

DATE 05/04/2009

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000027790

APPLICANT B. TRENT GIEBEIG PHONE 386.397.0545
ADDRESS 697 SE HOLLY TERRACE LAKE CITY FL 32025
OWNER ALECIA L. CROFT PHONE 386.623.0276
ADDRESS 601 SW BRODERICK DRIVE LAKE CITY FL 32025
CONTRACTOR B. TRENT GIEBEIG PHONE 386.397.0545
LOCATION OF PROPERTY 47-S TO BRODERICK, TR 2ND FROM END ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 141500.00
HEATED FLOOR AREA 2044.00 TOTAL AREA 2830.00 HEIGHT 25.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 5'12 FLOOR CONC
LAND USE & ZONING RSF-1 MAX. HEIGHT 35
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-17-08466-109 SUBDIVISION SADDLE OF THE SOUTH ESTATES
LOT 9 BLOCK PHASE UNIT TOTAL ACRES 1.50

000001729 R282811523
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
WAIVER 09-0248 BLK WR N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 4197

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 Insulation 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 Pool date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 710.00 CERTIFICATION FEE \$ 14.15 SURCHARGE FEE \$ 14.15
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 813.30
INSPECTORS OFFICE CLERKS OFFICE

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 NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

Columbia County Building Permit Application

For Office Use Only Application # 0904-45 Date Received 4/29 By JW Permit # 17291 27790
 Zoning Official BK Date 04.05.09 Flood Zone A BX Land Use RU20 Zoning RSF-1
 FEMA Map # N/A Elevation N/A MFE 18 inch River N/A Plans Examiner WE Date 5-4-09
 Comments _____
☐ 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 _____ Fire _____ Corr _____ Road/Code _____
 School _____ = TOTAL 0 SUSPENDED

Septic Permit No. -09-0248 Fax 754-9601
 Name Authorized Person Signing Permit Trent Gieberg Phone 397-0545
 Address 697 SE Holly Terrace, Lake City, FL 32025
 Owners Name Alecia L Croft Phone 386-623-0276
 911 Address 601 SW Broderick Drive Lake City, FL 32025
 Contractors Name Trent Gieberg Construction Inc Phone 752-0791
 Address 697 SE Holly Terrace Lake City FL 32025
 Fee Simple Owner Name & Address Alecia L Croft 786 SE Peacock Terrace Lake City 32025
 Bonding Co. Name & Address Columbia Bank PO Box 1609 32056
 Architect/Engineer Name & Address Matth. Humphries P.E. #51976 7932 240th St O'Brien FL 320
 Mortgage Lenders Name & Address Columbia Bank
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy
 Property ID Number R-08466-109 (18-45-17) Estimated Cost of Construction 175,000
 Subdivision Name Saddle of the South Estates Lot 9 Block _____ Unit _____ Phase _____
 Driving Directions South on State Road 47 Right on Brodrick
Job on right 2nd from end

Number of Existing Dwellings on Property - 0 -
 Construction of Frame SFD Total Acreage 1.15 Lot Size 1.15
 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 25'
 Actual Distance of Structure from Property Lines - Front 27 Side 52.3 Side 68.8 Rear 139.3
 Number of Stories 1 Heated Floor Area 2044 Total Floor Area 2830 Roof Pitch 5, 5:12

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.

4197 - 4198 @ 50.00 - Waiver

JW called Trent on 5.4.09

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 COMMENCEMENT 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.

Alcia Ceft
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.

Jeffery
Contractor's Signature (Permittee)

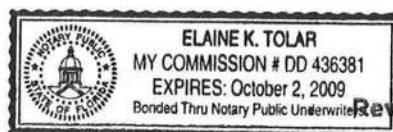
Contractor's License Number RR282811523
Columbia County
Competency Card Number 000141

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 30 day of April 2009

Personally known X or Produced Identification _____

Elaine K. Tolar
State of Florida Notary Signature (For the Contractor)

SEAL:





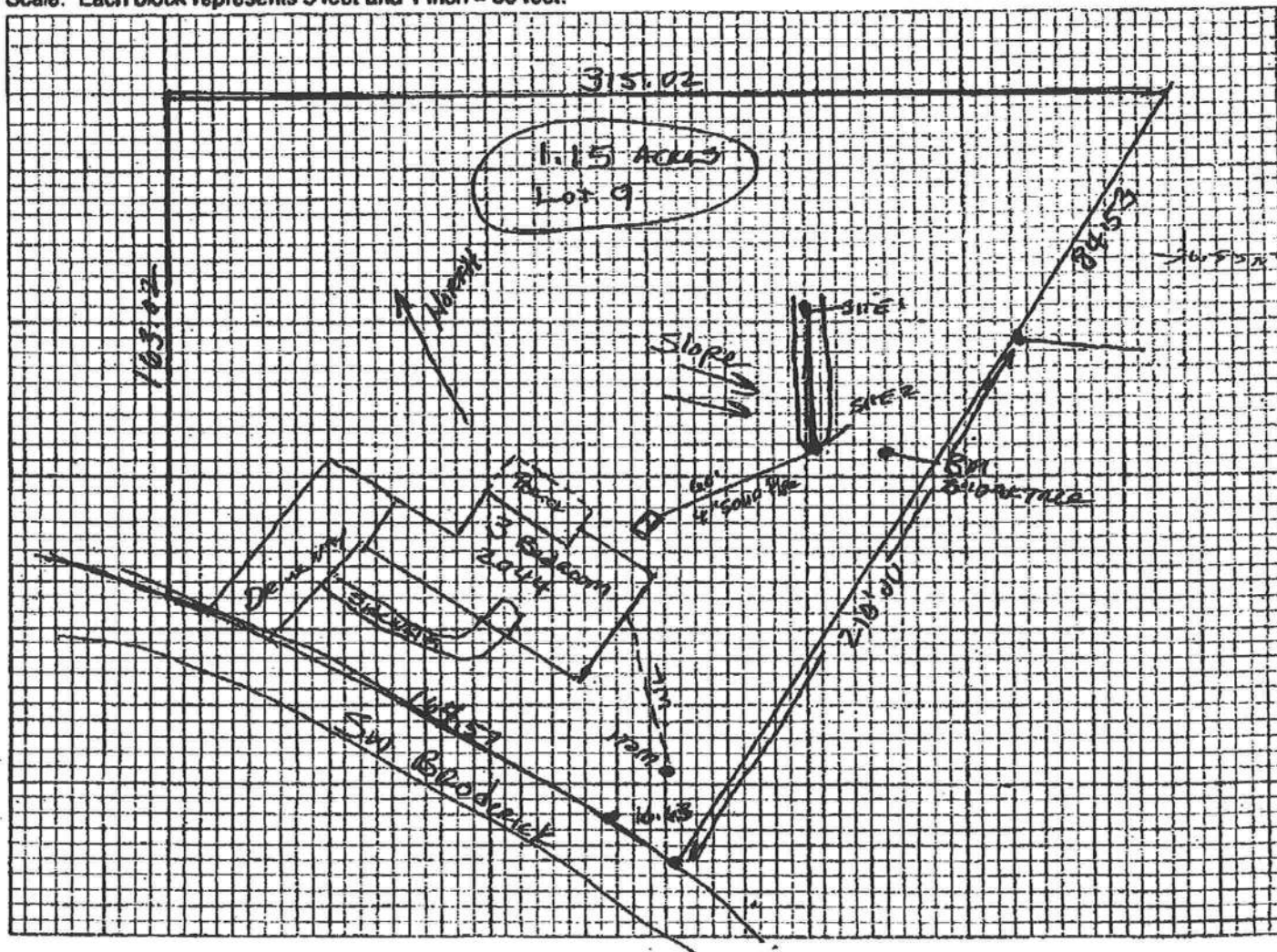
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

09-0248

PART II - SITE PLAN.

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



Notes:

ALECIA L CROFT (TRUMP GRIEBERG)

Lot 9 saddle of the south

18-45-17-08466-109

Site Plan submitted by:

Robert W. J. P.
Signature

Signature _____

Plan Approved

✓

Not Approved

By

$M_n \propto 2^n$

Calculation

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

PREPARED BY AND RETURN TO:

TERRY McDAVID - 07-91
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2007006424 Date:03/20/2007 Time:16:05

Doc Stamp-Deed : 413.00

57 DC,P.DeWitt Cason,Columbia County B:1114 P:349

Property Appraiser's
Identification Number R-08466-109

WARRANTY DEED

This Warranty Deed, made this 19th day of March, 2007, BETWEEN DANIEL A. GONZALEZ and MANDI T. GONZALEZ, Husband and Wife whose post office address is 215 SW Broderick Drive, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantor*, and ALECIA L. CROFT, whose post office address is 786 SE Peacock Terrace, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantee*.

(Whenever used herein the terms "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, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 9, Saddle of the South Estates, a subdivision according to the plat thereof as recorded in Plat Book 6, Page 64, public records, Columbia County, Florida.


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.

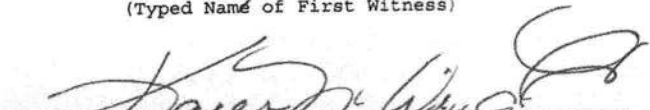
And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:


(Signature of First Witness)
TERRY McDAVID
(Typed Name of First Witness)

 (SEAL)
DANIEL A. GONZALEZ



(Signature of Second Witness)
Karen M. Wright
(Typed Name of Second Witness)

 (SEAL)
MANDI T. GONZALEZ

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 19th day of March, 2007, by DANIEL A. GONZALEZ and MANDI T. GONZALEZ, Husband and Wife who is/are personally known to me or who has/have produced _____ as identification and who did not take an oath.

My Commission Expires:


Notary Public
Printed, typed, or stamped name:



Nov 06 07 12:04p

Lynch Well Drilling

386-752-1477

P. 2

Water Wells
Pumps & Service

Phone: (386) 752-6677
Fax: (386) 752-1477

Lynch Well Drilling, Inc.

173 SW Young Place
Lake City, FL 32025
www.lynchwelldrilling.com

November 6, 2007

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the above-referenced well:

Size of Pump Motor:	1 Horse Power
Size of Pressure Tank:	81-Gallon Bladder Tank
Cycle Stop Valve Used:	No

Should you require any additional information, please contact us.

Sincerely,



Linda Newcomb
Lynch Well Drilling, Inc.

Columbia County Property Appraiser

DB Last Updated: 4/27/2009

2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 18-4S-17-08466-109

Search Result: 1 of 1

Owner & Property Info

Owner's Name	CROFT ALECIA L		
Site Address	SADDLE OF THE		
Mailing Address	786 SE PEACOCK TERR LAKE CITY, FL 32025		
Use Desc. (code)	VACANT (000000)		
Neighborhood	018417.01	Tax District	2
UD Codes	MKTA06	Market Area	06
Total Land Area	0.000 ACRES		
Description	LOT 9 SADDLE OF THE SOUTH ESTATES S/D. ORB 751-2137, 780-018, WD 997-1672. WD 1064- 471, WD 1114-349.		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$40,500.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$40,500.00

Just Value	\$40,500.00
Class Value	\$0.00
Assessed Value	\$40,500.00
Exemptions	\$0.00
Total Taxable Value	County: \$40,500.00 City: \$40,500.00 Other: \$40,500.00 School: \$40,500.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/19/2007	1114/349	WD	V	Q		\$59,000.00
10/31/2005	1064/471	WD	V	Q		\$39,500.00
9/26/2003	997/1672	WD	V	Q		\$18,000.00
3/29/1993	780/18	WD	V	U	12	\$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	0000001.000 LT - (0000000.000AC)	1.00/1.00/1.50/1.00	\$40,500.00	\$40,500.00

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: Croft Residence
 Street: 601 SW Broderick
 City, State, Zip: Lake city, FL, 32025-
 Owner:
 Design Location: FL, Gainesville

Builder Name: Trent Geibeig
 Permit Office:
 Permit Number: 27790
 Jurisdiction: 22000

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	3
5. Is this a worst case?	Yes
6. Conditioned floor area (ft ²)	2044
7. Windows	Description Area
a. U-Factor:	Dbl, U=0.55 126.00 ft ²
SHGC:	SHGC=0.60
b. U-Factor:	Dbl, U=0.80 124.00 ft ²
SHGC:	SHGC=0.70
c. U-Factor:	N/A ft ²
SHGC:	
d. U-Factor:	N/A ft ²
SHGC:	
e. U-Factor:	N/A ft ²
SHGC:	
8. Floor Types	Insulation Area
a. Slab-On-Grade Edge Insulation	R=0.0 2044.00 ft ²
b. N/A	R= ft ²
c. N/A	R= ft ²

9. Wall Types	Insulation Area
a. Frame - Wood, Exterior	R=13.0 1941.00 ft ²
b. N/A	R= ft ²
c. N/A	R= ft ²
d. N/A	R= ft ²
10. Ceiling Types	Insulation Area
a. Under Attic (Vented)	R=30.0 2044.00 ft ²
b. N/A	R= ft ²
c. N/A	R= ft ²
11. Ducts	
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 408.8 ft ²	
12. Cooling systems	
a. Central Unit	Cap: 36 kBtu/hr SEER: 14
13. Heating systems	
a. Electric Heat Pump	Cap: 36 kBtu/hr HSPF: 7.7
14. Hot water systems	
a. Electric	Cap: 40 gallons EF: 0.92
b. Conservation features	
None	
15. Credits	Pstat

Glass/Floor Area: 0.122

Total As-Built Modified Loads: 34.23

Total Baseline Loads: 42.55

PASS

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

PREPARED BY: Celina MotesDATE: 4-2-09

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.



BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with N1110.A.3.

PROJECT

Title:	Croft Residence	Bedrooms:	3	Address Type:	Street Address
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:		Conditioned Area:	2044	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:	Trent Geibeig	Worst Case:	Yes	Street:	601 SW Broderick
Permit Office:		Rotate Angle:	90	County:	Columbia
Jurisdiction:		Cross Ventilation:		City, State, Zip:	Lake city ,
Family Type:	Single-family	Whole House Fan:			FL , 32025-
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
✓	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
✓	1	Slab-On-Grade Edge Insulatio	241 ft	0	2044 ft²	0.2	0.2	0.6

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
✓	1	Hip	Composition shingles	2214 ft²	0 ft²	Medium	0.96	No	0	22.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Vented	300	2044 ft²	Y	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
✓	1	Under Attic (Vented)	30	2044 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
✓	1	N	Exterior	Frame - Wood	13	708 ft²		0.23	0.75
✓	2	S	Exterior	Frame - Wood	13	513 ft²		0.23	0.75
✓	3	E	Exterior	Frame - Wood	13	369 ft²		0.23	0.75
✓	4	W	Exterior	Frame - Wood	13	351 ft²		0.23	0.75

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
✓	1	N	Insulated	None	0.46	20 ft²
✓	2	S	Insulated	None	0.46	40 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	N	Metal	Low-E Double	Yes	0.55	0.6	N	126 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None
✓	2	S	Metal	Low-E Double	Yes	0.8	0.7	N	20 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None
✓	3	S	Metal	Low-E Double	Yes	0.8	0.7	N	12 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None
✓	4	S	Metal	Low-E Double	Yes	0.8	0.7	N	20 ft²	8 ft 0 in	1 ft 5 in	HERS 2006	None
✓	5	S	Metal	Low-E Double	Yes	0.8	0.7	N	12 ft²	8 ft 0 in	1 ft 5 in	HERS 2006	None
✓	6	W	Metal	Low-E Double	Yes	0.8	0.7	N	60 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM Exhaust CFM		Run Time Fraction	Fan Watts
✓	Default	0.00036	1930	6.30	106.0	199.3	0 cfm	0 cfm	0	0

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
✓	1	470.8 ft²	470.8 ft²	64 ft	9.6 ft	11

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
✓	1	Central Unit	None	SEER: 14	36 kBtu/hr	1080 cfm	0.75	False

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
✓	1	Electric Heat Pump	None	HSPF: 7.7	36 kBtu/hr	False

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
✓	None	None			ft²		

DUCTS

✓	#	--- Supply ---		--- Return ---		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
		Location	R-Value	Area	Location	Area					
	1	Attic	6	408.8 ft	Attic	102.2 ft	Default Leakage	Interior			

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 601 SW Broderick
Lake city, FL, 32025-

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.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	N1106.AB.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	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 80

The lower the EnergyPerformance Index, the more efficient the home.

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Frame - Wood, Exterior	R=13.0	1941.00 ft ²
3. Number of units, if multiple family	1		b. N/A	R=	ft ²
4. Number of Bedrooms	3		c. N/A	R=	ft ²
5. Is this a worst case?	Yes		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	2044		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=30.0	2044.00 ft ²
a. U-Factor:	Dbl, U=0.55	126.00 ft ²	b. N/A	R=	ft ²
SHGC:	SHGC=0.60		c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.80	124.00 ft ²	11. Ducts		
SHGC:	SHGC=0.70		a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 408.8 ft ²		
c. U-Factor:	N/A	ft ²	12. Cooling systems		
SHGC:			a. Central Unit	Cap: 36 kBtu/hr	
d. U-Factor:	N/A	ft ²		SEER: 14	
SHGC:			13. Heating systems		
e. U-Factor:	N/A	ft ²	a. Electric Heat Pump	Cap: 36 kBtu/hr	
SHGC:				HSPF: 7.7	
8. Floor Types	Insulation	Area	14. Hot water systems		
a. Slab-On-Grade Edge Insulation	R=0.0	2044.00 ft ²	a. Electric	Cap: 40 gallons	
b. N/A	R=	ft ²		EF: 0.92	
c. N/A	R=	ft ²	b. Conservation features		
			None		
			15. Credits		Pstat

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 Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for 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 energygauge.com 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.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

PRODUCT APPROVAL SPECIFICATION SHEET

Location: Lake City 601 SW Broderick Project Name: Croft

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 www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS	<u>Johnson</u>		<u>FL 4242-R1</u>
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	Alenco <u>Alenco</u>	<u>FL 9987-R1</u>	FL 9987-R1
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			<u>FL 889-R0</u>
2. Soffits			<u>FL 4899</u>
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	<u>EIK</u>		<u>FL 586-R0</u>
2. Underlayments			<u>FL 1814-R1</u>
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
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

Trent Gieberg 4-28-0
 Print Name Date



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS**

**MINIMUM PLAN REQUIREMENTS FOR THE
FLORIDA BUILDING CODE RESIDENTIAL 2007
ONE (1) AND TWO (2) FAMILY DWELLINGS**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE 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 FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) SHALL BE USED.

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

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

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Circled as Applicable		
			Yes	No	N/A
1	Two (2) complete sets of plans containing the following:		<input checked="" type="checkbox"/>		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		<input checked="" type="checkbox"/>		
3	Condition space (Sq. Ft.) 2044	Total (Sq. Ft.) under roof 2830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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 as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	<input checked="" type="checkbox"/>		
5	Dimensions of all building set backs	<input checked="" type="checkbox"/>		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	<input checked="" type="checkbox"/>		
7	Provide a full legal description of property.	<input checked="" type="checkbox"/>		

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		IIIIII	IIII	IIIIII
		YES	NO	N/A
8	Plans or specifications must show compliance with FBCR Chapter 3	/		
9	Basic wind speed (3-second gust), miles per hour	/		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	/		
11	Wind importance factor and nature of occupancy	/		
12	The applicable internal pressure coefficient, Components and Cladding	/		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	/		

Elevations Drawing including:

14	All side views of the structure	/		
15	Roof pitch	/		
16	Overhang dimensions and detail with attic ventilation	/		
17	Location, size and height above roof of chimneys	/		
18	Location and size of skylights with Florida Product Approval	/		
18	Number of stories	/		
20A	Building height from the established grade to the roofs highest peak	/		

Floor Plan including:

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

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

GENERAL REQUIREMENTS:
APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
 Each Box shall be
 Circled as
 Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	/		
30	All posts and/or column footing including size and reinforcing	/		
31	Any special support required by soil analysis such as piling.		/	
32	Assumed load-bearing value of soil <u>1500</u> Pound Per Square Foot	/		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	/		

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

36	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	/		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	/		
38	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

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			
42	Attachment of joist to girder			
43	Wind load requirements where applicable			
44	Show required under-floor crawl space			
45	Show required amount of ventilation opening for under-floor spaces			
46	Show required covering of ventilation opening			
47	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 &			

48	intermediate of the areas structural panel sheathing			
49	Show Draftstopping, Fire caulking and Fire blocking			
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			
51	Provide live and dead load rating of floor framing systems (psf).			

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	/		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	/		
54	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	/		
55	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	/		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	/		
57	Indicate where pressure treated wood will be placed	/		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	/		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	/		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	/		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	/		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	/		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	/		
64	Provide dead load rating of trusses	/		

FBCR 802:Conventional Roof Framing Layout

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

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	/		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	/		

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering			
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering			

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 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*

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	/		
74	Attic space	/		
75	Exterior wall cavity	/		
76	Crawl space	/		

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	/		
78	Exhaust fans locations in bathrooms	/		
79	Show clothes dryer route and total run of exhaust duct	/		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	/		
81	Show the location of water heater	/		

Private Potable Water

82	Pump motor horse power	/		
83	Reservoir pressure tank gallon capacity	/		
84	Rating of cycle stop valve if used	/		

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	/		
86	Ceiling fans	/		
87	Smoke detectors & Carbon dioxide detectors	/		
88	Service panel, sub-panel, location(s) and total ampere ratings	/		
89	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.	/		

90	Appliances and HVAC equipment and disconnects	✓		
91	Arc Fault Circuits (AFCI) in bedrooms	✓		

Disclosure Statement for Owner Builders If you as the applicant will be acting as an owner builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

<p align="center">GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</p>	<p align="center">Items to Include- Each Box shall be Circled as Applicable</p>
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THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	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	✓		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	City of Lake City A permit showing an approved waste water sewer tap			
96	Toilet facilities shall be provided for all construction sites	✓		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			
98	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 a 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 8.5.2 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 8.5.3 of the Columbia County Land Development Regulations			
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			
100	A development permit will also be required. Development permit cost is \$50.00			
101	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.	Waiver		
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation 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.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws and ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

Work Shall Be:

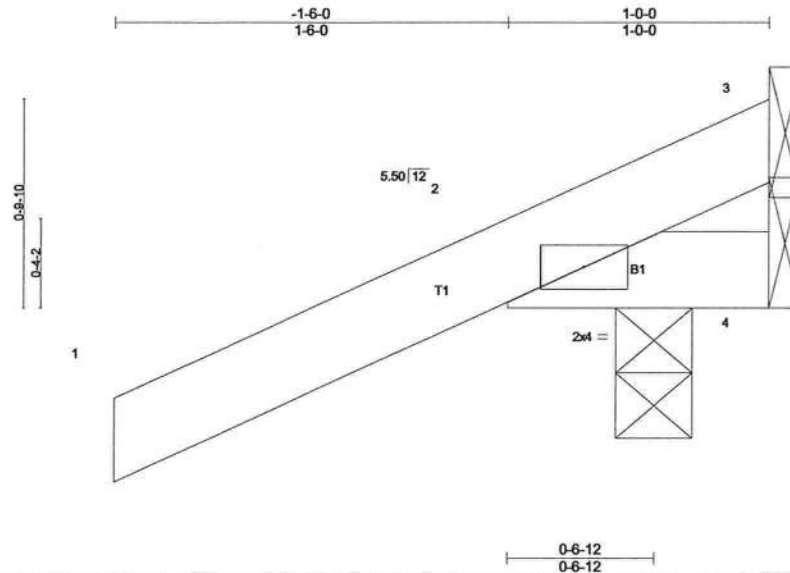
Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department

Job 302306	Truss CJ1A	Truss Type JACK	Qty 4	Ply 1	GIEBIG HOMES - CROFT RES. 302306002 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:31 2009 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.22	Vert(LL) -0.00 2 >999 360	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.11	Vert(TL) -0.00 2 >999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL) 0.00 3 n/a n/a	
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)		Weight: 6 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=5/Mechanical, 2=153/0-1-8 (input: 0-3-8), 3=66/Mechanical
Max Horz 2=53(LC 6)
Max Uplift 2=216(LC 6), 3=66(LC 1)
Max Grav 4=14(LC 2), 2=153(LC 1), 3=107(LC 6)

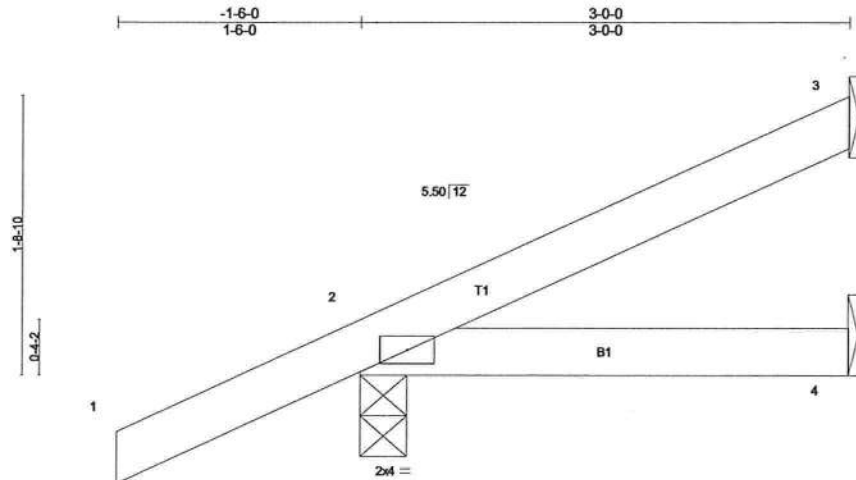
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (8-9)

- 1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (if=lb) 2=216.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
- 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job 302306	Truss CJ3	Truss Type JACK	Qty 12	Ply 1	GIEBIG HOMES - CROFT RES. 302306003 Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			7,110 s Dec 8 2008 MITek Industries, Inc. Fri Apr 03 14:04:32 2009 Page 1		



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.21	Vert(LL) -0.00 2-4 >999 360	MT20 244/190
TCCL 7.0	Lumber Increase 1.25	BC 0.11	Vert(TL) -0.01 2-4 >999 240	
BCCL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a n/a	
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Wind(LL) 0.01 2-4 >999 240	Weight: 12 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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

REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-1-8 (input: 0-3-8), 4=14/Mechanical
Max Horz 2=133(LC 6)
Max Uplift 3=48(LC 6), 2=247(LC 6), 4=36(LC 4)
Max Grav 3=49(LC 1), 2=204(LC 1), 4=42(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)

