

DATE 3-13-07

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000025611

APPLICANT RUBEN ROWE JR

PHONE 850-562-8278

ADDRESS 1430 E. PIEDMONT DR. STE 100 TALLAHASSEE FL 32308

OWNER STATE OF FLORIDA DEPT OF AGRICULTURE PHONE 397-2295

ADDRESS 10875 NW US HWY 41 WHITE SPRINGS FL 32096

CONTRACTOR SOUTHLAND CONTRACTING INC

PHONE 850-562-8278

LOCATION OF PROPERTY 41 NORTH JUST BEFORE THE BRIDGE ON THE RIGHT

SEE AG STATION

TYPE DEVELOPMENT COMM BUILDING ESTIMATED COST OF CONSTRUCTION 154,580.00

HEATED FLOOR AREA 402 TOTAL AREA 402 HEIGHT 12 STORIES 1

FOUNDATION CONCRETE WALLS METAL ROOF PITCH 4/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirements: STREET-FRONT 30 REAR 25 SIDE 25

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

PARCEL ID 17-2S-16-33333-333

SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 2 ACRES

DOT APPROVED N CGC058187

Culvert Permit No. Culvert Waiver Contractor's License Number

Applicant/Owner/Contractor

EXISTING X06-0374

BK

JH

N

Driveway Connection Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: REPLACING EXISTING STRUCTURE, SRWMD PERMIT INCLUDED

Check # or Cash 13142

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE \$ 772.90 CERTIFICATION FEE \$ 2.01 SURCHARGE FEE \$ 2.01

MISC. FEES \$ ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE \$851.92

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION. IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

or Office Use Only Application # 0612-14 Date Received 12-6-06 By LH Permit # 25611
 Application Approved by - Zoning Official RLK Date 08.12.06 Plans Examiner OK JTH Date 2-13-07
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Second DOT Approval
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☒ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Ruben Rowe, Jr Phone 850-562-8278
 Address 10875 NW US Hwy 41 - White Springs, FL 32096
 Owners Name State of Florida Phone 850-487-0525
 911 Address 10875 NW US Hwy 41 - White Springs, FL 32096
 Contractors Name Southland Contracting, Inc Phone 850-562-8278
 Address 430 E. Piedmont Dr. Ste. 100 Tallahassee, FL 32308
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address Fidelity and Deposit Co. of Maryland 1 Perimeter Park S. St. 100N Birmingham Alabama
 Architect/Engineer Name & Address Batts Engineering-151 Ojibwa Monticello FL
 Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 17-25-16-33333-333 Estimated Cost of Construction 154,580.00
 Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions 41 North just before the bridge at White Springs
See sig. Station on Roadside on Left.

Type of Construction Block Gmn. Building Number of Existing Dwellings on Property 1
 Total Acreage _____ Lot Size 2AC Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front _____ Side _____ Side _____ Rear _____
 Total Building Height 12' Number of Stories 1 Heated Floor Area 402 Roof Pitch 4/12
 TOTAL 402

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

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Owner Builder or Authorized Person by Notarized Letter _____ Contractor Signature _____
 STATE OF FLORIDA MY COMMISSION # DD 333503 EXPIRES: June 28, 2008 Contractors License Number CB0058187
 COUNTY OF COLUMBIA Competency Card Number _____ NOTARY STAMP/SEAL
 (or affirmed) and subscribed before me _____
 day of 3 20 07
 Personally known or Produced Identification ☒ Notary Signature _____ (Revised Sept. 2006)

25611

4.2.40 Standards for Residential, Commercial and Industrial Construction. New construction or substantial improvement of any residential, commercial or industrial structure that is not located within a designated flood zone as shown in the County's Flood Insurance Rate Map shall have the lowest finished floor, or for wood floor construction, the bottom of the floor joist elevated no lower than one (1) foot above adjacent paved or unpaved road , or paved or unpaved access easement. Exempt structures are:

1. Residential, commercial or industrial structures with Certification by a Florida registered professional engineer as to the proper height or requirements for the protection of the structure against water damage; or
2. Any accessory structure not used for human habitation (i.e. detached garage, barn, storage shed, airplane hanger, etc. See Section 2.1 Definitions)

PLEASE NOTE

Owner or developer may be required to furnish elevation certification as to compliance with this section by a licensed surveyor if in the opinion of the Land Development Regulation Administrator or his designee that such certification is necessary.

