGE.

03300 STRUCTURAL CONCRETE

1. GENERAL: ALL CONCRETE CONSTRUCTION SHALL COMPLY WITH FLORIDA BUILDING CODE, 2004 & 2006 SUPPLEMENT, CHAPTER 19, AND ACI 301-99 "SPECIFICATION FOR STRUCTURAL CONCRETE." INSTITUTE HOT WEATHER CONSTRUCTION PROCEDURES WHEN TEMPERATURE IS OVER 90 DEGREES F. INSTITUTE COLD WEATHER CONSTRUCTION PROCEDURES WHEN TEMPERATURE IS BELOW 40 DEGREES F.

2. CONCRETE:
   - A. COMPRESSIVE STRENGTH: (AT 28 DAYS)
     FOOTINGS & SLABS-ON GRADE = 3,000 PSI
   - B. SLUMP: 4 INCHES ±1 INCH.
   - C. WATER/CEMENT RATIO: 0.50 MAX.
   - D. AIR ENTRAINMENT: 3-6 PERCENT FOR MILD EXPOSURE.
   - E. PORTLAND CEMENT: ASTM C 150, TYPE 1.
   - F. FLY ASH: (OPTIONAL) ASTM C 618, CLASS C OR F, 20 % MAX.
   - G. AGGREGATES: ASTM C33.
   - H. WATER: ASTM C94, CLEAN & POTABLE.
   - I. ADMIXTURES: DO NOT USE ADMIXTURES CONTAINING CHLORIDES.

3. REINFORCING STEEL: ASTM A 615, GRADE 40, DEFORMED BARS.
   - A. SEE LAP & BEND SCHEDULE FOR LAP & BEND LENGTHS.
   - B. BAR COVER:
     IN CONTACT WITH GROUND . . . . . 3"
     EXPOSED TO WEATHER . . . . . 2"
   - C. PROVIDE CORNER BARS OR 90 DEGREE BEND AT ALL CORNERS.
   - D. ALL REINFORCING STEEL SHALL BE INSPECTED PRIOR TO CONCRETE PLACEMENT.
   - E. ALL STEEL SHALL BE SUPPORTED ON CHAIRS OR BOLSTERS.

4. WELDED WIRE REINFORCING (W.W.R.)
   - A. USE 6x6-W1.4xW1.4 (6x6-10/10) IN SLABS U.N.O.
   - B. LAP W.W.R. MINIMUM 10 INCHES.
   - C. SUPPORT W.W.R. ON CHAIRS SPACED 3'-0" O.C. EACH WAY.

5. FIBROUS REINFORCING: ASTM C 1116, FIBERMESH "STEALTH" OR "INFORCE e3" PLYPROPYLENE FIBERS BY S.I. CONCRETE SYSTEMS OR EQUIVALENT. FIBROUS REINFORCING MAY BE USED IN SLABS-ON-GRADE INSTEAD OF W.W.R.
   - A. PROVIDE MINIMUM 1.5 LB. OF FIBERS PER CUBIC YARD OF CONCRETE.
   - B. ALLOW ADEQUATE MIXING TIME FOR FIBER TO MIX COMPLETELY.

6. CURING: USE SPRAYED-ON MEMBRANE CURING COMPOUND ON SLABS, ASTM C 309, TYPE 1, SOLVENT FREE, ENSURE COMPATIBILITY WITH FLOOR FINISH. OR PROVIDE CONTINUOUS WATER SPRINKLING FOR MINIMUM 7 DAYS.
   - A. CURING COMPOUND: ASTM C 309, TYPE 1, SOLVENT FREE.
   - B. ENSURE COMPATIBILITY WITH FLOORING ADHESIVES.

7. SLAB CONTRACTION JOINT FILLER: "SIKADUR 51 SL" EPOXY RESIN JOINT FILLER BY SIKA CORP. OR EQUIVALENT. USE ON SLABS-ON-GRADE WHERE JOINTS ARE EXPOSED TO VIEW ONLY.

8. SLAB ISOLATION JOINT FILLER: "SIKAFLEX 2C SL" POLYURETHANE ELASTOMERIC SEALANT BY SIKA CORP. OR EQUIVALENT.

9. SLAB JOINTS: SAW-CUT SLABS ON GRADE IN ROUGHLY 10 FOOT SQUARES WITHIN 4 TO 12 HOURS OF FINISHING SLAB.

10. SLAB CRACKING: AS CONCRETE SLABS-ON-GRADE CURE AND DRY OUT THEY WILL SHRINK CAUSING CRACKS TO FORM ON THE SURFACE OF THE SLAB. W.W.R. OR FIBROUS REINFORCING IS INSTALLED TO HELP LIMIT THE WIDTH OF CRACKS THAT FORM. REPAIR CRACKS OVER 1/8" WIDE THAT DO FORM BY ROUTING AND PLACEMENT OF "SIKADUR 35, HI-MOD LV" EPOXY RESIN ADHESIVE BY SIKA CORP. OR EQUIVALENT.

