DATE 06/08/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027863

APPLICANT THERESA LASTINGER PHONE 755-8887

ADDRESS 295 NW COMMONS LOOP LAKE CITY FL 32025

OWNER FAISAL FAMILY LTD PARTNERSHIP PHONE 386.758-5985

ADDRESS 1289 SW SR 47 LAKE CITY FL 32025

CONTRACTOR BRIAN CRAWFORD PHONE 755-8887

LOCATION OF PROPERTY 47S, 4TH LOT ON LEFT PAST MICHIGAN

TYPE DEVELOPMENT MEDICAL OFFICE BLDG ESTIMATED COST OF CONSTRUCTION 435000.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS BLOCK ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING COMM MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 15.00 SIDE _____

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 07-4S-17-08130-003 SUBDIVISION _____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 2.04

		CGC1515491	Theresa Lastinger	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
FDOT-EXISTING	X-09-089	BLK	HD	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: REFER TO PERMIT # 27813 MFE FOUNDATION SLAB. IMPACT FEES SUSPENDED.
SDP 08-9. (ALL OTHER FEES ASSESSED ON FOUNDATION PERMIT).

Check # or Cash 11004072

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

Framing _____ date/app. by Insulation _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by Peri. beam (Lintel) _____ date/app. by Pool _____ date/app. by

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

Pump pole _____ date/app. by Utility Pole _____ date/app. by M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Reconnection _____ date/app. by RV _____ date/app. by Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 2175.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ _____ FIRE FEE $ 0.00 WASTE FEE $ _____

FLOOD DEVELOPMENT FEE $ _____ FLOOD ZONE FEE $ _____ CULVERT FEE $ _____ **TOTAL FEE $2175.00**

INSPECTORS OFFICE _____ CLERKS OFFICE CH

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

1 VET 2 BLUEPRINT KEEP 1

Columbia County Building Permit Application

For Office Use Only Application # 0904-02 Date Received 4/2 By JW Permit # 27863

Zoning Official BLK Date 05.06.09 Flood Zone X FEMA Map # N/A Zoning CT

Land Use Comm. Elevation N/A MFE See Septic permit River N/A Plans Examiner LD Date 6-5-09

Comments Impact Fees - Suspended SDP 08-9

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

☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor 623-1154

☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. X-09-089 in File Box Fax 386-758 1919

Name Authorized Person Signing Permit Brian Crawford Theresa LASTINGER Phone 3867558887

Address 295 NW Commons loop Ste 115-391 Lake City 3205

Owners Name Faisal Family LTD Partnership Phone

911 Address 1289 SW State Rd 47, L.C. FL 32025

Contractors Name Concept Construction Phone

Address 295 NW commenst Loop Ste 115-391 Lake Cit

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address NICK Geisler / Freeman Design

Mortgage Lenders Name & Address Compass Bank

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

Property ID Number 07-4S-17-08130-003 Estimated Cost of Construction 435,000

Subdivision Name meets & Bounds Lot Block Unit Phase

Driving Directions Take 47 South toward Interstate 75. Site is appx. 5 miles before Interstate on Left side of the road. 4th Lot on L Dirt Michigan

Number of Existing Dwellings on Property ~~0~~ 1

Construction of Medical Building Total Acreage 2.04 Lot Size

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

Actual Distance of Structure from Property Lines - Front ~~100~~ 77 Side L ~~100~~ 205 Side R ~~30~~ 54 Rear ~~40~~ 40 FT

Number of Stories 1 1/2 Heated Floor Area 9793 Total Floor Area 11794.8 Roof Pitch ~~12~~ 6/12

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

Ref: 27813

JW spoke w/ Theresa 6.5.09

Columbia County Building Permit Application

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

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

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

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

X M. A. Faisal
Owners Signature

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

Contractor's Signature (Permitee)

Contractor's License Number GGC1515491
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 30 **day of** March **20**09

Personally known ✓ **or Produced Identification**_____

State of Florida Notary Signature (For the Contractor)

SEAL:

Notary Public State of Florida
Lisa L Marinacci
My Commission DD749087
Expires 06/20/2011

Revised 11-30-07

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 07-4S-17-08130-003 **Building permit No.** 000027863

Use Classification MEDICAL OFFICE BLDG **Fire:** 1474.55

Permit Holder BRIAN CRAWFORD **Waste:** 0.00

Owner of Building FAISAL FAMILY LTD PARTNERSHIP **Total:** 1474.55

Location: 1289 SW SR 47, LAKE CITY, FL

Date: 11/05/2009

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

CONCEPT
CONSTRUCTION

27863

Attn: Columbia County Building Dept.

Please accept this letter as official notice that Matthew D. Cason is authorized to sign for Building Permits on behalf of Concept Construction

Thank you,

Brian S. Crawford, President

2109 W US 90 Suite 170-144 Lake City, Florida 32055
(p) 386-755-8887 (f) 386-755-1919 www.conceptconstruction.net
License # CBC 1251118

City Of Lake City

205 North Marion Avenue, Lake City Florida, 32055-3918
Telephone 386.719.5758
Fax 386.719.2607

January 23, 2009

Dr Mohammad Faisal
P.O. Box 3009
Lake City, Fl 32026

RE: Faisal Medical Building

Dear Dr. Faisal:

This letter is in response to your request to annex a 2.44 acre parcel (Parcel ID: 07-4S-17-08-30-000) into the city limits of incorporation in exchange for Waste Water capacity. Capacity will be granted in exchange for the voluntary annexation of Parcel 07-4S-17-0830-000 located @ the intersection of SR 47 & SW Michigan Ave. Once the annexation is complete, you will then pay the "INSIDE" rates for all utilities as outlined on your application. Also, in the body of your letter you requested that we (City of Lake City) provide services by March 1, 2009. After speaking with Mr. Richard Lee Distribution & Collections Director, he has informed me that you are currently operating a private lift station therefore rates would not apply. As for your water needs, Mr. Lee advised me that water is available in front of the proposed development and would not present a problem for connectivity as long as the connect point was not extreme in distance. I have included my contact information at the bottom of this letter in the event you have additional questions or concerns.

If I can be of any further assistance, please do not hesitate to contact me.

Respectfully,

Nick Harwell

Nick Harwell
Strategic Planning & Marketing Director
Office 386.719.5758
Fax 386.719.2607
E-mail harwelln@lcfla.com

Greater Lake City Regional Utility Authority

205 North Marion Avenue
LAKE CITY, FLORIDA 32055-3918
TELEPHONE: 386.719.5778 FAX: 386.719.5837
E-mail: customer.service@ci.lake-city.fl.us

APPLICATION FOR WATER /SEWER/GAS TAP-CAPACITY COMMITMENT

Project Name: Faisal Medical Bldg. Date/Time: _____

Service Address: _____

Applicant Name: Mohammad A. Faisal Telephone Number: (386)758-5985

Applicant's Agent: Brett A. Crews Telephone Number: (386)754-4085

Business Name: Crews Engineering Svcs, LLC Telephone Number: (386)754-4085
Parcel ID #'s: 07-4S-17-08130-003
Mailing Address: PO Box 3009 Lake City, FL 32056

Requested Water Capacity: ☐No ☑Yes, in the amount of _____ gpd/gph
Requested Sewer Capacity: ☐No ☑Yes, in the amount of _____ gpd/gph
Requested Gas Capacity: ☑No ☐Yes, in the amount of _____ btu/unit

Application For: ☐Water/Tap Size _____ ☐Sewer/Tap Size _____
☐Irrigation/Tap Size _____ ☐Gas/Tap Size _____

Meter Size /Quantity: ☐3/4" ☐1" ☐1/1/2" ☐2" ☐6" ☐Other Specify____

Within City limits: ☐Yes ☑No

Fire Protection: ☐No ☐Yes, Diameter of new mainline_
Quantity of new Hydrants: _____

Growth Management Zoned: _____ ☐Residential ☑Commercial ☐Industrial

The above named applicant request that an inspection be made by the Greater Lake City Regional Utility Authority for verification of available services based on address, parcel numbers, lot numbers, etc. Upon confirmation of both capacity and or availability, the applicant will be notified and provided a "Cost Estimate/Tap & Impact Fees" summary.

NOTE: This is only an estimate, fees are subject to change.

Applicant: M. A. Faisal **Date:** 9/25/08

****Service Available Date Requested**** **Date:** [redacted]

Billing will begin upon completion of [redacted]

FILE

DF

Application for Site and Development Plan
Approval by Planning and Zoning Board

ACTIONS BY APPLICATION ON PROPERTY

A previous site and development plan application:
_____ was made with respect to these premises, Application No._____
_____ was not made with respect to these premises.

I (we) hereby certify that all of the above statements and the statements contained in any papers or plans submitted herewith are true and correct to the best of my (our) knowledge and belief.

If titleholder(s) are represented by an agent, a letter of such designation from the titleholder(s) addressed to the county's Building and Zoning Coordinator must be attached.

Mohammad A. Faisal, MD
Applicant Name (Type or Print)

Applicant Signature

9/25/08
Date

APPLICANT ACKNOWLEDGES THAT EITHER APPLICANT OR RESPRESENTATIVE MUST BE PRESENT AT THE PUBLIC HEARINGS BEFORE THE BOARD, OTHERWISE THE REQUEST WILL NOT BE CONSIDERED (UNLESS APPLICANT'S APPEARANCE IS PREVIOUSLY WAIVED BY STAFF).

FOR OFFICE USE ONLY

Date Filed: _____
Site and Development Plan Application No._____
Fee Amount: _____Receipt No.:_____
Planning and Zoning Board Decision: _____
(Granted, Denied, Etc.)
Date of Action of Planning and Zoning Board: _____

Mr. Brian Kepner
Land Development Regulations Administrator
Columbia County Building and Zoning
135 NE Hernando Ave.
Lake City, FL 32055

Mr. Kepner,

I Mohammad A. Faisal, managing member of Faisal Family LTD Partnership, owner of Parcel # 07-4S-17-08130-003 in Columbia County, Florida, do herby give authorization to Brett A. Crews of Crews Engineering Services, LLC to act as agent on my behalf in matters concerning permitting the construction and development of said property.

Sincerely,

Mohammad A. Faisal, M.D.

Greater Lake City Regional Utility Authority

205 North Marion Avenue
LAKE CITY, FLORIDA 32055-3918
TELEPHONE: 386.719.5778 FAX: 386.719.5837
E-mail: customer.service@ci.lake-city.fl.us

OFFICE USE ONLY:

Wastewater Capacity Available ☐Yes ☐No **Collections/Distribution Available** ☐Yes ☐No

Director _____ **Director** _____

Date _____ **Date** _____

Water Capacity Available ☐Yes☐No **Natural Gas Available** ☐Yes ☐No

Director _____ **Director** _____

Date _____ **Date** _____

The Greater Lake City Regional Utility Authority has reviewed the applicants request for availability/reserved capacity. Upon this evaluation service connection has been

☐Accepted
☐Declined due to

_____

Capacity Analysis

Water – ERU _____

Wastewater – ERU _____

Greater Lake City Regional Utility Authority - Customer Service

Application Fee Paid **Application Number:** _____

Amount: $_____.____ **Check #**_____ **Type of Establishment**_____

Additional Information:

_____

Tap and Impact

Representative_____

Date _____

Attn: Lake City Regional Utility Authority
205 North Marion Avenue
Lake City, FL 32055

I am proposing to develop the remaining portion of property located on SR 47 where my current office is located. This proposed development consists of a 9075 sf medical building, and associated parking. This project (Faisal Medical Building) is being permitted through Columbia County, Suwannee River Water Management District and Lake City Regional Utility Authority.

As discussed, the following is proposed to allow for water and sewer capacity allocation to Faisal Medical Building.

In exchange for receiving Water and Sewer Capacity for Faisal Medical Building, I am prepared to voluntarily annex into the City Limits a 2.44 acre parcel (Parcel ID: 07-4S-17-08130-000) located at the intersection of SR 47 and SW Michigan Ave owned by Faisal Family Ltd Partnership.

I am requesting a commitment from the LCRUA that water and sewer capacity will be granted even if the annexation is still in process. This is so the permitting process will not be held up and construction can commence. You have my commitment this annexation will be completed as soon as possible and all paperwork will be submitted to the City immediately.

You will also have my commitment that the 2.04 acre parcel where Faisal Medical Building and my current office are located (Parcel ID: 07-4S-17-08130-003) will be annexed into the City whenever possible in the future. This property is not contiguous to the city limits at this time.

As a result of annexing my property into the LCRUA my property taxes will increase. Therefore, as part of my annexation will require the city to guarantee that I pay the "in city" rate for water and wastewater as well as tap and impact.

Time is of the essence for this project so it is imperative that LCRUA agrees to provide water and sewer by March 1, 2009. I understand that payment will be required prior to scheduling the tap of water and sewer and I agree to pay tap and impact fees no later than January 10, 2009 if an agreement is made.

Upon receiving a letter of commitment from the LCRUA in agreement to the terms of this letter the terms of this letter shall become binding on both parties. My commitment is expressly contingent on LCRUA's agreement with the terms of this letter.

Please contact me should you have any questions or would like to discuss this further.

I look forward to hearing from you.

M. A. Faisal

Dr. Mohammad A. Faisal

POSTED
Dr Faisal

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:
FAISAL LTD PARTNERSHIP
PO BOX 3009
LAKE CITY, FL 32056

PERMIT NUMBER: ERP96-0305M
DATE ISSUED: 12/10/2008
DATE EXPIRES: 12/10/2011
COUNTY: COLUMBIA
TRS: S7/T4S/R17E

PROJECT: FAISAL MEDICAL BUILDING MODIFICATION

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

MOHAMMAD A. FAISAL
FAISAL LTD PARTNERSHIP
PO BOX 3009
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:

Previous permit issued for 2.05 acres of impervious surface on 4.10 acres. Modification consists of construction and operation of a surfacewater management system serving 2.37 acres of impervious surface on a total project area of 4.10 acres in a manner consistent with the application package submitted by Crews Engineering Services, LLC, certified on December 1, 2008.

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 12/10/08
District Staff

_____ _____
Clerk Executive Director

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:

FAISAL LTD PARTNERSHIP
PO BOX 3009
LAKE CITY, FL 32056

At 4:00 p.m. this 12 day of Dec, 2008

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: ERP96-0305M

Brett Crews

From: Cray, Dale [Dale.Cray@dot.state.fl.us]
Sent: Tuesday, February 17, 2009 4:51 PM
To: Miles, Neil; Brett Crews
Cc: Johnson, Jefferson
Subject: RE: Faisal Medical Building: Joint Use Driveway, SR 47 South

Brett, upon review of the existing commercial driveway , for the above proposed project it will meet FDOT standards. If any question please call.

From: Miles, Neil
Sent: Tuesday, February 17, 2009 4:33 PM
To: Cray, Dale
Subject: FW: Faisal Medical Building: Joint Use Driveway, SR 47 South

Dale:

This is the one!

Neil

From: Brett Crews [mailto:brett@crewsengineeringservices.com]
Sent: Tuesday, February 17, 2009 10:55 AM
To: Miles, Neil
Subject: Faisal Medical Building: Joint Use Driveway, SR 47 South

Neil,

Here is the proposed site plan for Faisal Medical Building. We have received Site Plan Approval from the County and an ERP from SRWMD.

As discussed, we do not want any issues to come up with the building permit since they will most likely notify FDOT when this one comes through building and zoning.

Please review and let me know of any issues the Department may have with the proposed driveway use.

In the future I will be sure to contact the Department earlier in the design process.

Thanks for your help.

Brett A. Crews, P.E.
Crews Engineering Services, LLC
P.O. Box 970
Lake City, FL 32056
Phone: 386.754.4085

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 3/4/2009 **DATE ISSUED:** 3/6/2009

ENHANCED 9-1-1 ADDRESS:

1289 SW STATE ROAD 47

LAKE CITY FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

07-4S-17-08130-003

Remarks:

2ND LOCATION ON PARCEL, ADDRESS MUST BE POSTED ON BLDG AND AT ACCESS FROM SW STATE ROAD 47

Address Issued By: signed / RONAL N. CROFT

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

1392

FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

Detail by Entity Name

Florida Limited Partnership

FAISAL FAMILY LIMITED PARTNERSHIP

Filing Information

Document Number	A97000001269
FEI/EIN Number	593428462
Date Filed	06/05/1997
State	FL
Status	ACTIVE
Last Event	AMENDMENT
Event Date Filed	05/13/2005
Event Effective Date	NONE

Principal Address

1283 SW STATE RD 47
SUITE 104
LAKE CITY FL 32025

Changed 03/01/2004

Mailing Address

P. O. BOX 3009
LAKE CITY FL 32056-3009

Registered Agent Name & Address

FAISAL, MOHAMMAD A
1283 SW STATE RD 47
STE 104
LAKE CITY FL 32025 US

Name Changed: 01/12/2009

Address Changed: 03/01/2004

General Partner Detail

Name & Address

Document Number L03000019033

M.A. FAISAL, M.D., L.L.C.
1283 SW STATE RD 47, SUITE 104
LAKE CITY FL 32025

Annual Reports

Report Year	Filed Date
2007	01/19/2007

2008	01/25/2008
2009	01/12/2009

Document Images

01/12/2009 -- ANNUAL REPORT	View image in PDF format
01/25/2008 -- ANNUAL REPORT	View image in PDF format
01/19/2007 -- ANNUAL REPORT	View image in PDF format
02/02/2006 -- REINSTATEMENT	View image in PDF format
05/13/2005 -- Amendment	View image in PDF format
02/08/2005 -- ANNUAL REPORT	View image in PDF format
03/01/2004 -- ANNUAL REPORT	View image in PDF format
10/07/2003 -- REINSTATEMENT	View image in PDF format
04/03/2002 -- ANNUAL REPORT	View image in PDF format
04/04/2001 -- ANNUAL REPORT	View image in PDF format
03/13/2000 -- ANNUAL REPORT	View image in PDF format
02/18/1999 -- ANNUAL REPORT	View image in PDF format
06/26/1998 -- ANNUAL REPORT	View image in PDF format

Note: This is not official record. See documents if question or conflict.

Previous on List Next on List Return To List Entity Name Search

Events No Name History Submit

| Home | Contact us | Document Searches | E-Filing Services | Forms | Help |

Columbia County Property Appraiser

DB Last Updated: 3/5/2009

2009 Preliminary Values

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 07-4S-17-08130-003

Search Result: 1 of 1

Owner & Property Info

Owner's Name	FAISAL FAMILY LTD PARTNERSHIP		
Site Address	STATE ROAD 47		
Mailing Address	C/O MOHAMMAD A FAISAL P O BOX 3009 LAKE CITY, FL 32056		
Use Desc. (code)	PROFESSION (001900)		
Neighborhood	7417.00	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	2.040 ACRES		
Description	COMM SE COR OF NE1/4 OF SE1/4, RUN W 930.30 FT FOR POB, CONT W 50 FT, N 191.34 FT, E 19.87 FT, N 139.52 FT, W 538.98 FT TO E R/W SR-47, NE ALONG R/W 150.09 FT, E 510.3 FT, S 470 FT TO POB. ORB 777-2068, 845-1220, WD 1120-2543(CORR)		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$55,080.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$397,112.00
XFOB Value	cnt: (2)	$19,788.00
Total Appraised Value		$471,980.00

Just Value	$471,980.00
Class Value	$0.00
Assessed Value	$471,980.00
Exempt Value	$0.00
Total Taxable Value	$471,980.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
9/8/1997	845/1220	WD	V	U	03	$21,700.00
7/13/1993	777/2068	WD	V	U	33	$43,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	OFFICE MED (005200)	1997	Common BRK (19)	7386	7530	$397,112.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	1997	$3,450.00	2300.000	0 x 0 x 0	(.00)
0260	PAVEMENT-A	0	$16,338.00	18153.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
001900	PROF BLDG (MKT)	2.040 AC	1.00/1.00/1.00/1.00	$27,000.00	$55,080.00

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ Project Name: _____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masonite	Hdbd Panel	FL 18
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic	Amarr	Garage Door Sectional	FL1697
6. Other			
B. WINDOWS			
1. Single hung	Betterbuilt	Aluminum	FL 663
2. Horizontal Slider	YKK AP	Vinyl	FL 9965
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Kaycan	Vinyl	FL 1139
2. Soffits	Kaycan	Vinyl	FL 1146
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	Tamko		FL 623
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Union Corrugating Metal Roof FL 12

James Hardie Hardie Board FL 889.5

Website: www.tlopermits.org

Effective April 1, 2004

Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P O Box 1625 • Lake City, FL 32056 Tel. (386) 755-3633 • Fax (386) 752-5456

4784 Rosselle Street • Jacksonville, FL 32254 Tel. (904) 381-8901 • Fax (904) 381-8902

March 26, 2009

Concept Construction, Inc.
295 NW Commons Loop Suite 115-391
Lake City, FL 32055

Attention: Mr. Brian S. Crawford, President

Subject: Proposal for Geotechnical Exploration
Proposed Faisal Medical Building
Lake City, Columbia County, Florida

Mr. Crawford:

Cal-Tech Testing, Inc. (**CTI**) is pleased to submit this proposal to provide a geotechnical exploration for the proposed Faisal Medical Building. The proposed project is located about 350' east of SR 47, approximately 1,100 feet south of Michigan Street in Lake City, Columbia County, Florida. Included in this proposal is our understanding of the project, our proposed scope of services, fee quotation, schedule, and authorization procedures.

PROJECT INFORMATION

We have been furnished with Site Plan prepared by Crews Engineering Services, LLC of Lake City, Florida last revised December 17, 2008. Based on our review of this drawing and our telephone conversation with you, we understand the proposed project will consist of constructing a new medical office with associated parking and drive areas. We understand the building will be a one-story, ±9,075 SF structure. Based on our experience with similar construction, we anticipate the proposed facility will have maximum column and wall loads on the order of 100 kips and 3 to 4 kips per linear foot, respectively. We assume that nominal cuts and fills (less than 3 feet) will be required to achieve final site grades.

SCOPE OF SERVICES

For the evaluation of the subsurface conditions at the subject site, we propose drilling a total of four (4) Standard Penetration Test (SPT) borings. The borings will be located at or near the proposed building corners and extend 15 feet below the existing ground surface.

Depending on the results of our visual classification of the site soils, we may conduct laboratory tests on representative soil samples we obtain during the drilling operations. These tests will help us estimate the bearing and settlement characteristics of the subsurface soils on the basis of empirical correlations and our prior experience. A Florida licensed geotechnical engineer will direct and supervise our services. Upon completion, a report that describes our exploration and recommendations will be provided. This report will include the following:

1. A brief review of our test procedures and the results of the field and laboratory tests (if any);
2. Graphical representation of the subsurface conditions including standard penetration resistance data and at completion groundwater levels;
3. A review of surface features and site conditions that may affect foundation construction and site preparation;
4. A general evaluation of the site considering the proposed project and encountered subsurface conditions;
5. General design and construction criteria for the anticipated shallow foundations, including an allowable bearing pressure, minimum footing widths, and a minimum footing embedment depth;
6. Recommendations for site preparation and construction of compacted fills or backfills.

Drainage and pavement related analysis and design is beyond the scope of services as descried in this proposal. Our work will be performed in general accordance with applicable ASTM standards. At the completion of drilling, we will transport the samples to our laboratory where they will be examined by a geotechnical engineer and visually classified in general accordance with the Unified Soil Classification System. Then samples may be selected for laboratory testing, these tests will be conducted in general accordance with ASTM or other widely accepted standards.

ESTIMATED FEE

CTI will perform the proposed scope of services for a lump sum fee of **$1,500.00.** Our fee quotation assumes the site is accessible for our personnel and equipment. Compensation for any additional services you request will be based upon the actual time expended. A single invoice will be submitted on the charges incurred at the completion of the services outlined in this proposal.

Schedule

Based upon our present work load, we can begin our site activities within 3 working days of receipt of a written authorization. We anticipate our fieldwork to encompass one day. Our report should be issued within 10 days (or less) of completion of the field activities. Verbal recommendation may be available with 2 days of completion of our field work.

Authorization

If this proposal is acceptable, and to authorize us to proceed with the proposed services, please sign below and return to our office.

Closing

CTI appreciates the opportunity to provide this proposal and we look forward to serving you on this and future projects. Should you have any questions concerning this proposal or the services proposed, please do not hesitate to contact me at (386) 755-3633.

Sincerely,
Cal-Tech Testing, Inc.

for Chris D. Emery

Nabil O. Hmeidi, P.E.
Senior Geotechnical Engineer

Proposal for Geotechnical Exploration Faisal Medical Building Lake City, Columbia County, Florida
Name of Concept Construction, Inc. Representative (Print) Brian S. Crawford Date 3-27-09
Title: President
Concept Construction, Inc. Representative's Signature

Inst. Number: 200912004927 Book: 1169 Page: 2667 Date: 3/27/2009 Time: 11:19:00 AM Page 1 of 3

27
10 - Cert. Copies
37

27813

Prepared by and return to:
Carpenter & Roscow, P.A.
5608 NW 43rd Street
Gainesville, Florida 32653
352-373-7788
Permit No. _____
Tax Folio No. **R08130-003**

Inst.200912004927 Date:3/27/2009 Time:11:19 AM
P DeWitt Cason,Columbia County Page 1 of 3 B 1169 P:2667

NOTICE OF COMMENCEMENT

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 improvement (legal description of the property, and street address, if available): **SEE EXHIBIT "A" ATTACHED HERETO.**
   Street Address: **1283 SW State Road 47, Lake City, Florida**
2. General description of the improvement: **Medical Office Facility**
3. Owner information:
   a. Name and Address: **FAISAL FAMILY LIMITED PARTNERSHIP**
      P.O. Box 3009, Lake City, FL 32056
   b. Interest in property: **Fee Simple**
   c. Name and address of fee simple titleholder (if other than Owner): N/A
   d. Phone number (of Owner): (386) 758-5985
4. Name /address of Contractor: **CONCEPT CONSTRUCTION OF NORTH FLORIDA, INC., Attn: Brian S. Crawford, 295 NW Commons Loop, Suite 115-391, Lake City, FL 32055**
5. Surety: n/a
6. Name and address of Lender: **COMPASS BANK**
   2814 S.W. 34th Street
   Gainesville, Florida 32608
7. Name and address of persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: **Mohammad A. Faisal, Managing Member of M.A. FAISAL, M.D., L.L.C., as General Partner of FAISAL FAMILY LIMITED PARTNERSHIP, P.O. Box 3009, Lake City, FL, 32056**
8. In addition to the above, Owner designates **ANDY HARDIN, COMPASS BANK, 2814 SW 34th Street, Gainesville, Florida, 32608**, to receive a copy of the lienor's Notice as provided in Section 713.13(1)(b), F.S.
   a. Phone number: (352) 367-5076
9. Expiration date of notice of commencement (the expiration date is one (1) year from the date of recording unless a different date is specified): _____

Inst. Number: 200912004927 Book: 1169 Page: 2668 Date: 3/27/2009 Time: 11:19:00 AM Page 2 of 3

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

Owner:
FAISAL FAMILY LIMITED PARTNERSHIP
A Florida Limited Partnership, by its
General Partner, M.A. FAISAL, M.D., L.L.C.,
a Florida Limited Liability Company

By: _____
Mohammad A. Faisal, Managing Member

STATE OF FLORIDA
COUNTY OF COLUMBIA

SWORN TO and subscribed before me this 24th day of March, 2009, by MOHAMMAD A. FAISAL, as Managing Member of M.A. FAISAL, M.D., L.L.C., a Florida limited liability company, as General Partner of FAISAL FAMILY LIMITED PARTNERSHIP, a Florida limited partnership, (X) who is personally known to me, or ( ) who produced a driver's license as identification.

_____
Notary Public State of Florida:
My commission expires:

Diane S. Edenfield
Commission # DD514461
Expires May 26, 2010
Bonded Troy Fain Insurance, Inc 800-385-7019

Verification Pursuant to §92.525, Florida Statutes

UNDER PENALTIES OF PERJURY, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

_____
Signature of Natural Person Signing Above

Inst. Number: 200912004927 Book: 1169 Page: 2669 Date: 3/27/2009 Time: 11:19:00 AM Page 3 of 3

EXHIBIT "A"

TOWNSHIP 4 SOUTH - RANGE 17 EAST

SECTION 7: COMMENCE at the Southeast corner of the Northeast 1/4 of the Southeast 1/4 of Section 7, Township 4 South, Range 17 East, Columbia County, Florida, and run South 86°34'30" West along the South line of said Northeast 1/4 of the Southeast 1/4 a distance of 930.30 feet to the POINT OF BEGINNING; thence continue South 86°34'30" West still along said South line 50.00 feet; thence North 03°25'30" West 191.34 feet; thence North 86°34'30" East parallel to the South line of the Northeast 1/4 of the Southeast 1/4 a distance of 19.87 feet; thence North 03°25'30" West 139.52 feet; thence South 86°34'30" West parallel to the South line of the Northeast 1/4 of the Southeast 1/4 a distance of 538.98 feet to a point on the Easterly Right-of-way line of State Road No. 47, said point being on the arc of a curve concave to the East having a radius of 11,409.20 and a central angle of 00°00'17", said curve also having a Chord bearing and distance of North 19°29'00" East 0.97 feet; thence Northerly along the arc of said curve, being also said Easterly Right-of-way line of State Road No. 47 a distance of 0.97 feet to the point of tangency of said curve; thence North 19°29'09" East still along said Easterly Right-of-Way line 150.09 feet; thence North 86°34'30" East parallel to the South line of the Northeast 1/4 of the Southeast 1/4 a distance of 510.30 feet; thence South 03°25'30" East 470.00 feet to the POINT OF BEGINNING.

TOGETHER WITH a non-exclusive perpetual easement for ingress, egress and utilities over and across a strip of land 15 feet in width lying South of a line described as follows:

COMMENCE at the Southeast corner of the Northeast 1/4 of the Southeast 1/4 of Section 7, Township 4 south, Range 17 East, Columbia County, Florida, and run South 86°34'30" West along the South line of said Northeast 1/4 of the Southeast 1/4 a distance of 930.30 feet; thence continue South 86°34'30" West still along said South line 50.00 feet; thence North 03°25'30" West 191.34 feet; thence North 86°34'30" East parallel to the South line of the Northeast 1/4 of the Southeast 1/4 a distance of 19.87 feet; thence North 03°25'30" West 139.52 feet to the POINT OF BEGINNING of said line; thence South 86°34'30" West parallel to the South line of the Northeast 1/4 of the Southeast 1/4 a distance of 538.98 feet to a point on the Easterly Right-of-Way line of State Road No. 47, said point being on the arc of a curve concave to the East having a radius of 11,409.20 and a central angle of 00°00'17", said curve also having a chord bearing and distance of North 19°29'00" East 0.97 feet and the Point of Termination of said line.

EXHIBIT "A"

Columbia County
BUILDING DEPARTMENT

Application 0904-02
Crawford/Faisal

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE ,FLORIDA PLUMBING CODE,FLORIDA MECHINICAL CODE,FLORIDA FUEL AND GAS CODE 2007 , NATIONAL ELECTRICAL 2005
ALL REQUIREMENTS ARE SUBJECT TO CHANGE

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FBC FIGURE 1609 STATE OF FLORIDA WIND SPEED MAP

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

	GENERAL REQUIREMENTS:	Items to Include- Each Box shall be Circled as Applicable		
1	All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void.	YES	NO	N/A
2	If the design professional is an architect or engineer legally registered under the laws of this state regulating the practice of architecture as provided for in Chapter 481, Florida Statutes, Part I, or engineering as provided for in Chapter 471, Florida Statutes, then he or she shall affix his or her official seal to said drawings, specifications and accompanying data, as required by Florida Statute.	YES	NO	N/A
3	The design professional signature shall be affixed to the plans	YES	NO	N/A
4	Two (2) complete sets of plans with the architecture or engineer signature and the date the affix embossed official seal was placed on the plans	YES	NO	N/A

Building Site Plan Requirements		Items to Include- Each Box shall be Circled as Applicable		
4	Parking, including provision FBC chapter 11 for the required accessible parking site 3 required 4 shown	Yes	No	N/A
5	Fire access, showing all drive way which will be accessible for emergency vehicles 21' wide	Yes	No	N/A
6	Driving/turning radius of parking lots 24' wide	Yes	No	N/A
7	Vehicle loading include truck dock loading or rail site loading	Yes	No	N/A
8	Nearest or number of onsite Fire hydrant/water supply/post indicator valve (PIV)	Yes	No	N/A
9	Set back of all existing or proposed structures from each structure and property boundaries, Show all separation including assumed property lines Rear of building 10' from property line	Yes	No	N/A
10	Location of specific tanks(above or under grown ,water lines and sewer lines and septic tank and drain fields	Yes	No	N/A
11	All structures exterior views include finished floor elevation FFE 117.0	Yes	No	N/A
12	Total height of structure(s) form established grade 26'3"	Yes	No	N/A

	Occupancy group use circle all uses:	Group A	Group B	Group E	Group F	Group H	Group I	Group M	Group R	Group S	Group U D

								Yes	No	N/A
13	Special occupancy requirements.							Yes	No	N/A
14	Incidental use areas (total square footage for each room of use area) See Table 302.3.2 for second story storage							Yes	No	N/A
15	Mixed occupancies See Table 302.3.2 for second story storage							Yes	No	N/A
16	REQUIRED SEPARATION OF OCCUPANCIES IN HOURS FBC TABLE 302.3.2 S1 storage = 3hours required separation from first floor							Yes	No	N/A
Minimum type of permitted construction by code for occupancy use circle the construction type FBC 602										
17	Type I	Type II	Type III	Type IV	Type V	Type IV Not shown on plans				

Fire-resistant construction requirements shall be shown, include the following components				
18	Fire-resistant separations First floor from second story Storage area not shown	Yes	No	N/A
19	Fire-resistant protection for type of construction not shown	Yes	No	N/A
20	Protection of openings and penetrations of rated walls Rear wall >10<20 1hr protection windows ,door and roofing material	Yes	No	N/A
21	Protection of openings and penetrations of rated walls Rear wall not shown	Yes	No	N/A
22	Fire blocking and draftstopping and calculated fire resistance Attic draftstopping	Yes	No	N/A
Fire suppression systems shall be shown include:				
23	Early warning smoke evacuation systems Schematic fire sprinklers Standpipes	Yes	No	N/A
24	Standpipes	Yes	No	N/A
25	Pre-engineered systems	Yes	No	N/A
26	Riser diagram	Yes	No	N/A
Life safety systems shall be shown include the following requirements:				
27	Occupant load and egress capacities 100% of Gross= first fl 93 second floor storage 300% Gross= 8	Yes	No	N/A
28	Early warning Section 907.2.2 Group B. Not required	Yes	No	N/A
29	Smoke control	Yes	No	N/A
30	Stair pressurization	Yes	No	N/A
31	Systems schematic	Yes	No	N/A
Occupancy load/egress requirements shall be shown include:				
32	Occupancy load 93	Yes	No	N/A
33	Gross occupancy load 93	Yes	No	N/A
34	Net occupancy load	Yes	No	N/A
35	Means of egress Need exit life safety plan	Yes	No	N/A
36	Exit access	Yes	No	N/A
37	Exit discharge second story see 1032.4.1 In Group S1 storage, occupancies common path of travel shall not exceed 50 feet.	Yes	No	N/A
38	Stairs construction/geometry and protection see 1009.6 Vertical rises. A flight of stairs shall not have a vertical rise greater than 12 feet between floor levels or landings.	Yes	No	N/A
39	Doors	Yes	No	N/A

40	Emergency lighting and exit signs	Yes	No	N/A
41	Specific occupancy requirements SECTION 1016 CORRIDORS 1 hr	Yes	No	N/A
42	Construction requirements	Yes	No	N/A
43	Horizontal exits/exit passageways Need exit life safety plan	Yes	No	N/A

		Items to Include- Each Box shall be Circled as Applicable		
Structural requirements shall be shown include:				
44	Soil conditions/analysis	Yes	No	N/A
45	Termite protection	Yes	No	N/A
46	Design loads Light storage in attic 125 PSF uniform	Yes	No	N/A
47	Wind requirements	Yes	No	N/A
48	Building envelope	Yes	No	N/A
49	Structural calculations (if required)	Yes	No	N/A
50	Foundation	Yes	No	N/A
51	Wall systems	Yes	No	N/A
52	Floor systems	Yes	No	N/A
53	Roof systems Need two sets of truss plans	Yes	No	N/A
54	Threshold inspection plan	Yes	No	N/A
55	Stair systems Will need two means of egress from second story see 1032.4.1	Yes	No	N/A
Materials shall be shown include the following				
56	Wood	Yes	No	N/A
57	Steel	Yes	No	N/A
58	Aluminum	Yes	No	N/A
59	Concrete	Yes	No	N/A
60	Plastic	Yes	No	N/A
61	Glass	Yes	No	N/A
62	Masonry	Yes	No	N/A
63	Gypsum board and plaster	Yes	No	N/A
64	Insulating (mechanical)	Yes	No	N/A
65	Roofing 1Hr, on side of 10 ft.	Yes	No	N/A
66	Insulation	Yes	No	N/A
Accessibility requirements shall be shown include the following				
67	Site requirements	Yes	No	N/A
68	Accessible route	Yes	No	N/A
69	Vertical accessibility see 11-4.1.2	Yes	No	N/A
70	Toilet and bathing facilities	Yes	No	N/A
71	Drinking fountains	Yes	No	N/A
72	Equipment	Yes	No	N/A
73	Special occupancy requirements	Yes	No	N/A
74	Fair housing requirements	Yes	No	N/A
Interior requirements shall include the following				
75	Interior finishes (flame spread/smoke development)	Yes	No	N/A
76	Light and ventilation	Yes	No	N/A
77	Sanitation	Yes	No	N/A
Special systems				
78	Elevators	Yes	No	N/A
79	Escalators	Yes	No	N/A
80	Lifts	Yes	No	N/A
Swimming pools				
81	Barrier requirements	Yes	No	N/A
82	Spas	Yes	No	N/A
83	Wading pools	Yes	No	N/A

	Items to Include-Each Box shall be Circled as Applicable			
	Electrical			
84	Wiring	Yes	No	N/A
85	Services	Yes	No	N/A
86	Feeders and branch circuits	Yes	No	N/A
87	Overcurrent protection	Yes	No	N/A
88	Grounding	Yes	No	N/A
89	Wiring methods and materials	Yes	No	N/A
90	GFCIs	Yes	No	N/A
91	Equipment	Yes	No	N/A
92	Special occupancies	Yes	No	N/A
93	Emergency systems	Yes	No	N/A
94	Communication systems	Yes	No	N/A
95	Low voltage	Yes	No	N/A
96	Load calculations	Yes	No	N/A
	Plumbing			
97	Minimum plumbing facilities	Yes	No	N/A
98	Fixture requirements	Yes	No	N/A
99	Water supply piping	Yes	No	N/A
100	Sanitary drainage	Yes	No	N/A
101	Water heaters	Yes	No	N/A
102	Vents	Yes	No	N/A
103	Roof drainage	Yes	No	N/A
104	Back flow prevention	Yes	No	N/A
105	Irrigation	Yes	No	N/A
106	Location of water supply line	Yes	No	N/A
107	Grease traps	Yes	No	N/A
108	Environmental requirements	Yes	No	N/A
109	Plumbing riser	Yes	No	N/A
	Mechanical			
110	Energy calculations Requires 2007 Florida Energy Efficiency Form	Yes	No	N/A
111	Exhaust systems	Yes	No	N/A
112	Clothes dryer exhaust	Yes	No	N/A
113	Kitchen equipment exhaust	Yes	No	N/A
114	Specialty exhaust systems	Yes	No	N/A
	Equipment location			
115	Make-up air	Yes	No	N/A
116	Roof-mounted equipment	Yes	No	N/A
117	Duct systems	Yes	No	N/A
118	Ventilation	Yes	No	N/A
119	Laboratory	Yes	No	N/A
120	Combustion air	Yes	No	N/A
121	Chimneys, fireplaces and vents	Yes	No	N/A
122	Appliances	Yes	No	N/A
123	Boilers	Yes	No	N/A
124	Refrigeration	Yes	No	N/A
125	Bathroom ventilation	Yes	No	N/A

	Items to Include-Each Box shall be Circled as Applicable			
	Gas			
126	Gas piping	Yes	No	N/A
127	Venting	Yes	No	N/A
128	Combustion air	Yes	No	N/A
129	Chimneys and vents	Yes	No	N/A
130	Appliances	Yes	No	N/A
131	Type of gas	Yes	No	N/A
132	Fireplaces	Yes	No	N/A
133	LP tank location	Yes	No	N/A
134	Riser diagram/shutoffs	Yes	No	N/A
	Notice of Commencement			
135	A recorded (in the Columbia County Clerk Office) notice of commencement is required to be on file with the building department . *Before Any Inspections Will Be Done*	Yes	No	N/A
	Disclosure Statement for Owner Builders	Yes	No	N/A

	Private Potable Water			
136	Horse power of pump motor Provide City of Lake City Water tap receipt	Yes	No	N/A
137	Capacity of pressure tank	Yes	No	N/A
138	Cycle stop valve if used	Yes	No	N/A

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

139	**Building Permit Application**	A current Building Permit Application form is to be completed and submitted for all construction projects.	Yes	No	N/A
140	**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	Yes	No	N/A
141	**Environmental Health Permit or Sewer Tap Approval**	A copy of an approved Environmental Health (386) 758-1058 waste water disposal permit or an approved City of Lake City(386) 752-2031 sewer tap is required before a building permit can be issued. Provide City of Lake City Waste water tap receipt **Toilet facilities shall be provided for construction workers**	Yes	No	N/A
142	**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. Use or joint use of driveways will comply with Florida Department of Transportation specifications**. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required. Provide F.D.O.T letter approving existing driveway connection on 47	Yes	No	N/A
143	**Suwannee River Water Management District Approval**	All commercial projects must have an SRWMD permit issued or an exemption letter, before a building permit will be issued.	Yes	No	N/A

144	**Flood Management**	Any project located within a flood zone where the base flood elevation (100 year flood) **has been** established shall meet the requirements of section 8.5.2 of the Columbia County Land Development Regulations. Any project 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 8.5.3 of Columbia County Land Development Regulations. A development permit will also be required. **The development permit cost is $50.00**	Yes	No	N/A
145	**Flood Management**	A CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.	Yes	No	N/A
146	**911 Address**	If the project is located in an area where a 911 address has not been issued, then application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	Yes	No	N/A

Section 105 of the Florida Building Code defines the:

Time limitation of application.

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

Permit intent.

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

If work has commenced.

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

Section 105 of the Florida Building Code defines the:

New Permit.

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

Work Shall Be:

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

The Fee:

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

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

0904-02

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

22 MAY 2009

COLUMBIA COUNTY BUILDING DEPARTMENT
Received for
FILE COPY
Code Compliance
PLANS EXAMINER

JOE HALTIWANGER, PLANS EXAMINER
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

Re: FAISAL-WRIGHT MEDICAL BUILDING
PERMIT Nr.: _____

DEAR SIR:

PER OUR MEETING, THE STORAGE LOFT SHALL BE LIMITED AS PER THE FOLLOWING SECTION OF THE 2007 FBC:

11-4.1.3 Accessible buildings: new construction.

Vertical accessibility shall be provided to all levels above and below the occupiable grade level, regardless of whether the code requires an elevator to be installed in such building, structure or facility, except for: (1) elevator pits, elevator penthouses, mechanical rooms, piping or equipment catwalks, and automobile lubrication and maintenance pits and platforms, (2) unoccupiable spaces, such as rooms, enclosed spaces, and storage spaces that are not designed for human occupancy, for public accommodations, or for work areas, and (3) occupiable spaces and rooms that are not open to the public and that house no more than five persons including, but not limited to, equipment control rooms and projection booths.

DR. FAISAL HAS BEEN NOTIFIED OF THIS REQUIREMENT AND HAS AGREED TO ABIDE BY THE RESTRICTIONS AS OUTLINED, ABOVE.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

M. A. FAISAL, M.D., OWNER

M. A. Faisal

Florida Energy Efficiency Code For Building Construction

Florida Department of Community Affairs

EnergyGauge Summit® Fla/Com-2008, Effective: March 1, 2009 -- Form 400A-2008

Method A: Whole Building Performance Method for Commercial Buildings

PROJECT SUMMARY

221000
Permit # 27863

Short Desc:	Fai Prj	**Description:**	Faisal-Wright Medical Build
Owner:	Dr. M. A. Faisal		
Address1:	S Hwy 47	**City:**	Lake City
Address2:		**State:**	FL
		Zip:	0
Type:	Healthcare-Clinic	**Class:**	New Finished building
Jurisdiction:	COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)		
Conditioned Area:	11589 SF	**Conditioned & UnConditioned Area:**	11589 SF
No of Stories:	2	**Area entered from Plans**	11589 SF
Permit No:	0	**Max Tonnage**	4.5
		If different, write in:	_____

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Cost (in $)	9,965.0	11,064.0	**PASSED**
System Unmet Hours	589.0		**FAILED**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**None Entered**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**PASSES**
PIPING SYSTEMS			**PASSES**
Met all required compliance from Check List?			**Yes/No/NA**

IMPORTANT MESSAGE
Info 5009 -- -- -- An input report of this design building must be submitted along with this Compliance Report

CERTIFICATIONS

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

Prepared By: Nicholas Paul Geisler

Date: 28 May 2K9

Building Official: _____

Date: _____

I certify that this building is in compliance with the FLorida Energy Efficiency Code

Owner Agent: _____

Date: _____

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

Architect: Nicholas Paul Geisler

Reg No: AR 0007005

Electrical Designer: _____

Reg No: _____

Lighting Designer: _____

Reg No: _____

Mechanical Designer: _____

Reg No: _____

Plumbing Designer: _____

Reg No: _____

(*) Signature is required where Florida Law requires design to be performed by registered design professionals.