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****I, 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.Tax Parcel ID Number 17-25-16-33333-333PERMIT NUMBER 0000 25611

1. Description of property: (legal description of the property and street address or 911 address)
Right-of-Way, State DOT property
2. General description of improvement: New construction of 22' x 18' black
agriculture interdiction station
3. Owner Name & Address State of Florida - Department of Agriculture
4050 Esplanade Way Tallh 32399 Interest in Property Owner
4. Name & Address of Fee Simple Owner (if other than owner): N/A
5. Contractor Name Southland Contracting Inc. Phone Number 850-562-8278
Address 1430 E. Piedmont Dr. Ste. 100 Tallahassee, FL 32308
6. Surety Holders Name Fidelity & Deposit Co. of Maryland Phone Number 205-980-9764
Address One Perimeter Park South Ste 100 N. Birmingham, AL 35243
Amount of Bond \$ 154,580.00
7. Lender Name N/A Phone Number _____
Address _____
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be
served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name Bill Swanson Phone Number 850-487 0525
Address 4050 Esplanade Way. Ste 335 Tallahassee, FL 32399
9. In addition to himself/herself the owner designates _____ of
_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Bill Swanson
Signature of OwnerSworn to (or affirmed) and subscribed before
day of October 13, 2006

NOTARY STAMP/SEAL

Doreen A. Barton
Commission # DD377543
Expires January 28, 2009
Signature of Notary

FER

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

Special Use Permit

DATE: Feb. 7, 2007

PERMIT NO. 07-K-292-0002

SUBJECT: Section: 29040 State Road: 41 N County: COLUMBIA

PERMITTEE: Florida Department of Agriculture & Consumer Services

Requesting permission from the State of Florida Department of Transportation, hereinafter called the Department, to construct, operate and maintain: proposed to build Ag. Station

From MP Station: 10.765 +/- to MP Station: N/A

1. Proposed work is within the corporate limits of a municipality.
Yes _____ No ✓
2. Applicant declares that prior to submitting this application he has ascertained the location of all existing Utilities, both aerial and underground. A letter of notification and plan of improvement was mailed on 3/1/07 to the following utilities/municipalities:
3. Is Interstate or Toll Road right of way involved?
Yes _____ No X
4. It is expressly stipulated that this permit is a license for permissive use only and that the placing of facilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder.
5. Whenever it is determined by the Department that it is necessary to the construction, repair, improvement, maintenance, safe and efficient operation, alteration, or relocation of all, or any portion of such highway, or that it is necessary for the public transportation facility, any and all facilities shall be immediately removed from said highway or reset or relocated thereon as required by the Department, all at the expense of the permittee unless reimbursement is authorized.
6. The construction and maintenance of such facility shall not interfere with the property and rights of a prior permittee.
7. The permit holder understands and agrees that the rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be used by the permit holder. The permit holder will at all times assume all risk of and indemnify, defend, and save harmless the State of Florida and the Department from and against all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said permit holder of the aforesaid rights and privileges regardless of the apportionment of negligence of the parties involved. THE PERMIT HOLDER, THEREFORE, AGREES TO INDEMNIFY THE DEPARTMENT EXCEPT FOR THE DEPARTMENT'S SOLE NEGLIGENCE. It specifically understood that the limits of this indemnification will be equal to those limits established by the Legislature under Section 768.28, F.S., or any successor legislation in effect at the issuance of the permit. The permit holder shall observe all Department safety regulations during construction. The permit holder must safely conduct the public through the project area in accordance with the Manual on Traffic Controls and Safe Practices for Street and Highway Construction, Maintenance and Utility Operation by displaying necessary safety devices and taking whatever other measures are required or appropriate.
8. In case the permit holder fails to meet any of the Department requirements, the permit holder will be BARRED from performing further work under this permit and will be required to bring the permitted work into compliance or remove said work from the right-of-way at no cost to the Department, AND THE PERMIT HOLDER WILL STILL BE BOUND BY THE INDEMNITY PROVISION OF PARAGRAPH 7.

