Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0611-41 Date Received 11/20/06 By LH Permit # 25307

Application Approved by - Zoning Official BLK Date 29.11.06 Plans Examiner OK JTH Date 12-12-06

Flood Zone X Development Permit N/A Zoning CI Land Use Plan Map Category Commercial

Comments SDP 06-8 Floor Elevation to be 159.5' Elevation Letter Required

Bill Freeman did the SPD last month

Applicants Name Bryan Zecher Phone 752-8653

Address P.O. Box 815, Lake City, FL 32056-0815

Owners Name Elaine Tolar Phone 755-6488

911 Address 239 SW SR 247, Lake City, FL 32025

Contractors Name Bryan Zecher Construction, Inc. Phone 752-8653

Address P.O. Box 815, Lake City, FL 32056-0815

Fee Simple Owner Name & Address —

Bonding Co. Name & Address —

Architect/Engineer Name & Address Freeman Design 161 NW Madison St, Suite 102, LC, FL 32055

Mortgage Lenders Name & Address N/A

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

Property ID Number 01-4S-16-02683-000 Estimated Cost of Construction 211,000

Subdivision Name Lot Block Unit Phase

Driving Directions From US Hwy 90, turn south onto CR 247. The job site is on the left between Certified Plumbing and Quail Heights.

Type of Construction Office Frame Number of Existing Dwellings on Property 0

Total Acreage 1.86 Lot Size Do you need a - Culvert Permit or Culvert Waiver or ~~Have an Existing Drive~~ FDOT

Actual Distance of Structure from Property Lines - Front 79' Side 61' Side 90' Rear 750'

Total Building Height 19'10 13/16" Number of Stories 1 Heated Floor Area 2688 SF Roof Pitch 6/12

TOTAL 2,904

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.

OWNERS AFFIDAVIT: 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.

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

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CBC054575

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 20th day of November 20 06.

Personally known ✓ or Produced Identification

Notary Signature

REBECCA DUGAN
MY COMMISSION #DD452939
EXPIRES: JUL 20, 2009
Bonded through 1st State Insurance

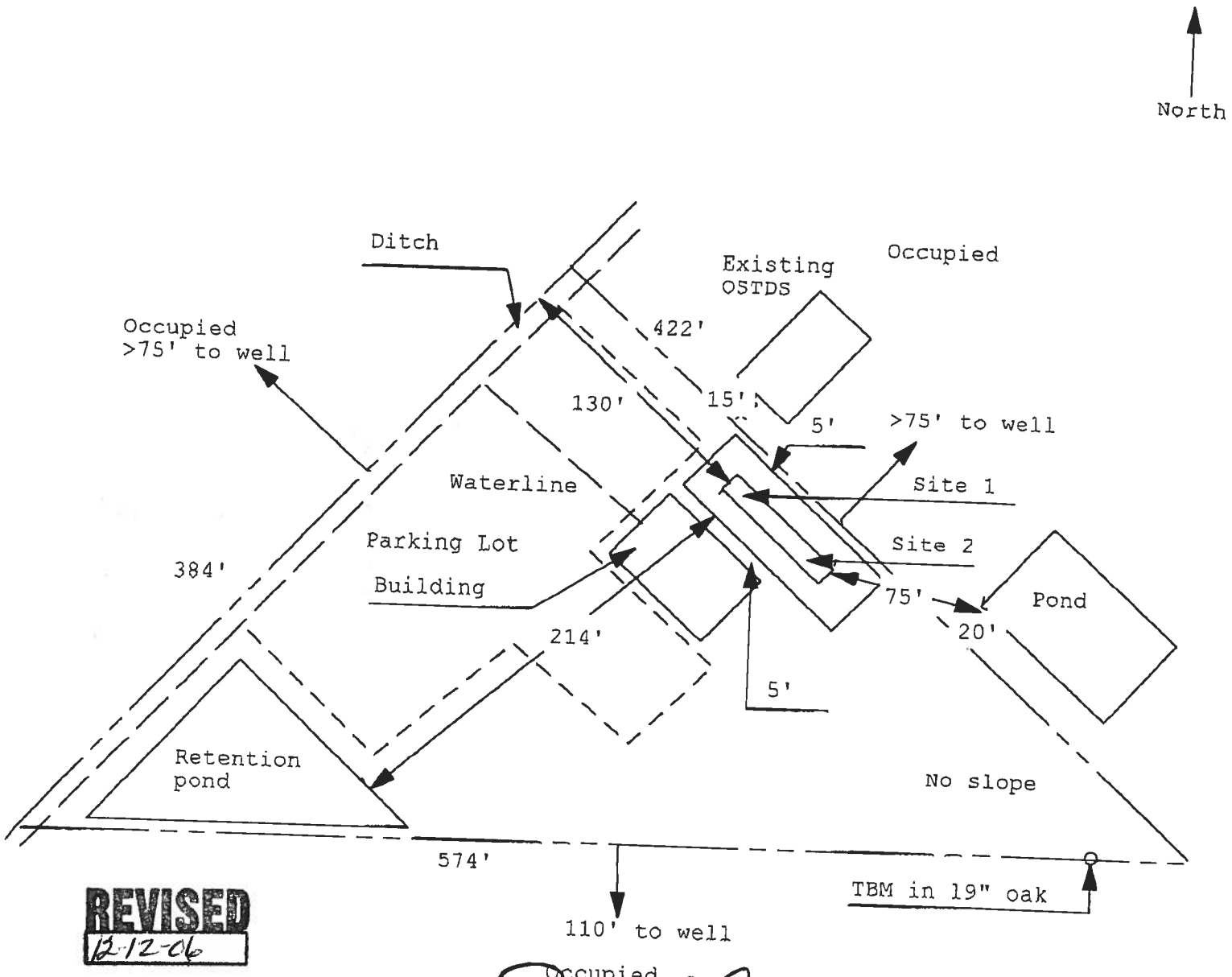
JW called Betty on 12-12-06 -

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 06-0999N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

TOLAR/CR 06-3769



REVISED 12-12-06

Site Plan Submitted By Paul Lloyd Date 11/17/06

Plan Approved ✓ Not Approved ____ Date 12/12/06

By Marsha Columbia CPHU

Notes: ____

01-4S-16-02683-000

COMM W COR OF SW1/4 OF NW1/4, RUN W 362 FT FOR POB, CONT W 574.44 FT TO SE R/W SR-247, RUN NE ALONG R/W 384.81 FT,

TOLAR ELAINE
2716 W US HWY 90
LAKE CITY, FL 32055

01-4S-16-02683-000

Columbia County 2006 R
CARD 001 of 001
PRINTED 10/03/2006 15:48 BY JEFF
APPR 4/21/2004 MESC

BUSE AE?
MOD BATH
EXW FIXT
% BDRM
RSTR RMS
RCVR UNTS
% C-W%
INTW HGHT
% PMTR
FLOR STYS
% ECON
HTTP FUNC
A/C SPCD
QUAL DEPR
FNDN
SIZE
CEIL
ARCH
FRME
KTCH
WNDO
CLAS
OCC
COND %
SUB A-AREA % E-AREA SUB VALUE

HTD AREA .000 INDEX 1416.00 DIST 2
EFF AREA 63.725 E-RATE .000 INDX
RCN AYB
%GOOD BLDG VAL EYB

FIELD CK:
LOC:

PUSE 001001 MISC COMMERCIAL
STR 1- 4S- 16
MKT AREA 06
(PUD1
AC 1.860
NTCD
APPR CD
CNDO
SUBD
BLK
LOT
MAP# 70A
TXDT 002

0 BLDG
1,000 XFOB
162,043 LAND
0 AG
0 MKAG
163,043 JUST
0 CLAS
0 SOHD
0 ASSD
0 EXPT
0 COTXBL

BLDG TRAVERSE

PERMITS

NUMBER	DESC	AMT	ISSUED

SALE

BOOK	PAGE	DATE		PRICE
1050	1593	6/24/2005	Q V	207500
GRANTOR DANIEL CRAPPS				
GRANTEE ELAINE K TOLAR				
1050	1591	6/24/2005	U V	70200
GRANTOR RUSSELL NORTH				
GRANTEE DANIEL CRAPPS				

TOTAL

EXTRA FEATURES

AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ UT PR	SPCD %	%GOOD	XFOB VALUE
N		0285	SALVAGE				1		2003	1.00	1.000	UT	1000.000	1000.000		100.00	1,000

FIELD CK:

AE	LAND CODE	DESC	ZONE	TOPO	ROAD	UTIL	UD1	UD2	UD3	UD4	FRONT	BACK	DEPTH	DT	ADJUSTMENTS	UNITS	UT	PRICE	ADJ UT PR	LAND VALUE
N	001001	MISC COMME	CI		0009										1.00 1.00 1.00 1.00	81021.600	SF	2.000	2.00	162,043
					0001	0003														
SALE -														LS						
SALE -														LS	SALE -				LS	
SALE -														LS						
2006																				

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No 2502-0525
(exp. 10/31/2005)

This form is completed by the licensed Pest Control Company

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.

Section 1: General information (Treating Company information)

Company Name: **Florida Pest Control & Co.**

Company Address: **536 SE Baya Dr** City: **Lake City** State: **Fl** Zip **32025**

Company Business License No. **3460** Company Phone No. **386-752-1703**

FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name _____ Phone No. _____

Section 3: Property Information

Location of Structure (s) Treated (Street Address or Legal Description, City, State and Zip) _____

Type of Construction (More than one box may be checked) ☐ Slab ☐ Basement ☐ Crawl ☐ Other _____

Approximate Depth of Footing: Outside _____ Inside _____ Type of Fill _____

Section 4: Treatment Information

Date(s) of Treatment _____

Brand Name of Product(s) Used **Bora-Care**

EPA Registration No. **64405-1**

Approximate Final Mix Solution % **1.0**

Approximate Size of Treatment Area: Sq. ft. _____ Linear ft. _____ Linear ft. of Masonry Voids _____

Approximate Total Gallons of Solution Applied _____

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) _____

Certification No. (if required by State law) _____

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 _____ Date _____

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)

Permit No._____ Tax Parcel No._____

COLUMBIA COUNTY NOTICE OF COMMENCEMENT

STATE OF FLORIDA

COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property: (legal description of the property, and street address if available.)
Parcel # 01-4S-16-02683
899 SW SR 247
Comm W cor of SW 1/4 of NW 1/4, R W 362 Ft for POB, Cont W 574.44 Ft to SE R/W SR-247, Run NE along R/W 384.81 Ft, SE 423.36 Ft, to POB, ORB 719-183, 872-2564, WD 1050-1591, WD 1050-1593.

2. General description of improvement: New construction

3. Owner Information:
A. Name and address:
Elaine Tolar
P.O. Box 7246, Lake City, FL 32055
B. Interest in property: OWNER
C. Name and address of fee simple titleholder (if other than owner):

4. Contractor: (name and address)
Bryan Zecher Construction, Inc.
P.O. Box 815
Lake City, FL 32056

5. Surety
A. Name and address:
B. Amount of bond:

6. Lender: (name and address) N/A

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 718.13 (1) (a) 7., Florida Statutes: (name and address)

8. In addition to himself, owner designates _____ of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (a) 7., Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified)_____.

Elaine K. Tolar
(Signature of Owner)

SWORN TO and subscribed before me this 10th day of November 19 2006

REBECCA DUGAN
MY COMMISSION #DD452939
EXPIRES: JUL 20, 2009
Bonded through 1st State Insurance

(NOTARIAL SEAL)

Rebecca Dugan
Notary Public

My Commission Expires:

Inst:200626787 Date:11/13/2006 Time:11:50
D.J. - DC,P.DeWitt Cason,Columbia County B:1101 P:1950

Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

DENVER STRUTLER, JR. SECETARY

FDOT - Lake City Maintenance
Permits Department
Post Office Box 1415
Lake City, Fl. 32056-1415

Date: 9-28-06

Freeman Design Group, Inc.
Mr. William (Bill) Freeman, P. E.
161 NW Madison Street, Suite No. 102
Lake City, Fl. 32025

RE: Approved FDOT Commercial Access & Drainage Connection Permits

Project Name: Elaine K. Tolar Professional Offices
Permittee: Elaine K. Tolar
Access Permit No: Access 2006-A-292-55 &
Drainage Permit No. 2006-D-292-8
State Highway No: 247, Branford Hwy.
Permit Category: B /State Section No: 29090 / State Mile Post: 11.358 + -

Mr. Williams:

This letter shall acknowledge your request on behalf of your client, Ms. Elaine K. Tolar in making proposed Access & Roadway Improvements to State Highway No. 247 in Columbia County, Florida. Your client is hereby granted permission by State Access Permit to make the following described improvements for the permitted development.

SPECIAL INFORMATION AS TO CONSTRUCTION TIME LIMIT
Per FDOT Access Management Law, this permit is valid for one year from the date of approval, however, once the permittee legally activates this permit with the Lake City Maintenance, Permits Office the permittee shall only have 30 continuous work days (not including weekends and legal state holidays) in which to complete the buildout of the new connection and have requested and received a passing inspection of same. Failure by the permittee to legally activate the approved access permit, obtain a mutually agreed to start date, conduct the required preconstruction meeting and construct the connection within the time frame referenced above shall automatically void the approved access permit. The permittee shall be held solely responsible for all work/construction conducted upon the State Right-of-way System under the provisions of this approved permit.

PERMITTED ACCESS IMPROVEMENTS

Proposed for new construction is a single new twenty-four foot wide commercial sidedrain piped access connection. The new connection shall be considered a full movement commercial access to the state highway the new connection ties too. The new driveway is to have two thirty-five foot wide turning radii constructed in conjunction with double four foot wide paved shoulders added throughout the full double 35 foot turning radii, all per the approved site plan.

Special Provision for Existing Paved Shoulders: If there are outside asphalt paved shoulder along the limits of the new permitted improvement area, they shall be completely **mechanically sawn** and removed within the limits of the turnout radii and through the proposed driveway width to provide for a smooth transition edge with the newly planned asphalt connection improvements planned.

Pavement Design calls for a twelve (12") Stabilized earth subgrade (tested for 98% density) and a minimum of eight (8") inches thick compacted limerock base materials (to be placed in two 4 inch lifts) with a finished asphalt surface course of a minimum of two (2") inches of compacted FC-12.5. This required twenty-four foot wide asphalt surfaced main entrance (and paved turning radii) shall all be built on a finished 0.02% slope (As measured from C/L of driveway Crown) with the new asphalt paved shoulders being constructed on a finished 0.06% grade slope. The new connection shall require a minimum of seventy-two (72') LF of 18 inch diameter round (or equivalent,) BCCMP. The new required sidedrain pipe must be placed in the ditch line 4 inches below existing flow grade. Note additional F Sections (see MES detail sheet attached) are required to be attached to each end of the pipe. These F Sections shall require MES Slope Cuts of 1:4 per FDOT Index 273. Both new sidedrain CMP shall be centered within the existing FDOT ditch line with the required MES cuts aligned straight up. Concrete Pads with Grass Sod are required Per Index 273, (See Attachment MES Detail.)

The new access connection shall also require minimum five foot wide or greater earthen stabilized shoulders on a maximum 1:4 slope. All sloped shoulders shall required to be stabilized throughout the full raised turn movements to the R/W Line within the full limits of the project with grass sod coverage over all areas between the edge-of-pavement and the State R/W Line. **Required Grass Sod shall on site and in place before paving can commence.**

SPECIFIC ACCESS PAVEMENT DESIGN

The new proposed paved connection shall be constructed with a minimum twelve (12") inch depth Stabilized earth subgrade (LBR 40 required), 8 inches of compacted crushed FDOT Certified Limerock Base Material Course with a 0.1 gal./S.Y. Prime Coat and a minimum two (2") inch compacted finished asphalt surface course of FDOT Type FC-12.5. or FC 9.5. **A minimum three (3') foot wide earth grade shoulder on a maximum 0.02% grade must be constructed and maintained before the 1:4 front slope of the ditch can commence. This requirement must be maintained throughout both 35 foot turning radii of the new main entrance. Failure to construct and maintain this FDOT Roadway Safety requirement shall result in the suspension of the permit.**

Testing Requirements
All subgrade, base and or structural materials used shall require proof of passing density testing in accordance with those found in the most current FDOT Standard Specifications for Road & Bridge Construction Manual. A total of THREE (3) density tests shall be required. Each density test must achieve or exceed a minimum of 98% compaction density. All tests must be conducted by a FDOT certified density inspector and Testing Lab.

Proof of passing density shall be forwarded to the local FDOT Permits Inspector at Lake City Maintenance a minimum of 48 hours in advance of any planned concurrent paving commencement. The Permittee, his/her General Contractor shall contact the FDOT Permits Office for directions from FDOT Permits Office as to the location of these tests sites. **No paving can commence without proof of passing density tests. Failure on the Permittees' behalf to provide the necessary density tests results is reason to suspend the Permittee's FDOT issued permit or on-going construction upon FDOT R/W.**

Pavement Striping and Signage Requirements
The new asphalt connection finished surface course shall be striped with a single twenty-four inch wide white stop bar and a minimum of fifty (50') LF of double yellow, lane separation striping as shown on the approved plans. The two main 12 foot wide driveway travel lanes and their turn radii shall be separated from the proposed new asphalt paved five foot shoulders by the construction of six inch wide white separator striping. Per the approved permit and site plan, all required pavement striping shall be with a certified "Lead Free", Thermoplastic marking and striping material for those areas lying both on and off FDOT R/W that pertain to the approved permitted driveway attaching to SR-247. All new Thermoplastic Striping as well as aboveground signage shall conform to the State FDOT Indexes 17302, 17346 and /or 11860 for aboveground signs. **All thermoplastic marking materials shall be "Certified Lead Free" Materials.**

A single FDOT Series 600, **30** inch by **30** inch, R1-1 aboveground **STOP SIGN** is required. All aboveground signs proposed to be constructed upon FDOT Right-of way shall be constructed per approved site plan and per FDOT Index No. 17302, Sheet 1 of 1. All metal posts on FDOT shall be aluminum two inch or greater in diameter and set at a minimum height of 7 feet from EOP grade with brackets per FDOT Index No. 11860.