Project: Fai Prj
Title: Faisal-Wright Medical Building
Type: Healthcare-Clinic
(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

Building End Uses

	1) Proposed	2) Baseline
Total	*674.80*	*883.20*
	$9,965	*$13,016*
ELECTRICITY(MBtu/kWh/$)	674.80	883.20
	197710	258776
	$9,965	*$13,016*
AREA LIGHTS	113.40	154.80
	33221	45346
	$1,674	*$2,281*
MISC EQUIPMT	142.60	142.60
	41781	41781
	$2,106	*$2,102*
PUMPS & MISC	0.90	0.70
	252	206
	$13	*$10*
SPACE COOL	157.40	218.00
	46129	63869
	$2,325	*$3,213*
SPACE HEAT	5.80	39.80
	1708	11671
	$86	*$587*
VENT FANS	254.70	327.30
	74619	95903
	$3,761	*$4,824*

Passing requires Proposed Building cost to be at most 85% of Baseline cost. This Proposed Building is at 76.6%

PASSES

External Lighting Compliance

Description	Category	Tradable?	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)

None

Project: Fai Prj
Title: Faisal-Wright Medical Building
Type: Healthcare-Clinic
(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	17	Office - Enclosed	2,235	11	1	**PASSES**
Pr0Zo2Sp1	10,004	Exam/Treatment (Hospital)	2,307	15	1	**PASSES**
Pr0Zo3Sp1	10,004	Exam/Treatment (Hospital)	2,197	11	1	**PASSES**
Pr0Zo4Sp1	10,004	Exam/Treatment (Hospital)	2,446	11	1	**PASSES**
Pr0Zo5Sp1	3	Storage & Warehouse - Bulky Active Storage	2,405	3	1	**PASSES**

PASSES

Project: Fai Prj
Title: Faisal-Wright Medical Building
Type: Healthcare-Clinic
(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

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	Compliance
Cooling System	Air Conditioners Air Cooled Split System < 65000 Btu/h Cooling Capacity		13.50	12.00	8.00		PASSES
Heating System	Heat Pumps Air Cooled (Heating Mode) Split System < 65000 Btu/h Cooling Capacity		8.70	7.40			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		8.00	8.00			PASSES

Pr0Sy2 **System 2** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 1**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Conditioners Air Cooled Split System < 65000 Btu/h Cooling Capacity		13.50	12.00	8.00		PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES

Pr0Sy3 **System 3** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 1**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Conditioners Air Cooled Split System < 65000 Btu/h Cooling Capacity		13.50	12.00	8.00		PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES

Pr0Sy4	System 4	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 Conditioners Air Cooled Split System < 65000 Btu/h Cooling Capacity		13.50	12.00	8.00		PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES

Pr0Sy5	System 5	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 Conditioners Air Cooled Split System < 65000 Btu/h Cooling Capacity		13.50	12.00	8.00		PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES

PASSES

Plant Compliance

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

None

Project: Fai Prj
Title: Faisal-Wright Medical Building
Type: Healthcare-Clinic
(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Comp liance
Water Heater 1	Electric water heater	<= 12 [kW]	0.88	0.86			PASSES

PASSES

Project: Fai Prj
Title: Faisal-Wright Medical Building
Type: Healthcare-Clinic
(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

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
Domestic and Service Hot Water Systems	0.75	False	125.00	0.28	0.60	0.50	**PASSES**

PASSES

Project: Fai Prj
Title: Faisal-Wright Medical Building
Type: Healthcare-Clinic
(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Report	13-101	Input Report Print-Out from EnergyGauge FlaCom attached	☐
Operations Manual	13-102.1, 13-410, 13-413	Operations manual provided to owner	☐
Windows & Doors	13-406.AB.1.1	Glazed swinging entrance & revolving doors: max. 1.0 cfm/ft²; all other products: 0.4 cfm/ft²	☐
Joints/Cracks	13-406.AB.1.2	To be caulked, gasketed, weather-stripped or otherwise sealed	☐
Dropped Ceiling Cavity	13-406.AB.3	Vented: seal & insulated ceiling. Unvented seal & insulate roof & side walls	☐
System	13-407	HVAC Load sizing has been performed	☐
Reheat	13-407.B	Electric resistance reheat prohibited	☐
HVAC Efficiency	13-407, 13-408	Minimum efficiences: Cooling Tables 13-407.AB.3.2.1A-D; Heating Tables 13-407.AB.3.2.1B, 13-407.AB.3.2.1D, 13-408.AB.3.2.1E, 13-408.AB.3.2F	☐
HVAC Controls	13-407.AB.2	Zone controls prevent reheat (exceptions); simultaneous heating and cooling in each zone; combined HAC deadband of at least 5°F (exceptions)	☐
Ventilation Controls	13-409.AB.3	Motorized dampers reqd, except gravity dampers OK in: 1) exhaust systems and 2) systems with design outside air intake or exhaust capacity ≤300 cfm	☐
ADS	13-410	Duct sizing and Design have been performed	☐
HVAC Ducts	13-410.AB	Air ducts, fittings, mechanical equipment & plenum chambers shall be mechanically attached, sealed, insulated & installed per Sec. 13-410 Air Distribution Systems	☐
Balancing	13-410.AB.4	HVAC distribution system(s) tested & balanced. Report in construction documents	☐
Piping Insulation	13-411.AB	In accordance with Table 13-411.AB.2	☐
Water Heaters	13-412.AB	Performance requirements in accordance with Table 13-412.AB.3. Heat trap required	☐
Swimming Pools	13-412.AB.2.6	Cover on heated swimming pools: Time switch (exceptions); Readily accessible on/off switch	☐
Hot Water Pipe Insulation	13-411.AB.3	Table 13-411.AB.2 for circulating systems, first 8 feet of outlet pipe from storage tank and between inlet pipe and heat trap	☐
Water Fixtures	13-412.AB.2.5	Shower hot water flow restricted to 2.5 gpm at 80 psi. Public lavatory fixture how water flow 0.5 gpm max; if self-closing valve 0.25 gallon recirculating, 0.5 gallon non recirculating	☐
Motors	13-414	Motor efficiency criteria have been met	☐
Lighting Controls	13-415.AB	Automatic control required for interior lighting in buildings >5,000 s.f.; Space control; Exterior photo sensor; Tandom wiring with 1 or 3 linear fluuorescent lamps>30W	☐

EnergyGauge Summit® v3.20

INPUT DATA REPORT

Project Information

Project Name: Fai Prj

Project Title: Faisal-Wright Medical Building

Address: S Hwy 47

State: FL

Zip: 0

Owner: Dr. M. A. Faisal

Orientation: South

Building Type: Healthcare-Clinic

Building Classification: New Finished building

No.of Stories: 2

GrossArea: 11589 SF

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	Pr0Zo1	Zone 1	CONDITIONED	2235.3	1	2235.3	☐
2	Pr0Zo2	Zone 2	CONDITIONED	2307.3	1	2307.3	☐
3	Pr0Zo3	Zone 3	CONDITIONED	2196.6	1	2196.6	☐
4	Pr0Zo4	Zone 4	CONDITIONED	2445.6	1	2445.6	☐
5	Pr0Zo5	Zone 5	CONDITIONED	2404.7	1	2404.7	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]	
In Zone: Pr0Zo1										
1	Pr0Zo1Sp1	Zo0Sp1	Office - Enclosed	55.33	40.40	10.00	1	2235.3	22353.3	☐
In Zone: Pr0Zo2										
1	Pr0Zo2Sp1	Zo0Sp1	Exam/Treatment (Hospital)	55.33	41.70	10.00	1	2307.3	23072.6	☐
In Zone: Pr0Zo3										
1	Pr0Zo3Sp1	Zo0Sp1	Exam/Treatment (Hospital)	55.33	39.70	10.00	1	2196.6	21966.0	☐
In Zone: Pr0Zo4										
1	Pr0Zo4Sp1	Zo0Sp1	Exam/Treatment (Hospital)	55.33	44.20	10.00	1	2445.6	24455.9	☐
In Zone: Pr0Zo5										
1	Pr0Zo5Sp1	Zo0Sp1	Storage & Warehouse - Bulky Active Storage	24.58	97.83	8.00	1	2404.7	19237.3	☐

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone: Pr0Zo1								
In Space: Pr0Zo1Sp1								
1	Compact Fluorescent	General Lighting	16	128	2048	Manual On/Off	7	☐
2	Compact Fluorescent	General Lighting	6	64	384	Manual On/Off	4	☐
3	Incandescent	Display/Accent Lighting	2	60	120	Manual On/Off	2	☐
In Zone: Pr0Zo2								
In Space: Pr0Zo2Sp1								
1	Compact Fluorescent	General Lighting	19	128	2432	Manual On/Off	8	☐
2	Compact Fluorescent	General Lighting	6	64	384	Manual On/Off	4	☐
3	Incandescent	General Lighting	6	60	360	Manual On/Off	3	☐
In Zone: Pr0Zo3								

In Space: Pr0Zo3Sp1									
1	Compact Fluorescent	General Lighting	11	128	1408	Manual On/Off	9	☐	
2	Compact Fluorescent	General Lighting	5	64	320	Manual On/Off	2	☐	
3	Incandescent	Display/Accent Lighting	5	60	300	Manual On/Off	2	☐	
In Zone: Pr0Zo4									
In Space: Pr0Zo4Sp1									
1	Compact Fluorescent	General Lighting	15	128	1920	Manual On/Off	5	☐	
2	Compact Fluorescent	General Lighting	9	64	576	Manual On/Off	4	☐	
3	Incandescent	General Lighting	2	60	120	Manual On/Off	2	☐	
In Zone: Pr0Zo5									
In Space: Pr0Zo5Sp1									
1	Compact Fluorescent	General Lighting	14	64	896	Manual On/Off	3	☐	

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	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	Pr0Zo1Wa1	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	40.40	10.00	1	404.0	South	0.2642	9.696	62.72	3.8	☐
2	Pr0Zo1Wa2	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	55.33	10.00	1	553.3	West	0.2642	9.696	62.72	3.8	☐
3	Pr0Zo1Wa3	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	40.40	10.00	1	404.0	North	0.2642	9.696	62.72	3.8	☐
In Zone: Pr0Zo2												
1	Pr0Zo2Wa1	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	41.70	10.00	1	417.0	South	0.2642	9.696	62.72	3.8	☐
2	Pr0Zo2Wa2	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	55.33	10.00	1	553.3	West	0.2642	9.696	62.72	3.8	☐

3	Pr0Zo2Wa3	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	41.70	10.00	1	417.0	North	0.2642	9.696	62.72	3.8	☐
In Zone:	**Pr0Zo3**											
1	Pr0Zo3Wa1	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	39.70	10.00	1	397.0	South	0.2642	9.696	62.72	3.8	☐
2	Pr0Zo3Wa2	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	55.33	10.00	1	553.3	North	0.2642	9.696	62.72	3.8	☐
3	Pr0Zo3Wa3	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	39.70	55.33	1	2196.6	North	0.2642	9.696	62.72	3.8	☐
In Zone:	**Pr0Zo4**											
1	Pr0Zo4Wa1	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	44.20	10.00	1	442.0	South	0.2642	9.696	62.72	3.8	☐
2	Pr0Zo4Wa2	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	55.33	10.00	1	553.3	West	0.2642	9.696	62.72	3.8	☐
3	Pr0Zo4Wa3	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	44.20	10.00	1	442.0	North	0.2642	9.696	62.72	3.8	☐
4	Pr0Zo4Wa4	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	55.33	10.00	1	553.3	East	0.2642	9.696	62.72	3.8	☐
In Zone:	**Pr0Zo5**											
1	Pr0Zo5Wa1	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	97.83	8.00	1	782.6	South	0.8350	2.500	100.00	1.2	☐
2	Pr0Zo5Wa2	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	24.58	8.00	1	196.6	West	0.8350	2.500	100.00	1.2	☐
3	Pr0Zo5Wa3	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	97.83	8.00	1	782.6	North	0.8350	2.500	100.00	1.2	☐
4	Pr0Zo5Wa4	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	24.58	8.00	1	196.6	East	0.8350	2.500	100.00	1.2	☐

Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHGC	Vis.Tra	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]	
In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa1											
1	Pr0Zo1Wa1Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	2	30.0	☐
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	1	15.0	☐
In Zone: Pr0Zo2											
In Wall: Pr0Zo2Wa1											
1	Pr0Zo2Wa1Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	1	15.0	☐
2	Pr0Zo2Wa1Wi2	User Defined	No	0.9000	0.50	0.40	3.00	6.67	2	40.0	☐
In Wall: Pr0Zo2Wa3											
1	Pr0Zo2Wa3Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	1	15.0	☐
In Zone: Pr0Zo3											
In Wall: Pr0Zo3Wa1											
1	Pr0Zo3Wa1Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	2	30.0	☐
In Wall: Pr0Zo3Wa3											
1	Pr0Zo3Wa3Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	1	15.0	☐
In Zone: Pr0Zo4											
In Wall: Pr0Zo4Wa1											
1	Pr0Zo4Wa1Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	2	30.0	☐
In Wall: Pr0Zo4Wa3											
1	Pr0Zo4Wa3Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	2	30.0	☐
In Wall: Pr0Zo4Wa4											
1	Pr0Zo4Wa4Wi1	User Defined	No	0.9000	0.50	0.40	3.00	5.00	2	30.0	☐

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	Solid core flush (1.75")	No	3.00	6.67	1	20.0	0.6061	0.00	0.00	1.65	☐
In Wall: Pr0Zo1Wa2												

1	Pr0Zo1Wa2Dr1	Solid core flush (1.75")	No	4.00	6.67	1	26.7	0.6061	0.00	0.00	1.65	☐
In Wall:	**Pr0Zo1Wa3**											
1	Pr0Zo1Wa3Dr1	Solid core flush (1.75")	No	3.00	6.67	1	20.0	0.6061	0.00	0.00	1.65	☐
In Zone:	**Pr0Zo4**											
In Wall:	**Pr0Zo4Wa1**											
1	Pr0Zo4Wa1Dr1	Solid core flush (1.75")	No	3.00	6.67	1	20.0	0.6061	0.00	0.00	1.65	☐
In Wall:	**Pr0Zo4Wa4**											
1	Pr0Zo4Wa4Dr1	Solid core flush (1.75")	No	3.00	6.67	1	20.0	0.6061	0.00	0.00	1.65	☐
In Zone:	**Pr0Zo5**											
In Wall:	**Pr0Zo5Wa3**											
1	Pr0Zo5Wa3Dr1	Solid core flush (1.75")	No	3.00	7.00	1	21.0	0.6061	0.00	0.00	1.65	☐

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	14.00	27.67	1	387.4	27.00	0.0320	1.50	8.22	31.2	☐
2	Pr0Zo1Rf2	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	20.00	10.00	1	200.0	27.00	0.0320	1.50	8.22	31.2	☐
3	Pr0Zo1Rf3	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	55.33	12.77	1	706.6	27.00	0.0320	1.50	8.22	31.2	☐
4	Pr0Zo1Rf4	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	20.00	10.00	1	200.0	27.00	0.0320	1.50	8.22	31.2	☐
5	Pr0Zo1Rf5	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	14.00	27.67	1	387.4	27.00	0.0320	1.50	8.22	31.2	☐

6	Pr0Zo1Rf6	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	6.33	15.33	1	97.0	27.00	0.0320	1.50	8.22	31.2	☐
7	Pr0Zo1Rf7	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	6.33	15.33	1	97.0	27.00	0.0320	1.50	8.22	31.2	☐
In Zone:	**Pr0Zo2**											
1	Pr0Zo2Rf1	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	41.70	27.67	1	1153.8	27.00	0.0320	1.50	8.22	31.2	☐
2	Pr0Zo2Rf2	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	41.70	27.67	1	1153.8	27.00	0.0320	1.50	8.22	31.2	☐
In Zone:	**Pr0Zo3**											
1	Pr0Zo3Rf1	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	39.70	27.67	1	1098.5	27.00	0.0320	1.50	8.22	31.2	☐
2	Pr0Zo3Rf2	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	39.70	27.00	1	1071.9	27.00	0.0320	1.50	8.22	31.2	☐
In Zone:	**Pr0Zo4**											
1	Pr0Zo4Rf1	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	14.10	27.67	1	390.1	27.00	0.0320	1.50	8.22	31.2	☐
2	Pr0Zo4Rf2	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	20.00	10.00	1	200.0	27.00	0.0320	1.50	8.22	31.2	☐
3	Pr0Zo4Rf3	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	55.33	12.77	1	706.6	27.00	0.0320	1.50	8.22	31.2	☐
4	Pr0Zo4Rf4	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	20.00	10.00	1	200.0	27.00	0.0320	1.50	8.22	31.2	☐
5	Pr0Zo4Rf5	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	14.10	27.67	1	390.1	27.00	0.0320	1.50	8.22	31.2	☐
6	Pr0Zo4Rf6	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	10.10	15.33	1	154.8	27.00	0.0320	1.50	8.22	31.2	☐

	7	Pr0Zo4Rf7	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	10.10	15.33	1	154.8	27.00	0.0320	1.50	8.22	31.2
In Zone:	**Pr0Zo5**											
	1	Pr0Zo5Rf1	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	97.83	12.33	1	1206.2	27.00	0.0320	1.50	8.22	31.2
	2	Pr0Zo5Rf2	Shngl/1/2"WD Deck/WD Truss/9" Batt/Gyp Brd	97.83	12.33	1	1206.2	27.00	0.0320	1.50	8.22	31.2

Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	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	40.40	55.33	1	2235.3	0.5987	9.33	140.00	1.67
In Zone:	**Pr0Zo2**									
1	Pr0Zo2Fl1	Concrete floor, carpet and rubber pad	41.70	55.33	1	2307.3	0.5987	9.33	140.00	1.67
In Zone:	**Pr0Zo3**									
1	Pr0Zo3Fl1	Concrete floor, carpet and rubber pad	39.70	55.33	1	2196.6	0.5987	9.33	140.00	1.67
In Zone:	**Pr0Zo4**									

1	Pr0Zo4Fl1	Concrete floor, carpet and rubber pad	44.20	55.33	1	2445.6	0.5987	9.33	140.00	1.67	☐
In Zone: Pr0Zo5											
1	Pr0Zo5Fl1	Concrete floor, carpet and rubber pad	6.33	24.58	1	155.6	0.5987	9.33	140.00	1.67	☐
2	Pr0Zo5Fl2	Concrete floor, carpet and rubber pad	41.70	24.58	1	1025.0	0.5987	9.33	140.00	1.67	☐
3	Pr0Zo5Fl3	Concrete floor, carpet and rubber pad	39.70	24.58	1	975.8	0.5987	9.33	140.00	1.67	☐
4	Pr0Zo5Fl4	Concrete floor, carpet and rubber pad	10.10	24.58	1	248.3	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	53500.00	13.50	8.00	☐
2	Heating System	53500.00	8.70		☐
3	Air Handling System -Supply	2000.00	0.80		☐
4	Air Handling System - Return	2000.00	0.80		☐
5	Air Distribution System		8.00		☐

Pr0Sy2 **System 2** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. Of Units 1**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System	53500.00	13.50	8.00	☐
2	Air Handling System -Supply	2000.00	0.80		☐

Pr0Sy3	System 3	Constant Volume Air Cooled Split System < 65000 Btu/hr		No. Of Units 1	
Component	**Category**	**Capacity**	**Efficiency**	**IPLV**	
1	Cooling System	53500.00	13.50	8.00	☐
2	Air Handling System -Supply	2000.00	0.80		☐

Pr0Sy4	System 4	Constant Volume Air Cooled Split System < 65000 Btu/hr		No. Of Units 1	
Component	**Category**	**Capacity**	**Efficiency**	**IPLV**	
1	Cooling System	53500.00	13.50	8.00	☐
2	Air Handling System -Supply	2000.00	0.80		☐

Pr0Sy5	System 5	Constant Volume Air Cooled Split System < 65000 Btu/hr		No. Of Units 1	
Component	**Category**	**Capacity**	**Efficiency**	**IPLV**	
1	Cooling System	53500.00	13.50	8.00	☐
2	Air Handling System -Supply	2000.00	0.80		☐

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV	
						☐

Water Heaters

W-Heater Description	Capacity	Cap.Unit	I/P Rt.	Efficiency	Loss	
1 Electric water heater	50	[Gal]	5 [kW]	0.8800 [Ef]	[Btu/h]	☐

Ext-Lighting

Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]	
							☐

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?	
1	Domestic and Service Hot Water Systems	125.00	0.28	0.75	0.60	No	☐

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT	
ASHULDblTntMtl-Oth frm	User Defined	2	0.9000	0.5000	0.4000	☐

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	
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
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					☐
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					☐
105	Matl105	CONC BLK HW, 8IN, HOLLOW	No	1.1002	0.6667	0.6060	69.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
12	Matl12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	0.2000	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
81	Matl81	ASPHALT-ROOFING, ROLL	Yes	0.1500					☐
244	Matl244	PLYWOOD, 1/2IN	No	0.6318	0.0417	0.0660	34.00	0.2900	☐

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]	
1004	Concrete floor, carpet and rubber pad	No	No	0.60	9.33	140.00	1.7	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	151	CONC HW, DRD, 140LB, 4IN	0.3333	0.000	☐
2	178	CARPET W/RUBBER PAD		0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1008	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	No	No	0.83	2.50	100.00	1.2	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	57	3/4 in. Plaster or gypsum	0.0625	0.000	☐
2	72	AIR LAYER, 3/4IN OR LESS, VERT. WALLS		0.000	☐
3	57	3/4 in. Plaster or gypsum	0.0625	0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1014	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	No	No	0.26	9.70	62.72	3.8	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	105	CONC BLK HW, 8IN, HOLLOW	0.6667	0.000	☐
2	269	.75" ISO BTWN24" oc	0.0625	0.000	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1027	Solid core flush (1.75")	No	Yes	0.61			1.7	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	278	Solid core flush (1.75")		0.000	☐

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	31.2	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	81	ASPHALT-ROOFING, ROLL		0.000	☐
2	244	PLYWOOD, 1/2IN	0.0417	0.000	☐
3	12	3 in. Insulation	0.2500	0.000	☐
4	23	6 in. Insulation	0.5000	0.000	☐
5	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.000	☐

Columbia County
BUILDING DEPARTMENT

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE ,FLORIDA PLUMBING CODE,FLORIDA MECHINICAL CODE,FLORIDA FUEL AND GAS CODE 2007 , NATIONAL ELECTRICAL 2005
ALL REQUIREMENTS ARE SUBJECT TO CHANGE

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FBC FIGURE 1609 STATE OF FLORIDA WIND SPEED MAP

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

	GENERAL REQUIREMENTS:	Items to Include - Each Box shall be Circled as Applicable		
1	All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void.	YES	NO	N/A
2	If the design professional is an architect or engineer legally registered under the laws of this state regulating the practice of architecture as provided for in Chapter 481, Florida Statutes, Part I, or engineering as provided for in Chapter 471, Florida Statutes, then he or she shall affix his or her official seal to said drawings, specifications and accompanying data, as required by Florida Statute.	YES	NO	N/A
3	The design professional signature shall be affixed to the plans	YES	NO	N/A
4	Two (2) complete sets of plans with the architecture or engineer signature and the date the affix embossed official seal was placed on the plans	YES	NO	N/A

	Building Site Plan Requirements	Items to Include Each Box shall be Circled as Applicable		
4	Parking, including provision FBC chapter 11 for the required accessible parking site	Yes	No	N/A
5	Fire access, showing all drive way which will be accessible for emergency vehicles	Yes	No	N/A
6	Driving/turning radius of parking lots	Yes	No	N/A
7	Vehicle loading include truck dock loading or rail site loading	Yes	No	N/A
8	Nearest or number of onsite Fire hydrant/water supply/post indicator valve (PIV)	Yes	No	N/A
9	Set back of all existing or proposed structures from each structure and property boundaries, Show all separation including assumed property lines	Yes	No	N/A
10	Location of specific tanks(above or under grown ,water lines and sewer lines and septic tank and drain fields	Yes	No	N/A
11	All structures exterior views include finished floor elevation	Yes	No	N/A
12	Total height of structure(s) form established grade	Yes	No	N/A

Occupancy group use circle all uses	Group A	Group B	Group E	Group F	Group H	Group I	Group M	Group R	Group S	Group U D

13	Special occupancy requirements.	Yes	No	N/A
14	Incidental use areas (total square footage for each room of use area)	Yes	No	N/A
15	Mixed occupancies	Yes	No	N/A
16	REQUIRED SEPARATION OF OCCUPANCIES IN HOURS FBC TABLE 302.3.2	Yes	No	N/A

Minimum type of permitted construction by code for occupancy use circle the construction type FBC 602

17	Type I	Type II	Type III	Type IV	Type V

	Fire-resistant construction requirements shall be shown, include the following components			
18	Fire-resistant separations	Yes	No	N/A
19	Fire-resistant protection for type of construction	Yes	No	N/A
20	Protection of openings and penetrations of rated walls	Yes	No	N/A
21	Protection of openings and penetrations of rated walls	Yes	No	N/A
22	Fire blocking and draftstopping and calculated fire resistance	Yes	No	N/A
	Fire suppression systems shall be shown include:			
23	Early warning smoke evacuation systems Schematic fire sprinklers Standpipes	Yes	No	N/A
24	Standpipes	Yes	No	N/A
25	Pre-engineered systems	Yes	No	N/A
26	Riser diagram	Yes	No	N/A
	Life safety systems shall be shown include the following requirements:			
27	Occupant load and egress capacities	Yes	No	N/A
28	Early warning	Yes	No	N/A
29	Smoke control	Yes	No	N/A
30	Stair pressurization	Yes	No	N/A
31	Systems schematic	Yes	No	N/A
	Occupancy load/egress requirements shall be shown include:			
32	Occupancy load	Yes	No	N/A
33	Gross occupancy load	Yes	No	N/A
34	Net occupancy load	Yes	No	N/A
35	Means of egress	Yes	No	N/A
36	Exit access	Yes	No	N/A
37	Exit discharge	Yes	No	N/A
38	Stairs construction/geometry and protection	Yes	No	N/A
39	Doors	Yes	No	N/A
40	Emergency lighting and exit signs	Yes	No	N/A
41	Specific occupancy requirements	Yes	No	N/A
42	Construction requirements	Yes	No	N/A
43	Horizontal exits/exit passageways	Yes	No	N/A

Note Soil Analysis shall be completed prior to completion of bldg. pad. Land clearing is required first.

		Items to Include - Each Box shall be Circled as Applicable		
Structural requirements shall be shown include:				
44	Soil conditions/analysis	Yes	No	N/A
45	Termite protection	Yes	No	N/A
46	Design loads	Yes	No	N/A
47	Wind requirements	Yes	No	N/A
48	Building envelope	Yes	No	N/A
49	Structural calculations (if required)	Yes	No	N/A
50	Foundation	Yes	No	N/A
51	Wall systems	Yes	No	N/A
52	Floor systems	Yes	No	N/A
53	Roof systems	Yes	No	N/A
54	Threshold inspection plan	Yes	No	N/A
55	Stair systems	Yes	No	N/A
Materials shall be shown include the following				
56	Wood	Yes	No	N/A
57	Steel	Yes	No	N/A
58	Aluminum	Yes	No	N/A
59	Concrete	Yes	No	N/A
60	Plastic	Yes	No	N/A
61	Glass	Yes	No	N/A
62	Masonry	Yes	No	N/A
63	Gypsum board and plaster	Yes	No	N/A
64	Insulating (mechanical)	Yes	No	N/A
65	Roofing	Yes	No	N/A
66	Insulation	Yes	No	N/A
Accessibility requirements shall be shown include the following				
67	Site requirements	Yes	No	N/A
68	Accessible route	Yes	No	N/A
69	Vertical accessibility	Yes	No	N/A
70	Toilet and bathing facilities	Yes	No	N/A
71	Drinking fountains	Yes	No	N/A
72	Equipment	Yes	No	N/A
73	Special occupancy requirements	Yes	No	N/A
74	Fair housing requirements	Yes	No	N/A
Interior requirements shall include the following				
75	Interior finishes (flame spread/smoke development)	Yes	No	N/A
76	Light and ventilation	Yes	No	N/A
77	Sanitation	Yes	No	N/A
Special systems				
78	Elevators	Yes	No	N/A
79	Escalators	Yes	No	N/A
80	Lifts	Yes	No	N/A
Swimming pools				
81	Barrier requirements	Yes	No	N/A
82	Spas	Yes	No	N/A
83	Wading pools	Yes	No	N/A

	Items to include-Each Box shall be Circled as Applicable			
	Electrical			
84	Wiring	Yes	No	N/A
85	Services	Yes	No	N/A
86	Feeders and branch circuits	Yes	No	N/A
87	Overcurrent protection	Yes	No	N/A
88	Grounding	Yes	No	N/A
89	Wiring methods and materials	Yes	No	N/A
90	GFCIs	Yes	No	N/A
91	Equipment	Yes	No	N/A
92	Special occupancies	Yes	No	N/A
93	Emergency systems	Yes	No	N/A
94	Communication systems	Yes	No	N/A
95	Low voltage	Yes	No	N/A
96	Load calculations	Yes	No	N/A
	Plumbing			
97	Minimum plumbing facilities	Yes	No	N/A
98	Fixture requirements	Yes	No	N/A
99	Water supply piping	Yes	No	N/A
100	Sanitary drainage	Yes	No	N/A
101	Water heaters	Yes	No	N/A
102	Vents	Yes	No	N/A
103	Roof drainage	Yes	No	N/A
104	Back flow prevention	Yes	No	N/A
105	Irrigation	Yes	No	N/A
106	Location of water supply line	Yes	No	N/A
107	Grease traps	Yes	No	N/A
108	Environmental requirements	Yes	No	N/A
109	Plumbing riser	Yes	No	N/A
	Mechanical			
110	Energy calculations	Yes	No	N/A
111	Exhaust systems	Yes	No	N/A
112	Clothes dryer exhaust	Yes	No	N/A
113	Kitchen equipment exhaust	Yes	No	N/A
114	Specialty exhaust systems	Yes	No	N/A
	Equipment location			
115	Make-up air	Yes	No	N/A
116	Roof-mounted equipment	Yes	No	N/A
117	Duct systems	Yes	No	N/A
118	Ventilation	Yes	No	N/A
119	Laboratory	Yes	No	N/A
120	Combustion air	Yes	No	N/A
121	Chimneys, fireplaces and vents	Yes	No	N/A
122	Appliances	Yes	No	N/A
123	Boilers	Yes	No	N/A
124	Refrigeration	Yes	No	N/A
125	Bathroom ventilation	Yes	No	N/A

Items to Include-Each Box shall be Circled as Applicable				
Gas				
126	Gas piping	Yes	No	N/A
127	Venting	Yes	No	N/A
128	Combustion air	Yes	No	N/A
129	Chimneys and vents	Yes	No	N/A
130	Appliances	Yes	No	N/A
131	Type of gas	Yes	No	N/A
132	Fireplaces	Yes	No	N/A
133	LP tank location	Yes	No	N/A
134	Riser diagram/shutoffs	Yes	No	N/A
Notice of Commencement				
135	A recorded (in the Columbia County Clerk Office) notice of commencement is required to be on file with the building department . *Before Any Inspections Will Be Done*	Yes	No	N/A
Disclosure Statement for Owner Builders		Yes	No	N/A

Private Potable Water				
136	Horse power of pump motor	Yes	No	N/A
137	Capacity of pressure tank	Yes	No	N/A
138	Cycle stop valve if used	Yes	No	N/A

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

139	**Building Permit Application**	A current Building Permit Application form is to be completed and submitted for all construction projects.	Yes	No	N/A
140	**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	Yes	No	N/A
141	**Environmental Health Permit or Sewer Tap Approval**	A copy of an approved Environmental Health (386) 758-1058 waste water disposal permit or an approved City of Lake City(386) 752-2031 sewer tap is required before a building permit can be issued. SEE LETTER FROM LCRUA **Toilet facilities shall be provided for construction workers**	Yes	No	N/A
142	**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. Use or joint use of driveways will comply with Florida Department of Transportation specifications**. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	Yes	No	N/A
143	**Suwannee River Water Management District Approval**	All commercial projects must have an SRWMD permit issued or an exemption letter, before a building permit will be issued.	Yes	No	N/A

144	**Flood Management**	Any project located within a flood zone where the base flood elevation (100 year flood) **has been** established shall meet the requirements of section 8.5.2 of the Columbia County Land Development Regulations. Any project 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 8.5.3 of Columbia County Land Development Regulations. A development permit will also be required. **The development permit cost is $50.00**	Yes	No	N/A
145	**Flood Management**	A CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.	Yes	No	N/A
146	**911 Address**	If the project is located in an area where a 911 address has not been issued, then application for a 911address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	Yes	No	N/A

Section 105 of the Florida Building Code defines the:

Time limitation of application.

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

Permit intent.

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

If work has commenced.

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

Section 105 of the Florida Building Code defines the:

New Permit.

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

Work Shall Be:

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

The Fee:

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

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

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ Project Name: _____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masonite	6 Panel	FL 18
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic	Amarr	Garage Door Sectional	FL697
6. Other			
B. WINDOWS			
1. Single hung	BetterBuilt	Aluminum	FL663
2. Horizontal Slider	YKK AP	Vinyl	FL9965
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Kaycan	Vinyl	FL1139
2. Soffits	Kaycan	Vinyl	FL1146
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	Tamko		FL623
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Union Corrugating Metal Roof
Website: www.tlcpermits.org

FL12
Effective April 1, 2004

James Hardie Hardie Board
FL889.5

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 3/4/2009 **DATE ISSUED:** 3/6/2009

ENHANCED 9-1-1 ADDRESS:

1289 SW STATE ROAD 47

LAKE CITY FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

07-4S-17-08130-003

Remarks:

2ND LOCATION ON PARCEL, ADDRESS MUST BE POSTED ON BLDG AND AT ACCESS FROM SW STATE ROAD 47

Address Issued By: signed / RONAL N. CROFT

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

1392

Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056 Tel. (386) 755-3633 • Fax (386) 752-5456
4784 Rosselle Street • Jacksonville, FL 32254 Tel. (904) 381-8901 • Fax (904) 381-8902

March 26, 2009

Concept Construction, Inc.
295 NW Commons Loop Suite 115-391
Lake City, FL 32055

Attention: Mr. Brian S. Crawford, President

Subject: Proposal for Geotechnical Exploration
Proposed Faisal Medical Building
Lake City, Columbia County, Florida

Mr. Crawford:

Cal-Tech Testing, Inc. (**CTI**) is pleased to submit this proposal to provide a geotechnical exploration for the proposed Faisal Medical Building. The proposed project is located about 350' east of SR 47, approximately 1,100 feet south of Michigan Street in Lake City, Columbia County, Florida. Included in this proposal is our understanding of the project, our proposed scope of services, fee quotation, schedule, and authorization procedures.

PROJECT INFORMATION

We have been furnished with Site Plan prepared by Crews Engineering Services, LLC of Lake City, Florida last revised December 17, 2008. Based on our review of this drawing and our telephone conversation with you, we understand the proposed project will consist of constructing a new medical office with associated parking and drive areas. We understand the building will be a one-story, ±9,075 SF structure. Based on our experience with similar construction, we anticipate the proposed facility will have maximum column and wall loads on the order of 100 kips and 3 to 4 kips per linear foot, respectively. We assume that nominal cuts and fills (less than 3 feet) will be required to achieve final site grades.

SCOPE OF SERVICES

For the evaluation of the subsurface conditions at the subject site, we propose drilling a total of four (4) Standard Penetration Test (SPT) borings. The borings will be located at or near the proposed building corners and extend 15 feet below the existing ground surface.

Depending on the results of our visual classification of the site soils, we may conduct laboratory tests on representative soil samples we obtain during the drilling operations. These tests will help us estimate the bearing and settlement characteristics of the subsurface soils on the basis of empirical correlations and our prior experience. A Florida licensed geotechnical engineer will direct and supervise our services. Upon completion, a report that describes our exploration and recommendations will be provided. This report will include the following:

1. A brief review of our test procedures and the results of the field and laboratory tests (if any);
2. Graphical representation of the subsurface conditions including standard penetration resistance data and at completion groundwater levels;
3. A review of surface features and site conditions that may affect foundation construction and site preparation;
4. A general evaluation of the site considering the proposed project and encountered subsurface conditions;
5. General design and construction criteria for the anticipated shallow foundations, including an allowable bearing pressure, minimum footing widths, and a minimum footing embedment depth;
6. Recommendations for site preparation and construction of compacted fills or backfills.

Drainage and pavement related analysis and design is beyond the scope of services as descried in this proposal. Our work will be performed in general accordance with applicable ASTM standards. At the completion of drilling, we will transport the samples to our laboratory where they will be examined by a geotechnical engineer and visually classified in general accordance with the Unified Soil Classification System. Then samples may be selected for laboratory testing, these tests will be conducted in general accordance with ASTM or other widely accepted standards.

ESTIMATED FEE

CTI will perform the proposed scope of services for a lump sum fee of **$1,500.00.** Our fee quotation assumes the site is accessible for our personnel and equipment. Compensation for any additional services you request will be based upon the actual time expended. A single invoice will be submitted on the charges incurred at the completion of the services outlined in this proposal.

Schedule

Based upon our present work load, we can begin our site activities within 3 working days of receipt of a written authorization. We anticipate our fieldwork to encompass one day. Our report should be issued within 10 days (or less) of completion of the field activities. Verbal recommendation may be available with 2 days of completion of our field work.

Authorization

If this proposal is acceptable, and to authorize us to proceed with the proposed services, please sign below and return to our office.

Closing

CTI appreciates the opportunity to provide this proposal and we look forward to serving you on this and future projects. Should you have any questions concerning this proposal or the services proposed, please do not hesitate to contact me at (386) 755-3633.

Sincerely,
Cal-Tech Testing, Inc.

for Brise D. Hmeidy

Nabil O. Hmeidi, P.E.
Senior Geotechnical Engineer

Proposal for Geotechnical Exploration Faisal Medical Building Lake City, Columbia County, Florida
Name of Concept Construction, Inc. Representative (Print) Brian S. Crawford Date 3-27-09
Title: President
Concept Construction, Inc. Representative's Signature

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:
FAISAL LTD PARTNERSHIP
PO BOX 3009
LAKE CITY, FL 32056

PERMIT NUMBER: ERP96-0305M
DATE ISSUED: 12/10/2008
DATE EXPIRES: 12/10/2011
COUNTY: COLUMBIA
TRS: S7/T4S/R17E

PROJECT: FAISAL MEDICAL BUILDING MODIFICATION

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

MOHAMMAD A. FAISAL
FAISAL LTD PARTNERSHIP
PO BOX 3009
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:

Previous permit issued for 2.05 acres of impervious surface on 4.10 acres. Modification consists of construction and operation of a surfacewater management system serving 2.37 acres of impervious surface on a total project area of 4.10 acres in a manner consistent with the application package submitted by Crews Engineering Services, LLC, certified on December 1, 2008.

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 12/10/08
District Staff

_____ _____
Clerk Executive Director

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:

FAISAL LTD PARTNERSHIP
PO BOX 3009
LAKE CITY, FL 32056

At 4:00 p.m. this 12 day of Dec, 2008

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: ERP96-0305M

Brett Crews

From: Cray, Dale [Dale.Cray@dot.state.fl.us]
Sent: Tuesday, February 17, 2009 4:51 PM
To: Miles, Neil; Brett Crews
Cc: Johnson, Jefferson
Subject: RE: Faisal Medical Building: Joint Use Driveway, SR 47 South

Brett, upon review of the existing commercial driveway , for the above proposed project it will meet FDOT standards. If any question please call.

From: Miles, Neil
Sent: Tuesday, February 17, 2009 4:33 PM
To: Cray, Dale
Subject: FW: Faisal Medical Building: Joint Use Driveway, SR 47 South

Dale:

This is the one!

Neil

From: Brett Crews [mailto:brett@crewsengineeringservices.com]
Sent: Tuesday, February 17, 2009 10:55 AM
To: Miles, Neil
Subject: Faisal Medical Building: Joint Use Driveway, SR 47 South

Neil,

Here is the proposed site plan for Faisal Medical Building. We have received Site Plan Approval from the County and an ERP from SRWMD.

As discussed, we do not want any issues to come up with the building permit since they will most likely notify FDOT when this one comes through building and zoning.

Please review and let me know of any issues the Department may have with the proposed driveway use.

In the future I will be sure to contact the Department earlier in the design process.

Thanks for your help.

Brett A. Crews, P.E.
Crews Engineering Services, LLC
P.O. Box 970
Lake City, FL 32056
Phone: 386.754.4085

City Of Lake City

205 North Marion Avenue, Lake City Florida, 32055-3918
Telephone 386.719.5758
Fax 386.719.2607

January 23, 2009

Dr Mohammad Faisal
P.O. Box 3009
Lake City, Fl 32026

RE: Faisal Medical Building

Dear Dr. Faisal:

This letter is in response to your request to annex a 2.44 acre parcel (Parcel ID: 07-4S-17-08-30-000) into the city limits of incorporation in exchange for Waste Water capacity. Capacity will be granted in exchange for the voluntary annexation of Parcel 07-4S-17-0830-000 located @ the intersection of SR 47 & SW Michigan Ave. Once the annexation is complete, you will then pay the "INSIDE" rates for all utilities as outlined on your application. Also, in the body of your letter you requested that we (City of Lake City) provide services by March 1, 2009. After speaking with Mr. Richard Lee Distribution & Collections Director, he has informed me that you are currently operating a private lift station therefore rates would not apply. As for your water needs, Mr. Lee advised me that water is available in front of the proposed development and would not present a problem for connectivity as long as the connect point was not extreme in distance. I have included my contact information at the bottom of this letter in the event you have additional questions or concerns.

If I can be of any further assistance, please do not hesitate to contact me.

Respectfully,

Nick Harwell

Nick Harwell
Strategic Planning & Marketing Director
Office 386.719.5758
Fax 386.719.2607
E-mail harwelln@lcfla.com

Greater Lake City Regional Utility Authority

205 North Marion Avenue
LAKE CITY, FLORIDA 32055-3918
TELEPHONE: 386.719.5778 FAX: 386.719.5837
E-mail: customer.service@ci.lake-city.fl.us

APPLICATION FOR WATER /SEWER/GAS TAP-CAPACITY COMMITMENT

Project Name: Faisal Medical Bldg. Date/Time: _____

Service Address: _____

Applicant Name: Mohammad A. Faisal Telephone Number: (386)758-5985

Applicant's Agent: Brett A. Crews Telephone Number: (386)754-4085

Business Name: Crews Engineering Svcs, LLC Telephone Number: (386)754-4085
Parcel ID #'s: 07-4S-17-08130-003
Mailing Address: PO Box 3009 Lake City, FL 32056

Requested Water Capacity: ☐No ☑Yes, in the amount of_____gpd/gph
Requested Sewer Capacity: ☐No ☑Yes, in the amount of_____gpd/gph
Requested Gas Capacity: ☑No ☐Yes, in the amount of_____btu/unit

Application For: ☐Water/Tap Size_____ ☐Sewer/Tap Size _____
☐Irrigation/Tap Size_____ ☐Gas/Tap Size _____

Meter Size /Quantity: ☐3/4" ☐1" ☐1/1/2" ☐2" ☐6" ☐Other Specify____

Within City limits: ☐Yes ☑No

Fire Protection: ☐No ☐Yes, Diameter of new mainline_
Quantity of new Hydrants: _____

Growth Management Zoned:_____☐Residential ☑Commercial ☐Industrial

The above named applicant request that an inspection be made by the Greater Lake City Regional Utility Authority for verification of available services based on address, parcel numbers, lot numbers, etc. Upon confirmation of both capacity and or availability, the applicant will be notified and provided a "Cost Estimate/Tap & Impact Fees" summary.

NOTE: This is only an estimate, fees are subject to change.

Applicant: M. A. Faisal **Date:** 9/25/08

****Service Available Date Requested**** **Date:** _____

Billing will begin upon completion of tap.

FILE
DF

Application for Site and Development Plan
Approval by Planning and Zoning Board

ACTIONS BY APPLICATION ON PROPERTY

A previous site and development plan application:
_____ was made with respect to these premises, Application No._____
_____ was not made with respect to these premises.

I (we) hereby certify that all of the above statements and the statements contained in any papers or plans submitted herewith are true and correct to the best of my (our) knowledge and belief.

If titleholder(s) are represented by an agent, a letter of such designation from the titleholder(s) addressed to the county's Building and Zoning Coordinator must be attached.

Mohammad A. Faisal, MD
Applicant Name (Type or Print)

Applicant Signature

9/25/08
Date

APPLICANT ACKNOWLEDGES THAT EITHER APPLICANT OR RESPRESENTATIVE MUST BE PRESENT AT THE PUBLIC HEARINGS BEFORE THE BOARD, OTHERWISE THE REQUEST WILL NOT BE CONSIDERED (UNLESS APPLICANT'S APPEARANCE IS PREVIOUSLY WAIVED BY STAFF).

FOR OFFICE USE ONLY

Date Filed: _____
Site and Development Plan Application No._____
Fee Amount: _____Receipt No.:_____
Planning and Zoning Board Decision: _____
(Granted, Denied, Etc.)
Date of Action of Planning and Zoning Board: _____

Mr. Brian Kepner
Land Development Regulations Administrator
Columbia County Building and Zoning
135 NE Hernando Ave.
Lake City, FL 32055

Mr. Kepner,

I Mohammad A. Faisal, managing member of Faisal Family LTD Partnership, owner of Parcel # 07-4S-17-08130-003 in Columbia County, Florida, do herby give authorization to Brett A. Crews of Crews Engineering Services, LLC to act as agent on my behalf in matters concerning permitting the construction and development of said property.

Sincerely,

Mohammad A. Faisal, M.D.

Greater Lake City Regional Utility Authority

205 North Marion Avenue
LAKE CITY, FLORIDA 32055-3918
TELEPHONE: 386.719.5778 FAX: 386.719.5837
E-mail: customer.service@ci.lake-city.fl.us

OFFICE USE ONLY:

Wastewater Capacity Available ☐Yes ☐No **Collections/Distribution Available** ☐Yes ☐No

Director _____ **Director** _____

Date _____ **Date** _____

Water Capacity Available ☐Yes☐No **Natural Gas Available** ☐Yes ☐No

Director _____ **Director** _____

Date _____ **Date** _____

The Greater Lake City Regional Utility Authority has reviewed the applicants request for availability/reserved capacity. Upon this evaluation service connection has been

☐Accepted
☐Declined due to

_____

Capacity Analysis

Water – ERU _____

Wastewater – ERU _____

Greater Lake City Regional Utility Authority - Customer Service

Application Fee Paid **Application Number:** _____

Amount: $_____.____ **Check #**_____ **Type of Establishment**_____

Additional Information:

_____

Tap and Impact

Representative_____

Date _____

Attn: Lake City Regional Utility Authority
205 North Marion Avenue
Lake City, FL 32055

I am proposing to develop the remaining portion of property located on SR 47 where my current office is located. This proposed development consists of a 9075 sf medical building, and associated parking. This project (Faisal Medical Building) is being permitted through Columbia County, Suwannee River Water Management District and Lake City Regional Utility Authority.

As discussed, the following is proposed to allow for water and sewer capacity allocation to Faisal Medical Building.

In exchange for receiving Water and Sewer Capacity for Faisal Medical Building, I am prepared to voluntarily annex into the City Limits a 2.44 acre parcel (Parcel ID: 07-4S-17-08130-000) located at the intersection of SR 47 and SW Michigan Ave owned by Faisal Family Ltd Partnership.

I am requesting a commitment from the LCRUA that water and sewer capacity will be granted even if the annexation is still in process. This is so the permitting process will not be held up and construction can commence. You have my commitment this annexation will be completed as soon as possible and all paperwork will be submitted to the City immediately.

You will also have my commitment that the 2.04 acre parcel where Faisal Medical Building and my current office are located (Parcel ID: 07-4S-17-08130-003) will be annexed into the City whenever possible in the future. This property is not contiguous to the city limits at this time.

As a result of annexing my property into the LCRUA my property taxes will increase. Therefore, as part of my annexation will require the city to guarantee that I pay the "in city" rate for water and wastewater as well as tap and impact.

Time is of the essence for this project so it is imperative that LCRUA agrees to provide water and sewer by March 1, 2009. I understand that payment will be required prior to scheduling the tap of water and sewer and I agree to pay tap and impact fees no later than January 10, 2009 if an agreement is made.

Upon receiving a letter of commitment from the LCRUA in agreement to the terms of this letter the terms of this letter shall become binding on both parties. My commitment is expressly contingent on LCRUA's agreement with the terms of this letter.

Please contact me should you have any questions or would like to discuss this further.

I look forward to hearing from you.

M. A. Faisal

Dr. Mohammad A. Faisal

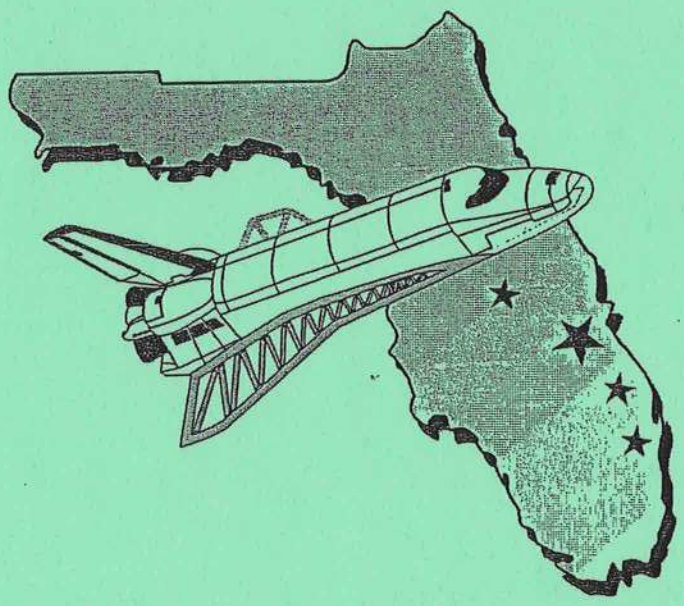
POSTED
Dr Faisal

SPACE COAST TRUSS INC.