9. All work shall meet the Department's Standards and be certified by THE ENGINEER OF RECORD, that the work has been substantially completed in accord with the Department Standard Specification for Road and Bridge Construction, and in accord with all rules, regulation, policy, plans, special provision, and safety standards pertaining to this type of work. The Engineer of Record is _____ located at _____, Florida.
Telephone No. _____
10. All materials and equipment may be subject to inspection by the Maintenance or Resident Engineer.
11. All Department property shall be restored to its original condition as far as practical, in keeping with Department specifications, and in a manner satisfactory to the Department.
12. The attached sketch and special provision covering details of this installation shall be made a part of this permit.
13. The permittee shall commence actual construction in good faith within 60 days from the day of said permit approval and shall be completed within 240 days. If the beginning date is more than 60 days from date of permit approval, then permittee must review the permit with D.O.T. Maintenance Engineer to make sure no changes have occurred in the highway that would affect the permitted construction.
14. The office of TROY REGISTER, Maintenance Engineer located at 710 N.W. LAKE JEFFERY RD., Florida, Telephone Number 386-961-7153 will be notified twenty-four (24) hours in advance of the preconstruction meeting and again immediately before beginning work.

Special Instruction:

Special Condition:

15. The Permittee must notify FHP and the local Law Enforcement Agencies prior to the closing of one (1) or more lanes of the State Highway System for a period that exceeds two (2) hours.

Submitted by: WALTER D. DOVEN

Walter D. Doven

Signature and Title

2005 Apache Pkwy
Terry Lee Rhodes Bldg., Room 222
TALLAHASSEE, FL 32399-6500
(850) 245-1300

Roadway Construction is proposed underway, Yes _____ Job No. _____

Recommended for approval _____ Title _____

Date 02-20-2007

Approved by: TROY H. REGISTER TH-R

District Permit Engineer or Authorized Representative

UTILITY PERMITS COORDINATOR

FLORIDA DEPARTMENT OF TRANSPORTATION

JEB BUSH
GOVERNOR

DENVER J. STUTLER, JR.
SECRETARY



Permit No.: 07-K-292-0002
State Road Number: S.R. 25
Section No.: 29040
Beg M.P. 10.765+- End M.P. 10.765+-
Access Utility Drainage XX Special
Use TYPE: Propose to Construct a new Ag. Station on
West R.O.W of SR-25 & Remove old Ag. Station from
East SR-25 R.O.W.
SPECIAL PROVISIONS BINDING IF SIGNED BY:
Maintenance Engineer/ Permits Coordinator Approval

THE FOLLOWING ARE SPECIAL PROVISIONS THAT APPLY TO THE ABOVE REFERENCED PERMIT, IF MARKED!

1. XX All portions of the right-of-way disturbed in the construction of this permit will be mulched, seeded and/or one foot of sod to be placed adjacent to the driving lane, as per FDOT specifications.
2. XX Notify the Lake City Maintenance Office 48 hours prior to commencing work on above said permit. The phone number is (386)-961-7180.
3. XX The Permittee will contact the appropriate city/county government, a minimum of forty-eight (48) hours in advance of starting excavation within the area of any signalized intersection.
4. XX The Permittee may be required to relocate (move), as so indicated under this permit at a future date, due to proposed FDOT roadway construction planned for this area.
- 5 XX Existing utilities may be located within the construction area. Prior to commencing work, permittee shall locate all utilities within the permitted area and obtain detailed information from utility owners as to possible conflicts between utilities and permittee's work. Permittee shall be responsible for coordination, and all adjustments and resolving any conflicts of utilities. Permittee shall be solely responsible for any damage to utilities and/or damage to third parties caused by interference with or damage to existing utilities.
6. XX No business is to be done on FDOT right-of-ways, if vehicles are to be serviced on roadside of pumps, pump islands must be located at least twelve (12) feet from right-of-way.
7. Driveway permits are granted to permit access to abutting property only. Parking on right-of-way may be restricted or prohibited.
8. The erection of signs on or overhanging the right-of-way of state roads is not permitted. The connection of any type of subsurface drainage to FDOT storm drains or ditches is prohibited unless shown in the special provisions of the above referenced permit.
9. XX All Construction and/or Maintenance on the Department's right-of-way shall conform to Federal Manual Uniform Traffic Control Devices (MUTCD), the Department's Roadway and Traffic Design Standards Specifications for Road and Bridge Construction.
10. XX Pre and Final Inspections are required by FDOT Inspector.
11. An on-site pre-construction review of the permitted construction by FDOT representative owner, and contractor must be held prior to beginning construction. Contact the Department of Transportation's Lake City Maintenance at (386)-961-7153 to set up appointment.
12. If proposed permitted work site is within a State Roadway Construction Area that is proposed or underway then the Permittee shall schedule commencement date and all planned work under this permit with the State FDOT's contractor in charge of on-site operations responsibilities.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PERMIT ADDENDUM
NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES
FROM
PERMIT RELATED CONSTRUCTION PROJECTS

MAINTENANCE
DISTRICT TWO
05/04

To be completed by Department

Associated Permit No.(s): _____

To be completed by Permittee Dept. of Agriculture & Consumer Services

Description of work to be performed BUILD NEW Ag STATION ON (S) OF S.R. 100 -
US-41 (N) AND REMOVE OLD Ag station ON (N) S.R. 100 - US-41.