All aboveground signs required under this approved permit shall have been constructed in place and according to FDOT Index requirements before final driveway asphalt paving or concreting can commence.

Notice: A 21-Day Asphalt Cure-out period shall be required of the newly constructed asphalt surface course before any thermoplastic markings may be placed down. The new connection shall not be utilized at any time before the FDOT Permits Office has made their final inspection with a passing grade inspection being received, with evidence of same to the Permittee.

DRAINAGE CONNECTION DETAILS

The project has been approved to allow emergency stormwater overflow to the State Highway 247 from the on-site stormwater pond's outlet control structure by way of a 20 LF section of HDPE pipe on a 0.02% grade slope. Stormwater shall be directed to the back slope of the State FDOT ditch area, with a new concrete Mitered End Section and Concrete Stormwater Control Flume constructed per the approved plan.

Roadway, Ditch/Slope Area, Grass Sodding Requirements & R/W Restoration

All areas of the ditch line its slopes; radii and other areas that fall within the limits of the permitted Access turning radii shall receive a complete coverage of Certified Coastal Bermuda Grass Sod. All other areas outside this particular area shall require a complete coverage of hulled Bermuda grass and millet seed with copious amounts of Straw Mulch covering all. All areas upon FDOT R/W shall be made clean and acceptable. Coastal Bermuda Sod shall be the preferred type grass.

Notice of Final Approved Plans Interpretation

The Local Permits Office having jurisdiction over the approved permit shall have final determination over all approved plans/ construction concepts and method details that could affect the FDOT Right-of-Way Property.

Notice of Pre-Construction Meeting (Mandatory)

The Permittee and his/her construction supervisor(s) shall meet a minimum of 48 hours in advance of activation of this permit, so that all parties will have an opportunity to read in detail this attached cover letter, review its plans and be provided the opportunity to ask any questions he or she may have in regards to this permit. It shall be the Permittee's responsibility to contact the local Permits Office no later than 48 hours in advance of the planned activation/construction commencement date, so that this provision can be completed satisfactory to all parties involved. **THIS IS A MANDATORY PERMIT PROVISION!!**

Stormwater Erosion Control Plan

The approved Permittee shall be solely responsible for the control of stormwater and it's affects during the complete construction phase of permitted improvements approved under this FDOT Access Permit No. 2006-A-292-50. Under no conditions shall any work commence upon FDOT R/W before all required Stormwater and/or Erosion Control plans has been put in place and received an inspection through the Permits Office.

Grass Sod Requirement Details

All slopes, shoulders, ditches, and other disturbed areas within the limits of the proposed paved turnout radii, shall be completely grass sodded with Certified Coastal Bermuda grass. **Note: all grass shall be installed, watered and inspected for evidence of growth, before any paving can commence under this permit. Failure to complete this provision can be reason for temporary suspension of this permit.** NOTICE: ALL R/W RESTORATION AND REQUIRED GRASS SOD SHALL BE PLACED DOWN AND INSPECTED BEFORE ANY ASPHALT PAVING CAN COMMENCE UNDER THIS APPROVED PERMIT.

All construction shall be to the most current F.D.O.T. Roadway and Traffic Design Standards and F.D.O.T. Standard Specifications for Road and Bridge Construction. All construction shall be per approved permit, cover letter, special provisions, and signed and sealed site plans and shall conform to all current F.D.O.T. Specifications and Inspections. No work can commence on F.D.O.T. right- of-way before the approved Maintenance of Traffic Plan is in place. The FDOT Permits Staff shall have final say as to any conflicts of interest that may occur, before, during or after the construction phase.

Save Harmless Clause

Please refer to the approved permit, site plan drawings and if attached addendum and/or Survey Plat for Access type, location and construction details. Refer to the approved connection permit for additional **General and Special Provisions** that could alter construction design plans as shown on the attached site plan sheet. A copy of the approved site plan and the permit itself shall be on site at all times. Construction on the Department of Transportation's Right-of-Way shall meet all of the Department's Standard Construction Specifications and Safety Criteria.

This Permit is issued with the understanding that a Department approved contractor shall perform all construction in accordance with F.D.O.T. Specifications and that all costs of construction shall be borne by the applicant.

It is also understood and agreed that the rights and privileges herein set out, are granted only to the extent of the State's Right, Title and Interest in the land to be entered upon and used by the holder, and the holder will at all times, assume all risk of and indemnify, defend, and save harmless the State of Florida and the Department from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said holder of the aforesaid rights and privileges.

Also, please request your Engineer or Representative to contact our Permits Coordinator , Neil E. Miles, located at 710 NW Lake Jeffery Road, Suite No. 101, Lake City, Florida, 32055-2621, Phone Number (904) 961-7193 or if no answer 961-7180, a minimum of **48** hours prior to your planned commencement date. Legal 2-way verbal contact is required.

Sincerely,

Neil E. Miles
Access Permits Coordinator

ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

EnergyGauge FlaCom v1.22 # 25307 22100

INPUT DATA REPORT

Project Information

Project Name: New Prj

Project Title: Elaine Tolar Office Building

Address: Hwy 247

State: FL

Zip: 32055

Owner: Elain Tolar

Orientation: North

Building Type: Office (Business)

Building Classification: New Finished building

No.of Storeys: 1

GrossArea: 2620

Zones

No	Acronym	Description	Type	Load Profile	Area [sf]	Multiplier	Total Area [sf]	
1	Pr0Zo1	Zone 1	CONDITIONED	Uses Building Load Profile	2620.1	1	2620.1	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]	
In Zone: Pr0Zo1										
1	Pr0Zo1Sp1	Office along exterior walls	Offices (Partitions>4.5 ft below ceiling) Enclosed offices, all open plan offices without partitions	11.50	12.50	9.00	9	1293.8	11643.8	☐
2	Pr0Zo1Sp2	interior office	Offices (Partitions>4.5 ft below ceiling) Enclosed offices, all open plan offices without partitions	11.00	10.00	9.00	1	110.0	990.0	☐
3	Pr0Zo1Sp3	interior office	Offices (Partitions>4.5 ft below ceiling) Enclosed offices, all open plan offices without partitions	8.00	10.00	9.00	1	80.0	720.0	☐
4	Pr0Zo1Sp4	Copy Room	Common Activity Areas - Mail Room	7.50	11.00	9.00	1	82.5	742.5	☐
5	Pr0Zo1Sp5	restroom	Toilet and Washroom	6.50	10.80	9.00	2	140.4	1263.6	☐
6	Pr0Zo1Sp6	Lobby	Lobby (General) - Reception and Waiting	11.00	14.00	9.00	2	308.0	2772.0	☐
7	Pr0Zo1Sp7	hallway	Corridor	9.00	4.50	9.00	7	283.5	2551.5	☐
8	Pr0Zo1Sp8	Lounge	Recreation/Lounge	7.00	14.00	9.00	3	294.0	2646.0	☐
9	Pr0Zo1Sp9	Mechanical Room	Electrical Mechanical Equipment Room - General	7.00	4.00	9.00	1	28.0	252.0	☐

Lighting

No	Type	Power [W]	Control Type	No.of Ctrl pts	
In Zone: Pr0Zo1					
In Space: Pr0Zo1Sp1					
1	Compact Fluorescent	120.00	Manual On/Off	2	☐

In Space: **Pr0Zo1Sp2**					
1	Compact Fluorescent	120.00	Manual On/Off	2	☐
In Space: **Pr0Zo1Sp3**					
1	Compact Fluorescent	120.00	Manual On/Off	2	☐
In Space: **Pr0Zo1Sp4**					
1	Compact Fluorescent	120.00	Manual On/Off	2	☐
In Space: **Pr0Zo1Sp5**					
1	Incandescent	40.00	Manual On/Off	2	☐
In Space: **Pr0Zo1Sp6**					
1	Compact Fluorescent	120.00	Manual On/Off	2	☐
In Space: **Pr0Zo1Sp7**					
1	Compact Fluorescent	120.00	Manual On/Off	2	☐
In Space: **Pr0Zo1Sp8**					
1	Compact Fluorescent	120.00	Manual On/Off	2	☐
In Space: **Pr0Zo1Sp9**					
1	Incandescent	20.00	Manual On/Off	2	☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: **Pr0Zo1**												
1	Front Wall (North)	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	42.00	9.00	1	378.0	North	0.1043	8.9821	67.36	9.59	☐
2	West Wall	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	54.00	9.00	1	486.0	West	0.1043	8.9821	67.36	9.59	☐
3	Rear Wall (South)	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	42.00	9.00	1	378.0	South	0.1043	8.9821	67.36	9.59	☐
4	East Wall	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	54.00	9.00	1	486.0	North	0.1043	8.9821	67.36	9.59	☐

Windows

	No	Description	Type	Shaded	UCen [Btu/hr sf F]	SC	Vis.Tr	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]	
In Zone: Pr0Zo1												
In Wall: Pr0Zo1Wa1												
	1	Pr0Zo1Wa1Wi1	DOUBLE CLEAR IG	No	0.6514	0.88	0.81	3.00	6.00	4	72.0	☐
In Wall: Pr0Zo1Wa2												
	1	Pr0Zo1Wa2Wi1	DOUBLE CLEAR IG	No	0.6514	0.88	0.81	3.00	6.00	5	90.0	☐
In Wall: Pr0Zo1Wa4												
	1	Pr0Zo1Wa4Wi1	DOUBLE CLEAR IG	No	0.6514	0.88	0.81	3.00	6.00	1	18.0	☐

Doors

	No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1													
In Wall: Pr0Zo1Wa1													
	1	Pr0Zo1Wa1Dr1	Wood door, 2 in.	No	5.00	7.00	1	35.0	0.4192	37.00	2.41	2.39	☐
In Wall: Pr0Zo1Wa3													
	1	Pr0Zo1Wa3Dr1	Wood door, 2 in.	No	3.00	7.00	1	21.0	0.4192	37.00	2.41	2.39	☐

Roofs

	No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1													
	1	Pr0Zo1Rf1	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	54.00	42.00	1	2268.0	0.00	0.0320	1.50	8.22	31.24	☐

Skylights

No	Description	Type	UCen [Btu/hr sf F]	Shading Coeff	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]
In Zone:										
In Roof:										

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1										
1	Pr0Zo1Fl1	Concrete floor, carpet and rubber pad	54.00	42.00	1	2268.0	0.5987	9.33	140.00	1.67

Systems

Pr0Sy1 **System 1** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. Of Units 1**

Component	Category	Capacity	Efficiency	IPLV
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	60000.00	13.00	8.00
2	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	2000.00	0.80	

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV

Water Heaters

	W-Heater Description	Capacit	Cap.Unit	I/P Rt.	Efficienc	Loss	
1	Storage Water Heater - Electric	50	Gal	4 [kW]	0.9000 [EF]	[%/hr]	☐

Ext-Lighting

	Description	Categories.	Area/Len/No. of units [sf/ft/No]	Wattage [W]	
1	Ext Light 1	Exit (with or without Canopy)	20.00	500.00	☐
2	Ext Light 2	Exit (with or without Canopy)	16.00	250.00	☐

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?	
							☐

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SC	VLT	Frame Conductance [Btu/h.sf.F]	Frame Absorptance	
ApLbWnd6	DOUBLE CLEAR IG	2	0.6514	0.8800	0.8120	0.4340	0.7000	☐

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]	
18	Matl18	2 in. Wood	No	2.3857	0.1670	0.0700	37.00	0.3900	☐
264	Matl264	ALUMINUM, 1/16 IN	No	0.0002	0.0050	26.0000	480.00	0.1000	☐
214	Matl214	POLYSTYRENE, EXP., 1-1/4IN,	No	5.2100	0.1042	0.0200	1.80	0.2900	☐
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
206	Matl206	CELLULOSE,FILL,5.5IN,R-20	No	20.8318	0.4583	0.0220	3.00	0.3300	☐
151	Matl151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000	☐
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300					☐
265	Matl265	Soil, 1 ft	No	2.0000	1.0000	0.5000	100.00	0.2000	☐
48	Matl48	6 in. Heavyweight concrete	No	0.5000	0.5000	1.0000	140.00	0.2000	☐
123	Matl123	CONC BLOCK MW,8IN,HOLLOW	No	1.7227	0.6667	0.3870	53.00	0.2000	☐
159	Matl159	CONC HW-UNDRD-140LB-4IN	No	0.3202	0.3333	1.0410	140.00	0.2000	☐
57	Matl57	3/4 in. Plaster or gypsum	No	0.1488	0.0625	0.4200	100.00	0.2000	☐
72	Matl72	AIR LAYER, 3/4IN OR LESS, VERT. WALLS	Yes	0.9000					☐
267	Matl267	0.75" stucco	No	0.1563	0.0625	0.4000	16.00	0.2000	☐
266	Matl266	2x4@16" oc + R11 Batt	No	8.3343	0.2917	0.0350	9.70	0.2000	☐
215	Matl215	POLYSTYRENE, EXP., 2IN,	No	8.3350	0.1667	0.0200	1.80	0.2900	☐
105	Matl105	CONC BLK HW, 8IN, HOLLOW	No	1.1002	0.6667	0.6060	69.00	0.2000	☐
256	Matl256	WOOD, SOFT, 1-1/2IN	No	1.8939	0.1250	0.0660	32.00	0.3300	☐
268	Matl268	0.625" stucco	No	0.1302	0.0521	0.4000	16.00	0.2000	☐
42	Matl42	8 in. Lightweight concrete block	No	2.0212	0.6670	0.3300	38.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
86	Matl86	BRICK, COMMON, 4IN	No	0.8012	0.3333	0.4160	120.00	0.2000	☐

211	Matl211	POLYSTYRENE,EXP.,1/2IN,	No	2.0850	0.0417	0.0200	1.80	0.2900	☐
12	Matl12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	0.2000	☐
218	Matl218	POLYURETHANE,EXP.,1/2 IN,	No	3.2077	0.0417	0.0130	1.50	0.3800	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
4	Matl4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000	☐
271	Matl271	2x4@24" oc + R11 Batt	No	10.4179	0.2917	0.0280	7.11	0.2000	☐
272	Matl272	Panel with 7/16" panels	Yes	0.9044					☐
273	Matl273	Hollow core flush (1.375")	Yes	1.2777					☐
274	Matl274	Solid core flush (1.375")	Yes	1.7141					☐
275	Matl275	Panel with 7/16" panels (1.375")	Yes	1.0019					☐
276	Matl276	Hollow core flush (1.75")	Yes	1.3239					☐
277	Matl277	Panel with 1-1/8" panels (1.75")	Yes	1.7141					☐
278	Matl278	Solid core flush (1.75")	Yes	1.6500					☐
279	Matl279	Solid core flush (2.25")	Yes	2.8537					☐
280	Matl280	Fiberglass/Mineral wool core	Yes	0.8167					☐
281	Matl281	Paper Honeycomb core	Yes	0.9357					☐
282	Matl282	Solid Urethane foam core	Yes	1.6500					☐
283	Matl283	Solid mineral fiberboard core	Yes	1.7816					☐
284	Matl284	Polystyrene core (18 ga steel) 1	Yes	2.0071					☐
285	Matl285	Polyurethane core (18 ga steel) 2	Yes	2.5983					☐
286	Matl286	Polyurethane core (24 ga steel) 1	Yes	2.5983					☐
287	Matl287	Polyurethane core (24 ga steel) 2	Yes	4.1500					☐
288	Matl288	Solid Urethane foam core	Yes	4.1500					☐
81	Matl81	ASPHALT-ROOFING, ROLL	Yes	0.1500					☐
244	Matl244	PLYWOOD, 1/2IN	No	0.6318	0.0417	0.0660	34.00	0.2900	☐
185	Matl185	CLAY TILE, PAVER, 3/8IN	No	0.0301	0.0313	1.0410	120.00	0.2000	☐
82	Matl82	ASPHALT-SHINGLE AND SIDING	Yes	0.4400					☐
11	Matl11	2 in. Insulation	No	6.6800	0.1670	0.0250	2.00	0.2000	☐
47	Matl47	2 in. Heavyweight concrete	No	0.1670	0.1670	1.0000	140.00	0.2000	☐

95	Matl95	CONC BLOCK HW-4IN-HOLLOW	No	0.7107	0.3333	0.4690	101.00	0.2000	☐
248	Matl248	ROOF GRAVEL OR SLAG1/2IN	No	0.0500	0.0417	0.8340	55.00	0.4000	☐
94	Matl94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500	☐

Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1001	Wood door, 2 in.	No	No	0.42	2.41	37.00	2.3857	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	18	2 in. Wood	0.1670	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1004	Concrete floor, carpet and rubber pad	No	No	0.60	9.33	140.00	1.6703	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	151	CONC HW, DRD, 140LB, 4IN	0.3333	0.00	☐
2	178	CARPET W/RUBBER PAD		0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1012	4" Brick /2x4@16" oc+R11Batt/0.5" Gyp	No	No	0.10	8.98	67.36	9.5887	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	86	BRICK, COMMON, 4IN	0.3333	0.00	☐
2	266	2x4@16" oc + R11 Batt	0.2917	0.00	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1038	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	No	No	0.03	1.50	8.22	31.2351	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	81	ASPHALT-ROOFING, ROLL		0.00	☐
2	244	PLYWOOD, 1/2IN	0.0417	0.00	☐
3	12	3 in. Insulation	0.2500	0.00	☐
4	23	6 in. Insulation	0.5000	0.00	☐
5	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

EnergyGauge FlaCom v1.22 FORM 400A-2001

Whole Building Performance Method for Commercial Buildings

Jurisdiction: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

Short Desc: New Prj
Owner: Elain Tolar
Address:
Hwy 247
City: Lake City
State: FL
Zip: 32055

Project: Elaine Tolar Office Building

PermitNo: 0
Storeys: 1

Type: Office (Business)
Class: New Finished building

GrossArea: 2620
Net Area: 2620

Max Tonnage: 5 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	83.36	100.00	**PASSES**
Other Envelope Requirements - A			**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**PASSES**
HVAC SYSTEM			**PASSES**
PLANT			**PASSES**
WATER HEATING SYSTEMS			**PASSES**
PIPING SYSTEMS			**PASSES**
Met all required compliance from Check List?			**Yes/No/NA**

IMPORTANT NOTE: An input report Print-Out from EnergyGauge FlaCom of this design building must be submitted along with this Compliance Report.

COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code. **PREPARED BY:** William H. Freeman **DATE:** 10/31/06 I hereby certify that this building is in compliance with the Florida Energy Efficiency Code. **OWNER AGENT:** Elaine Tolar **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 in accordance with Section 553.908, F.S. **BUILDING OFFICIAL:** **DATE:**

If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.

		REGISTRATION No.
ARCHITECT :	William H. Freeman	PE #56001
ELECTRICAL SYSTEM DESIGNER:	William H. Freeman	PE #56001
LIGHTING SYSTEM DESIGNER:	William H. Freeman	PE #56001
MECHANICAL SYSTEM DESIGNER:	William H. Freeman	PE #56001
PLUMBING SYSTEM DESIGNER:		

(*) Signature is required where Florida Law requires design to be performed by registered design professionals.
Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: New Prj
Title: Elaine Tolar Office Building
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JA

Whole Building Compliance

	Design	Reference
Total	*83.36*	*100.00*
ELECTRICITY	83.36	100.00
AREA LIGHTS	20.72	25.82
MISC EQUIPMT	8.40	8.40
PUMPS & MISC	0.16	0.16
SPACE COOL	16.56	28.10
VENT FANS	37.52	37.52

Credits & Penalties (if any): Modified Points: = 83.36 **PASSES**

Project: New Prj
Title: Elaine Tolar Office Building
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JA

Other Envelope Requirements

Item	Zone	Description	Design	Limit	Meet Req.
Pr0Zo1Rf1	Pr0Zo1	Exterior Roof - Max Uo Limit	0.03	0.09	Yes

Meets Other Envelope Requirements

Project: New Prj
Title: Elaine Tolar Office Building
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JA

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Exit (with or without Canopy)	25.00	20.0	500	500
Ext Light 2	Exit (with or without Canopy)	25.00	16.0	400	250

Design: 750 (W)
Allowance: 900 (W)

PASSES

Project: New Prj
Title: Elaine Tolar Office Building
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JA

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	26	Offices (Partitions>4.5 ft below ceiling) Enclosed offices, all open plan offices without partitions	144	1	18	18	**PASSES**
Pr0Zo1Sp2	26	Offices (Partitions>4.5 ft below ceiling) Enclosed offices, all open plan offices without partitions	110	1	2	2	**PASSES**
Pr0Zo1Sp3	26	Offices (Partitions>4.5 ft below ceiling) Enclosed offices, all open plan offices without partitions	80	1	2	2	**PASSES**
Pr0Zo1Sp4	38	Common Activity Areas - Mail Room	83	1	2	2	**PASSES**
Pr0Zo1Sp5	13	Toilet and Washroom	70	1	4	4	**PASSES**
Pr0Zo1Sp6	21	Lobby (General) - Reception and Waiting	154	1	4	4	**PASSES**
Pr0Zo1Sp7	2	Corridor	41	1	14	14	**PASSES**
Pr0Zo1Sp8	10	Recreation/Lounge	98	1	6	6	**PASSES**
Pr0Zo1Sp9	4	Electrical Mechanical Equipment Room - General	28	1	2	2	**PASSES**

PASSES

Project: New Prj
Title: Elaine Tolar Office Building
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JA

System Report Compliance

Pr0Sy1 **System 1** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units** 1

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		13.00	10.00	8.00		PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.80			PASSES

PASSES

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Comp liance

None

Project: New Prj
Title: Elaine Tolar Office Building
Type: Office (Business)
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JA

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Comp liance
Water Heater 1	Storage Water Heater - Electric	<=120 [gal] & <= 12 [kW]	0.90	0.87			PASSES

PASSES

Piping System Compliance

Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance

None

Project: New Prj
Title: Elaine Tolar Office Building
Type: Office (Business)
Location: COLUMBIA C

Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Infiltration	406.1	Infiltration Criteria have been met	☐
System	407.1	HVAC Load sizing has been performed	☐
Ventilation	409.1	Ventilation criteria have been met	☐
ADS	410.1	Duct sizing and Design have been performed	☐
T & B	410.1	Testing and Balancing will be performed	☐
Electrical	413.1	Metering criteria have been met	☐
Motors	414.1	Motor efficiency criteria have been met	☐
Lighting	415.1	Lighting criteria have been met	☐
O & M	102.1	Operation/maintenance manual will be provided to owner	☐
Roof/Ceil	404.1	R-19 for Roof Deck with supply plenums beneath it	☐
Report	101	Input Report Print-Out from EnergyGauge FlaCom attached?	☐

COLUMBIA COUNTY FIRE DEPARTMENT

135 NE HERNANDO AVENUE
P. O. BOX 1529
SUITE 203
LAKE CITY, FL 32055

PHONE (386) 754-7089
FAX (386) 754-7064

David L. Boozer
Division Chief

25307

27 May 07

To: Bryan Zecher
P.O. Box 815
Lake City, Florida 32056

From: David L. Boozer

Re: Elaine Tolar Bldg.

Mr. Tyre,

A fire safety inspection was performed of the Elaine Toler Office Bldg. located at 839 SW SR 247 in Columbia County Florida. This business meets all requirements of Chapter 38 of the Florida Fire Prevention Code, 2004 Edition. No violations were noted. We recommend approval.

Tom & Dana Lashley
2228 NW CR536
Mayo, Florida 32066
386-362-3900

25307

FAX MEMORANDUM

MEMORANDUM

FLORIDA DEPARTMENT OF TRANSPORTATION

To: Mr. John Kerce, Dept. Director Columbia Co. Building & Zoning Dept. **Fax No: 386-758-2160**	**From:** Dale L. Cray, FDOT Permits Insp. **Date: 5-10-2007** Fax **No. 386-961-7183** **Attention: Col Co. Building Zoning Dept.**

( ) Sign and return. ( ) For your files. ( ) Please call me. (**XX**) FYI ( ) For Review

REF: Comm- . D/W / Inspected On:5-08-2007
PROJECT: Elaine K. Tolar Pro. Offices / Res. Access S.R. 247 (N)
PARCEL ID No: 01-4s-16-02683-000 Permit No : 06-A-292-55 Sec No : 29090
MILE POST 11.358+- Engineer: Bill Freeman Freeman Design Group

Mr. Kerce:

Please accept this as our legal notice of final passing inspection for (Elaine K. Tolar) for Comm driveway. The project is located, S.R. 247 Lake City, Fl .

This access has been inspected and meets FDOT Standard Requirements.

If further information is required on this project please do not hesitate to contact this office for additional access permitting information details. My office number is 961-7193 or 961-7146.

Sincerely,

Dale L. Cray
Access Permits Inspector

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY CONNECTION PERMIT FOR ALL CATEGORIES

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 06-A-292-55

Permit Category: B Access Classification: 6

Project: 24' ASPH CON DRIVEWAY WITH DOUBLE 35' TURN RADII. .

Permittee: ELAINE K. TOLAR

Section/Mile Post: 29090 / C/L 11.358+- State Road: 247 (W)

Section/Mile Post: N/A State Road: N/A

PART 2: PERMITTEE INFORMATION

Permittee Name: ELAINE K. TOLAR

Permittee Mailing Address: 2716 W US HWY 90

City, State, Zip: LAKE CITY, FL.32055

Telephone: (386) 697-6293

Engineer/Consultant/or Project Manager: WILLIAM FREEMAN

Engineer responsible for construction inspection: WILLIAM FREEMAN (NAME) P.E.#

Mailing Address: 161 NW MADISON ST. SUITE 102

City, State, Zip: LAKE CITY, FL.32025

Telephone: (386) 758-4209 Mobile Phone

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 06-A-292-55

Signature: Department of Transportation Title: PERMITS COORDINATOR

Department Representative's Printed Name NEIL E. MILES

Temporary Permit ○ YES ◉ NO (If temporary, this permit is only valid for 6 months)

Special provisions attached ◉ YES ○ NO

Date of Issuance: SEP 2 8 2006

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY/CONNECTION APPLICATION FOR ALL CATEGORIES

850-040-15
SYSTEMS PLANNING
04/05

OFFICE USE ONLY

Application Number: 06-A-292-55
Received By: Dale L. Cray (FDOT STAFF (TYPE OR PRINT))
Category: B
Date: 9-18-2006
Section/Mile Post: 29090 / 11.358+-
State Road: 247
Section/Mile Post:
State Road:

Instructions - To Applicant

- Contact the Department of Transportation to determine what plans and other documents you are required to submit with your application.
- Complete this form (some questions may not apply to you) and attach all necessary documents and submit it to the Department of Transportation.
- For help with this form contact your local Maintenance or District Office.
  - Or visit our website at www.dot.state.fl.us/onestoppermitting for the contact person and phone number in your area.
  - You may also email - driveways@dot.state.fl.us
  - Or call your District or local Florida Department of Transportation Office and ask for Driveway Permits.

Please print or type

APPLICANT:

Check one:

○ Owner ◉ Lessee ○ Contract to Purchase

Name: Elaine Tolar

Responsible Officer or Person: William Freeman

If the Applicant is a Company or Organization, Name: Freeman Design Group

Address: 161 NW Madison St. suite 102

City, State: Lake City, Fl

Zip: 32025 Phone: (386) 758-4209 Fax: (386) 758-4290

Email: bill@freemandesign.net or varion@freemandesign.net

LAND OWNER: (if not applicant)

Name: Elaine Tolar

If the Applicant is a Company or Organization, Name:

Address: 2716 W US HWY 90

City, State: Lake City, FL

Zip: 32025 Phone: (386) 697-6293 Fax:

Email:

[redacted]

WARRANTY DEED

THIS WARRANTY DEED made this 24 day of [illegible], 2005, by DANIEL CRAPPS, a married person not residing on the property herein described, whose mailing address is 2806 U.S. Highway 90 West, Suite 101, Lake City, Florida 32055 (herein "Grantor") to ELAINE K. TOLAR, whose mailing address is 2716 West U.S. Highway 90, Lake City, Florida 32055 (herein "Grantee"):

WITNESSETH:

That the Grantor, for and in consideration of the sum of TEN AND NO/100 ($10.00) DOLLARS and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the Grantee, all that certain land situate in Columbia County, Florida, viz:

> Commence at the Southeast corner of the Southwest 1/4 of the Northwest 1/4 of Section 1, Township 4 South, Range 16 East, Columbia County, Florida, and run S 88°58'34" W. along the south line of said Southwest 1/4 of the Northwest 1/4 a distance of 362.00 feet to the point of beginning; thence continue S 88°58'34" W, still along said South line 574.44 feet to a point on the Southeasterly right-of-way line of State Road No. 247; thence N 41°30'00" E along said Southeasterly right-of-way line 384.82 feet; thence S 48°57'59" E 423.36 feet to the point of beginning.

TOGETHER WITH all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.

AND the Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land; that the Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

Grantee, all that certain land situate in Columbia County, Florida, viz:

Commence at the Southeast corner of the Southwest 1/4 of the Northwest 1/4 of Section 1, Township 4 South, Range 16 East, Columbia County, Florida, and run S 88°58'34" W. along the south line of said Southwest 1/4 of the Northwest 1/4 a distance of 362.00 feet to the point of beginning; thence continue S 88°58'34" W, still along said South line 574.44 feet to a point on the Southeasterly right-of-way line of State Road No. 247; thence N 41°30'00" E along said Southeasterly right-of-way line 384.82 feet; thence S 48°57'59" E 423.36 feet to the point of beginning.

TOGETHER WITH all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.

AND the Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land; that the Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

Inst:2005015519 Date:06/29/2005 Time:16:52
Doc Stamp-Deed : 1452.50
DC,P.DeWitt Cason,Columbia County B:1050 P:1594

IN WITNESS WHEREOF, the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered
in the presence of:

Witness

(Print or Type Name)

Witness
Judith B. Rowell
(Print or Type Name)

Daniel Crapps

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 24 day of June, 2005, by Daniel Crapps, personally known to me, or who produced _____ as identification.

(NOTARIAL SEAL)

JUDITH B. ROWELL
MY COMMISSION # DD 296512
EXPIRES: March 30, 2008
Bonded Thru Notary Public Underwriters

Notary Public, State of Florida
Judith B. Rowell
(Print or Type Name)

My Commission Expires:

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 01-4S-16-02683-000 **Building permit No.** 000025307

Use Classification COMM. OFFICE BLDG **Fire:** 133.85

Permit Holder BRYAN ZECHER **Waste:**

Owner of Building ELAINE TOLAR **Total:** 133.85

Location: 839 SW SR 247,LAKE CITY, FL 32025

Date: 05/15/2007

John D. Kerce

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Project Information for:	L217807		
Builder:	BRYAN ZECHER	Date:	11/15/2006
Lot:	N/A	Start Number:	**1292**
Subdivision:	839 SW SR 247	SEI Ref:	L217807
County or City:	COLUMBIA COUNTY		
Truss Page Count:	18		

Truss Design Load Information (UNO) Design Program: MiTek

Gravity		**Wind**		**Building Code:**	**FBC2004**
Roof (psf):	**42**	Wind Standard:	**ASCE 7-02**		
Floor (psf):	55	Wind Speed (mph):	**120**		

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

ZECHER, BRYAN C. CBC 054575
Address: PO BOX 815
LAKE CITY,FLORIDA 32056 Designer: **187**

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987
Company: Structural Engineering and Inspections, Inc. EB 9196
Address 16105 N. Florida Ave, Ste B, Lutz, FL 33549 Phone: 813-849-5769

Notes:

1. Truss Design Engineer is responsible for the individual trusses as components only.
2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for veritcal loads only, unless noted otherwise.
5. Where hangers are shown, Carried Member hanger capacity per Simpson C-2006 (SYP/Full Nailing Value) as an individual component. Building Designer shall verify the suitablity and use of Carrying Member hanger capacity.

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	1115061292	11/15/2006				
2	CJ3	1115061291	11/15/2006				
3	CJ5	1115061290	11/15/2006				
4	EJ5	1115061289	11/15/2006				
5	EJ7	1115061288	11/15/2006				
6	EJ7A	1115061287	11/15/2006				
7	HJ7	1115061286	11/15/2006				
8	HJ9	1115061285	11/15/2006				
9	T01	1115061284	11/15/2006				
10	T02	1115061283	11/15/2006				
11	T03	1115061282	11/15/2006				
12	T04	1115061281	11/15/2006				
13	T05	1115061280	11/15/2006				
14	T06	1115061279	11/15/2006				
15	T07	1115061278	11/15/2006				
16	T08	1115061277	11/15/2006				
17	T09	1115061276	11/15/2006				
18	T10	1115061275	11/15/2006				

NOV 15 2006

Licensee Details

Licensee Information

Name:	**ZECHER, BRYAN CHRISTIAN (Primary Name)**
	BRYAN ZECHER CONSTRUCTION INC (DBA
Main Address:	**P O BOX 815** **LAKE CITY, Florida 32056**
Lic. Location:	**465 NW ORANGE ST** **LAKE CITY, FL 32055 United States Columbia**

License Information

License Type:	**Certified Building Contractor**
Rank:	**Cert Building**
License Number:	**CBC054575**
Status:	**Current, Active**
Licensure Date:	**12/05/1991**
Expires:	**08/31/2006**

Special Qualifications	Effective Date
Bldg Code Core Course Credit	
Qualified Business License Required	04/13/2004

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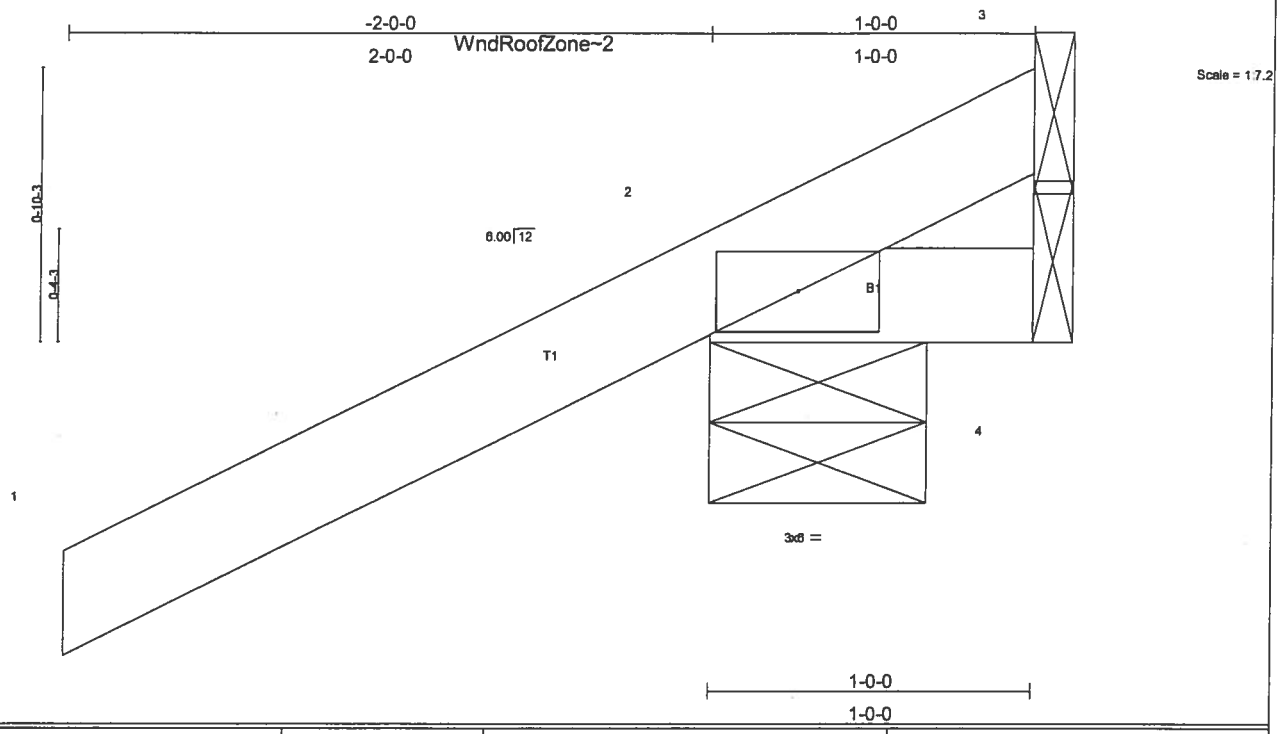
NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B LUTZ, FL 33548