13. TOLERANCES: TOLERANCES FOR SLAB LEVELNESS AND FLATNESS SHALL BE "CONVENTIONAL STRAIGHTEDGE" IN ACCORDANCE WITH ACI 117. CONTRACTOR SHALL MAKE EVERY EFFORT TO REDUCE SHRINKAGE AND CURLING OF SLABS BY SELECTING APPROPRIATE MIX DESIGN AND ADOPTING APPROPRIATE PLACEMENT, FINISHING AND CURING METHODS.

14. TESTING & INSPECTION: INSPECT ALL REINFORCING FOR SIZE AND PLACEMENT PRIOR TO CONCRETE PLACEMENT.

7/28/08

04200 UNIT MASONRY

1. CODE COMPLIANCE: COMPLY WITH FLORIDA BUILDING CODE, 2004 & 2006 SUPPLEMENT, CHAPTER 21, AND ACI 530.1-99 "SPECIFICATION FOR MASONRY STRUCTURES."

2. CONCRETE MASONRY UNITS (CMU): ASTM C 90, TYPE 1, TWO CORE, NORMAL WEIGHT UNITS, 1,900 PSI NET AREA COMPRESSIVE STRENGTH, f'm = 1,500 PSI.
   - A. INSTALL IN RUNNING BOND ONLY.
   - B. DO NOT WET CMU BEFORE LAYING.
   - C. PROVIDE HALF-LAP BOND AT CORNERS AND INTERSECTIONS.

3. MORTAR: ASTM C 270.
   - A. TYPE S - FOR CONCRETE MASONRY UNITS.
   - B. DO NOT USE MORTAR ADMIXTURES.
   - C. DISCARD UNUSED MORTAR AFTER 2½ HOURS AFTER MIXING.
   - D. USE FULL FACE, WEB AND HEAD BEDDING.

4. GROUT: ASTM C 476, FINE OR COARSE GROUT, MINIMUM 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, 8-11 INCH SLUMP.
   - A. HIGH AND LOW LIFT GROUT POURS ARE ACCEPTABLE.
   - B. POURS LESS THAN 5 FEET HIGH ARE LOW LIFT AND DO NOT REQUIRE CLEANOUTS AT BASE OF WALL.
   - C. MECHANICALLY CONSOLIDATE ALL GROUT POURS.

5. JOINT REINFORCING (OPTIONAL): ASTM A 951, LADDER TYPE, HOT-DIP GALVANIZED (1.50 OZ./SF) PER ASTM A 153, CLASS B, 9 GAUGE WIRES.
   - A. INSTALL IN EVERY OTHER COURSE OF CMU (16 INCHES O.C.)

6. REINFORCING STEEL: ASTM A 615, GRADE 60, DEFORMED BARS.
   - A. PROVIDE STANDARD HOOK INTO FOOTINGS FOR VERTICAL BARS.
   - B. PROVIDE STANDARD HOOK INTO BOND BEAM AT TOP OF WALL.
   - C. PROVIDE 90 DEGREE BEND OR CORNER BAR AT ALL CORNERS.
   - D. LAP ALL BARS MINIMUM 48 BAR DIAMETERS.
   - E. CENTER VERTICAL BARS IN CELL UNLESS NOTED OTHERWISE.
   - F. MAINTAIN ½ INCH CLEAR BETWEEN CMU AND FACE OF BARS.

7. ANCHORS, TIES, ACCESSORIES: PROVIDE ANCHORS, TIES AND ACCESSORIES THAT COMPLY WITH THE FOLLOWING SPECIFICATIONS:
   - A. PLATE & BENT BAR ANCHORS: ASTM A 36.
   - B. SHEET METAL ANCHORS & TIES: ASTM A 1008.
   - C. WIRE TIES & ANCHORS: ASTM A 82.
   - D. ANCHOR BOLTS: ASTM A 307 OR A 36, Fy = 36 KSI.
   - E. PROVIDE HOT-DIP GALVANIZING FOR ALL ANCHORS, TIES & ACCESSORIES IN EXTERIOR WALLS.