- 1) Wind: ASCE 7-05; 110mph (3-second gust); TCCL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (it=lb) 2=247.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job 302306	Truss CJ3A	Truss Type JACK	Qty 4	Ply 1	GIEBIEG HOMES - CROFT RES. 302306004 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:34 2009 Page 1		

Scale = 1:13.6

Plate Offsets (X,Y): [2:0-1-9,0-0-10], [2:0-1-4,0-10-11]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.32	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.11	Vert(LL) -0.00 2-4 >999 360		
BCLL 0.0 *	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.01 2-4 >999 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2007/TPI2002		Wind(LL) 0.01 2-4 >999 240		
				Weight: 13 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEDGE	
Left: 2 X 4 SYP No.3	

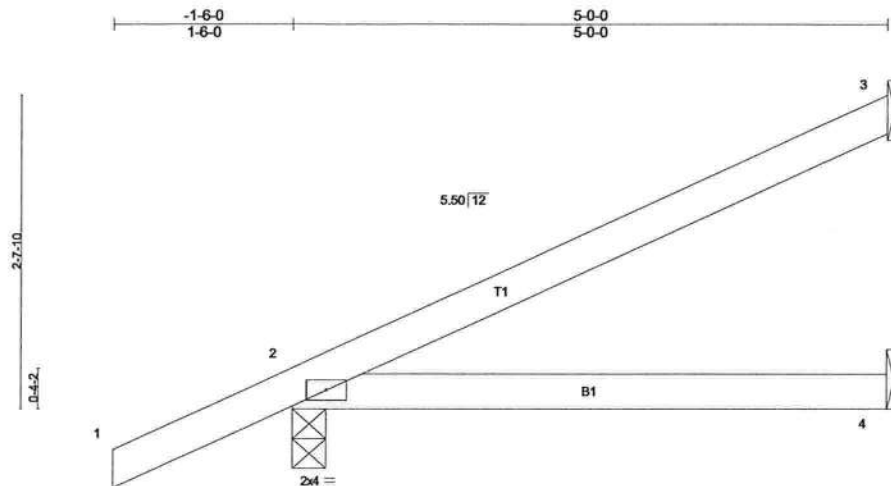
REACTIONS (lb/size) 3=49/Mechanical, 2=204/0-1-8 (input: 0-3-8), 4=14/Mechanical
 Max Horz 2=133(LC 6)
 Max Uplift 3=48(LC 6), 2=247(LC 6), 4=36(LC 4)
 Max Grav 3=49(LC 1), 2=204(LC 1), 4=42(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)
 1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 4) Refer to girder(s) for truss to truss connections.
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (if=lb) 2=247.
 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job 302306	Truss CJ5	Truss Type JACK	Qty 12	Ply 1	GIEBIEG HOMES - CROFT RES. 302306005 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:35 2009 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.31	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.31	Vert(TL)	-0.05	2-4	>999	240		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002		(Matrix)	Wind(LL)	0.11	2-4	>526	240		
									Weight: 18 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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

REACTIONS (lb/size) 3=114/Mechanical, 2=257/10-1-8 (input: 0-3-8), 4=24/Mechanical
Max Horz 2=186(LC 6)
Max Uplift 3=127(LC 6), 2=292(LC 6), 4=61(LC 4)
Max Grav 3=114(LC 1), 2=257(LC 1), 4=72(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)

- 1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (if=lb) 3=127, 2=292.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job 302306	Truss EJ5	Truss Type JACK	Qty 2	Ply 1	GIEBIEG HOMES - CROFT RES. 302306006 Job Reference (optional) 7.110 s Dec 8 2008 Mitek Industries, Inc. Fri Apr 03 14:04:36 2009 Page 1
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Builders FrstSource, Lake City, FL 32055

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-1-6-0 5-0-0
1-6-0 5-0-0

Scale = 1:18.6

Plate Offsets (X,Y): [2-0-1-9,0-0-10], [2-0-1-4,0-10-11]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25		TC 0.54	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25		BC 0.31	Vert(TL)	-0.05	2-4	>999	240		
BCLL 0.0	Rep Stress Incr YES		WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002		(Matrix)	Wind(LL)	0.11	2-4	>526	240		
									Weight: 19 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEDGE
Left: 2 X 4 SYP No.3

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

REACTIONS (lb/size) 3=114/Mechanical, 2=257/10-1-8 (input: 0-3-8), 4=24/Mechanical
Max Horz 2=186(LC 6)
Max Uplift 3=127(LC 6), 2=292(LC 6), 4=61(LC 4)
Max Grav 3=114(LC 1), 2=257(LC 1), 4=72(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)
1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (if=lb) 3=127, 2=292.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job 302306	Truss EJ7	Truss Type MONO TRUSS	Qty 34	Ply 1	GIEBIEG HOMES - CROFT RES. 302306007 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:37 2009 Page 1		

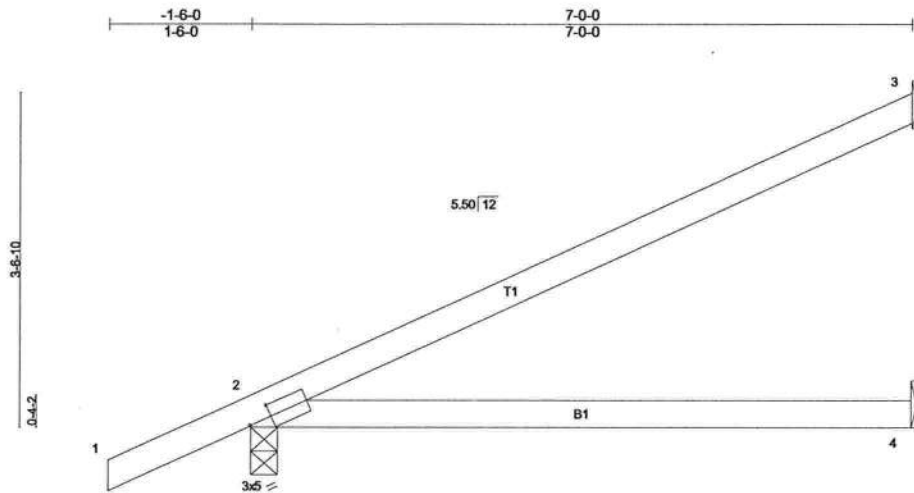


Plate Offsets (X,Y): [2:0-2-14,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.56	Vert(LL)	-0.09	2-4	>923	360	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.29	Vert(TL)	-0.18	2-4	>465	240		
BCLL 0.0 *	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Wind(LL)	0.10	2-4	>837	240		
	Code FBC2007/TPI2002							Weight: 25 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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) 3=162/Mechanical, 2=317/0-1-8 (input: 0-3-8), 4=45/Mechanical
Max Horz 2=171(LC 6)
Max Uplift 3=116(LC 6), 2=161(LC 6)
Max Grav 3=162(LC 1), 2=317(LC 1), 4=96(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (7-8)

- 1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 2'-0" wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) 3=116, 2=161.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 8) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job 302306	Truss EJ7A	Truss Type MONO TRUSS	Qty 1	Ply 1	GIEBIG HOMES - CROFT RES. 302306008 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:38 2009 Page 1		

Scale: 1/2"=1'

Plate Offsets (X,Y): [1:0-1-12,0-0-10]					
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc) l/defl L/d
TCLL 20.0	Plates Increase	1.25	TC 0.25	Vert(LL) -0.04	1-5 >999 360
TCDL 7.0	Lumber Increase	1.25	BC 0.53	Vert(TL) -0.07	1-5 >999 240
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.55	Horz(TL) 0.01	4 n/a n/a
BCDL 5.0	Code FBC2007/TPI2002		(Matrix)	Wind(LL) 0.04	1-5 >999 240
			PLATES		GRIP
			MT20		244/190
			Weight: 39 lb		

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 6 SYP No.1D WEBS 2 X 4 SYP No.3 REACTIONS (lb/size) 1=1682/0-2-0 (input: 0-3-8), 4=1344/Mechanical Max Horz 1=125(LC 5) Max Uplift 1=592(LC 5), 4=527(LC 5) FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 1-2=2012/675 BOT CHORD 1-6=700/1802, 6-7=700/1802, 5-7=700/1802, 5-8=700/1802, 4-8=700/1802 WEBS 2-5=588/1716, 2-4=2098/814	BRACING TOP CHORD Structural wood sheathing directly applied or 4-2-11 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 9-4-14 oc bracing.
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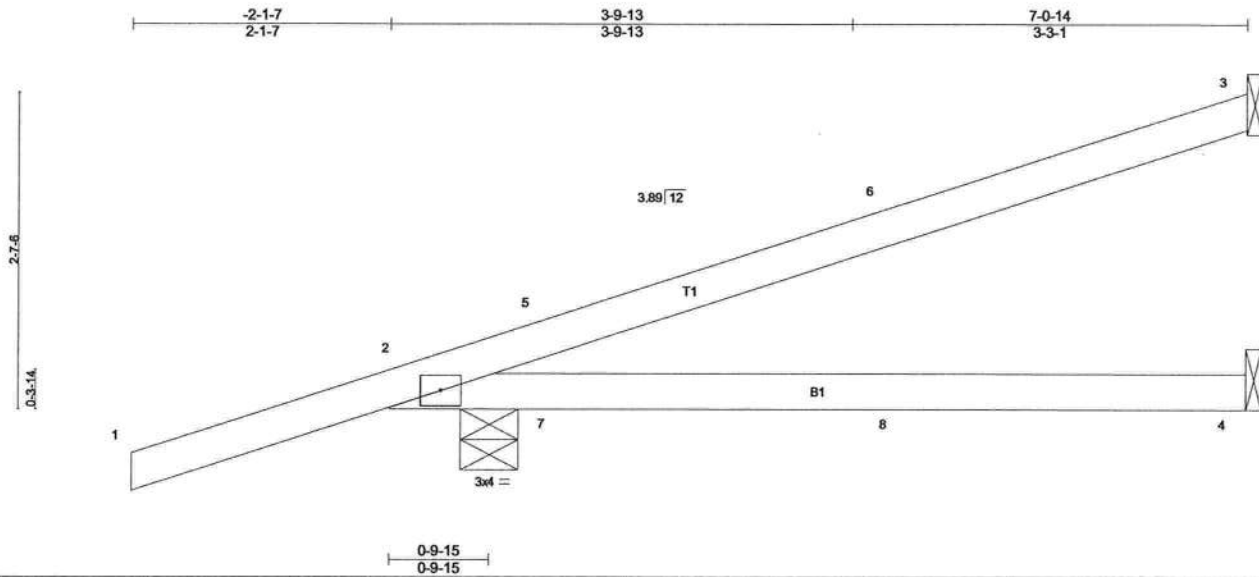
NOTES (9-11)

- 1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) 1=592, 4=527.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 865 lb down and 315 lb up at 1-0-12, and 865 lb down and 315 lb up at 3-0-12, and 865 lb down and 315 lb up at 5-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
- 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435
- 11) Use Simpson HTU26 to attach Truss to Carrying member

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-4=-10, 1-3=-54
 Concentrated Loads (lb)
 Vert: 6=-865(F) 7=-865(F) 8=-865(F)

Job 302306	Truss HJ7	Truss Type JACK	Qty 2	Ply 1	GIEBIG HOMES - CROFT RES. 302306009 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7,110 s Dec 8 2008 MITek Industries, Inc. Fri Apr 03 14:04:40 2009 Page 1		



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.58	Vert(LL)	-0.09	2-4	>868	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.34	Vert(TL)	-0.16	2-4	>512	240		
BCDL 0.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002		(Matrix)	Wind(LL)	0.20	2-4	>397	240		
									Weight: 25 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

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) 3=142/Mechanical, 2=305/0-1-8 (input: 0-5-11), 4=39/Mechanical
Max Horz 2=187(LC 3)
Max Uplift 3=164(LC 3), 2=480(LC 3), 4=102(LC 6)
Max Grav 3=142(LC 1), 2=305(LC 1), 4=100(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

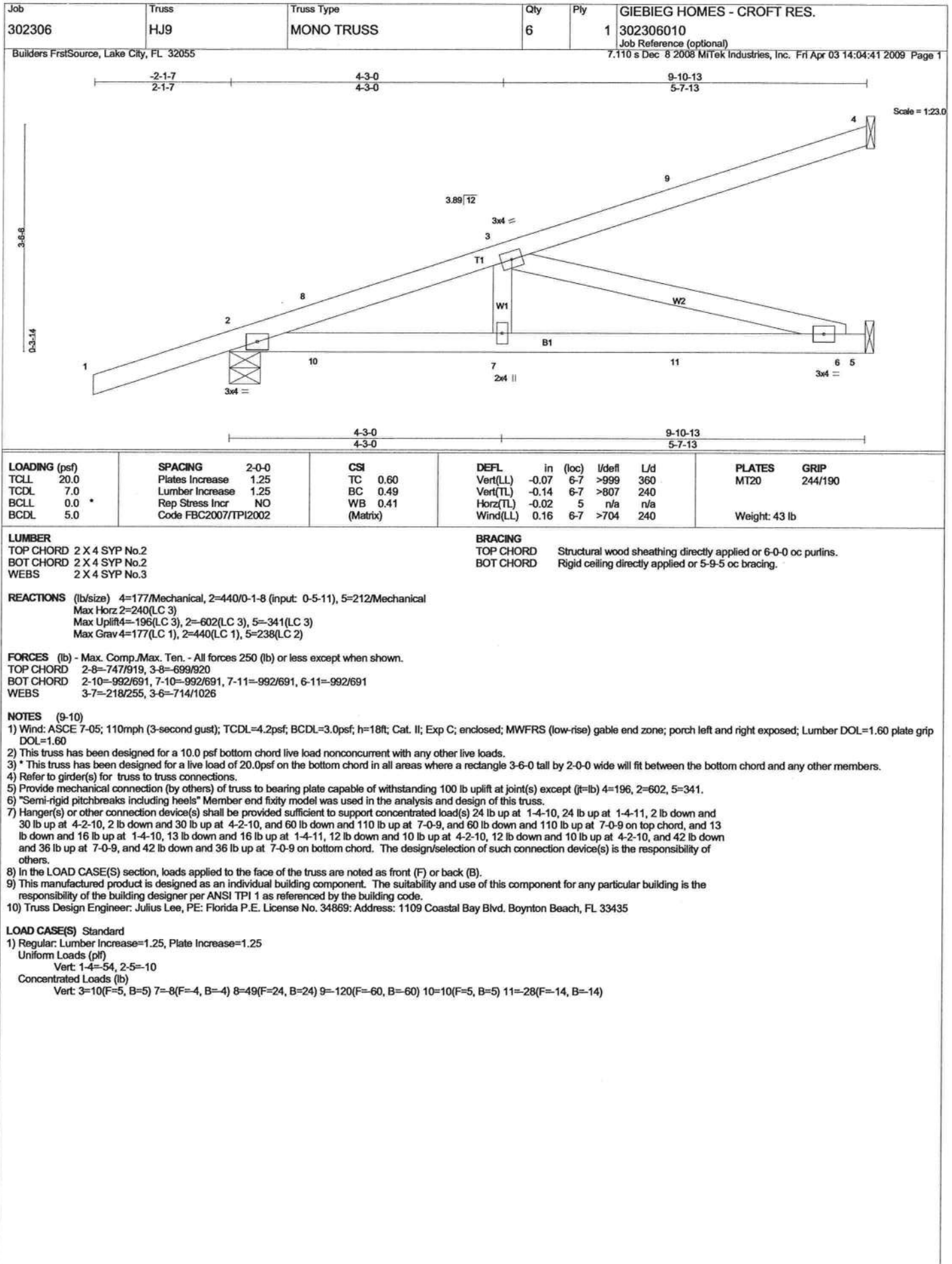
- NOTES** (9-10)
- 1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) 3=164, 2=480, 4=102.
 - 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 31 lb up at 1-4-10, 31 lb up at 1-4-11, and 2 lb down and 30 lb up at 4-2-10, and 2 lb down and 30 lb up at 4-2-10 on top chord, and 16 lb up at 1-4-10, 16 lb up at 1-4-11, and 12 lb down and 10 lb up at 4-2-10, and 12 lb down and 10 lb up at 4-2-10 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
 - 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

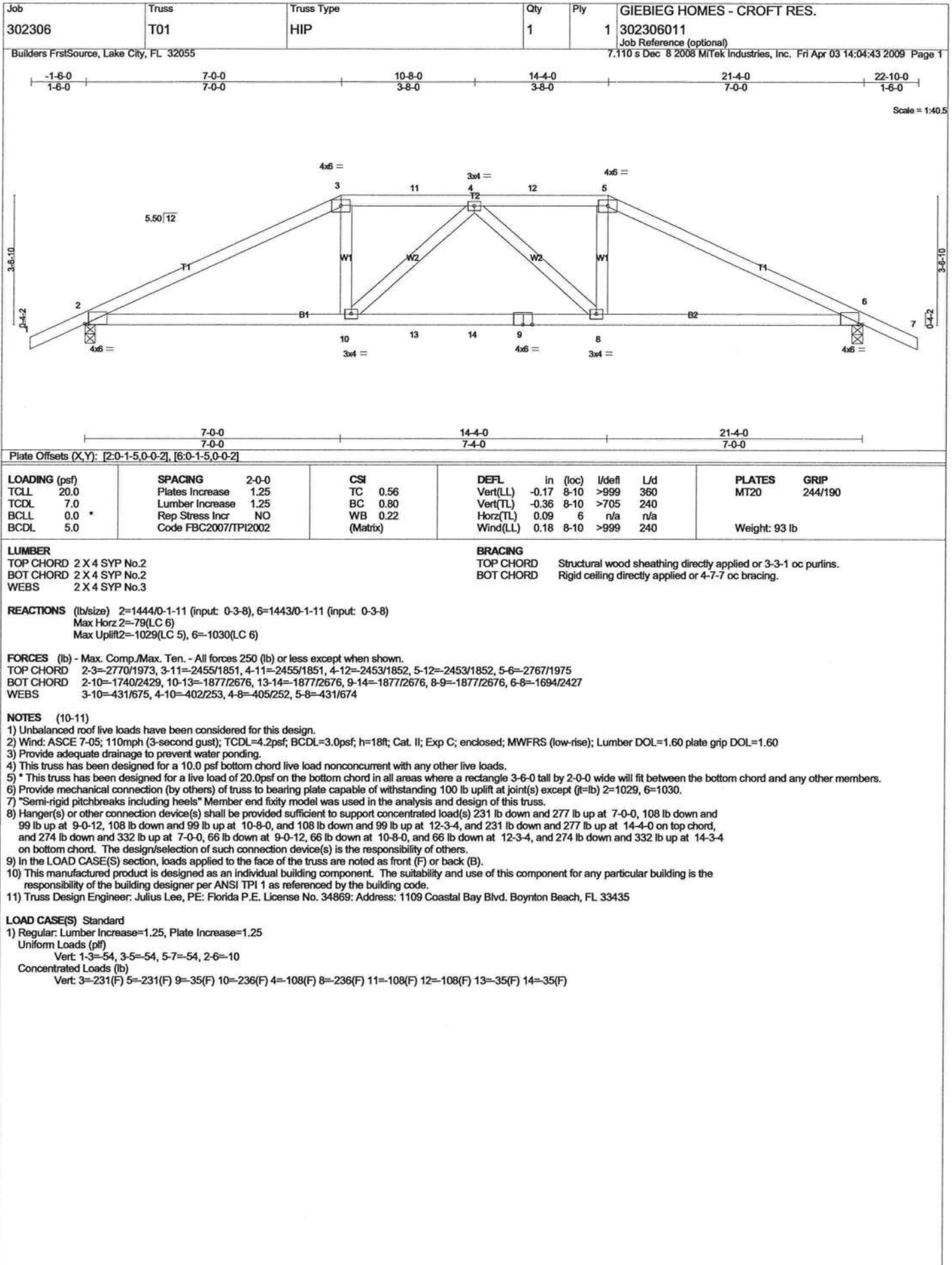
LOAD CASE(S) Standard

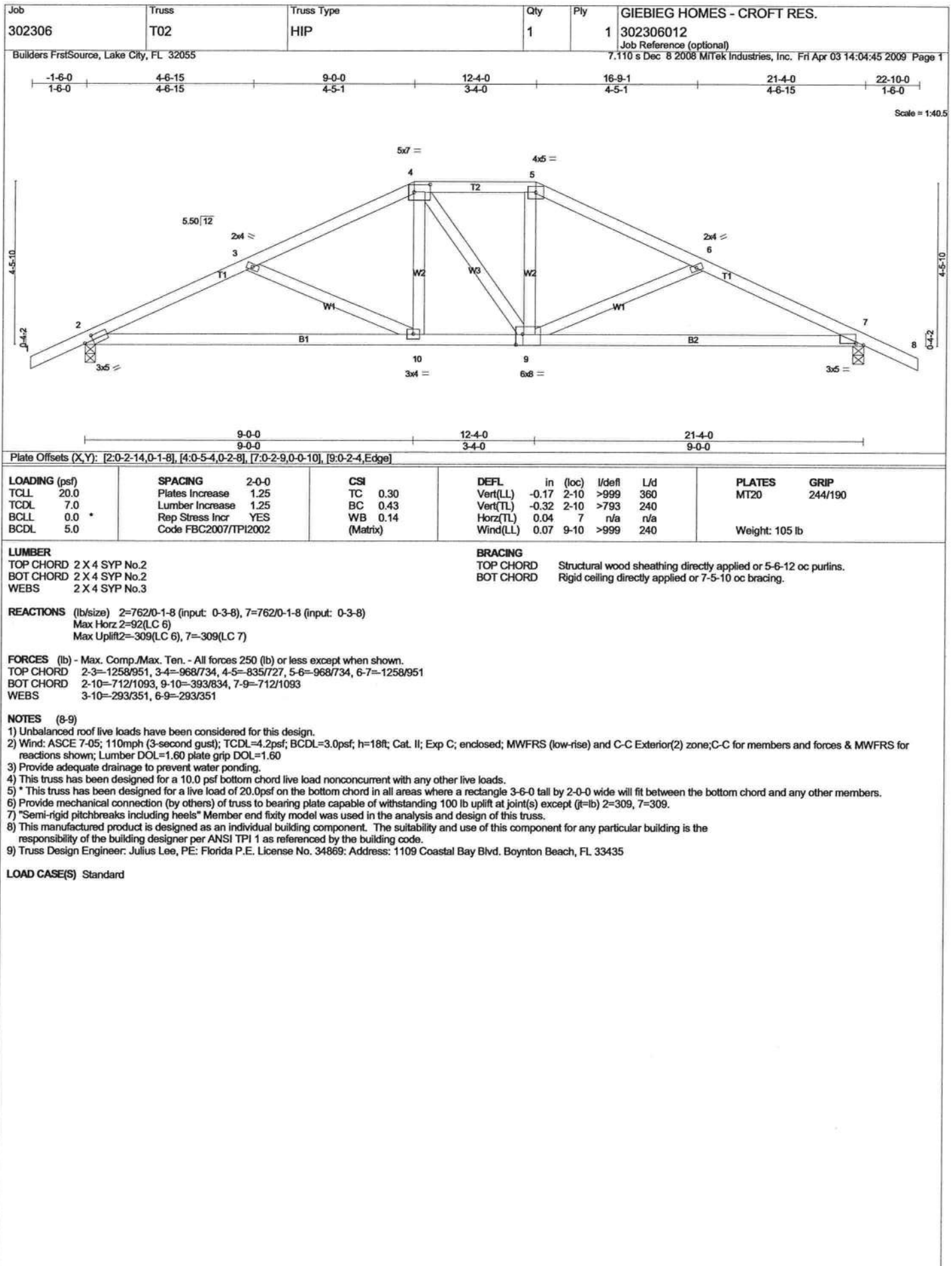
- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25

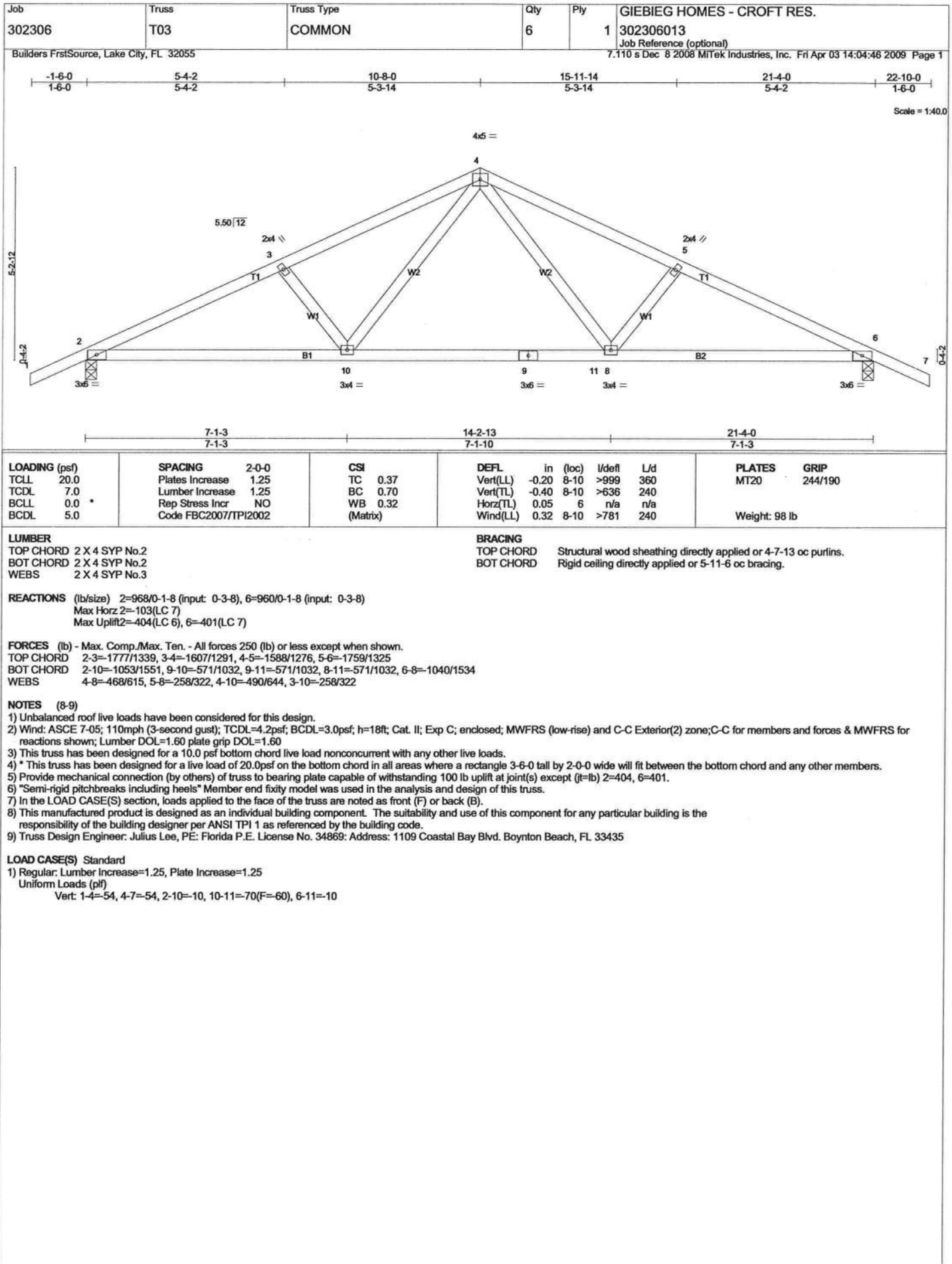
Uniform Loads (plf)
Vert: 1-3=-54, 2-4=-10