Total Disturbed Area Documents Required Prior to Construction	
☐ Calculations of Disturbed Earth (Submit to Department)	
☐ Over 1 Acre (Documents Available to Department Upon Request) ☐ Generic Permit For Stormwater Discharge from Large and Small Construction Activities ☐ Notice of Intent (NOI) to use Generic Permit for Stormwater Discharge from Large and Small Construction Activities ☐ Stormwater Pollution Prevention Plan (SWPPP)	☒ Under 1 Acre (Documents Available to Department Upon Request) ☐ An Erosion Control Plan
Required Upon Completion of Construction (Must Submit Copy to Department)	
☐ Notice of Termination (NOT) of Generic Permit Coverage	☐ Notification of Completion

I certify that I understand the terms and conditions of the National Pollution Discharge Elimination System (NPDES) Generic Permit that authorizes the storm water discharges associated with activities from the construction site. I also understand that the Generic Permit requires erosion and sediment control inspections, Documentation shall be available to the Department upon request. Information may be found at <http://www.dep.state.fl.us/water/stormwater/npdes/index.htm>.

Signature: Walter D. Doven Date: 2/7/07
Name and Title: WALTER D. DOVEN
Program Planning Coordinator

1. This addendum shall be completed for all activities that disturb soils within or adjacent to the Right-of-Way.
2. If this addendum is signed by a representative of the applicant, a letter of authorization from the permittee must be attached.
3. The above documents are in addition to documents required from associated permits.

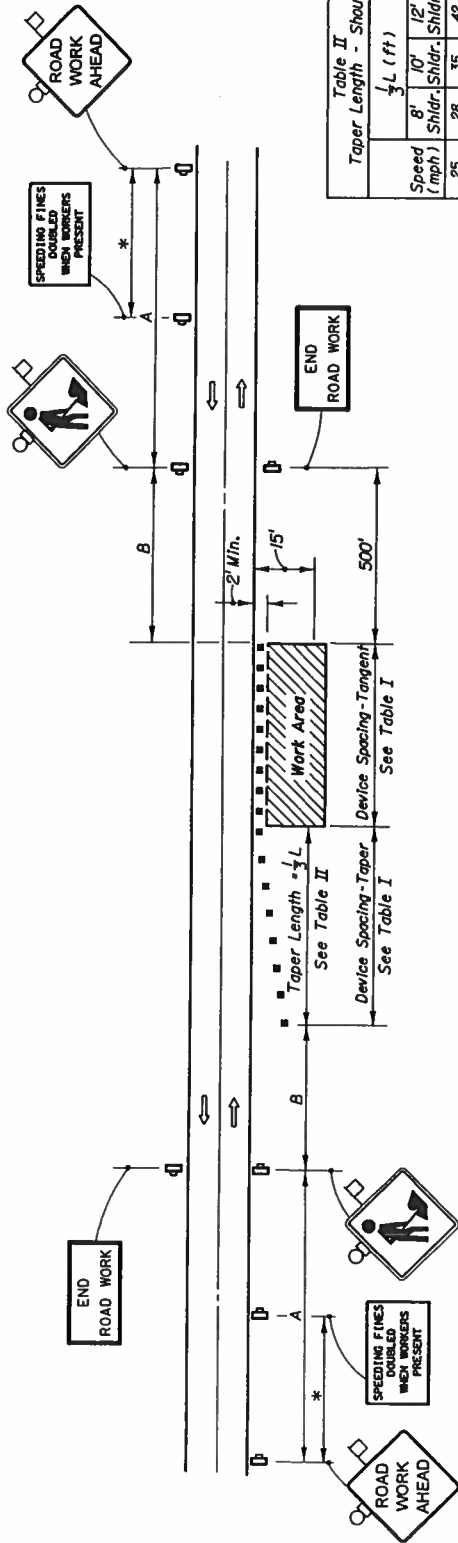


Table II
Taper Length - Shoulder

Speed (mph)	$\frac{1}{3}L$ (ft)		Notes
	8' Shldr.	12' Shldr.	
25	28	35	42
30	40	50	60
35	55	68	82
40	72	90	107
45	120	150	180
50	133	167	200
55	147	183	220
60	160	200	240
65	173	217	260
70	187	233	280