Job	Truss	Truss Type	Qty	Ply	TOLAR DWG#1106061292
L217807	CJ1	JACK	16	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:36:23 2006 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	0.34	Vert(LL)	-0.00	2	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.01	Vert(TL)	-0.00	2	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 7 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) 2=276/0-8-0, 4=14/Mechanical, 3=-100/Mechanical
Max Horz 2=103(load case 5)
Max Uplift2=-349(load case 5), 3=-100(load case 1)
Max Grav 2=276(load case 1), 4=14(load case 1), 3=167(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-75/103
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.18

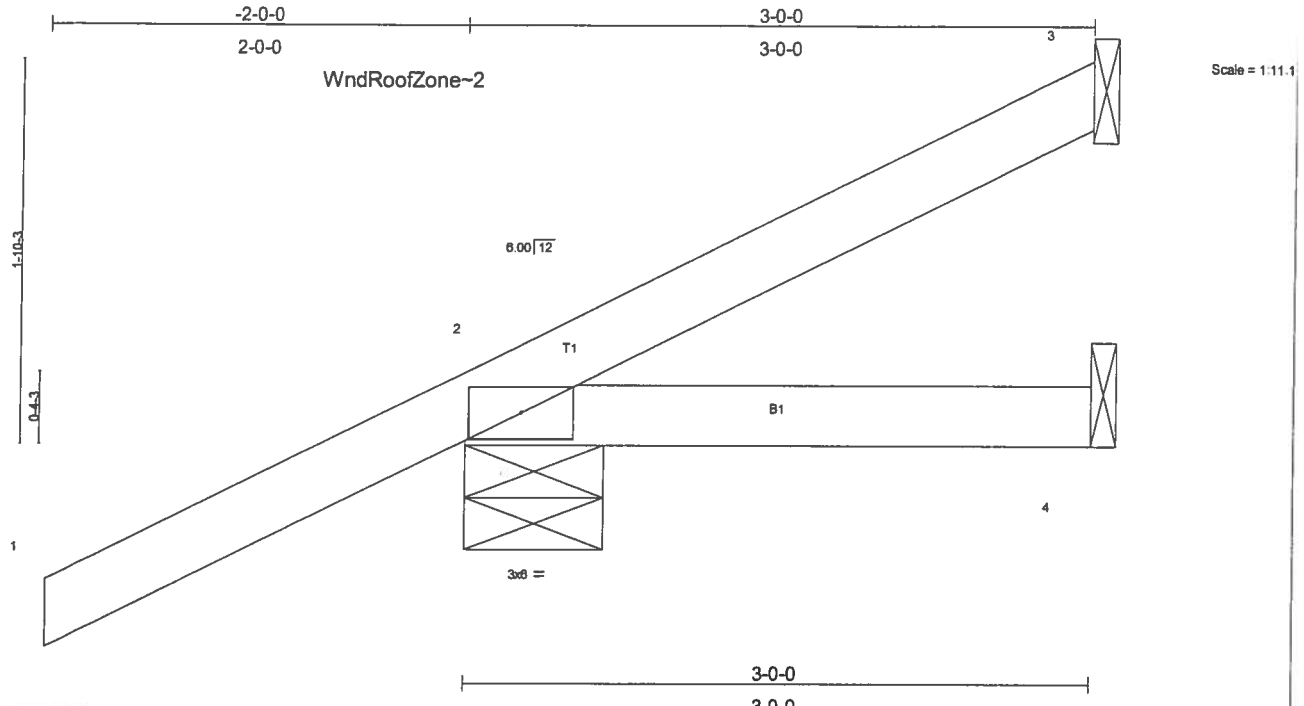
NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 349 lb uplift at joint 2 and 100 lb uplift at joint 3.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG Dwg.#1415061291
L217807	CJ3	JACK	16	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:36:35 2006 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	0.40	Vert(LL)	0.01	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.09	Vert(TL)	0.01	2-4	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 13 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=14/Mechanical, 2=292/0-8-0, 4=39/Mechanical
Max Horz 2=157(load case 5)
Max Uplift3=-27(load case 6), 2=-312(load case 5), 4=-31(load case 3)
Max Grav 3=21(load case 3), 2=292(load case 1), 4=39(load case 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-64/9
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.17

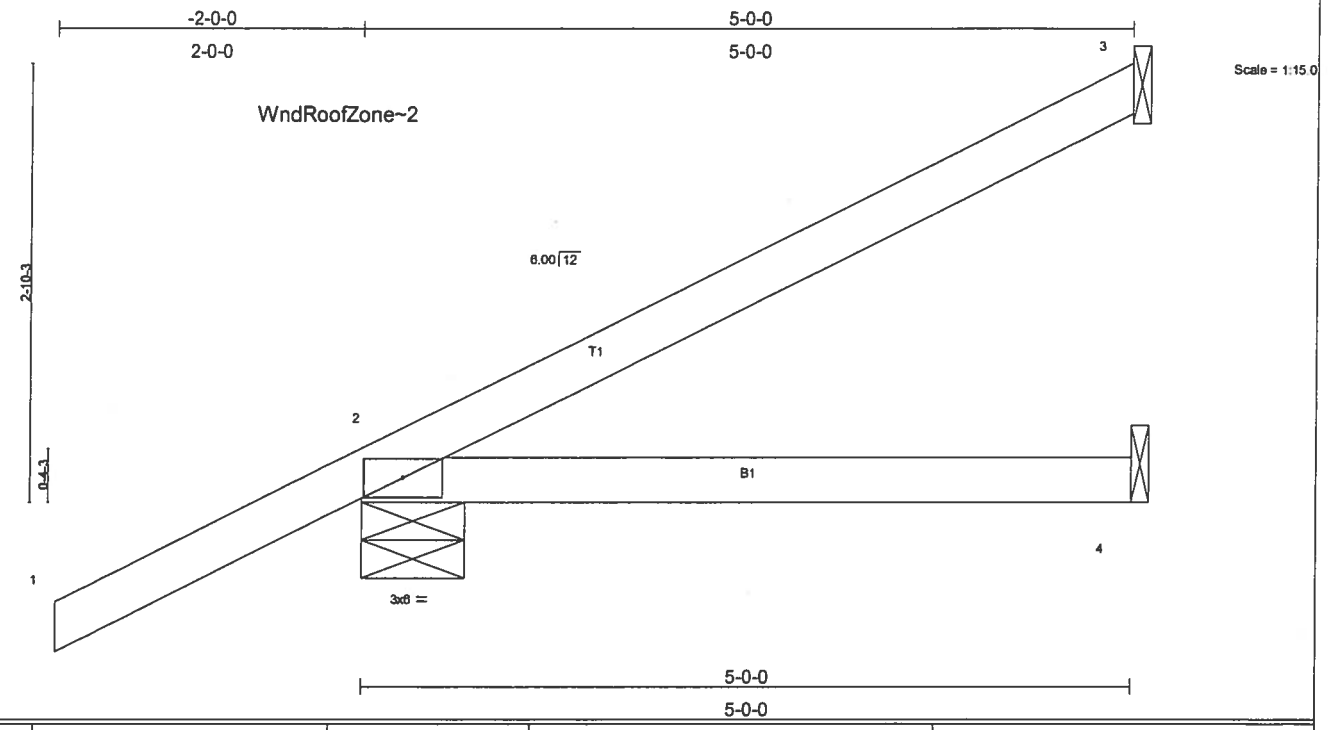
NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 3, 312 lb uplift at joint 2 and 31 lb uplift at joint 4.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG. Dwg #1115061290
L217807	CJ5	JACK	12	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:36:46 2006 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	0.40	Vert(LL)	0.09	2-4	>628	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.27	Vert(TL)	0.08	2-4	>714	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 19 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=92/Mechanical, 2=351/0-8-0, 4=69/Mechanical
Max Horz 2=211(load case 5)
Max Uplift3=-96(load case 5), 2=-332(load case 5), 4=-55(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-98/32
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.19

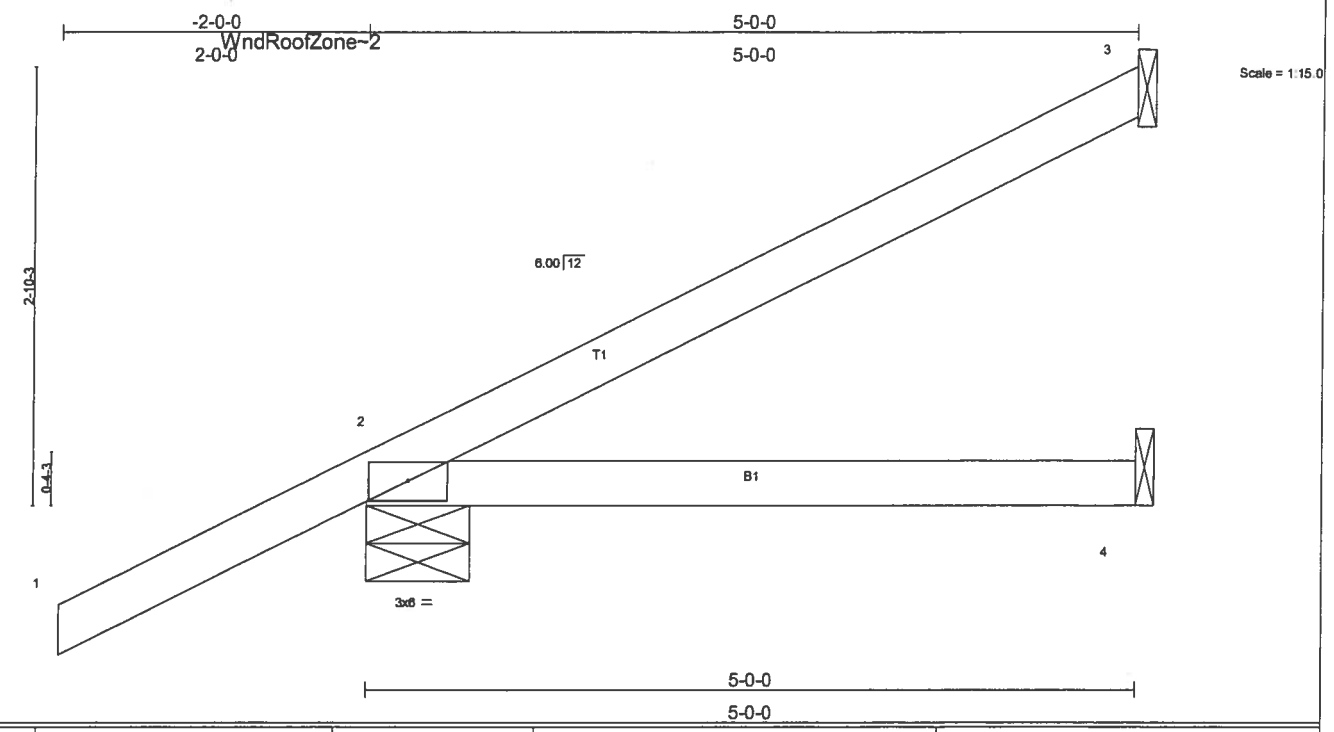
NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 3, 332 lb uplift at joint 2 and 55 lb uplift at joint 4.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG. Dwg #1115061289
L217807	EJ5	JACK	4	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:36:56 2006 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	0.34	Vert(LL)	0.07	2-4	>747	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	0.06	2-4	>872	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 19 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=92/Mechanical, 2=351/0-8-0, 4=69/Mechanical
Max Horz 2=178(load case 5)
Max Uplift3=-79(load case 5), 2=-270(load case 5), 4=-44(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-84/32
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.15

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 79 lb uplift at joint 3, 270 lb uplift at joint 2 and 44 lb uplift at joint 4.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BUILDING Dwg.#1115061288
L217807	EJ7	MONO TRUSS	14	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:37:07 2006 Page 1

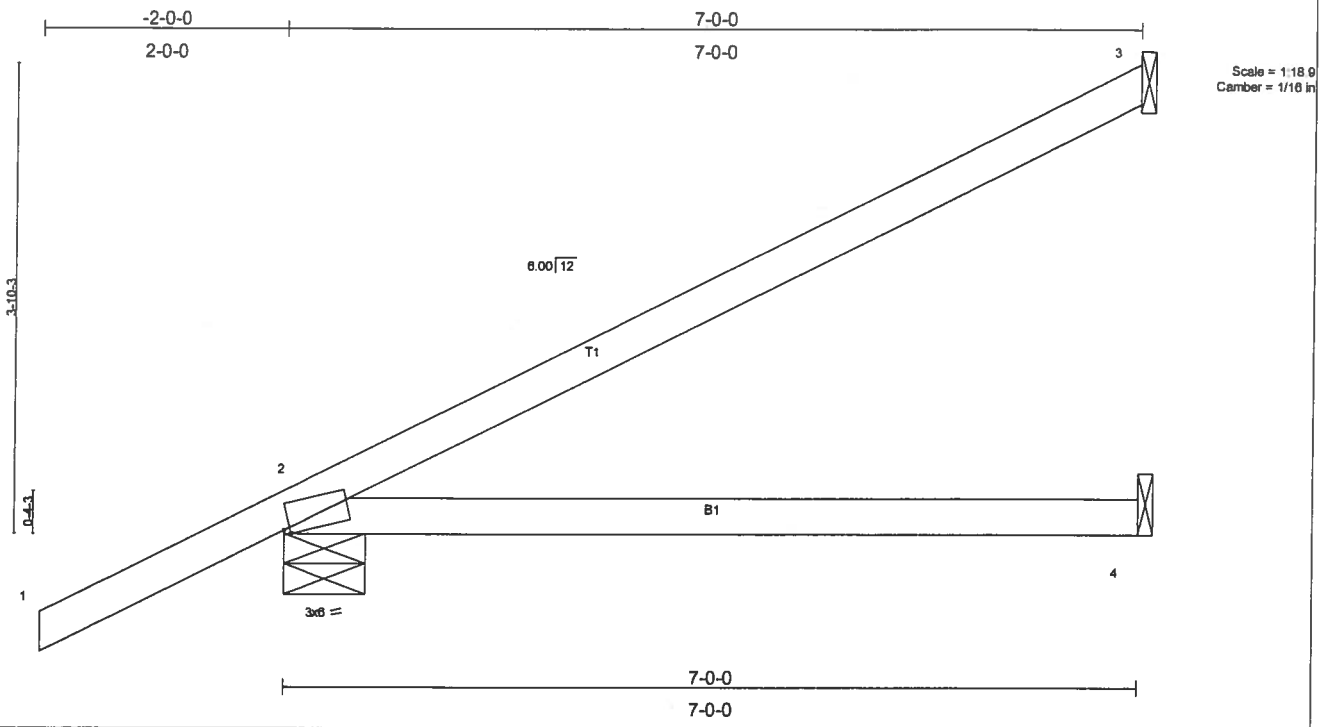


Plate Offsets (X,Y): [2:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.40	Vert(LL)	0.25	2-4	>322	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	0.21	2-4	>382	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 26 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D

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=154/Mechanical, 2=426/0-8-0, 4=101/Mechanical
Max Horz 2=266(load case 5)
Max Uplift3=-170(load case 5), 2=-374(load case 5), 4=-83(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/48, 2-3=-106/56
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.92

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 3, 374 lb uplift at joint 2 and 83 lb uplift at joint 4.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Dwg #1115061287

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG.
L217807	EJ7A	MONO TRUSS	20	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:37:25 2006 Page 1

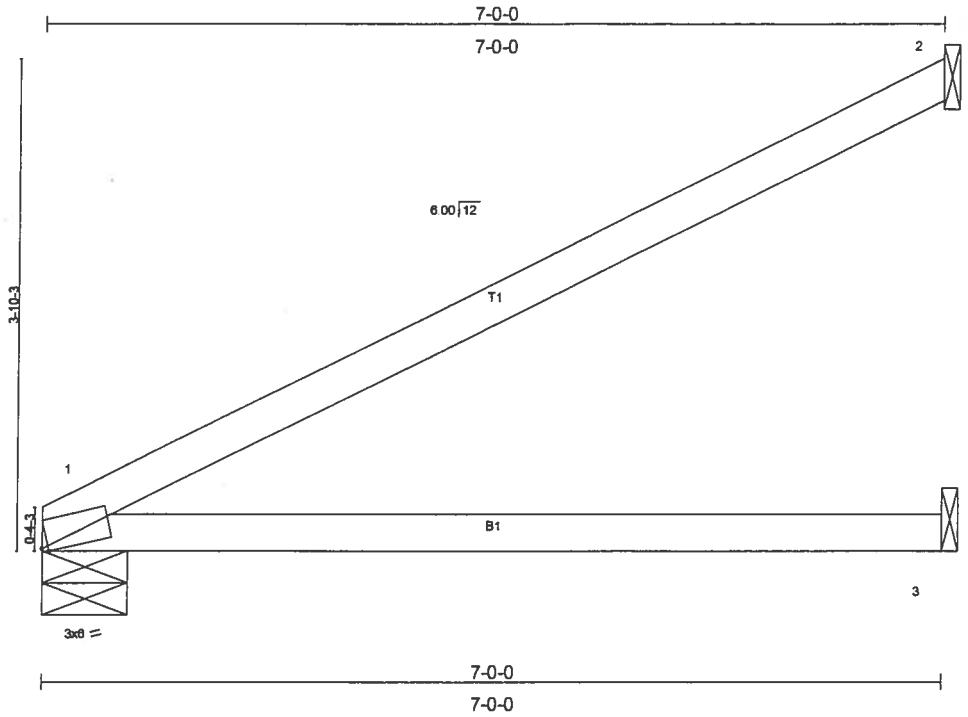


Plate Offsets (X,Y): [1:0-0-10,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.45	Vert(LL)	0.33	1-3	>240	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.41	Vert(TL)	0.28	1-3	>282	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 22 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D