ROOF AND FLOOR SYSTEMS

Main Office:201 Paint Street Rockledge Florida, 32955

Phone: 321-632-7511 Fax: 321-638-8800



PERMITTING	SHIPPING	FRAMER	INSPECTION	FILE
X				

Engineering Job #: CAR-22998 Date: 4-16-9

SPACE COAST TRUSS, INC
201 Paint Street, Rockledge, FL 32955
321-633-7511 ~ 321-633-7544 Fax

April 16, 2009

84 Lumber Lake City #1314
1824 W US Highway 90
Lake City, FL 32055
Phone 386-752-7184
Fax 386-758-9656

Occupancy Group:	Commercial building
Occupancy Category:	II
Exposure Category:	B
Wind Speed:	100
Enclosure Classification:	Enclosed

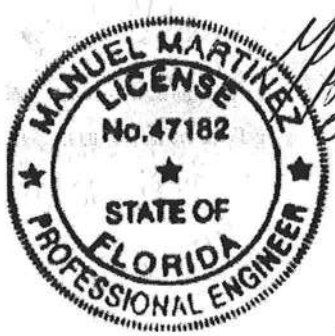
Subject	Truss Engineering Specifications
Job #	CAR 22998
Model	Medical Office
Lot/Block/Section	
Address	1283 SW State Road 47 Lake City, FL 32055 Columbia County

Index of attached:

1. Truss Placement Diagram with Truss to Truss Connector Schedule (if applicable)
2. Reaction Summary (index of attached drawings & loads on structure.)
3. Engineering Summary Sheet for each truss
4. Standard Details (if applicable)

This cover sheet will serve as a blanket certification for all the attached items under Rule 61G15-31.003 of the Florida Department of Professional Regulation using design criteria from FBC 2007 Edition. I certify that all Space Coast Truss, Inc.'s truss specifications are designed for wind pressures using wind load calculations from ASCE 7-05 which has been adopted by FBC 2007 Edition. The items are enclosed in a sealed binder which inhibits tampering. If this truss placement diagram is mirrored for alternate garage right/left swing, these truss specifications will remain unchanged. Mitek is the computer program used for engineering these trusses.

Should you have any questions concerning this engineering, please do not hesitate to contact us at 321-633-7511. Please have the job number available and request to speak to the truss designer whose name is indicated at the bottom of your truss placement diagram so that we may better serve you.



04-16-09

Truss Design Engineer
Manuel Martinez, PE
Florida License #47182

Architect of Record:
Name: *Nicholas Paul Geisler*
License #: *AR0007005*
Address:
1756 Brown Rd

Lake City , Florida 32005
☐ *Reviewed per Rule 61G15-30.006(3)*

ace Coast Truss Inc.
) Cox Rd.
coa, Fl 32926
ne: 321-633-7511 Fax: 321-633-7544

ject: Block No:
del: Lot No:

tact: Site: Office:
ne:
ne:
:
tative Delivery Date:

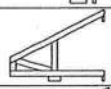
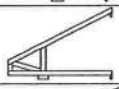
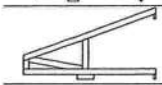
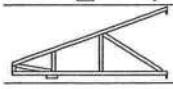
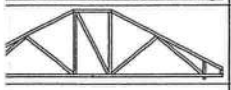
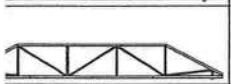
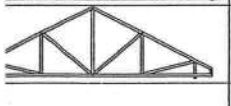
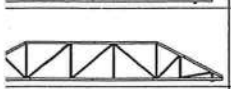
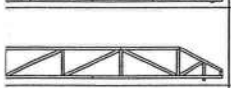
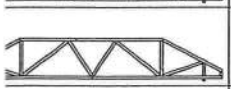
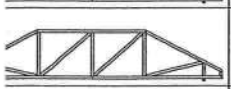
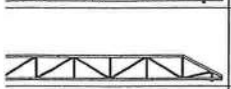
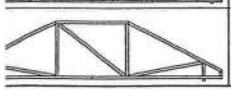
To:
84 Lumber Store #1314
Dr.Faisal Office

Deliver To:

Reaction Summary

Job Number:
Page: 1
Date: 04-15-2009 - 7:59:55 AM
Project ID: 22998

Account No:
Designer: SEE LAYOUT
Salesperson:
Quote Number:

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope:	Reactions:		
	31	**AT1** 551 lbs. each	**59 - 4 - 0** 2X6/2X6	ROOF TRUSS 8 Rows Lat Brace	12 - 0 - 0 **6.00** 0.00	Joint 48 4265 lbs. -143 lbs.	Joint 24 4265 lbs. -143 lbs.	
	15	**AT1A** 541 lbs. each	**59 - 4 - 0** 2X6/2X6	ROOF TRUSS 8 Rows Lat Brace	12 - 0 - 0 **6.00** 0.00	Joint 45 4276 lbs. -143 lbs.	Joint 22 4088 lbs. -59 lbs.	
	4	(2) 2-Ply **AT1AG** 548 lbs. each	**59 - 4 - 0** 2X6/2X6	ROOF TRUSS 3 Rows Lat Brace	12 - 0 - 0 **6.00** 0.00	Joint 46 **5247 lbs.** -347 lbs.	Joint 22 **10958 lbs.** -1481 lbs.	
	6	(2) 3-Ply **AT1GR** 551 lbs. each	**59 - 4 - 0** 2X6/2X6	ROOF TRUSS	12 - 0 - 0 **6.00** 0.00	Joint 49 **10948 lbs.** -122 lbs.	Joint 25 **8808 lbs.** -281 lbs.	
	12	**BJ1** 4 lbs. each	**1 - 0 - 0**	MONO TRUSS	1 - 6 - 0 **6.00** 0.00	Joint 4 33 lbs. -5 lbs.	Joint 2 24 lbs. -26 lbs.	Joint 3 16 lbs. -17 lbs.
	12	**BJ3** 15 lbs. each	**3 - 0 - 0**	MONO TRUSS	2 - 6 - 0 **6.00** 0.00	Joint 5 502 lbs. -104 lbs.	Joint 3 5 lbs. -135 lbs.	Joint 4 13 lbs. -146 lbs.
	8	**BJ5** 22 lbs. each	**5 - 0 - 0**	MONO TRUSS	3 - 6 - 0 **6.00** 0.00	Joint 5 350 lbs. -73 lbs.	Joint 3 38 lbs. -57 lbs.	Joint 4 21 lbs. -9 lbs.
	8	**BJ7** 28 lbs. each	**7 - 0 - 0**	MONO TRUSS	4 - 6 - 0 **6.00** 0.00	Joint 5 399 lbs. -76 lbs.	Joint 3 109 lbs. -94 lbs.	Joint 4 72 lbs.
	2	**CJ3** 28 lbs. each	**7 - 0 - 2**	MONO TRUSS	3 - 5 - 12 **4.24** 0.00	Joint 5 289 lbs. -132 lbs.	Joint 3 139 lbs. -98 lbs.	Joint 4 67 lbs. -32 lbs.
	4	**CJ9** 59 lbs. each	**12 - 8 - 0**	MONO TRUSS	5 - 5 - 12 **4.24** 0.00	Joint 8 705 lbs. -128 lbs.	Joint 4 422 lbs. -239 lbs.	Joint 5 450 lbs. -93 lbs.
	2	**H111** 418 lbs. each	**59 - 4 - 0** 2X6/2X6	HIP 2 Rows Lat Brace	6 - 6 - 0 **6.00** 0.00	Joint 21 2361 lbs. -362 lbs.	Joint 13 2361 lbs. -362 lbs.	
	1	**H112** 174 lbs. each	**30 - 4 - 0**	HIP 3 Rows Lat Brace	7 - 6 - 0 **6.00** 0.00	Joint 14 1201 lbs. -524 lbs.	Joint 10 1201 lbs. -524 lbs.	
	2	**H131** 416 lbs. each	**59 - 4 - 0** 2X6/2X6	HIP 4 Rows Lat Brace	7 - 6 - 0 **6.00** 0.00	Joint 20 2361 lbs. -371 lbs.	Joint 12 2361 lbs. -371 lbs.	
	1	**H132** 171 lbs. each	**30 - 4 - 0**	COMMON	8 - 6 - 0 **6.00** 0.00	Joint 13 1201 lbs. -264 lbs.	Joint 9 1201 lbs. -264 lbs.	
	2	**H151** 446 lbs. each	**59 - 4 - 0** 2X6/2X6	HIP 3 Rows Lat Brace	8 - 6 - 0 **6.00** 0.00	Joint 25 2361 lbs. -388 lbs.	Joint 15 2361 lbs. -388 lbs.	
	1	**H32** 156 lbs. each	**30 - 4 - 0**	HIP 2 Rows Lat Brace	3 - 6 - 0 **6.00** 0.00	Joint 16 1375 lbs. -522 lbs.	Joint 10 1375 lbs. -522 lbs.	
	1	**H52** 158 lbs. each	**30 - 4 - 0**	HIP	4 - 6 - 0 **6.00** 0.00	Joint 15 1201 lbs. -483 lbs.	Joint 11 1201 lbs. -483 lbs.	
	1	**H72** 164 lbs. each	**30 - 4 - 0**	HIP	5 - 6 - 0 **6.00** 0.00	Joint 13 1201 lbs. -499 lbs.	Joint 9 1201 lbs. -499 lbs.	
	4	(2) 2-Ply **H91** 416 lbs. each	**59 - 4 - 0** 2X6/2X6	HIP 2 Rows Lat Brace	5 - 6 - 0 **6.00** 0.00	Joint 24 4822 lbs. -1223 lbs.	Joint 14 4822 lbs. -1223 lbs.	
	1	**H92** 158 lbs. each	**30 - 4 - 0**	HIP 1 Row Lat Brace	6 - 6 - 0 **6.00** 0.00	Joint 12 1201 lbs. -512 lbs.	Joint 8 1201 lbs. -512 lbs.	

Space Coast Truss Inc.
900 Cox Rd.
Cocoa, Fl 32926
Phone: 321-633-7511 Fax: 321-633-7544

Project:
Model:
Block No:
Lot No:

Contact: | Site: | Office:
Name:
Phone:
Fax:

Tentative Delivery Date:

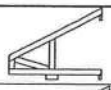
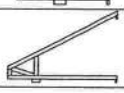
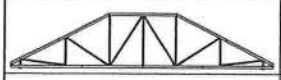
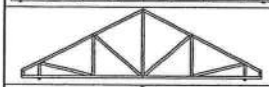
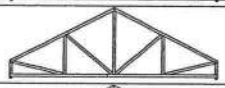
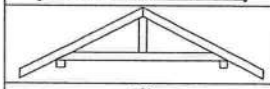
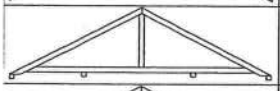
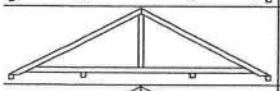
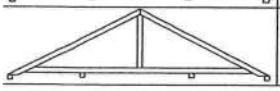
To:
84 Lumber Store #1314
Dr.Faisal Office

Deliver To:

Reaction Summary

Job Number:
Page: 2
Date: 04-15-2009 - 7:59:55 AM
Project ID: 22998

Account No:
Designer: SEE LAYOUT
Salesperson:
Quote Number:

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope:	Reactions:			
	11	**J5** 22 lbs. each	**5 - 0 - 0**	MONO TRUSS	3 - 6 - 0 **6.00** 0.00	Joint 5 350 lbs. -100 lbs.	Joint 3 38 lbs. -58 lbs.	Joint 4 21 lbs. -34 lbs.	
	44	**J9** 34 lbs. each	**9 - 0 - 0**	MONO TRUSS	5 - 6 - 0 **6.00** 0.00	Joint 5 467 lbs. -83 lbs.	Joint 3 170 lbs. -128 lbs.	Joint 4 115 lbs.	
	18	**T1** 464 lbs. each	**59 - 4 - 0** 2X6/2X6	HIP 4 Rows Lat Brace	12 - 0 - 0 **6.00** 0.00	Joint 21 2361 lbs. -438 lbs.	Joint 13 2361 lbs. -438 lbs.		
	2	**T1GE** 541 lbs. each	**59 - 4 - 0** 2X6/2X6	HIP 4 Rows Lat Brace	12 - 0 - 0 **6.00** 0.00	Joint 25 2361 lbs. -445 lbs.	Joint 17 2361 lbs. -445 lbs.		
	1	**T2** 171 lbs. each	**30 - 4 - 0**	COMMON	8 - 7 - 0 **6.00** 0.00	Joint 13 1201 lbs. -264 lbs.	Joint 9 1201 lbs. -264 lbs.		
	1	**T2A** 157 lbs. each	**26 - 4 - 0**	COMMON	8 - 7 - 0 **6.00** 0.00	Joint 11 1041 lbs. -184 lbs.	Joint 6 1041 lbs. -184 lbs.		
	7	**T3** 26 lbs. each	**6 - 3 - 8**	COMMON	2 - 6 - 13 **6.00** 0.00	Joint 2 328 lbs. -117 lbs.	Joint 4 328 lbs. -117 lbs.		
	1	**T3GE** 27 lbs. each	**6 - 3 - 8**	COMMON	2 - 2 - 14 **6.00** 0.00	Joint 2 328 lbs. -118 lbs.	Joint 6 328 lbs. -118 lbs.		
	64	**TH1** 50 lbs. each	**15 - 4 - 0**	PIGGYBACK	3 - 10 - 0 **6.00** 0.00	Joint 1 264 lbs. -54 lbs.	Joint 8 331 lbs. -65 lbs.	Joint 6 334 lbs. -57 lbs.	Joint 5 276 lbs. -63 lbs.
	6	(2) 3-Ply **TH2** 50 lbs. each	**15 - 4 - 0**	PIGGYBACK	3 - 10 - 0 **6.00** 0.00	Joint 1 264 lbs. -54 lbs.	Joint 8 331 lbs. -65 lbs.	Joint 6 334 lbs. -57 lbs.	Joint 5 276 lbs. -63 lbs.
	2	**TH3** 47 lbs. each	**13 - 3 - 6**	GABLE	3 - 3 - 14 **6.00** 0.00	Joint 1 207 lbs. -43 lbs.	Joint 8 313 lbs. -62 lbs.	Joint 6 313 lbs. -54 lbs.	Joint 5 207 lbs. -50 lbs.
	4	(2) 2-Ply **TH4** 50 lbs. each	**15 - 4 - 0**	PIGGYBACK	3 - 10 - 0 **6.00** 0.00	Joint 1 264 lbs. -54 lbs.	Joint 8 331 lbs. -65 lbs.	Joint 6 334 lbs. -57 lbs.	Joint 5 276 lbs. -63 lbs.

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
2998	AT1	ROOF TRUSS	31	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:49:46 2009 Page 1

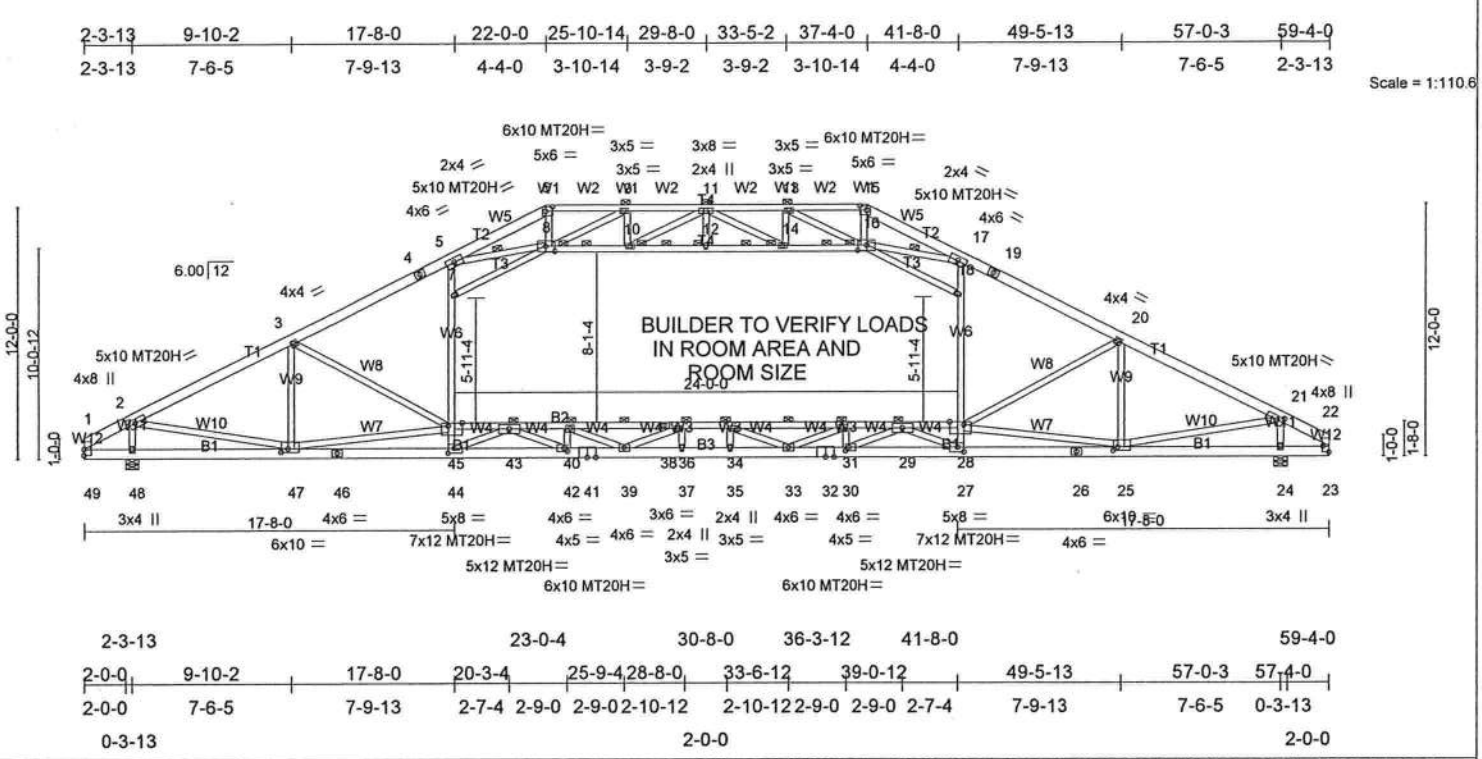


Plate Offsets (X,Y): [2:0-3-8,0-2-4], [6:0-4-0,0-2-8], [8:0-5-4,0-3-0], [15:0-4-0,0-2-8], [16:0-5-4,0-3-0], [21:0-3-8,0-2-4], [22:Edge,0-3-8], [25:0-2-12,0-2-0], [27:0-3-8,0-2-12], [28:0-8-0,Edge], [30:0-2-0,0-2-0], [42:0-2-0,0-2-0], [44:0-3-8,0-2-12], [45:0-8-0,Edge], [47:0-3-12,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.66	Vert(LL)	-0.97 36-40	>679	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-1.53 36-40	>428	240	MT20H	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.92	Horz(TL)	0.19 24	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.14 42-44	>999	180	Weight: 552 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.2 *Except*
T4: 2 X 4 SYP No.2, T3: 2 X 4 SYP No.3
BOT CHORD 2 X 6 SYP SS *Except*
B2,B4: 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3 *Except*
W6,W4,W5,W10,W7: 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 2-3-11 oc purlins, except end verticals, and 4-0-0 oc purlins (5-6-4 max.): 6-15, 7-8, 16-18, 8-16. Except:
1 Row at midpt 8-10, 10-12, 12-14, 14-16
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 44-47,25-27.
3-0-0 oc bracing: 34-36
3-4-0 oc bracing: 36-40, 31-34
4-7-0 oc bracing: 40-43, 29-31
10-0-0 oc bracing: 43-45, 28-29
WEBS 1 Row at midpt 5-8, 16-17
JOINTS 1 Brace at Jt(s): 36, 34, 40, 43, 8, 16, 12, 10, 14, 31, 29

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 48=4265/0-7-10, 24=4265/0-7-10
Max Horz 48=153(LC 5)
Max Uplift48=-142(LC 6), 24=-142(LC 7)

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

TOP CHORD 1-2=-352/8, 2-3=-5952/370, 3-4=-7263/267, 4-5=-7098/281, 5-6=-626/551, 6-9=-537/498, 9-11=-1209/738, 11-13=-1209/739, 13-15=-537/498, 15-17=-626/552, 17-19=-7098/281, 19-20=-7263/267, 20-21=-5952/370, 21-22=-352/5, 8-10=-5232/0, 10-12=-4913/0, 12-14=-4913/0, 14-16=-5232/0

BOT CHORD 48-49=0/339, 47-48=-126/339, 46-47=-675/1906, 44-46=-675/1906, 42-44=-69/5419, 41-42=0/7897, 39-41=0/7897, 37-39=0/10247, 35-37=0/10247, 33-35=0/10247, 32-33=0/7897, 30-32=0/7897, 27-30=0/5419, 26-27=-591/1906, 25-26=-591/1906, 24-25=0/339, 23-24=0/339, 43-45=0/6223, 40-43=-1921/0, 38-40=-3259/0, 36-38=-3259/0, 34-36=-4272/0, 31-34=-3259/0, 29-31=-1921/0, 28-29=0/6223

WEBS 44-45=0/2341, 7-45=0/2195, 5-7=0/2218, 27-28=0/2341, 18-28=0/2195, 17-18=0/2218, 2-48=-3949/438, 21-24=-3949/438, 40-42=-1545/0, 42-43=0/3166, 6-8=-312/0, 15-16=-312/0, 8-9=-907/331, 10-11=-413/113, 13-16=-907/331, 11-14=-413/113, 30-31=-1545/0, 5-8=-6043/0, 16-17=-6043/0, 3-47=-1708/88, 2-47=-206/5008, 39-40=0/2020, 31-33=0/2020, 3-45=0/1652, 20-25=-1708/88, 20-28=0/1652, 21-25=-206/5008, 45-47=0/4694, 43-44=-4548/0, 27-29=-4548/0, 36-39=-1490/0, 33-34=-1490/0, 25-28=0/4694, 29-30=0/3166

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Ceiling dead load (5.0 psf) on member(s). 5-6, 6-9, 9-11, 11-13, 13-15, 15-17; Wall dead load (5.0psf) on member(s).7-45, 5-7, 18-28, 17-18
7) Bottom chord live load (60.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 43-45, 40-43, 36-40, 34-36, 31-34, 29-31, 28-29
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 142 lb uplift at joint 48 and 142 lb uplift at joint 24.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
10) Attic room checked for L/360 deflection.

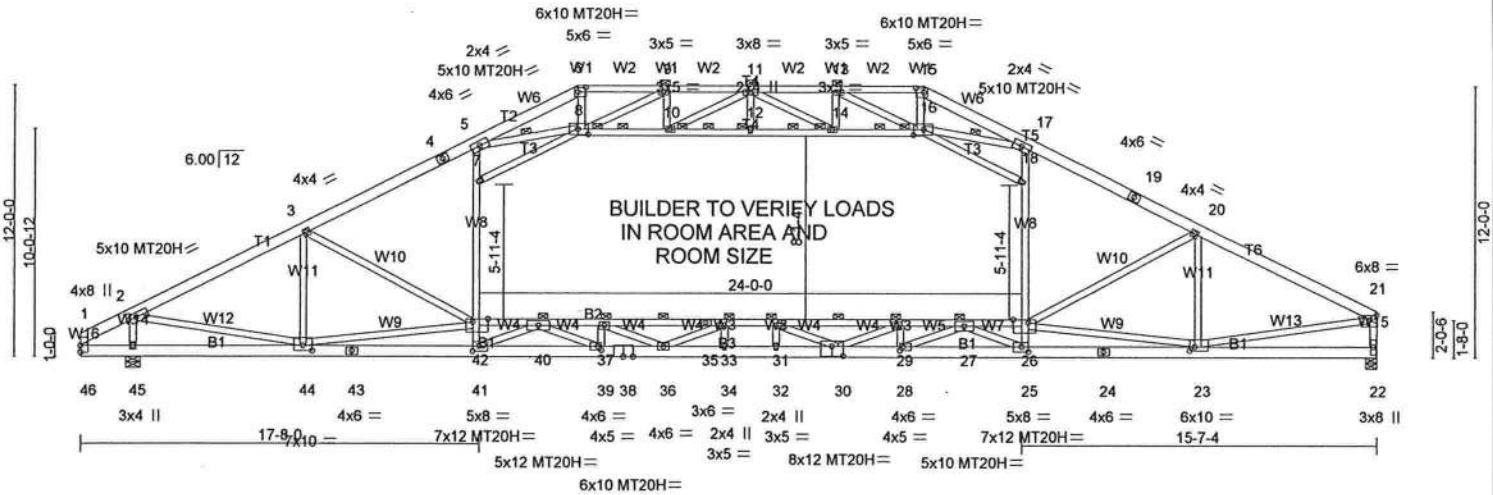
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	AT1A	ROOF TRUSS	15	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:49:58 2009 Page 1

9-10-2	17-8-0	22-0-0	25-10-14	29-8-0	33-5-2	37-4-0	41-8-0	49-5-13	57-3-4
9-10-2	7-9-13	4-4-0	3-10-14	3-9-2	3-9-2	3-10-14	4-4-0	7-9-13	7-9-7

Scale = 1:102.



2-3-13	29-8-0	33-6-12	39-1-10

2-0-0	9-10-2	17-8-0	20-3-4	23-0-4	25-9-4	28-8-0	30-8-0	36-3-12	41-8-0	49-5-13	57-3-4
2-0-0	7-6-5	7-9-13	2-7-4	2-9-0	2-9-0	2-10-12	1-0-0	2-9-0	2-9-14	2-6-6	7-9-13	7-9-7
0-3-13						1-0-0	2-10-12					

Plate Offsets (X,Y): [2:0-3-8,0-2-4], [6:0-4-0,0-2-8], [8:0-5-4,0-3-0], [15:0-4-0,0-2-8], [16:0-5-4,0-3-0], [21:Edge,0-2-8], [23:0-2-12,0-2-0], [25:0-3-8,0-2-12], [26:0-8-0,Edge], [28:0-2-0,0-2-0], [30:0-6-0,0-5-0], [39:0-2-0,0-2-0], [41:0-3-8,0-2-12], [42:0-8-4,Edge], [44:0-5-0,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.84	Vert(LL)	-0.98	29-31	>674	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.91	Vert(TL)	-1.55	29-31	>424	240	MT20H	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	1.00	Horz(TL)	0.19	22	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.15	25-28	>999	180	Weight: 541 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2 *Except*
T4: 2 X 4 SYP No.2, T3: 2 X 4 SYP No.3
BOT CHORD 2 X 6 SYP SS *Except*
B2,B4: 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3 *Except*
W8,W15,W4,W5,W6,W12,W13,W9: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-3-11 oc purlins, except end verticals, and 4-0-0 oc purlins (5-6-5 max.): 6-15, 7-8, 16-18, 8-16. Except:
1 Row at midpt 8-10, 10-12, 12-14, 14-16
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 41-44,23-25
2-2-0 oc bracing: 32-34.
3-0-0 oc bracing: 31-33
3-3-0 oc bracing: 29-31
3-4-0 oc bracing: 33-37
4-6-0 oc bracing: 27-29
4-7-0 oc bracing: 37-40
10-0-0 oc bracing: 40-42, 26-27
WEBS 1 Row at midpt 5-8, 16-17
JOINTS 1 Brace at Jt(s): 33, 31, 37, 40, 8, 16, 12, 10, 14, 29, 27

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 22=4088/0-6-0, 45=4277/0-7-10
Max Horz 45=181(LC 5)
Max Uplift22=-58(LC 7), 45=-142(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-353/8, 2-3=-5969/374, 3-4=-7299/276, 4-5=-7134/290, 5-6=-617/552, 6-9=-528/498, 9-11=-1202/739, 11-13=-1206/740, 13-15=-539/499, 15-17=-627/553, 17-19=-7184/292, 19-20=-7305/266, 20-21=-6069/394, 21-22=-3943/320, 8-10=-5274/0, 10-12=-4953/0, 12-14=-4953/0, 14-16=-5269/0
BOT CHORD 45-46=0/341, 44-45=-153/341, 43-44=-681/1857, 41-43=-681/1857, 39-41=-75/5388, 38-39=0/7879, 36-38=0/7879, 34-36=0/10276, 32-34=0/10276, 30-32=0/10276, 28-30=0/7973, 25-28=-20/5440, 24-25=-619/2028, 23-24=-619/2028, 22-23=-54/460, 40-42=0/6323, 37-40=-1877/0, 35-37=-3233/0, 33-35=-3233/0, 31-33=-4268/0, 29-31=-3286/0, 27-29=-1963/0, 26-27=0/6152
WEBS 41-42=0/2357, 7-42=0/2208, 5-7=0/2234, 25-26=0/2338, 18-26=0/2209, 17-18=0/2230, 2-45=-3960/440, 37-39=-1555/0, 39-40=0/3184, 6-8=-315/0, 15-16=-314/0, 8-9=-911/331, 10-11=-417/113, 13-16=-905/330, 11-14=-412/113, 28-29=-1545/0, 27-28=0/3227, 5-8=-6085/0, 16-17=-6082/0, 3-44=-1725/93, 2-44=-209/5022, 36-37=0/2045, 29-30=0/2008, 3-42=0/1672, 20-23=-1641/85, 20-26=0/1597, 21-23=-166/4979, 42-44=0/4771, 40-41=-4578/0, 25-27=-4448/0, 33-36=-1521/0, 30-31=-1463/0, 23-26=0/4676

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Ceiling dead load (5.0 psf) on member(s). 5-6, 6-9, 9-11, 11-13, 13-15, 15-17; Wall dead load (5.0psf) on member(s).7-42, 5-7, 18-26, 17-18
7) Bottom chord live load (60.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 40-42, 37-40, 33-37, 31-33, 29-31, 27-29, 26-27
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 58 lb uplift at joint 22 and 142 lb uplift at joint 45.
9) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
10) Attic room checked for L/360 deflection.

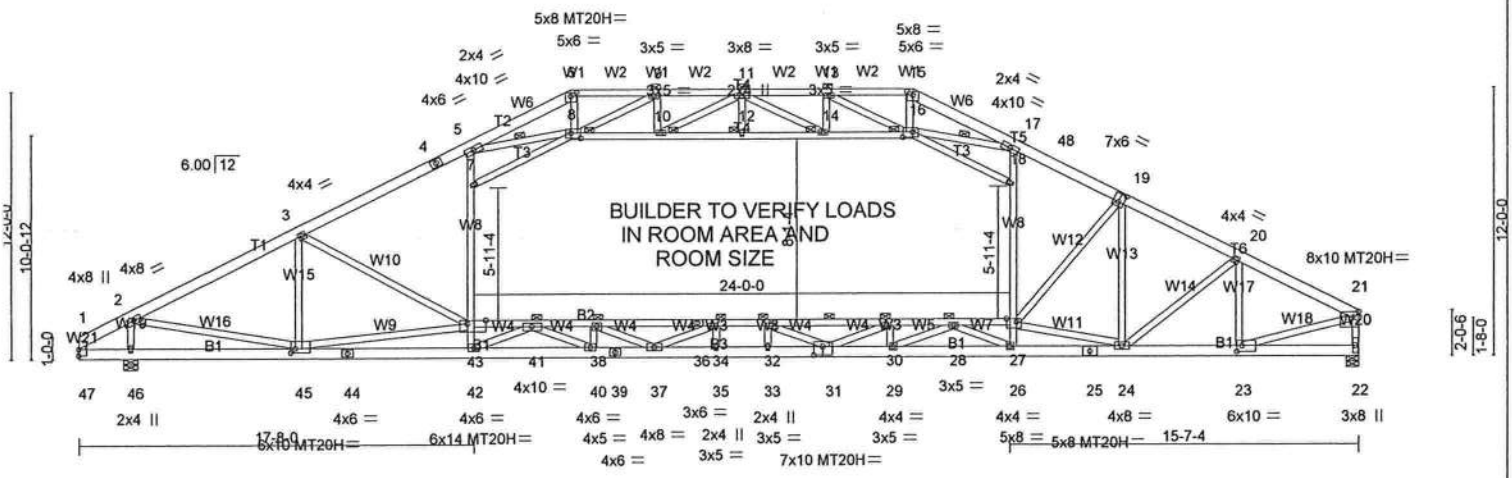
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
12998	AT1AG	ROOF TRUSS	2	2	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:04 2009 Page 1

9-10-2	17-8-0	22-0-0	25-10-14	29-8-0	33-5-2	37-4-0	41-8-0	46-8-6	51-10-15	57-3-4
9-10-2	7-9-13	4-4-0	3-10-14	3-9-2	3-9-2	3-10-14	4-4-0	5-0-6	5-2-9	5-4-5

Scale = 1:103.8



2-3-13	29-8-0	33-6-12	39-1-10

2-0-0	9-10-2	17-8-0	20-3-4	23-0-4	25-9-4	28-8-0	30-8-0	36-3-12	41-8-0	46-8-6	51-10-15	57-3-4
2-0-0	7-6-5	7-9-13	2-7-4	2-9-0	2-9-0	2-10-12	1-0-0	2-9-0	2-9-14	2-6-6	5-0-6	5-2-9	5-4-5
0-3-13							1-0-0	2-10-12				

Plate Offsets (X,Y): [6:0-3-0,0-2-0], [8:0-5-4,0-2-12], [15:0-3-0,0-2-0], [16:0-5-4,0-2-12], [19:0-3-0,0-4-8], [21:Edge,0-3-4], [23:0-2-12,0-3-4], [27:0-5-8,Edge], [31:0-4-12,0-4-8], [43:0-10-0,Edge], [45:0-2-8,0-2-4]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.96	Vert(LL)	-0.73	30-32	>901	360	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.94	Vert(TL)	-1.41	30-32	>466	240	MT20H	187/143
BCLL	0.0	Rep Stress Incr	NO	WB	1.00	Horz(TL)	-0.17	46	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.39	26-29	>999	180	Weight: 1098 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2 *Except*
T4: 2 X 4 SYP No.2, T3: 2 X 4 SYP No.3
BOT CHORD 2 X 6 SYP No.1 *Except*
B2: 2 X 4 SYP SS, B4: 2 X 4 SYP No.2, B3: 2 X 6 SYP SS
WEBS 2 X 4 SYP No.3 *Except*
W8: 2 X 4 SYP No.1, W20: 2 X 4 SYP SS, W9,W18: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-11-6 oc purlins, except end verticals, and 4-0-0 oc purlins (6-0-0 max.): 6-15, 7-8, 16-18, 8-16.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 42-45.
5-0-0 oc bracing: 30-32
5-5-0 oc bracing: 28-30
6-0-0 oc bracing: 34-38, 32-34, 27-28
10-0-0 oc bracing: 41-43, 38-41
WEBS 1 Row at midpt 5-8, 16-17
JOINTS 1 Brace at Jt(s): 34, 32, 38, 41, 8, 16, 12, 10, 14, 30, 28

REACTIONS (lb/size) 22=10958/0-6-14, 46=5247/0-7-10
Max Horz 22=181(LC 4)
Max Uplift22=-1481(LC 6), 46=-347(LC 5)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-532/37, 2-3=-7393/347, 3-4=-10257/486, 4-5=-10093/491, 5-6=0/749, 6-9=0/643, 9-11=-572/587, 11-13=-1094/700, 13-15=-810/537, 15-17=-821/571, 17-48=-10563/571, 19-48=-11478/732, 19-20=-13781/1594, 20-21=-13673/1758, 21-22=-10678/1470, 7-8=-493/164, 16-18=-153/748, 8-10=-8797/340, 10-12=-8170/219, 12-14=-8170/219, 14-16=-8260/235
BOT CHORD 46-47=-24/516, 45-46=-24/516, 44-45=-4944/1283, 42-44=-4944/1283, 40-42=0/2426, 39-40=0/6170, 37-39=0/6170, 35-37=0/12734, 33-35=0/12734, 31-33=0/12734, 29-31=-1072/14454, 26-29=-1877/13219, 25-26=-2854/11350, 24-25=-2854/11350, 23-24=-1492/11546, 22-23=-319/1254, 41-43=-1640/14159, 38-41=-1526/3587, 36-38=-1834/322, 34-36=-1834/322, 32-34=-3993/0, 30-32=-5269/90, 28-30=-5583/781, 27-28=-3176/2693
WEBS 42-43=-16/3621, 7-43=-15/3258, 5-7=-15/3462, 26-27=0/1502, 18-27=-114/3817, 17-18=-8/3499, 2-46=-4827/387, 34-35=-237/1005, 32-33=-1172/300, 38-40=-2359/64, 40-41=0/4682, 6-8=-541/0, 15-16=-408/0, 9-10=-80/319, 8-9=-1254/408, 10-11=-739/181, 13-16=-497/253, 29-30=-1052/0, 28-29=0/2247, 5-8=-9512/446, 16-17=-9276/405, 3-45=-3111/325, 2-45=-172/6127, 37-38=-302/3984, 30-31=-347/804, 3-43=-309/3211, 19-24=-759/259, 19-27=-3388/1386, 43-45=-1251/10761, 41-42=-6973/129, 26-28=-2922/0, 34-37=-3945/546, 31-32=-901/1855, 24-27=-281/2244, 20-23=-3414/497, 20-24=0/538, 21-23=-1241/10776

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc, 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, 2 X 4 - 1 row 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 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.00
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Ceiling dead load (5.0 psf) on member(s). 5-6, 6-9, 9-11, 11-13, 13-15, 15-17; Wall dead load (5.0psf) on member(s).7-43, 5-7, 18-27, 17-18
9) Bottom chord live load (60.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 41-43, 38-41, 34-38, 32-34, 30-32, 28-30, 27-28
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1481 lb uplift at joint 22 and 347 lb uplift at joint 46.
11) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
12) Attic room checked for L/360 deflection.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	AT1AG	ROOF TRUSS	2	2	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:04 2009 Page 2

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-60, 5-6=-70, 6-15=-70, 15-17=-70, 17-48=-60, 22-47=-20, 41-43=-140, 28-41=-140, 27-28=-140
   Drag: 5-43=-10, 17-27=-10
   Trapezoidal Loads (plf)
   Vert: 48=-601-to-21=-656

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
2998	AT1GR	ROOF TRUSS	2	3	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:08 2009 Page 1

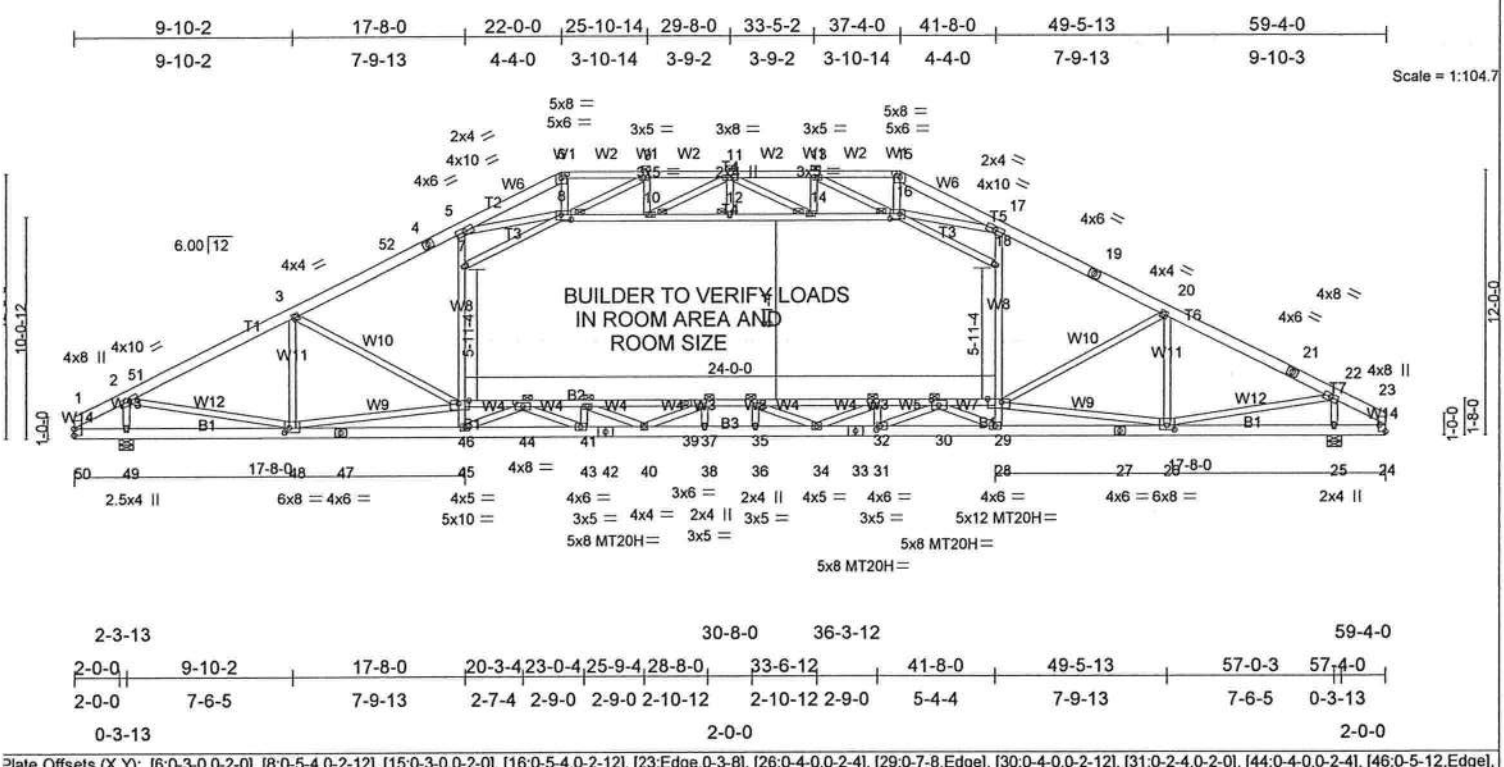


Plate Offsets (X,Y): [6:0-3-0,0-2-0], [8:0-5-4,0-2-12], [15:0-3-0,0-2-0], [16:0-5-4,0-2-12], [23:Edge,0-3-8], [26:0-4-0,0-2-4], [29:0-7-8,Edge], [30:0-4-0,0-2-12], [31:0-2-4,0-2-0], [44:0-4-0,0-2-4], [46:0-5-12,Edge], [48:0-2-8,0-2-8]

LOADING (psf)	SPACING 4-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.66	Vert(LL) -0.71 37-41 >924 360	MT20 244/190
TCDL 10.0	Lumber Increase 1.25	BC 0.87	Vert(TL) -1.18 37-41 >554 240	MT20H 187/143
BCLL 0.0	Rep Stress Incr NO	WB 0.85	Horz(TL) 0.14 25 n/a n/a	
BCDL 10.0	Code FBC2007/TPI2002	(Matrix)	Wind(LL) 0.16 45 >999 180	Weight: 1656 lb

LUMBER
TOP CHORD 2 X 6 SYP No.2 *Except*
T4: 2 X 4 SYP No.2, T3: 2 X 4 SYP No.3
BOT CHORD 2 X 6 SYP No.1 *Except*
B2: 2 X 4 SYP No.2, B4: 2 X 4 SYP No.1, B3: 2 X 6 SYP SS
WEBS 2 X 4 SYP No.3 *Except*
W8,W12,W9: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 4-0-0 oc purlins (6-0-0 max.): 6-15, 7-8, 16-18, 8-16.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 26-28.
JOINTS 1 Brace at Jt(s): 37, 35, 41, 44, 8, 16, 12, 10, 14, 32, 30

REACTIONS (lb/size) 49=10948/0-7-10, 25=8808/0-7-10
Max Horz 49=306(LC 4)
Max Uplift49=-121(LC 5), 25=-281(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-51=-1088/0, 2-51=-984/0, 2-3=-14773/53, 3-52=-15886/0, 4-52=-15226/0, 4-5=-15146/0, 5-6=-1228/1086, 6-9=-1066/977, 9-11=-2314/1466, 11-13=-2198/1473, 13-15=-801/994, 15-17=-955/1101, 17-19=-15171/0, 19-20=-15401/0, 20-21=-12097/88, 21-22=-12317/45, 22-23=-725/10, 7-8=-38/442, 8-10=-11404/0, 10-12=-10812/0, 12-14=-10812/0, 14-16=-11521/0
BOT CHORD 49-50=0/1159, 48-49=-192/1159, 47-48=-1314/6740, 45-47=-1314/6740, 43-45=-112/13212, 42-43=0/17711, 40-42=0/17711, 38-40=0/21169, 36-38=0/21169, 34-36=0/21169, 33-34=0/15208, 31-33=0/15208, 28-31=-2/9658, 27-28=-1875/2190, 26-27=-1875/2190, 25-26=0/701, 24-25=0/701, 44-46=0/10150, 41-44=-4918/0, 39-41=-7069/0, 37-39=-7069/0, 35-37=-8419/0, 32-35=-5879/0, 30-32=-2450/255, 29-30=0/15033
WEBS 45-46=0/4293, 7-46=0/4747, 5-7=0/4706, 28-29=0/5117, 18-29=0/4728, 17-18=0/4834, 2-49=-10422/226, 22-25=-8166/403, 37-38=-680/157, 35-36=-66/467, 41-43=-2850/0, 43-44=0/5825, 6-8=-656/0, 15-16=-695/0, 9-10=-100/327, 8-9=-1716/674, 10-11=-779/229, 13-14=-98/387, 13-16=-1883/662, 11-14=-911/223, 31-32=-3340/0, 30-31=0/6975, 5-8=-13112/0, 16-17=-13082/0, 3-48=-3667/57, 2-48=0/11809, 40-41=0/3455, 32-34=0/4641, 3-46=-102/1774, 20-26=-3834/70, 20-29=0/3795, 22-26=0/10366, 46-48=0/8626, 44-45=-8306/0, 28-30=-9738/0, 37-40=-2163/0, 34-35=-3770/0, 26-29=0/11392

NOTES
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc, 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, 2 X 4 - 1 row 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 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.00
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Ceiling dead load (5.0 psf) on member(s). 5-6, 6-9, 9-11, 11-13, 13-15, 15-17; Wall dead load (5.0psf) on member(s).7-46, 5-7, 18-29, 17-18
9) Bottom chord live load (60.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 44-46, 41-44, 37-41, 35-37, 32-35, 30-32, 29-30
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 121 lb uplift at joint 49 and 281 lb uplift at joint 25.
11) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
12) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	AT1GR	ROOF TRUSS	2	3	Job Reference (optional)

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-51=-120, 5-52=-120, 5-6=-140, 6-15=-140, 15-17=-140, 17-23=-120, 24-50=-40, 44-46=-280, 30-44=-280, 29-30=-280

Drag: 5-46=-20, 17-29=-20

Trapezoidal Loads (plf)

Vert: 51=-366-to-52=-306

ob	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
2998	BJ1	MONO TRUSS	12	1	Job Reference (optional)

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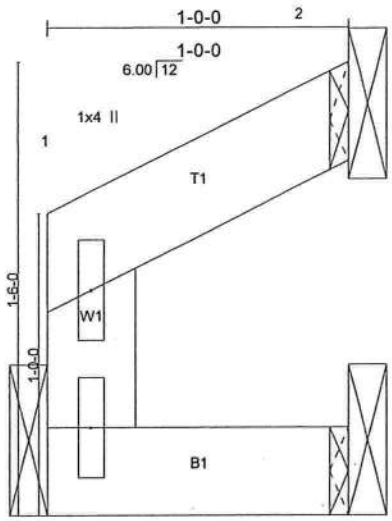

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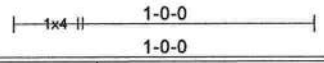
STRUCTURAL FASCIA REQUIRED

4 3



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.05	Vert(LL)	-0.00	4	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.03	Vert(TL)	-0.00	4	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	4	>999	180	Weight: 4 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 1-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 4=34/Mechanical, 3=9/Mechanical, 2=24/Mechanical
Max Horz 4=31(LC 6)
Max Uplift4=-5(LC 4), 3=-16(LC 6), 2=-25(LC 6)
Max Grav4=34(LC 1), 3=16(LC 2), 2=24(LC 1)

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

NOTES
1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; end vertical left exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 5 lb uplift at joint 4, 16 lb uplift at joint 3 and 25 lb uplift at joint 2.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	BJ3	MONO TRUSS	12	1	Job Reference (optional)