$\frac{1}{3}L$ - Length of shoulder taper in feet
 W - Width of total shoulder in feet (combined paved and unpaved width)
 S - Posted speed limit (mph)

Table I
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft)		
	Cones or Tubular Markers	Type I or Type II Barricade or Drums	Taper
25	25	50	25
30 to 45	25	50	30
50 to 70	25	50	50

DISTANCE BETWEEN SIGNS

Speed	Spacing (ft)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

GENERAL NOTES

1. All vehicles, equipment, workers (except flaggers), and their activities are restricted to one side of the roadway.
2. When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.
3. WORKERS sign to be removed or fully covered when no work is being performed.
4. SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
5. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.
6. For general TCZ requirements and additional information refer to Index No. 600.

DURATION NOTES

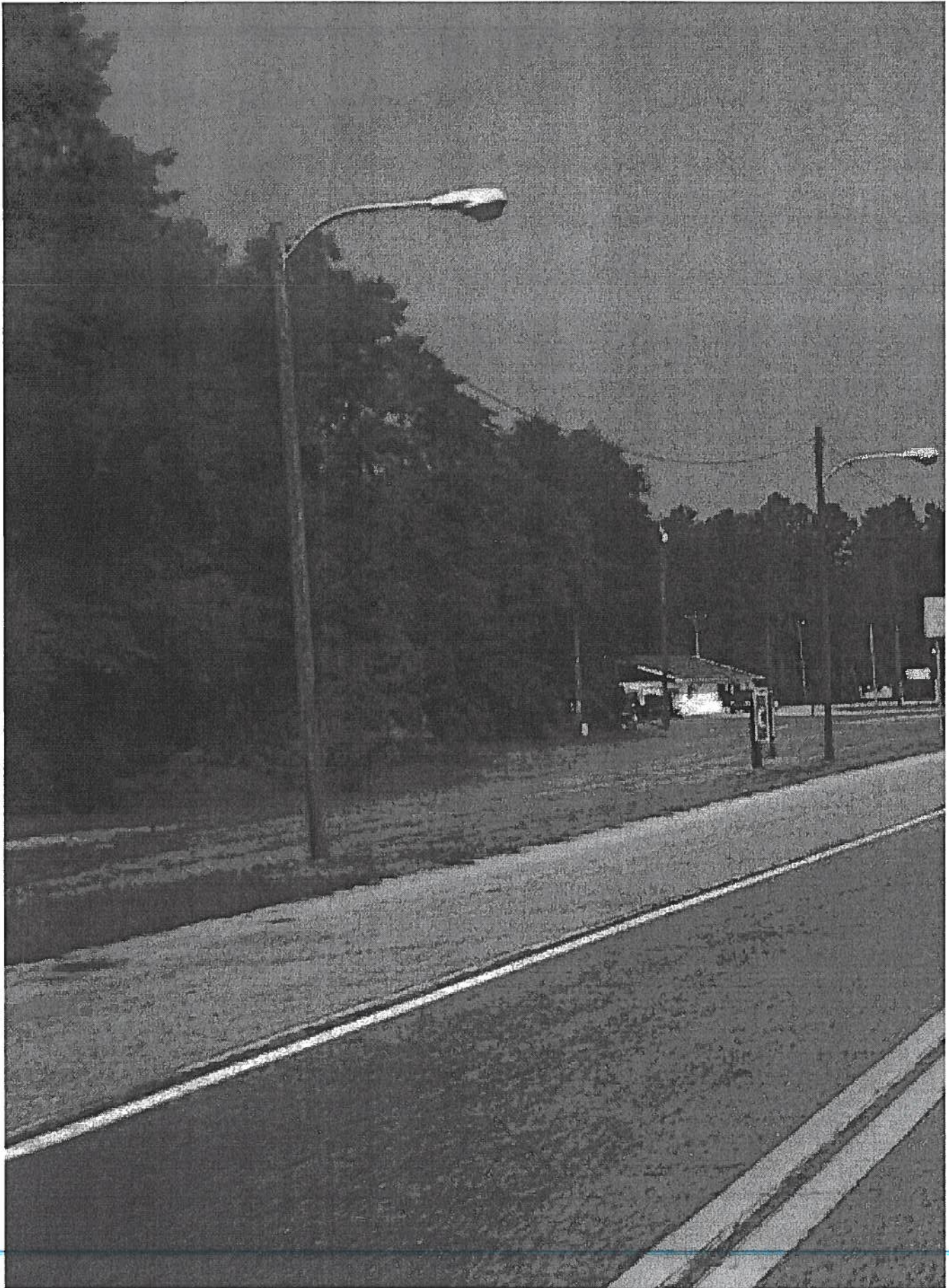
- a) Signs and channelizing devices may be omitted if all of the following conditions are met:
 i) Work operations are 60 minutes or less.
 ii) Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

SYMBOLS

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification - Direction of Traffic

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.