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

REACTIONS (lb/size) 1=277/0-8-0, 2=164/Mechanical, 3=113/Mechanical
Max Horz 1=193(load case 5)
Max Uplift1=-181(load case 5), 2=-185(load case 5), 3=-99(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-113/60
BOT CHORD 1-3=0/0

JOINT STRESS INDEX
1 = 0.87

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 181 lb uplift at joint 1, 185 lb uplift at joint 2 and 99 lb uplift at joint 3.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE/BLDG Dwg.#1 PD5061286
L217807	HJ7	JACK	2	1	Job Reference (optional)

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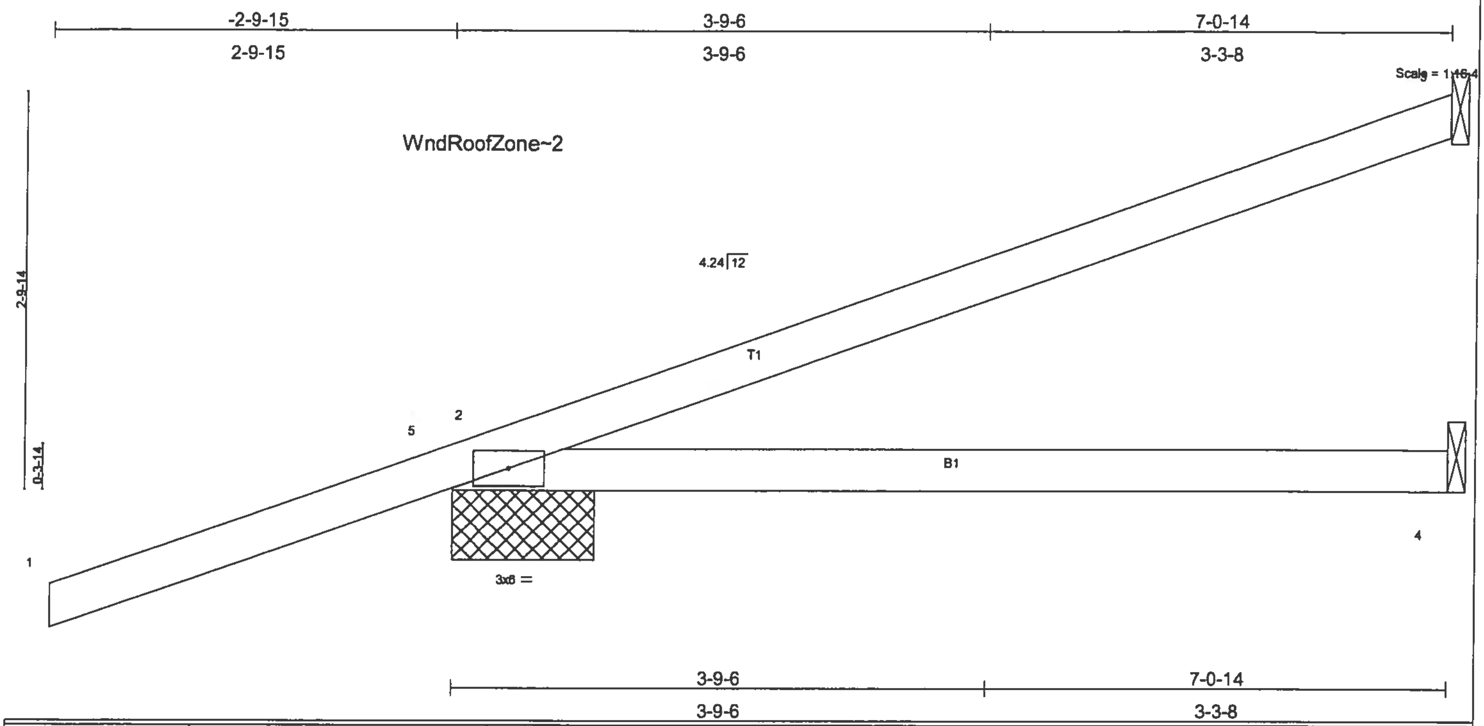

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.57	Vert(LL)	-0.07	2-4	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.27	Vert(TL)	-0.12	2-4	>654	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 26 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 7-0-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=188/Mechanical, 2=374/1-0-1, 4=110/Mechanical
Max Horz 2=164(load case 2)
Max Uplift3=-142(load case 2), 2=-245(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-5=0/45, 2-5=0/45, 2-3=-68/45
BOT CHORD 2-4=0/0

JOINT STRESS INDEX
2 = 0.49

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 3 and 245 lb uplift at joint 2.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-54
Trapezoidal Loads (plf)
Vert: 5=0(F=27, B=27)-to-3=-95(F=-21, B=-21), 2=-3(F=14, B=14)-to-4=-53(F=-12, B=-12)

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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG. Dwg #J115061285
L217807	HJ9	MONO TRUSS	6	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:38:16 2006 Page 1

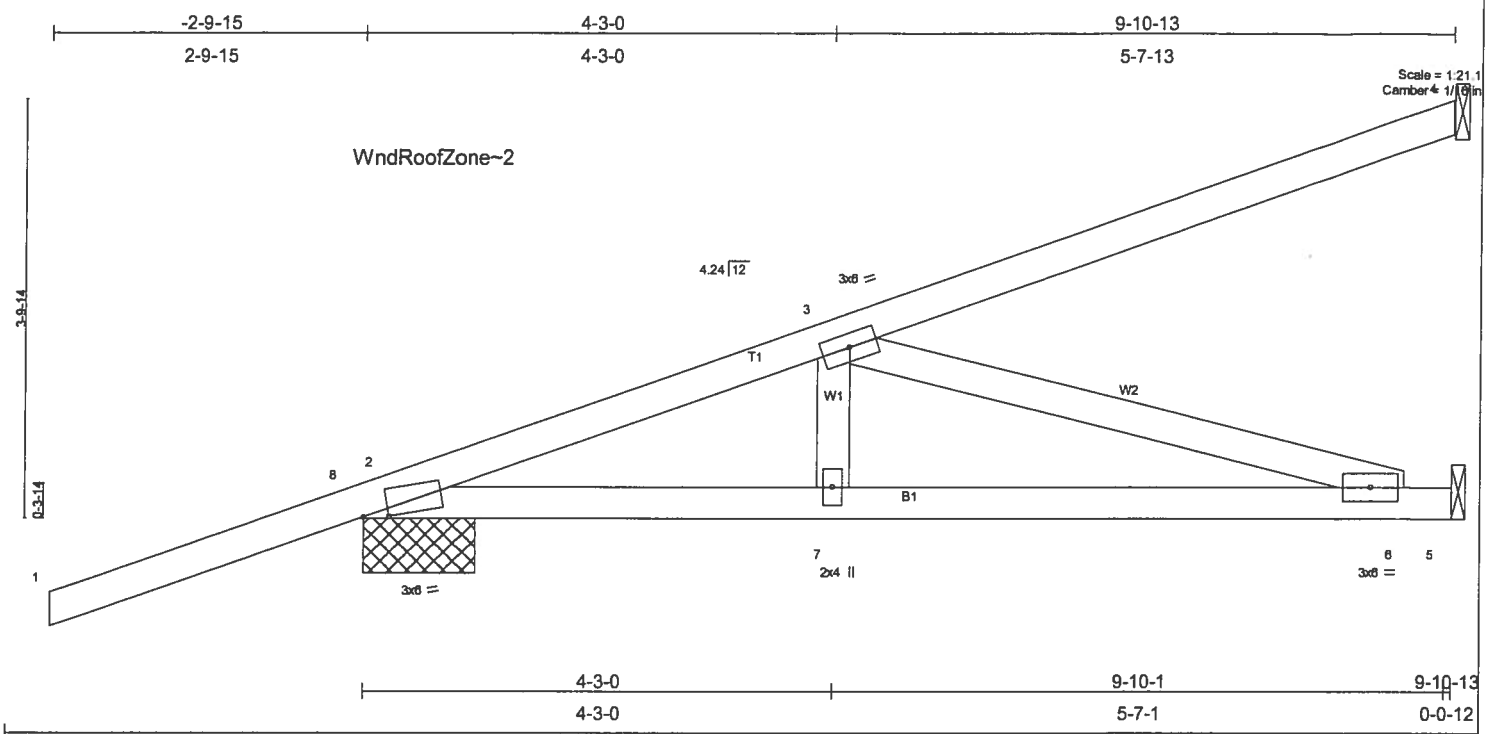

Plate Offsets (X,Y): [2:0-2-11,0-0-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	0.12	6-7	>961	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.61	Vert(TL)	-0.18	6-7	>619	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.46	Horz(TL)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 45 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-1-0 oc bracing.

REACTIONS (lb/size) 4=270/Mechanical, 2=533/1-0-1, 5=372/Mechanical
Max Horz 2=315(load case 2)
Max Uplift4=-285(load case 2), 2=-485(load case 2), 5=-223(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-8=0/45, 2-8=0/45, 2-3=-876/440, 3-4=-123/66
BOT CHORD 2-7=-644/807, 6-7=-644/807, 5-6=0/0
WEBS 3-7=-117/190, 3-6=-841/671

JOINT STRESS INDEX
2 = 0.93, 3 = 0.28, 6 = 0.24 and 7 = 0.14

NOTES
1) Wind: ASCE 7-02; 120mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 285 lb uplift at joint 4, 485 lb uplift at joint 2 and 223 lb uplift at joint 5.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-8=-54
Trapezoidal Loads (plf)
Vert: 8=0(F=27, B=27)-to-4=-134(F=-40, B=-40), 2=-3(F=14, B=14)-to-5=-74(F=-22, B=-22)

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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG. Dwg #1115061284
L217807	T01	HIP	1	1	Job Reference (optional)

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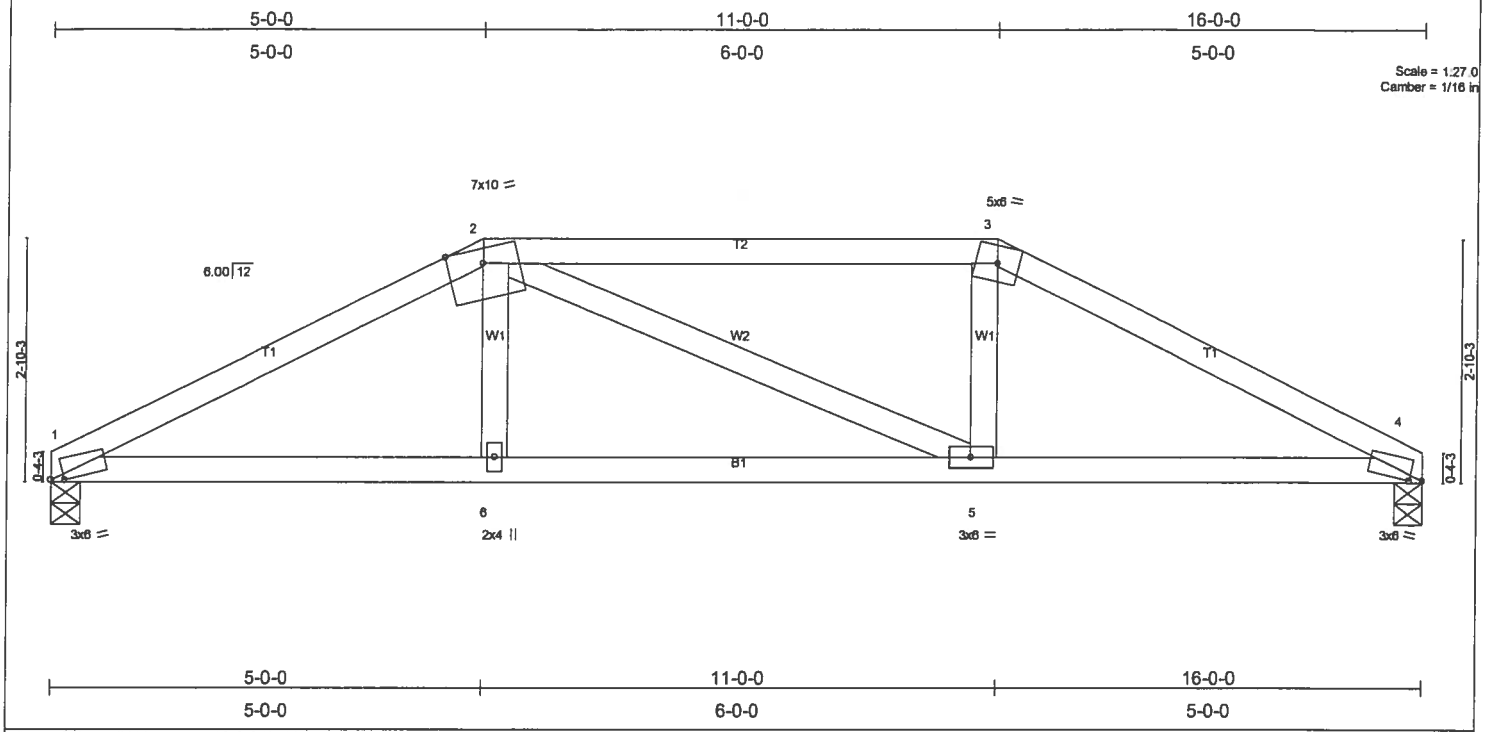

Plate Offsets (X,Y): [1:0-1-13,0-0-7], [4:0-1-13,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.10	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.17	5-6	>999	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.16	Horz(TL)	0.05	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 65 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-0-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-5-3 oc bracing.

REACTIONS (lb/size) 1=1068/0-4-0, 4=1068/0-4-0
Max Horz 1=37(load case 3)
Max Uplift1=-603(load case 4), 4=-603(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-2016/1078, 2-3=-1787/1028, 3-4=-2017/1078
BOT CHORD 1-6=-956/1758, 5-6=-968/1786, 4-5=-919/1759
WEBS 2-6=-230/486, 2-5=-103/105, 3-5=-241/511

JOINT STRESS INDEX
1 = 0.81, 2 = 0.70, 3 = 0.70, 4 = 0.81, 5 = 0.33 and 6 = 0.35

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 603 lb uplift at joint 1 and 603 lb uplift at joint 4.
6) Girder carries hip end with 5-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 245 lb down and 126 lb up at 11-0-0, and 245 lb down and 126 lb up at 5-0-0 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).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-3=-90(F=-36), 3-4=-54, 1-6=-30, 5-6=-50(F=-20), 4-5=-30
Concentrated Loads (lb)
Vert: 6=-245(F) 5=-245(F)

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Job	Truss	Truss Type	Qty	Ply	TOLAR OPTION BLDG. Page #115061283
L217807	T02	HIP	2	2	Job Reference (optional)

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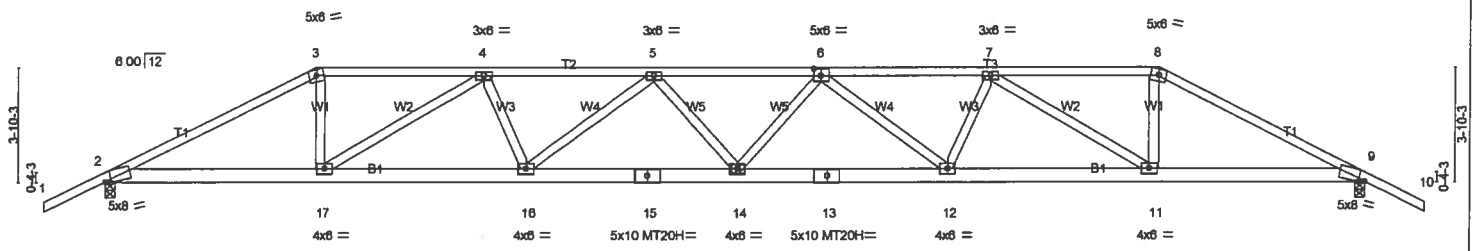
-2-0-0	7-0-0	12-7-3	18-2-6	23-9-10	29-4-13	35-0-0	42-0-0	44-0-0
2-0-0	7-0-0	5-7-3	5-7-3	5-7-3	5-7-3	5-7-3	7-0-0	2-0-0

Scale = 1:77.1
Camber = 3/8 in



7-0-0	14-0-0	21-0-0	28-0-0	35-0-0	42-0-0
7-0-0	7-0-0	7-0-0	7-0-0	7-0-0	7-0-0

Plate Offsets (X,Y): [2:0-2-6,Edge], [6:0-3-0,0-3-0], [9:0-2-6,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.64	Vert(LL)	-0.58	14	>856	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.67	Vert(TL)	-0.94	14	>535	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	NO	WB	0.65	Horz(TL)	0.18	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 471 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-5-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-1-7 oc bracing.