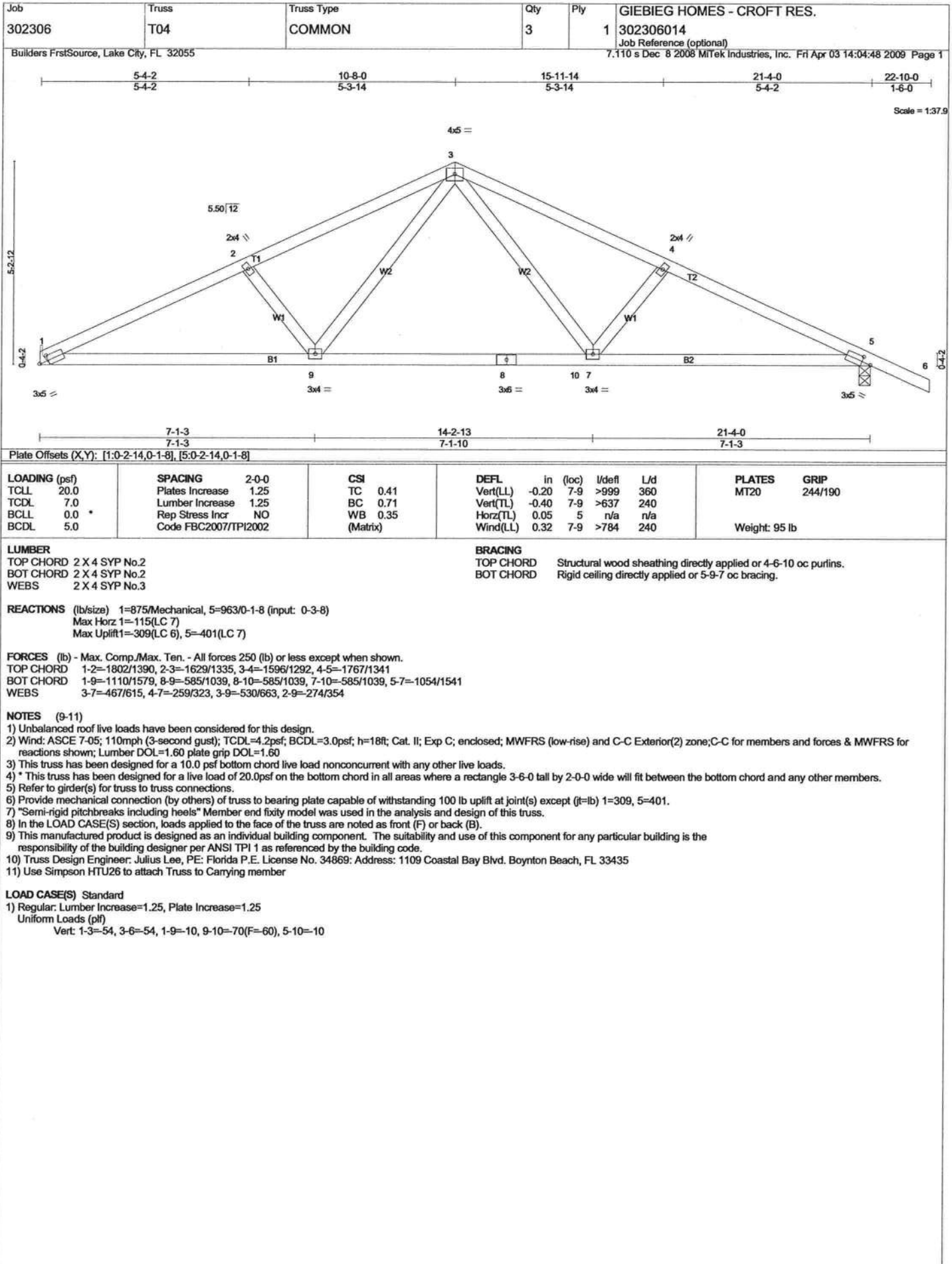
Concentrated Loads (lb)
Vert: 5=62(F=31, B=31) 6=10(F=5, B=5) 7=10(F=5, B=5) 8=-8(F=4, B=4)











Job 302306	Truss T05	Truss Type HIP	Qty 1	Ply 2	GIEBIG HOMES - CROFT RES. 302306015 Job Reference (optional) 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:51 2009 Page 1
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Builders FrstSource, Lake City, FL 32055

Scale = 1:89.9

LOADING (psf) TCCL 20.0 TCCL 7.0 BCCL 0.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr NO Code FBC2007/TP12002	CSI TC 0.55 BC 0.87 WB 0.55 (Matrix)	DEFL in (loc) l/defl L/d TC (LL) -0.44 12-13 >999 360 Vert(TL) -0.86 12-13 >538 240 Horiz(TL) 0.22 8 n/a n/a Wind(LL) 0.54 12-13 >860 240	PLATES MT20 GRIP 244/190 Weight: 356 lb
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LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-5-8 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-5-9 oc bracing.

REACTIONS (lb/size) 2=2650/0-1-9 (input: 0-3-8), 8=2650/0-1-9 (input: 0-3-8)
 Max Horz 2=79(LC 6)
 Max Uplift 2=1515(LC 5), 8=1503(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=5596/3206, 3-16=5062/2975, 16-17=5061/2974, 4-17=5061/2974, 4-18=7945/4236, 18-19=7945/4236, 19-20=7945/4236, 5-20=7945/4236, 5-21=7945/4233, 21-22=7945/4233, 22-23=7945/4233, 6-23=7945/4233, 6-24=5061/2986, 24-25=5061/2986, 7-25=5062/2986, 7-8=5596/3218
 BOT CHORD 2-15=2837/4985, 15-26=4041/7502, 26-27=4041/7502, 27-28=4041/7502, 14-28=4041/7502, 14-29=4041/7502, 13-29=4041/7502, 13-30=4426/8368, 30-31=4426/8368, 31-32=4426/8368, 32-33=4426/8368, 12-33=4426/8368, 12-34=4030/7502, 11-34=4030/7502, 11-35=4030/7502, 35-36=4030/7502, 36-37=4030/7502, 10-37=4030/7502, 8-10=2836/4985
 WEBS 3-15=891/1718, 4-15=2844/1358, 4-13=179/809, 5-13=585/396, 5-12=574/388, 6-12=173/809, 6-10=2829/1347, 7-10=886/1710

NOTES (12-13)
 1) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 277 lb up at 7-0-0, 108 lb down and 99 lb up at 9-0-12, 108 lb down and 99 lb up at 11-0-12, 108 lb down and 99 lb up at 13-0-12, 108 lb down and 99 lb up at 15-0-12, 108 lb down and 99 lb up at 17-0-12, 108 lb down and 99 lb up at 19-0-12, 108 lb down and 99 lb up at 19-11-4, 108 lb down and 99 lb up at 21-11-4, 108 lb down and 99 lb up at 23-11-4, 108 lb down and 99 lb up at 25-11-4, 108 lb down and 99 lb up at 27-11-4, and 108 lb down and 99 lb up at 29-11-4, and 271 lb down and 277 lb up at 32-0-0 on top chord, and 274 lb down and 332 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 13-0-12, 66 lb down at 15-0-12, 66 lb down at 17-0-12, 66 lb down at 19-0-12, 66 lb down at 19-11-4, 66 lb down at 21-11-4, 66 lb down at 23-11-4, 66 lb down at 25-11-4, 66 lb down at 27-11-4, and 66 lb down at 29-11-4, and 274 lb down and 332 lb up at 31-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 2) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-7-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 277 lb up at 7-0-0, 108 lb down and 99 lb up at 9-0-12, 108 lb down and 99 lb up at 11-0-12, 108 lb down and 99 lb up at 13-0-12, 108 lb down and 99 lb up at 15-0-12, 108 lb down and 99 lb up at 17-0-12, 108 lb down and 99 lb up at 19-0-12, 108 lb down and 99 lb up at 19-11-4, 108 lb down and 99 lb up at 21-11-4, 108 lb down and 99 lb up at 23-11-4, 108 lb down and 99 lb up at 25-11-4, 108 lb down and 99 lb up at 27-11-4, and 108 lb down and 99 lb up at 29-11-4, and 271 lb down and 277 lb up at 32-0-0 on top chord, and 274 lb down and 332 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 13-0-12, 66 lb down at 15-0-12, 66 lb down at 17-0-12, 66 lb down at 19-0-12, 66 lb down at 19-11-4, 66 lb down at 21-11-4, 66 lb down at 23-11-4, 66 lb down at 25-11-4, 66 lb down at 27-11-4, and 66 lb down at 29-11-4, and 274 lb down and 332 lb up at 31-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 3) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 4) Unbalanced roof live loads have been considered for this design.
 5) Wind: ASCE 7-05; 110mph (3-second gust); TCCL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
 6) Provide adequate drainage to prevent water ponding.
 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) 2=1515, 8=1503.
 10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 231 lb down and 277 lb up at 7-0-0, 108 lb down and 99 lb up at 9-0-12, 108 lb down and 99 lb up at 11-0-12, 108 lb down and 99 lb up at 13-0-12, 108 lb down and 99 lb up at 15-0-12, 108 lb down and 99 lb up at 17-0-12, 108 lb down and 99 lb up at 19-0-12, 108 lb down and 99 lb up at 19-11-4, 108 lb down and 99 lb up at 21-11-4, 108 lb down and 99 lb up at 23-11-4, 108 lb down and 99 lb up at 25-11-4, 108 lb down and 99 lb up at 27-11-4, and 108 lb down and 99 lb up at 29-11-4, and 271 lb down and 277 lb up at 32-0-0 on top chord, and 274 lb down and 332 lb up at 7-0-0, 66 lb down at 9-0-12, 66 lb down at 11-0-12, 66 lb down at 13-0-12, 66 lb down at 15-0-12, 66 lb down at 17-0-12, 66 lb down at 19-0-12, 66 lb down at 19-11-4, 66 lb down at 21-11-4, 66 lb down at 23-11-4, 66 lb down at 25-11-4, 66 lb down at 27-11-4, and 66 lb down at 29-11-4, and 274 lb down and 332 lb up at 31-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Job 302306	Truss T05	Truss Type HIP	Qty 1	Ply 2	GIEBIG HOMES - CROFT RES. 302306015 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:51 2009 Page 2		
12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.					
13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435					
LOAD CASE(S) Standard					
1) Regular: Lumber Increase=1.25, Plate Increase=1.25					
Uniform Loads (plf)					
Vert: 1-3=54, 3-7=54, 7-9=54, 2-8=10					
Concentrated Loads (lb)					
Vert: 3=231(B) 7=231(B) 15=236(B) 4=108(B) 6=108(B) 10=236(B) 16=108(B) 17=108(B) 18=108(B) 19=108(B) 20=108(B) 21=108(B) 22=108(B) 23=108(B) 24=108(B) 25=108(B) 26=35(B) 27=35(B) 28=35(B) 29=35(B) 30=35(B) 31=35(B) 32=35(B) 33=35(B) 34=35(B) 35=35(B) 36=35(B) 37=35(B)					

Builders FrstSource, Lake City, FL 32055 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:04:53 2009 Page 1

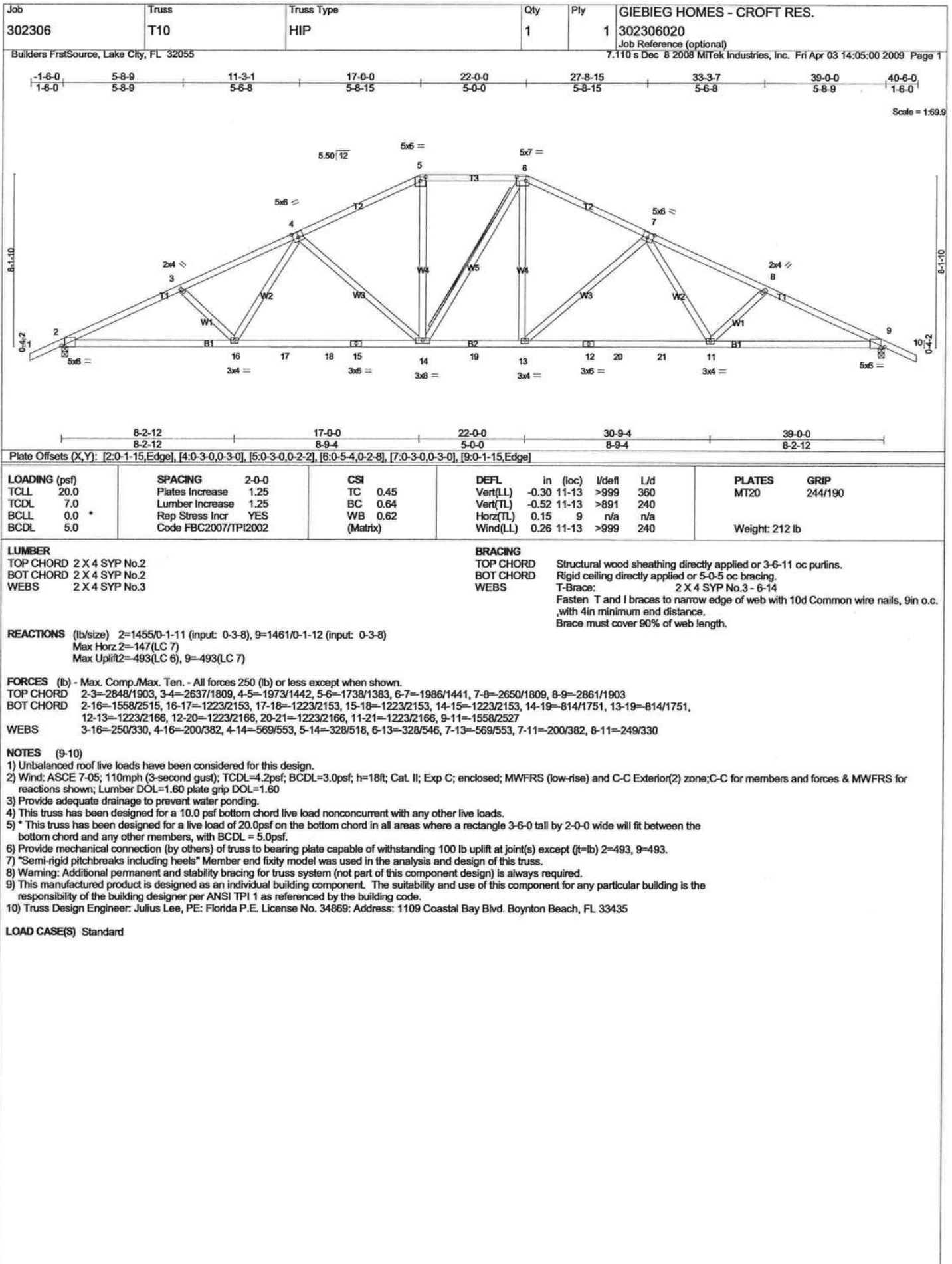


NUMBER	BRACING
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FORCES: (lb) Max. Comp. Max. Ten. All forces 250 (lb) or less, except when shown.

LOAD CASE(S) Standard

LOAD CASE(S) Standard



Job 302306 Truss Type HIP Qty 1 Ply 1 GIEBIG HOMES - CROFT RES. 302306021 Job Reference (optional) 7.110 s Dec 8 2008 MITek Industries, Inc. Fri Apr 03 14:05:02 2009 Page 1

Builders FrstSource, Lake City, FL 32055

Scale = 1:60.9

Plate Offsets (X,Y): [2:0-1-15,Edge], [3:0-3-0,0-3-0], [5:0-3-0,0-2-2], [6:0-5-4,0-2-8], [8:0-3-0,0-3-0], [9:0-1-15,Edge]

LOADING (psf)	SPACING	2:0-0	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.49	Vert(LL)	-0.41 11-13	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.75	Vert(TL)	-0.65 11-13	>716	240		
BCLL 0.0	Rep Stress Incr	YES	WB 0.51	Horz(TL)	0.14 9	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002		(Matrix)	Wind(LL)	0.28 11-13	>999	240		

Weight: 221 lb

BRACING
TOP CHORD
BOT CHORD
WEBS
Structural wood sheathing directly applied or 3-5-6 oc purlins.
Rigid ceiling directly applied or 5-0-6 oc bracing.
T-Brace: 2 X 4 SYP No.3 - 4-14, 6-14, 7-13
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
Brace must cover 90% of web length.

REACTIONS (lb/size) 2=1462/0-1-12 (input: 0-3-8), 9=1462/0-1-12 (input: 0-3-8)
Max Horz 2=160(LC 7)
Max Uplift 2=506(LC 6), 9=506(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=2839/1902, 3-4=2607/1815, 4-5=1828/1379, 5-6=1603/1329, 6-7=1823/1376, 7-8=2609/1817, 8-9=2840/1903
BOT CHORD 2-16=1545/2502, 16-17=1131/2045, 15-17=1131/2045, 15-18=1131/2045, 14-18=1131/2045, 13-14=696/1595, 13-19=1131/2044, 12-19=1131/2044, 12-20=1131/2044, 11-20=1131/2044, 9-11=1546/2503
WEBS 3-16=309/402, 4-16=286/499, 4-14=638/611, 5-14=379/533, 6-14=146/255, 6-13=371/521, 7-13=645/618, 7-11=289/502, 8-11=308/401

NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) 2=506, 9=506.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

Job 302306	Truss T12	Truss Type SPECIAL	Qty 1	Ply 1	GIEBIG HOMES - CROFT RES. 302306022 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7.110 s Dec 8 2008 MITek Industries, Inc. Fri Apr 03 14:05:04 2009 Page 1		

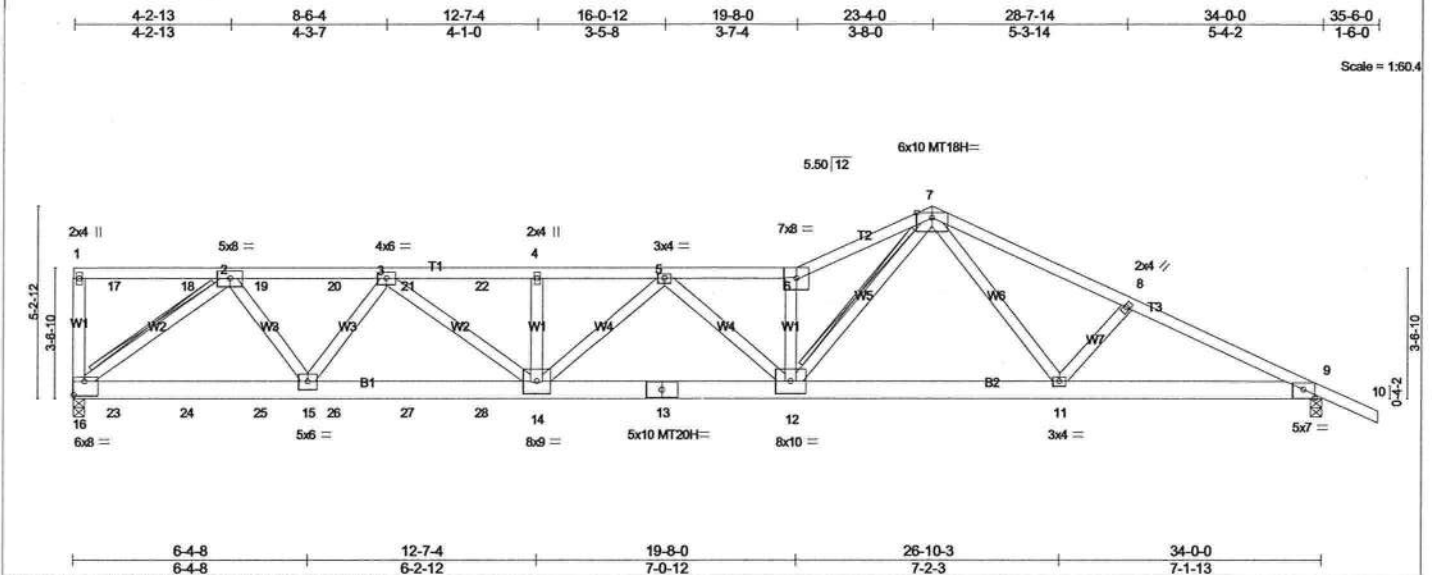


Plate Offsets (X,Y): [9:0-3-8,0-2-12], [16:Edge,0-4-8]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.77	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.77	Vert(LL) -0.47 12-14 >863 360	MT20H	187/143
BCLL 0.0	Rep Stress Incr NO	WB 0.83	Horz(TL) -0.89 12-14 >455 240	MT18H	244/190
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Wind(LL) 0.14 9 n/a n/a	Weight: 206 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-10-9 oc purfins, except end verticals.
BOT CHORD 2 X 6 SYP No.1D	Rigid ceiling directly applied or 5-4-0 oc bracing.
WEBS 2 X 4 SYP No.3 *Except*	T-Brace: 2 X 4 SYP No.3 - 2-16, 7-12
W5: 2 X 4 SYP No.2	Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c. ,with 4in minimum end distance.
	Brace must cover 90% of web length.

REACTIONS (lb/size) 16=2622/0-3-2 (input: 0-3-8), 9=1813/0-2-2 (input: 0-3-8)
Max Horz 16=200(LC 6)
Max Uplift 16=1094(LC 5), 9=690(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-19=4294/1725, 19-20=4294/1725, 3-20=4294/1725, 3-21=6945/2782, 21-22=6945/2782, 4-22=6945/2782, 4-5=6945/2782,
5-6=5654/2187, 6-7=6375/2500, 7-8=3586/1315, 8-9=3764/1322
BOT CHORD 16-23=1215/3039, 23-24=1215/3039, 24-25=1215/3039, 15-25=1215/3039, 15-26=2165/5422, 26-27=2165/5422,
27-28=2165/5422, 14-28=2165/5422, 13-14=2479/6418, 12-13=2479/6418, 11-12=1051/2994, 9-11=1149/3365
WEBS 2-16=3801/1606, 2-15=789/2243, 3-15=2016/910, 3-14=694/1929, 5-14=370/847, 5-12=1128/515, 6-12=2788/1138,
7-12=1810/4507, 7-11=134/362, 8-11=267/203

- NOTES** (12-13)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All plates are MT20 plates unless otherwise indicated.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) 16=1094, 9=690.
 - 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 148 lb down and 99 lb up at 1-0-12, 148 lb down and 99 lb up at 3-0-12, 148 lb down and 99 lb up at 5-0-12, 148 lb down and 99 lb up at 7-0-12, and 148 lb down and 99 lb up at 9-0-12, and 148 lb down and 99 lb up at 11-0-12 on top chord, and 66 lb down at 1-0-12, 66 lb down at 3-0-12, 66 lb down at 5-0-12, 66 lb down at 7-0-12, 66 lb down at 9-0-12, and 66 lb down at 11-0-12, and 1334 lb down and 533 lb up at 12-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
 - 11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
 - 12) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 13) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

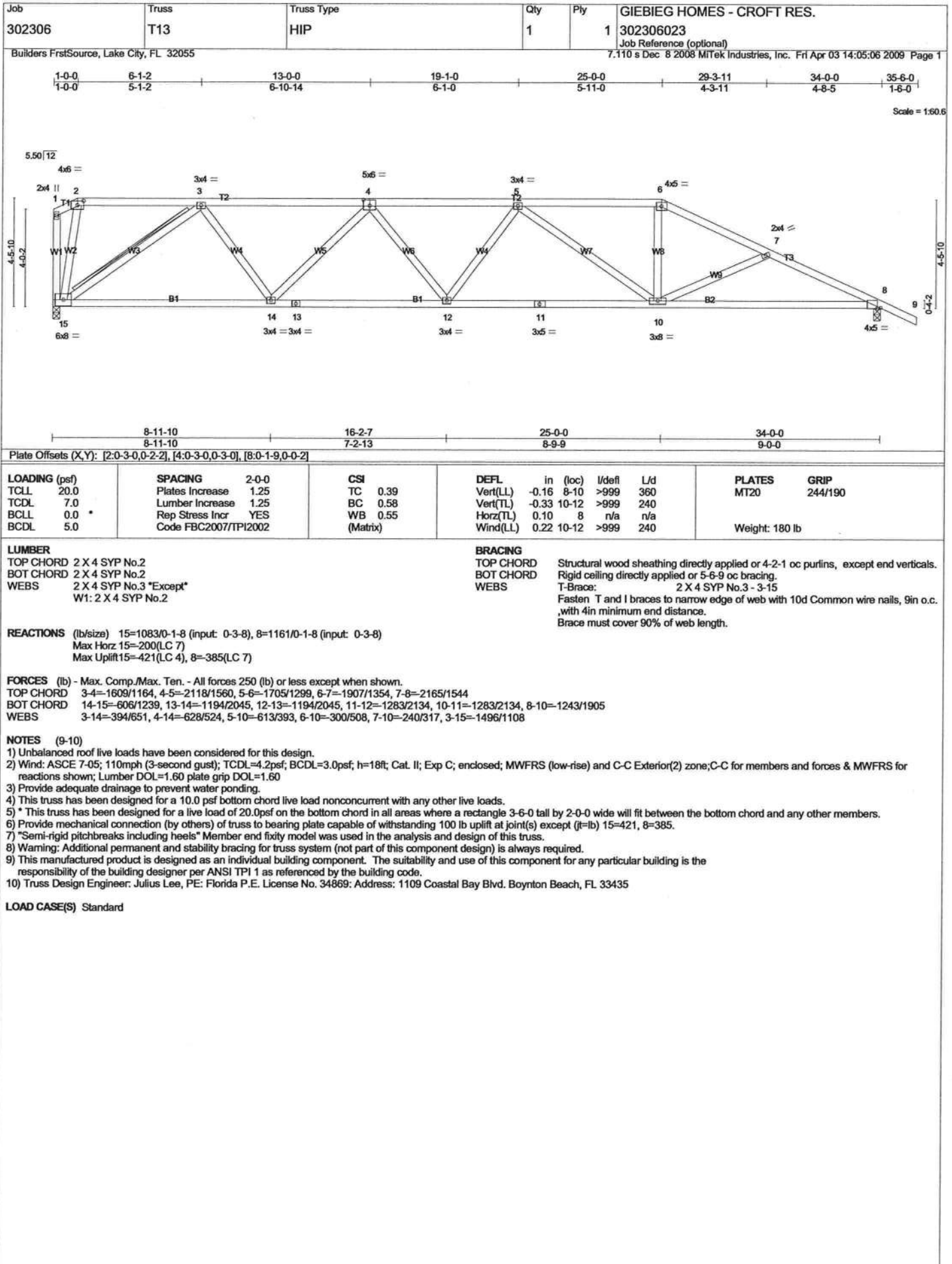
- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-6=54, 6-7=54, 7-10=54, 9-16=10

Concentrated Loads (lb)

Vert: 14=1334(F) 17=108(F) 18=108(F) 19=108(F) 20=108(F) 21=108(F) 22=108(F) 23=35(F) 24=35(F) 25=35(F) 26=35(F) 27=35(F) 28=35(F)



Job 302306 Truss T14 Truss Type HIP Qty 1 Ply 1 302306024
Job Reference (optional)
Builders FrstSource, Lake City, FL 32055 7.110 s Dec 8 2008 Mitek Industries, Inc. Fri Apr 03 14:05:07 2009 Page 1

3-0-0 9-5-13 16-6-3 23-0-0 28-6-0 34-0-0 35-6-0
3-0-0 6-5-13 7-0-6 6-5-13 5-6-0 5-6-0 1-6-0

Scale = 1/8"=1'-0"

5'-4-10 4'-0-2

5'-4-10 4'-0-2

3-0-0 13-0-0 23-0-0 28-6-0 34-0-0
3-0-0 10-0-0 10-0-0 5-6-0 5-6-0

Plate Offsets (X,Y): [4:0-3-0,0-3-0], [7:0-2-5,0-0-2]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.39	Vert(LL) -0.24	10-12	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.62	Vert(TL) -0.45	10-12	>905	240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.50	Horz(TL) 0.10	7	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Wind(LL) 0.17	10-12	>999	240		

Weight: 185 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-8-6 oc bracing.
WEBS T-Brace: 2 X 4 SYP No.3 - 3-14, 4-10
Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c., with 4in minimum end distance.
Brace must cover 90% of web length.