**Suwannee
River
Water
Management
District**

9225 CR 49
Live Oak, FL 32060
TELEPHONE: 386-362-1001
TELEPHONE: 800-226-1066

Dear Permittee:

Enclosed is your approved Environmental Resource Permit. Based on the activity described in your application, Suwannee River Water Management District (District) staff has reasonable assurance that the proposed construction meets conditions for issuance, provided you follow the permit conditions and your stated activity.

The construction of a surfacewater management system requires filing a Notice of Commencement and as-built certification forms within 30 days of completion of construction. These forms are enclosed with your permit.

Be aware of the location of underground utilities before starting excavation.

If you wish, we will visit with you on site to discuss the terms of the permit, review existing pre-construction conditions, and answer any questions you may have prior to beginning work. If you would like to schedule a pre-construction meeting, please contact Resource Management staff at 386.362.1001 or 800.226.1066.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Dinges".

Jon Dinges, P. E.
Department Director, Resource Management

AS-BUILT VERIFICATION

(FOR PROJECTS NOT REQUIRING ENGINEERED PLANS)

I hereby notify the Suwannee River Water Management District that construction of the surfacewater management system authorized by permit number

_____, issued on _____, for _____, has

been built in substantial conformance with the permitted drawings. I further confirm that operation and maintenance of the system will be performed as needed.

Signature

Name (Please print or type)

Company Name

Mailing Address

City, State, Zip Code

Phone Number

Suwannee River Water Management District
9225 County Road 49
Live Oak, Florida 32060
386.362.1001 or 800.226.1066 (Florida only)

Revised 7/02



**SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT**

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

NOTICED GENERAL PERMIT

PERMITTEE:

SOUTHLAND CONTRACTING, INC.
1430 E. PIEDMONT DR. SUITE 100
TALLAHASSEE, FL 32308

PERMIT NUMBER: ERP07-0069

DATE ISSUED: 03/05/2007

DATE EXPIRES: 03/05/2010

COUNTY: COLUMBIA

TRS: S17/T2S/R16E

PROJECT: WHITE SPRINGS AG INSPECTION STATION

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

STATE OF FLORIDA - DEPARTMENT OF TRANSPORTATION
710 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

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

Replacement of existing 405 square foot building with new 790 square foot building and pad according to the application package submitted by Dave Batts, P.E., on February 22, 2007.

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 noticed general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit

Permit No.: ERP07-0069

Project: WHITE SPRINGS AG INSPECTION STATION

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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.

General Conditions for All Noticed General Permits:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this section are general permit conditions and are binding upon the permittee for all noticed general permits in Part II of this chapter. These conditions are enforceable under Part IV of chapter 373, F.S.
 2. The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. A violation of the permit is a violation of Part IV of chapter 373, F.S., and may result in suspension or revocation of the permittee's right to conduct such activity under the general permit. The District may also begin legal proceedings seeking penalties or other remedies as provided by law for any violation of these conditions.
 3. This general permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any construction, alteration, operation, maintenance, removal or abandonment authorized by this permit.
 4. This general 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 general permit and Part II of this chapter.
 5. This general permit does not relieve the permittee from liability and penalties when the permitted activity causes harm or injury to human health or welfare, animal, plant or aquatic life, or property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and District rules.
 6. The permittee is hereby advised that s.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.
 7. The authorization to conduct activities pursuant to general permit may be modified, suspended or
-

Permit No.: ERP07-0069

Project: WHITE SPRINGS AG INSPECTION STATION

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revoked in accordance with chapter 120, and s.373.429, F.S.