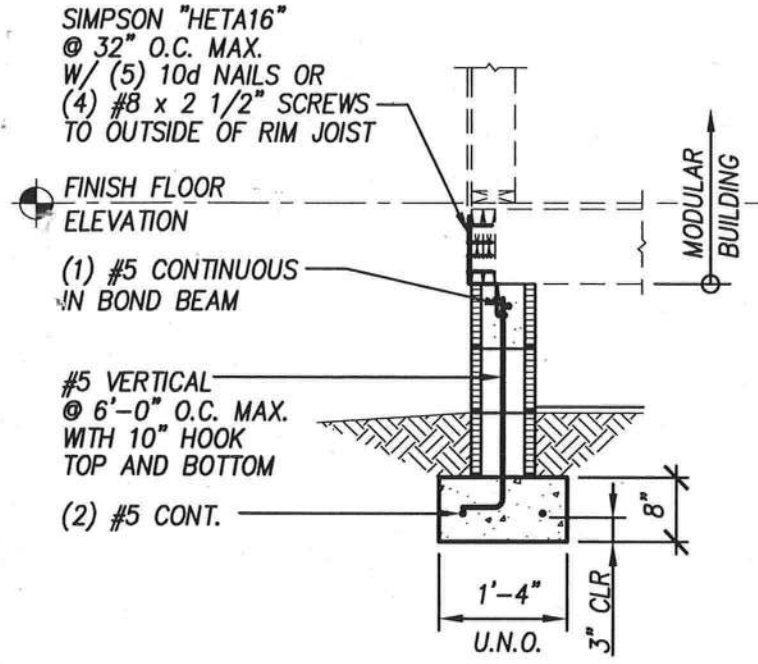
8. HOT & COLD WEATHER CONSTRUCTION:
   - A. INSTITUTE "HOT WEATHER CONSTRUCTION PROCEDURES" WHEN TEMPERATURE IS OVER 90 DEGREES F.
   - B. INSTITUTE "COLD WEATHER CONSTRUCTION PROCEDURES" WHEN TEMPERATURE IS BELOW 40 DEGREES F.

9. LOADING: DO NOT APPLY UNIFORM LOADS TO MASONRY UNTIL 3 DAYS AFTER COMPLETION OF CONSTRUCTION. DO NOT APPLY CONCENTRATED LOADS FOR AT LEAST 7 DAYS.

10. TESTING & INSPECTION: INSPECT ALL REINFORCEMENT FOR SIZE AND PLACEMENT PRIOR TO GROUT PLACEMENT.

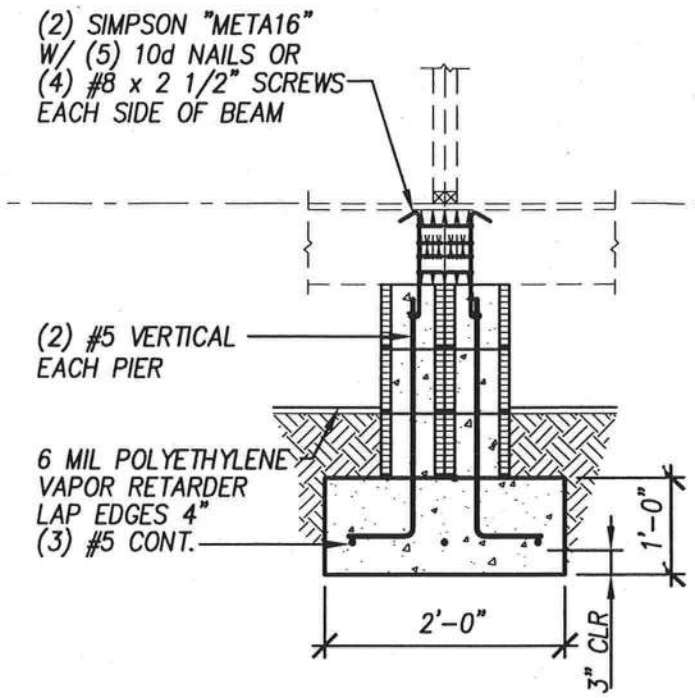
wse
WAYLAND
STRUCTURAL ENGINEERING
Gregory S. Wayland, PE
Florida PE #54396
COA #8236
8200 SW 16th Place
Gainesville, FL 32607
Phone (352) 331-0727
Fax (352) 331-0727

DWG. NAME:	FOUNDATION NOTES
SCALE:	N.T.S.
PROJECT NAME:	J.L.P. CORPORATION LATIMER RESIDENCE - COLUMBIA COUNTY, FL
PROJECT NO:	08051
DRAWN BY:	GSW
DATE:	7/28/2008
DWG NO.	S3