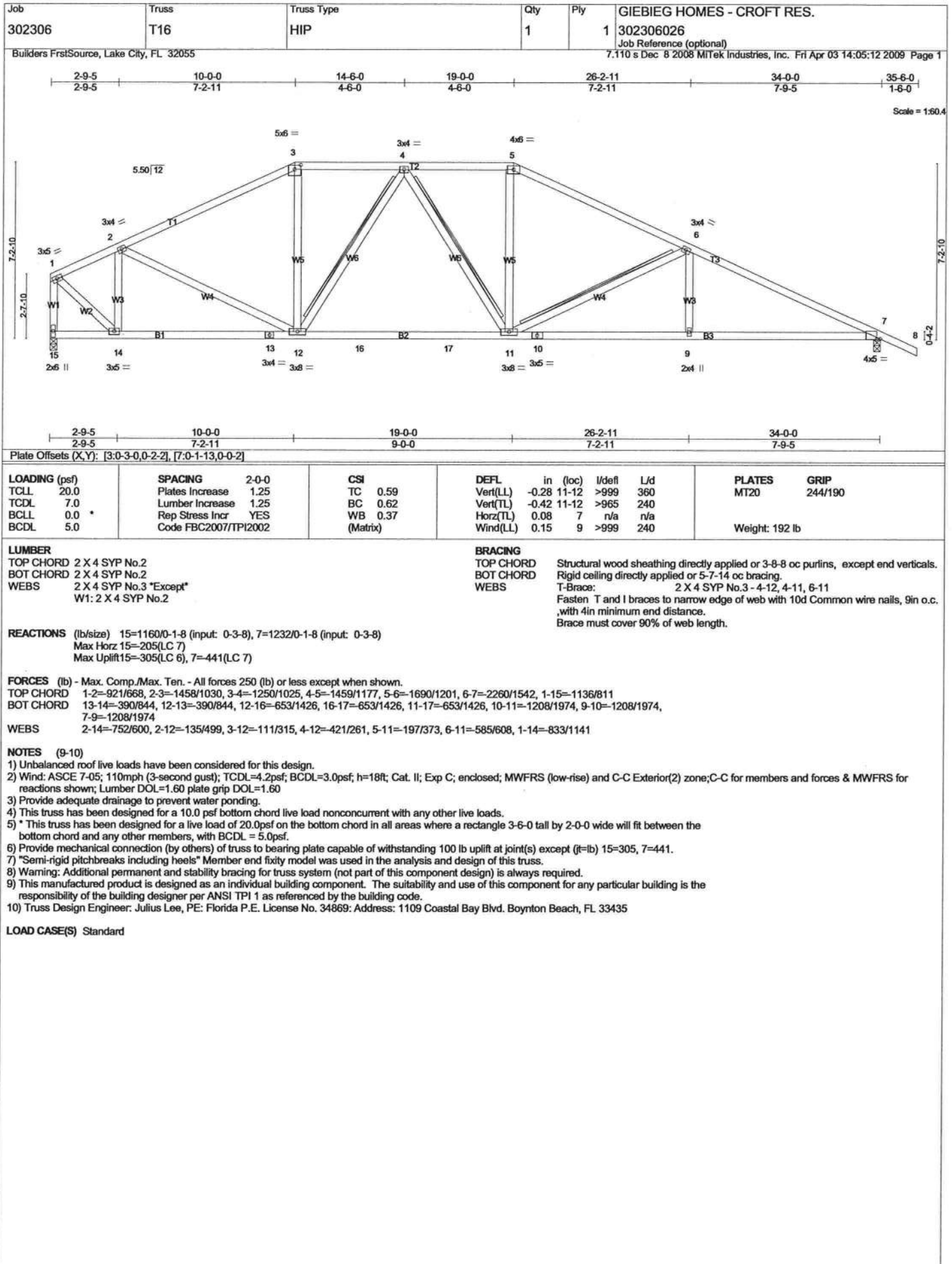
REACTIONS (lb/size) 15=1179/0-1-8 (input: 0-3-8), 7=1234/0-1-8 (input: 0-3-8)
Max Horz 15=213(LC 7)
Max Uplift 15=376(LC 5), 7=406(LC 7)

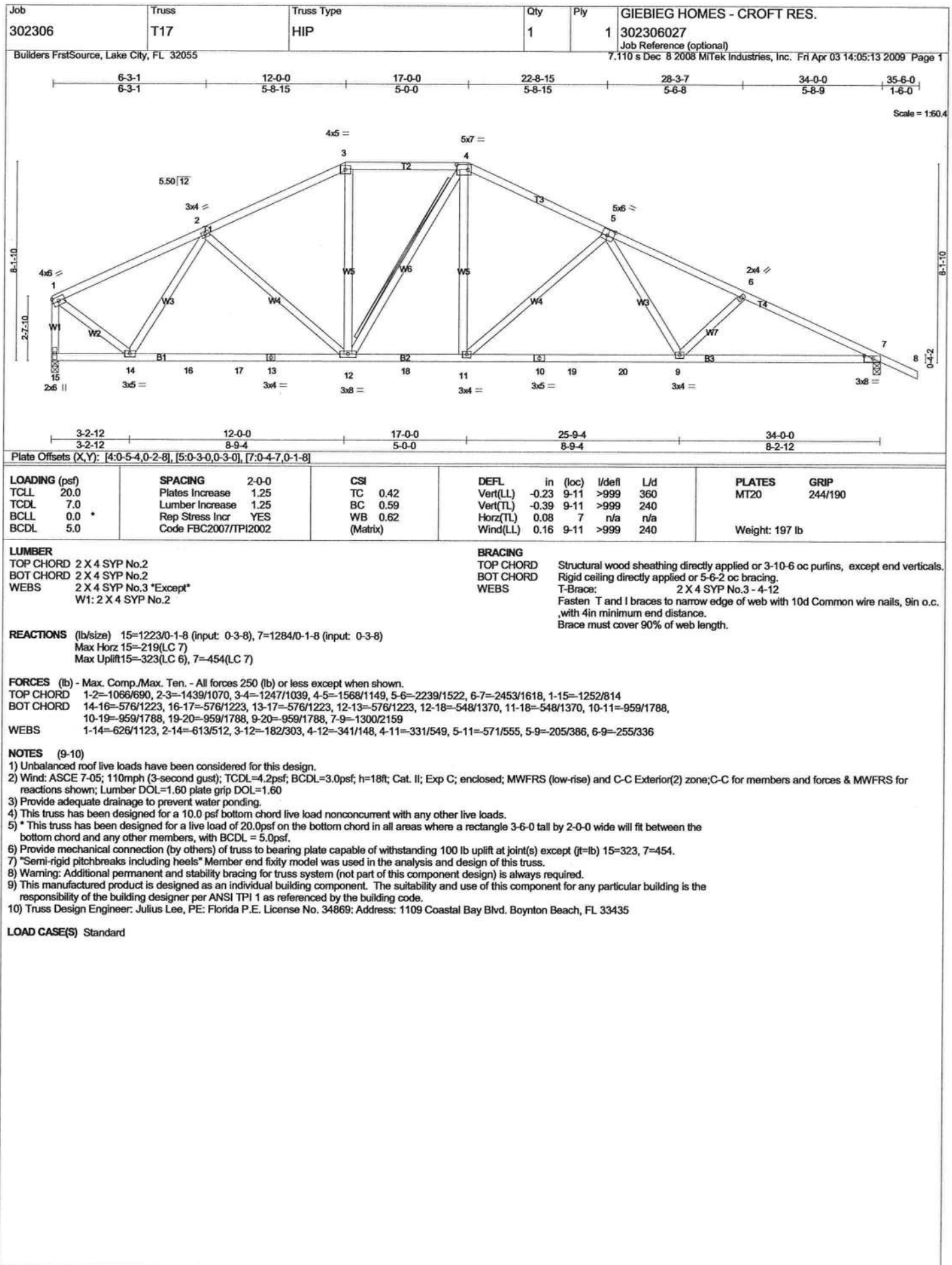
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=759/499, 2-3=671/498, 3-4=1896/1273, 4-5=1737/1266, 5-6=1961/1312, 6-7=2334/1538, 1-15=1200/782
BOT CHORD 14-15=2/302, 14-16=767/1631, 13-16=767/1631, 12-13=767/1631, 12-17=1038/2009, 17-18=1038/2009, 11-18=1038/2009, 10-11=1038/2009, 9-10=1232/2054, 7-9=1232/2054
WEBS 3-14=1241/849, 3-12=199/471, 4-12=205/277, 4-10=467/210, 5-10=253/494, 6-10=364/401, 1-14=656/1072

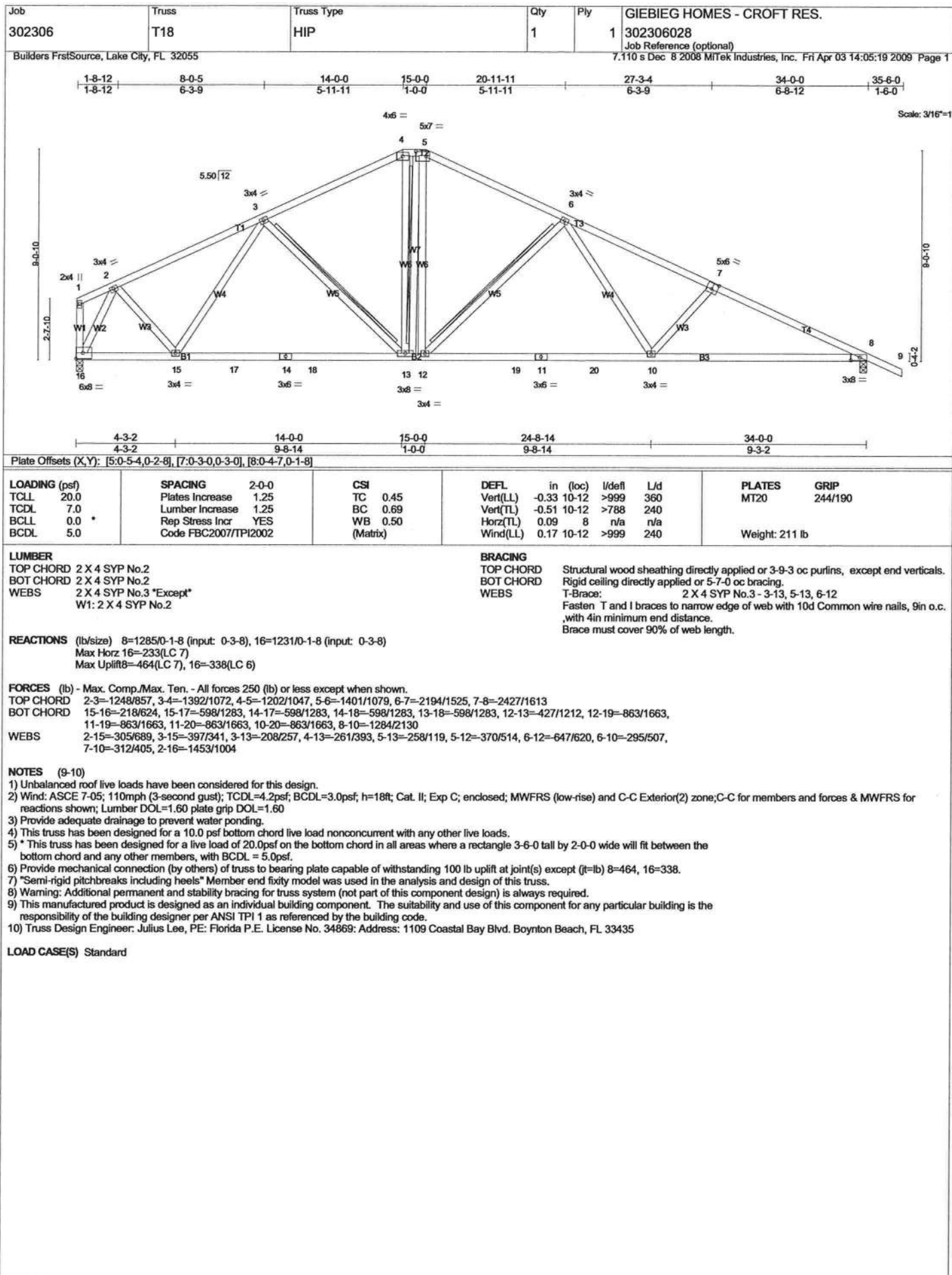
NOTES (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 15=376, 7=406.
7) *Semi-rigid pitchbreaks including heels* Member end fixity model was used in the analysis and design of this truss.
8) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

LOAD CASE(S) Standard







Job 302306	Truss T19	Truss Type COMMON	Qty 3	Ply 1	GIEBIG HOMES - CROFT RES. 302306029 Job Reference (optional)
Builders FrstSource, Lake City, FL 32055			7.110 s Dec 8 2008 MITek Industries, Inc. Fri Apr 03 14:05:21 2009 Page 1		

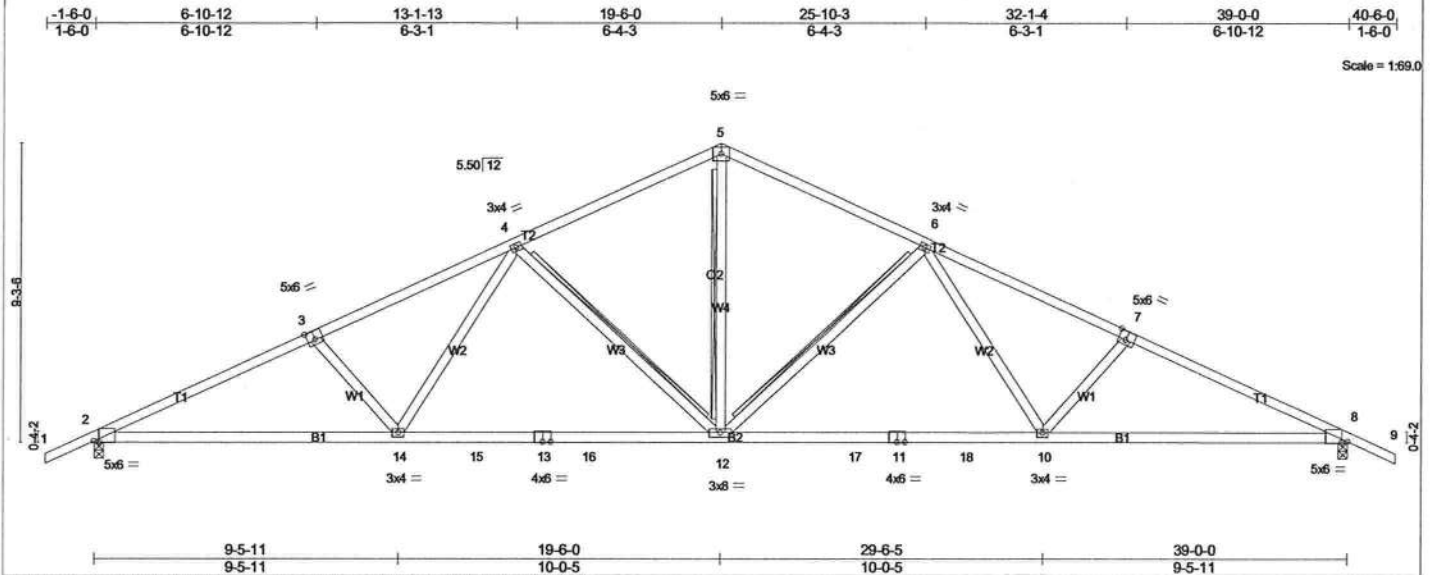


Plate Offsets (X,Y): [2:0-1-15,Edge], [3:0-3-0,0-3-4], [7:0-3-0,0-3-4], [8:0-1-15,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.49	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.74	Vert(LL) -0.40 12-14 >999 360		
BCLL 0.0 *	Lumber Increase 1.25	WB 0.37	Vert(TL) -0.63 12-14 >739 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.15 8 n/a n/a		
	Code FBC2007/TPI2002		Wind(LL) 0.27 12 >999 240		
				Weight: 197 lb	

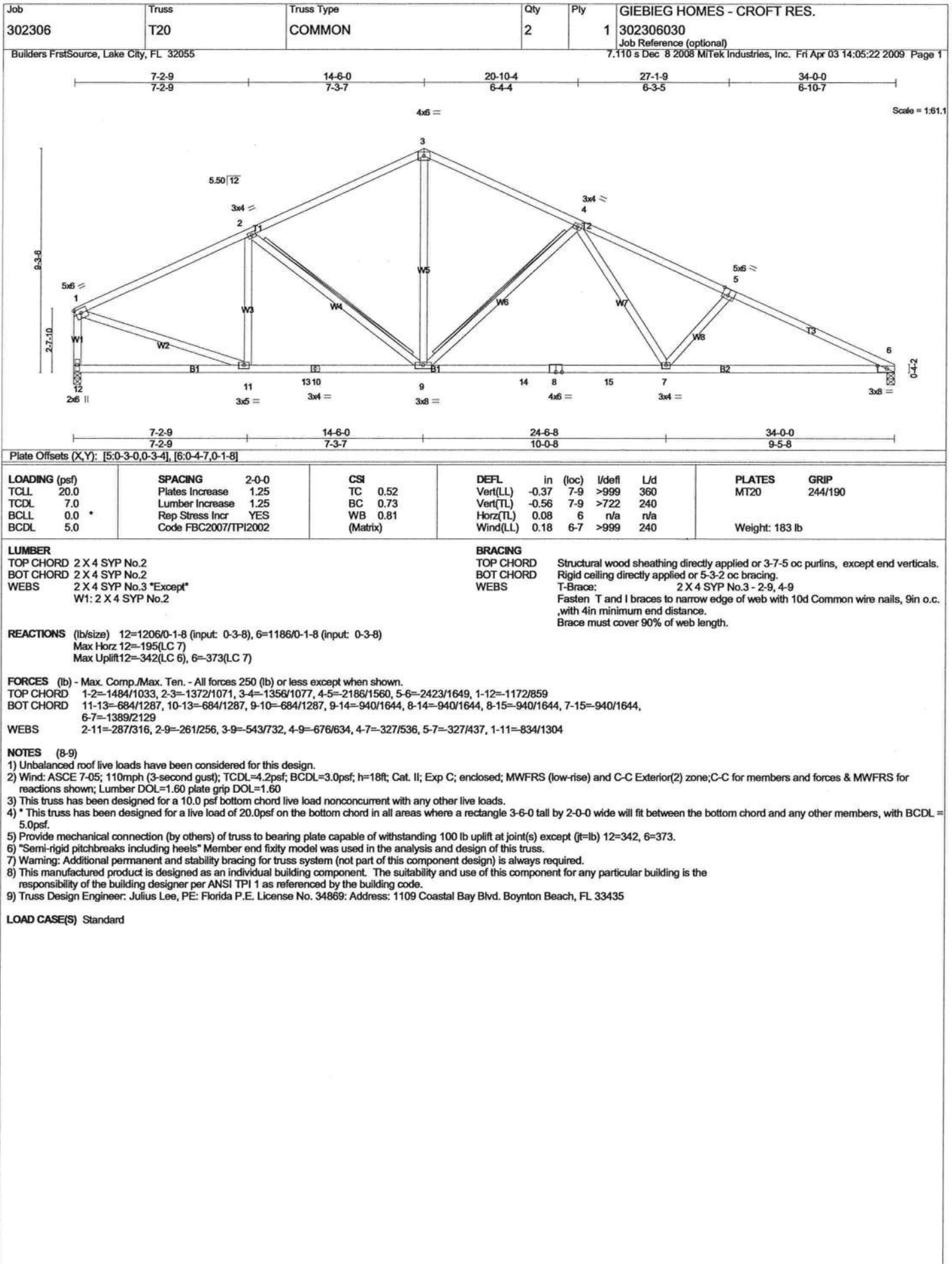
LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-4-12 oc purlins.
BOT CHORD 2 X 4 SYP No.2	Rigid ceiling directly applied or 5-0-10 oc bracing.
WEBS 2 X 4 SYP No.3	T-Brace: 2 X 4 SYP No.3 - 5-12, 6-12, 4-12
	Fasten T and I braces to narrow edge of web with 10d Common wire nails, 9in o.c.
	,with 4in minimum end distance.
	Brace must cover 90% of web length.