REACTIONS (lb/size) 2=3773/0-4-0, 9=3773/0-4-0
Max Horz 2=89(load case 4)
Max Uplift2=-1564(load case 4), 9=-1564(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/51, 2-3=-7571/3250, 3-4=-6805/2990, 4-5=-10473/4600, 5-6=-11716/5125, 6-7=-10473/4601, 7-8=-6805/2990, 8-9=-7571/3250, 9-10=0/51
BOT CHORD 2-17=-2861/6684, 16-17=-4365/9933, 15-16=-5090/11535, 14-15=-5090/11535, 13-14=-5071/11535, 12-13=-5071/11535, 11-12=-4326/9933, 9-11=-2822/6684
WEBS 3-17=-1145/2888, 4-17=-3789/1794, 4-16=-435/1465, 5-16=-1401/770, 5-14=0/315, 6-14=0/315, 6-12=-1401/770, 7-12=-435/1465, 7-11=-3789/1794, 8-11=-1145/2888

JOINT STRESS INDEX
2 = 0.72, 3 = 0.71, 4 = 0.64, 5 = 0.38, 6 = 0.71, 7 = 0.64, 8 = 0.71, 9 = 0.72, 11 = 0.66, 12 = 0.44, 13 = 0.79, 14 = 0.26, 15 = 0.79, 16 = 0.44 and 17 = 0.66

NOTES
1) 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 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
2) 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.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1564 lb uplift at joint 2 and 1564 lb uplift at joint 9.
9) Girder carries hip end with 7-0-0 end setback.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 35-0-0, and 539 lb down and 277 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-8=-117(F=-63), 8-10=-54, 2-17=-30, 11-17=-65(F=-35), 9-11=-30
Concentrated Loads (lb)
Vert: 17=-539(F) 11=-539(F)

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16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR DRAGE BLDG 061282
L217807	T03	HIP	2	1	Job Reference (optional)

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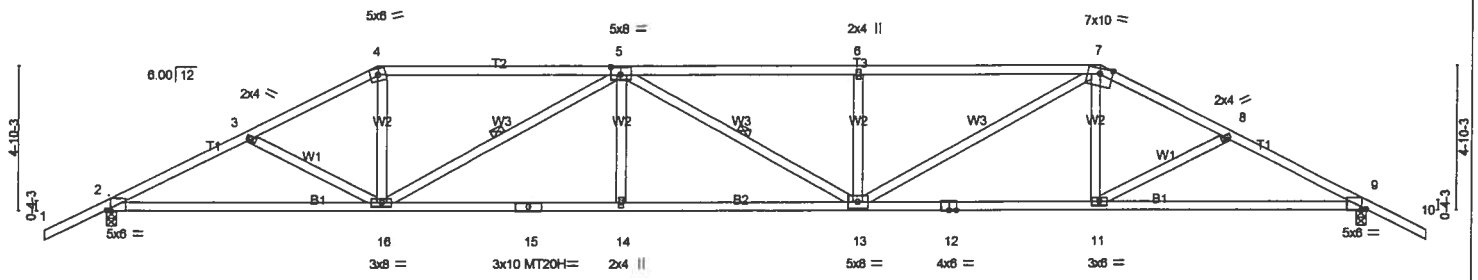
-2-0-0	4-9-4	9-0-0	17-0-9	24-11-7	33-0-0	37-2-12	42-0-0	44-0-0
2-0-0	4-9-4	4-2-12	8-0-9	7-10-13	8-0-9	4-2-12	4-9-4	2-0-0

Scale = 1:77.1
Camber = 5/16 in



9-0-0	17-0-9	24-11-7	33-0-0	42-0-0
9-0-0	8-0-9	7-10-13	8-0-9	9-0-0

Plate Offsets (X,Y): [2:0-1-11,Edge], [5:0-3-12,0-3-0], [9:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.74	Vert(LL)	-0.50	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-0.80	13-14	>622	180	MT20H	187/143
BCLL	10.0	Rep Stress Incr	YES	WB	0.82	Horz(TL)	0.22	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 214 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-5-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-8-9 oc bracing.
WEBS 1 Row at midpt 5-16, 5-13

REACTIONS (lb/size) 2=1867/0-4-0, 9=1867/0-4-0
Max Horz 2=101(load case 5)
Max Uplift2=-600(load case 5), 9=-600(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3278/978, 3-4=-3094/967, 4-5=-2767/909, 5-6=-3921/1329, 6-7=-3921/1329, 7-8=-3094/968, 8-9=-3278/978, 9-10=0/47
BOT CHORD 2-16=-853/2863, 15-16=-1235/3916, 14-15=-1235/3916, 13-14=-1234/3918, 12-13=-753/2746, 11-12=-753/2746, 9-11=-797/2863
WEBS 3-16=-147/171, 4-16=-214/1001, 5-16=-1406/561, 5-14=0/230, 5-13=-66/72, 6-13=-441/309, 7-13=-568/1429, 7-11=-20/335, 8-11=-147/170

JOINT STRESS INDEX
2 = 0.82, 3 = 0.34, 4 = 0.79, 5 = 0.52, 6 = 0.34, 7 = 0.70, 8 = 0.34, 9 = 0.82, 11 = 0.35, 12 = 0.89, 13 = 0.66, 14 = 0.34, 15 = 0.92 and 16 = 0.67

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 600 lb uplift at joint 2 and 600 lb uplift at joint 9.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG Dwg.#1115061281
L217807	T04	HIP	2	1	Job Reference (optional)

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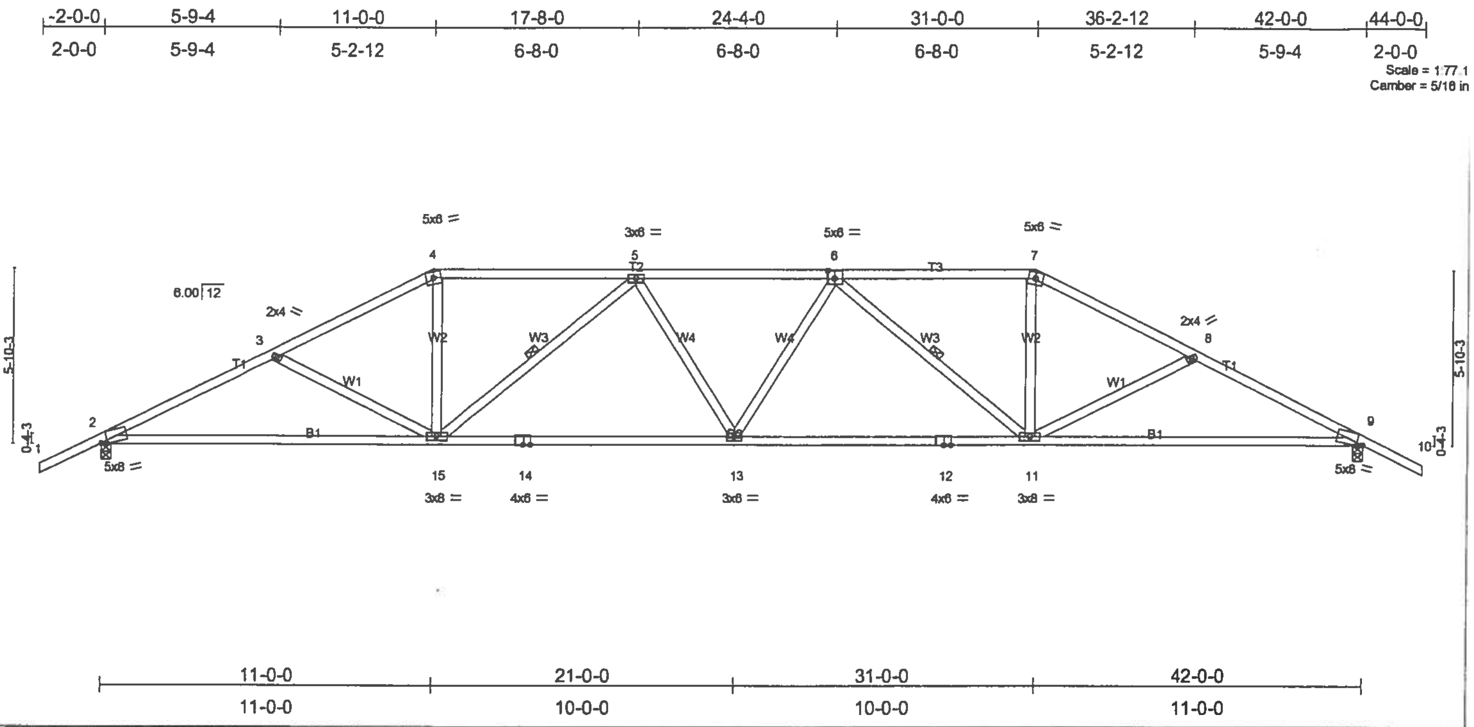

Plate Offsets (X,Y): [2:0-2-7,Edge], [6:0-3-0,0-3-0], [9:0-2-7,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.42	2-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.94	Vert(TL)	-0.71	2-15	>708	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.32	Horz(TL)	0.20	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 212 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-15, 6-11

REACTIONS (lb/size) 2=1867/0-4-0, 9=1867/0-4-0
Max Horz 2=115(load case 5)
Max Uplift2=-620(load case 5), 9=-620(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3244/911, 3-4=-2951/849, 4-5=-2607/801, 5-6=-3276/1002, 6-7=-2607/801, 7-8=-2951/849, 8-9=-3244/911, 9-10=0/47
BOT CHORD 2-15=-791/2841, 14-15=-926/3193, 13-14=-926/3193, 12-13=-895/3193, 11-12=-895/3193, 9-11=-721/2841
WEBS 3-15=-295/257, 4-15=-190/965, 5-15=-867/398, 5-13=0/221, 6-13=0/221, 6-11=-867/398, 7-11=-190/965, 8-11=-295/258

JOINT STRESS INDEX
2 = 0.75, 3 = 0.34, 4 = 0.64, 5 = 0.43, 6 = 0.58, 7 = 0.64, 8 = 0.34, 9 = 0.75, 11 = 0.57, 12 = 0.94, 13 = 0.43, 14 = 0.94 and 15 = 0.57

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 620 lb uplift at joint 2 and 620 lb uplift at joint 9.

LOAD CASE(S) Standard

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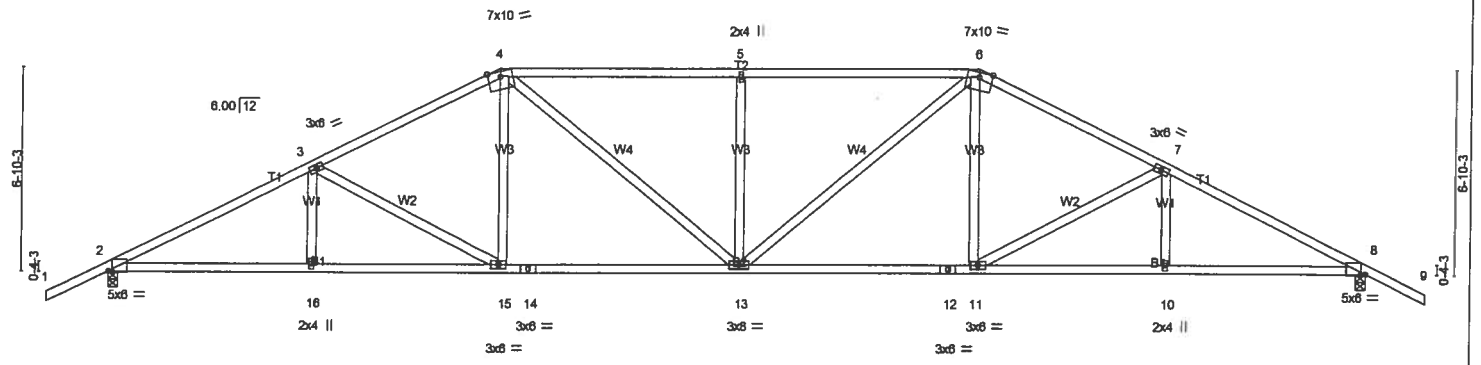
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR Drwg#BLDG061280
L217807	T05	HIP	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:41:18 2006 Page 1

-2-0-0	6-9-4	13-0-0	21-0-0	29-0-0	35-2-12	42-0-0	44-0-0
2-0-0	6-9-4	6-2-12	8-0-0	8-0-0	6-2-12	6-9-4	2-0-0

Scale = 1:77.1
Camber = 3/16 in



6-9-4	13-0-0	21-0-0	29-0-0	35-2-12	42-0-0
6-9-4	6-2-12	8-0-0	8-0-0	6-2-12	6-9-4

Plate Offsets (X,Y): [2:0-1-11,Edge], [8:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	-0.33	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.65	Vert(TL)	-0.53	11-13	>942	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.50	Horz(TL)	0.18	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 224 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-2-6 oc bracing.

REACTIONS (lb/size) 2=1867/0-4-0, 8=1867/0-4-0
Max Horz 2=129(load case 5)
Max Uplift2=-638(load case 5), 8=-638(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3320/900, 3-4=-2756/815, 4-5=-2832/903, 5-6=-2832/903, 6-7=-2756/815, 7-8=-3320/901, 8-9=0/47
BOT CHORD 2-16=-775/2878, 15-16=-775/2878, 14-15=-582/2412, 13-14=-582/2412, 12-13=-497/2412, 11-12=-497/2412, 10-11=-646/2878, 8-10=-646/2878
WEBS 3-16=0/201, 3-15=-546/290, 4-15=-97/473, 4-13=-277/679, 5-13=-456/325, 6-13=-277/679, 6-11=-97/473, 7-11=-546/290, 7-10=0/201

JOINT STRESS INDEX
2 = 0.83, 3 = 0.41, 4 = 0.72, 5 = 0.34, 6 = 0.72, 7 = 0.41, 8 = 0.83, 10 = 0.34, 11 = 0.35, 12 = 0.87, 13 = 0.66, 14 = 0.87, 15 = 0.35 and 16 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 638 lb uplift at joint 2 and 638 lb uplift at joint 8.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR DWG#41506127 9
L217807	T06	HIP	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:42:20 2006 Page 1

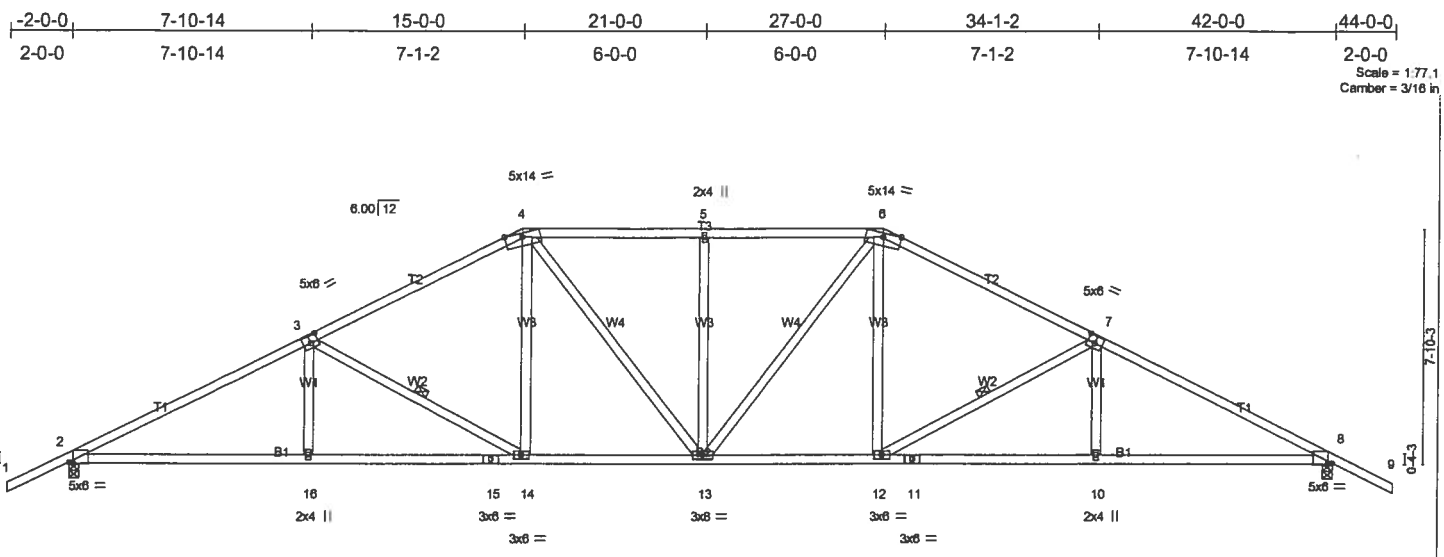


Plate Offsets (X,Y): [2:0-1-11,Edge], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.65	Vert(LL)	-0.27	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.78	Vert(TL)	-0.43	12-13	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.18	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 231 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-9-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-0-1 oc bracing.
WEBS 1 Row at midpt 3-14, 7-12

REACTIONS (lb/size) 2=1867/0-4-0, 8=1867/0-4-0
Max Horz 2=143(load case 5)
Max Uplift2=-654(load case 5), 8=-654(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3281/923, 3-4=-2583/770, 4-5=-2424/793, 5-6=-2424/793, 6-7=-2583/770, 7-8=-3281/923, 8-9=0/47
BOT CHORD 2-16=-797/2838, 15-16=-797/2838, 14-15=-797/2838, 13-14=-486/2239, 12-13=-411/2239, 11-12=-654/2838, 10-11=-654/2838, 8-10=-654/2838
WEBS 3-16=0/255, 3-14=-701/358, 4-14=-133/532, 4-13=-194/453, 5-13=-323/235, 6-13=-194/453, 6-12=-133/532, 7-12=-701/359, 7-10=0/255

JOINT STRESS INDEX
2 = 0.82, 3 = 0.79, 4 = 0.92, 5 = 0.34, 6 = 0.92, 7 = 0.79, 8 = 0.82, 10 = 0.34, 11 = 0.93, 12 = 0.35, 13 = 0.58, 14 = 0.35, 15 = 0.93 and 16 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint 2 and 654 lb uplift at joint 8.