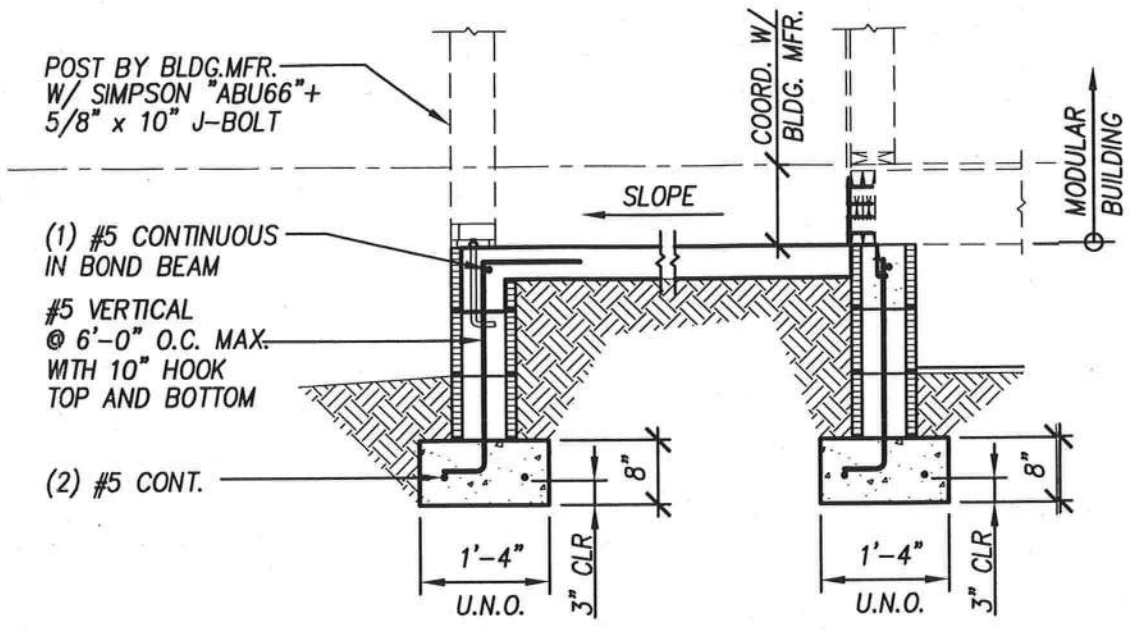
1 Typical Foundation Wall

SCALE 1/2" = 1'-0"



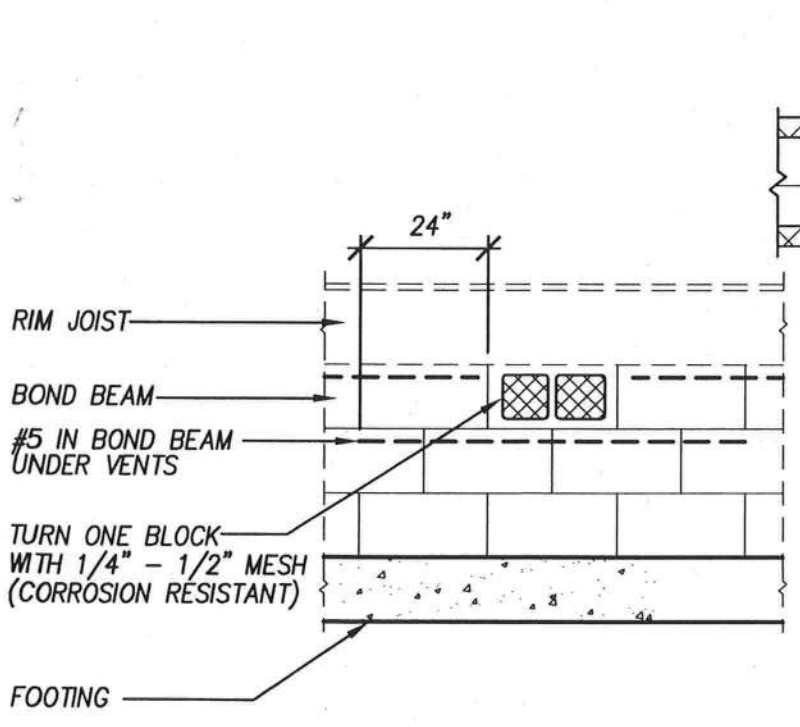
2 Typical Interior Pier

SCALE 1/2" = 1'-0"