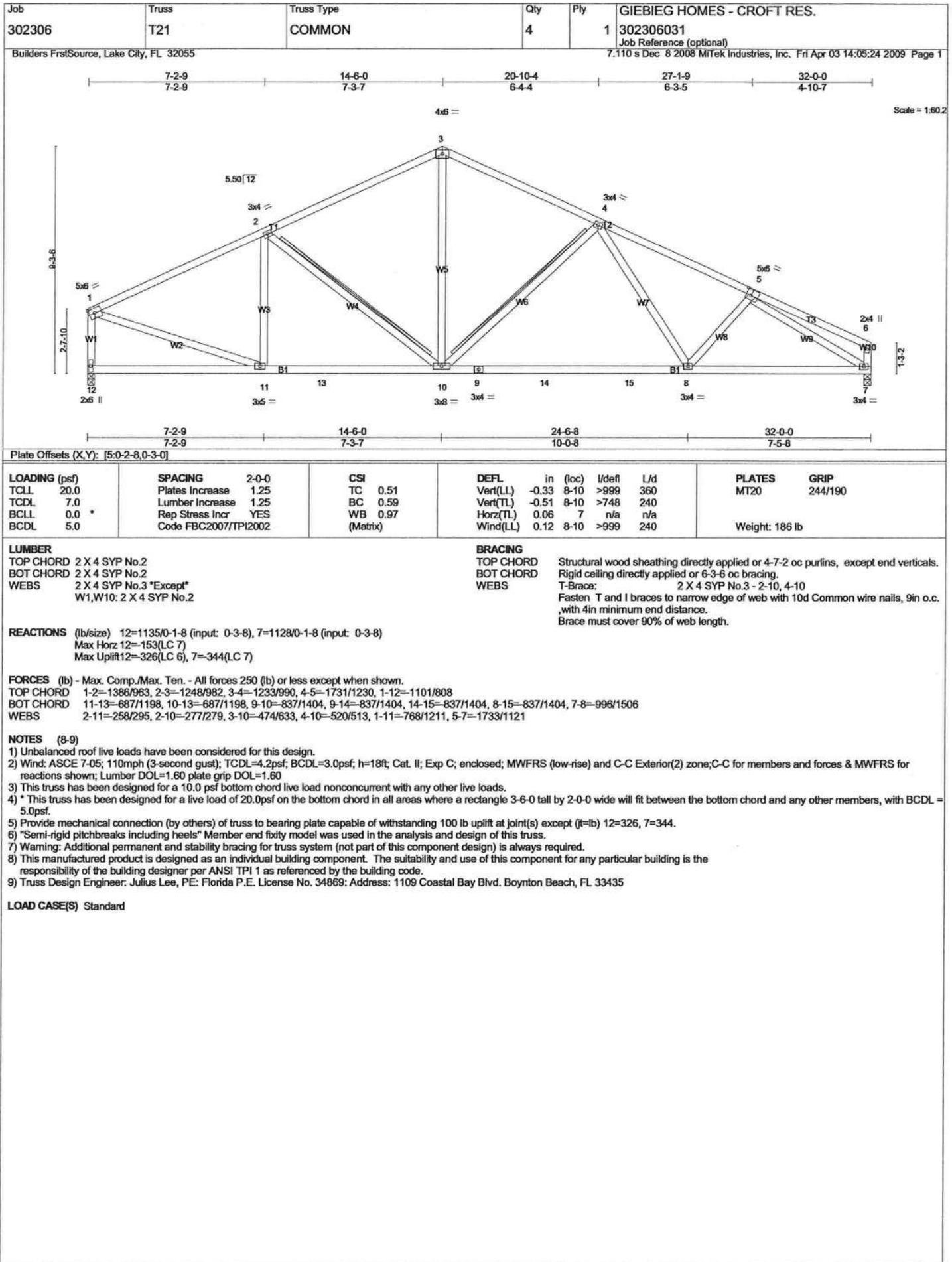
REACTIONS (lb/size) 2=1467/0-1-12 (input: 0-3-8), 8=1467/0-1-12 (input: 0-3-8)
Max Horz 2=164(LC 6)
Max Uplift 2=509(LC 6), 8=509(LC 7)

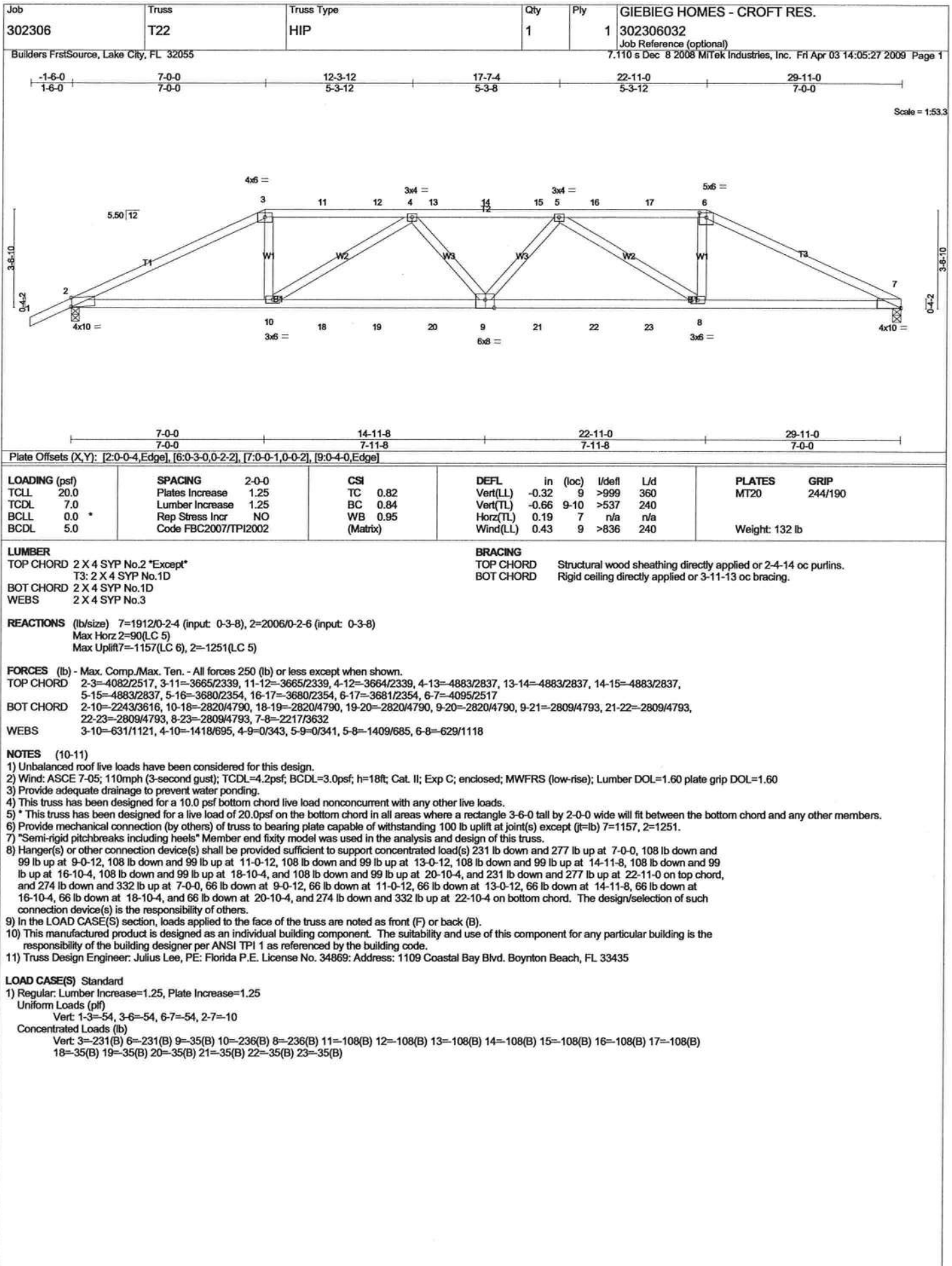
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=2839/1899, 3-4=2607/1818, 4-5=1813/1365, 5-6=1813/1365, 6-7=2607/1818, 7-8=2839/1899
BOT CHORD 2-14=1539/2501, 14-15=1128/2047, 13-15=1128/2047, 13-16=1128/2047, 12-16=1128/2047, 12-17=1128/2047, 11-17=1128/2047, 11-18=1128/2047, 10-18=1128/2047, 8-10=1539/2501
WEBS 5-12=805/1130, 6-12=660/625, 6-10=294/502, 7-10=310/404, 4-12=660/625, 4-14=294/502, 3-14=310/404

- NOTES** (8-9)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 2=509, 8=509.
 - 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 7) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
 - 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

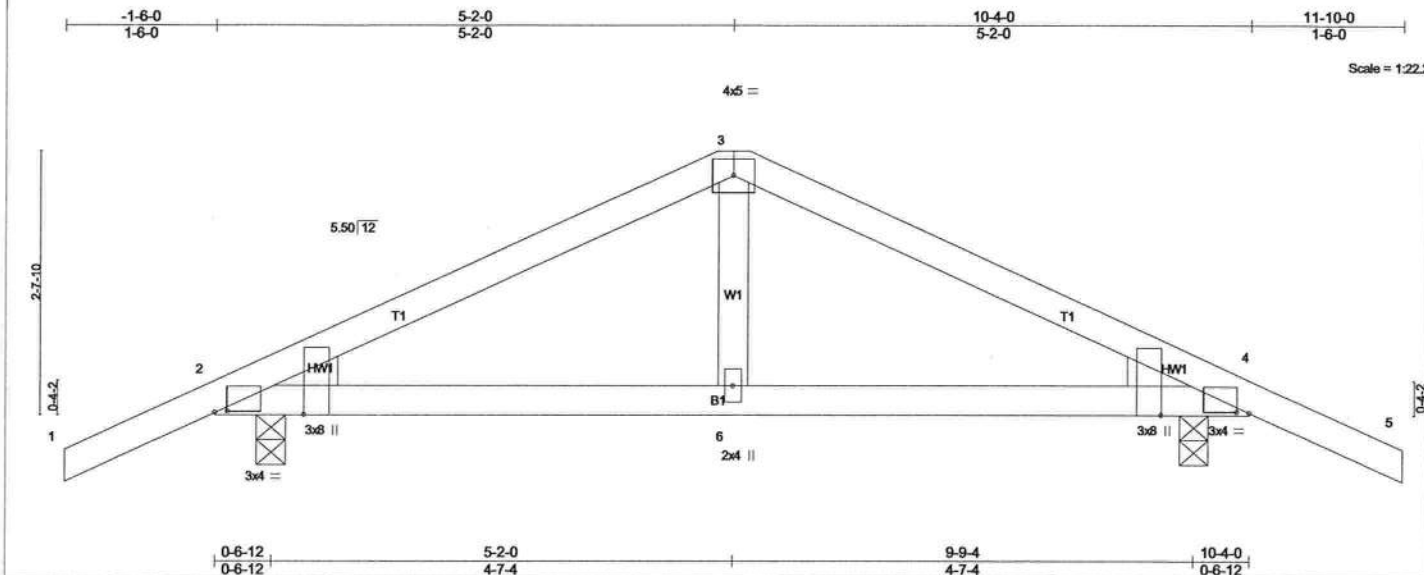
LOAD CASE(S) Standard







Builders FrstSource, Lake City, FL 32055 7.110 s Dec 8 2008 MITek Industries, Inc. Fri Apr 03 14:05:29 2009 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.52	Vert(LL) -0.02	2-6	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.69	Vert(TL) -0.04	2-6	>999	240		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.13	Horz(TL) -0.02	4	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Wind(LL) 0.05	2-6	>999	240	Weight: 42 lb	

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3 WEDGE Left: 2 X 4 SYP No.3, Right: 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 6-4-0 oc bracing.
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REACTIONS (lb/size) 2=601/0-1-8 (input: 0-3-8), 4=601/0-1-8 (input: 0-3-8)
Max Horz 2=66(LC 5)
Max Uplift 2=718(LC 5), 4=718(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=883/1146, 3-4=883/1145
 BOT CHORD 2-6=985/742, 4-6=985/742
 WEBS 3-6=372/399

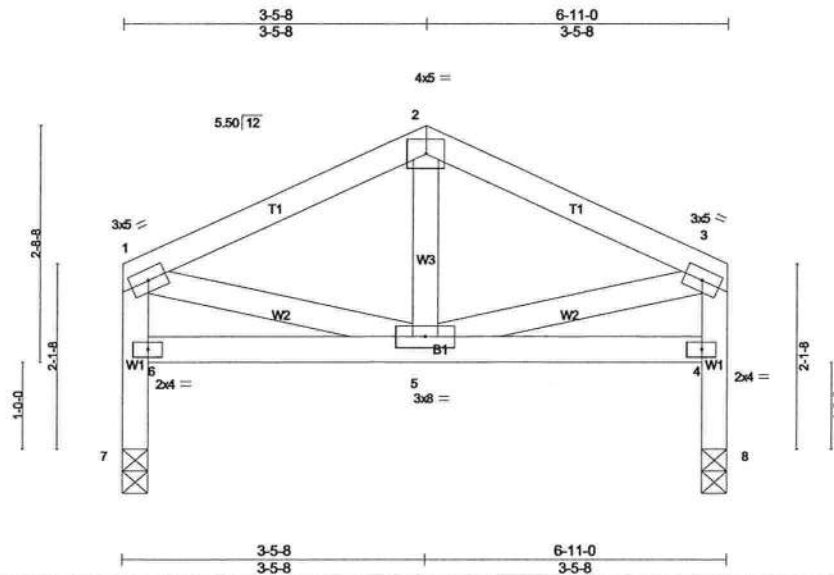
NOTES (9-10)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-05; 110mph (3-second gust); TCDF=4.2psf; BCDF=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); cantilever left and right exposed ; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=718, 4=718.
- 6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 377 lb down and 514 lb up at 5-2-0 on top chord, and 112 lb down and 112 lb up at 5-0-0, and 112 lb down and 112 lb up at 5-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
- 9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 10) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 2-4=-10, 1-3=-54, 3-5=-54
 Concentrated Loads (lb)
 Vert: 3=-297(F) 6=-86(F)

Job 302306	Truss T24	Truss Type COMMON	Qty 1	Ply 1	GIEBIG HOMES - CROFT RES. 302306034 Job Reference (optional) 7.110 s Dec 8 2008 MiTek Industries, Inc. Fri Apr 03 14:05:31 2009 Page 1
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Builders FrstSource, Lake City, FL 32055



Scale = 1:25.4

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.13	Vert(LL) -0.00	4-5	>999	360	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.08	Vert(TL) -0.01	4-5	>999	240		
BCLL 0.0 *	Lumber Increase 1.25	WB 0.06	Horz(TL) -0.01	8	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Wind(LL) 0.01	4-5	>999	240		
	Code FBC2007/TPI2002						Weight: 39 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

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

REACTIONS (lb/size) 7=212/0-1-8 (input: 0-3-8), 8=212/0-1-8 (input: 0-3-8)
Max Horz 7=23(LC 7)
Max Uplift 7=169(LC 6), 8=169(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=215/455, 2-3=215/455, 6-7=212/484, 1-6=195/375, 4-8=212/484, 3-4=195/375
WEBS 1-5=258/125, 3-5=258/125

- NOTES** (8-9)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Bearing at joint(s) 7, 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 7=169, 8=169.
 - "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard

STEPPDOWN CORNER SET

TOP CHORD 2X4 SO. PINE #2 or Better
BOT CHORD 2X4 SO. PINE #2 or Better
WEBS 2X4 SO. PINE #3 or Better

120 MPH MAX

Setback 7' or Less

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED.

UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 7.2 PSF TOTAL DEAD LOAD. WIND SPEED=120 "C" MPH. MEAN HGT=28 FT. ENCLOSED. (ASCE 7-02)

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED. TILE

UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 15.0 PSF TOTAL DEAD LOAD. WIND SPEED=120 "C" MPH. MEAN HGT (of jacks)=28 FT. ENCLOSED. (ASCE 7-02)

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED.

UPLIFT: 400# or Less
BRG LOC: *
UPLIFT BASED ON 7.2 PSF TOTAL DEAD LOAD. WIND SPEED=120 "B" MPH. MEAN HGT (of jacks)=28 FT. ENCLOSED. (ASCE 7-02)

2' TYP. MAX

#2 HIP OR COMMON TRUSS

#1 HIP TRUSS

2' TYP. MAX

CJ

CJ's

CJ

CJ

CJ

1'

CJ CJ CJ EJ EJ EJ

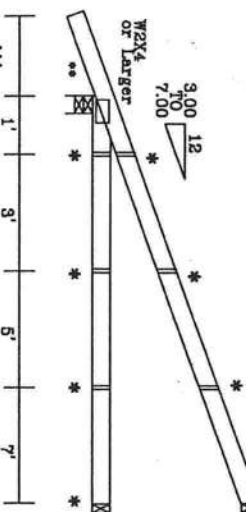
2' O.H. 1'

CJ's

2' TYP. MAX

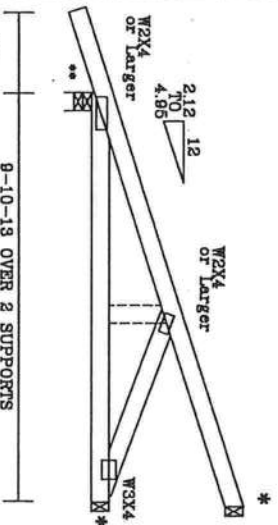
2' TYP. MAX

CJ 1'
CJ 3'
CJ 5'
EJ 7' MAX
ALL HEELS TO BE STANDEAR WITH NO CANTILEVER



END AND CORNER JACKS

HJ ALL HEELS TO BE STANDEAR WITH NO CANTILEVER



HIPJACK

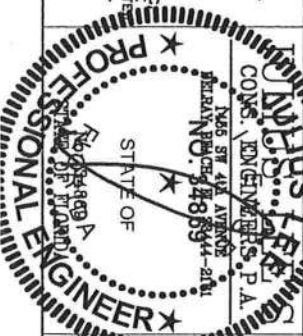
*(3) 16d TOENAILS
** SEE EOR FOR THE DOWN

UPLIFT VALUES DO TAKE INTO ACCOUNT PORCHES EXPOSED
BC LIVE LOAD IS NON CONCURRENT 10*

CORNER SET
SETBACK
7'0" MAX

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS LATH INSTITUTE, 833 DUNFORD DR., SUITE 200, HANOVER, VA 22060, AND A/C-CORNER TRUSS CORNER. THESE FUNCTION UNLESS OTHERWISE INDICATED. TOP CHORD SHALL BE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING INSTRUCTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE TRUSS SHALL BE SPEC BY A/P240 AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA. (V4)S20 ASTM A563 GRADE 40/60 C/V4/S20 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PER ANNEX A3 OF TPI-1-002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THE TRUSS COMPONENT DESIGN SHOWS THE CANTILEVER AND SET OF THE COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

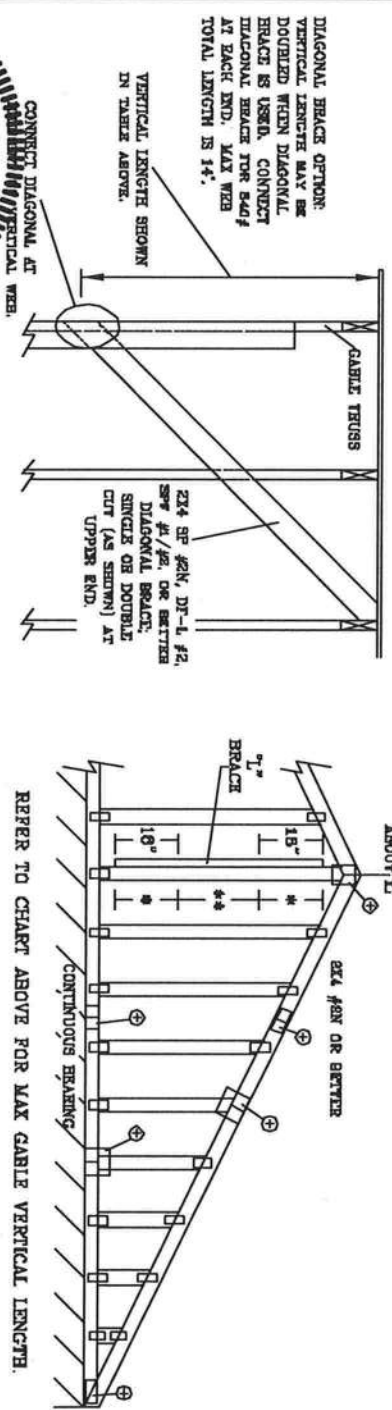


ITEM	QTY	UNIT	DESCRIPTION	REMARKS
1	20	MAX PSF	20 MAX PSF	20 MAX PSF
2	20	MAX PSF	20 MAX PSF	20 MAX PSF
3	10	MAX PSF	10 MAX PSF	10 MAX PSF
4	5	MAX PSF	5 MAX PSF	5 MAX PSF
5	1.25	MAX PSF	1.25 MAX PSF	1.25 MAX PSF
6	2'	MAX PSF	2' MAX PSF	2' MAX PSF
7	1.25	MAX PSF	1.25 MAX PSF	1.25 MAX PSF
8	2'	MAX PSF	2' MAX PSF	2' MAX PSF
9	1.25	MAX PSF	1.25 MAX PSF	1.25 MAX PSF
10	2'	MAX PSF	2' MAX PSF	2' MAX PSF
11	1.25	MAX PSF	1.25 MAX PSF	1.25 MAX PSF
12	2'	MAX PSF	2' MAX PSF	2' MAX PSF
13	1.25	MAX PSF	1.25 MAX PSF	1.25 MAX PSF
14	2'	MAX PSF	2' MAX PSF	2' MAX PSF
15	1.25	MAX PSF	1.25 MAX PSF	1.25 MAX PSF
16	2'	MAX PSF	2' MAX PSF	2' MAX PSF
17	1.25	MAX PSF	1.25 MAX PSF	1.25 MAX PSF
18	2'	MAX PSF	2' MAX PSF	2' MAX PSF
19	1.25	MAX PSF	1.25 MAX PSF	1.25 MAX PSF
20	2'	MAX PSF	2' MAX PSF	2' MAX PSF

REVIEWED
By Julius Lee at 10:52 am, Jun 27, 2008

ASCE 7-02: 130 MPH WIND SPEED, 16' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

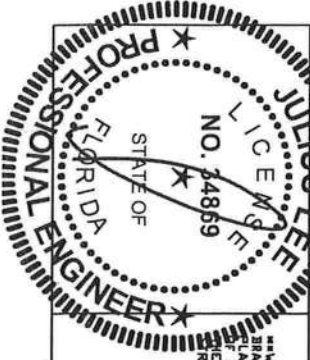
MAX GABLE VERTICAL LENGTH		BRACE		NO		(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X8 "L" BRACE **	
CABLE VERTICAL SPACING	SPECIES	GRADE	BRACES	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
12" O.C.	SPF	#1 / #2	3' 4"	6' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	12' 11"	13' 3"	13' 3"
		#3	3' 3"	4' 11"	4' 11"	6' 6"	8' 3"	8' 3"	8' 3"	10' 1"	10' 1"	12' 11"	12' 11"	12' 11"	12' 11"
		STUD	3' 3"	4' 11"	4' 11"	6' 5"	8' 3"	8' 3"	8' 3"	10' 0"	10' 0"	12' 11"	12' 11"	12' 11"	12' 11"
	HF	STANDARD	3' 3"	4' 2"	4' 2"	5' 6"	7' 5"	7' 5"	7' 5"	8' 8"	8' 8"	11' 8"	11' 8"	13' 11"	13' 11"
		#1	3' 8"	5' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 3"	10' 10"	11' 8"	12' 11"	12' 11"	13' 11"	13' 11"
		#2	3' 7"	6' 10"	6' 3"	6' 11"	7' 5"	8' 3"	8' 3"	10' 10"	11' 8"	12' 11"	12' 11"	13' 11"	13' 11"
16" O.C.	SPF	#1 / #2	3' 6"	5' 0"	5' 0"	6' 0"	6' 8"	8' 3"	8' 3"	10' 3"	10' 3"	12' 11"	12' 11"	13' 7"	13' 7"
		#3	3' 6"	5' 0"	5' 0"	6' 0"	6' 8"	8' 3"	8' 3"	10' 3"	10' 3"	12' 11"	12' 11"	13' 7"	13' 7"
		STUD	3' 4"	4' 3"	4' 3"	5' 8"	5' 8"	7' 8"	7' 8"	8' 10"	8' 10"	12' 0"	12' 0"	12' 0"	12' 0"
	HF	STANDARD	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		#1 / #2	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		#3	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"
24" O.C.	SPF	#1 / #2	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		#3	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"
	HF	STANDARD	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		#1 / #2	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		#3	3' 9"	5' 8"	6' 0"	6' 10"	7' 11"	8' 5"	8' 5"	10' 5"	10' 5"	12' 4"	12' 4"	14' 0"	14' 0"



BRACING GROUP SPECIES AND GRADES:			
GROUP A:		GROUP B:	
SPECIES-PINE-YR	GRADE	SPECIES-PINE-YR	GRADE
#1 / #2	STUD	#1 / #2	STUD
#3	STUD	#3	STUD
STANDARD	STUD	STANDARD	STUD

CABLE TRUSS DETAIL NOTES:
 LIVE LOAD DEFLECTION CRITERIA IS $L/240$.
 PROVIDE UPLIFT CONNECTIONS FOR 136 PLF OVER CONTINUOUS BEAMING (6 PSF TO DEAD LOAD).
 CABLE END SUPPORTS LOAD FROM 4' 0" OUTDOORS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
 ATTACH EACH "L" BRACE WITH 104 NAILS.
 * FOR (1) "L" BRACE: SPACE NAILS AT 8" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
 ** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
 "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

CABLE VERTICAL PLATE SIZES			
VERTICAL LENGTH	NO. SPICES	LESS THAN 4' 0"	4' 0" OR GREATER
LESS THAN 4' 0"	NO. SPICES	LESS THAN 4' 0"	4' 0" OR GREATER
GREATER THAN 4' 0"	2X4	LESS THAN 4' 0"	4' 0" OR GREATER
GREATER THAN 11' 6"	2.5X4	LESS THAN 4' 0"	4' 0" OR GREATER



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO SECTIONS 1-40 (BUILDING CONCEPT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 383 DUNSTON DR., SUITE 200, MAINTON, VA 22070 AND VITA CYCLO TRUSS COUNCIL, 1000 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136 FOR SAFETY PRACTICES PRIOR TO PERFORMING STRUCTURAL PANELS AND DETAIL DESIGN SHALL HAVE A PROPERLY ATTACHED REED CEILING.