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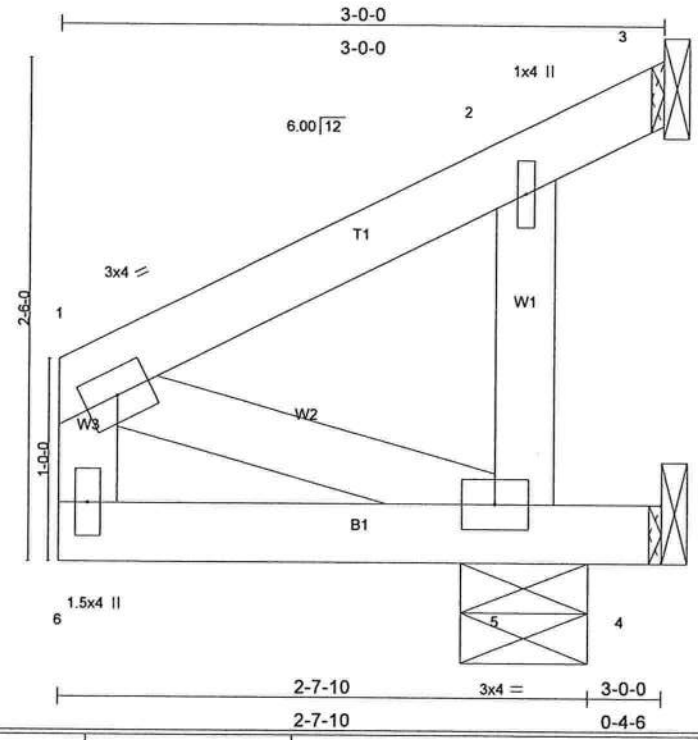

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LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	0.00	5	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	0.00	5	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.04	3	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	-0.00	5	>999	180	Weight: 16 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 3-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=-135/Mechanical, 4=-145/Mechanical, 5=503/0-7-10
Max Horz 5=68(LC 6)
Max Uplift3=-135(LC 1), 4=-145(LC 1), 5=-103(LC 6)
Max Grav3=6(LC 6), 4=14(LC 4), 5=503(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-281/179

NOTES
1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 135 lb uplift at joint 3, 145 lb uplift at joint 4 and 103 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	BJ5	MONO TRUSS	8	1	Job Reference (optional)

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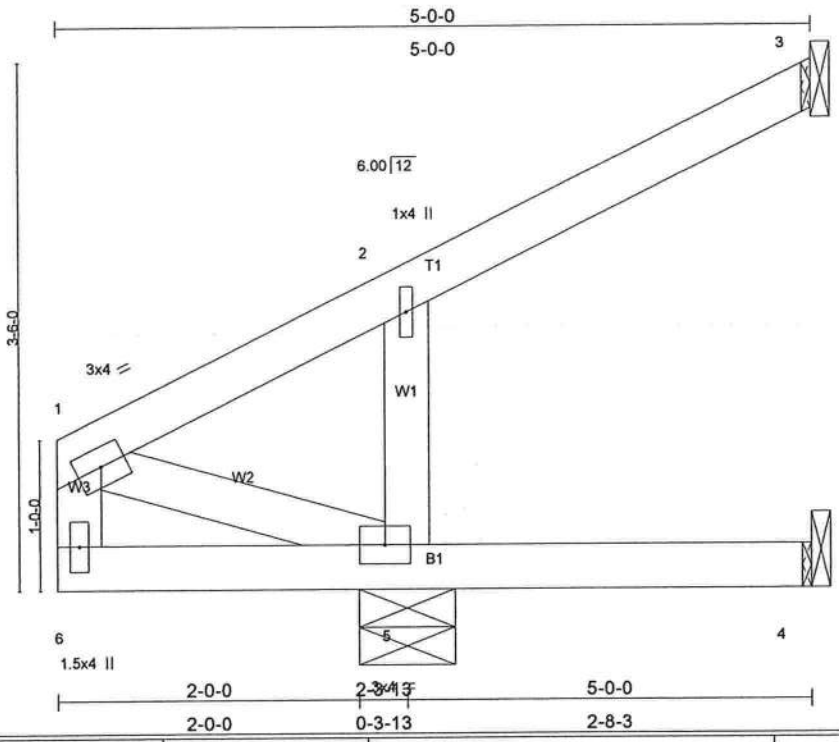

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	0.01	4-5	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.05	3	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	4-5	>999	180	Weight: 22 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 5-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=39/Mechanical, 4=-6/Mechanical, 5=351/0-7-10
Max Horz 5=106(LC 6)
Max Uplift3=-56(LC 6), 4=-9(LC 7), 5=-73(LC 6)
Max Grav3=39(LC 1), 4=21(LC 2), 5=351(LC 1)

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

NOTES
1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 3, 9 lb uplift at joint 4 and 73 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	BJ7	MONO TRUSS	8	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182

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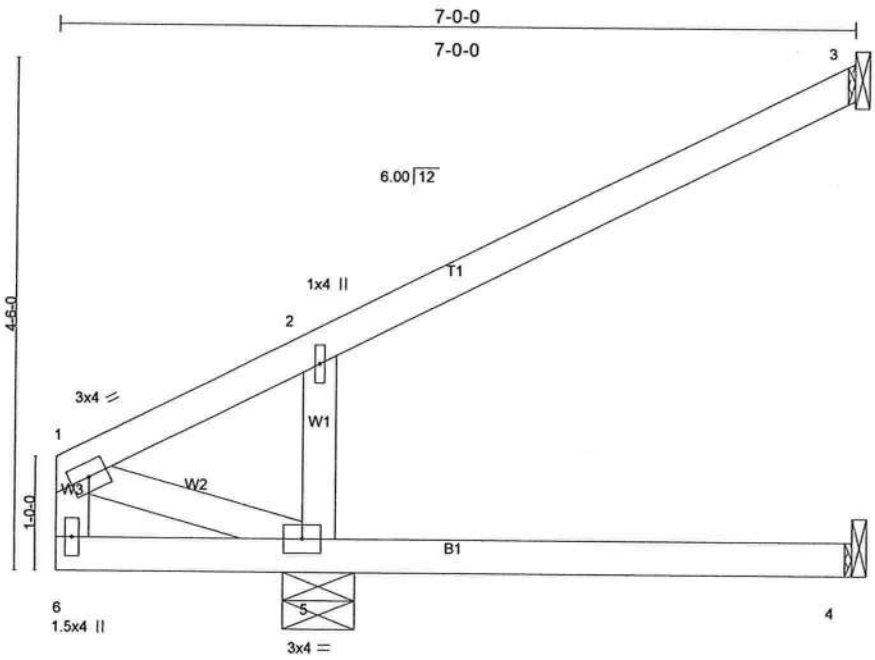

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.01	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.24	Vert(TL)	-0.03	4-5	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.06	Horz(TL)	-0.10	3	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.03	4-5	>999	180	Weight: 28 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=110/Mechanical, 4=34/Mechanical, 5=399/0-7-10
Max Horz 5=144(LC 6)
Max Uplift3=-93(LC 6), 5=-76(LC 6)
Max Grav3=110(LC 1), 4=73(LC 2), 5=399(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-294/210

NOTES
1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 93 lb uplift at joint 3 and 76 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	CJ3	MONO TRUSS	2	1	Job Reference (optional)

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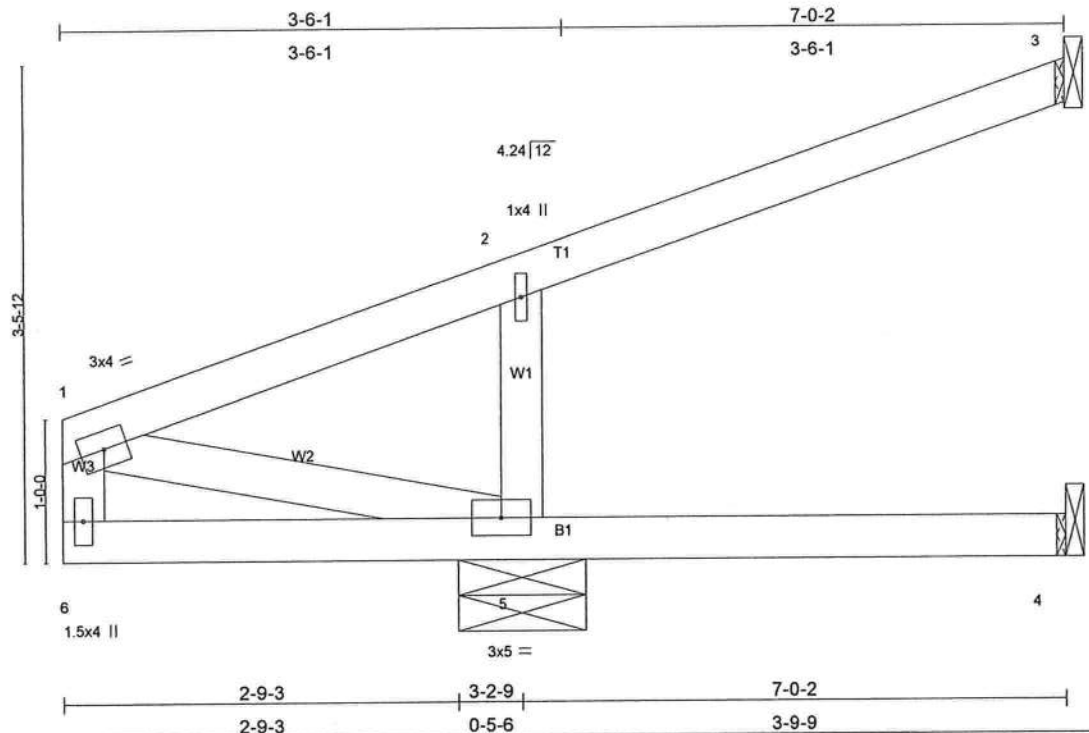

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.21	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.18	Vert(TL)	0.02	4-5	>999	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.04	Horz(TL)	-0.08	3	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.02	4-5	>999	180	Weight: 29 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=140/Mechanical, 4=48/Mechanical, 5=290/0-10-13
Max Horz 5=93(LC 5)
Max Uplift3=-97(LC 5), 4=-32(LC 4), 5=-132(LC 3)
Max Grav3=140(LC 1), 4=67(LC 2), 5=290(LC 1)

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

NOTES
1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; cantilever left exposed ; end vertical left exposed; porch left exposed; Lumber DOL=1.33 plate grip DOL=1.00
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 97 lb uplift at joint 3, 32 lb uplift at joint 4 and 132 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
Trapezoidal Loads (plf)
Vert: 1=0(F=30, B=30)-to-3=-105(F=-23, B=-23), 6=0(F=10, B=10)-to-4=-35(F=-8, B=-8)

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	CJ9	MONO TRUSS	4	1	Job Reference (optional)

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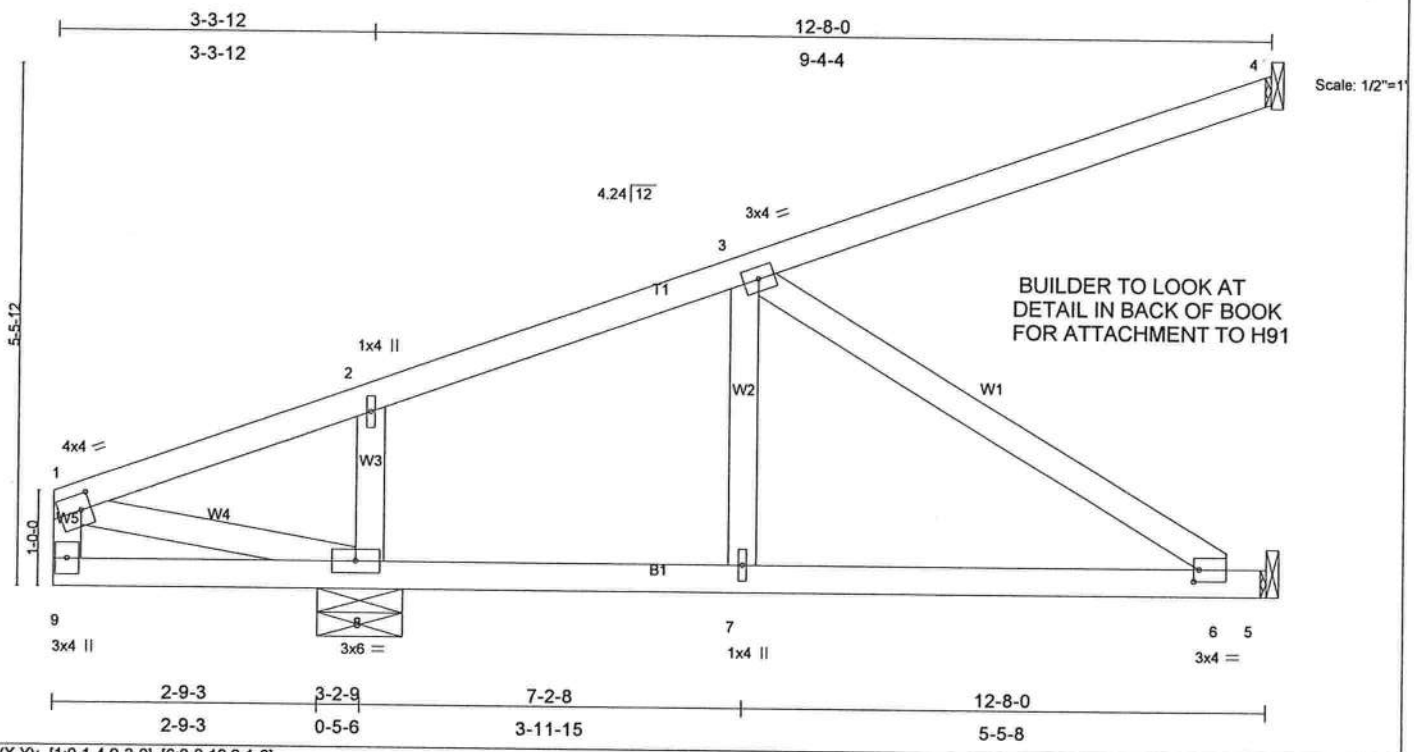

Plate Offsets (X,Y): [1:0-1-4,0-2-0], [6:0-0-10,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.85	Vert(LL)	-0.15	6-7	>755	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.92	Vert(TL)	-0.44	6-7	>252	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.36	Horz(TL)	-0.26	4	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.12	6-7	>963	180	Weight: 59 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.1
BOT CHORD 2 X 4 SYP No.1
WEBS 2 X 4 SYP No.3

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 4=422/Mechanical, 5=451/Mechanical, 8=705/0-10-13
Max Horz 8=293(LC 5)
Max Uplift4=-239(LC 3), 5=-93(LC 5), 8=-127(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-432/22, 2-3=-565/34
BOT CHORD 8-9=-419/21, 7-8=-269/461, 6-7=-269/461
WEBS 2-8=-475/73, 3-6=-548/319, 1-8=-10/904

NOTES
1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; cantilever left exposed ; end vertical left exposed; Lumber DOL=1.33 plate grip DOL=1.00
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 239 lb uplift at joint 4, 93 lb uplift at joint 5 and 127 lb uplift at joint 8.
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
Trapezoidal Loads (plf)
Vert: 1=0(F=30, B=30)-to-4=-190(F=-65, B=-65), 9=0(F=10, B=10)-to-5=-63(F=-22, B=-22)

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H32	HIP	1	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:11 2009 Page 1

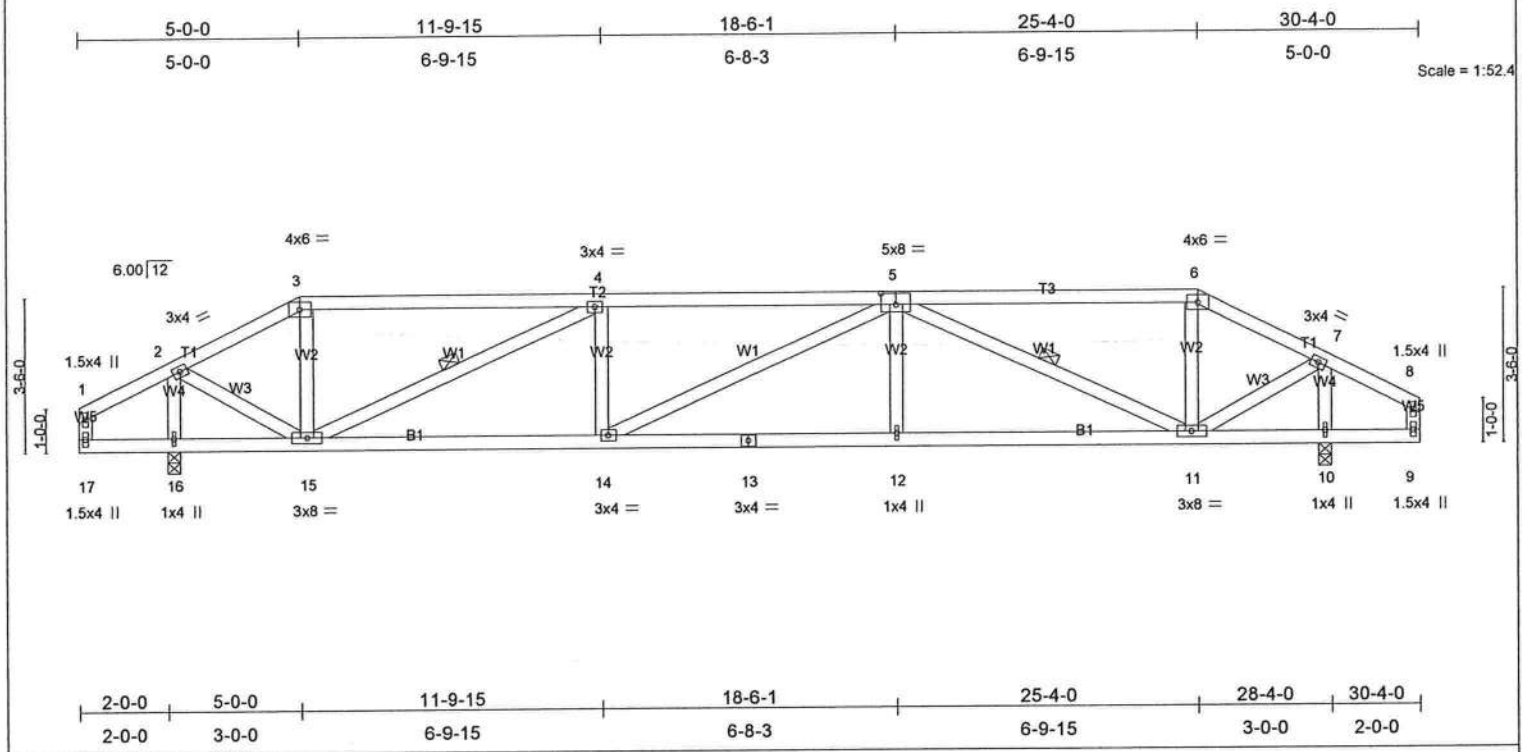

Plate Offsets (X,Y): [5:0-4-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.11	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.53	Vert(TL)	-0.30	12-14	>999	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.41	Horz(TL)	0.08	10	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.17	12-14	>999	180	Weight: 156 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 3-11-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-15, 5-11

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 16=1376/0-3-8, 10=1376/0-3-8
Max Horz 16=57(LC 4)
Max Uplift16=-521(LC 4), 10=-521(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1172/544, 3-4=-1046/516, 4-5=-2286/1093, 5-6=-1046/516, 6-7=-1172/544
BOT CHORD 14-15=-1077/2286, 13-14=-1067/2286, 12-13=-1067/2286, 11-12=-1067/2287
WEBS 2-16=-1292/511, 2-15=-547/1278, 4-15=-1386/666, 4-14=-59/285, 5-12=-55/284, 5-11=-1386/666, 7-11=-547/1278, 7-10=-1292/510

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 521 lb uplift at joint 16 and 521 lb uplift at joint 10.
6) Girder carries hip end with 5-0-0 right side setback, 5-0-0 left side setback, and 3-0-0 end setback.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down and 31 lb up at 25-4-0, and 100 lb down and 31 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: 1-3=-60, 3-6=-65(F=-5), 6-8=-60, 15-17=-20, 11-15=-22(F=-2), 9-11=-20
Concentrated Loads (lb)
Vert: 15=-100(F) 11=-100(F)

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H52	HIP	1	1	Job Reference (optional)

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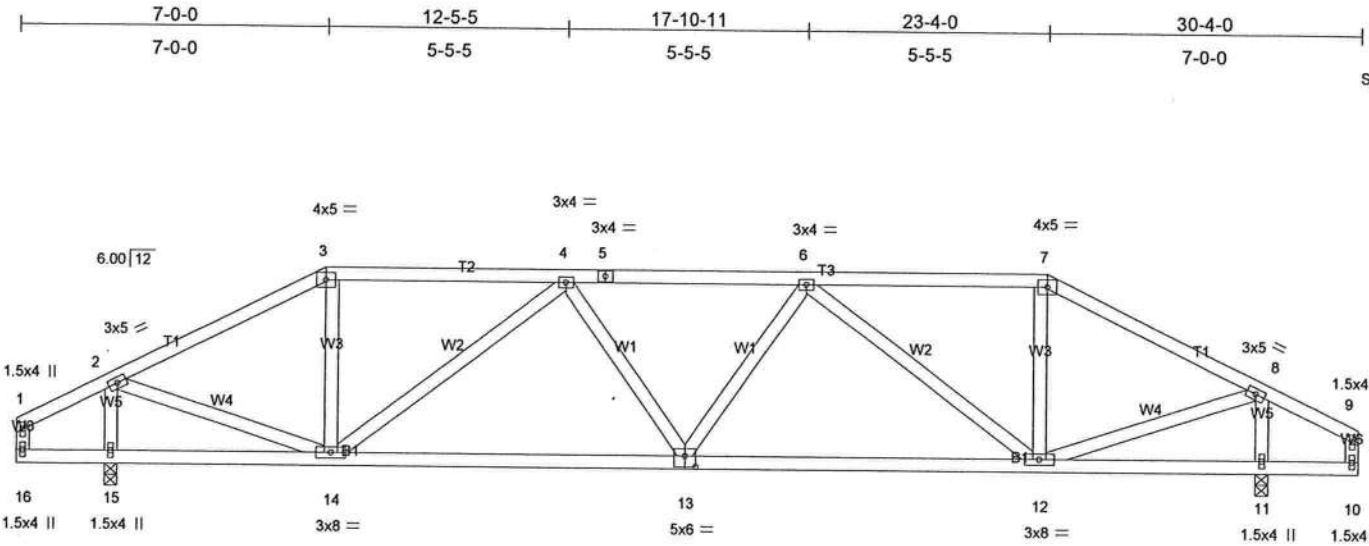

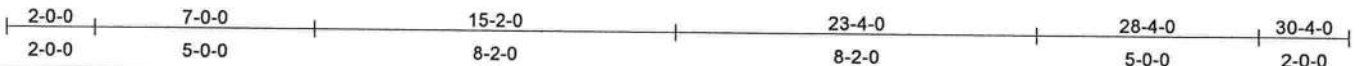

Plate Offsets (X,Y): [13:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.28	Vert(LL)	-0.08	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.23	13-14	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.57	Horz(TL)	0.04	11	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.20	13-14	>999	180	Weight: 159 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 4-10-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 15=1202/0-3-8, 11=1202/0-3-8
Max Horz 15=69(LC 5)
Max Uplift15=-482(LC 6), 11=-482(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1182/866, 3-4=-1008/826, 4-5=-1581/1247, 5-6=-1581/1247, 6-7=-1008/826, 7-8=-1182/866
BOT CHORD 13-14=-1005/1526, 12-13=-1005/1526
WEBS 2-15=-1116/777, 2-14=-725/1079, 3-14=-215/276, 4-14=-701/444, 6-12=-701/444, 7-12=-215/276, 8-12=-725/1079, 8-11=-1116/777

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 482 lb uplift at joint 15 and 482 lb uplift at joint 11.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H72	HIP	1	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:13 2009 Page 1

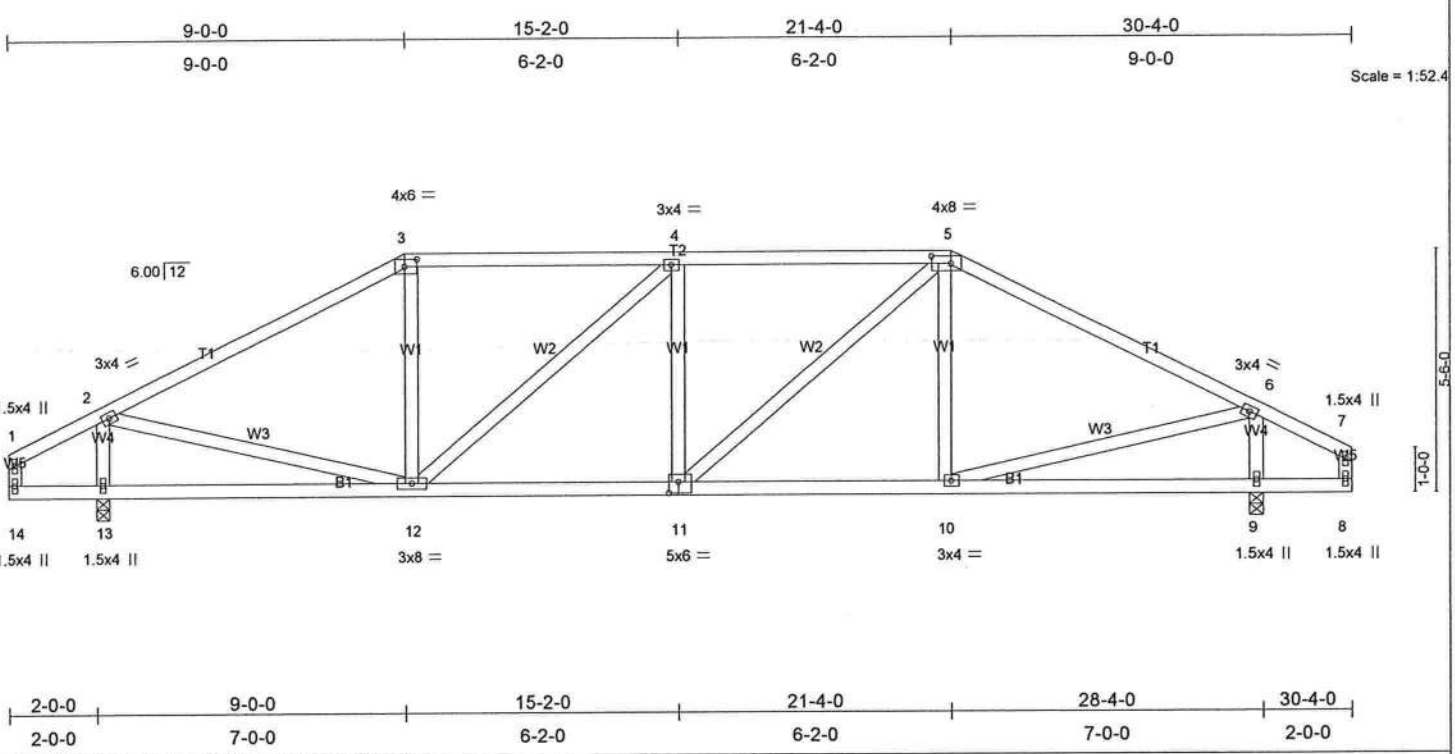

Plate Offsets (X,Y): [3:0-3-4,0-2-0], [5:0-5-4,0-2-0], [11:0-2-8,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.05	9-10	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.37	Vert(TL)	-0.13	12-13	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.03	9	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.11	12-13	>999	180	Weight: 165 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 5-3-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-9-9 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 13=1202/0-3-8, 9=1202/0-3-8
Max Horz 13=81(LC 5)
Max Uplift13=-498(LC 6), 9=-498(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1257/908, 3-4=-1047/878, 4-5=-1312/1056, 5-6=-1257/908
BOT CHORD 11-12=-845/1312, 10-11=-663/1040
WEBS 2-13=-1092/734, 2-12=-647/1015, 3-12=-175/254, 4-12=-431/235, 5-11=-238/436, 6-10=-647/1015, 6-9=-1092/734

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 498 lb uplift at joint 13 and 498 lb uplift at joint 9.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H91	HIP	2	2	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:14 2009 Page 1

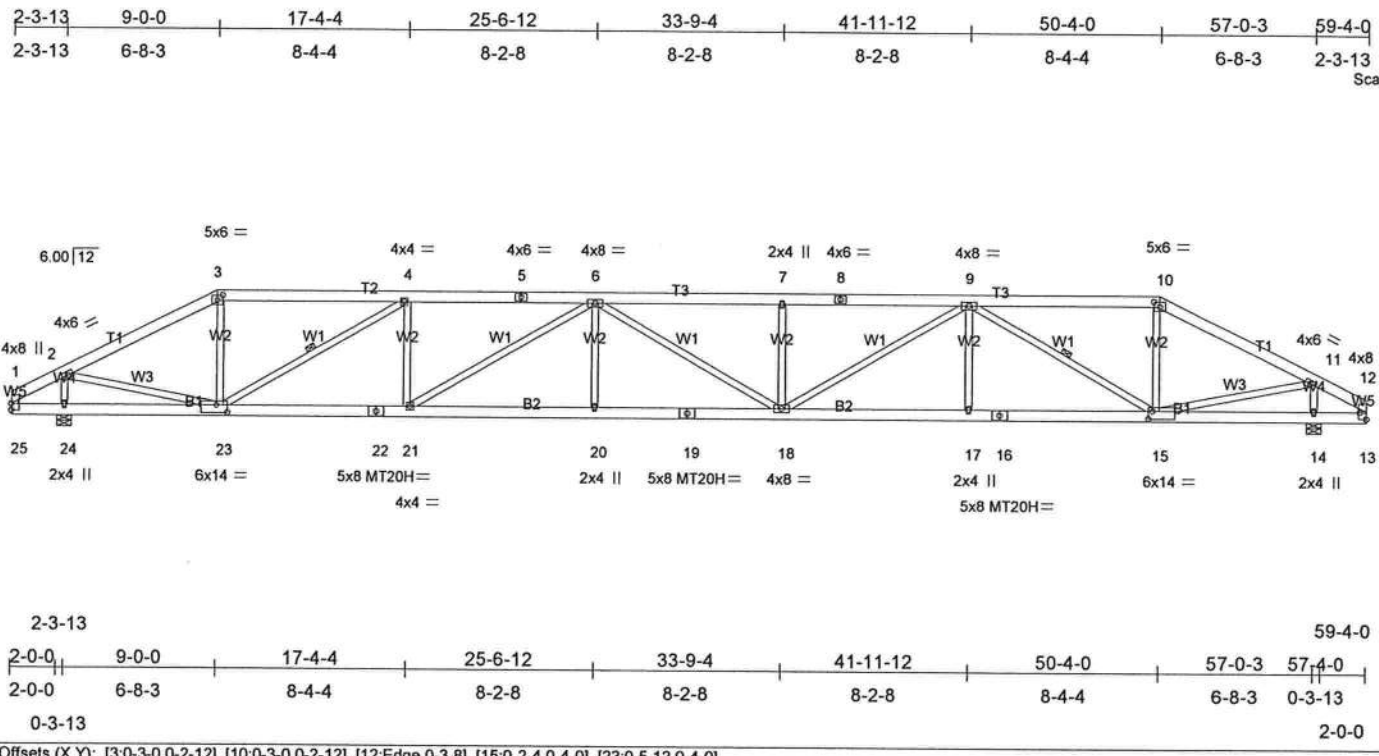

Plate Offsets (X,Y): [3:0-3-0,0-2-12], [10:0-3-0,0-2-12], [12:Edge,0-3-8], [15:0-2-4,0-4-0], [23:0-5-12,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.43	Vert(LL)	-0.47	18-20	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.94	Vert(TL)	-1.20	18-20	>547	180	MT20H	187/143
BCLL	0.0	Rep Stress Incr	NO	WB	0.94	Horz(TL)	0.27	14	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.50	18-20	>999	180	Weight: 832 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-4-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-0-15 oc bracing.
WEBS 1 Row at midpt 4-23, 9-15

REACTIONS (lb/size) 24=4823/0-7-10, 14=4823/0-7-10
Max Horz 24=74(LC 4)
Max Uplift24=-1222(LC 4), 14=-1222(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-259/76, 2-3=-6713/1852, 3-4=-5998/1711, 4-5=-10524/3014, 5-6=-10524/3014, 6-7=-12733/3635, 7-8=-12733/3635, 8-9=-12733/3635, 9-10=-5997/1710, 10-11=-6712/1852, 11-12=-261/79
BOT CHORD 22-23=-2972/10524, 21-22=-2972/10524, 20-21=-3596/12733, 19-20=-3596/12733, 18-19=-3596/12733, 17-18=-2936/10524, 16-17=-2936/10524, 15-16=-2936/10524
WEBS 2-24=-4554/1214, 2-23=-1600/5864, 3-23=-479/2292, 4-23=-5360/1570, 4-21=-192/1727, 6-21=-2615/760, 6-20=0/501, 7-18=-1018/586, 9-18=-755/2615, 9-17=0/523, 9-15=-5362/1572, 10-15=-479/2291, 11-15=-1600/5861, 11-14=-4551/1213

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc, 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 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.00
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1222 lb uplift at joint 24 and 1222 lb uplift at joint 14.
9) Girder carries hip end with 9-0-0 right side setback, 9-0-0 left side setback, and 7-0-0 end setback.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 660 lb down and 202 lb up at 50-4-0, and 660 lb down and 202 lb up at 9-0-0 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=-60, 3-10=-125(F=-65), 10-12=-60, 23-25=-20, 15-23=-42(F=-22), 13-15=-20
Concentrated Loads (lb)
Vert: 23=-660(F) 15=-660(F)

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H92	HIP	1	1	Job Reference (optional)

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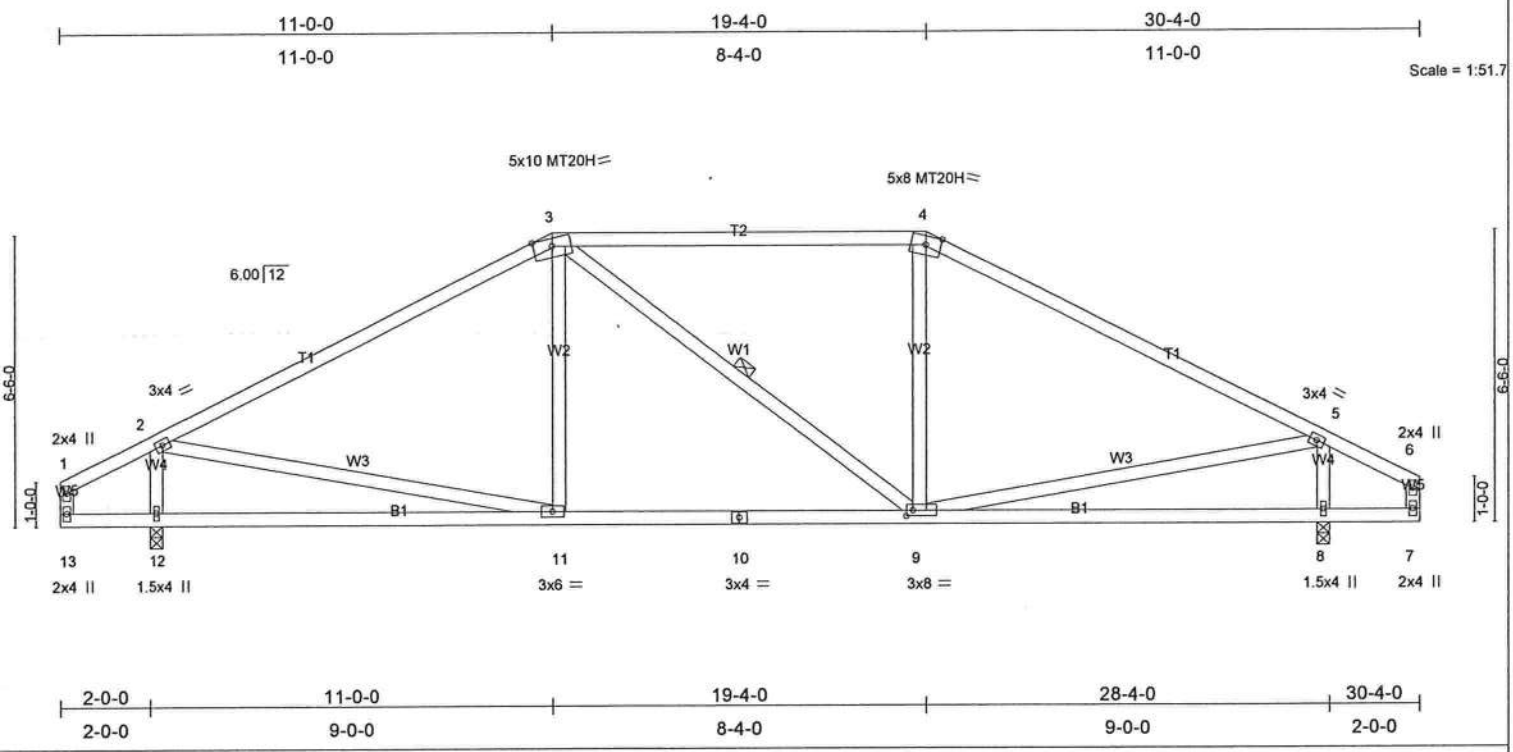

Plate Offsets (X,Y): [9:0-1-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.59	Vert(LL)	-0.11	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.46	Vert(TL)	-0.29	11-12	>999	180	MT20H	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.78	Horz(TL)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.24	8-9	>999	180	Weight: 159 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 4-9-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
7-7-10 oc bracing: 9-11.
WEBS 1 Row at midpt 3-9

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 12=1202/0-3-8, 8=1202/0-3-8
Max Horz 12=93(LC 5)
Max Uplift12=-512(LC 6), 8=-512(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1278/915, 3-4=-1038/898, 4-5=-1278/915
BOT CHORD 10-11=-646/1038, 9-10=-646/1038
WEBS 2-12=-1083/711, 2-11=-528/902, 5-9=-528/902, 5-8=-1083/711

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 512 lb uplift at joint 12 and 512 lb uplift at joint 8.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H111	HIP	2	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:15 2009 Page 1

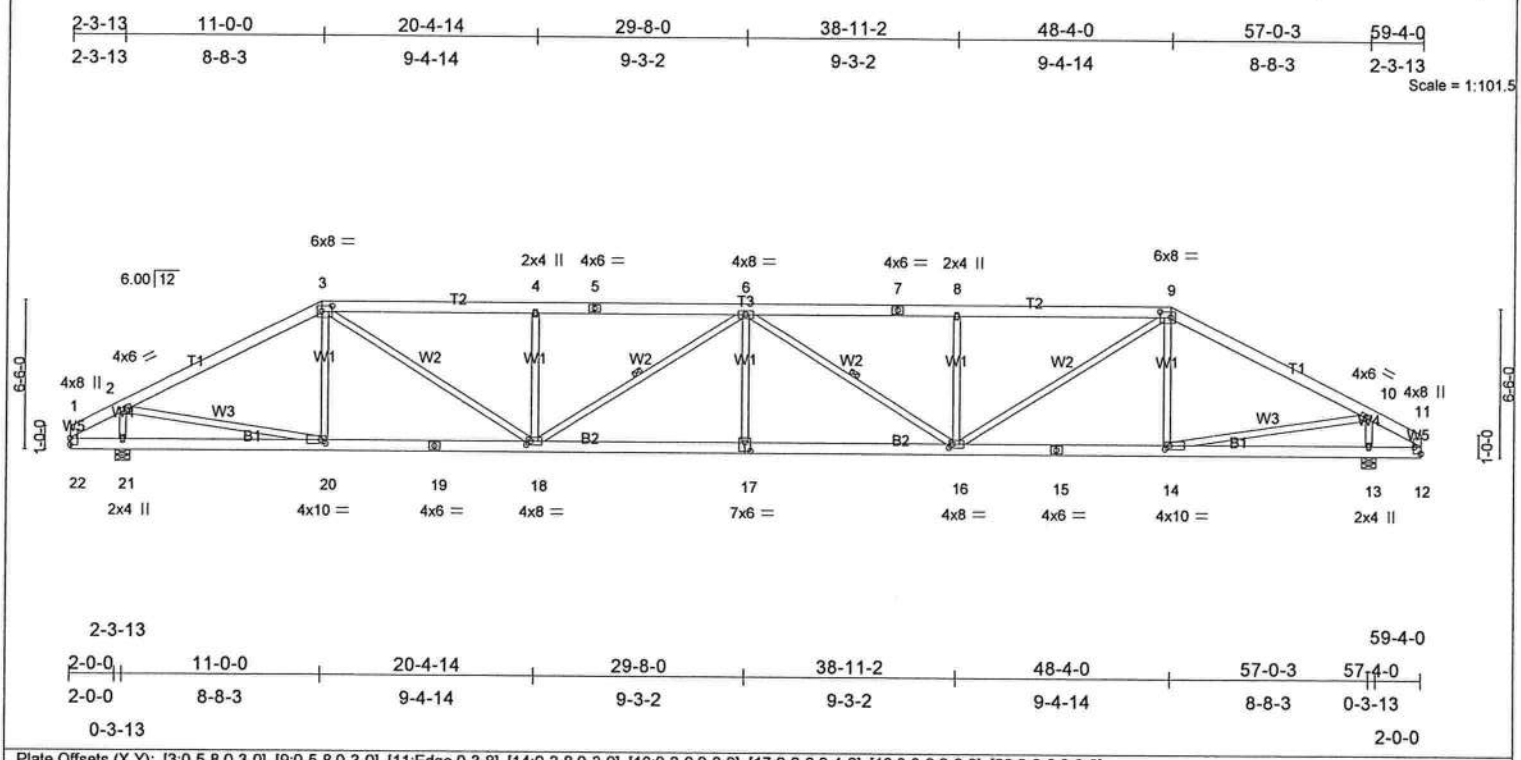

Plate Offsets (X,Y): [3:0-5-8,0-3-0], [9:0-5-8,0-3-0], [11:Edge,0-3-8], [14:0-2-8,0-2-0], [16:0-2-0,0-2-0], [17:0-3-0,0-4-8], [18:0-2-8,0-2-0], [20:0-2-8,0-2-0]

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)	-0.32	17	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.68	Vert(TL)	-0.80	17-18	>815	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.94	Horz(TL)	0.17	13	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.31	17	>999	180	Weight: 419 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W2: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
7-7-9 oc bracing: 17-18,16-17.
WEBS 1 Row at midpt 6-18, 6-16

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 21=2362/0-7-10, 13=2362/0-7-10
Max Horz 21=86(LC 5)
Max Uplift21=-361(LC 5), 13=-361(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3149/793, 3-4=-4438/1184, 4-5=-4438/1184, 5-6=-4438/1184, 6-7=-4438/1184, 7-8=-4438/1184, 8-9=-4438/1184, 9-10=-3149/793
BOT CHORD 19-20=-535/2704, 18-19=-535/2704, 17-18=-1076/5002, 16-17=-1076/5002, 15-16=-535/2704, 14-15=-535/2704
WEBS 2-21=-2169/715, 2-20=-523/2517, 3-20=-304/210, 3-18=-511/2140, 4-18=-578/290, 6-18=-712/171, 6-17=0/367, 6-16=-712/171, 8-16=-578/290, 9-16=-511/2140, 9-14=-304/210, 10-14=-523/2517, 10-13=-2169/715

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 361 lb uplift at joint 21 and 361 lb uplift at joint 13.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H112	HIP	1	1	Job Reference (optional)

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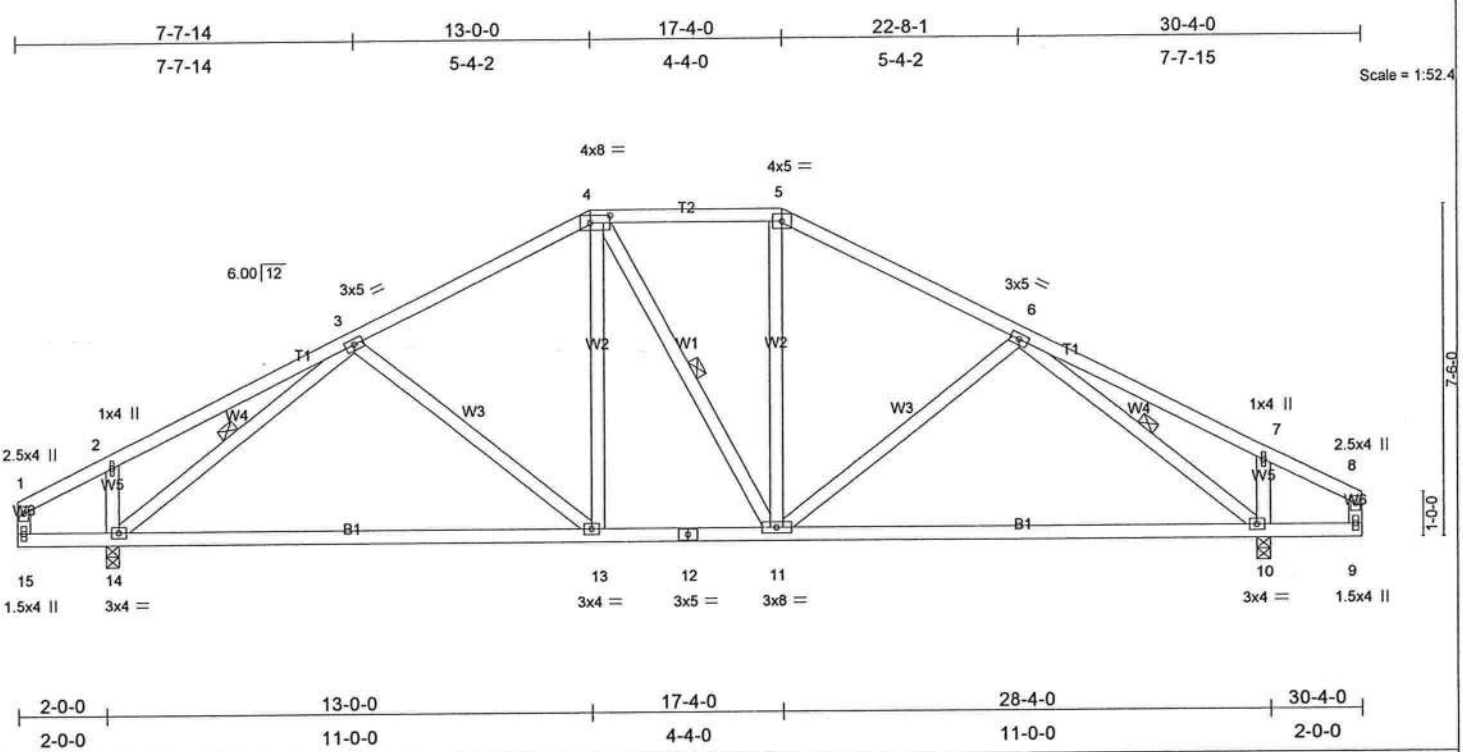

Plate Offsets (X,Y): [4:0-5-4,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.37	Vert(LL)	-0.27	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.76	Vert(TL)	-0.68	13-14	>456	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.04	10	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.53	13-14	>588	180	Weight: 174 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 5-10-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-3 oc bracing.
WEBS 1 Row at midpt 3-14, 4-11, 6-10

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 14=1202/0-3-8, 10=1202/0-3-8
Max Horz 14=105(LC 5)
Max Uplift14=-523(LC 6), 10=-523(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-1110/898, 4-5=-929/851, 5-6=-1111/898
BOT CHORD 13-14=-619/970, 12-13=-556/929, 11-12=-556/929, 10-11=-619/970
WEBS 2-14=-252/167, 3-14=-1141/688, 4-13=-249/263, 5-11=-249/262, 6-10=-1141/688, 7-10=-252/167

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 523 lb uplift at joint 14 and 523 lb uplift at joint 10.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H131	HIP	2	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182

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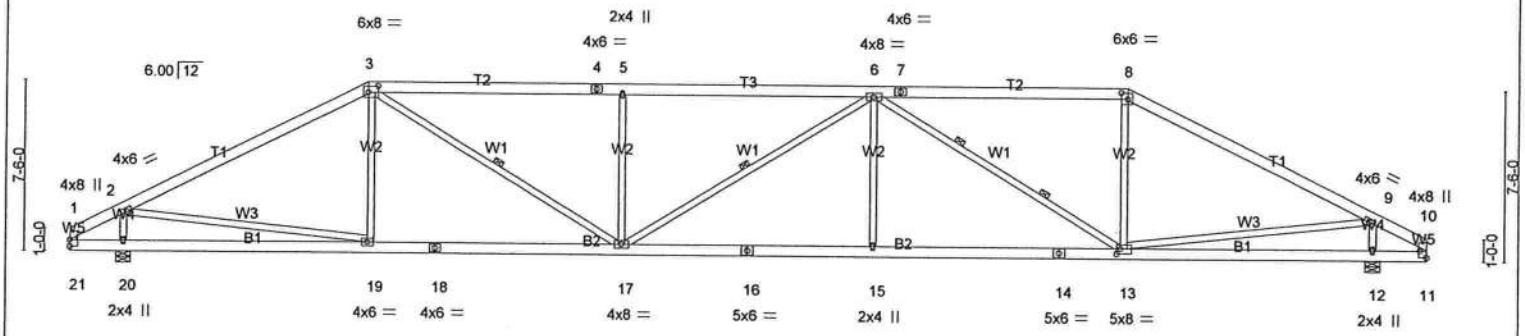
2-3-13 | 13-0-0 | 24-1-15 | 35-2-1 | 46-4-0 | 57-0-3 | 59-4-0