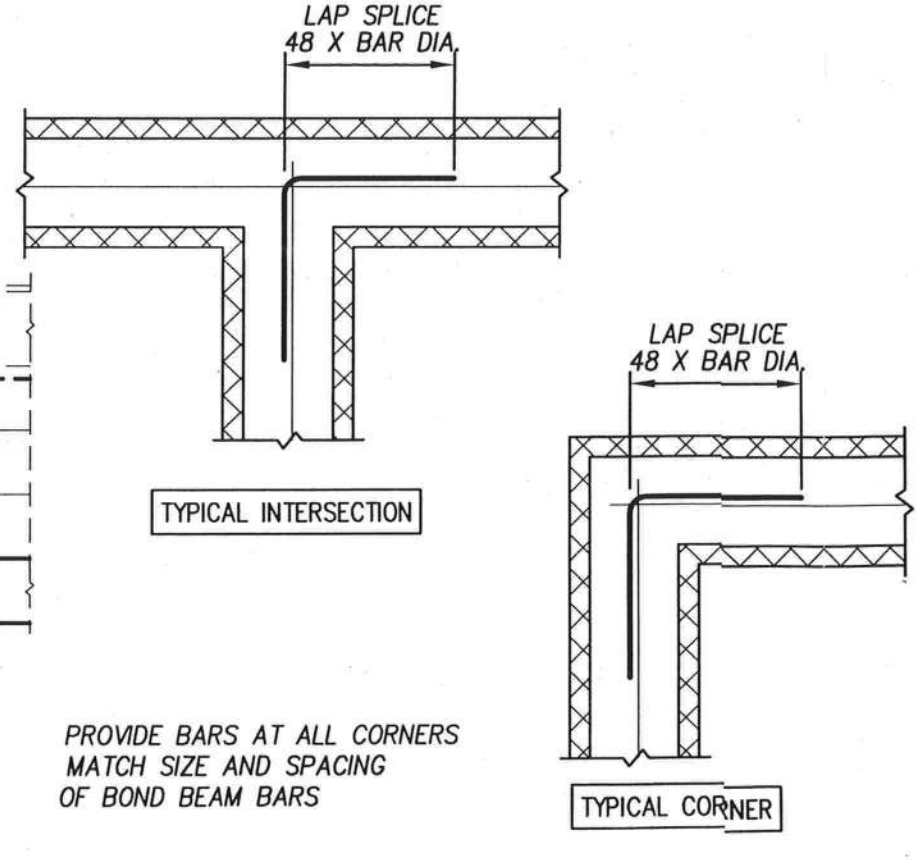
3 Porch Section

SCALE 1/2" = 1'-0"



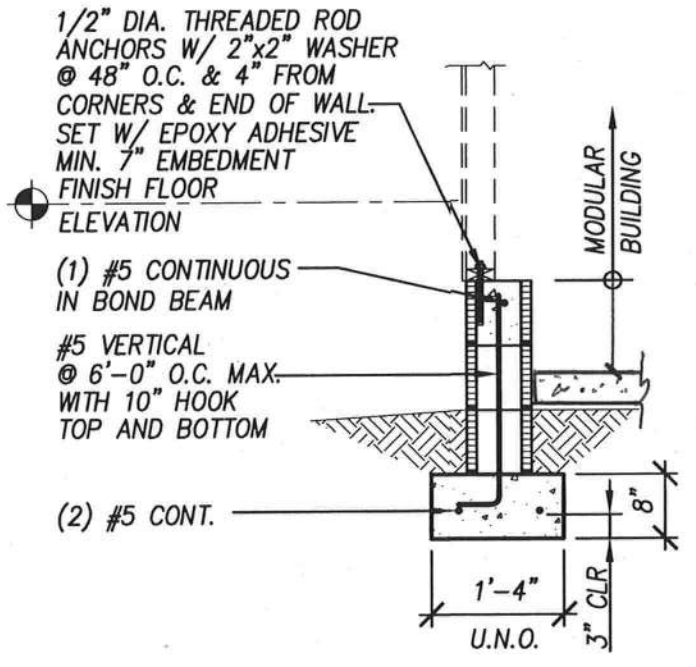
4 Typ. Foundation Vent

SCALE 1/2" = 1'-0"



5 Typical Corner Bars

SCALE 1/2" = 1'-0"



6 Garage Foundation Wall

SCALE 1/2" = 1'-0"

7/28/08

wse
WAYLAND
STRUCTURAL ENGINEERING
Gregory S. Wayland, PE
Florida PE #54396
COA #8236
8200 SW 16th Place
Gainesville, FL 32607
Phone (352) 331-0727
Fax (352) 331-0727

DWG. NAME:	FOUNDATION DETAILS
SCALE:	VARIES
PROJECT NAME:	J.L.P. CORPORATION LATIMER RESIDENCE – COLUMBIA COUNTY, FL
PROJECT NO:	08051
DRAWN BY:	GSW
DATE:	7/28/2008
DWG NO.	S2