JULIUS LEE'S
 CONSULTING ENGINEERS P.A.
 1455 ST. 4th AVENUE
 MIAMI BEACH, FL 33444-5161

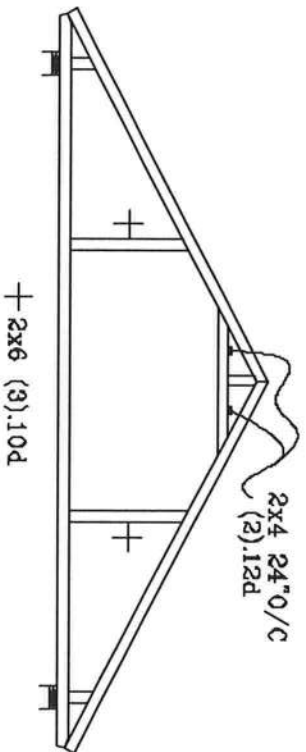
No. 34869
 STATE OF FLORIDA

REVIEWED
 By Julius Lee at 12:00 pm, Jun 11, 2008

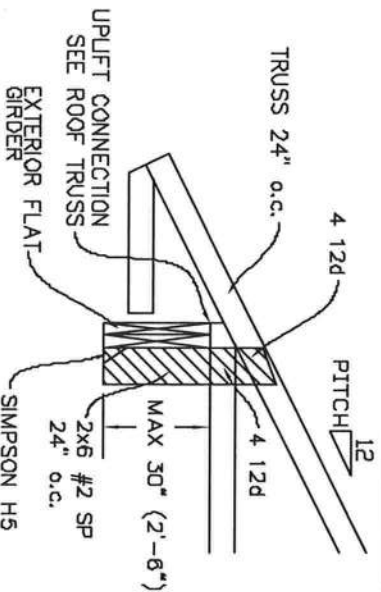
MAX. TOT. LD. 60 PSF
 MAX. SPACING 24.0"

REF ASCE 7-02-CAR13015
 DATE 11/26/03
 DRWG MTRX STD CABLE IS E BT
 -ENG

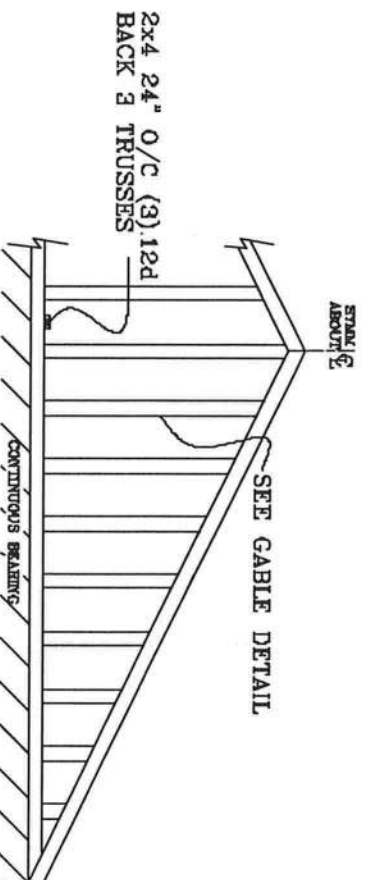
TYPICAL ATTIC TRUSS BRACING



TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS

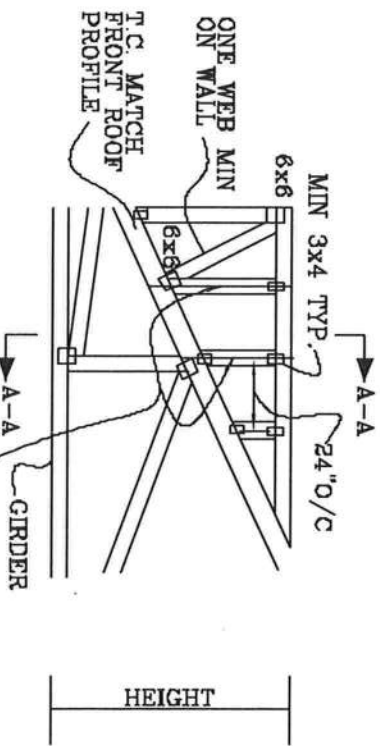


GABLE END TRUSS DETAIL



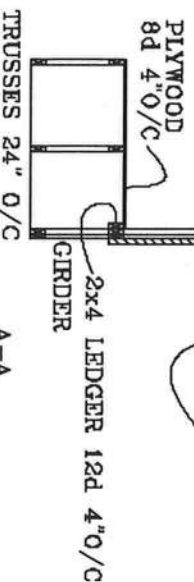
MINIMUM BC BRACING ON GABLE TRUSS. OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



SEE ROOF TRUSSES FOR UPLIFT

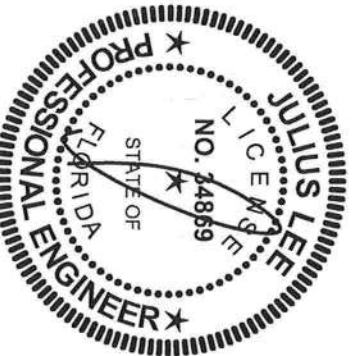
SEE GABLE END DETAIL FOR T-BRACE BEHIND EACH VERTICAL



PLYWOOD 8d 4" O/C

A-A

No. 34868
STATE OF FLORIDA



REVIEWED
By Julius Lee at 11:59 am, Jun 11, 2008

JULIUS LEE'S
CONS. ENGINEERS P.A.
1456 SW 4TH AVENUE
OCEAR BEACH, FL 33444-2161

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

PIGGYBACK DETAIL

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

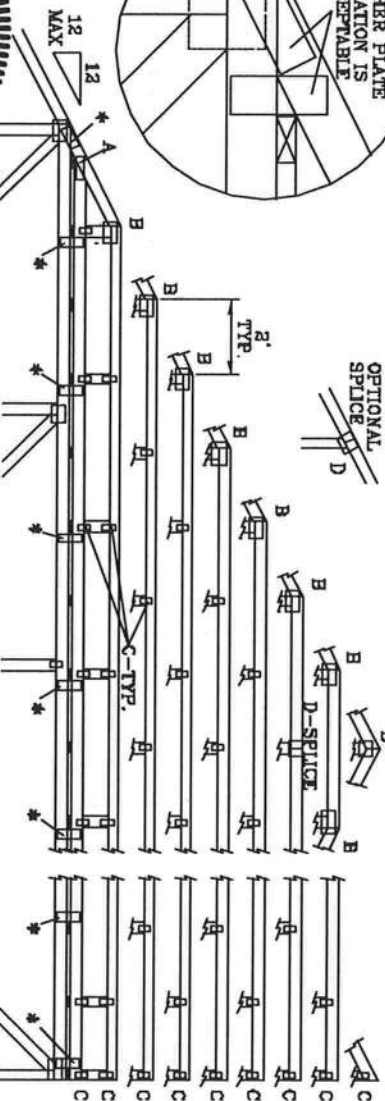
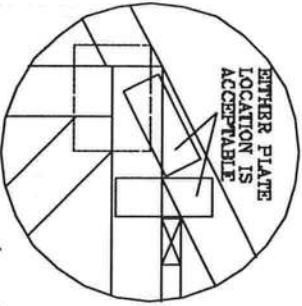
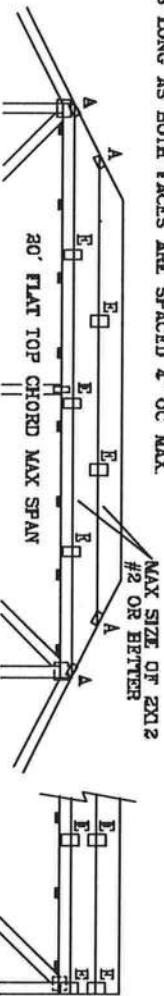
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

110 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, 1 MI FROM COAST
CAT I, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF
110 MPH WIND, 30' MEAN HGT, EFC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL=5 PSF, WIND BC DL=5 PSF

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=6 PSF, WIND BC DL=6 PSF

FRONT FACE (E*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

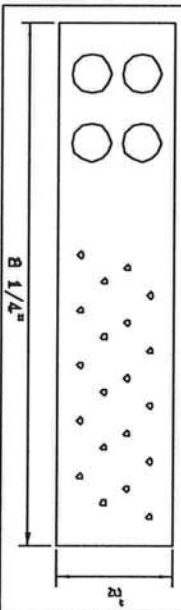


JOINT TYPE	SPANS UP TO		
	30'	34'	38'
A	2X4	2.5X4	2.5X4
B	4X6	6X6	6X6
C	1.5X3	1.5X4	1.5X4
D	5X4	6X6	6X6
E	4X6 OR 3X6 TRUSS AT 4' OC, ROTATED VERTICALLY		

ATTACH TRUSS PLATES WITH (6) 0.120" X 1.375" NAILS OR EQUAL PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRUSS INFORMATION.

WEB LENGTH	WEB BRACING CHART
0' TO 7'9"	NO BRACING
7'9" TO 10'	1X4 "T" BRACE, SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 6d NAILS AT 4' OC.
10' TO 14'	2X4 "T" BRACE, SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4' OC.

* PIGGYBACK SPECIAL PLATE
ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634.016 634.017 & 847.045

JULIUS LEE'S
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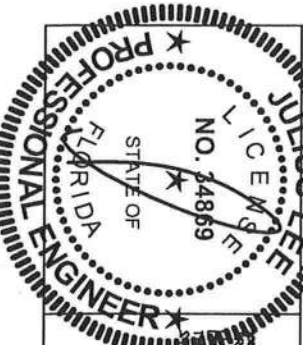
1400 SW 4th AVENUE
DEER BEACH, FL 33441-2161

MAX LOADING

55 PSF AT
1.33 DUR. FAC.
60 PSF AT
1.25 DUR. FAC.
47 PSF AT
1.15 DUR. FAC.

REF PIGGYBACK
DATE 09/12/07
DRWG/ITEK STD PIGGY
-ENG JL

REVIEWED
By Julius Lee at 11:59 am, Jun 11, 2008



No. 34869
STATE OF FLORIDA

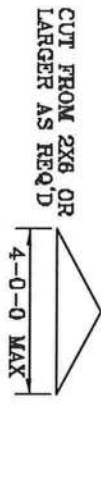
SPACING 24.0"

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

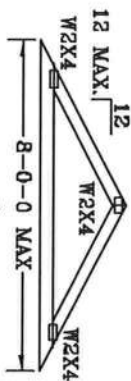
3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).
ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH:
(2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR
FBC 2004 110 MPH. ASCE 7-02 110 MPH WIND OR (3) 16d FOR
ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED
BUILDING. EXP. C. RESIDENTIAL. WIND TC D1-5 PSF.

ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH:

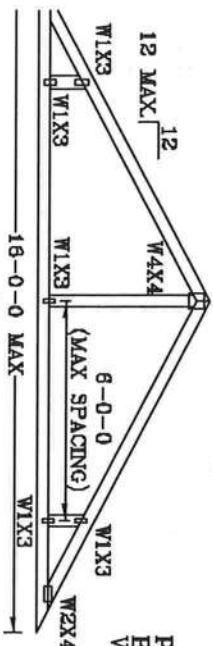
(2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR FHC 2004 110 MPH. ASCE 7-02 110 MPH WIND OR (3) 16d FOR ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=6 PSF.



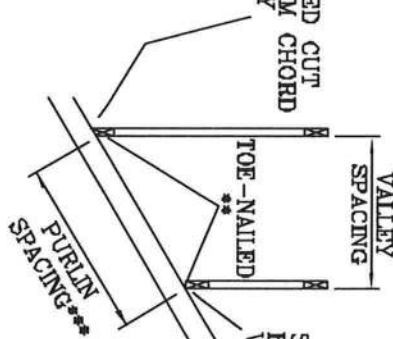
CUT FROM 2X6 OR
LARGER AS REQ'D



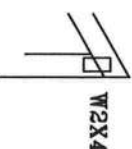
12 MAX. $\sqrt{12}$



**PITCHED CUT
BOTTOM CHORI
VALLEY**



SQUARE CUT
BOTTOM CHORD
VALLEY



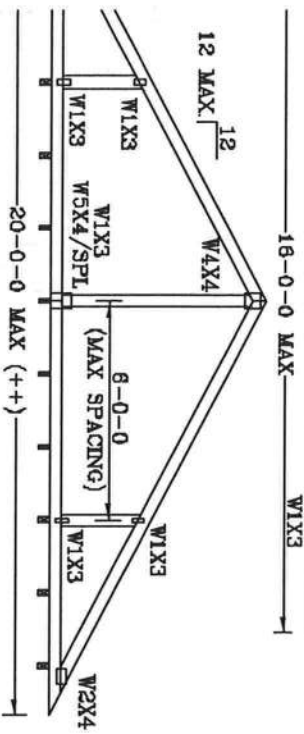
W2X4



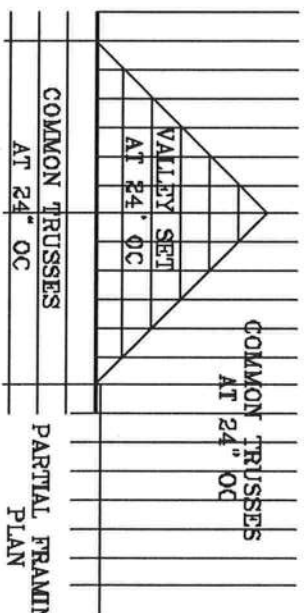
W4X

OPTIONAL STUB
END DETAIL

OPTIONAL HIP
JOINT DETAIL



20-0-0 MAX (++)——
TRUSSES AT 24" OC MAXIMUM SPACING.



COMMON TRUSSES
AT 24" OC

PARTIAL FRAMING PLAN

THIS DRAWING REPLACES DRAWING A105

PROCESS, REQUIRE EXTREME CARE FABRICATING, HANDLING, SHIPPING, INSTALLING AND REPAIRING. REFER TO BEST-10 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE (FIRBS) FIRE INSURANCE UNDERWRITERS ASSOCIATION, 1000 MARKET STREET, SUITE 200, WASHINGTON, VA 22797 AND VITAC CYCLOM THERMOCHEMICAL AMERICA, 6300 DUFFIN DRIVE, WILMINGTON, OH 43790 FOR SAFETY PRACTICES PRIOR TO PERFORMING SUCH FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CYCLO SHALL HAVE PROPERLY ATTACHED ELECTRICAL PANELS AND BATTERY CHARGE SHALL HAVE A PROPERLY ATTACHED TOP CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.

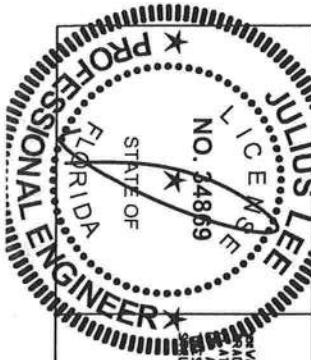
1433 3RD AVENUE
LIBRARY BEACH, IL 60444-2161

TC LL	20	20	PSF	REF	VALLEY DETAIL
TC DL	7	15	PSF	DATE	11/26/03
BC DL	5	5	PSF	DRWG	VALTRUSS1103
BC LL	0	0	PSF	-ENG JL	
TOT. LD.	32	40	PSF		
DUR.FAC.125		125			
SPACING	24"				

REVIEWED

By Julius Lee at 11:59 am, Jun 11, 2008

STATE OF FLORIDA
No. 34869



TOE-NAIL DETAIL

TOE-NAILS TO BE DRIVEN AT AN ANGLE OF APPROXIMATELY THIRTY DEGREES WITH THE PIECE AND STARTED APPROXIMATELY ONE-THIRD THE LENGTH OF THE NAIL FROM THE END OF THE MEMBER.

PER ANSI/AF&PA NDS-2001 SECTION 12.4.1 - EDGE DISTANCE, END DISTANCE, SPACING, EDGE DISTANCES, END DISTANCES AND SPACINGS FOR NAILS AND SPIKES SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.

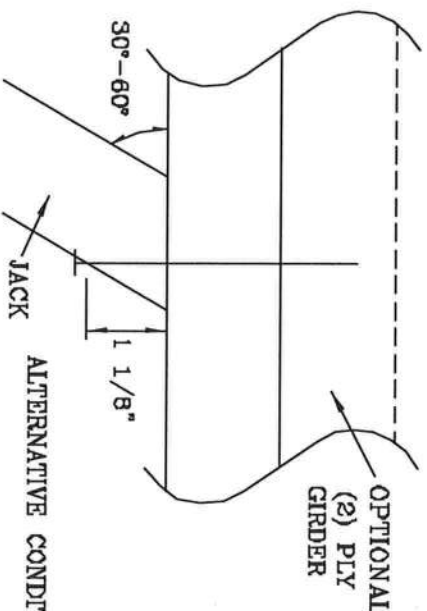
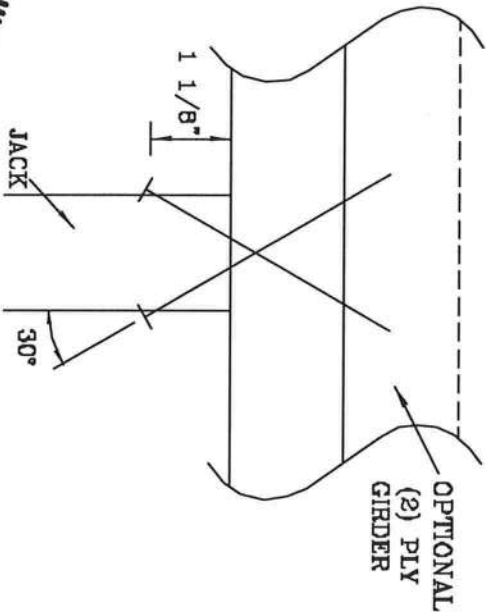
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

THIS DETAIL DISPLAYS A TOE-NAILED CONNECTION FOR JACK FRAMING INTO A SINGLE OR DOUBLE PLY SUPPORTING GIRDER.

MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"x3.5") COMMON TOE-NAILS

NUMBER OF TOE-NAILS	SOUTHERN PINE		DOUGLAS FIR-LARCH		HEM-FIR		SPRUCE PINE FIR	
	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS
2	187#	256#	181#	234#	156#	203#	154#	199#
3	296#	383#	271#	351#	234#	304#	230#	298#
4	394#	511#	361#	468#	312#	406#	307#	397#
5	483#	638#	452#	585#	390#	507#	384#	496#

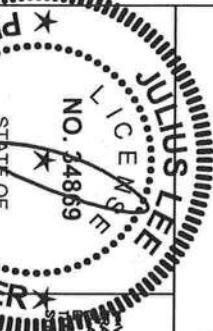
ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR.



THIS DRAWING REPLACES DRAWING 784040

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND SPACING. REFER TO BEST 1-93 CHORDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS INSTITUTE, 588 PRINCEFORD DR., SUITE 200, NATION, VA 20719 AND VITA (WOOD TRUSS COORDINATING COMMITTEE) 1500 ENTERPRISE, L.A. NATION, VA 20719 FOR SAFETY PRACTICES PRIOR TO PERFORMING TRUSS CONSTRUCTION. ALL TRUSS ATTACHED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAINS AND BATTEN CHORD SHALL HAVE A PROPERLY ATTACHED ROOF CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.
1490 BY 4TH AVENUE
DELMAR BEACH, FL 33441-2161



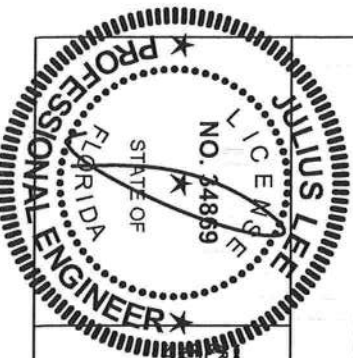
REVIEWED
By Julius Lee at 11:59 am, Jun 11, 2006

No. 34869
STATE OF FLORIDA

TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONALL103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.
BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM
OF 1/16" LARGER THAN BOLT DIAMETER.

TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.

[illegible]

REVIEWED
By Julius lee at 11:59 am, Jun 11, 2008

**JULIUS LEE'S
CONS. ENGINEERS P.A.
1425 57 4th AVENUE
DELRAY BEACH, FL 33444-2101**

TC LL	PSF	REF	BOLT SPACING
TC DL	PSF	DATE	11/28/03
BC DL	PSF	DRWG	CNBOLTSPI103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

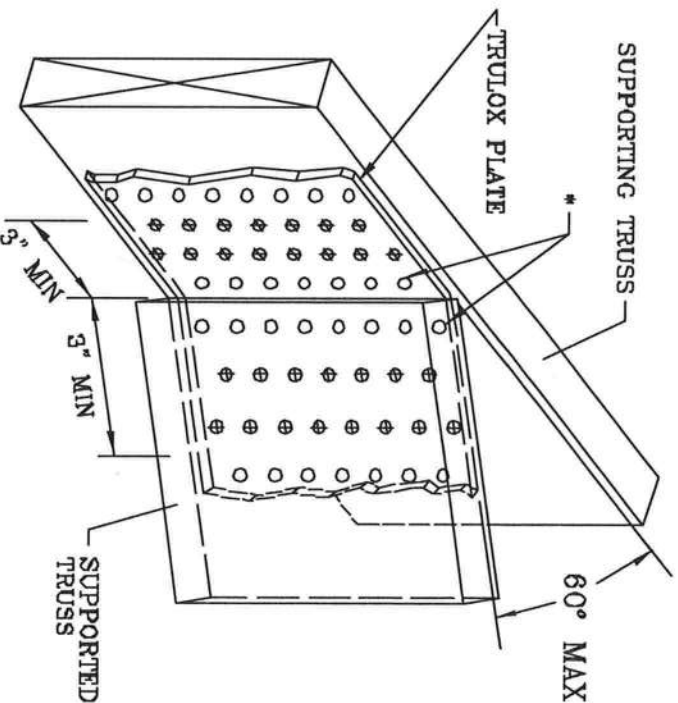
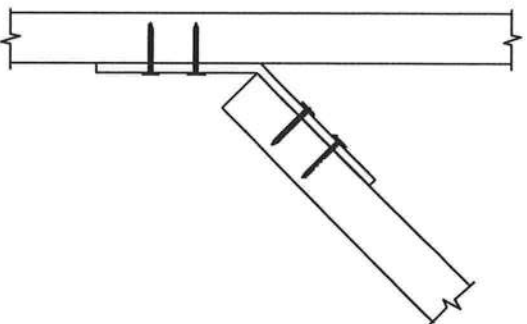
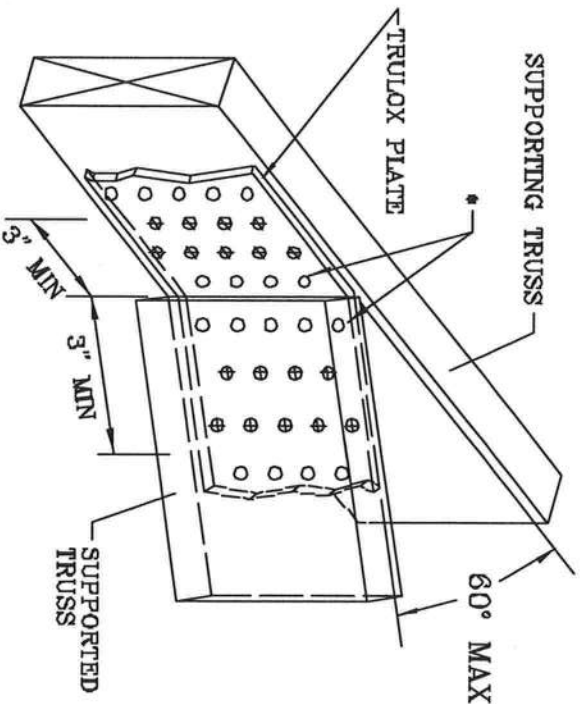
TRULOX CONNECTION DETAIL

11 GAUGE (0.120" X 1.375") NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. FILL ROWS COMPLETELY WHERE SHOWN (Φ).

* NAILS MAY BE OMITTED FROM THESE ROWS.

THIS DETAIL MAY BE USED WITH SO, PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

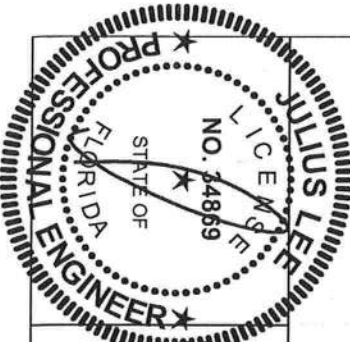
TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.
REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



MINIMUM 3X6 TRULOX PLATE

TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
5X6	15	990#

REVIEWED
By Julius Lee at 11:58 am, Jun 11, 2008



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SUPPORTING, INSTALLING AND BRACING. REFER TO AC308-1-93 (BUILDING COMPONENT SAFETY DEFORMATION, PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 10 SOUTH WILSON AVENUE, CHICAGO, ILL. 60606) FOR TRUSS CONNECTIONS. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

JULIUS LEE'S
CONS. ENGINEERS P.A.

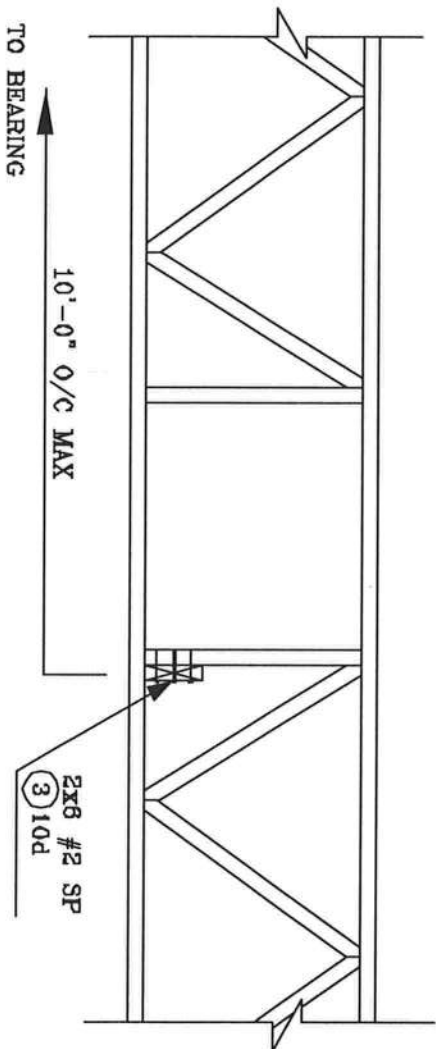
1455 SW 4th AVENUE
DELRAY BEACH, FL 33444-8181

No: 34869
STATE OF FLORIDA

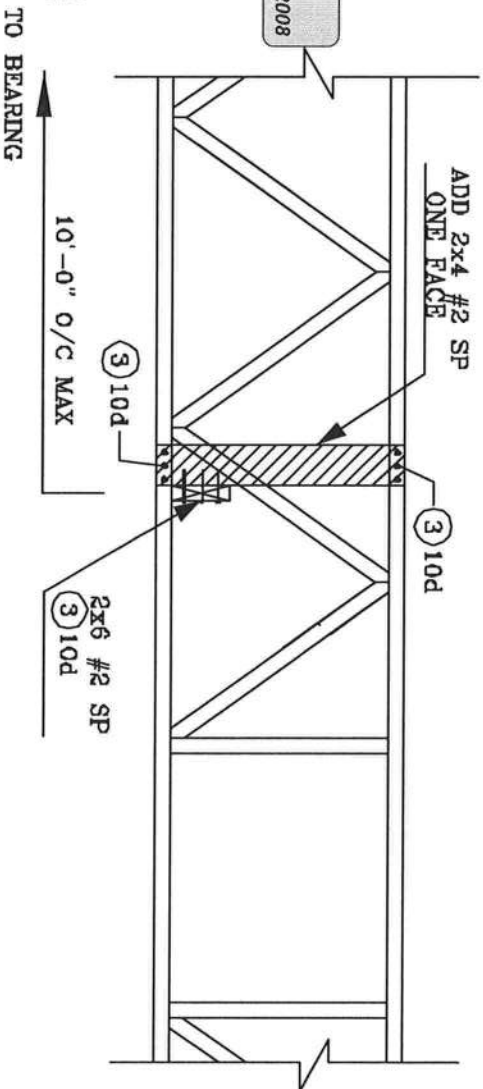
THIS DRAWING REPLACES DRAWINGS 1,158,989 1,158,988/R
1,154,844 1,152,217 1,152,017 1,159,154 & 1,151,524

REF	TRULOX
DATE	11/26/03
DRWG	CNTRULOX1103
-ENG	JL

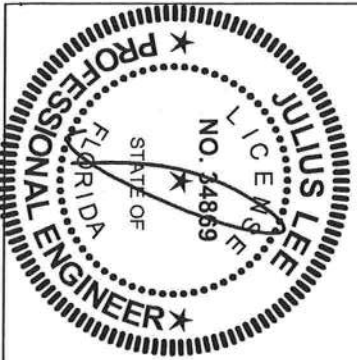
STRONG BACK DETAIL SYSTEM-42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



REVIEWED
By Julius Lee at 11:58 am, Jun 11, 2008

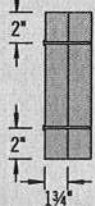

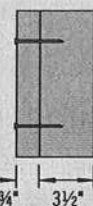
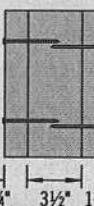
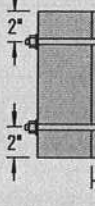



JULIUS LEE'S
CONS. ENGINEERS P.A.
1465 SW 41st AVENUE
DEERBAY BEACH, FL 33444-2161

No: 34869
STATE OF FLORIDA

MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

Maximum Uniform Load Applied to Either Outside Member (PLF)

Connector Type	Number of Rows	Connector On-Center Spacing	Connector Pattern					
			Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
								
			3 1/2" 2-ply	5 1/4" 3-ply	5 1/4" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail ⁽¹⁾	2	12"	370	280	280	245		
	3	12"	555	415	415	370		
1/2" A307 Through Bolts ⁽²⁾⁽⁴⁾	2	24"	505	380	520	465	860	340
		19.2"	635	475	655	580	1,075	425
		16"	760	570	785	695	1,290	505
SDS 1/4" x 3 1/2" ⁽⁴⁾	2	24"	680	510	510	455		
		19.2"	850	640	640	565		
		16"	1,020	765	765	680		
SDS 1/4" x 6" ⁽³⁾⁽⁴⁾	2	24"				455	465	455
		19.2"				565	580	565
		16"				680	695	680
USP WS35 ⁽⁴⁾	2	24"	480	360	360	320		
		19.2"	600	450	450	400		
		16"	715	540	540	480		
USP WS6 ⁽³⁾⁽⁴⁾	2	24"				350	525	350
		19.2"				440	660	440
		16"				525	790	525
3 3/8" TrussLok ⁽⁴⁾	2	24"	635	475	475	425		
		19.2"	795	595	595	530		
		16"	955	715	715	635		
5" TrussLok ⁽⁴⁾	2	24"		500	500	445	480	445
		19.2"		625	625	555	600	555
		16"		750	750	665	725	665
6 3/4" TrussLok ⁽⁴⁾	2	24"				445	620	445
		19.2"				555	770	555
		16"				665	925	665

(1) Nailed connection values may be doubled for 6" on-center or tripled for 4" on-center nail spacing.