2-3-13 | 10-8-3 | 11-1-15 | 11-0-3 | 11-1-15 | 10-8-3 | 2-3-13

Scale = 1:101.5



2-3-13 | 59-4-0

2-0-0 | 13-0-0 | 24-1-15 | 35-2-1 | 46-4-0 | 57-0-3 | 57-4-0

2-0-0 | 10-8-3 | 11-1-15 | 11-0-3 | 11-1-15 | 10-8-3 | 0-3-13

0-3-13 | 2-0-0

Plate Offsets (X,Y): [3:0-5-4,0-3-4], [8:0-3-8,0-3-4], [10:Edge,0-3-8], [13:0-2-0,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.47	Vert(LL)	-0.25	15-17	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.63	Vert(TL)	-0.70	15-17	>943	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.87	Horz(TL)	0.15	12	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.25	15-17	>999	180	Weight: 417 lb	

LUMBER

TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W3,W1: 2 X 4 SYP No.2

BRACING

TOP CHORD Structural wood sheathing directly applied or 3-5-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-5-15 oc bracing: 15-17
8-5-13 oc bracing: 13-15.
WEBS 1 Row at midpt 3-17, 6-17
2 Rows at 1/3 pts 6-13

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 20=2362/0-7-10, 12=2362/0-7-10
Max Horz 20=98(LC 5)
Max Uplift20=-371(LC 6), 12=-371(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-321/51, 2-3=-3232/822, 3-4=-4157/1146, 4-5=-4156/1146, 5-6=-4156/1146, 6-7=-2779/829, 7-8=-2779/829, 8-9=-3232/821, 9-10=-320/52
BOT CHORD 20-21=-73/345, 19-20=-143/345, 18-19=-537/2761, 17-18=-537/2761, 16-17=-859/4157, 15-16=-859/4157, 14-15=-859/4157, 13-14=-859/4157, 12-13=-75/344, 11-12=-75/344
WEBS 2-20=-2163/771, 2-19=-473/2448, 3-17=-436/1769, 5-17=-687/343, 6-15=0/440, 6-13=-1754/434, 8-13=-32/816, 9-13=-471/2449, 9-12=-2162/769

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 371 lb uplift at joint 20 and 371 lb uplift at joint 12.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H132	COMMON	1	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:18 2009 Page 1

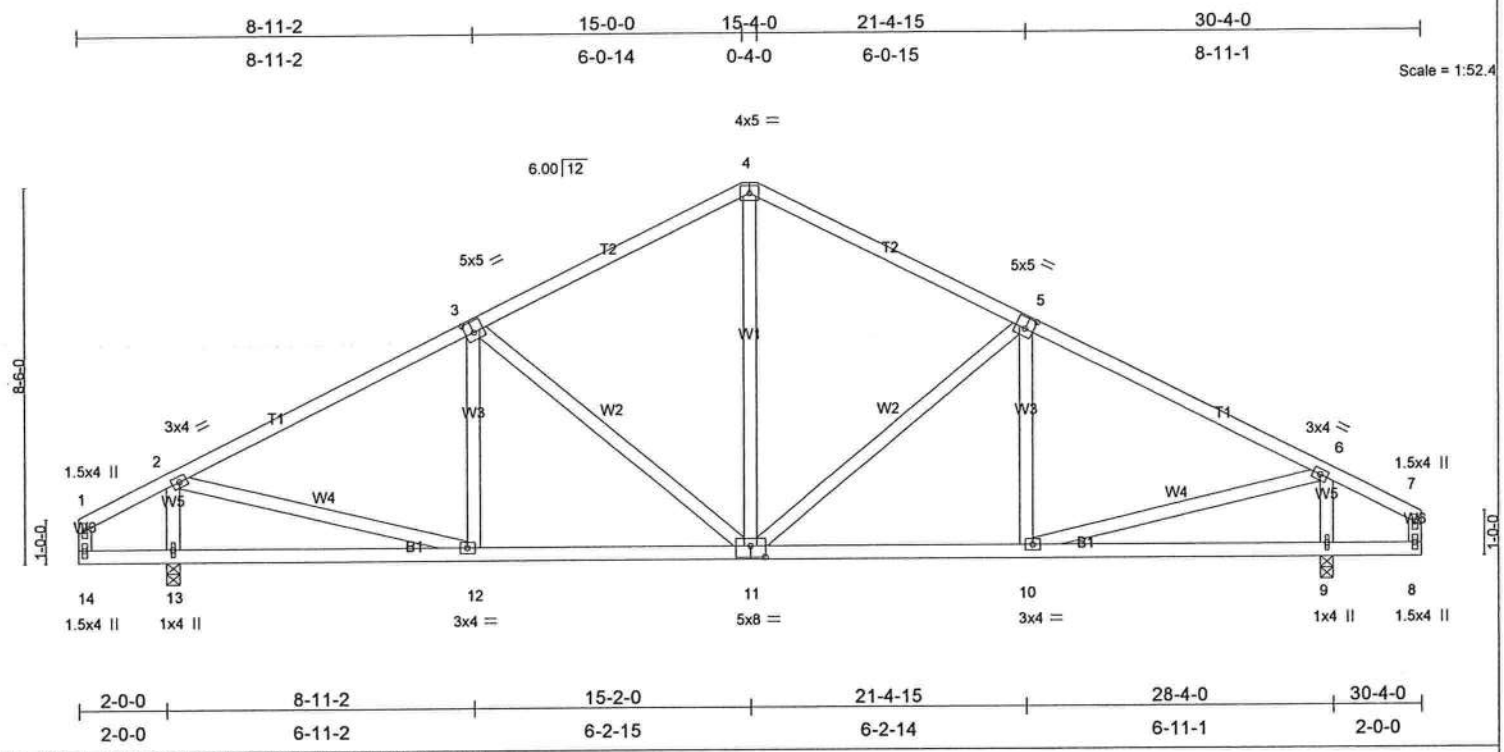


Plate Offsets (X,Y): [3:0-2-4,0-3-0], [5:0-2-4,0-3-0], [11:0-4-0,0-3-0]

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)	-0.04	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.11	12-13	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.02	9	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.04	11	>999	180	Weight: 171 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 5-3-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 13=1202/0-3-8, 9=1202/0-3-8
Max Horz 13=-117(LC 4)
Max Uplift13=-263(LC 6), 9=-263(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1250/364, 3-4=-1015/385, 4-5=-1015/385, 5-6=-1250/364
BOT CHORD 11-12=-178/1038, 10-11=-178/1038
WEBS 2-13=-1094/437, 2-12=-220/1018, 3-11=-325/159, 4-11=-128/497, 5-11=-325/159, 6-10=-220/1018, 6-9=-1094/437

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 263 lb uplift at joint 13 and 263 lb uplift at joint 9.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	H151	HIP	2	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:19 2009 Page 1

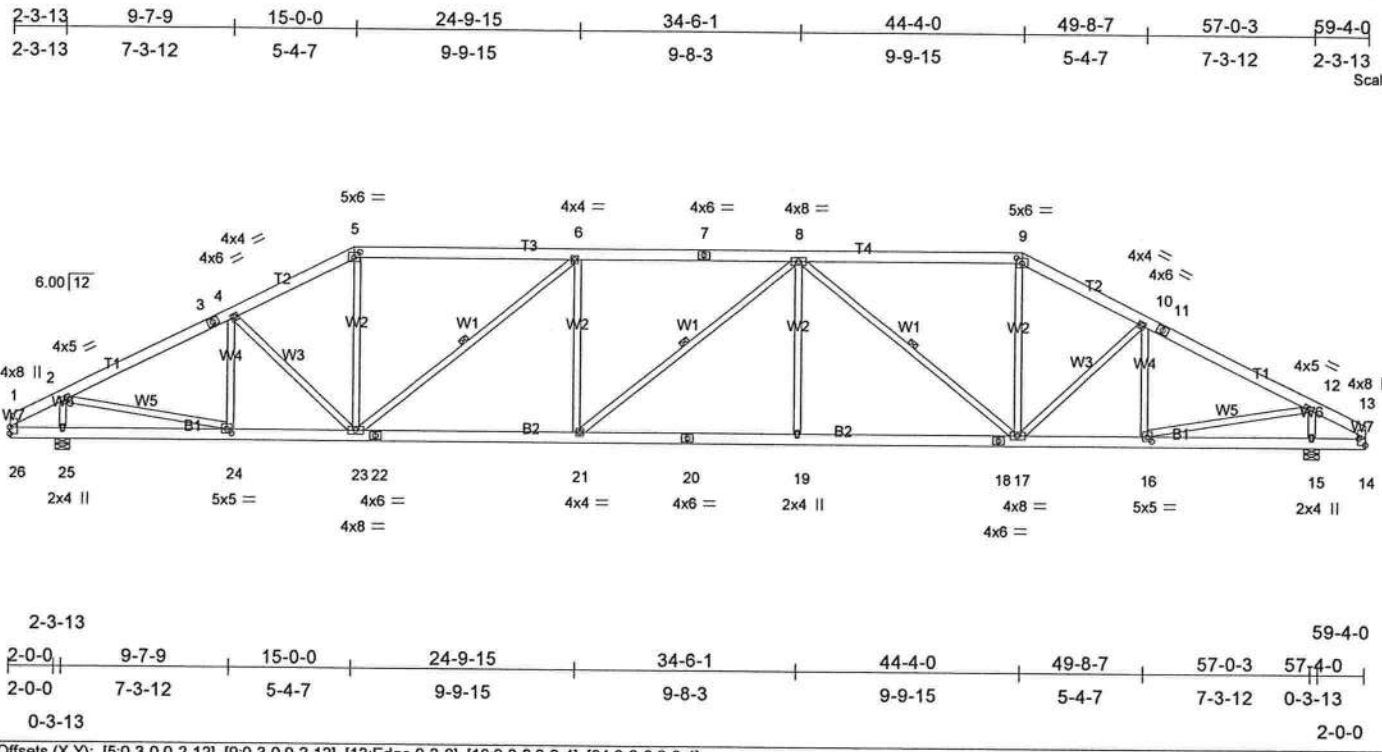


Plate Offsets (X,Y): [5:0-3-0,0-2-12], [9:0-3-0,0-2-12], [13:Edge,0-3-8], [16:0-2-8,0-2-4], [24:0-2-8,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	-0.20	19-21	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.54	Vert(TL)	-0.54	19-21	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.81	Horz(TL)	0.16	15	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.20	19-21	>999	180	Weight: 447 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W1: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-11-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-2-13 oc bracing.
WEBS 1 Row at midpt 6-23, 8-21, 8-17

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 25=2362/0-7-10, 15=2362/0-7-10
Max Horz 25=110(LC 5)
Max Uplift25=-387(LC 6), 15=-387(LC 7)

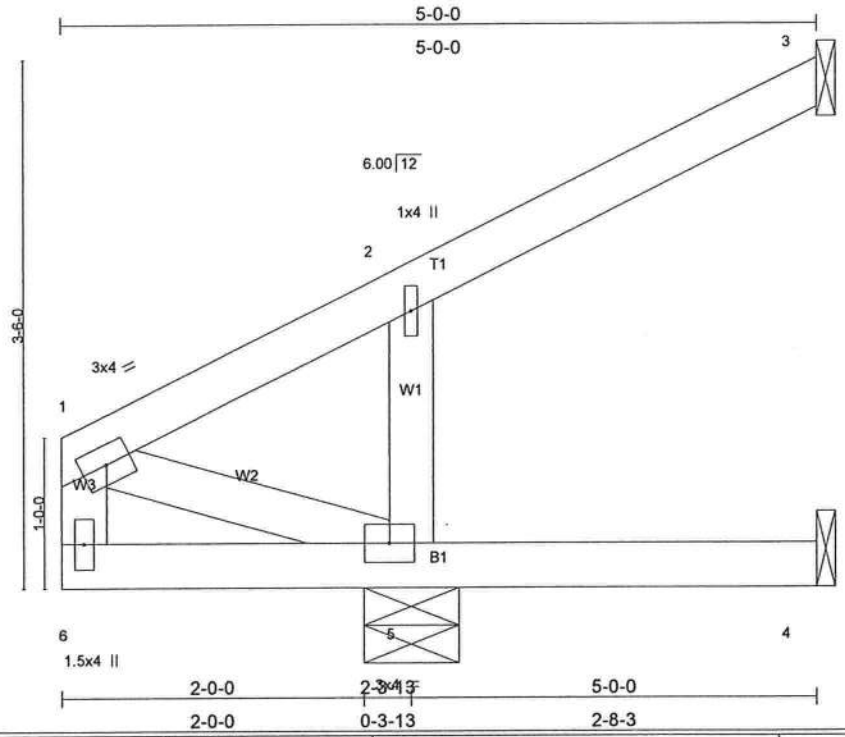
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2993/764, 3-4=-2818/777, 4-5=-3064/870, 5-6=-2711/833, 6-7=-3655/1058, 7-8=-3655/1058, 8-9=-2711/833, 9-10=-3064/870, 10-11=-2818/777, 11-12=-2993/764
BOT CHORD 23-24=-538/2575, 22-23=-727/3655, 21-22=-727/3655, 20-21=-727/3655, 19-20=-727/3655, 18-19=-727/3655, 17-18=-727/3655, 16-17=-538/2575
WEBS 2-25=-2165/704, 2-24=-543/2416, 4-24=-473/202, 4-23=-131/340, 5-23=-140/850, 6-23=-1325/324, 6-21=0/394, 8-19=0/393, 8-17=-1324/325, 9-17=-140/849, 10-17=-131/340, 10-16=-473/202, 12-16=-543/2415, 12-15=-2165/704

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 387 lb uplift at joint 25 and 387 lb uplift at joint 15.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	J5	MONO TRUSS	11	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:19 2009 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.20	Vert(LL)	0.00	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.16	Vert(TL)	0.01	4-5	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	-0.05	3	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.01	4-5	>999	180	Weight: 22 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 5-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=39/Mechanical, 4=-6/Mechanical, 5=351/0-7-10
Max Horz 5=106(LC 6)
Max Uplift3=-58(LC 6), 4=-34(LC 7), 5=-100(LC 6)
Max Grav3=39(LC 1), 4=21(LC 2), 5=351(LC 1)

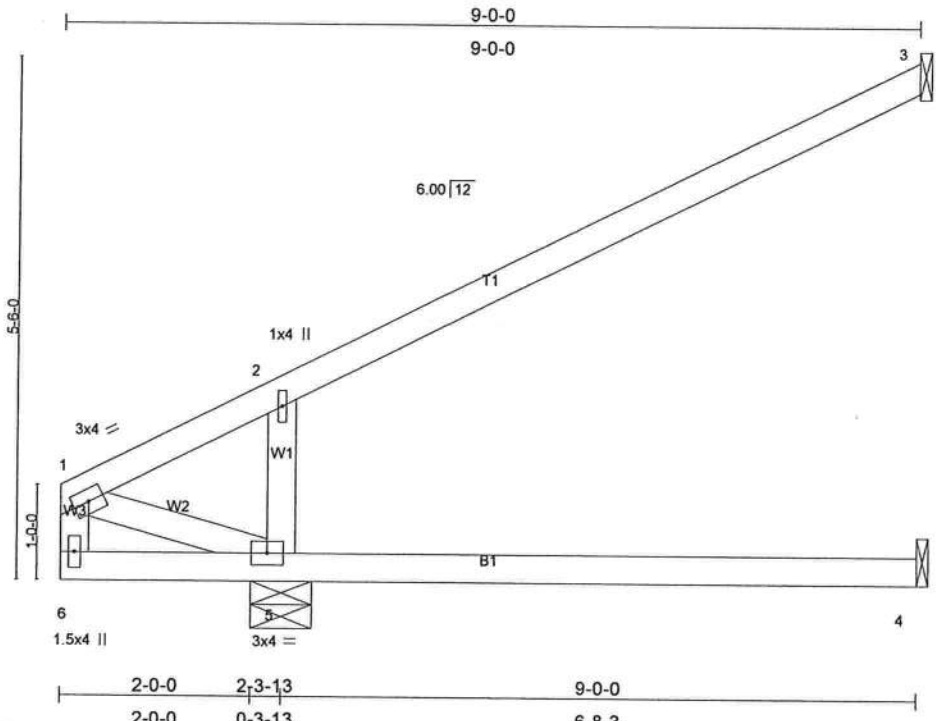
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; end vertical left exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 58 lb uplift at joint 3, 34 lb uplift at joint 4 and 100 lb uplift at joint 5.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	J9	MONO TRUSS	44	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:19 2009 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.48	Vert(LL)	-0.07	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.45	Vert(TL)	-0.18	4-5	>443	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.25	3	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.12	4-5	>636	180	Weight: 35 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 3=171/Mechanical, 4=65/Mechanical, 5=467/0-7-10
Max Horz 5=182(LC 6)
Max Uplift3=-128(LC 6), 5=-82(LC 6)
Max Grav3=171(LC 1), 4=116(LC 2), 5=467(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-376/271, 1-5=0/251

NOTES
1) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 128 lb uplift at joint 3 and 82 lb uplift at joint 5.

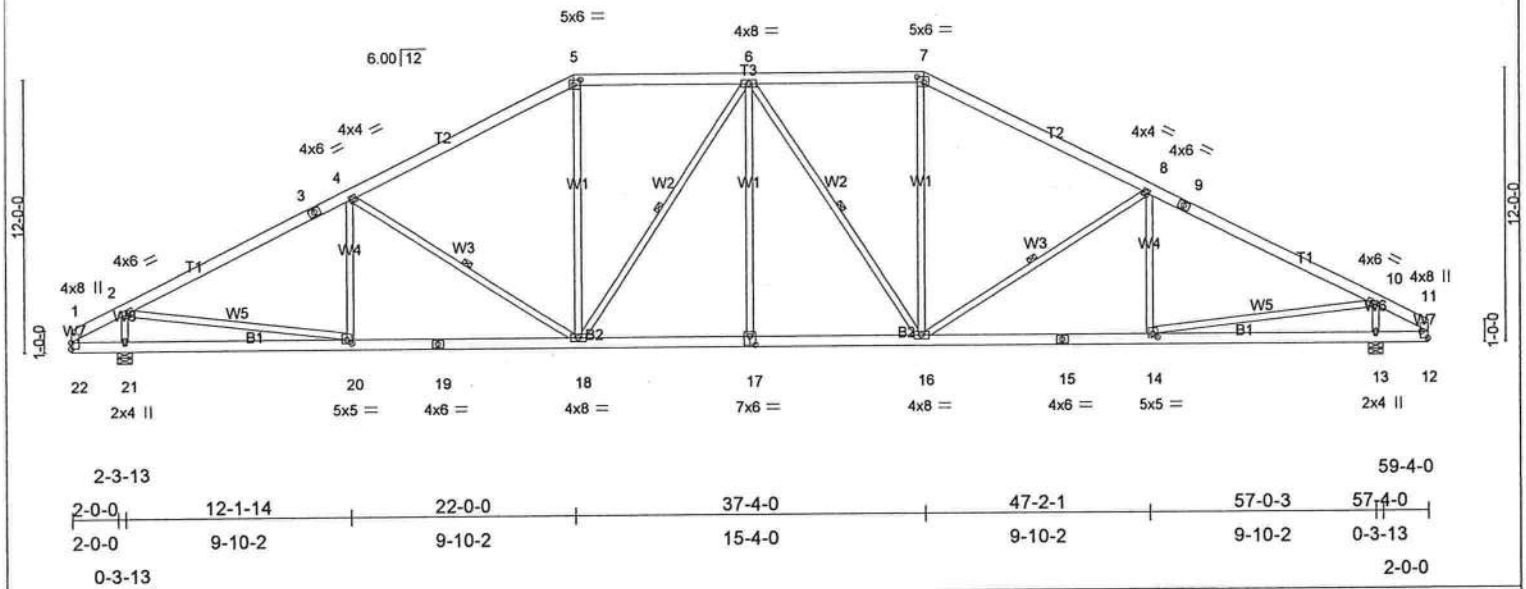
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	T1	HIP	18	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:21 2009 Page 1

2-3-13	12-1-14	22-0-0	29-8-0	37-4-0	47-2-1	57-0-3	59-4-0
2-3-13	9-10-2	9-10-2	7-8-0	7-8-0	9-10-2	9-10-2	2-3-13

Scale = 1:101.5



2-3-13							59-4-0
2-0-0	12-1-14	22-0-0		37-4-0	47-2-1	57-0-3	57-4-0
2-0-0	9-10-2	9-10-2		15-4-0	9-10-2	9-10-2	0-3-13
0-3-13							2-0-0

Plate Offsets (X,Y): [5:0-3-8,0-2-12], [7:0-3-8,0-2-12], [11:Edge,0-3-8], [14:0-2-8,0-2-0], [17:0-3-0,0-4-8], [20:0-2-8,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.42	Vert(LL)	-0.15	17	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.50	Vert(TL)	-0.38	18-20	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.96	Horz(TL)	0.11	13	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.15	17	>999	180	Weight: 465 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W3,W1,W2: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 4-1-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-18, 6-18, 6-16, 8-16

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 21=2362/0-7-10, 13=2362/0-7-10
Max Horz 21=152(LC 5)
Max Uplift21=-437(LC 6), 13=-437(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-301/40, 2-3=-3188/843, 3-4=-2951/862, 4-5=-2843/877, 5-6=-2431/869, 6-7=-2431/869, 7-8=-2843/877, 8-9=-2951/862, 9-10=-3188/843, 10-11=-301/40
BOT CHORD 21-22=-50/321, 20-21=-168/321, 19-20=-590/2733, 18-19=-590/2733, 17-18=-423/2596, 16-17=-423/2596, 15-16=-590/2732, 14-15=-590/2732, 13-14=-50/321, 12-13=-50/321
WEBS 2-21=-2160/765, 2-20=-548/2447, 4-18=-412/248, 5-18=-82/711, 6-18=-509/168, 6-16=-509/168, 7-16=-82/711, 8-16=-412/248, 10-14=-548/2447, 10-13=-2160/765, 6-17=0/255

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 437 lb uplift at joint 21 and 437 lb uplift at joint 13.

LOAD CASE(S) Standard

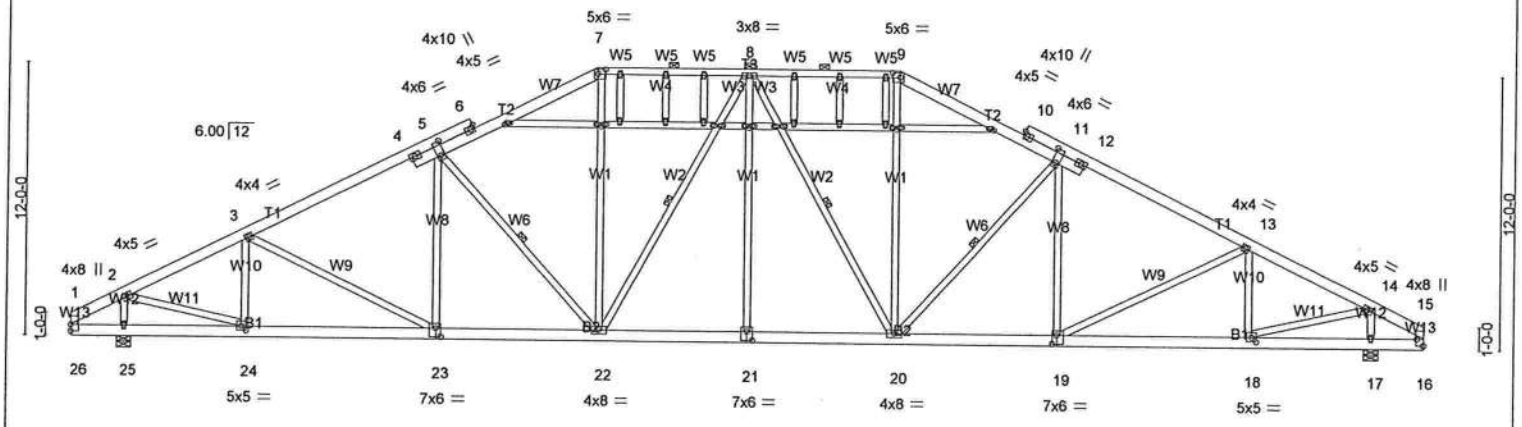
Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	T1GE	HIP	2	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:23 2009 Page 1

2-3-13 | 7-7-8 | 16-0-0 | 23-0-5 | 29-8-0 | 36-3-11 | 43-4-0 | 51-8-7 | 57-0-3 | 59-4-0

2-3-13 | 5-3-12 | 8-4-8 | 7-0-5 | 6-7-11 | 6-7-11 | 7-0-5 | 8-4-7 | 5-3-12 | 2-3-13

Scale = 1:101.5



2-3-13 | 59-4-0

2-0-0 | 7-7-8 | 16-0-0 | 23-0-5 | 36-3-11 | 43-4-0 | 51-8-7 | 57-0-3 | 57-4-0

2-0-0 | 5-3-12 | 8-4-8 | 7-0-5 | 13-3-6 | 7-0-5 | 8-4-7 | 5-3-12 | 0-3-13

0-3-13 | 2-0-0

Plate Offsets (X,Y): [5:0-7-8,0-2-0], [7:0-4-0,0-2-8], [9:0-4-0,0-2-8], [11:0-7-8,0-2-0], [15:Edge,0-3-8], [18:0-2-8,0-2-4], [19:0-2-8,0-4-8], [21:0-3-0,0-4-8], [23:0-2-8,0-4-8], [24:0-2-8,0-2-4], [27:0-2-0,0-0-12], [28:0-1-8,0-1-0], [30:0-1-8,0-1-0], [32:0-1-8,0-1-0], [33:0-2-0,0-0-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.93	Vert(LL)	-0.15	21	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.40	Vert(TL)	-0.39	21-22	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.77	Horz(TL)	0.13	17	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.16	21	>999	180	Weight: 541 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2 *Except*
T3: 2 X 4 SYP SS
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W6,W1,W2: 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-2-4 oc purlins, except end verticals, and 4-0-0 oc purlins (4-1-3 max.): 7-9.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-22, 8-22, 8-20, 11-20

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 25=2362/0-7-10, 17=2362/0-7-10
Max Horz 25=153(LC 5)
Max Uplift25=-445(LC 6), 17=-445(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2760/742, 3-4=-3107/911, 4-5=-2935/929, 5-6=-2759/866, 6-7=-2746/906, 7-8=-2457/878, 8-9=-2457/878, 9-10=-2746/906, 10-11=-2759/866, 11-12=-2935/929, 12-13=-3106/911, 13-14=-2760/742
BOT CHORD 23-24=-536/2389, 22-23=-562/2746, 21-22=-424/2575, 20-21=-424/2575, 19-20=-562/2746, 18-19=-536/2389
WEBS 2-25=-2202/671, 2-24=-587/2388, 3-24=-614/279, 5-22=-492/254, 7-22=-162/693, 8-22=-441/144, 8-20=-441/143, 9-20=-162/693, 11-20=-492/254, 13-18=-614/279, 14-18=-587/2388, 14-17=-2202/671, 8-21=0/251, 3-23=-63/405, 13-19=-63/405

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Provide adequate drainage to prevent water ponding.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 445 lb uplift at joint 25 and 445 lb uplift at joint 17.
7) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	T2	COMMON	1	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:24 2009 Page 1

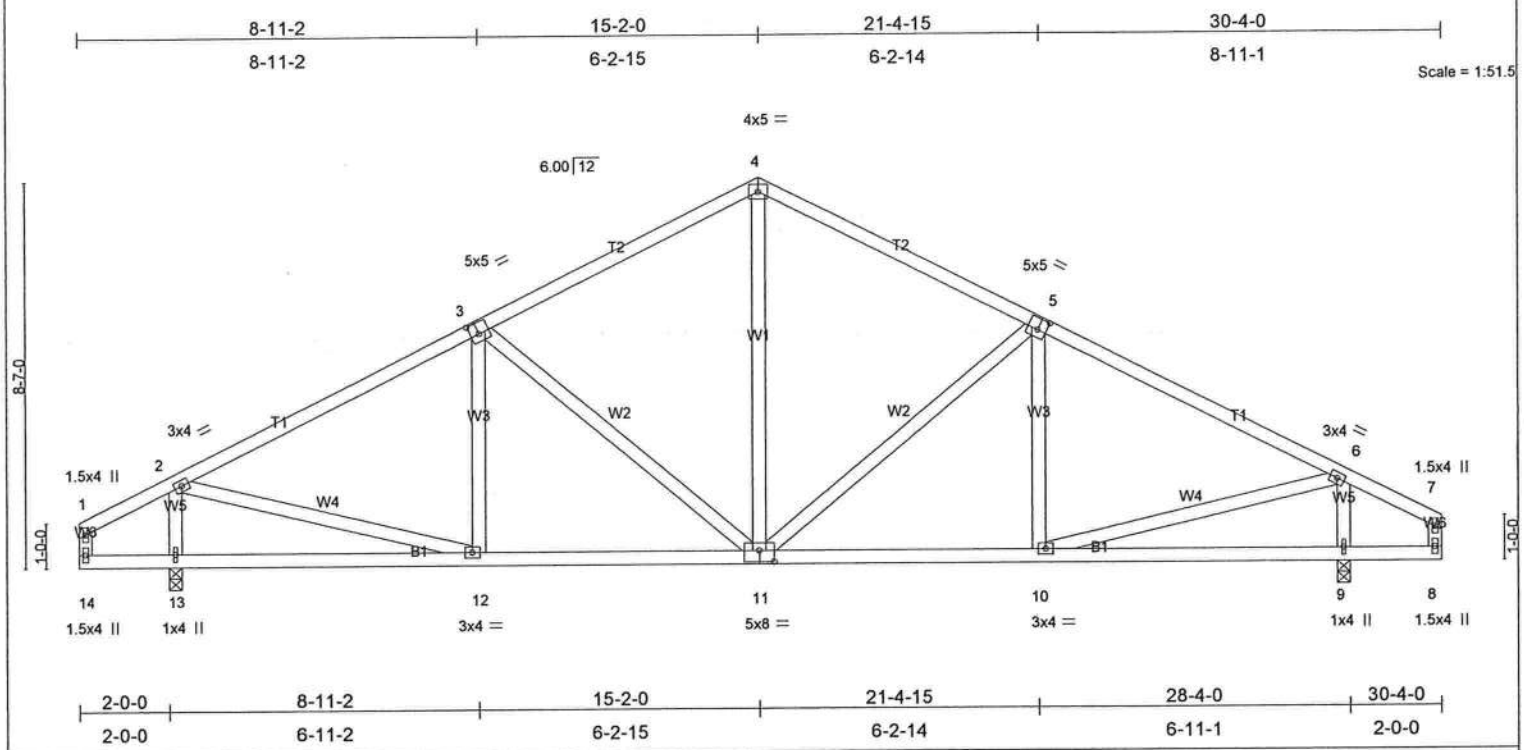


Plate Offsets (X,Y): [3:0-2-4,0-3-0], [5:0-2-4,0-3-0], [11:0-4-0,0-3-0]

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)	-0.04	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.11	12-13	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Horz(TL)	0.02	9	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.04	11	>999	180	Weight: 171 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 5-3-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 13=1202/0-3-8, 9=1202/0-3-8
Max Horz 13=-117(LC 4)
Max Uplift13=-263(LC 6), 9=-263(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1250/364, 3-4=-1015/385, 4-5=-1015/385, 5-6=-1250/364
BOT CHORD 11-12=-178/1038, 10-11=-178/1038
WEBS 2-13=-1094/437, 2-12=-220/1018, 3-11=-325/159, 4-11=-128/497, 5-11=-325/159, 6-10=-220/1018, 6-9=-1094/437

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 263 lb uplift at joint 13 and 263 lb uplift at joint 9.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	T2A	COMMON	1	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182

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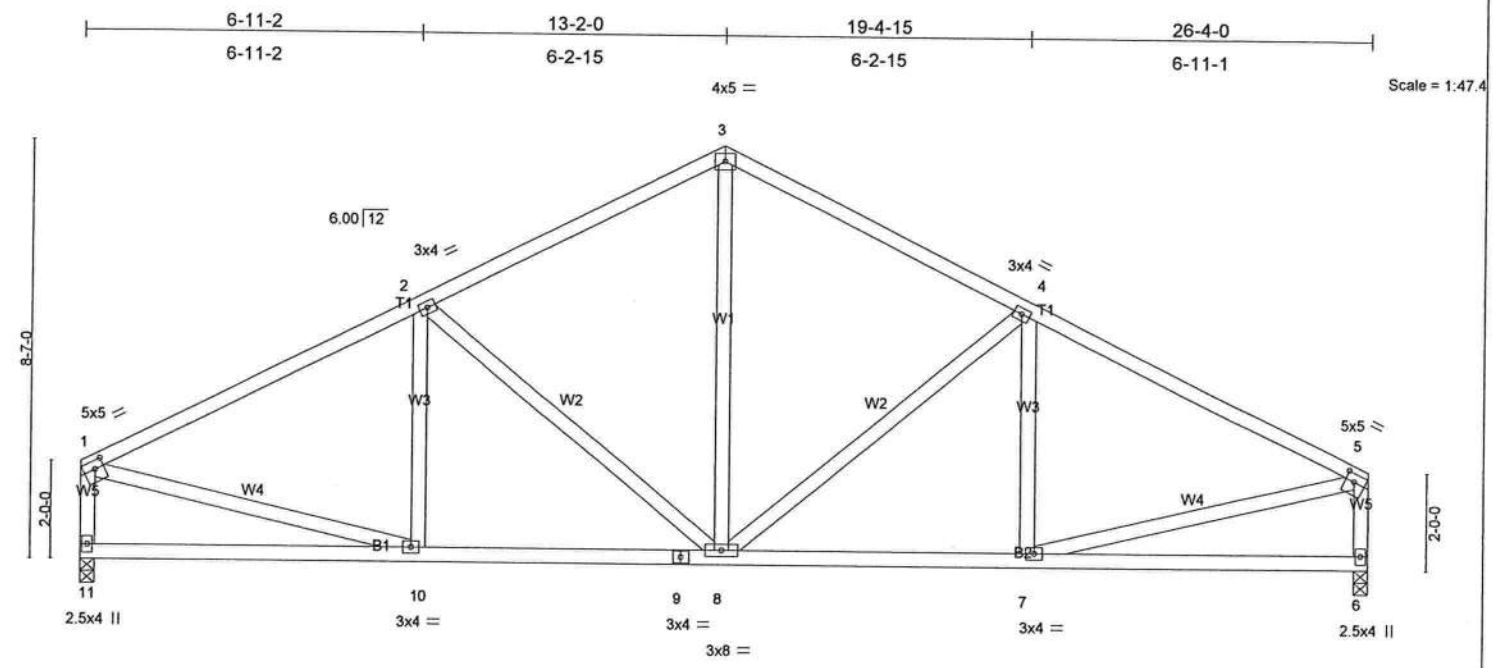

6-11-2 13-2-0 19-4-15 26-4-0
6-11-2 6-2-15 6-2-15 6-11-1

Plate Offsets (X,Y): [1:0-2-4,0-2-0], [5:0-2-4,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.71	Vert(LL)	-0.04	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.32	Vert(TL)	-0.11	8-10	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.39	Horz(TL)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.04	8-10	>999	180	Weight: 157 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 5-3-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 11=1042/0-3-8, 6=1042/0-3-8
Max Horz 11=-141(LC 4)
Max Uplift11=-184(LC 6), 6=-184(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1282/386, 2-3=-1036/400, 3-4=-1036/400, 4-5=-1282/386, 1-11=-967/321, 5-6=-967/321
BOT CHORD 9-10=-208/1065, 8-9=-208/1065, 7-8=-208/1065
WEBS 2-8=-338/165, 3-8=-145/510, 4-8=-338/165, 1-10=-173/922, 5-7=-173/922

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 184 lb uplift at joint 11 and 184 lb uplift at joint 6.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	T3	COMMON	7	1	Job Reference (optional)

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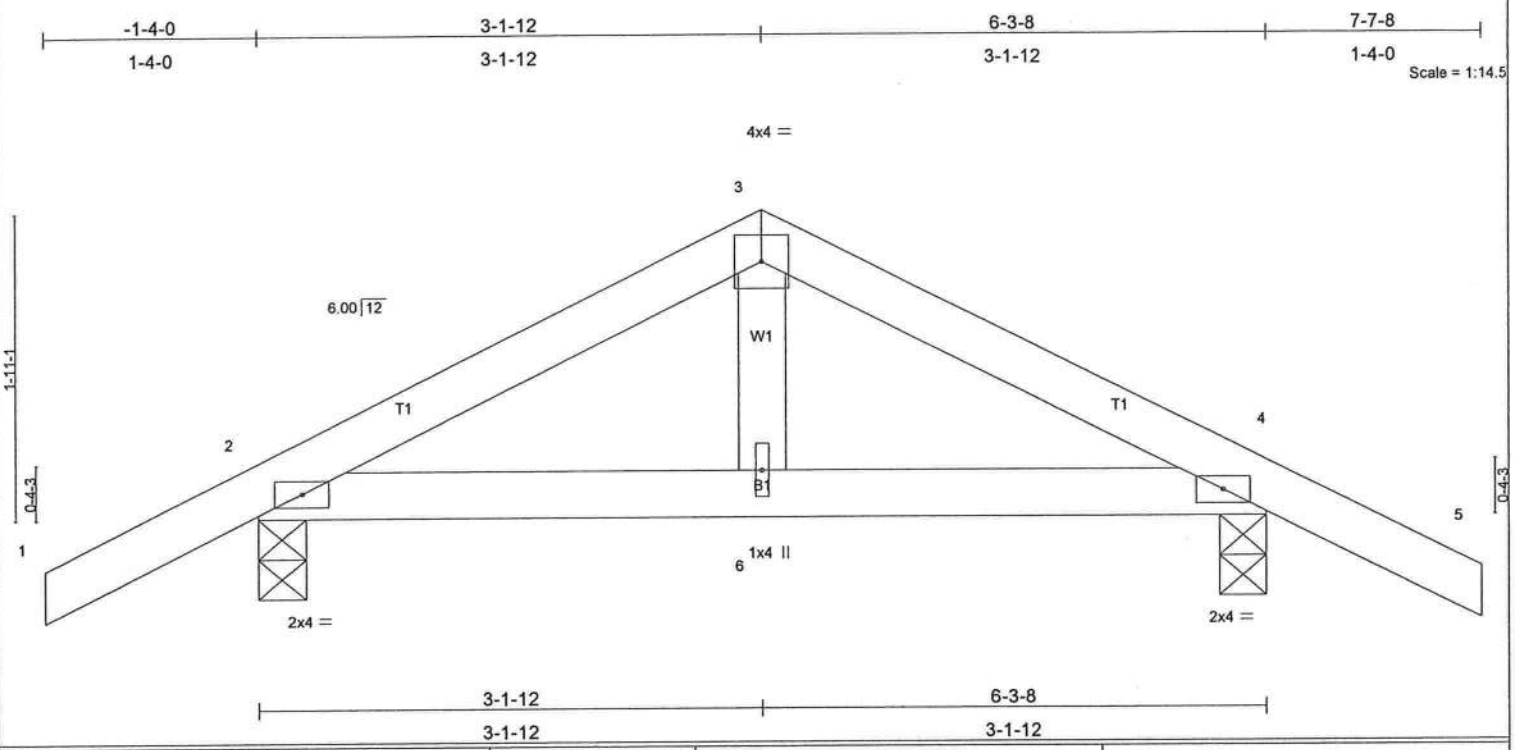

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.00	2-6	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.01	2-6	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	6	>999	180	Weight: 27 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 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=329/0-3-8, 4=329/0-3-8
Max Horz 2=-39(LC 7)
Max Uplift2=-117(LC 6), 4=-117(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-271/66, 3-4=-271/66

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 117 lb uplift at joint 2 and 117 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	T3GE	COMMON	1	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:25 2009 Page 1

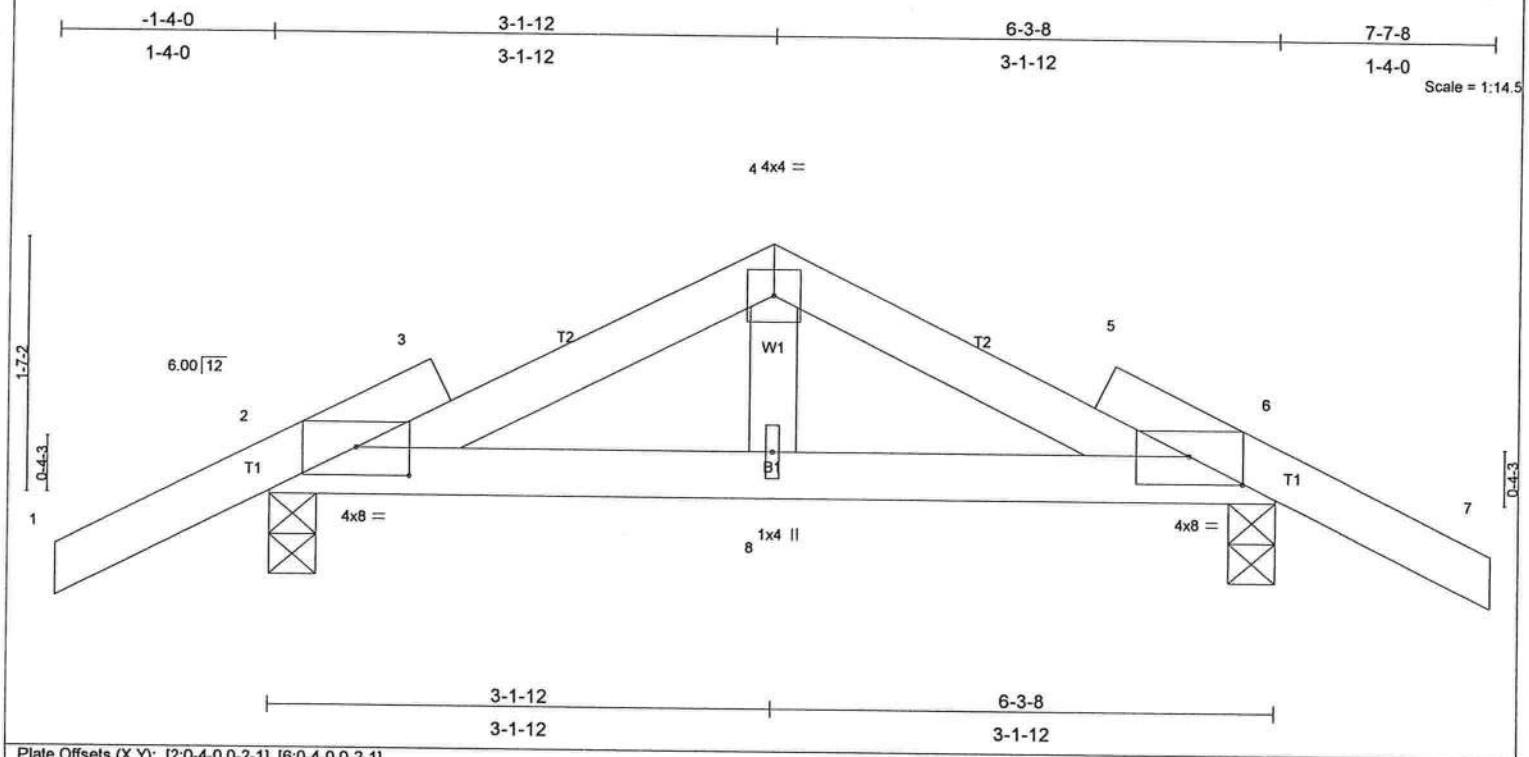

Plate Offsets (X,Y): [2:0-4-0,0-2-1], [6:0-4-0,0-2-1]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.13	Vert(LL)	-0.00	8	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.10	Vert(TL)	-0.01	8	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.00	8	>999	180	Weight: 28 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 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=329/0-3-8, 6=329/0-3-8
Max Horz 2=-35(LC 7)
Max Uplift2=-117(LC 6), 6=-117(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-286/49, 3-4=-262/66, 4-5=-262/66, 5-6=-286/49

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 117 lb uplift at joint 2 and 117 lb uplift at joint 6.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	TH1	PIGGYBACK	64	1	Job Reference (optional)

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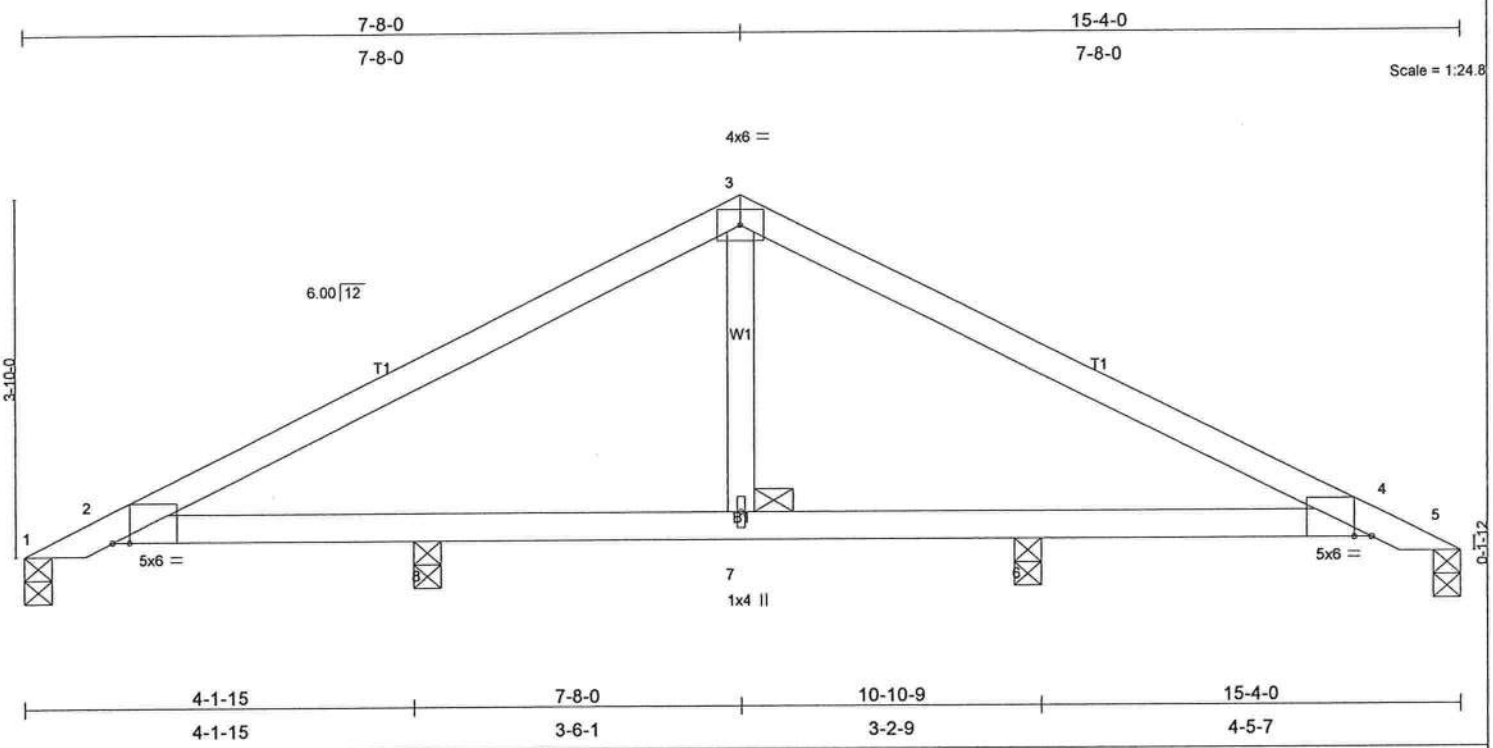