LOAD CASE(S) Standard

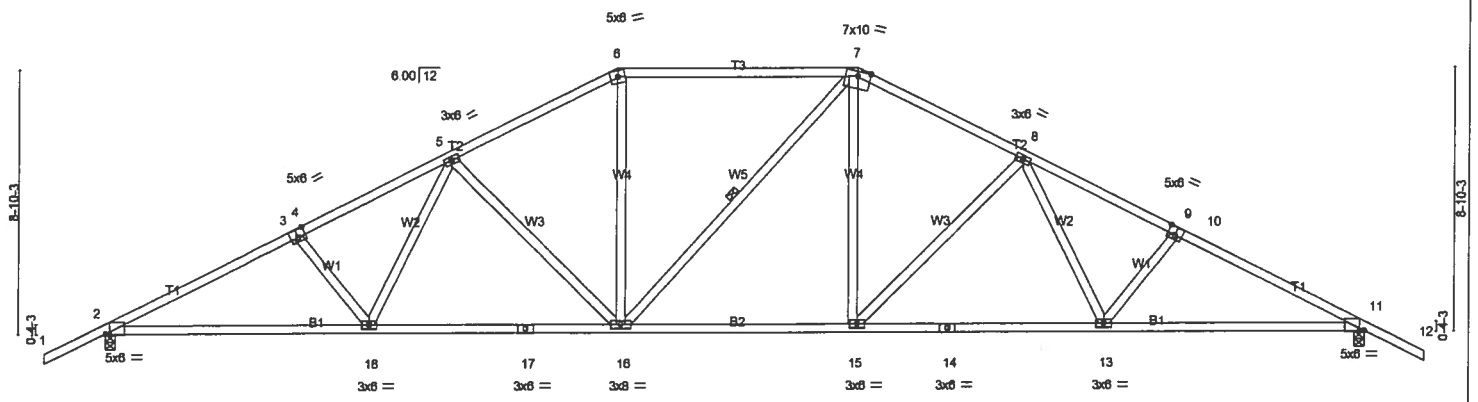
~~NOVEMBER15, 2006 TRUSS DESIGN ENGINEER.~~
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG. Dwg #1115061278
L217807	T07	HIP	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:43:10 2006 Page 1

-2-0-0	6-4-10	11-6-3	17-0-0	25-0-0	30-5-13	35-7-6	42-0-0	44-0-0
2-0-0	6-4-10	5-1-8	5-5-13	8-0-0	5-5-13	5-1-8	6-4-10	2-0-0

Scale = 1:77.1
Camber = 3/16 in



8-9-4	17-0-0	25-0-0	33-2-12	42-0-0
8-9-4	8-2-12	8-0-0	8-2-12	8-9-4

Plate Offsets (X,Y): [2:0-1-11,Edge], [4:0-3-0,0-3-4], [9:0-3-0,0-3-4], [11:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.50	Vert(LL)	-0.29	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.74	Vert(TL)	-0.48	13-15	>999	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.67	Horz(TL)	0.17	11	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 232 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-8-13 oc bracing.
WEBS 1 Row at midpt 7-16

REACTIONS (lb/size) 2=1873/0-4-0, 11=1873/0-4-0
Max Horz 2=-158(load case 6)
Max Uplift2=-673(load case 5), 11=-673(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3304/988, 3-4=-3102/944, 4-5=-3099/964, 5-6=-2384/769, 6-7=-2094/746, 7-8=-2383/769, 8-9=-3099/964, 9-10=-3102/944, 10-11=-3304/988, 11-12=0/47
BOT CHORD 2-18=-884/2871, 17-18=-679/2486, 16-17=-679/2486, 15-16=-389/2094, 14-15=-528/2486, 13-14=-528/2486, 11-13=-727/2871
WEBS 3-18=-266/235, 5-18=-143/533, 5-16=-577/339, 6-16=-159/651, 7-16=-192/193, 7-15=-197/651, 8-15=-579/339, 8-13=-143/534, 10-13=-266/235

JOINT STRESS INDEX
2 = 0.83, 3 = 0.00, 4 = 0.51, 5 = 0.41, 6 = 0.80, 7 = 0.80, 8 = 0.41, 9 = 0.51, 10 = 0.00, 11 = 0.83, 13 = 0.46, 14 = 0.99, 15 = 0.43, 16 = 0.57, 17 = 0.99 and 18 = 0.46

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 673 lb uplift at joint 2 and 673 lb uplift at joint 11.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BLDG.
L217807	T08	HIP	2	1	Job Reference (optional)

Dwg #1115061277

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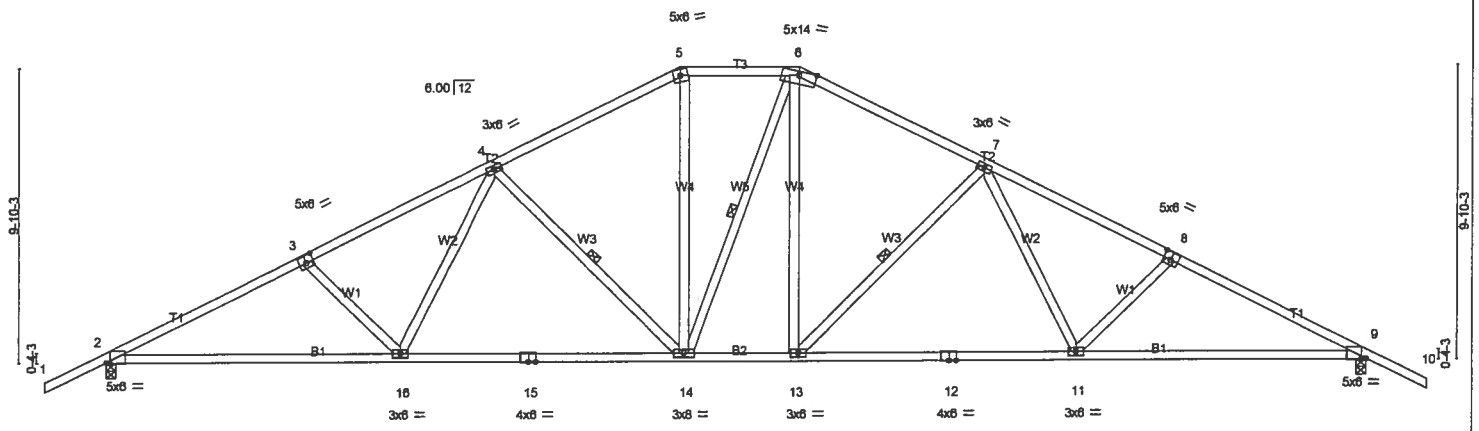
-2-0-0	6-7-5	12-10-3	19-0-0	23-0-0	29-1-13	35-4-11	42-0-0	44-0-0
2-0-0	6-7-5	6-2-13	6-1-13	4-0-0	6-1-13	6-2-13	6-7-5	2-0-0

Scale = 1:77.1
Camber = 1/4 in



9-9-4	19-0-0	23-0-0	32-2-12	42-0-0
9-9-4	9-2-12	4-0-0	9-2-12	9-9-4

Plate Offsets (X,Y): [2:0-1-11,Edge], [3:0-3-0,0-3-0], [8:0-3-0,0-3-0], [9:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.44	Vert(LL)	-0.36	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.83	Vert(TL)	-0.59	11-13	>842	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.40	Horz(TL)	0.17	9	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 240 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-2 oc bracing.
WEBS 1 Row at midpt 4-14, 6-14, 7-13

REACTIONS (lb/size) 2=1867/0-4-0, 9=1867/0-4-0
Max Horz 2=-171(load case 6)
Max Uplift2=-682(load case 5), 9=-682(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3255/1012, 3-4=-3024/956, 4-5=-2200/746, 5-6=-1908/726, 6-7=-2198/746, 7-8=-3025/956, 8-9=-3256/1012, 9-10=0/47
BOT CHORD 2-16=-917/2844, 15-16=-669/2385, 14-15=-669/2385, 13-14=-361/1906, 12-13=-528/2385, 11-12=-528/2385, 9-11=-746/2844
WEBS 3-16=-305/268, 4-16=-142/591, 4-14=-699/396, 5-14=-218/681, 6-14=-200/209, 6-13=-248/682, 7-13=-701/396, 7-11=-143/592, 8-11=-305/268

JOINT STRESS INDEX
2 = 0.82, 3 = 0.56, 4 = 0.41, 5 = 0.48, 6 = 0.65, 7 = 0.41, 8 = 0.55, 9 = 0.82, 11 = 0.50, 12 = 0.90, 13 = 0.45, 14 = 0.65, 15 = 0.90 and 16 = 0.50

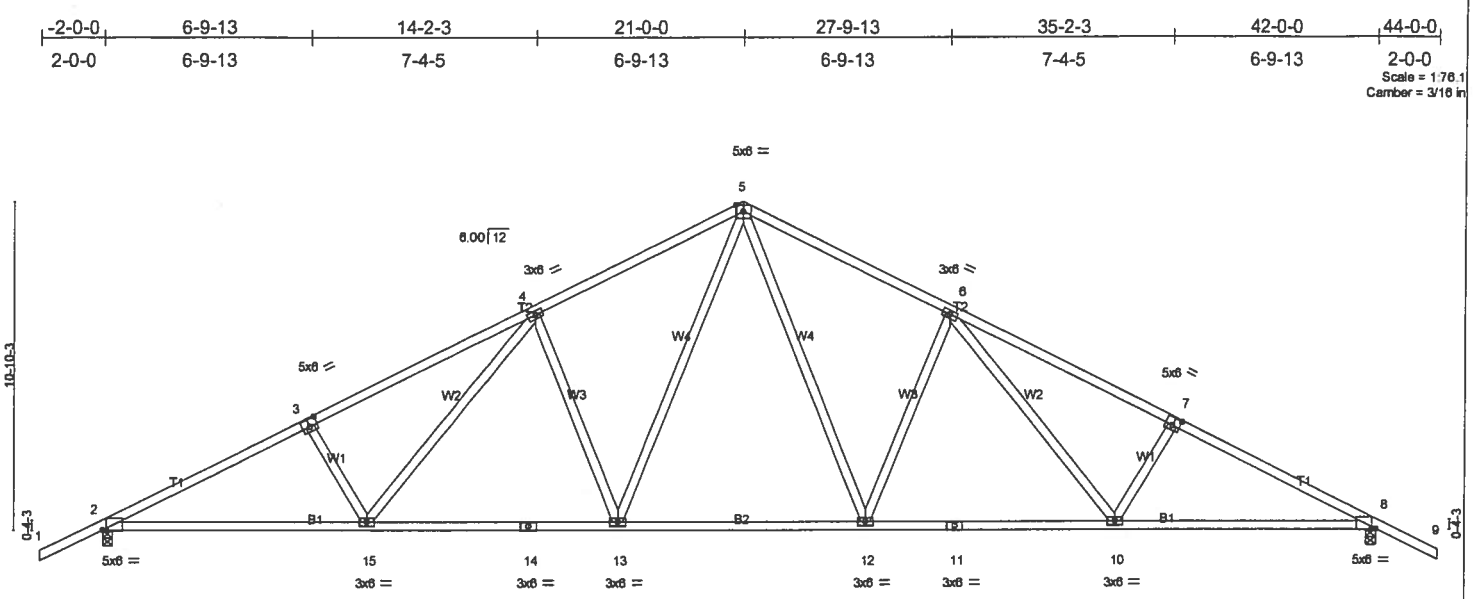
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 682 lb uplift at joint 2 and 682 lb uplift at joint 9.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	0 0 Dwg.#I115061276
L217807	T09	COMMON	12	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:53:29 2006 Page 1



8-8-11	16-10-14	25-1-2	33-3-5	42-0-0
8-8-11	8-2-3	8-2-3	8-2-3	8-8-11

Plate Offsets (X,Y): [2:0-1-11,Edge], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [8:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.31	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.72	Vert(TL)	-0.51	12-13	>987	180		
BCLL	10.0	Rep Stress Incr	YES	WB	0.89	Horz(TL)	0.16	8	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 231 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-5-13 oc bracing.

REACTIONS (lb/size) 2=1867/0-4-0, 8=1867/0-4-0
Max Horz 2=-185(load case 6)
Max Uplift2=-693(load case 5), 8=-693(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-3292/1037, 3-4=-3112/1049, 4-5=-2384/893, 5-6=-2384/893, 6-7=-3112/1050, 7-8=-3292/1037, 8-9=0/47
BOT CHORD 2-15=-954/2861, 14-15=-656/2289, 13-14=-656/2289, 12-13=-358/1729, 11-12=-529/2289, 10-11=-529/2289, 8-10=-769/2861
WEBS 3-15=-321/293, 4-15=-250/686, 4-13=-664/439, 5-13=-389/925, 5-12=-389/925, 6-12=-664/439, 6-10=-251/686, 7-10=-321/293

JOINT STRESS INDEX
2 = 0.82, 3 = 0.66, 4 = 0.46, 5 = 0.46, 6 = 0.46, 7 = 0.66, 8 = 0.82, 10 = 0.48, 11 = 0.88, 12 = 0.83, 13 = 0.83, 14 = 0.88 and 15 = 0.48

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 693 lb uplift at joint 2 and 693 lb uplift at joint 8.

LOAD CASE(S) Standard

NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Job	Truss	Truss Type	Qty	Ply	TOLAR OFFICE BUILDING Dwg.#1149061275
L217807	T10	HIP	1	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Wed Nov 15 07:46:33 2006 Page 1

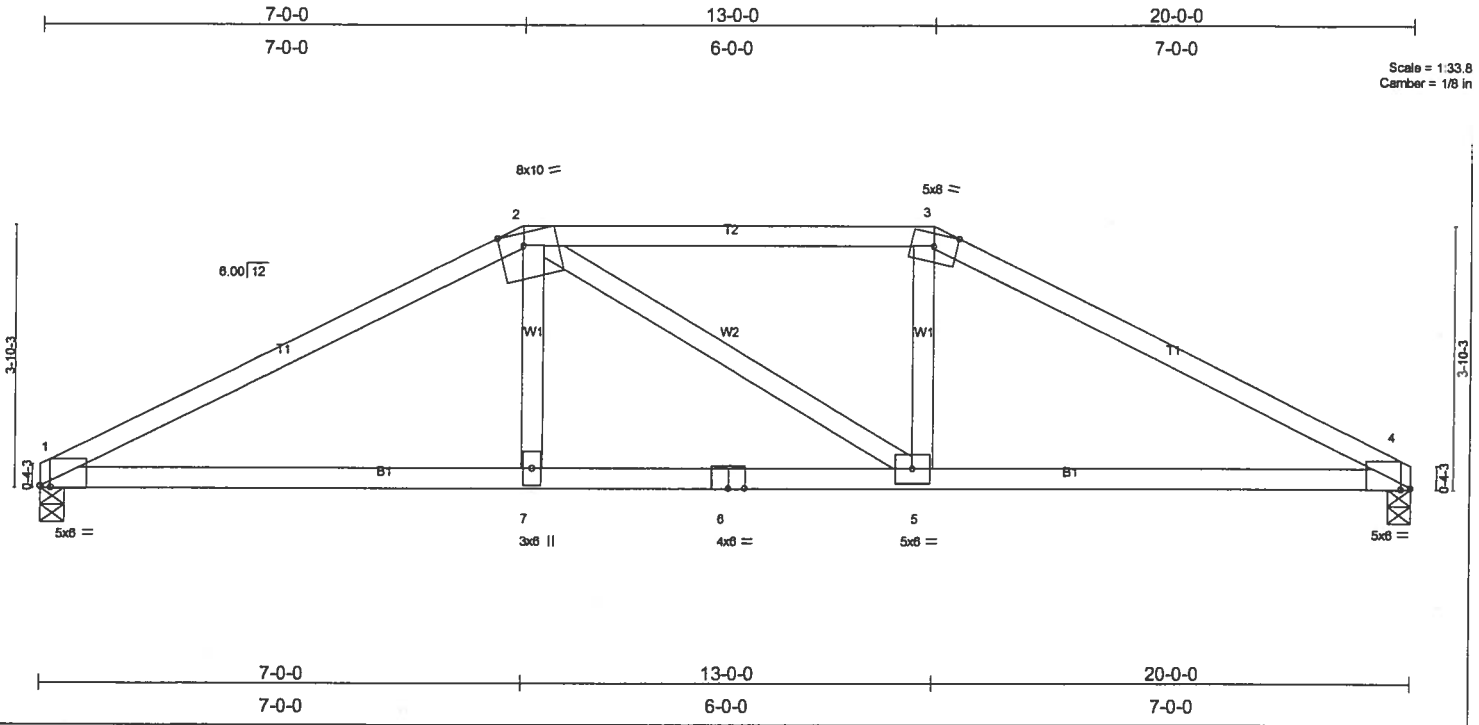


Plate Offsets (X,Y): [1:0-1-11,Edge], [2:0-4-3,Edge], [4:0-1-11,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.62	Vert(LL)	0.19	1-7	>999	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.85	Vert(TL)	-0.26	5-7	>911	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.29	Horz(TL)	0.09	4	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 81 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

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-11-12 oc bracing.