(2) Washers required. Bolt holes to be 3/16" maximum.

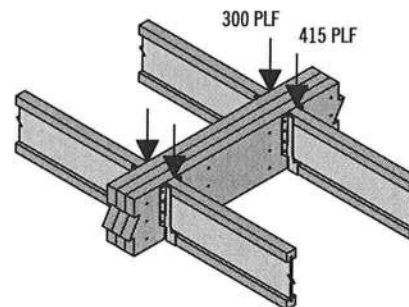
(3) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

(4) 24" on-center bolted and screwed connection values may be doubled for 12" on-center spacing.

General Notes

- Connections are based on NDS® 2005 or manufacturer's code report.
- Use specific gravity of 0.5 when designing lateral connections.
- Values listed are for 100% stress level. Increase 15% for snow-loaded roof conditions or 25% for non-snow roof conditions, where code allows.
- Bold Italic** cells indicate **Connector Pattern** must be installed on both sides. Stagger fasteners on opposite side of beam by 1/2 the required **Connector Spacing**.
- Verify adequacy of beam in allowable load tables on pages 16–33.
- 7" wide beams should be side-loaded only when loads are applied to both sides of the members (to minimize rotation).
- Minimum end distance for bolts and screws is 6".
- Beams wider than 7" require special consideration by the design professional.

Uniform Load Design Example



First, check the allowable load tables on pages 16–33 to verify that three pieces can carry the total load of 715 plf with proper live load deflection criteria. Maximum load applied to either outside member is 415 plf. For a 3-ply 1 3/4" assembly, two rows of 10d (0.128" x 3") nails at 12" on-center is good for only 280 plf. Therefore, use three rows of 10d (0.128" x 3") nails at 12" on-center (good for 415 plf).

Alternates:

Two rows of 1/2" bolts or SDS 1/4" x 3 1/2" screws at 19.2" on-center.

MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

Point Load—Maximum Point Load Applied to Either Outside Member (lbs)

Connector Type	Number of Connectors	Connector Pattern					
		Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
		3 1/2" 2-ply	5 1/4" 3-ply	5 1/4" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail	6	1,110	835	835	740		
	12	2,225	1,670	1,670	1,485		
	18	3,335	2,505	2,505	2,225		
	24	4,450	3,335	3,335	2,965		
SDS Screws 1/4" x 3 1/2" or WS35 1/4" x 6" or WS6(1)	4	1,915	1,435(4)	1,435	1,275	1,860(2)	1,405(2)
	6	2,870	2,150 (4)	2,150	1,915	2,785(2)	2,110(2)
	8	3,825	2,870 (4)	2,870	2,550	3,715(2)	2,810(2)
3 3/8" or 5" TrussLok™	4	2,545	1,910 (4)	1,910	1,695	1,925(3)	1,775(3)
	6	3,815	2,860 (4)	2,860	2,545	2,890(3)	2,665(3)
	8	5,090	3,815 (4)	3,815	3,390	3,855(3)	3,550(3)

(1) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

(2) 6" long screws required.

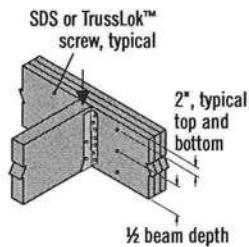
(3) 5" long screws required.

(4) 3 1/2" and 3 3/8" long screws must be installed on both sides.

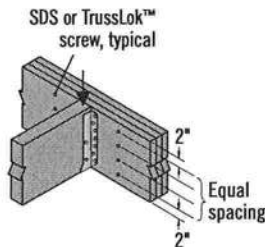
See General Notes on page 38

Connections

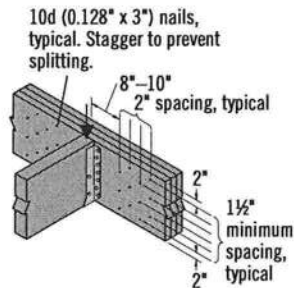
4 or 6 or Screw Connection



8 Screw Connection

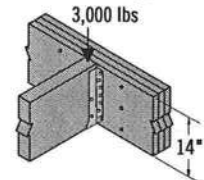


Nail Connection



There must be an equal number of nails on each side of the connection

Point Load Design Example



First, verify that a 3-ply 1 3/4" x 14" beam is capable of supporting the 3,000 lb point load as well as all other loads applied. The 3,000 lb point load is being transferred to the beam with a face mount hanger. For a 3-ply 1 3/4" assembly, eight 3 3/8" TrussLok™ screws are good for 3,815 lbs with a face mount hanger.

MULTIPLE-MEMBER CONNECTIONS FOR TOP-LOADED BEAMS

1 3/4" Wide Pieces

- Minimum of three rows of 10d (0.128" x 3") nails at 12" on-center.
- Minimum of four rows of 10d (0.128" x 3") nails at 12" on-center for 14" or deeper.
- If using 12d-16d (0.148"-0.162" diameter) nails, the number of nailing rows may be reduced by one.
- Minimum of two rows of SDS, WS, or TrussLok™ screws at 16" on-center. Use 3 3/8" minimum length with two or three plies; 5" minimum for 4-ply members. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. For 3- or 4-ply members, connectors must be installed

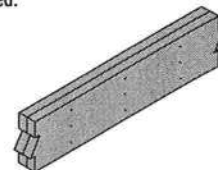
on both sides. Stagger fasteners on opposite side of beam by 1/2 of the required connector spacing.

- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.

3 1/2" Wide Pieces

- Minimum of two rows of SDS, WS, or TrussLok™ screws, 5" minimum length, at 16" on-center. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. Connectors must be installed on both sides. Stagger fasteners on opposite side of beam by 1/2 of the required connector spacing.

- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.
- Minimum of two rows of 1/2" bolts at 24" on-center staggered.



Multiple pieces can be nailed or bolted together to form a header or beam of the required size, up to a maximum width of 7"

L6

Columbia County Building Department

Culvert Waiver

Culvert Waiver No.
000001729

DATE: 05/04/2009

BUILDING PERMIT NO. 27790

APPLICANT B. TRENT GIEBEIG

PHONE 386.397.0545

ADDRESS 697 SE HOLLY TERRACE

LAKE CITY

FL 32025

OWNER ALECIA L. CROFT

PHONE 386.623.0276

ADDRESS 601 SW BRODERICK DRIVE

LAKE CITY

FL 32025

CONTRACTOR B. TRENT GIEBEIG

PHONE 386.397.0545

LOCATION OF PROPERTY 47-S TO BRODERICK,TR 2ND FROM END ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNITSADDLE OF THE SOUTH ESTATES 9

PARCEL ID # 18-4S-17-08466-109

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:

**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:

SIGNED:

DATE:

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



Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

by the licensed Pest Control Company.

The burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

27790

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB109476 Company Phone No. 386-755-3811 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Trent Gieberg Const. Company Phone No. 397-0545

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Aleria Croft
601 SW Broderick Dr.
Lake City, FL 32024
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 5/13/09
Brand Name of Product(s) Used Termidor
EPA Registration No. 29104-210
Approximate Final Mix Solution % .06%
Approximate Size of Treatment Area: Sq. ft. 2830 Linear ft. 254 Linear ft. of Masonry Voids 240
Approximate Total Gallons of Solution Applied 588 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 5/13/09

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

27790

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City Lake City State FL Zip 32058
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Edgley Construction Company Phone No. 752-0580

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Kenneth Stapleton
Khetucknee Meadows S/D 335 SE Freedom Ct.
Lot # 19 Ft. White, FL 32038
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 1' Inside 1' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 6/4/09
Brand Name of Product(s) Used Bifen XTS
EPA Registration No. 53883-189
Approximate Final Mix Solution % 0.6%
Approximate Size of Treatment Area: Sq. ft. 2751 Linear ft. 291 Linear ft. of Masonry Voids 275
Approximate Total Gallons of Solution Applied 450 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) C. Lacey Certification No. (if required by State law) JP104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 6/4/09

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

CERTIFICATE OF OCCUPANCY

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-17-08466-109

Building permit No. 000027790

Use Classification SFD/UTILITY

Fire: 23.17

Permit Holder B. TRENT GIEBEIG

Waste: 0.00

Owner of Building ALECIA L. CROFT

Total: 23.17

Location: 601 SW BRODERICK DRIVE, LAKE CITY, FL

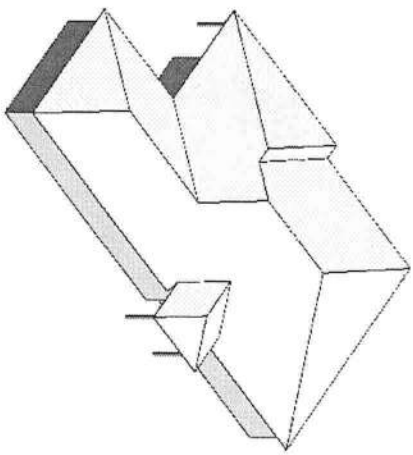
Date: 09/21/2009

Wayne D. Russ

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)



5.5/12 PITCH - 1'-6" O/H

BEARING HEIGHT SCHEDULE

	9'-1 1/8"
	10'-1 1/8"

NOTES:

- 1) REFER TO HD 91 RECOMMENDATIONS FOR HANGING INSTALLATION AND TEMPORARY BEARING. REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
- 2) ALL TRUSSES, INCLUDING TRUSSES UNDER VALLEY FRAMING, MUST BE COMPLETELY DECKED OR REFER TO DETAIL V09 FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2' O.C. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SPONGE ON PLACEMENT. R-AN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
- 6) 5/4x2 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL 400# TRUSS HANGERS TO BE SHIPSON 1002 UNLESS OTHERWISE NOTED. ALL 1002 UNLESS OTHERWISE NOTED. SHIPSON 1002 UNLESS OTHERWISE NOTED.
- 8) BEAM/DECK/INTEL (NOS) TO BE FINISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND JOISTS. ALL PREVIOUS AGREEMENTS, OR OTHER TRUSS LAYOUTS, REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Engineered Drawing Date: _____

Approved by: _____



Bunnell

PHONE: 904-437-3348 FAX: 904-437-3494

Jacksonville

PHONE: 904-772-6200 FAX: 904-772-1973

Lake City

PHONE: 386-755-6804 FAX: 386-755-7073

Sanford

PHONE: 407-322-0094 FAX: 407-322-9553

BUILDER

GIEBEIG HOMES

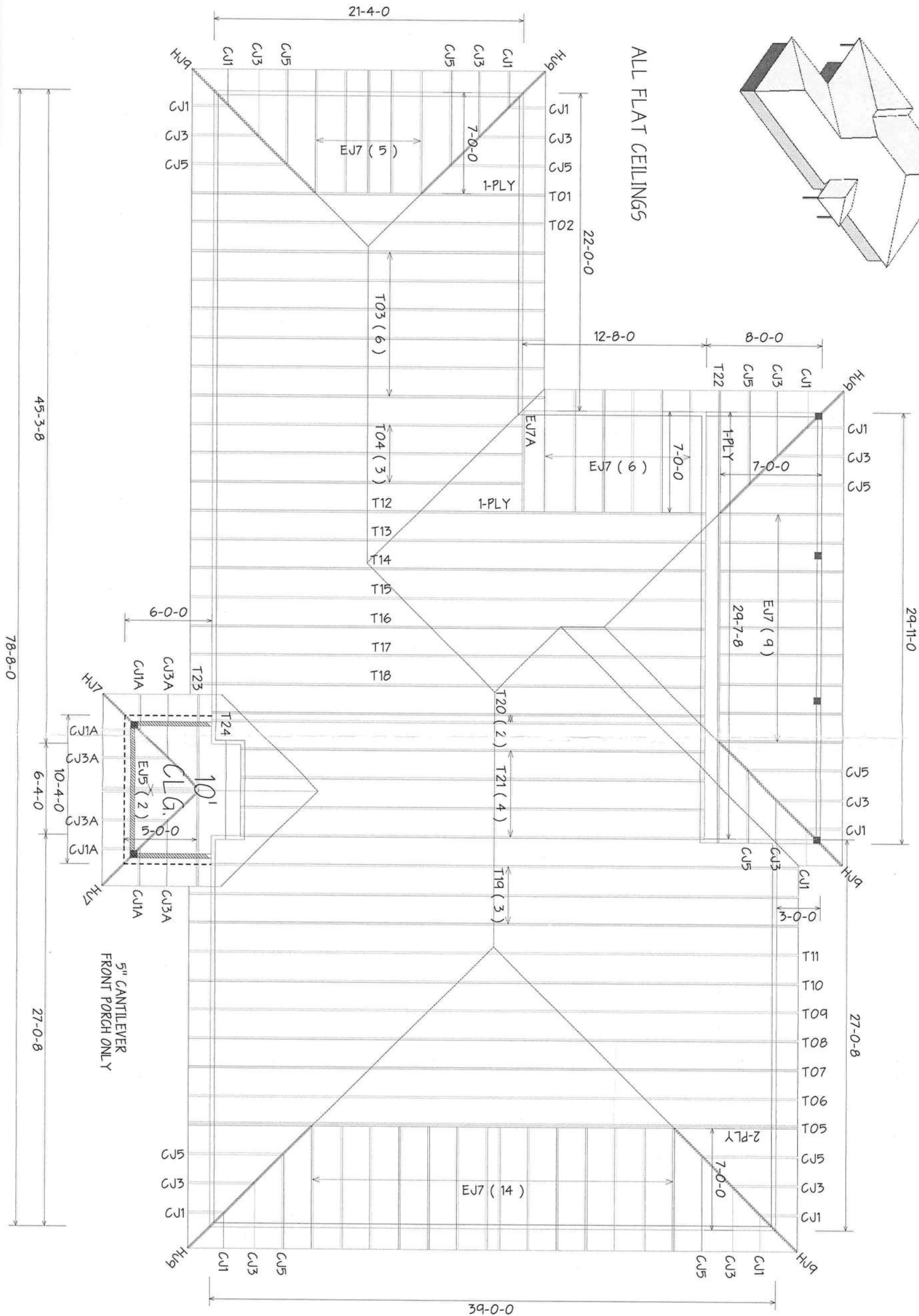
ITEM ADDRESS: CROFT RES.

MODEL: CUSTOM

DATE: 4-3-09

BY: K.L.H.

302306



ALL FLAT CEILING

5" CANTILEVER
FRONT PORCH ONLY

CROFT RESIDENCE

PLANS

COLUMBIA COUNTY, FL

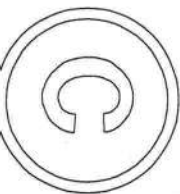
601 SW BRODERICK, LAKE CITY, FL 32025

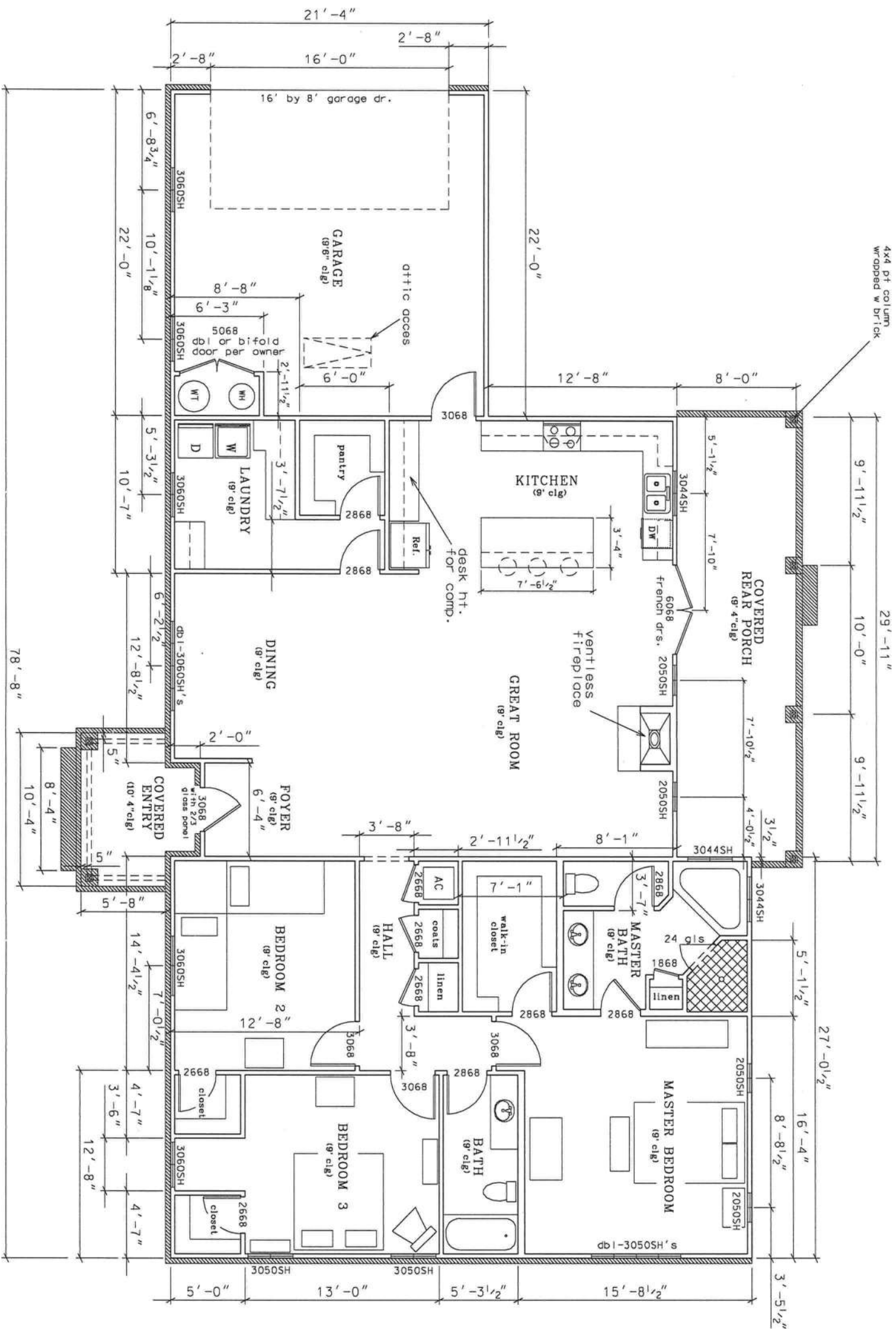
Plan Sheet Index:

Sheet No.	Description
1	title/index sheet
2	floor plan
3	front & right elevations
4	rear & left elevations
5	wall typical/ strapping requirements
6	special details
7	roof plan/window and door sizes
8	foundation plan
9	electrical plan

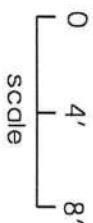


Marty J. Humphries
4-2-09





FLOOR PLAN



TOTAL UNDER ROOF - 2830 sq. ft.

LIVING AREA - 2044 sq. ft.
GARAGE - 474 sq. ft.
PORCHES - 312 sq. ft.

BRICK KNEE WALL, STEPS & BRICKED COLUMNS

CROFT RESIDENCE PLANS
COLUMBIA COUNTY, FL

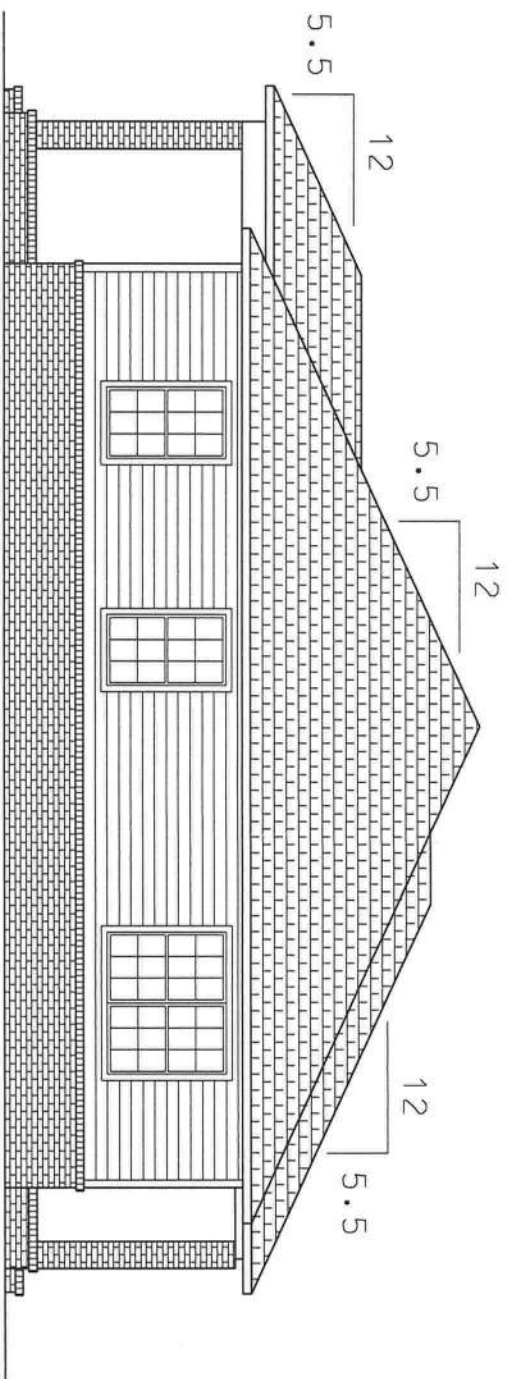
PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071