Plate Offsets (X,Y): [2:0-2-3,0-0-0], [4:0-2-3,Edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.36	Vert(LL)	-0.04	4-6	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.71	Vert(TL)	-0.08	4-6	>643	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.06	5	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.04	4-6	>999	180	Weight: 50 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 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 7

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 0-3-8.
(lb) - Max Horz 1=45(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 8, 6
Max Grav All reactions 250 lb or less at joint(s) except 1=265(LC 1), 5=277(LC 1), 8=332(LC 1), 6=334(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-394/147, 3-4=-393/147
BOT CHORD 2-8=-31/280, 7-8=-31/280, 6-7=-31/280, 4-6=-31/280

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 8, 6.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	TH2	PIGGYBACK	2	3	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:26 2009 Page 1

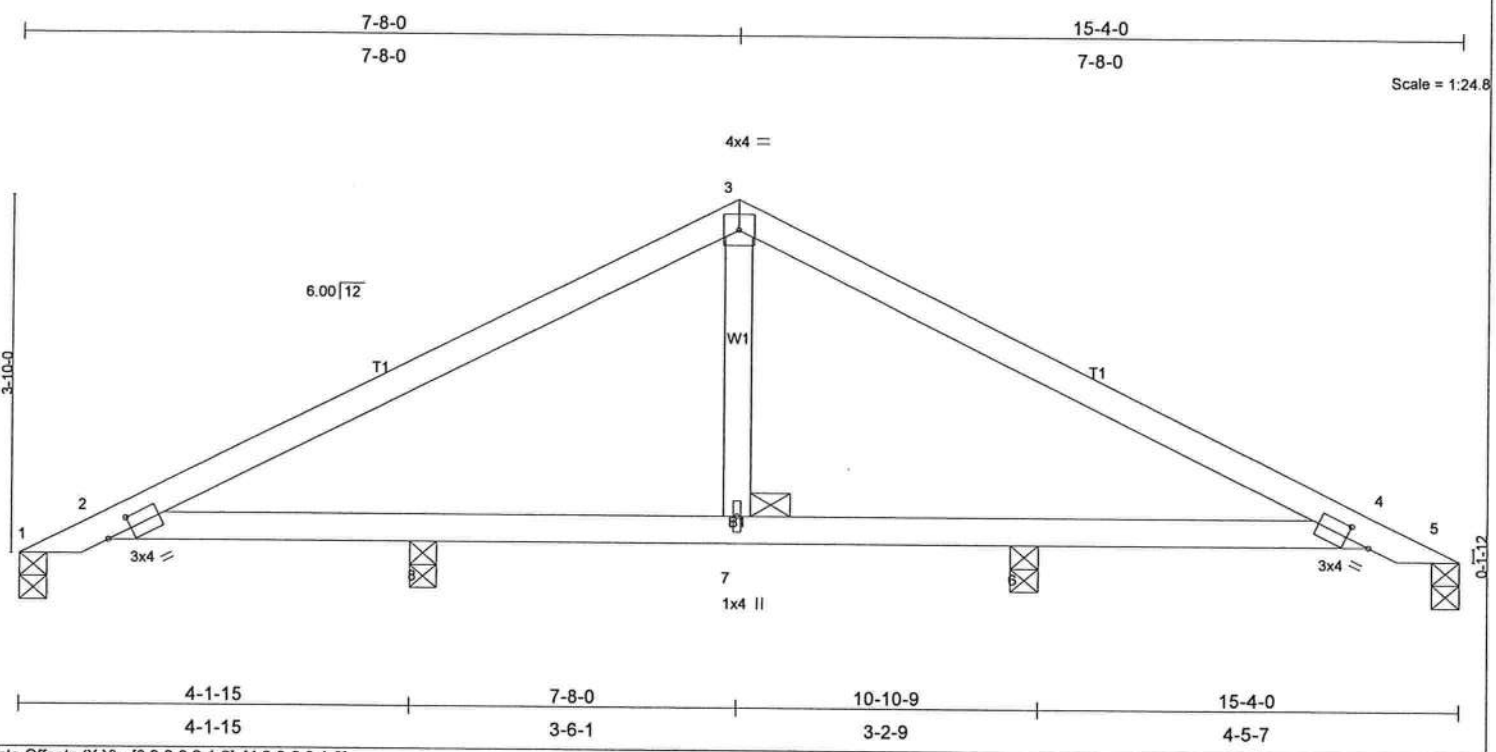


Plate Offsets (X,Y): [2:0-3-3,0-1-8], [4:0-3-3,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.12	Vert(LL)	-0.01	4-6	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.22	Vert(TL)	-0.03	4-6	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.01	4-6	>999	180	Weight: 150 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 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 7

REACTIONS All bearings 0-3-8.
(lb) - Max Horz 1=45(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 8, 6
Max Grav All reactions 250 lb or less at joint(s) except 1=265(LC 1), 5=277(LC 1), 8=332(LC 1), 6=334(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-394/147, 3-4=-393/147
BOT CHORD 2-8=-31/280, 7-8=-31/280, 6-7=-31/280, 4-6=-31/280

NOTES
1) 3-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 4 - 1 row 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 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 8, 6.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	TH3	GABLE	2	1	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:27 2009 Page 1

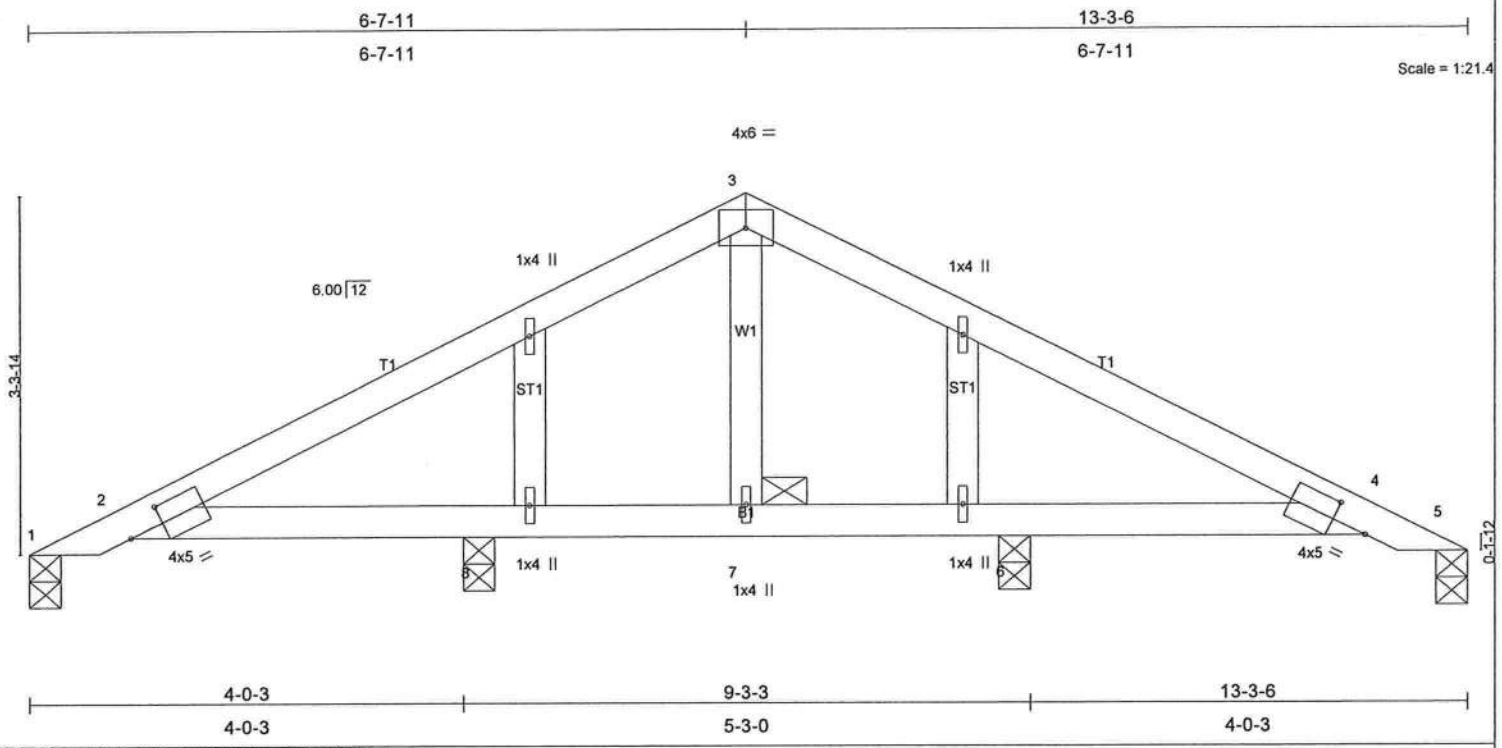


Plate Offsets (X,Y): [2:0-3-15,0-2-0], [4:0-3-15,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.26	Vert(LL)	-0.02	2-8	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.51	Vert(TL)	-0.05	4-6	>991	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.04	5	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.03	4-6	>999	180	Weight: 48 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
OTHERS 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 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 7

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 0-3-8.
(lb) - Max Horz 1=-39(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 8=314(LC 1), 6=314(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-253/105, 3-4=-253/105

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 8, 6.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	84 Lumber Store #1314 (MEDICAL OFFICE)
22998	TH4	PIGGYBACK	2	2	Job Reference (optional)

SC Truss 900 Cox Road Cocoa Fla. 32926, M. Martinez PE#47182 — 7.060 s Aug 6 2008 MiTek Industries, Inc. Wed Apr 15 07:50:27 2009 Page 1

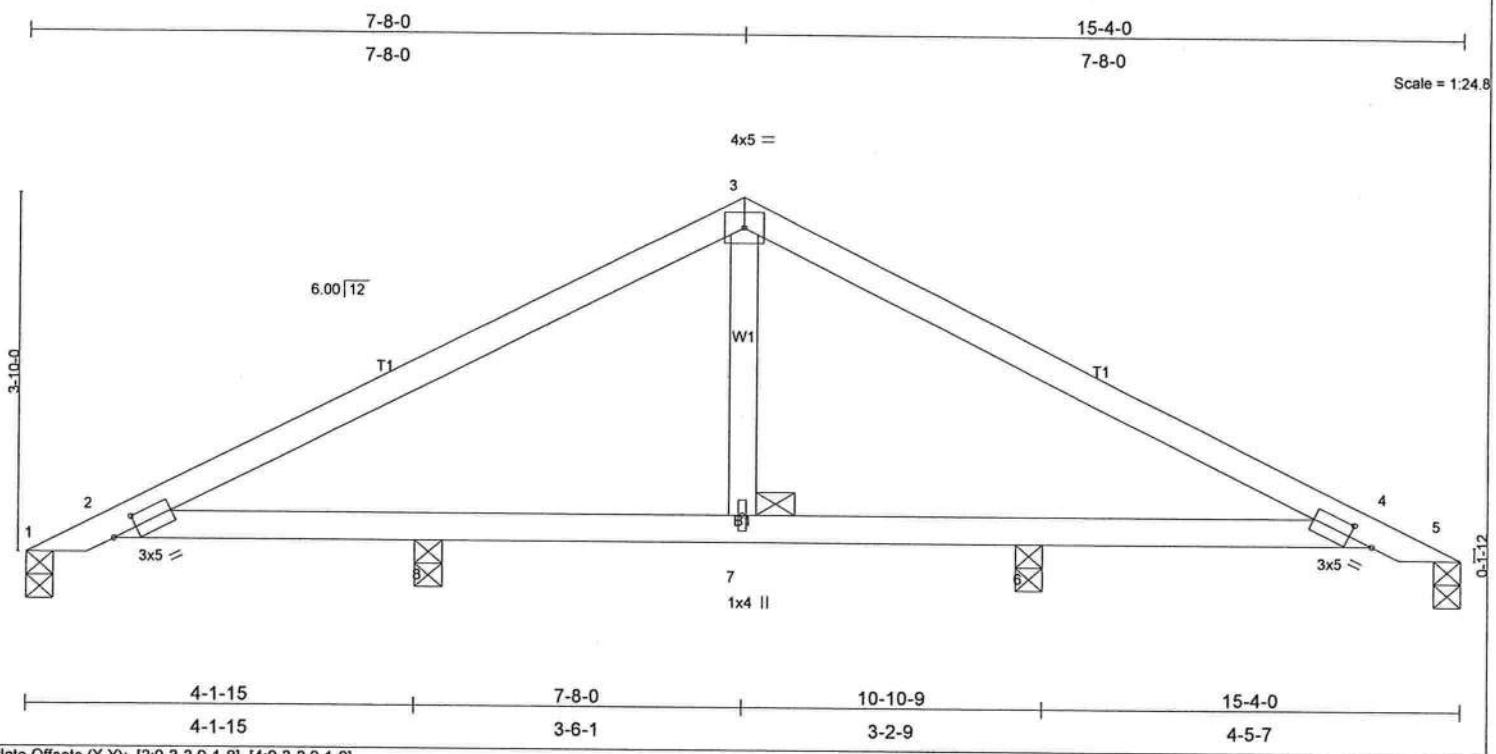


Plate Offsets (X,Y): [2:0-3-3,0-1-8], [4:0-3-3,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.18	Vert(LL)	-0.02	4-6	>999	240	MT20	244/190
TCDL	10.0	Lumber Increase	1.25	BC	0.36	Vert(TL)	-0.04	4-6	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(TL)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2007/TPI2002		(Matrix)		Wind(LL)	0.02	4-6	>999	180	Weight: 100 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 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 7

REACTIONS All bearings 0-3-8.
(lb) - Max Horz 1=45(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 8, 6
Max Grav All reactions 250 lb or less at joint(s) except 1=265(LC 1), 5=277(LC 1), 8=332(LC 1), 6=334(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-394/147, 3-4=-393/147
BOT CHORD 2-8=-31/280, 7-8=-31/280, 6-7=-31/280, 4-6=-31/280

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 4 - 1 row 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 7-05; 100mph (3-second gust); TCDL=4.2psf; BCDL=5.8psf; h=15ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.00
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) Bearing at joint(s) 1, 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 8, 6.

LOAD CASE(S) Standard

REV=09/04/08 · JT

KDV / VALLEY SET NOTES

(X) 2x6 SP #2 OR BETTER SLEEPER, ATTACH THROUGH SHEATHING TO TRUSSES BENEATH WITH (3) 16D COMMON OR (4) GUN NAILS.
(Y) ATTACH BOTTOM CHORD OF VALLEY GABLE TO SLEEPER WITH 16D COMMON NAILS @ 6" O.C., OR GUN NAILS @ 4" O.C.
(Z) VALLEY GABLE TRUSS, REFER TO GABLE END DETAILS.

IN LIEU OF 1x4 "T" BRACING, 1x4 #3 HEM-FIR (OR BETTER) CONTINUOUS LATERAL BRACING MAY BE USED. Attach WITH (2)-8d OR (2) 0.128"x3" GUN NAILS. BRACING MATERIAL TO BE ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT.

FOR VALLEY VERTICALS THAT ARE OVER 7'9" TALL, APPLY 1x4 "T" BRACE, SAME GRADE AS WEB MEMBER. ATTACH WITH 8d OR 0.128"x3" GUN NAILS @ 6" O.C.

MAXIMUM VALLEY HEIGHT MAY NOT EXCEED 12'0"

TRUSS TOP CHORD UNDER VALLEY SET MUST HAVE SHEATHING ATTACHED TO THEM WITH NAILS SPACED PER CODE REQUIREMENTS, OR PROPERLY ATTACHED VALLEY TRUSSES MAY BE USED IN LIEU OF SHEATHING OR PURLINS, SEE NOTE (**)

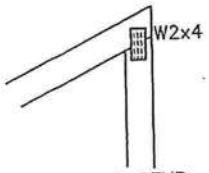
150 MPH WIND, 30 FT-MEAN HGT, ASCE 7-05, PART. ENC. BLOG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TCDL=5.0 PSF, WIND BCDL=5.0 PSF.

XXX-FOR VALLEY TRUSSES RUN PARALLEL WITH TRUSSES BELOW, FASTEN 2x4 #2 SYP PURLINS @ 48" O.C. WITH (2) 16d NAILS EACH END, ATTACH VALLEY TRUSSES TO PURLINS USING STANDARD ** NOTE ABOVE.

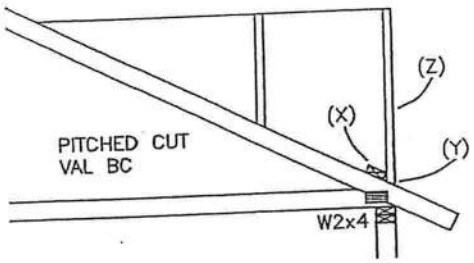
ATTACH EACH VALLEY MEMBER TO EACH SUPPORTING TRUSS WITH 560# CONNECTION OR WITH (2) USP RT7 CONNECTORS OR EQUIVALENT.
+LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12-0-0.

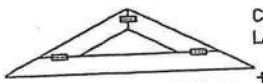
NOTE: BOTTOM CHORD MAY BE SQUARE CUT OR PITCHED CUT.

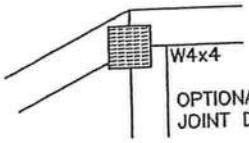
TCLL	20	or	30
TCDL	7	or	15
BCLL	0	or	10
BCDL	10	or	10
TOTLD.	37	or	65
DUR. FAC	1.25	or	1.33



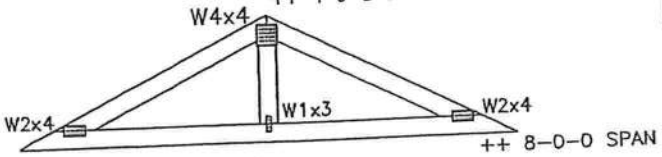
OPTIONAL STUB END DETAIL



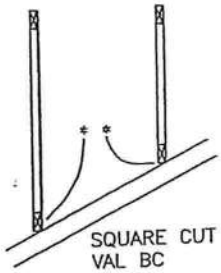

CUT FROM 2x6 OR LARGER AS REQ'D
++ 4-0-0 SPAN



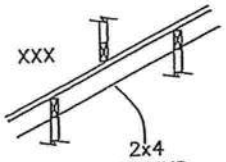
OPTIONAL HIP JOINT DETAIL

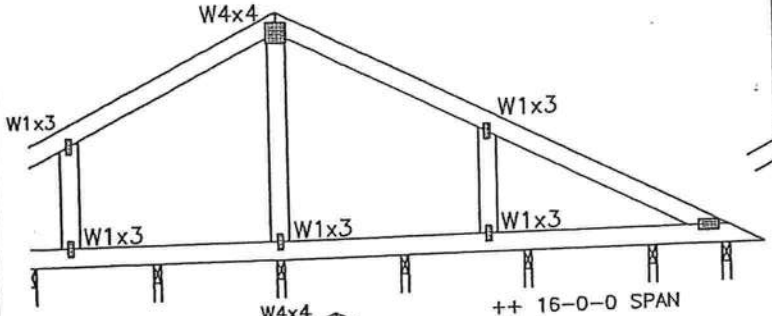


++ 8-0-0 SPAN

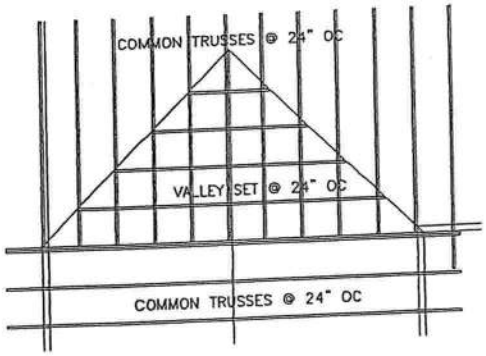


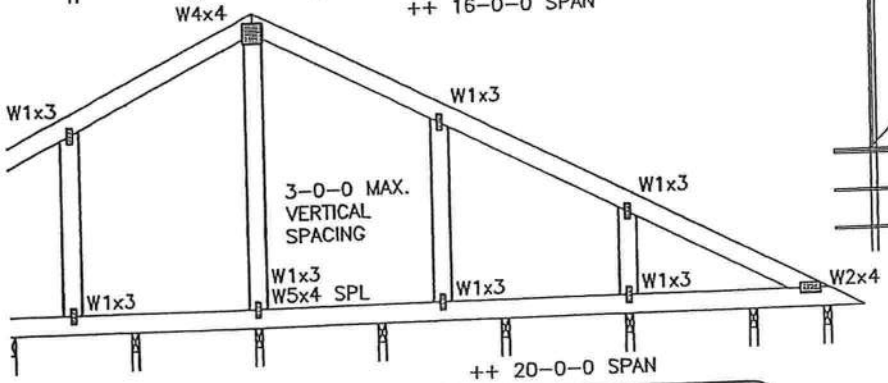
SQUARE CUT VAL BC





++ 16-0-0 SPAN





++ 20-0-0 SPAN

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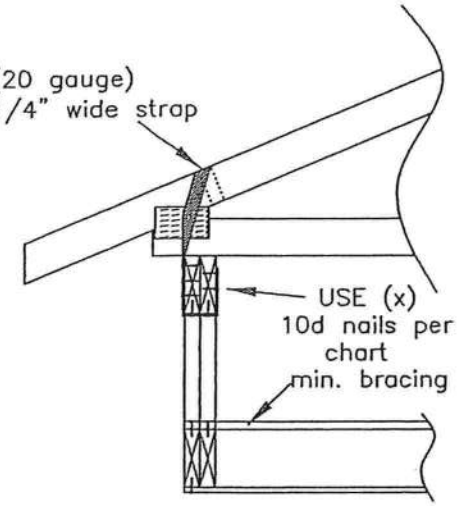
TRUSS TO TRUSS STRAP DETAIL

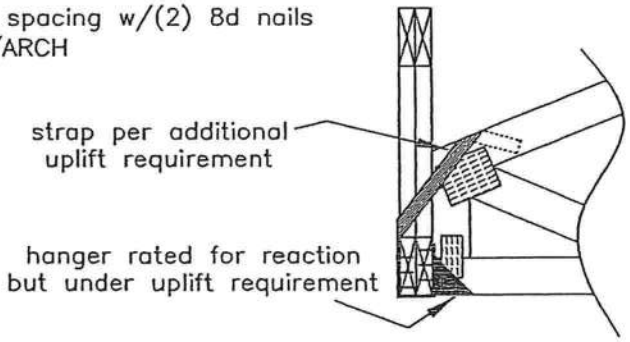


Straps may be used in conjunction with hanger as required for uplift

(20 gauge) x 1–1/4" wide strap

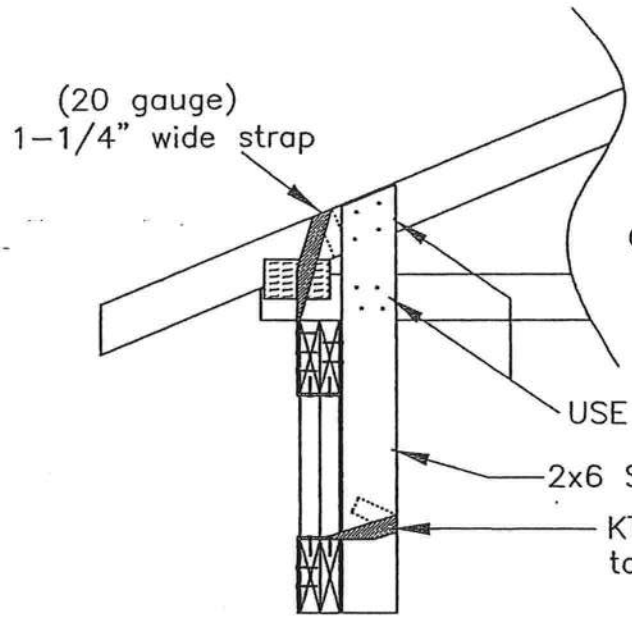
10) 10d nails (5 each end of strap) = 805# uplift
12) 10d nails (6 each end of strap) = 970# uplift
14) 10d nails (7 each end of strap) = 1130# uplift
16) 10d nails (8 each end of strap) = 1250# uplift

Double up straps as required for uplift



FLAT GIRDER BOTTOM CHORD BRACING DETAIL

FOR PORCH GIRDERS BELOW OR WITHOUT CLG DIAPHRAGM PER TRUSS ENGINEERING



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CORNER JACK NAILING DETAIL

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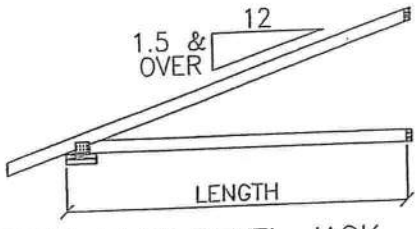
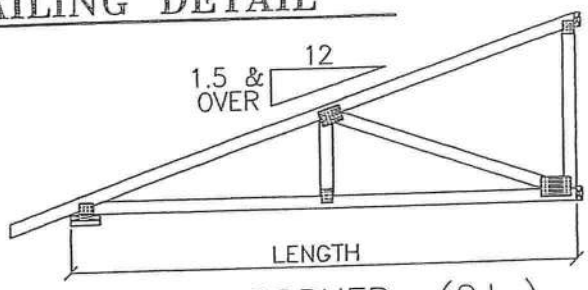


TYPICAL FLAT BEVEL JACK (BJ_)



TYPICAL CORNER (CJ_)

ASSUMPTIONS:
lumber= SYP 2x4 or 2x6
attachment= 3"x 0.131" (10d) GUN NAILS WITH 1.31" OF NAIL INTO CHORD OFF HIP GIRDER AND /OR SCAB.

NOTE: NDS = NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.

132.5# per NIAL (D.O.L. FACTOR = 1.25) NDS TOE NAILS ONLY HAVE 0.83 OF LATERAL RESISTANCE VALUE.

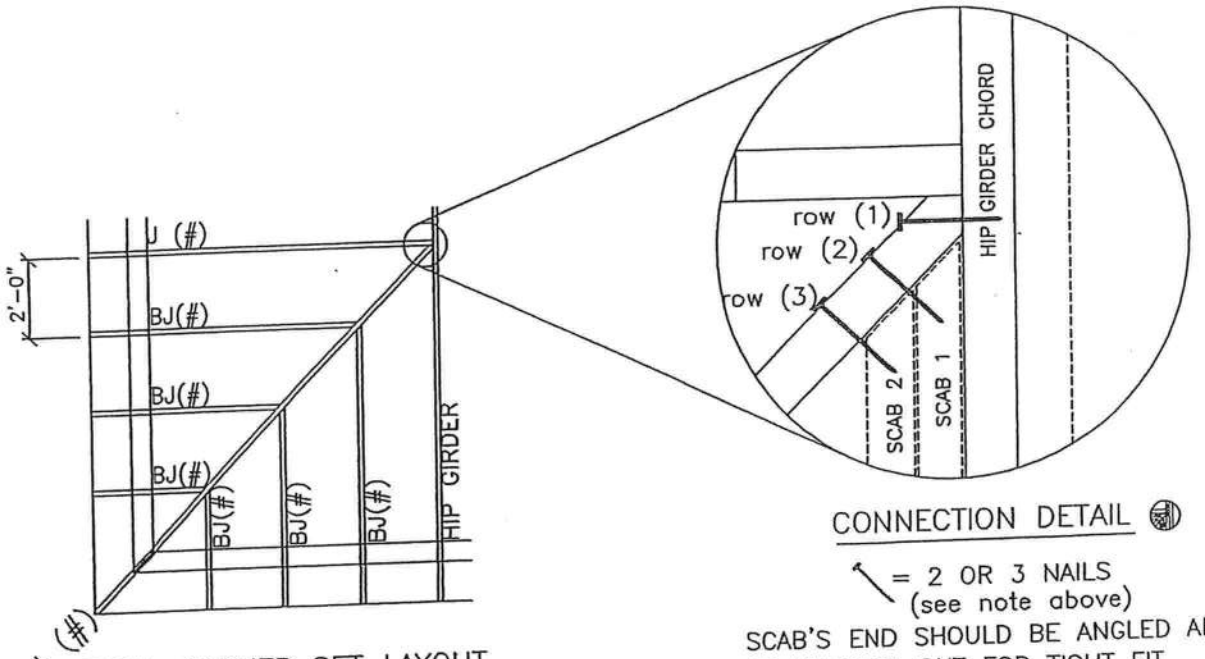
CONDITION TYPE and ALLOWABLE REACTION PER JOINT

A) UP TO 265 # ROW (1) ONLY REQ. =(2) NAILS TOTAL – NO SCAB REQUIRED.

B) UP TO 394 # ROW (1) ONLY REQ. =(3) NAILS TOTAL – NO SCAB REQUIRED.

C) UP TO 788 # ROW (1) & (2) REQ. =(6) NAILS TOTAL – 1 FT SCAB REQ. ON GIRDER CHORD.
(connect scab to chord W/(4) 10d gun nails)

C) UP TO 1182 # ROW (1) & (2) & (3) REQ. =(9) NAILS TOTAL – 2 FT SCAB REQ. ON GIRDER CHORD.
(connect scab to chord W/(8) 10d gun nails)
ADDITIONAL 1 FT SCAB REQ. ON 2 FT SCAB.
(connect 1 FT scab to 2 FT scab W/ (4) 10d gun nails)



TYPICAL CORNER SET LAYOUT
N.T.S.

CONNECTION DETAIL

= 2 OR 3 NAILS
(see note above)

SCAB'S END SHOULD BE ANGLED AND/ OR BEVELED OUT FOR TIGHT FIT.

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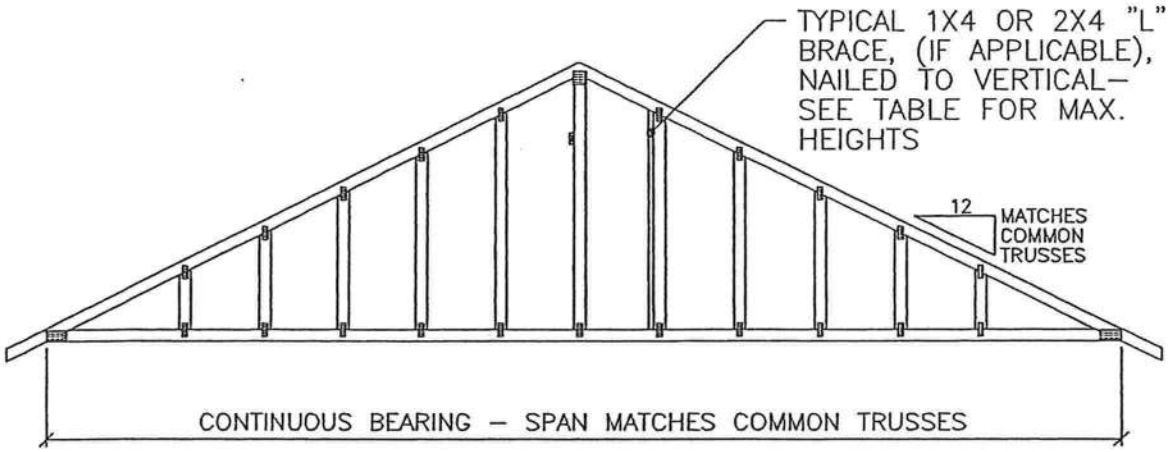
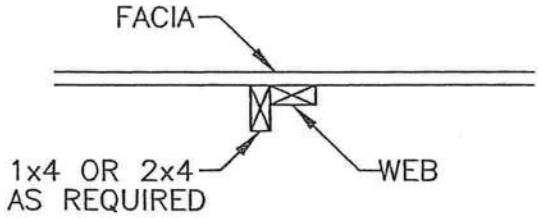
TYPICAL GABLE END DETAIL



TYPICAL GABLE END



"L" BRACE DETAIL

NOTE:

1) USE 8d GUN NAILS AT 4" O.C. FOR 1x4 AND 10d AT 4" O.C. FOR 2x4.
2) MAXIMUM HEIGHT TABLE IS BASED ON USING 7/16" STRUCTURAL SHEATHING (MIN.) ON THE FACE OF THE GABLE END TRUSS.
3) MATCH GRADE & SPECIES OF BRACED MEMBER.

MAXIMUM HEIGHT TABLE

USING –50 PSF DERIVED FROM 140 MPH, C EXPOSURE, ZONE 5, PER ASCE 7–98

SPACING OF VERTICALS	MAX. LENGTH NO BRACE	MAX. LENGTH 1x4 BRACE	MAX. LENGTH 2x4 BRACE*
12"	7'–2"	11'–9"	13'–3"
16"	7'–3"	11'–2"	12'–6"
24"	6'–10"	10'–5"	10'–5"

* BEYOND THIS LENGTH USE 2x6.

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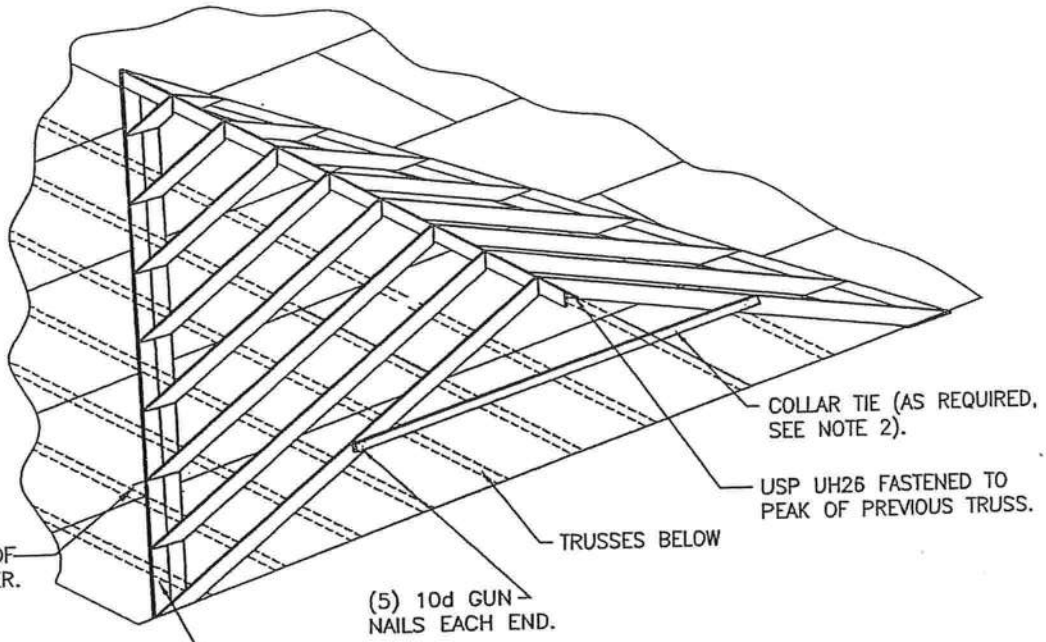
GENERAL VALLEY NOTES:

(1) RAFTERS TO BE 2x4 SPACED 24" O.C. UP TO 8', USE 2x6 UP TO 12' LENGTH.
(2) RAFTER LENGTHS (FROM RIDGE TO CLEAT) OVER 12'-0" TO HAVE (2x4) COLLAR TIE, OR KICKER, AT 1/2 RAFTER SPAN (UP TO 24'-0" MAX RAFTER LENGTH).
(3) RIDGE BOARD SHALL BE 2x6 MIN. FOR 2X4 RAFTERS, & 2X8 MIN. FOR 2X6 RAFTERS.
(4) ATTACH RAFTERS 4' OR LONGER TO RIDGE BOARD AND CLEAT USING (1) USP RT7 CONNECTOR, NAILED WITH (10) 8d x 1-1/2" NAILS, ALL OTHERS TOE-NAIL WITH 0.131 x 3" GUN NAILS.
(5) ALL CONVENTIONAL FRAMING LUMBER SHALL BE SPF STUD GRADE OR BETTER.



(2)2x4 CLEAT UNDER VALLEY FRAMING ANCH TO EA. TRUSS BELOW W/ (4) 0.131 x 3" GUN NAILS FOR VALLEY RAFTERS 6' AND LESS. OVER 6' US 12" STRAP. IF CLEAT IS OVER SHEATHING & VALLEY RAFTER IS OVER 6' LONG, USE (1) 3/8" x 4" LAG SCREW W/ 1" WASHER PER TRUSS OR CUT SLOT & WRAP 12" STRAP (ANY MFGR) AROUND TRUSS BELOW. FILL ALL HOLES W/ 8d x 1-1/2" NAILS (MIN.), SPACED (2) TRUSSES MAX.

1501
29JUL05

VALLEY FRAMING DETAIL

SCALE: NTS

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TYPICAL PIGGYBACK ATTACHMENT DETAIL

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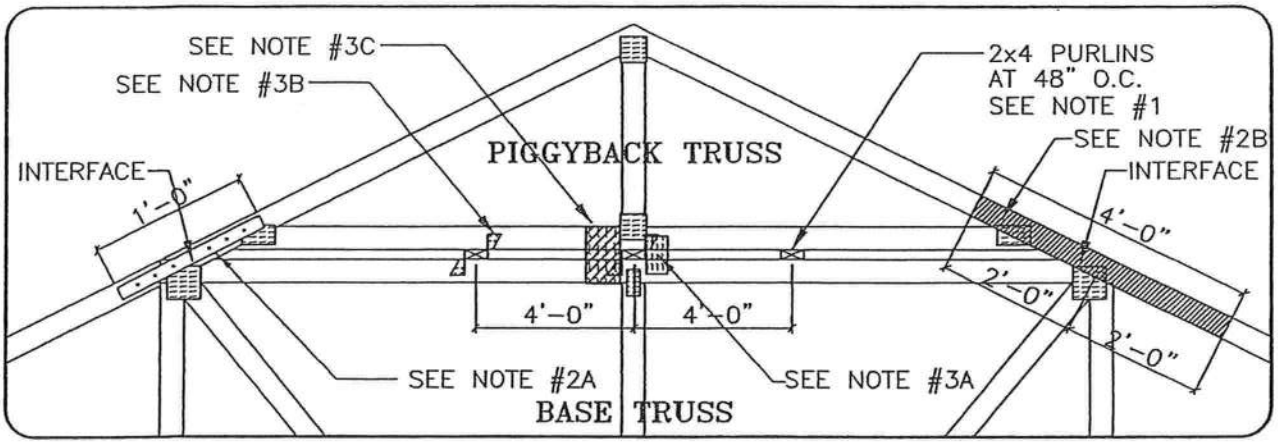

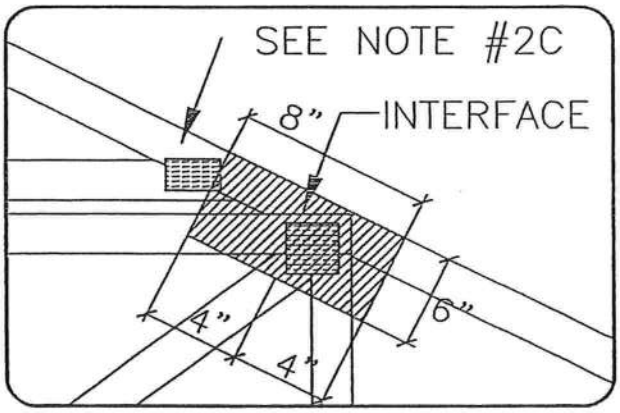

WIND DESIGN: MAX. 140 MPH PER ASCE 7-98.

NOTE:

1) 2x4 PURLINS ON FLAT TOP CHORD SECTION OF BASE TRUSS AT ALL JOINTS. NOT TO EXCEED 4'-0" O.C. OR THE MAXIMUM ALLOWABLE PURLIN SPACING OF BASE TRUSS- (SEE BASE TRUSS ENGINEERING FOR MAX. SPACINGG) ATTACH PURLINS TO TOP CHORD OF BASE TRUSS WITH MIN. 2 EA. 10d NAILS.

2) IF SHEATHING DOES NOT OVERLAP PIGGYBACK / BASE TRUSS INTERFACE BY AT LEAST 8", ATTACH PIGGY BACK USING ONE OF THE FOLLOWING:

   a- 1-¼" X 20" 20 GAUGE STRAP (USP # LSTA-12 OR EQUIVALENT) TO ONE SIDE OF TRUSS CENTERED ON INTERFACE WITH MIN. 5 EA. 8d NAILS EACH SIDE OF INTERFACE;
   b- 2x4 X 4'-0" GRADED SCAB TO ONE SIDE OF TRUSS CENTERED ON INTERFACE WITH MIN. 10d NAILS STAGGERED 3" O.C. FULL LENGTH OF SCAB;
   c- 6"x8" NOM. 1/2" STRUCTURAL SHEATHING GUSSET PLATE TO BOTH SIDES OF TRUSS CENTERED ON INTERFACE WITH MIN. 5 EA. 8d NAILS EACH SIDE OF INTERFACE.

3) FOR PIGGBACKS OVER 12'-0" IN LENGTH USE ONE OF THE FOLLOWING IN ADDITION TO THE ABOVE REQUIRMENTS

   a- ATTACH MITEK 18 ga 7H HAMMER ON PLATES ON EACH SIDE OF TRUSS AT EACH BASE TRUSS JOINT;
   b- USP FRAMING ANCHOR HCDP OR SIMPSON H 2.5, ONE CONNECTED TO PIGGYBACK AND PURLIN, AND ONE CONNECTED TO PURLIN AND BASE TRUSS STARTING AT MIDDLE OF PIGGYBACK AND EVERY OTHER PURLIN;
   c- 6"x8"x 1/ 2" STRUCTURAL SHEATHING GUSSET PLATE AT EACH BASE TRUSS JOINT BOTH SIDES OF TRUSS, USING MIN. 3 EACH 6d NAILS EACH CHORD- (TOTAL 12 NAILS)

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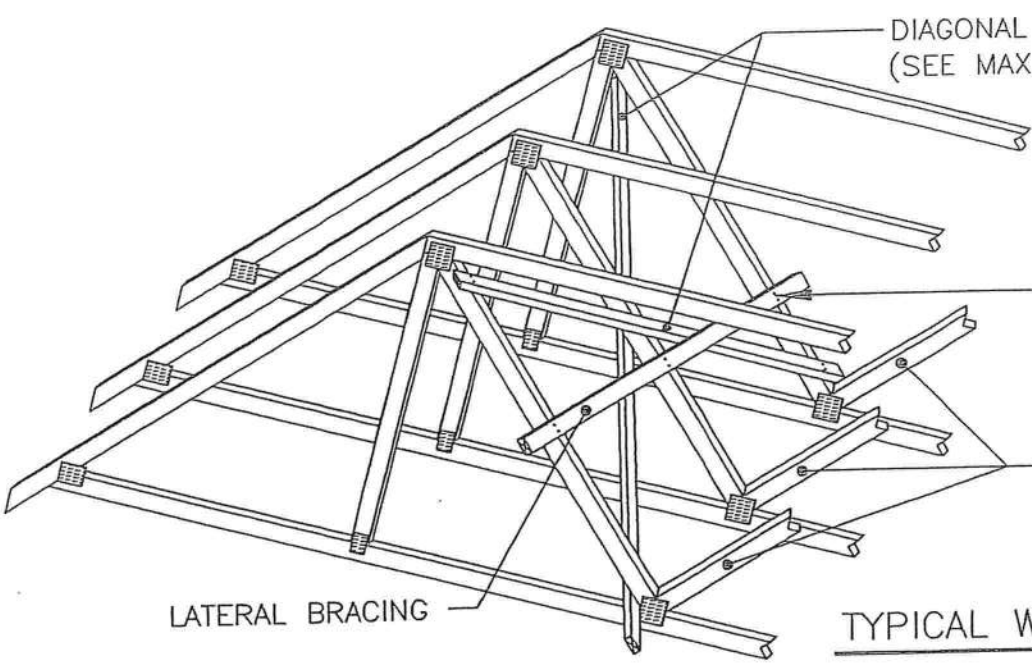
WEB LATERAL BRACING RECOMMENDATIONS



TYPICAL WEB BRACING

TYPE	BRACING MATERIALS
A	1x4 #2 STD. CONST. (SPF, DF, HF, OR SYP)
B	2x3 #3 STD. CONST. (SPF, DF, HF, OR SYP)
C	2x4 #3 STD. CONST. (SPF, DF, HF, OR SYP)
D	2x6 #3 STD. CONST. (SPF, DF, HF, OR SYP)

GENERAL NOTES:

1) THE DIAGONAL BRACING (X- BRACING) TRANSFER THE CUMULATIVE LATERAL BRACE FORCES INTO THE ROOF AND/OR CEILING DIAPHRAGM. **NO** ADDITIONAL LATERAL FORCE HAS BEEN ADDED FOR WIND.
2) THESE DIAPHRAGM CALCULATIONS ARE BASED ON THE LATERAL BRACE CARRYING 2% OF THE WEB FORCE.
3) DIAGONAL BRACING MATERIAL MUST BE THE SAME SIZE AND GRADE (OR BETTER) AS THE LATERAL BRACING MATERIAL AND SHALL BE NAILED AT EACH END AND EACH INTERMEDIATE TRUSS WITH (2) 10d GUN NAILS ({3} 10d GUN NAILS FOR 2x6 DIAGONALS).
4) CONNECT LATERAL BRACE TO EACH TRUSS WITH (2) 10d GUN NAILS ({3} 10d GUN NAILS FOR 2x6 LATERAL BRACES).
5) THE 10d NAILS SPECIFIED SHOULD BE 3.0" LONG AND .131" IN DIAMETER.
6) LATERAL BRACING SHOULD BE CONTINUOUS AND SHOULD OVERLAP AT LEAST ONE TRUSS SPACE FOR CONTINUITY.
7) FOR ADDITIONAL GUIDANCE REGARDING DESIGN AND INSTALLATION OF TRUSS BRACING, REFER TO HIB-91 SUMMARY SHEET.
8) SEE SEPARATE TRUSS ENGINEERING FOR WEB FORCES.