8. This permit shall not be transferred to a third party except pursuant to s.40B-4.1130, F.A.C. The permittee transferring the general permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located.
 9. Upon reasonable notice to the permittee, District staff with proper identification shall have permission to enter, inspect, sample and test the permitted system to insure conformity with the plans and specifications approved by the permit.
 10. The permittee shall maintain any permitted system in accordance with the plans submitted to the District and authorized by this general permit.
 11. A permittee's right to conduct a specific noticed activity under this noticed general permit is authorized for the duration on the front of this permit.
 12. Construction, alteration, operation, maintenance, removal and abandonment approved by this general permit shall be conducted in a manner which does not cause violations of state water quality standards, including any antidegradation provisions of s.62-4.242(1)(a) and (b), 62-4.242(2) and (3), and 62-302.300, F.A.C., and any special standards for Outstanding Florida Waters and Outstanding National Resource Waters. The permittee shall implement best management practices for erosion, turbidity and other pollution control to prevent violation of state water quality standards. Temporary erosion control measures such as sodding, mulching, and seeding shall be implemented and shall be maintained on all erodible ground areas prior to and during construction. Permanent erosion control measures such as sodding and planting of wetland species shall be completed within seven days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into wetlands or other surface waters exists due to the permitted activity. Turbidity barriers shall remain in place and shall be maintained in a functional condition at all locations until construction is completed and soils are stabilized and vegetation has been established. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.
 13. 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, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the general permit.
 14. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
-

Permit No.: ERP07-0069

Project: WHITE SPRINGS AG INSPECTION STATION

Page 4 of 7

15. 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.

16. 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.

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

Approved by Kevin Wright Date Approved 3/5/07
District Staff

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.
 2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.
 3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.
 4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.
 5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.
 6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.
-

Permit No.: ERP07-0069

Project: WHITE SPRINGS AG INSPECTION STATION

Page 6 of 7

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:

SOUTHLAND CONTRACTING, INC.
1430 E. PIEDMONT DR. SUITE 100
TALLAHASSEE, FL 32308

At 4:00 p.m. this 5th day of March, 2009.



Jon M. Dinges
Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49

Permit No.: ERP07-0069

Project: WHITE SPRINGS AG INSPECTION STATION

Page 7 of 7

Live Oak, Florida 32060

386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP07-0069

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
CONSTRUCTION COMMENCEMENT NOTICE**

Suwannee River Water Management District
Department of Resource Management
9225 County Road 49
Live Oak, Florida 32060

PROJECT: White Springs Ag. Inspection Station PHASE: 1

I hereby notify the Suwannee River Water Management District that the construction of the surface water management system authorized by Environmental Resource Permit No. _____ has commenced/is expected to commence on _____, 20____, and will require duration of approximately ____ months/∞ weeks/days to complete. It is understood that should the construction term extend beyond one calendar year from the date of the permit issuance, I am obligated to submit the Annual Status Report for Surface Water Management System Construction form number 40B-1.901(20).

Note: If the construction commencement date is not shown, the District should be so notified in writing in order to satisfy permit conditions.

Southland Contracting, Inc. / Dave Batts
Type or Print Permittee's or Authorized Agent's Name

850-562-8278
Phone

1430 E. Piedmont Dr. Ste 100 Tallahassee, FL
Address

[Signature]
Permittee's or Authorized
Agent's Signature

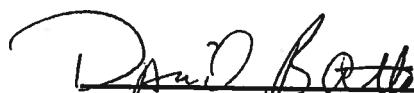
N/A
Title Company

2-22-07
Date

SECTION B

OPERATION AND MAINTENANCE ENTITY (TO BE COMPLETED BY THE OPERATION AND MAINTENANCE ENTITY)

The below named entity or individual agrees to operate and maintain the surfacewater management system constructed under permit number _____, issued _____, in compliance with all permit conditions and the provisions of Chapter 373, Florida Statutes, and Chapter 40B-4, Florida Administrative Code.


Signature of Maintenance
Entity or Authorized Agent

2-22-07
Date Signed

Dave Batts
Name (Please print or type)

Southland Contracting, Inc.
Company Name

1430 E. Piedmont Dr., Ste 100
Mailing Address

Tallahassee, FL 32308
City, State, Zip Code

850-562-8278
Phone Number

RESPONSIBILITY FOR MAINTENANCE AND OPERATION MAY BE TRANSFERRED TO AN ENTITY OTHER THAN THE ENTITY SPECIFIED ON THE PERMIT ONLY UPON WRITTEN NOTICE AND APPROVAL BY THE DISTRICT PURSUANT TO SECTIONS 40B-4.1110 OR 40B-4.1130, FLORIDA ADMINISTRATIVE CODE.