SHEET

2 OF 9

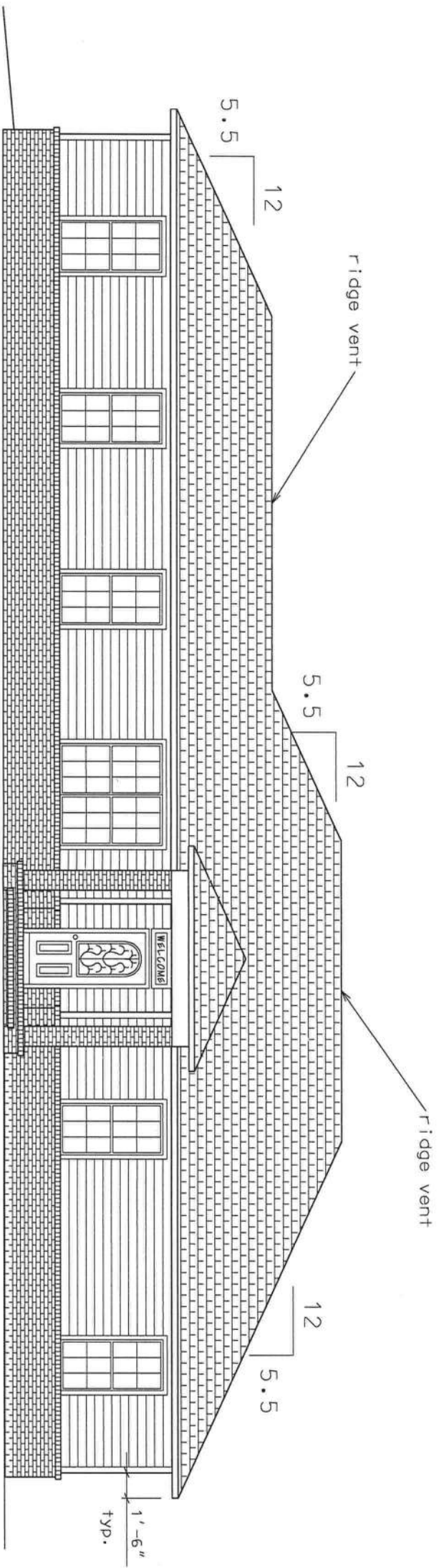
Marty J. Humphries
4-2-09



RIGHT ELEVATION

0 4' 8'

scale

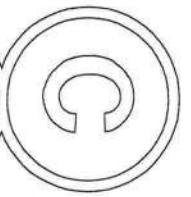


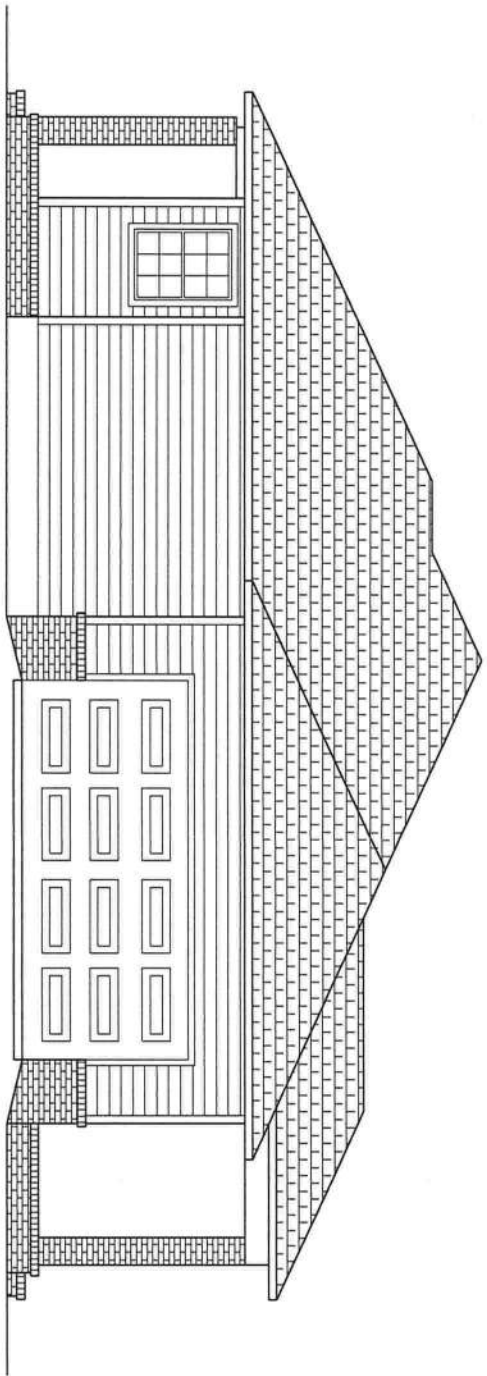
FRONT ELEVATION

0 4' 8'

scale

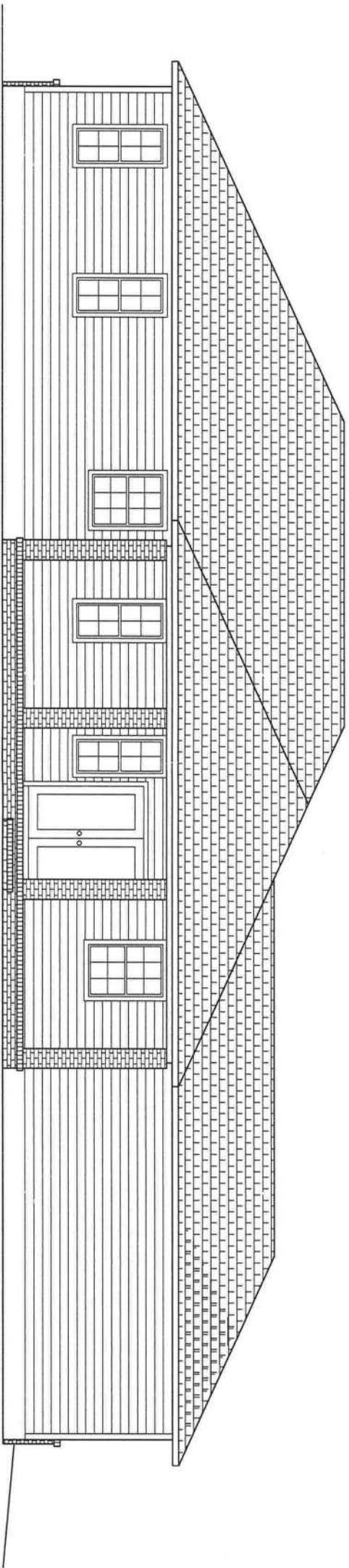
Marty J. Humphries
4-2-09





LEFT ELEVATION

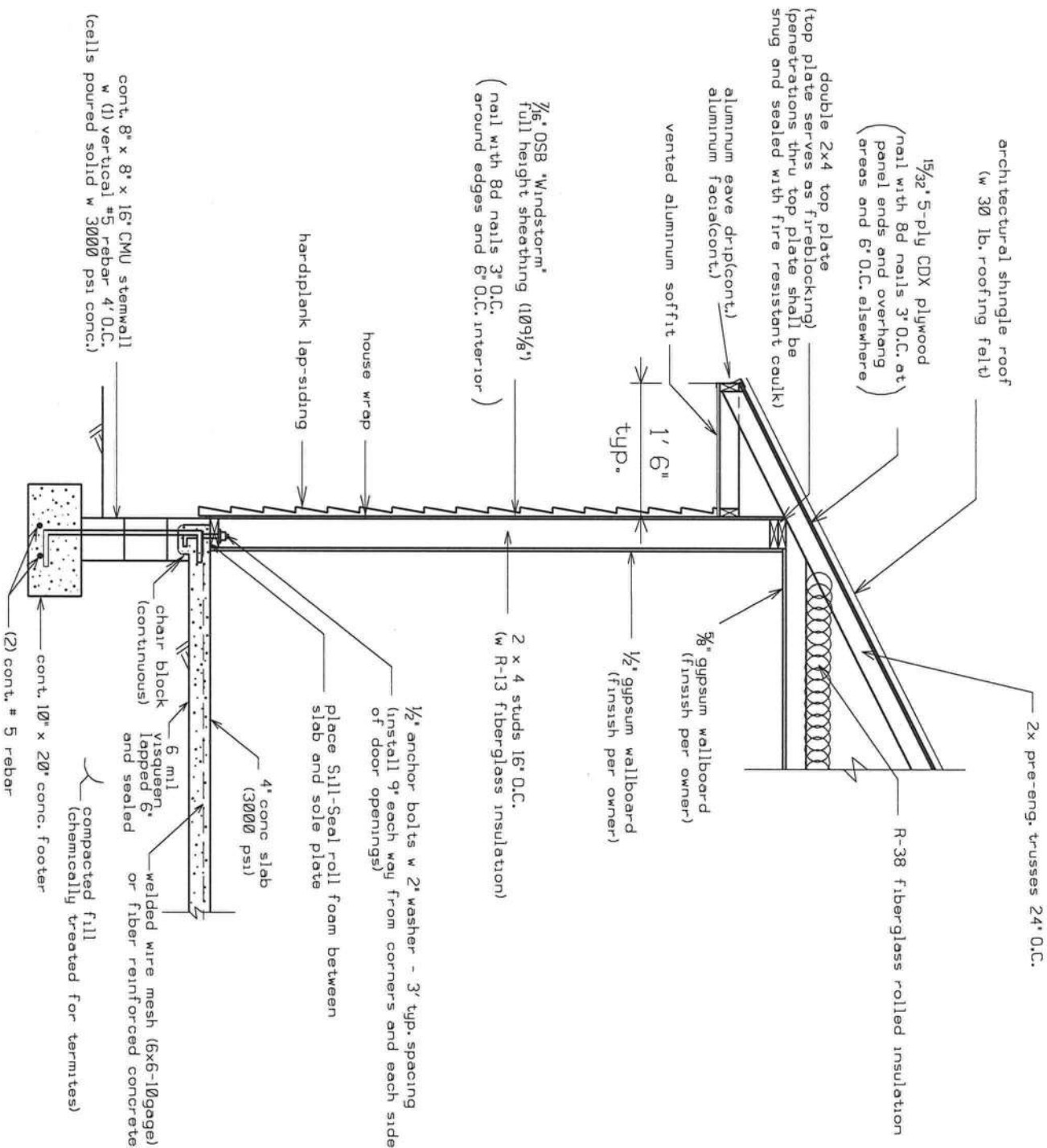
0 4' 8'
scale



REAR ELEVATION

0 4' 8'
scale

Marty J. Humphries
4-2-09



DETAIL A - WALL TYPICAL (N.T.S.)

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

WINDOWS & DOORS: 2-#2 SYP 2x12's with 1/2" OSB or Plywood between (nail with 1-12d nail 10" O.C. top and bottom)

PORCH BEAMS SHALL BE: 2 - #2 SYP 2x10's with 1/2" plywood or OSB between.
(nail with 1-12d nail 10" O.C. top and bottom)

GARAGE DOOR BEAM SHALL BE: 1 - 3.5" X 14" LVL BEAM (Louisiana Pacific 3.5" x 14" Gang Lam 2250 Fb 1.5E or an equivalent capacity beam)

JACK AND KING(FULL) STUD REQUIREMENTS AT OPENINGS:

FOR 3' OR SMALLER WINDOW & DOOR OPENINGS: INSTALL 1 JACK STUD AND 1 KING STUD EACH END OF THE HEADER
FOR WINDOWS & DOORS >3': INSTALL 2 JACK STUDS AND 2 KING STUDS EACH END OF THE HEADER
FOR GARAGE DOOR OPENING: INSTALL 3 JACK STUDS AND 3 KING STUDS EACH END OF THE HEADER

STRAPPING AND ANCHOR REQUIREMENTS

(Designed In accordance with the 2007 FBC):

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 100 mph
Importance Factor = 1.0
Exposure Category = B
Residential Occupancy = Group R3
Mean Roof Height = 16'
Height and Exposure Adjustment Coefficient = 1.0
Roof Cross Slope = 5.5:12
Wall Height = 9'
Analysis Method = ASCE 7-05 Simplified Procedure
Component and Cladding Pressures = Roof (Zone 1=10.4, -16.5, Zone 2=10.4, -28.7, Zone 3=10.4, -42.4), Wall (Zone 4=18, -19.5, Zone 5=18, -24.1) (units are psf)

TRUSS ANCHORS:

At Truss to Exterior walls and Porch Beam Locations:
Install one Simpson model H10 anchor for all single ply trusses greater than 10' in length.
For trusses 10' or less in length install one Simpson model H2.5A anchor. For double ply trusses install one Simpson model H10-2 anchor and one H2.5A anchor.

WALL STRAP TIES:

At top and bottom of wall install one Simpson model SP4 at each side of each door and window 4' or less in width. At top and bottom of wall for windows and doors larger than 4' in width install two Simpson model SP4's each side of openings. At each side of the Garage opening install three Simpson model SP4H's. In place of SP straps at each side of door and window openings install 1-1/2" all thread from anchor bolt to top of wall with 2" square washer and nut at top of wall and connected to the anchor bolt with one Simpson CNU1/2 coupler nut. All thread may be epoxied at base with 6" embedment and Simpson SET high strength epoxy.

SHEATHING:

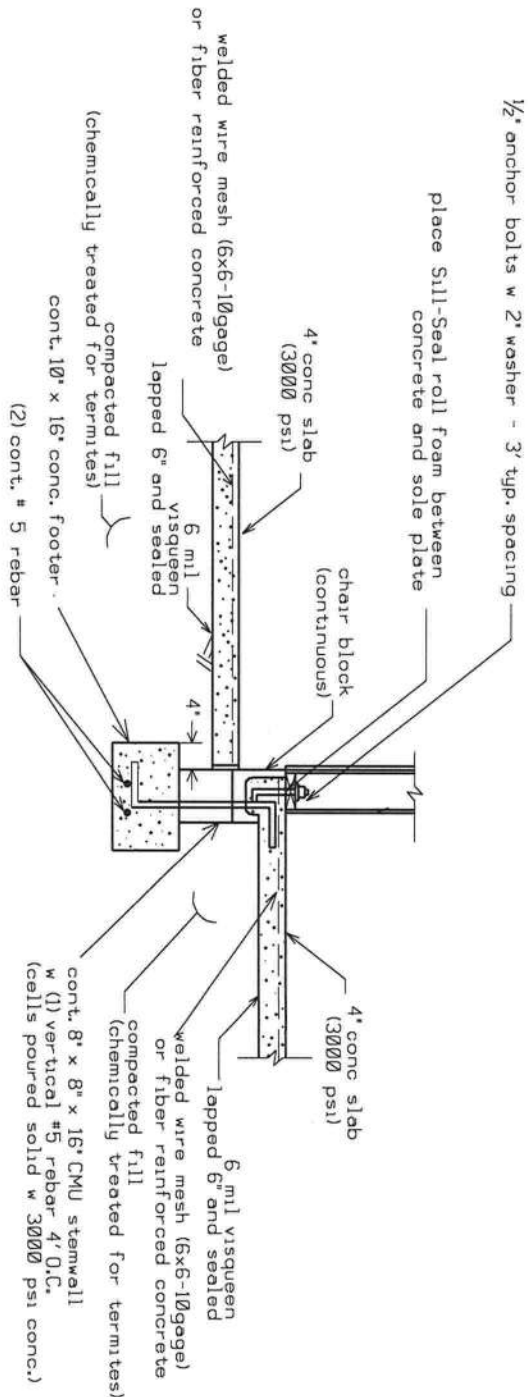
Wall sheathing is full-height "Windstorm" OSB sheathing and shall be installed with long dimension vertical on exterior and on the exterior of the wall between the garage and living area.

PORCH COLUMNS:

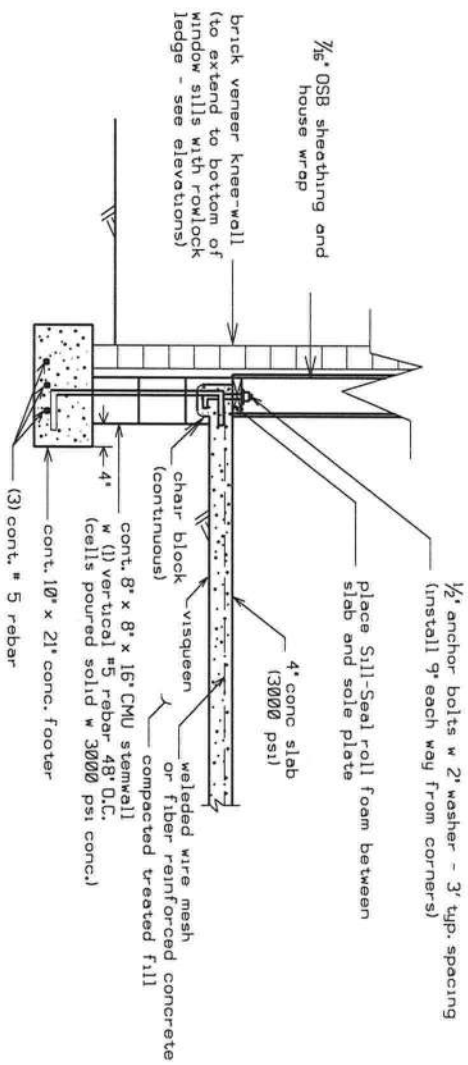
Install Simpson model ABU44 and Simpson model AC4Max (AC4EMax may be used for end columns)

Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.

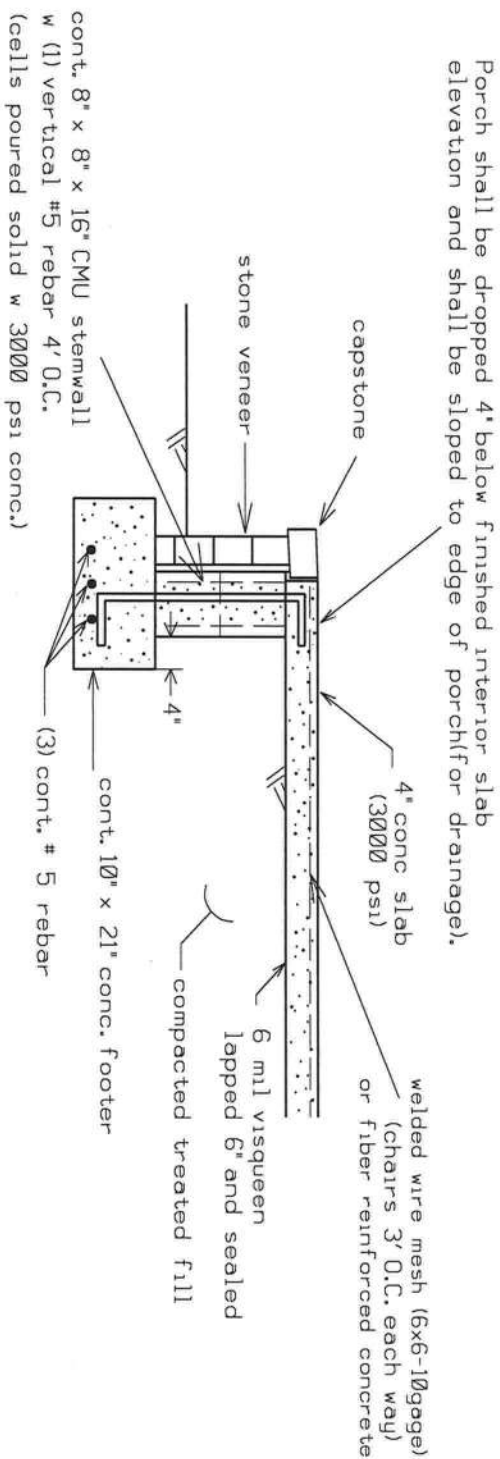
Marty J. Humphries
4-2-09



DETAIL "D"
INTERIOR GARAGE STEMWALL WITH FLOATING SLAB(N.T.S.)

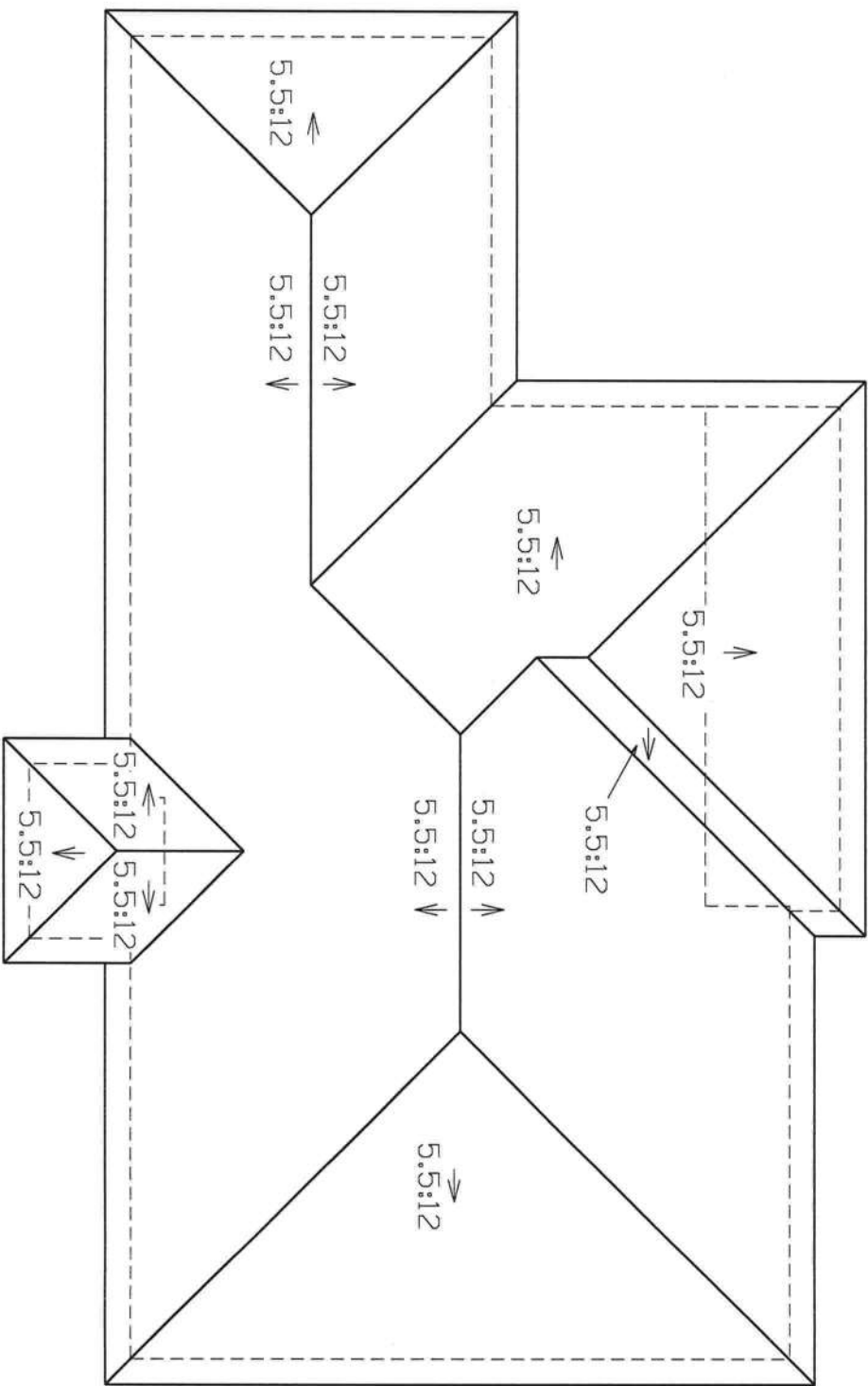


DETAIL C
BRICK VENEER FOOTER DETAIL (N.T.S.)



DETAIL B
PORCH FOUNDATION DETAIL (N.T.S.)

Marty J. Humphries
4-2-09



ROOF PLAN (N.T.S.)

Marty J. Humphries
4-2-09

WINDOWS	
SIZE	QUANTITY
2050SH	4
3044SH	3
3050SH	2
dbl - 3050SH's	1
3060SH	5
dbl - 3060SH's	1

EXTERIOR DOORS	
SIZE	QUANTITY
3068 w 2/3 glass pnl	1
3068	1
5068 double dr	1
6068 french dr	1
16080 garage dr	1

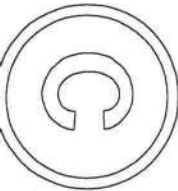
INTERIOR DOORS	
SIZE	QUANTITY
1868	1
24 glass shwr dr	1
2668	5
2868	6
3068	3

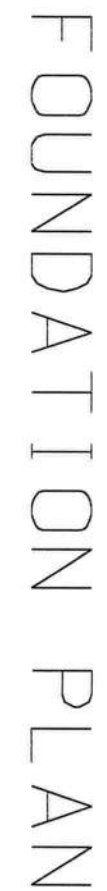
WINDOW AND DOOR SIZES

Rough-in dimensions vary per model/make of window/door. Verify actual rough-in dimensions prior to framing opening.

Windows shall be vinyl windows with double paned insulated, argon filled, Low E glass.

Interior entry doors for the Master Bedroom, Bathrooms and Laundry room shall be solid core doors.





0 4' 8'
















scale

3 1/2" step-down to shower.
Thicken slab to 8"
within 8" of stepdown

3 1/2" step-down

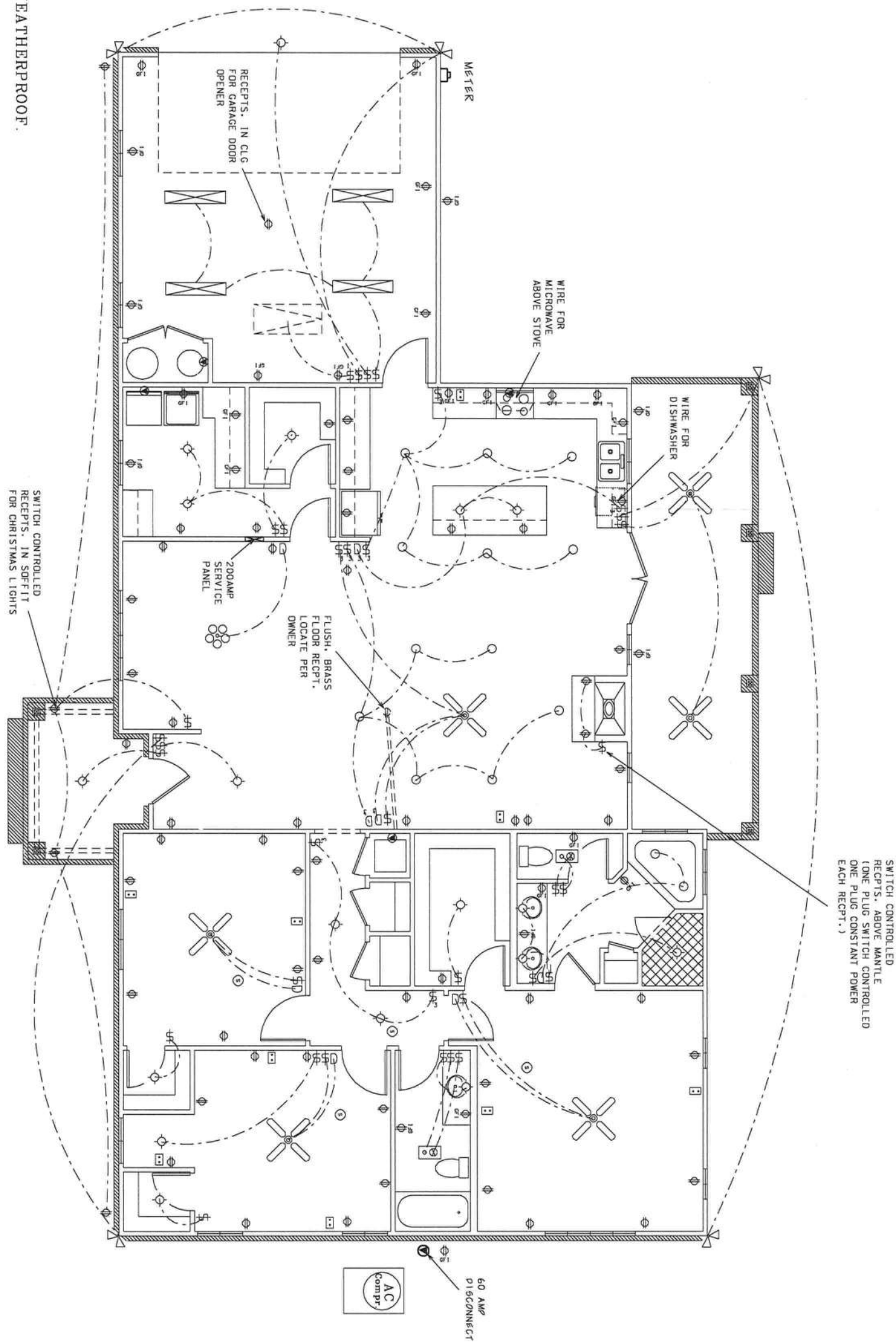


ELECTRICAL LEGEND

-  - CEILING FAN w/ LIGHTS
-  - LIGHT FIXTURE
-  - RECESSED CAN LIGHT FIXTURE
-  - SINGLE POLE SWITCH
-  - THREE-WAY SWITCH
-  - SINGLE POLE ILLUMINATED SWITCH
-  - DIMMER SWITCH
-  - THREE-WAY DIMMER SWITCH
-  - RECEPT.
-  - GFI RECEPT OR PART OF A GFI CIRCUIT.
-  - SECURITY LIGHT
-  - EXHAUST WITH LIGHT
-  - 220 V.
-  - SMOKE DETECTOR (AC/DC and interconnected)
-  - TELEPHONE AND RG6 COAX

NOTES:

- 1.) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.
- 2.) ALL BEDROOM RECPPTS SHALL BE PART OF AN AFCI CIRCUIT. EACH BEDROOM SHALL BE ON AN INDIVIDUAL AFC CIRCUIT.
- 3.) PLACE 4 LIGHTS IN HOME ATTIC AREA WITH ILLUMINATED SWITCH LOCATED IN THE GARAGE.



ELECTRICAL PLAN 0 4' 8' scale

Marty J. Humphries
4-2-09