MAXIMUM WEB FORCE (LBS.)**

X-BRACE BAY SIZE	24" ON CENTER BRACING MATERIAL TYPE				48" ON CENTER BRACING MATERIAL TYPE				72" ON CENTER BRACING MAT. TYPE	
	A	B	C	D	A	B	C	D	C	D
10'-0"	4600 *	4600 *	4600 *	6900 *	1344	4600 *	4600 *	6900 *	4034	6382
12'-0"	3942 *	3942 *	3942 *	5914 *	1344	3942 *	3942 *	5914 *	3942 *	5914 *
14'-0"	3450 *	3450 *	3450 *	5175 *	1344	3450 *	3450 *	5175 *	3450 *	5175 *
16'-0"	3066 *	3066 *	3066 *	4600 *	1344	3066 *	3066 *	4600 *	3066 *	4600 *
18'-0"	2760 *	2760 *	2760 *	4140 *	1344	2760 *	2760 *	4140 *	2760 *	4140 *
20'-0"	2509 *	2509 *	2509 *	3763 *	1344	2509 *	2509 *	3763 *	2509 *	3763 *

*CONTROLLED BY CONNECTION

**MAX. FORCES FROM MITEK DETAIL # LB-001-080193

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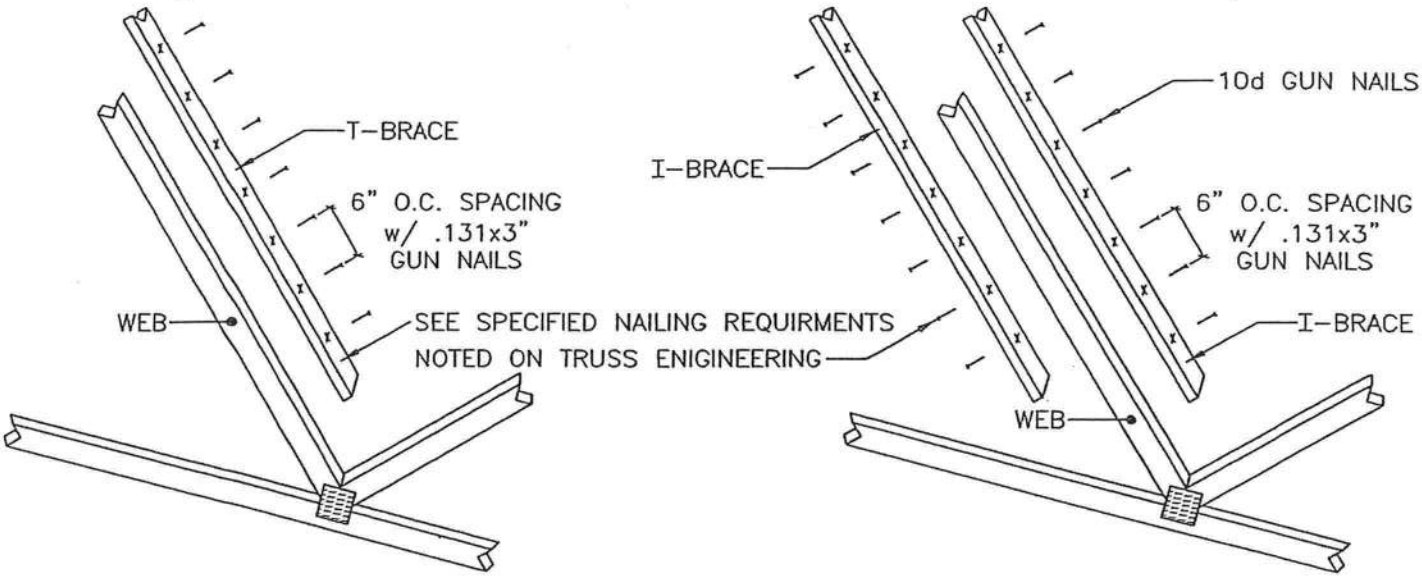
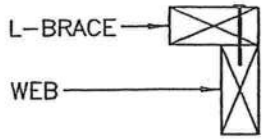
WEB BRACING RECOMMENDATIONS

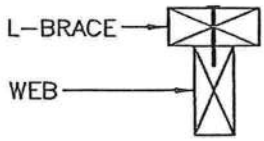
(PER SPECIFIED CONTINUOUS ROWS OF LATERAL BRACING IN TRUSS ENGINEERING)



TYPICAL T-BRACING

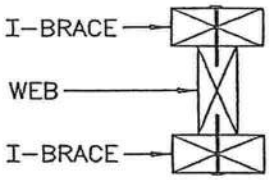


L-BRACE SECTION



T-BRACE SECTION

TYPICAL I-BRACING



I-BRACE SECTION

NOTE:

1) T-BRACING TO BE USED WHEN CONTINUOUS LATERAL BRACING IS IMPRACTICAL
   T-BRACING MUST COVER 90% OF WEB LENGTH.
2) I-BRACING TO BE USED WHEN (2) RROWS CONTINUOUS LATERAL BRACING IS INPRACTICAL
   I-BRACE MUST COVER 90% OF WEB LENGTH. (both sides)
3) L-BRACE CONFIGUARATION MAY BE USED IN LIEU OF T-BRACE
4) SEE SPECIFIED NAILING REQUIREMENTS NOTED ON TRUSS ENGINEERING.
5) MATERAL SHALL BE SPF OR SYP GRADED LUMBER.

T AND I -BRACING SIZE TABLE

(PER SPECIFIED CONTINUOUS ROWS OF LATERAL BRACNG IN TRUSS ENGINEERING)

	ONE-PLY TRUSS		TWO-PLY TRUSS	
WEB SIZE	1 ROW	2 ROWS	3 ROWS	4 ROWS
2x3	1x4	2x4	2x4	2x4
2x4	1x4	2x4	2x4	2x4
2x6	1x6	2x6	2x6	2x6
2x8	2x8	2x8	2x8	2x8

SPACE COAST TRUSS, INC.

CORPORATE OFFICE

201 PAINT ST.
ROCKLEDGE, FL 32955
(321) 632-7511
(321) 638-8800

G:\SPACE COAST TRUSS\BOOK DETAILS\DETAILS-2008.DWG

REPAIR FOR BROKEN WEB/CHORD

REPAIR: (REF. NDS-91)

1) SHORE TRUSS TO PROPER LEVEL
2) REALIGN BROKEN WEB
3) APPLY APPROPRIATE SCAB AND NAILING AS INDICATED IN TABLE BELOW:

SCAB SHALL BE OF THE SAME SIZE, GRADE, AND SPECIES AS THE WEB MEMBER (U.N.O.) OR BETTER. ALL NAIL VALUES ARE BASED UPON PNEUMATIC DRIVEN 10d GUN NAILS AND S.Y.P. LUMBER.

NOTE:

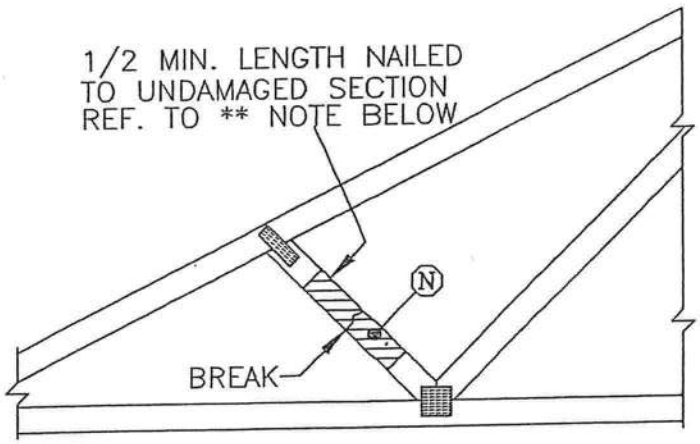
NAILS SHALL BE DISTRIBUTED SO THAT THE END DISTANCE, EDGE DISTANCE, AND SPACING WILL AVOID UNUSUAL SPLITTING OF THE WOOD.

NOTE:

SCAB BOTH SIDES, SAME SIZE & SPECIES OF WEB/CHORD. TOTAL NAILS INCLUDE BOTH SCABS. STRESS INCREASE = 1.14 OR 112#/NAIL.

TOTAL NAILS (10d GUN)	CHORD/WEB FORCE (LBF.)	MIN. SCAB LENGTH (FT.)
12	672 #	1'-6"
16	896 #	2'-0"
20	1120 #	2'-4"
24	1344 #	2'-8"
28	1568 #	3'-0"
32	1792 #	3'-4"
36	2016 #	3'-8"
40	2240 #	4'-0"
44	2464 #	4'-4"
48	2688 #	4'-8"
52	2912 #	5'-0"
56	3136 #	5'-4"
60	3360 #	5'-8"
64	3584 #	6'-0"
68	3808 #	6'-4"
72	4032 #	6'-8"
76	4256 #	7'-0"
80	4480 #	7'-4"
84	4704 #	7'-8"
88	4928 #	8'-0"
*92	5152 #	8'-4"
*96	5376 #	8'-8"
*100	5600 #	9'-0"
*104	5824 #	9'-4"
*108	6058 #	9'-8"

*USE 2x6 MIN. SCAB SIZE FOR THESE.



NOTE:

** INCREASE MIN. LENGTH AS REQ'D TO HAVE 1/ 2 LENGTH NAILED INTO UNDAMAGED SECTION.

(N) REPRESENTS THE TOTAL NUMBER OF NAILS REQUIRED FOR SCABS ON BOTH SIDES. NAILS SHALL BE EVENLY DIVIDED BETWEEN BOTH SCABS AND ON EACH SIDE OF BREAK.

EST. 1989

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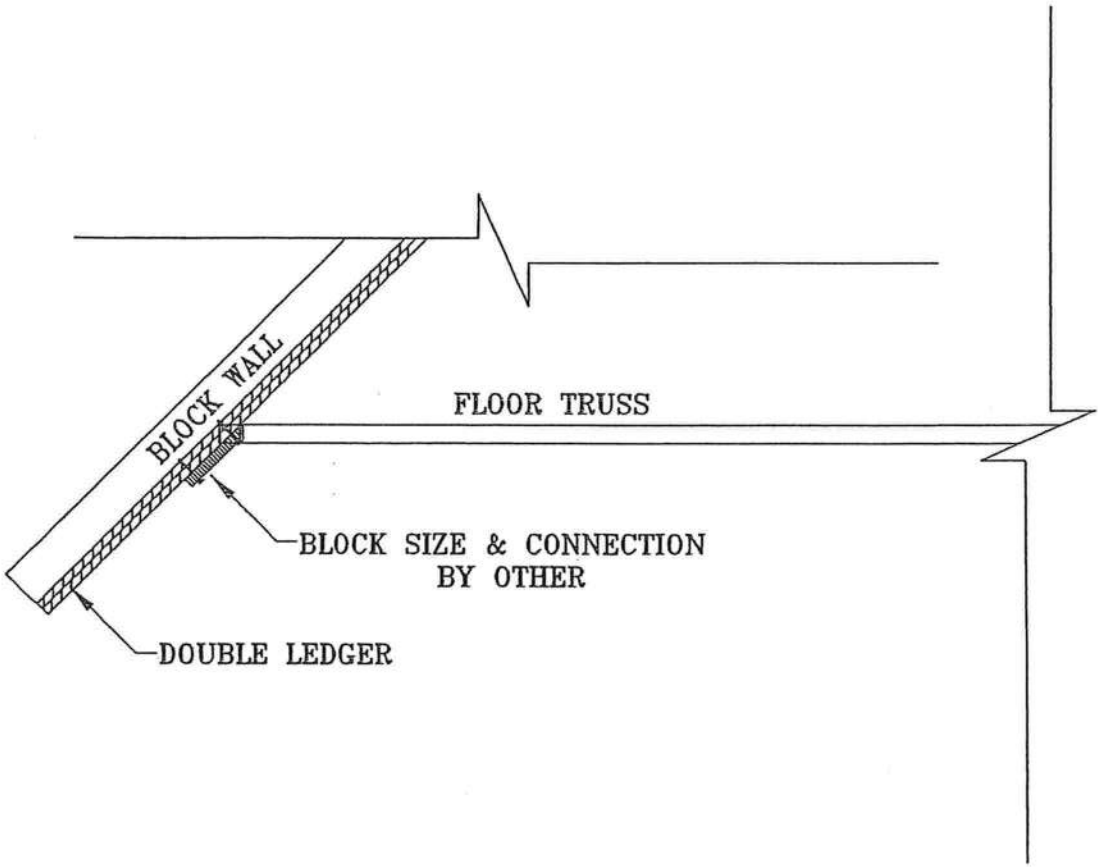
12-09-08

MANUEL MARTINEZ
LICENSE
No. 47182
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

REV=09/04/08 J

45 DEGREE FLOOR CONNECTION



PLAN VIEW

SPACE COAST TRUSS, INC.
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EST. 1989

12-09-08

MANUEL MARTINEZ
LICENSE
No. 47182
STATE OF
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PROFESSIONAL ENGINEER

FAISAL MEDICAL BUILDING

FOR:
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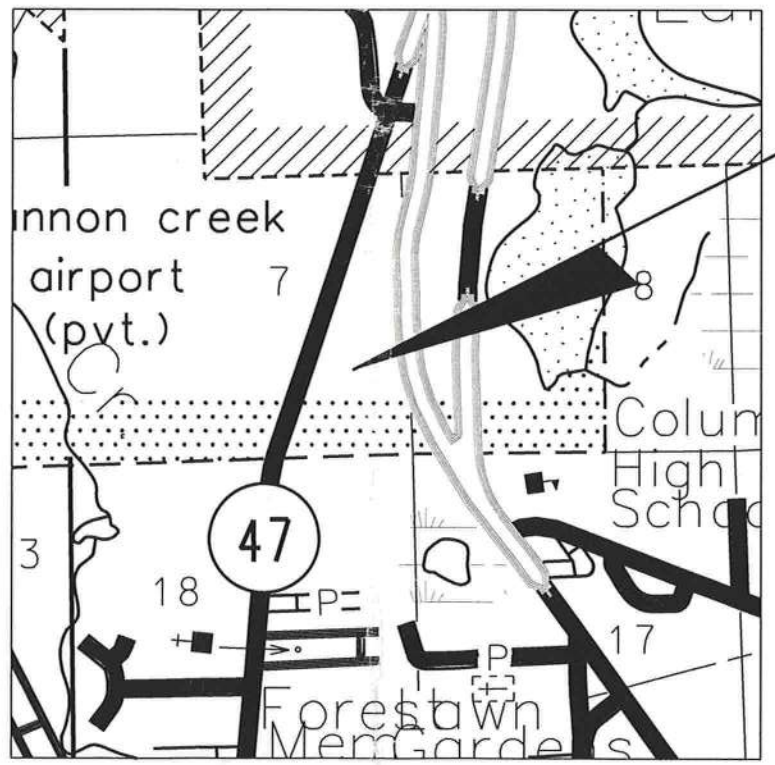
www.crewsengineeringservices.com

CERTIFICATE OF AUTHORIZATION: NO. 28022

BRETT A. CREWS, P.E. 65592



LOCATION MAP

SECTION 7, TOWNSHIP 4 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FLORIDA

PARCEL ID: 07-4S-17-08130-003

INDEX OF SHEETS

3-26-09

CES PROJECT ID:
2008-019

REVISIONS

10-29-2008 DESIGN CHANGE PER CLIENT
11-26-2008 RAI RESPONSE TO SRWMD
12-17-2008 RAI RESPONSE TO LCRU

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY & PRIOR TO PROCEEDING WITH THE WORK.

2. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE AT ALL TIMES IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.

3. BOUNDARY AND TOPOGRAPHICAL SURVEY IS PROVIDED BY DUREN MARK D., PSM (#4708).

4. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.

6. THE STORM WATER MANAGEMENT SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SRWMD RULES AND REGULATIONS (CH. 40B-4 F.A.C).

7. THE PROPOSED STORM WATER BASIN SHALL BE CONSTRUCTED INITIAL TO SERVE AS A SEDIMENT TRAP DURING CONSTRUCTION.

7. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED IN THE PLANS.

9. THE CONTRACTOR SHALL WASTE ALL EXCESS EARTH ON SITE AS DIRECTED BY THE ENGINEER.

10. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.

12. SITE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT LIMITS.

13. ALL PROPOSED CONSTRUCTION SHALL CONFORM TO CURRENT FDOT DESIGN STANDARDS AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

14. ALL STORM WATER PIPES SHALL HAVE A MINIMUM COVER OF 6". LIMEROCK BACKFILL SHALL BE USED IF PIPE UNDER PAVEMENT HAS LESS THAN 12" COVER.

16. ALL SWALES, DEPRESSION AREAS AND RETENTION PONDS SHALL BE INSPECTED MONTHLY FOR SINKHOLE OCCURRENCE. SHOULD A SINKHOLE OCCUR, THE AREA SHOULD BE REPAIRED AS SOON AS POSSIBLE. IF A SOLUTION PIPE SINKHOLE FORMS WITHIN THE STORM WATER SYSTEM, THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH A LOW PERMEABILITY MATERIAL. A 2-FOOT CAP THAT EXTENDS 2 FEET BEYOND THE PERIMETER OF THE SINKHOLE SHALL BE CONSTRUCTED WITH CLAYEY SOILS. THE CLAYEY SOIL SHOULD HAVE AT LEAST 20% PASSING THE NUMBER 200 SIEVE, COMPACTED TO 95% OF STANDARD PROCTOR, AND COMPACTED IN A WET CONDITION WITH MOISTURE 2%-4% ABOVE OPTIMUM. THE CLAY SOIL CAP SHALL BE RE-GRADED TO PREVENT PONDING AND RE-VEGETATED.

17. ALL NEW TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVISES AND THE CURRENT FDOT DESIGN STANDARDS.

18. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH CURRENT FDOT DESIGN STANDARDS.

19. CONTRACTOR SHALL CONTACT COLUMBIA COUNTY BUILDING AND ZONING DEPARTMENT TO PERFORM THE FOLLOWING SITE INSPECTIONS:
    A) EROSION AND SEDIMENT CONTROL - PRIOR TO BEGINNING CONSTRUCTION
    B) SITE COMPLIANCE - ONCE BUILDING FOUNDATION IS POURED AND IMPROVEMENTS ARE STAKED OUT
    C) FINAL SITE COMPLIANCE - ONCE ALL IMPROVEMENTS ARE FINALIZED

20. CONTRACTOR SHALL CONTACT SRWMD AND ENGINEER OF RECORD 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

UTILITY NOTES

1. ALL EXISTING UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. THIS INCLUDES VERIFYING LOCATION (HORIZONTAL AND VERTICAL) AT ANY CONNECTION POINT OF THE EXISTING UTILITY. THE ENGINEER SHALL BE NOTIFIED IMEDIATELY OF ANY DISCREPANCIES EXISTING BETWEEN THE CONSTRUCTION PLANS AND ACTUAL FIELD CONDITIONS. EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY AND SHALL BE VERIFIED IN THE FIELD BY NON-DESTRUCTIVE METHODS.

2. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY CONNECTIONS PRIOR TO BIDDING. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES, BUT IS NOT LIMITED TO, MANHOLE CORING, WET TAPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.

UTILITY NOTES CONT.

3. POTABLE WATER AND SANITARY SEWER TO BE SUPPLIED BY CITY OF LAKE CITY.

4. CONTRACTOR SHALL CONTACT LAKE CITY REGIONAL UTILITIES (386.758.5492) PRIOR TO BEGINNING WORK TO COORDINATE INSPECTION OF UTILITY CONNECTIONS.

5. DEVELOPER WILL OWN, OPERATE AND MAINTAIN THE ENTIRE SANITARY SEWER SYSTEM WITHIN THE PROPERTY BOUNDARY.

6. WHERE FIRE HYDRANTS ARE PROPOSED WITHIN THE PROPERTY BOUNDARY, THE CITY WILL OWN, OPERATE AND MAINTAIN THE POTABLE WATER SYSTEM UP TO AND INCLUDING THE WATER METER.

7. THE CITY OF LAKE CITY SHALL MAINTAIN THE RIGHT OF ACCESS TO THE DEVELOPMENT TO ALLOW FOR THE INSPECTION AND MAINTENANCE OF THE PROPOSED UTILITIES CONNECTED TO THE CITY'S SYSTEM. RIGHT OF ACCESS SHALL BE PROVIDED WITH A UTILITY EASEMENT AS SHOWN ON THE UTILITY PLAN.

8. ALL UTILITY CONSTRUCTION SHALL CONFORM TO CURRENT CITY OF LAKE CITY UTILITY STANDARDS.

9. EXISTING WATER AND SANITARY SEWER SHOULD REMAIN IN SERVICE DURING CONSTRUCTION. THE CITY OF LAKE CITY SHALL BE NOTIFIED IN THE EVENT INTERRUPTIONS TO SERVICE ARE REQUIRED.

10. ALL NEW AND RELOCATED WATER MAIN PIPES, FITTINGS, APPURTENANCES AND PACKING AND JOINT MATERIALS SHALL CONFORM TO APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS AND/OR MANUFACTURES RECOMMENDATIONS.

11. SUFFICIENT VALVES SHALL BE PROVIDED IN NEW AND RELOCATED WATER AND SANITARY SEWER MAINS TO MINIMIZE INCONVENIENCE AND SANITARY HAZARDS DURING REPAIRS.

12. AT HIGH POINT WHERE AIR CAN ACCUMULATE IN NEW AND RELOCATED WATER MAINS, HYDRANTS OR AIR RELEASE VALVES SHALL BE PROVIDED TO REMOVE AIR.

13. AUTOMATIC AIR RELEASE VALVES ON NEW AND RELOCATED WATER MAINS SHALL NOT BE LOCATED WHERE FLOODING OF THE VALVE MANHOLE OR CHAMBER COULD OCCUR.

14. HYDRANT DRAINS, FLUSHING DEVICES, AIR RELEASE VALVES OR CHAMBERS, MANHOLES CONTAINING VALVES, BLOW-OFFS, METERS, OR OTHER APPURTENANCES PROVIDED IN CONJUNCTION WITH NEW AND RELOCATED WATER MAINS SHALL NOT BE CONNECTED DIRECTLY TO ANY SANITARY OR STORM SEWER.

15. STONES FOUND IN TRENCHES FOR NEW AND RELOCATED WATER AND SANITARY SEWER MAINS SHALL BE REMOVED TO A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF PIPE. CONTINUOS AND UNIFORM BEDDING SHALL BE PROVIDED IN THESE TRENCHES. THIS BACKFILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND PIPE TO A SUFFICIENT HEIGHT ABOVE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE.

16. ALL TEES, BENDS, PLUGS, AND HYDRANTS IN NEW AND RELOCATED WATER MAINS SHALL BE PROVIDED WITH RESTRAINED JOINTS TO PREVENT MOVEMENT. MEGALUG MECHANICAL JOINT RESTRAINTS OR APPROVED ALTERNATIVE (NOT THRUST BLOCKS) SHALL BE USED WITH MANUFACTURES RECOMMENDATIONS. ALL RESTRAINED JOINTS SHALL BE LEFT OPEN UNTIL INSPECTED BY THE CITY.

17. A 24" MINIMUM COVER HEIGHT SHALL BE PROVIDED ABOVE ANY NEW OR RELOCATED WATER OR SANITARY SEWER MAIN CROSSING UNDER ANY SURFACE WATER. PROVIDE THE FOLLOWING FEATURES IF WIDTH OF SURFACE WATER IS GREATER THAN 15' AT THIS CROSSING:
    A) FLEXIBLE WATER TIGHT JOINTS THROUGHOUT THE CROSSING
    B) EASILY ACCESSIBLE VALVES LOCATED IN A MANHOLE
    C) PERMANENT TAPS ON EACH SIDE OF VALVE WITHIN THE MANHOLE TO ALLOW FOR SAMPLING AND INSERTION OF A SMALL METER TO DETERMINE LEAKAGE

18. PROPER BACKFLOW PREVENTION SHALL BE PROVIDED IN ACCORDANCE WITH RULE 62-555.360 F.A.C. (CROSS-CONNECTION CONTROL FOR PUBLIC WATER SYSTEMS.

19. THIS PROJECT SHALL NOT INCLUDE ANY INTERCONNECTION BETWEEN PREVIOUSLY SEPARATE PUBLIC WATER SYSTEMS HAVING SEPARATE WATER SUPPLY SOURCES.

20. ANY WATER NEW AND RELOCATED WATER LATERALS SHALL CROSS ABOVE SANITARY SEWER PIPE OR PROVIDE PROTECTION TO PREVENT CONTAMINATION AS REQUIRED BY FDEP AND OTHER APPLICABLE STANDARDS.

21. CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY FOR WATER AND SANITARY SEWER EXTENSIONS.

22. CONTRACTOR SHALL PROVIDE TRACER WIRE ABOVE ALL NEW AND RELOCATED WATER AND SANITARY SEWER MAINS.

23. LOCATOR DEVICES SHALL BE PROVIDED AT WATER AND SANITARY SEWER TAP LOCATIONS.

EROSION CONTROL NOTES

5. CONTRACTORS SHALL ADHERE TO THE STORM WATER POLLUTION PREVENTION PLAN AND USE (AS A MINIMUM) THE MEASURES DESCRIBED ON THE EROSION CONTROL NOTES AND DETAILS SHEET.

6. ALL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO CONSTRUCTION.

1. CONTRACTOR SHALL ADHERE TO EROSION AND SEDIMENT CONTROL REGULATIONS AS SET BY SRWMD AND OTHER GOVERNING AUTHORITIES.

2. SEDIMENT AND EROSION CONTROL PLAN AND STORM WATER MANAGEMENT FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.

3. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ADDITIONAL MEASURES AS REQUIRED FOR PROPER EROSION AND SEDIMENT CONTROL. THE CONTRACTOR SHOULD USE BMP'S IN THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL TO IMPLEMENT A PLAN THAT WILL WORK AND MEET ACTUAL FIELD CONDITIONS.

4. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.

5. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED IMMEDIATELY AND RIP RAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.

6. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.

7. SILT FENCE SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF TOP OF SILT FENCE.

8. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.

9. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS.

10. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY TO PREVENT EROSION.11. ALL SLOPES GREATER THAN 4H:1V SHALL BE STABILIZED WITH SOD. STAPLE SOD SHALL BE USED ON SLOPES GREATER THAN 2H:1V.

12. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK-GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.

13. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN THREE (3) DAYS.

14. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS AND EXCESS DIRT REMOVED DAILY.

15. THIS PROJECT SHALL COMPLY WITH ALL APPLICABLE WATER QUALITY STANDARDS.

16. QUALIFIED PERSONNEL SHALL INSPECT THE STOCKPILE AREAS, SILT FENCE, CONSTRUCTION ENTRANCE, AND ALL DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS AFTER A STORM OF 0.5 INCHES OR GREATER. CORRECTIVE ACTIONS SHALL BE TAKEN IMMEDIATELY.

17. CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROLS DURING PROPOSED CONSTRUCTION.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CES
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PHONE: 386.754.4085

3-26-09
Brett A. Crews, P.E. 65592

DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

GENERAL NOTES

CES PROJECT NO.: 2008-019
SHEET: 1

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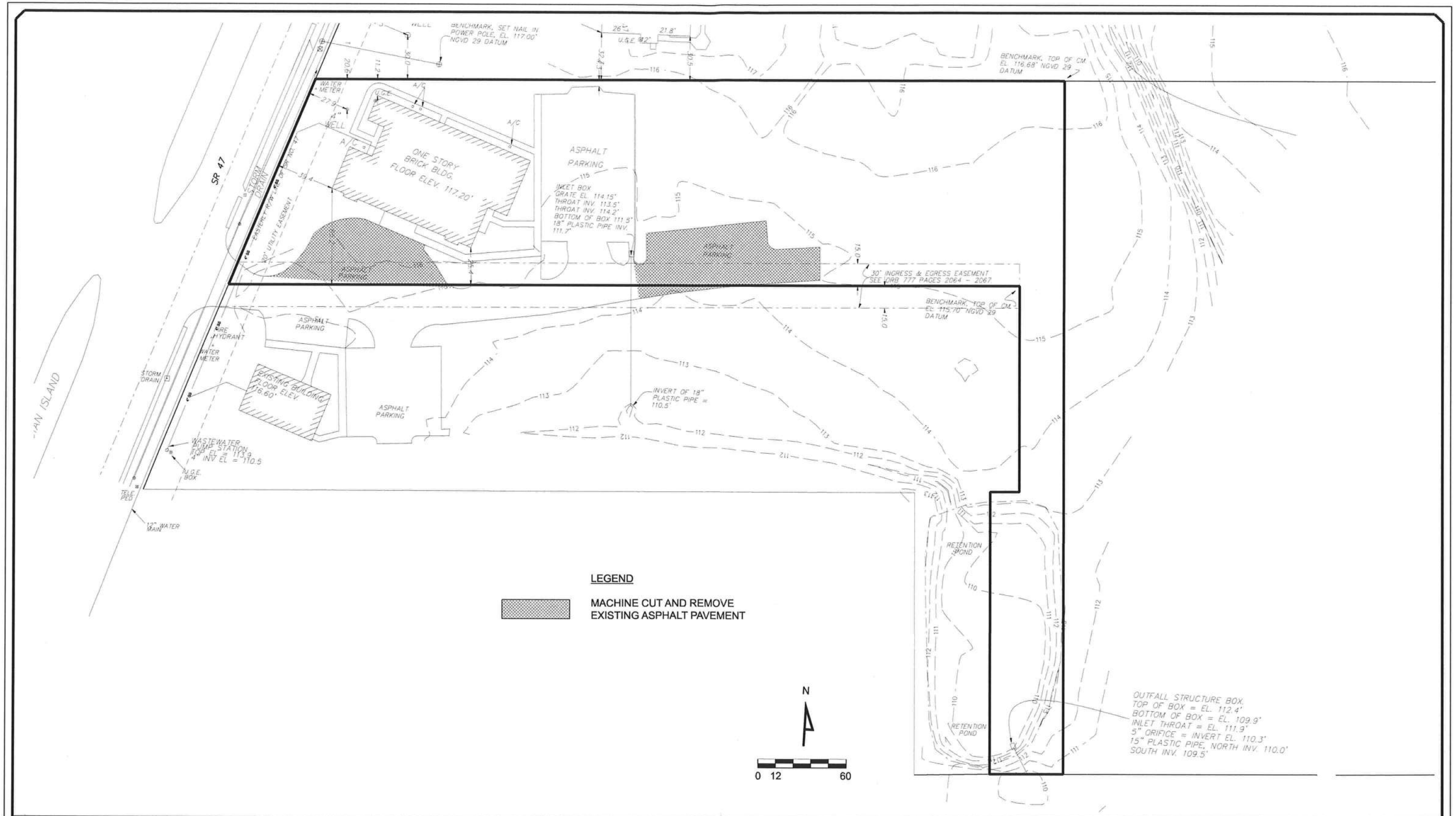

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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APPROVED BY: BC

FAISAL MEDICAL BUILDING

EXISTING CONDITIONS

CES PROJECT NO.: 2008-019
SHEET: 2

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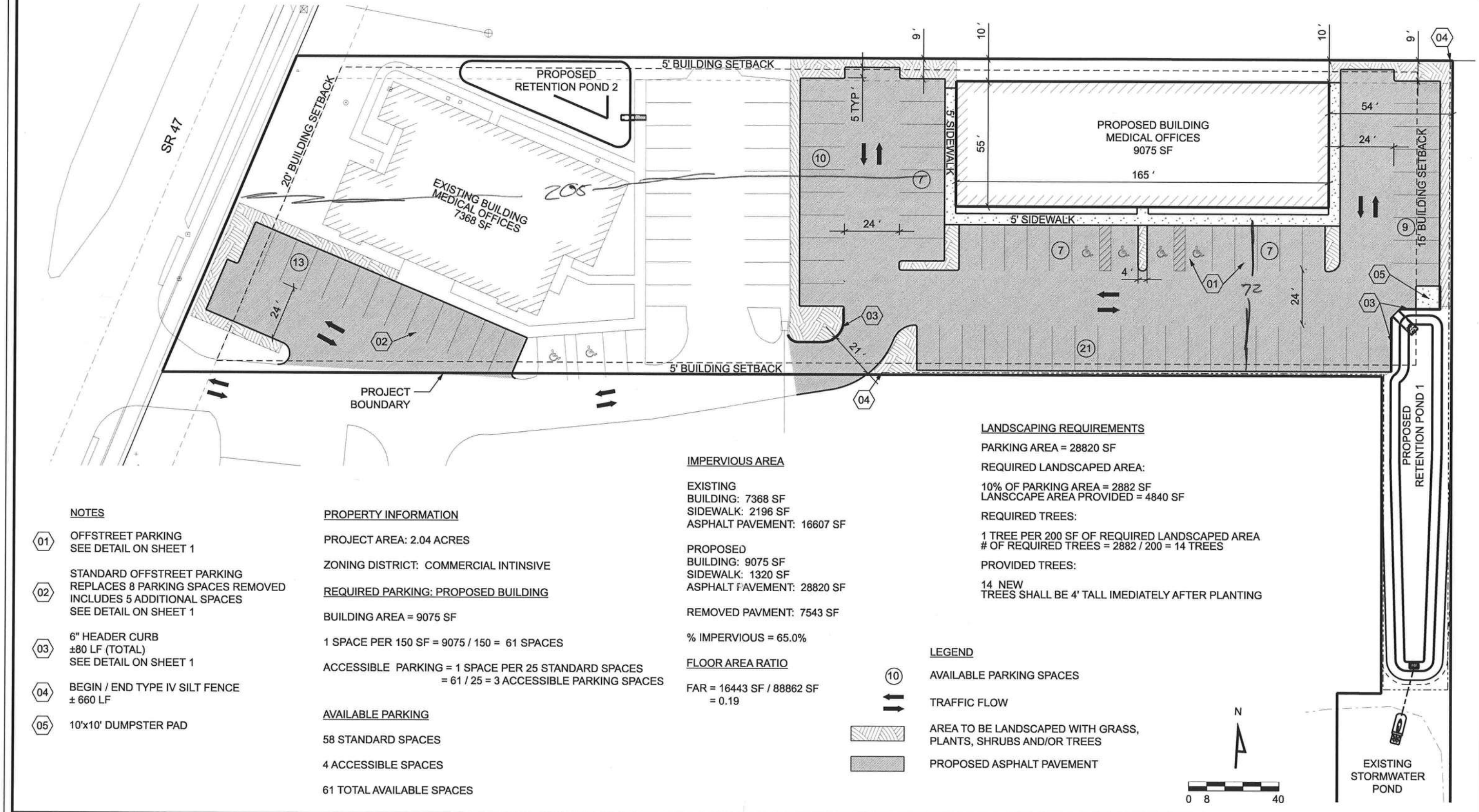

NOTES

01 OFFSTREET PARKING
SEE DETAIL ON SHEET 1

02 STANDARD OFFSTREET PARKING
REPLACES 8 PARKING SPACES REMOVED
INCLUDES 5 ADDITIONAL SPACES
SEE DETAIL ON SHEET 1

03 6" HEADER CURB
±80 LF (TOTAL)
SEE DETAIL ON SHEET 1

04 BEGIN / END TYPE IV SILT FENCE
± 660 LF

05 10'x10' DUMPSTER PAD

PROPERTY INFORMATION

PROJECT AREA: 2.04 ACRES

ZONING DISTRICT: COMMERCIAL INTINSIVE

REQUIRED PARKING: PROPOSED BUILDING

BUILDING AREA = 9075 SF

1 SPACE PER 150 SF = 9075 / 150 = 61 SPACES

ACCESSIBLE PARKING = 1 SPACE PER 25 STANDARD SPACES
= 61 / 25 = 3 ACCESSIBLE PARKING SPACES

AVAILABLE PARKING

58 STANDARD SPACES

4 ACCESSIBLE SPACES

61 TOTAL AVAILABLE SPACES

IMPERVIOUS AREA

EXISTING
BUILDING: 7368 SF
SIDEWALK: 2196 SF
ASPHALT PAVEMENT: 16607 SF

PROPOSED
BUILDING: 9075 SF
SIDEWALK: 1320 SF
ASPHALT PAVEMENT: 28820 SF

REMOVED PAVMENT: 7543 SF

% IMPERVIOUS = 65.0%

FLOOR AREA RATIO

FAR = 16443 SF / 88862 SF
= 0.19

LANDSCAPING REQUIREMENTS

PARKING AREA = 28820 SF

REQUIRED LANDSCAPED AREA:

10% OF PARKING AREA = 2882 SF
LANSCCAPE AREA PROVIDED = 4840 SF

REQUIRED TREES:

1 TREE PER 200 SF OF REQUIRED LANDSCAPED AREA
OF REQUIRED TREES = 2882 / 200 = 14 TREES

PROVIDED TREES:

14 NEW
TREES SHALL BE 4' TALL IMEDIATELY AFTER PLANTING

LEGEND

(10) AVAILABLE PARKING SPACES

TRAFFIC FLOW

AREA TO BE LANDSCAPED WITH GRASS, PLANTS, SHRUBS AND/OR TREES

PROPOSED ASPHALT PAVEMENT

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	REMOVED GRAVEL PARKING AND REPLACED WITH ASPHALT.			
10-29-08	BC	ADDED RETENTION POND 2			
12-17-08	BC	ADDED DIMENSIONS			

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Brett A. Crews 3-26-09
Brett A. Crews, P.E. 65592

DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

CES PROJECT NO.: 2008-019

SITE PLAN

SHEET: 3

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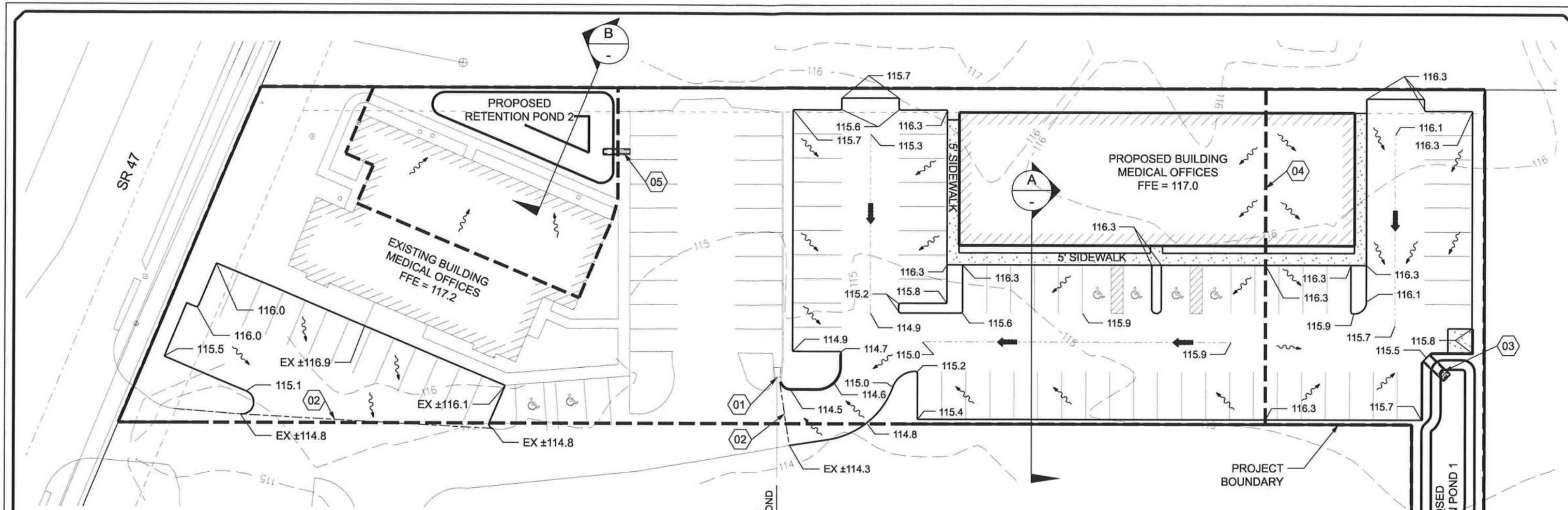


NOTES

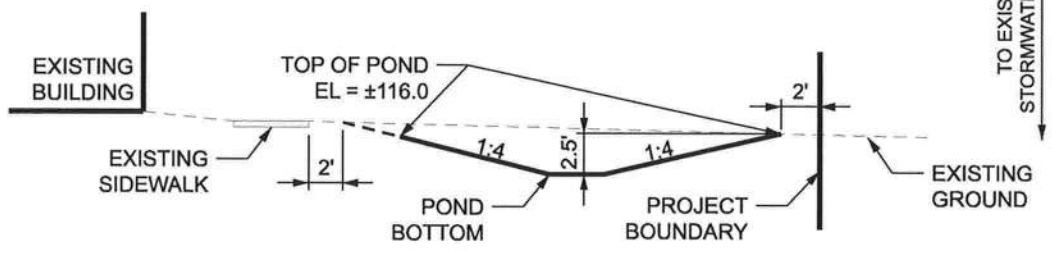
01 EXISTING STORM INLET
GRATE EL = 114.2
18" INV EL = 111.7

02 MACHINE CUT LINE
MATCH EXISTING GRADE

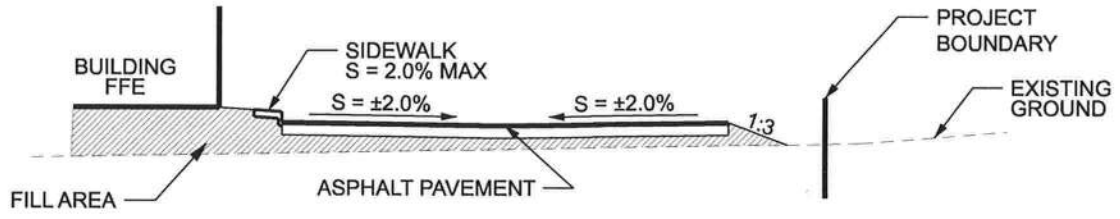
03 CONCRET FLUME
SLOPE TO POND BOTTOM
SEE DETAIL, SHEET 8

04 PROPOSED DRAINAGE BASIN DIVIDE
STORMWATER RUNOFF SHALL BE
DIVERTED AS SHOWN

05 OUTFALL FLUME
TIE INTO EXISTING PAVEMENT
MATCH EXISTING ELEVATION
ENSURE POSITIVE DRAINAGE FROM POND
TO ASPHALT PAVEMENT
INV EL = ±115.5
SEE DETAIL, SHEET 8



RETENTION POND 2: SECTION B / NTS



SECTION A / NTS

LEGEND

- SHEET FLOW
- CHANNEL FLOW
- 111.1 — PROPOSED EDGE OF PAVEMENT OR GRAVEL ELEVATION
- EX ±110.3 — MATCH EXISTING ELEVATION

N

0 8 40

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	REMOVE GRAVEL PARKING AND REPLACED WITH ASPHALT			
10-29-08	BC	ADD RETENTION POND 2			

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DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

PAVING AND DRAINAGE PLAN

CES PROJECT NO.: 2008-019
SHEET: 4

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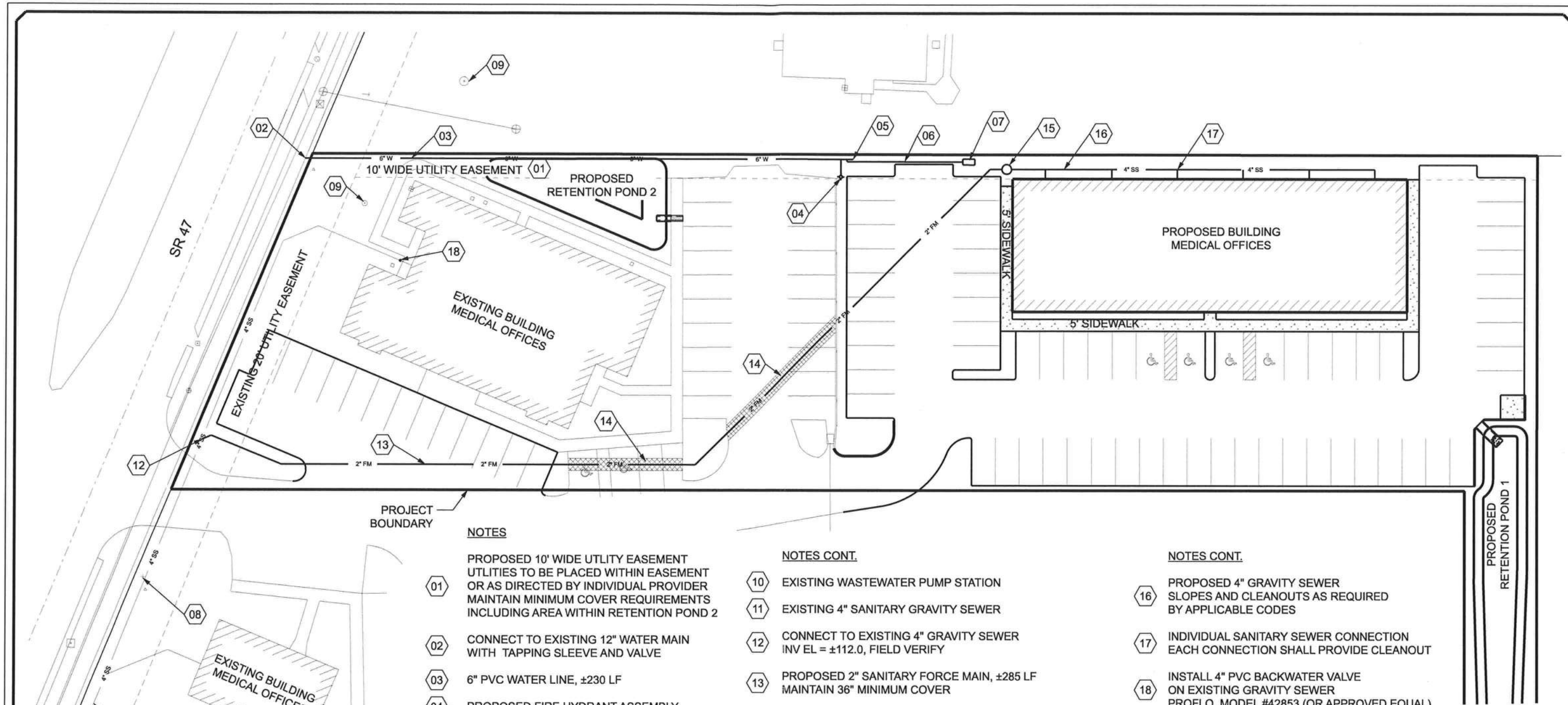

NOTES

01 PROPOSED 10' WIDE UTLITY EASEMENT
UTLITIES TO BE PLACED WITHIN EASEMENT
OR AS DIRECTED BY INDIVIDUAL PROVIDER
MAINTAIN MINIMUM COVER REQUIREMENTS
INCLUDING AREA WITHIN RETENTION POND 2

02 CONNECT TO EXISTING 12" WATER MAIN
WITH TAPPING SLEEVE AND VALVE

03 6" PVC WATER LINE, ±230 LF

04 PROPOSED FIRE HYDRANT ASSEMBLY

05 6" PVC STUBOUT, ±5 LF WITH PLUG
6"x6"x1.5" TEE

06 1.5" WATER LINE, ±50 LF

07 1.5" WATER METER WITH
RPZ BACKFLOW PREVENTER

08 EXISTING FIRE HYDRANT ASSEMBLY

09 EXISTING WATER WELL

NOTES CONT.

10 EXISTING WASTEWATER PUMP STATION

11 EXISTING 4" SANITARY GRAVITY SEWER

12 CONNECT TO EXISTING 4" GRAVITY SEWER
INV EL = ±112.0, FIELD VERIFY

13 PROPOSED 2" SANITARY FORCE MAIN, ±285 LF
MAINTAIN 36" MINIMUM COVER

14 MACHINE CUT AND REMOVE EXISTING ASPHALT PAVEMENT
REPLACE WITH TYPICAL ASPHALT PAVEMENT SECTION

15 PROPOSED SANITARY PUMP STATION
DUAL GRINDER PUMPS, 20 GPM, 12.5' TDH
RIM EL = ±117.0
INFLUENT INV EL = ±114.0, AS REQUIRED
INSTALL PER MANUFACTURE'S DETAILS AND NOTES
MEASURES SHALL BE TAKEN TO PREVENT
WET WELL FLOATATION AND GROUNDWATER INTRUSION
SYSTEM SHALL BE APPROVED BY THE ENGINEER
PRIOR TO INSTALLATION

NOTES CONT.