REACTIONS (lb/size) 1=1654/0-4-0, 4=1654/0-4-0
Max Horz 1=52(load case 3)
Max Uplift1=-925(load case 4), 4=-925(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-3159/1685, 2-3=-2796/1594, 3-4=-3160/1686
BOT CHORD 1-7=-1465/2760, 6-7=-1481/2795, 5-6=-1481/2795, 4-5=-1415/2761
WEBS 2-7=-398/863, 2-5=-142/146, 3-5=-418/909

JOINT STRESS INDEX
1 = 0.77, 2 = 0.89, 3 = 0.87, 4 = 0.77, 5 = 0.32, 6 = 0.97 and 7 = 0.28

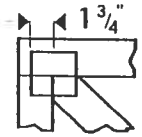
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
3) Provide adequate drainage to prevent water ponding.
4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 925 lb uplift at joint 1 and 925 lb uplift at joint 4.
6) Girder carries hip end with 7-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 13-0-0, and 539 lb down and 277 lb up at 7-0-0 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).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-3=-117(F=-63), 3-4=-54, 1-7=-30, 5-7=-65(F=-35), 4-5=-30
Concentrated Loads (lb)
Vert: 7=-539(F) 5=-539(F)

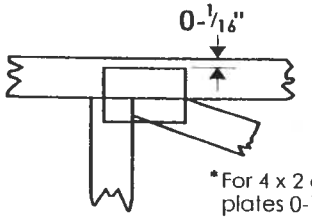
NOVEMBER15, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

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

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

PLATE SIZE

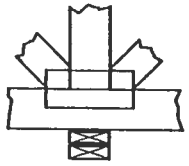
4 x 4

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

LATERAL BRACING

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

BEARING

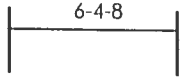


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

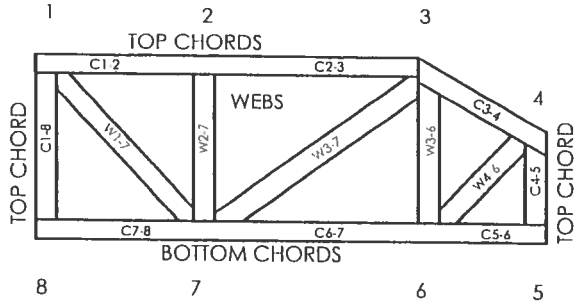
Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



dimensions shown in ft-in-sixteenths



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

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

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A

MiTek®

MiTek Engineering Reference Sheet: MII-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI1.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Bayo Dr
City Lake City Phone 752-1703

Site Location: Subdivision
Lot # Block# Permit # 25307
Address 839 SW SR 247

Product used	Active Ingredient	% Concentration
☐ Premise	Imidacloprid	0.1%
☑ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☑ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Main Body	2960	242	225

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

12/28/06 Date | 8:42 Time | Nat Print Technician's Name

Remarks:

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

Nat
8:42
2960
225

UNIVERSAL
ENGINEERING SCIENCES
Consultants In: Geotechnical Engineering • Environmental Sciences • Construction Materials Testing
4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

REPORT ON IN-PLACE DENSITY TESTS

Permit # 000025307

CLIENT: ~~[illegible]~~ Bryan Zecher

PROJECT: 824 SW SR 247 lake city Toler Sub

AREA TESTED: S/G Vprop. Bldg. found.

COURSE: F/G

DEPTH OF TEST: 0-1

TYPE OF TEST: [illegible]

DATE TESTED: 12-14-06

NOTE: The below tests DO/~~DO-NOT~~ meet the minimum 95 % compaction requirements of maximum density.

REMARKS:

LOCATION OF TESTS	DRY DEN.	MAX. DEN.	% MAX. DEN.	% MOIST.	OPT. MOIST.
		105.0			10.0
App. 40' N of SE found.	100.1		95.4	[illegible]	
App. 80' E of SW found.	101.0		96.2	7.4	
App. 40' N of SW found.	100.9		96.1	6.0	

TECH. CS

25307

BRITT SURVEYING

Land Surveyors and Mappers

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

01/04/07

L-18054

To Whom It May Concern:

C/o: Bryan Zecher Construction

Re: 01-4S-16-02683-000

The elevation of the foundation is found to be 160.72 feet. The finished floor elevation is 159.50 feet according to the project engineer's construction plans. The highest adjacent grade is 159.89 feet and the lowest adjacent grade is 159.30 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757

0611-41

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

GENERAL PERMIT

PERMITTEE:
ELAINE TOLAR
POST OFFICE BOX 7246
LAKE CITY, FL 32056

PERMIT NUMBER: ERP06-0512
DATE ISSUED: 10/27/2006
DATE EXPIRES: 10/27/2009
COUNTY: COLUMBIA
TRS: S1/T4S/R16E

PROJECT: TOLAR PROFESSIONAL BUILDING

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

ELAINE TOLAR
POST OFFICE BOX 7246
LAKE CITY, FL 32056

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

Construction and operation of a surfacewater management system serving 0.56 acres of impervious surface on a total project area of 1.86 acres in a manner consistent with the application package submitted by William Freeman, P. E., Freeman Design Group, certified on October 25, 2006.

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to enclosed notice of rights.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A general permit authorizes the construction, operation, maintenance, alteration,

abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

Standard Conditions for All General Permits:

1. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.

3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.

4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

5. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and chapter 40B-1, F.A.C.

6. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.

7. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.

9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.

10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.

11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.

12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.

13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.

14. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C., must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other

operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

12. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

completion of construction of the permitted system, or independ
tee shall submit a written statement of completion and certifica
agi other appropriate individual as authorized by law, using
cat rm No. 40B-1.901(16) incorporated by reference in Subsec
When the completed system differs substantially from the permit
s shall be noted and explained and two copies of as-built dra
of the completed form shall serve to notify the District
tatement of completion and certification shall
nstruction was conducted by the registered professional enginee
ual as authorized by law, or under his or her direct supervision
gs for the purpose of determining if the work was completed in compliance with
lans and specifications. As-built drawings shall be the permitted drawings revised to
anges made during construction. Both the original and any revised specifications must
wn. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed
d elevations shall be certified by a registered surveyor. The following information, if
shall be verified on the as-built drawings:

ns and elevations of all discharge structures including all weirs, slots, gates, pumps
il and grease skimmers;

dimensions, and elevations of all filter, exfiltration, or underdrain systems including
ipes, connections to control structures, and points of discharge to the receiving waters;

elevations, contours, or cross-sections of all treatment storage areas sufficient to

determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 253.77, F.S., states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary

authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

31. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by _____ Date Approved 10-27-06
District Staff

_____ _____
Clerk Executive Director

Permit No.: ERP06-0512

Project: TOLAR PROFESSIONAL BUILDING

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.

2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.

3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.

4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.

6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.

Permit No.: ERP06-0512

Project: TOLAR PROFESSIONAL BUILDING

7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, Florida Administrative Code.

8. Pursuant to Section 120.68, Florida Statutes, a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.

9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, Florida Statutes, may seek review of the order pursuant to Section 373.114, Florida Statutes, by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent by U.S. Mail to:

ELAINE TOLAR
POST OFFICE BOX 7246
LAKE CITY, FL 32056

At 4:00 p.m. this 30th day of Oct., 2006.

Jon M. Dinges
Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49
Live Oak, Florida 32060

386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP06-0512

COLUMBIA COUNTY BUILDING DEPARTMENT

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 WITH AMENDMENTS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INCLUDE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 WITH AMENDMENTS BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SIGNATURE AND SEAL OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA. THE FOLLOWING BASIC WIND SPEED AS PER SECTION 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75
1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ---------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ---------- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: **Two (2) complete sets of plans containing a floor plan, site plan, foundation plan, floor/roof framing plan or truss layout, wall sections and all exterior elevations with the following criteria and documents:**

Applicant	Plans Examiner	
☑	☐	**All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.**
☐	☐	**Designers name and signature on document (FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed.**
☑	☐	**Two (2) Copies of Approved Site Plan**
☐	☐	**Minimum Type Construction (FBC Table 500)**
☐	☐	**Wind Load Engineering Summary, calculations and any details required:** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC 1. Basic wind speed (MPH) 2. Wind importance factor (I) and building category 3. Wind exposure – If more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated 4. The applicable internal pressure coefficient 5. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☑	☐	**Fire Resistant Construction Requirements shall include:**
☐	☐	a) Fire resistant separations (listed system)
☑	☐	b) Fire resistant protection for type of construction
☑	☐	c) Protection of openings and penetrations of rated walls (listed systems)
☐	☐	d) Fire blocking and draft-stopping
☐	☐	e) Calculated fire resistance

N/A

Fire Suppression Systems shall include: (To be reviewed by Fire Department)

- a) Fire sprinklers
- b) Fire alarm system (early warning) with name of licensed installer. If not shown on plans or not known at time of permitting, a separate permit shall be required by the licensed installer
- c) Smoke evacuation system schematic
- d) Stand-pipes
  - Pre-engineered system
  - Riser diagram

Life Safety Systems shall include: (To be reviewed by Fire Department)

- a) Occupancy load and egress capacity
- b) Early warning
- c) Smoke control
- d) Stair pressurization
- e) Systems schematic

Occupancy Load/Egress Requirements shall include:

- a) Occupancy load (gross and net)
- b) Means of egress
  - exit access, exit and exit discharge
- c) Stair construction/geometry and protection
- d) Doors
- e) Emergency lighting and exit signs
- f) Specific occupancy requirements
  1. Construction requirements
  2. Horizontal exits/exit passageways

Structural Requirements shall include:

- a) Soil conditions/analysis
- b) Show type of termite treatment (termicide or alternative method)
- c) Design loads
- d) Wind requirements
- e) Building envelope
- f) Structural calculations
- g) Foundations
- h) Wall systems
- i) Floor systems
- j) Roof systems
- k) Threshold inspection plan (if applicable)
- l) Stair systems

N/A

Materials shall include:

- a) Wood
- b) Steel
- c) Aluminum
- d) Concrete
- e) Plastic
- f) Glass (mfg. Listing for wind zone including details for installation and attachments
- g) Masonry
- h) Gypsum board and plaster
- i) Insulating (mechanical)
- j) Roofing (mfg. Listed system for wind zone with installation and attachments)
- k) Insulation

Accessibility Requirements shall include:

- ☐ ☐ a) Site requirements
- ☐ ☐ b) Accessible route
- ☐ ☐ c) Vertical accessibility
- ☐ ☐ d) Toilet and bathing facilities
- ☐ ☐ e) Drinking fountains
- ☐ ☐ f) Equipment
- ☐ ☐ g) Special occupancy requirements
- ☐ ☐ h) Fair housing requirements

Interior Requirements shall include:

- ☐ ☐ a) Interior finishes (flame spread/smoke develop)
- ☐ ☐ b) Light and ventilation
- ☐ ☐ c) Sanitation

Special Systems shall include:

- ☐ ☐ a) Elevators
- ☐ ☐ b) Escalators
- ☐ ☐ c) Lifts

Swimming Pools – Commercial – Plans shall be signed and sealed by a Professional Engineer registered in the State of Florida and approved by the Department of Business and Professional Regulation/Health Department indicating compliance with the Florida Administrative Code, Chapter 64E-9 And Section 424 of the Florida Building Code

Electrical:

- ☐ ☐ a) Electrical wiring, services, feeders and branch circuits, over-current protection, grounding, wiring methods and materials, GFCIs
- ☐ ☐ b) Equipment
- ☐ ☐ c) Special Occupancies
- ☐ ☐ d) Emergency Systems
- ☐ ☐ e) Communication Systems
- ☐ ☐ f) Low Voltage
- ☐ ☐ g) Load calculations
- ☐ ☐ h) Riser diagram

Plumbing:

- ☐ ☐ a) Minimum plumbing facilities
- ☐ ☐ b) Fixture requirements
- ☐ ☐ c) Water supply piping
- ☐ ☐ d) Sanitary drainage
- ☐ ☐ e) Water heaters
- ☐ ☐ f) Vents
- ☐ ☐ g) Roof drainage
- ☐ ☐ h) Back flow prevention
- ☐ ☐ i) Irrigation
- ☐ ☐ j) Location of water supply
- ☐ ☐ k) Grease traps
- ☐ ☐ l) Environmental requirements
- ☐ ☐ m) Plumbing riser

Mechanical:

- ☑ ☐ a) Energy calculation (signed and sealed by Architect or Engineer, registered in the State of Florida)
- ☑ ☐ b) Exhaust systems (clothes dryer exhaust, kitchen equipment exhaust, Specialty equipment exhaust)
- ☑ ☐ c) Equipment
- ☑ ☐ d) Equipment location
- ☑ ☐ e) Make-up air
- ☐ ☐ f) Roof mounted equipment
- ☐ ☐ g) Duct systems
- ☐ ☐ h) Ventilation
- ☐ ☐ i) Combustion air
- ☐ ☐ j) Chimneys, fireplaces and vents
- ☐ ☐ k) Appliances
- ☐ ☐ l) Boilers
- ☐ ☐ m) Refrigeration
- ☐ ☐ n) Bathroom ventilation
- ☐ ☐ o) Laboratory

Gas:

- ☒ N/A ☐ a) Gas piping
- ☐ ☐ b) Venting
- ☐ ☐ c) Combustion air
- ☐ ☐ d) Chimney's and vents
- ☐ ☐ e) Appliances
- ☐ ☐ f) Type of gas
- ☐ ☐ g) Fireplaces
- ☐ ☐ h) LP tank locations
- ☐ ☐ i) Riser diagram/shut offs

☐ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice of Commencement Required Before Any Inspections will be Done**

☐ ☐ **Private Potable Water:**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all construction projects; If you were required to have a Site and Development Plan Approval, list SDP number.

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

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic tank approval or sewer tap is required

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

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

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made **($25.00)**. Culvert installation for commercial, industrial and other uses shall **conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications.** If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.

7. **Suwannee River Water Management District Approval:** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project fo which you are applying **for a building permit on or after April 1, 2004.** We recommend you contact your local produ 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			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up	N/A		
5. Automatic	N/A		
6. Other	—		
B. WINDOWS			
1. Single hung	Capital / Jordan		FL 675 / FL 1378
2. Horizontal Slider	" "		FL 685 / FL 138
3. Casement	—		
4. Double Hung	—		
5. Fixed	C / J		FL 681 / FL 138
6. Awning	—		
7. Pass -through	—		
8. Projected	—		
9. Mullion	—		
10. Wind Breaker	—		
11 Dual Action	—		
12. Other			
C. PANEL WALL			
1. Siding	Hardy Plank		FL 889-R1
2. Soffits	Ashley Aluminum		FL 4968
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	Elk / Certainteed		FL 728-R1 / FL 250 A
2. Underlayments	Felt		FL 1814
3. Roofing Fasteners	Nails		ROM 3378
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	—		

SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

GENERAL PERMIT

PERMITTEE:
ELAINE TOLAR
POST OFFICE BOX 7246
LAKE CITY, FL 32056

PERMIT NUMBER: ERP06-0512
DATE ISSUED: 10/27/2006
DATE EXPIRES: 10/27/2009
COUNTY: COLUMBIA
TRS: S1/T4S/R16E

PROJECT: TOLAR PROFESSIONAL BUILDING

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

ELAINE TOLAR
POST OFFICE BOX 7246
LAKE CITY, FL 32056

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

Construction and operation of a surfacewater management system serving 0.56 acres of impervious surface on a total project area of 1.86 acres in a manner consistent with the application package submitted by William Freeman, P. E., Freeman Design Group, certified on October 25, 2006.

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to enclosed notice of rights.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A general permit authorizes the construction, operation, maintenance, alteration,

abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

Standard Conditions for All General Permits:

1. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.

3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.

4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

5. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and chapter 40B-1, F.A.C.

6. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.

7. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.

9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.

10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.

11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.

12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.

13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.

14. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C., must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other

operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

22. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

23. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, using the supplied As-Built Certification Form No. 40B-1.901(16) incorporated by reference in Subsection 40B-1.901(16), F.A.C. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers;

b. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to

determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 253.77, F.S., states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary

authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

31. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by _____ Date Approved 10-27-06
District Staff

_____ _____
Clerk Executive Director

Permit No.: ERP06-0512

Project: TOLAR PROFESSIONAL BUILDING

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.

2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.

3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.

4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.

6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.

7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, Florida Administrative Code.

8. Pursuant to Section 120.68, Florida Statutes, a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.

9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, Florida Statutes, may seek review of the order pursuant to Section 373.114, Florida Statutes, by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent by U.S. Mail to:

ELAINE TOLAR
POST OFFICE BOX 7246
LAKE CITY, FL 32056

At 4:00 p.m. this 30th day of Oct., 2006.

Jon M. Dinges
Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49
Live Oak, Florida 32060

386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP06-0512

Cal-Tech Testing, Inc.
• Engineering
• Geotechnical
• Environmental
LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

December 5, 2006

Bryan Zecher Construction
P. O. Box 815
Lake City, Florida 32056

Attention: Bryan Zecher

Reference: Tolar Professional Building
State Road 247
Lake City, Florida
Cal-Tech Project No. 06-663

Dear Mr. Zecher,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation for the proposed building at the above referenced location. Our work was performed in conjunction with and authorized by you.

Introduction

We understand you will construct a single-story, brick and wood frame commercial building, with a plan area of approximately 2,700 square feet. Support for the structure is to be provided by conventional, shallow spread footings. We understand that the design bearing pressure for the foundations is 2,000 pounds per square foot (psf). Detailed foundation loads have not been provided; however, we assume column and wall loads will not exceed 60 kips and 2.0 kips per foot, respectively.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 psf and to present recommendations for foundation design and construction.

Site Investigation

The subsurface conditions were investigated by performing four (4) Standard Penetration Test borings advanced to a depth of ten feet. The borings were performed at the approximate locations indicated on the attached Report of Soil Borings, and were located in the field by the client.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6 inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil borings initially encountered very loose to loose fine sands (SP) and slightly silty fine sands (SP/SM) from the ground surface to a depth of about four feet. This was underlain by loose to dense slightly clayey to clayey fine sands (SC) to the termination depth.

Ground water was not encountered in any of the borings.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Report of Soil Borings. Note that the transition between soil layers may be gradual and not abrupt as indicated by the logs; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

The site soils appear to be loose to very loose near the ground surface and increase in density with depth. Based upon these findings, moderate site improvement should be performed; however, it is our opinion the site soils are suitable to provide support for the building using conventional, shallow spread footings. We concur that the foundations may be sized using a maximum soil bearing pressure of 2,000 psf; however, we recommend foundations have minimum widths of 18 and 24 inches for strip and isolated footings, respectively, even though the allowable soil bearing pressure may not be developed. The bottoms of foundations should be embedded a minimum of 18 inches below the lowest adjacent grade (finished surface grade, for example).

Due to the generally very loose to loose condition of the immediate bearing soils, we believe it would be beneficial to proof-roll and then proof-compact the bearing soils in all foundation and floor slab areas. These bearing soils should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of at least two feet. Compaction of the bearing soils will reduce settling of the foundations and thereby reduce the likelihood of distress in the structure.

Our evaluation is based upon subsurface conditions encountered at this site and as presented within this report. However, subsurface conditions may exist that differ from our findings. We request that we be notified if substantially different subsurface conditions are encountered.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer, CEO

Linda Creamer
President / CEO

Robert W. Clark

Robert W. Clark, P.E. 12/5/06
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