16 PROPOSED 4" GRAVITY SEWER
SLOPES AND CLEANOUTS AS REQUIRED
BY APPLICABLE CODES

17 INDIVIDUAL SANITARY SEWER CONNECTION
EACH CONNECTION SHALL PROVIDE CLEANOUT

18 INSTALL 4" PVC BACKWATER VALVE
ON EXISTING GRAVITY SEWER
PROFLO, MODEL #42853 (OR APPROVED EQUAL)

N

0 8 40

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	ADDED RETENTION POND 2			
12-17-08	BC	MODIFIED WATER AND SEWER SYSTEM ADDED NOTES			

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PHONE: 386.754.4085

3-26-09
Brett A. Crews, P.E. 65592

DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

CES PROJECT NO.: 2008-019

UTILITY PLAN

SHEET: 5

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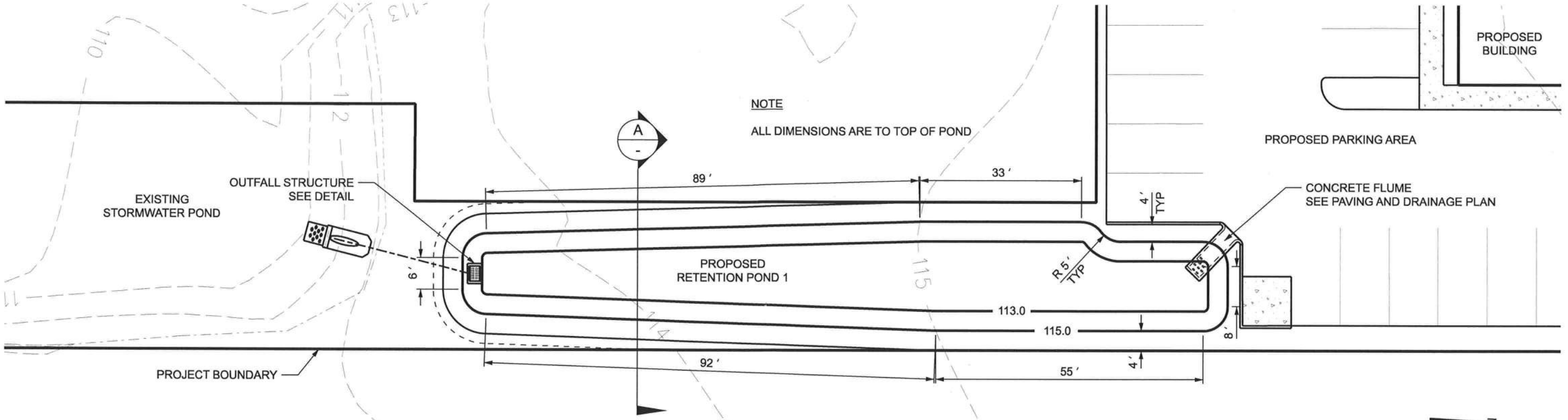
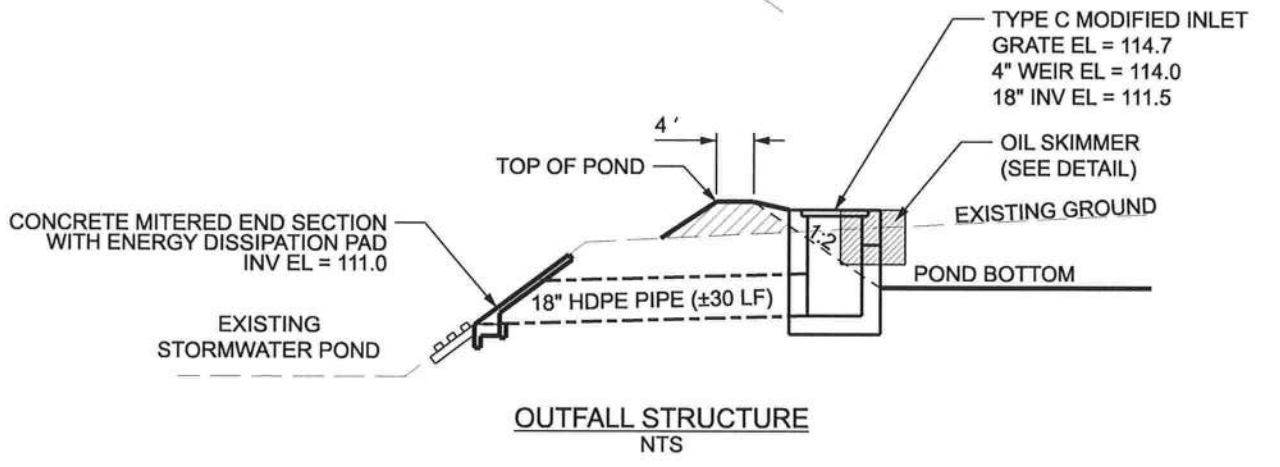
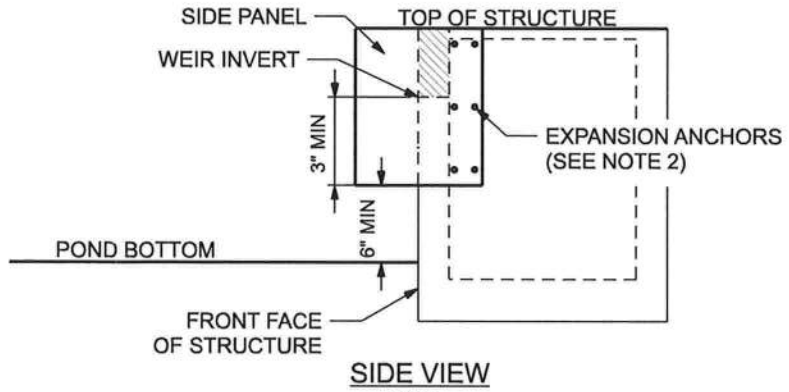
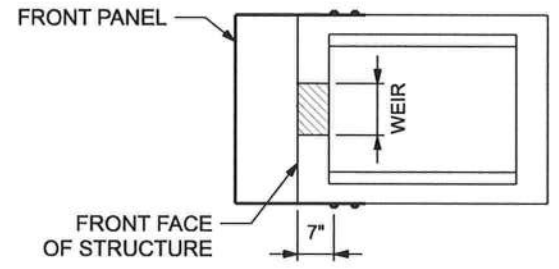




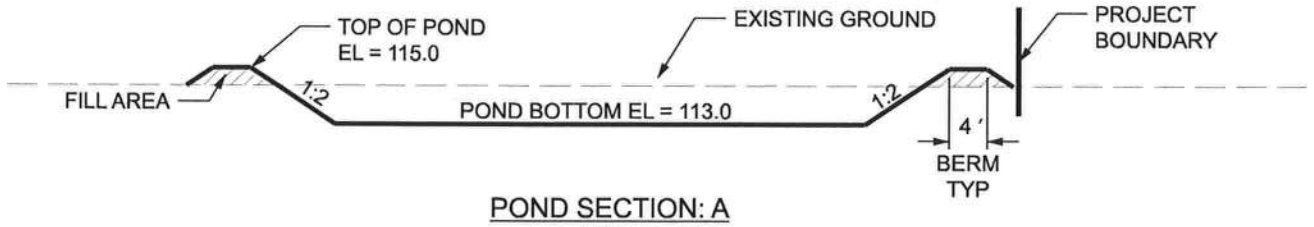
OUTFALL STRUCTURE
NTS



SIDE VIEW
NTS



PLAN VIEW
NTS



POND SECTION: A
NTS

NOTES:

1. LOCATION OF REINFORCING STEEL IN THESE STRUCTURES SHALL CONFORM TO THE APPLICABLE STANDARDS TO AVOID CONFLICT WITH THE EXPANSION ANCHORS USED TO ATTACH SKIMMERS.
2. EXPANSION ANCHORS SHALL BE PLACED IN LOCATIONS TO ENSURE THE OIL SKIMMER IS SECURLY FASTENED TO THE STRUCTURE.

ALUMNINUM OIL SKIMMER DETAIL
NTS

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	MODIFIED OUTFALL STRUCTURE			
11-26-08	BC	MODIFIED OUTFALL STRUCTURE, GRATE ELEVATION			

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Brett A. Crews 3-26-09
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DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

STORMWATER POND 1

CES PROJECT NO.: 2008-019
SHEET: 6

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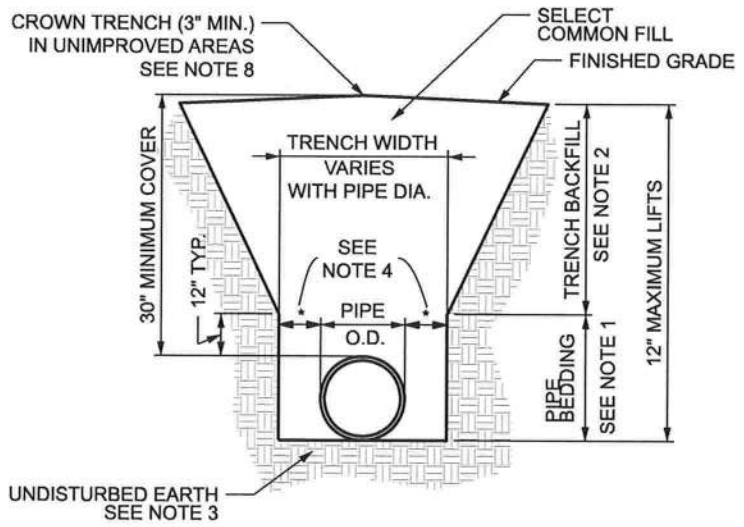
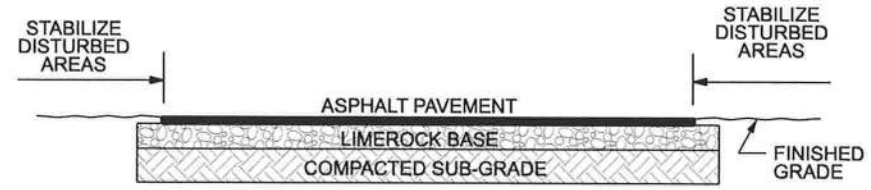


TRENCH AND BACKFILL DETAIL

NTS

NOTES

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK WILL BE REQUIRED IF OVER-EXCAVATION OCCURS.
4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. PROVIDE TRENCH SLOPING AND BRACING AS REQUIRED FOR SAFETY.
8. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN PAVED AREAS SHALL COMPLY WITH THE REQUIREMENTS OF THE ROAD CONSTRUCTION SPECIFICATIONS.

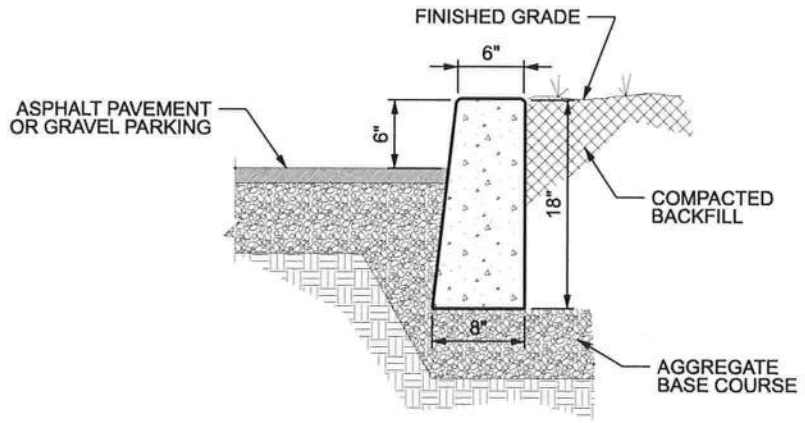


1.25" SUPERPAVE (12.5)
0.1 GAL/SY PRIME COAT
6" LIMEROCK BASE
8" COMPACTED SUB-GRADE

NOTE:
SUBGRADE SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY AS ESTABLISHED BY ASTM T-99.

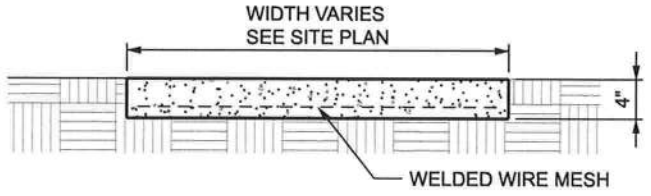
TYPICAL PAVEMENT SECTION

NTS



HEADER CURB DETAIL

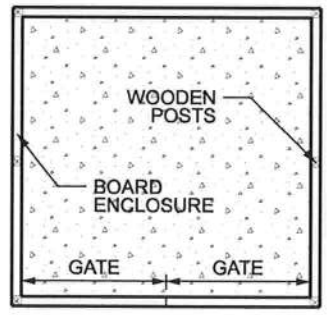
NTS



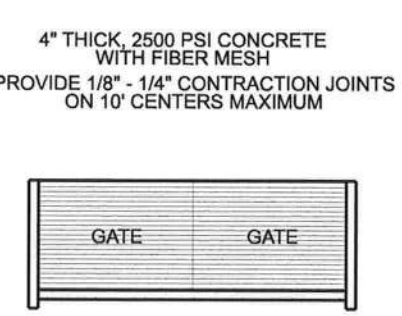
3000 PSI CONCRETE
REINFORCED WITH 6x6x10/10 WELDED WIRE MESH
PROVIDE 1/8"-1/4" CONTRACTION JOINTS
AT 10' CENTERS (MAXIMUM)

STANDARD SIDEWALK DETAIL

NTS



PLAN VIEW

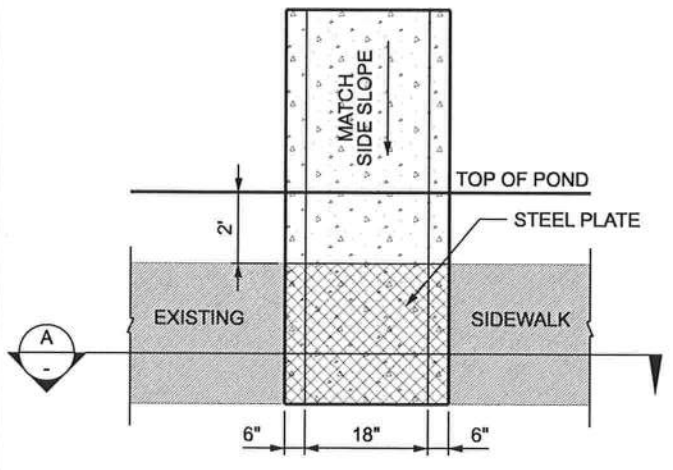


4" THICK, 2500 PSI CONCRETE WITH FIBER MESH
PROVIDE 1/8" - 1/4" CONTRACTION JOINTS ON 10' CENTERS MAXIMUM

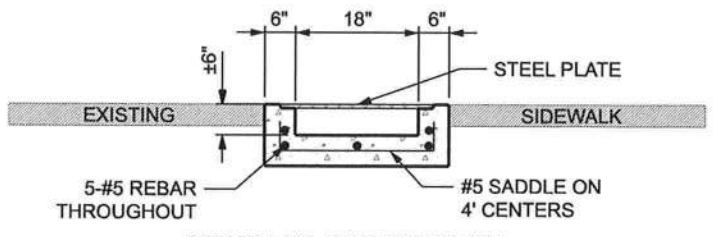
SECTION

DUMPSTER PAD DETAIL

NTS



PLAN



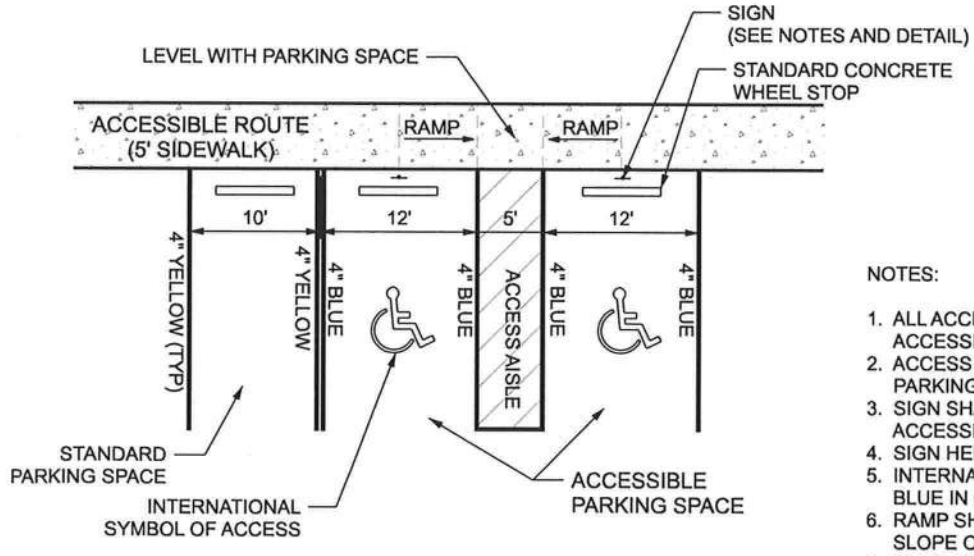
PROVIDE 1/8"-1/4" CONTRACTION JOINTS 10' CENTERS MAXIMUM.

2500 PSI CONCRETE W/ FIBER MESH

SECTION A-A

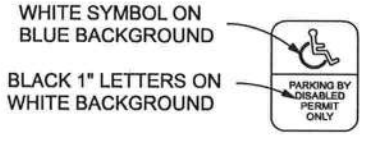
OUTFALL FLUME DETAIL

NTS



TYPICAL OFF-STREET PARKING DETAIL

NTS



SIGN DETAIL

NOTES:

1. ALL ACCESSIBLE ROUTES SHALL MEET ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. ACCESS AISLE MAY BE PLACED ON RIGHT OR LEFT SIDE OF PARKING STALL.
3. SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED ACCESSIBLE PARKING SPACES.
4. SIGN HEIGHT SHALL BE 7' FROM PAVEMENT TO BOTTOM OF SIGN.
5. INTERNATIONAL SYMBOL OF ACCESS SHALL BE 3 - 5 FT HIGH AND BLUE IN COLOR.
6. RAMP SHALL PROVIDE NON-SLIP FINISH AND HAVE A MAXIMUM SLOPE OF 1:12.
7. PAINT EDGE OF SIDEWALK WITH CONTRASTING PAINT AT RAMP TRANSITION. 3" WIDTH ON TOP AND ON FACE OF TRANSITION.
6. SEE SITE PLAN FOR ADDITIONAL PARKING SPACEL DIMENSIONS.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
12-17-08	BC	REVISED GENERAL NOTES			
12-17-08	BC	REVISED DETAILS			

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3-26-09
Brett A. Crews, P.E. 65592

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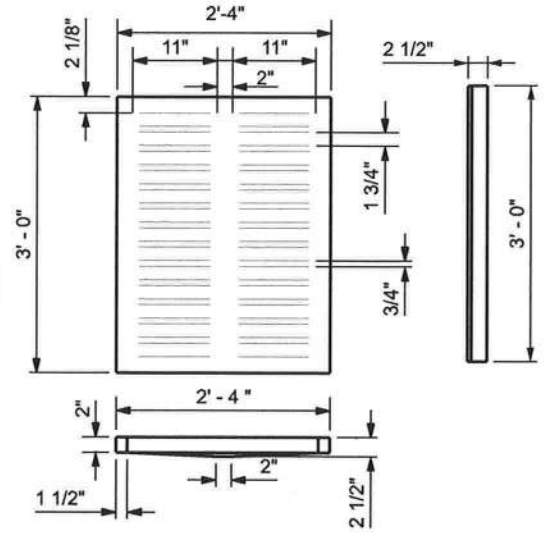
APPROVED BY: BC

FAISAL MEDICAL BUILDING

MISCELLANEOUS NOTES AND DETAILS

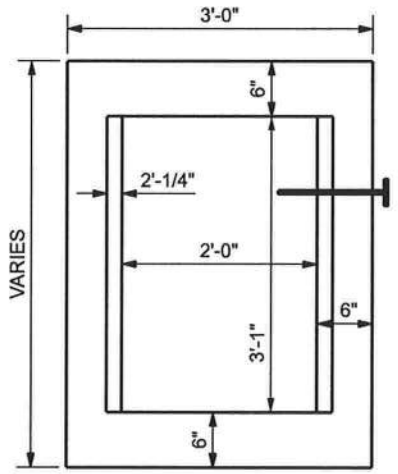
CES PROJECT NO.: 2008-019

SHEET: 7

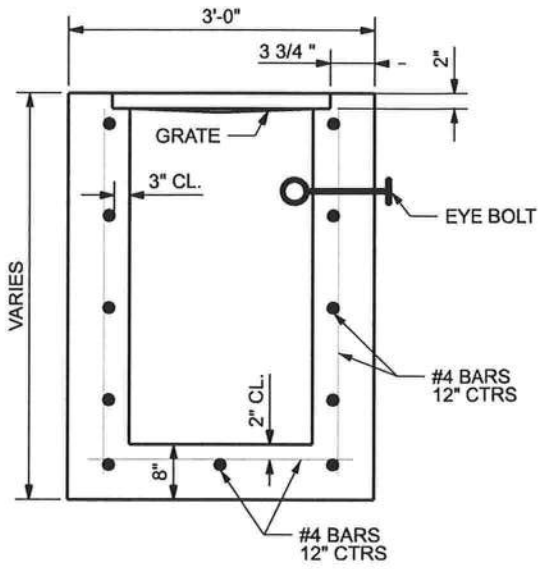


APPROX. WEIGHT 235 Lbs.

GRATE



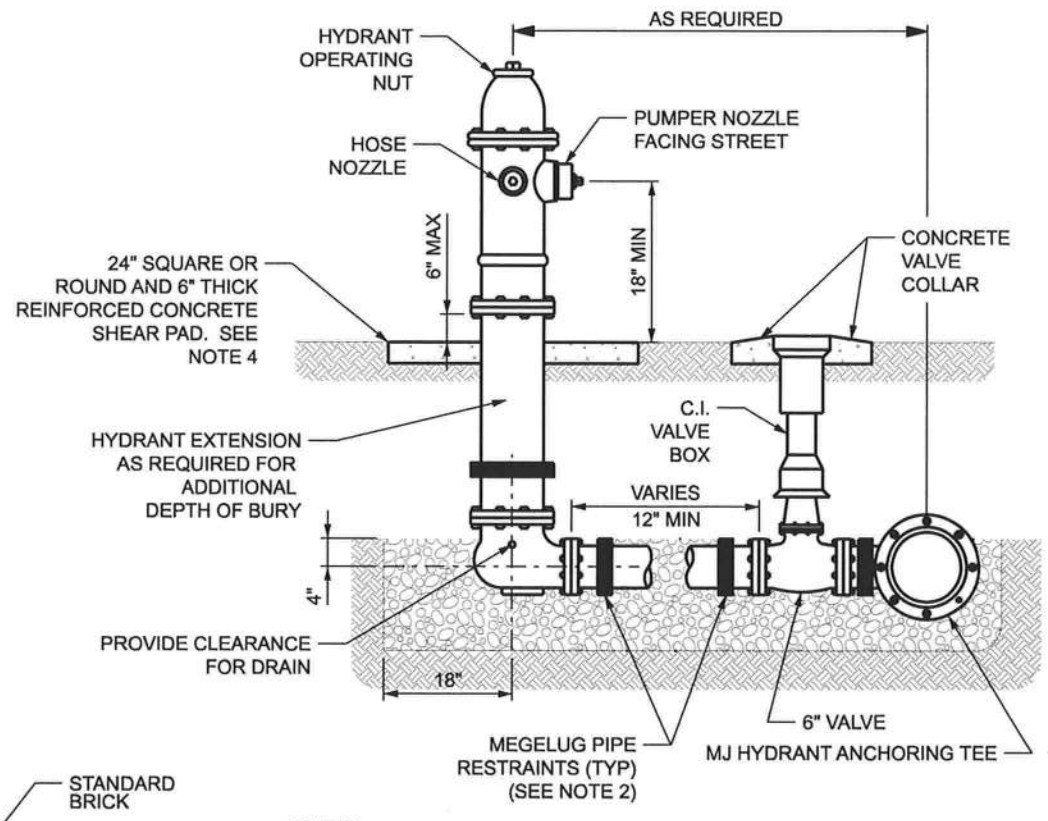
PLAN



SECTION

TYPE C INLET DETAIL

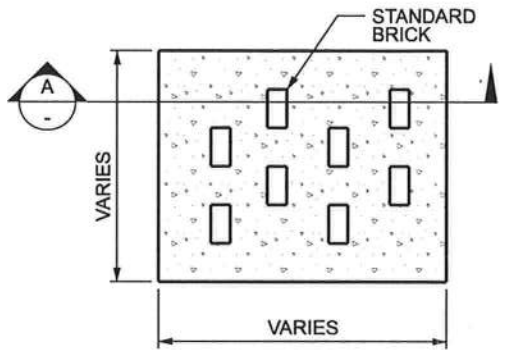
NTS



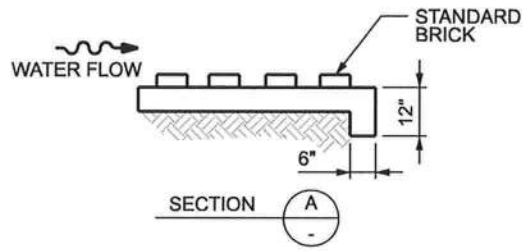
NOTES:
1) GRAVEL TO BE PLACED AROUND DRAIN
2) ALL MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGELUG RESTRAINTS OR APPROVED EQUAL.
3) THE DEVELOPER MAY INSTALL THE SHEAR PAD RECESSED UP TO 4 INCHES BELOW FINISHED GRADE AND SOD THE RECESSED SECTION

FIRE HYDRANT ASSEMBLY DETAIL

NTS

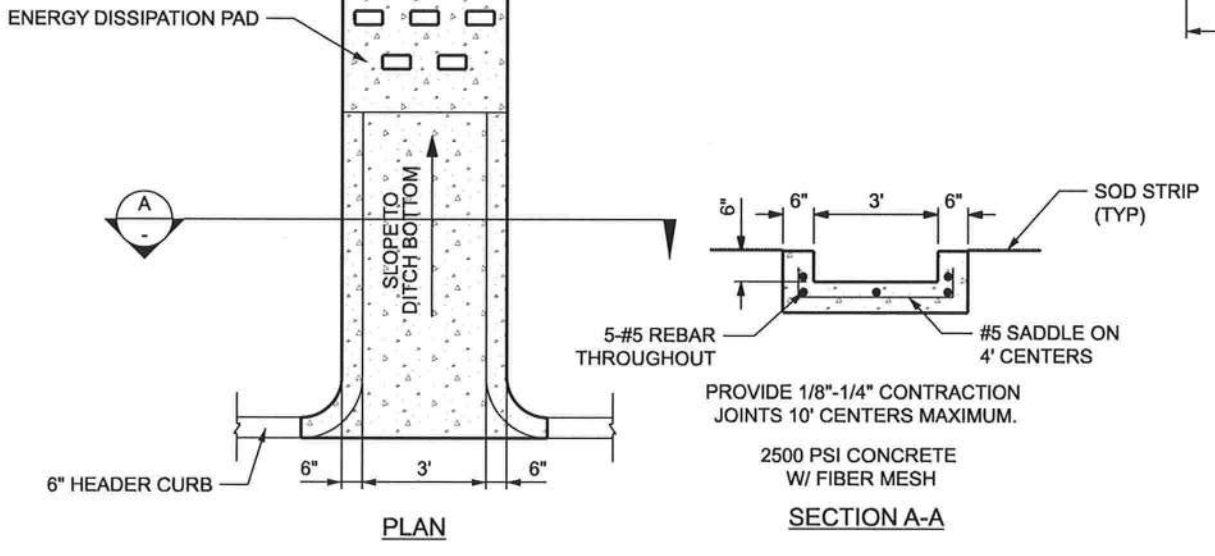


PLAN



ENERGY DISSIPATION PAD DETAIL

NTS



CONCRETE FLUME DETAIL

NTS

PIPE RESTRAINT NOTES

1. DUCTILE IRON (DI) FITTINGS TO BE RESTRAINED TO PVC (C900) PIPE WITH SERIES OF 2000PV MECHANICAL RESTRAINT GLANDS AS MANUFACTURED BY EBAA IRON, INC. OR APPROVED EQUAL. DI FITTINGS TO BE RESTRAINED TO DIP PER CURRENT DIPRA STANDARDS.
2. WATER MAIN OR FORCE MAIN TO BE RESTRAINED EACH SIDE OF FITTINGS FOR LENGTHS AS NOTED IN TABLE BELOW. RESTRAINT SHALL BE ACCOMPLISHED WITH DUCTILE IRON RESTRAINT HARNESSES FOR PVC CONFORMING TO ASTM A-536. RESTRAINT HARNESSES TO BE SERIES 1600 AS MANUFACTURED BY EBAA IRON, INC. OR APPROVED EQUAL. RESTRAINT FOR DIP SHALL BE BY INTERNAL RESTRAINT GASKETS PER CURRENT DIPRA STANDARDS.
3. THE TABLE BELOW SHOWS TYPICAL NUMBERS, IN 20'-SECTIONS, OF PIPE TO BE RESTRAINED FOR THE FOLLOWING ASSUMPTIONS: (1) DEPTH OF COVER = 36", (2) TEST PRESSURE = 150 psi , (3) SAFETY FACTOR = 1.5, (4) LAYING CONDITIONS = PIPE EMBEDDED IN LOOSE CLEAN SAND AND COMPACTED TO TOP OF PIPE (APPROXIMATELY 90% STANDARD PROCTOR).

MINIMUM NUMBER OF RESTRAINED JOINTS IN 20' STRAIGHT PIPE, EACH SIDE OF RESTRAINED FITTING.

	PIPE SIZE					
	6"	8"	10"	12"	16"	20"
90° BEND	1	1	2	2	2	2
45° BEND	0	1	1	1	1	1
22-1/2° BEND	0	0	0	0	1	1
11-1/4° BEND	1	1	2	2	3	4
PLUG OR BRANCH OF TEE	2	3	3	4	5	6

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	ADD OUTFALL FLUME DETAIL			
12-17-08	BC	REVISED DETAILS			

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3/26/09

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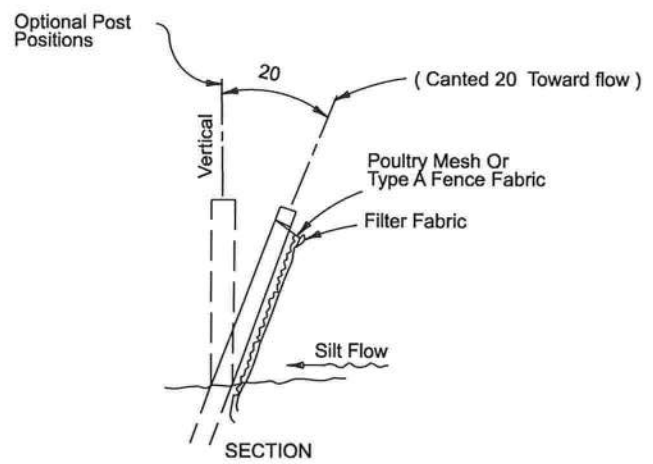
APPROVED BY: BC

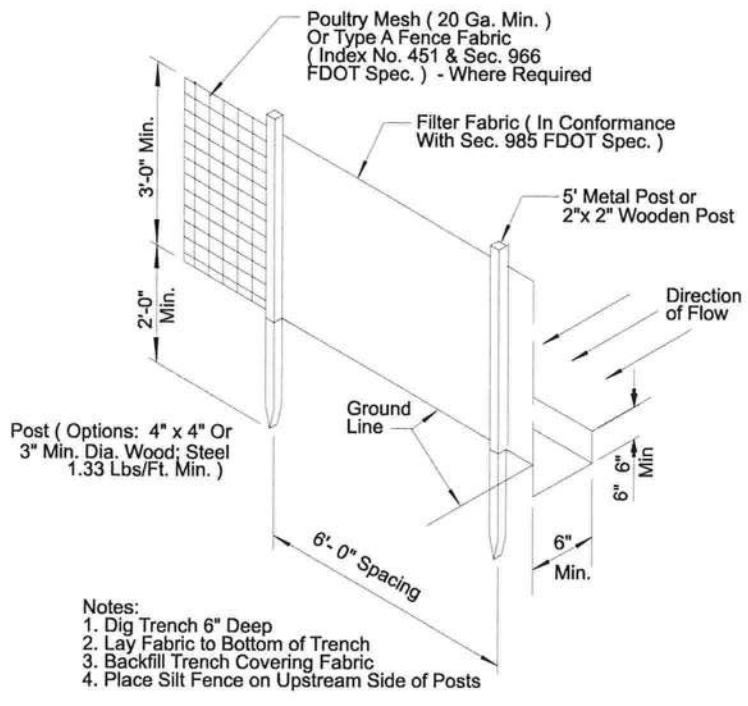
FAISAL MEDICAL BUILDING

MISCELANEOUS NOTES AND DETAILS

CES PROJECT NO.: 2008-019

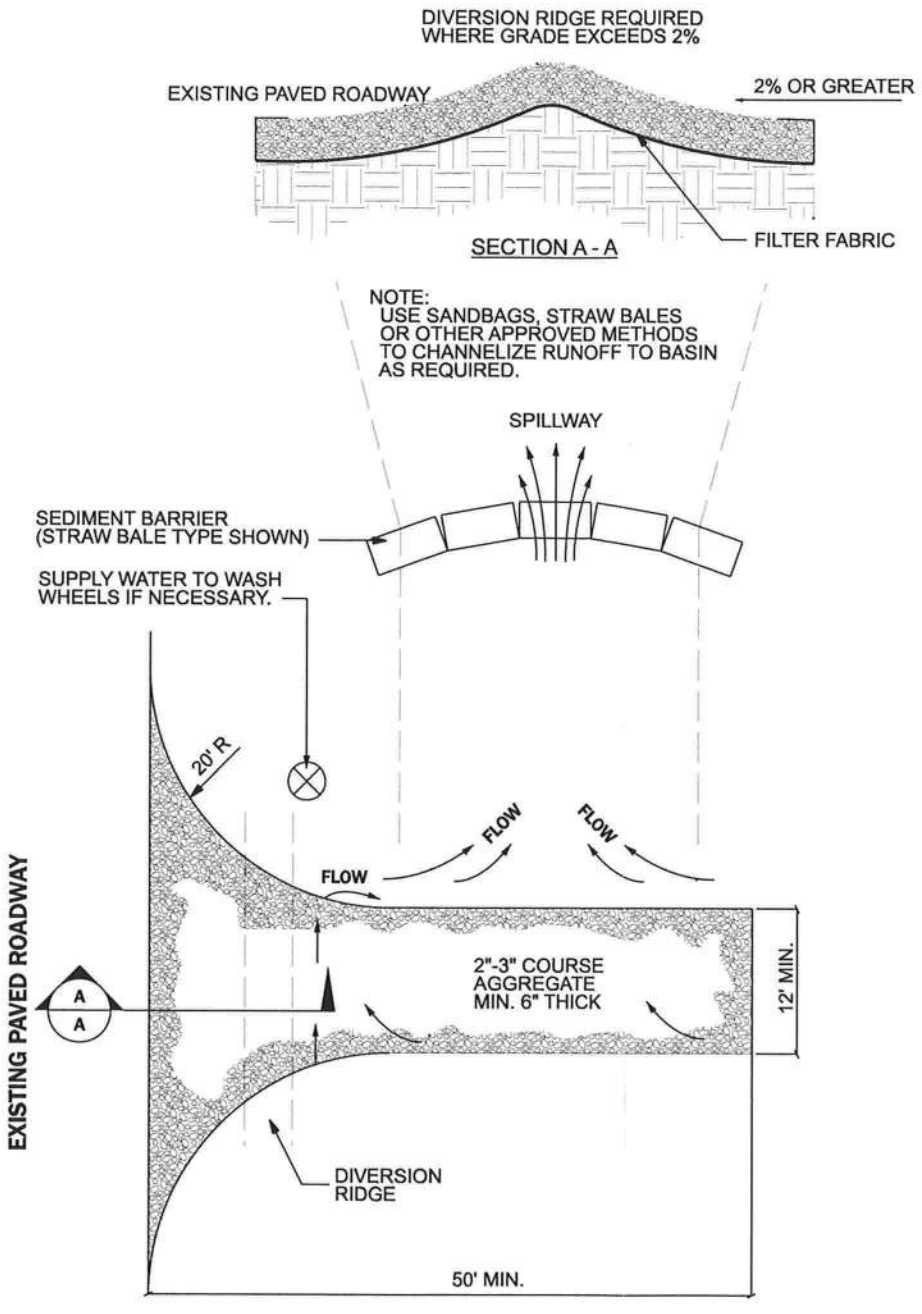
SHEET: 8





TYPE IV SILT FENCE

AS COMPARED TO TYPE III SILT FENCE, TYPE IV FENCE HAS GREATER STRENGTH AND HEIGHT WHICH REDUCES THE POSSIBILITY OF SEDIMENT AND WATER FROM OVERTOPPING THE FENCE. AS A RESULT, AVOID USING TYPE IV FENCE IN AREAS WHERE THE DETAINED WATER WOULD BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.



PLAN

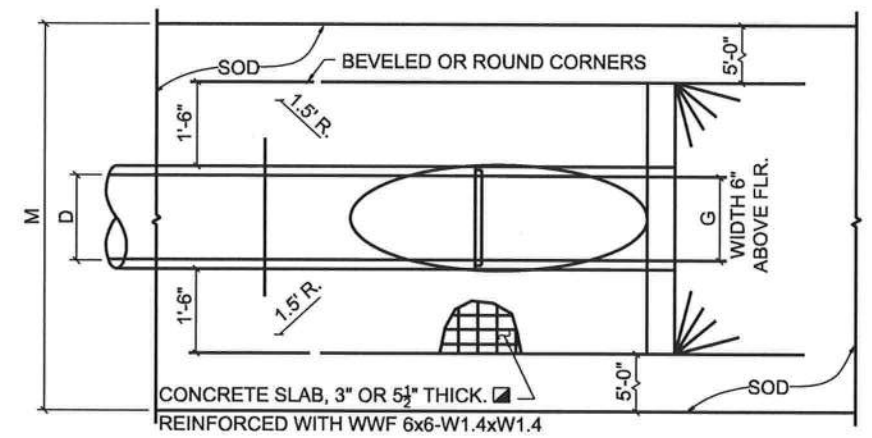
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

NTS

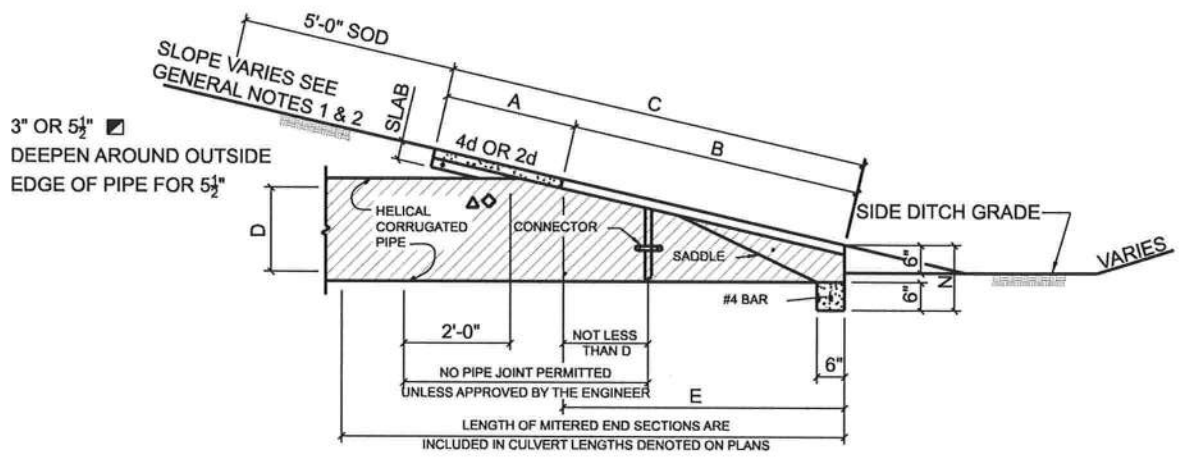
NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS ONTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

DIMENSIONS AND QUANTITIES

4d SLOPE	D	X	A	B	C	E	F	G	M SINGLE PIPE	N	CONC. (oy) SINGLE PIPE	CONC. (sy) SINGLE PIPE
	15"	2'-7"	2.5'	3.09'	5.59'	3.0'	7'	1.23'	4.33'	1.04'	0.44	22
	18"	2'-10"	2.5'	4.12'	6.62'	4.0'	8'	1.41'	4.58'	1.04'	0.49	24
	24"	3'-5"	2.5'	6.18'	8.68'	6.0'	10'	1.73'	5.08'	1.04'	0.65	27



TOP VIEW - SINGLE PIPE



SECTION

* SLOPE: 4d MITER: TO C.L. PIPE FOR PIPES 16" AND SMALLER.
2d FOR PIPES 24" AND LARGER.
2d MITER: TO C.L. PIPE FOR PIPES 18" AND SMALLER.
1d FOR PIPES 24" AND LARGER.

CONCRETE MITERED END SECTION DETAIL

NTS

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
12-17-08	BC	REVISED DETAILS			

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DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

CES PROJECT NO.: 2008-019

MISCELLANEOUS NOTES AND DETAILS

SHEET: 9

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HILE EVERY ATTEMPT HAS BEEN MADE TO PRODUCE A FLAWLESS PLACEMENT DIAGRAM
R THIS PROJECT, THE POSSIBILITY FOR SMALL ERRORS DOES EXIST, CONSEQUENTLY, IT
VITALLY IMPORTANT THAT THE BUILDER CAREFULLY REVIEW AND CHECK ALL DETAILS AND
FORMATION.
Y ERRORS OR OMISSIONS SHOULD BE REPORTED IMMEDIATELY TO SPACE COAST TRUSS.
) NOT SCALE DRAWINGS.
RITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
L INTERIOR LOAD BEARING WALLS MUST BE STANDING AND PROPERLY RACED PRIOR TO SETTING ANY AND ALL TRUSSES.

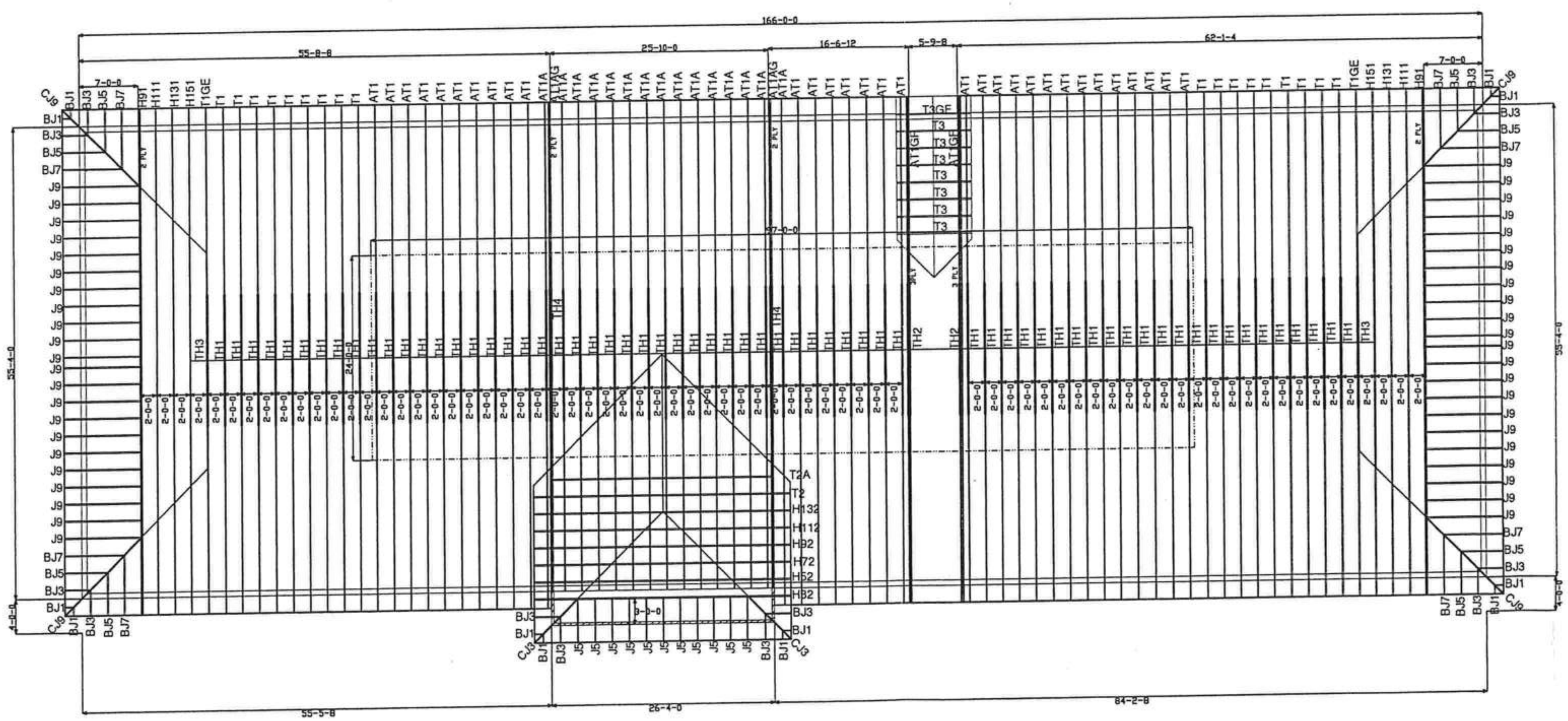
THIS DIAGRAM IS INTENDED FOR USE BY PERSONS KNOWLEDGEABLE IN AND FAMILIAR WITH GENERALLY ACCEPTED METHODS AND STANDARDS OF TRUSS ERECTION.
TRUSS ERECTION SHOULD NOT BE ATTEMPTED BY ANY PERSON WITHOUT THESE QUALIFICATIONS.
TRUSS ERECTION AND BRACING RESPONSIBILITIES MUST LIE WITH THE BUILDER.

DO NOT CUT, MODIFY, OR ALTER ANY TRUSSES. IN THE EVENT THAT A TRUSS NEEDS MODIFICATION OR ALTERATION, IT IS THE RESPONSIBILITY OF THE BUILDER TO NOTIFY A SPACE COAST TRUSS EMPLOYEE WHO IS EXPERIENCED IN THE FIELD OF REPAIRS, PRIOR TO SUBMITTING ANY BACK CHARGE FOR THE SAID REPAIR(S).

ANY AND ALL REPAIRS/ALTERATIONS TO ANY TRUSS MUST BE APPROVED AND ACCEPTED BY A REPRESENTATIVE OF SPACE COAST TRUSS.
ANY BACK CHARGES THAT ARE NOT HANDLED IN THE ABOVE MENTIONED MANNER ARE SUBJECT TO REVIEW AND POSSIBLE REJECTION.
DO NOT USE THIS DIAGRAM TO SET TRUSSES UNLESS IT IS MARKED TRUSS PLACEMENT DIAGRAM.
WHEN TRUSSES ARE DELIVERED TO THE JOB SITE THERE WILL BE A PACKAGE CONTAINING A LAYOUT AND COMPLETE TRUSS ENGINEERING. PLEASE REVIEW THE ENTIRE CONTENTS OF PACKAGE BEFORE SETTING TRUSSES.

TRUSS PLACEMENT DIAGRAM JOB #22998

BUILDER TO VERIFY ALL LOADS AND DIMENSIONS
THE LOADS IN STORAGE ROOM ARE NOT WHAT THE
THE PLANS ARE CALLING



ALL AREAS VOID OF TRUSSES ARE TO BE FRAMED BY BUILDER

CUSTOMER:	84 LUMBER STORE # 1314
PROJECT/RESIDENCE:	MEDICAL OFFICE
MODEL:	DR. FAISAL
DATE:	04/14/09
SCALE:	1/4" (8.5x11, 11x17 N.T.S.)
TRUSS DESIGN BY:	M.TOWERS (321) 751-2656
CAD DRAWN BY:	M.TOWERS
PITCH:	6/12
O.H. / CANT:	24" CANTILEVER
RF/FLR LOADING:	20 - 10 - 0 - 10 1.25
WIND SPEED:	100 MPH
WIND DSGN METHOD:	ASCE 7-05, C.C. & M.W.F.R.S.
EXP. CATEGORY:	B
OPENING COND:	ENCLOSED
OCCUP. GROUP:	RESIDENTIAL
OCCUP. CATEGORY:	II
BLDG CODE:	FBC 2007 EDITION
REV DATE:	

WALL HEIGHTS

10'-1-1/2" PLATE HGT.

17'-4" PLATE HGT.

T3 TRUSSES PER PLANS

USP TRUSS to TRUSS CONNECTOR SCHEDULE

FOLLOW HANGER MANUFACTURER INSTALLATION RECOMMENDATIONS FOR HANGER CONNECTION.

SIGNATURE ACKNOWLEDGES: AUTHORIZATION FOR FABRICATION AS WELL AS VERIFICATION OF ALL DIMENSIONS AND CONDITIONS—INCLUDING ROOF PITCH, HEEL HEIGHT, OVERHANGS, ETC... TRUSSES WILL BE MADE IN STRICT ACCORDANCE WITH THIS LAYOUT.

APPROVED BY: ______

TITLE: ______

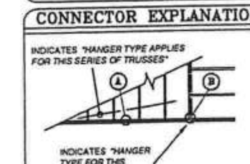
APPROVAL DATE: ______

ANY MODIFICATION OF EXISTING ROOF TRUSS SYSTEM IS THE RESPONSIBILITY OF THE PROFESSIONAL BUILDING DESIGNER AND ENGINEER OF RECORD.

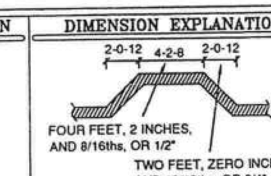
SPACE COAST TRUSS INC. STRONGLY RECOMMENDS THE USE OF A SPREADER BAR FOR TRUSS SPANS GREATER THAN 30' IN LENGTH. REFER TO BCSI-1 SUMMARY SHEET.

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY WHEN THIS LAYOUT IS SIGNED AND SEALED BY THE TRUSS DESIGN ENGINEER AS THE TRUSS DESIGN ENGINEER IS NOT INTENDED TO RELIEVE THE TRUSS SYSTEM ENGINEER AND/OR THE ENGINEER OF RECORD FROM REVIEWING AND APPROVING THIS DOCUMENT.

CONNECTOR EXPLANATION



DIMENSION EXPLANATION



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