JOINT APPLICATION FOR ENVIRONMENTAL RESOURCE PERMIT/AUTHORIZATION TO USE
STATE OWNED SUBMERGED LANDS/FEDERAL DREDGE AND FILL PERMIT

SECTION C

ENVIRONMENTAL RESOURCE PERMIT NOTICE OF RECEIPT OF APPLICATION

This information is required in addition to that required in other sections of the application. Please submit five copies of this notice of receipt of application and all attachments with the other required information. Please submit all information required by this Section on 8 1/2" x 11" paper.

Project Name: N/A
County(ies):
Owner:
Applicant (if different than owner):
Applicant's Address:

1. Indicate the project boundaries on a USGS 7.5 minute topographic quadrangle map, reduced or enlarged as necessary to legibly show the entire project. If not apparent from the quad map, provide a location map showing a north arrow and graphic scale; Section(s), Township(s), and Range(s); and sufficient detail to allow a person unfamiliar with the site to find it.
2. Provide the names of all wetlands, or other surface waters that would be dredged, filled, impounded, diverted, drained, or would receive discharge (either directly or indirectly), or would otherwise be impacted by the proposed activity, and specify if they are in an Outstanding Florida Water or Aquatic Preserve:
3. Attach a depiction (plan and section views), which clearly shows the works or other facilities proposed to be constructed. Use a scale sufficient to show the location and type of works. Use multiple sheets if necessary.
4. Briefly describe the proposed project (such as "construct dock with boat shelter", "replace two existing culverts", "construct surface water management system to serve 150 acre residential development"):
5. Specify the acreage of wetlands or other surface waters, if any, that are proposed to be disturbed, filled, excavated, or otherwise impacted by the proposed activity:

filled _____ ac.; _____ excavated ac.;

other impacts _____ ac.
6. Provide a brief statement describing any proposed mitigation for impacts to wetlands and other surface waters (attach additional sheets if necessary):

FOR AGENCY USE ONLY

JOINT APPLICATION FOR ENVIRONMENTAL RESOURCE PERMIT/AUTHORIZATION TO USE
STATE OWNED SUBMERGED LANDS/FEDERAL DREDGE AND FILL PERMIT

Application Name:	N/A
Application Number:	
Office where the application can be inspected:	
Date to be posted:	Date to be removed:

JOINT APPLICATION FOR ENVIRONMENTAL RESOURCE PERMIT/AUTHORIZATION TO USE
STATE OWNED SUBMERGED LANDS/FEDERAL DREDGE AND FILL PERMIT

SECTION A

ACOE Application #
Date Application Received
Proposed Project Lat.
Proposed Project Long.

FOR AGENCY USE ONLY

SRWMD Application #
Date Application Received
Fee Received \$
Fee Receipt #

PART 1:

Are any of the activities described in this application proposed to occur in, on, or over wetlands or other surface waters? ☐ yes ☒ no

PART 2:

A.

- Type of Environmental Resource Permit Requested (check at least one).
- ☒ Noticed General - include information requested in Section B.
 - ☐ General (Single Family Dwelling) - include information requested in Sections C and D.
 - ☐ General (all other projects) - include information requested in Sections C and D.
 - ☐ Individual (Single Family Dwelling) - include information requested in Sections C and D.
 - ☐ Individual (all other projects) - include information requested in Sections C and D.
 - ☐ Conceptual - include information requested in Sections C and E.
 - ☐ Mitigation Bank Permit (construction) - include information requested in Sections C and F.
 - ☐ F. (If the proposed mitigation bank involves the construction of a surface water management system requiring another permit defined above, check the appropriate box and submit the information requested by the applicable section.)
 - ☐ Mitigation Bank (conceptual) - include information requested in Sections C and F.

B.

Type of activity for which you are applying (check at least one)

- ☒ Construction or operation of a new surfacewater management system, including dredging or filling in, on or over wetlands and other surface waters.
- ☐ Construction, expansion, or modification of a solid waste facility.
- ☐ Alteration or operation of an existing surfacewater management system not previously permitted by a WMD or DEP.
- ☐ Modification of a surfacewater management system previously permitted by a WMD or DEP. Provide applicable permit numbers, issuing agency, and date of issuance, and check the appropriate box below:
 - ☐ Alteration and operation of a system
 - ☐ Abandonment of a system
 - ☐ Construction and operation of additional phases of a system
 - ☐ Extension of permit duration
 - ☐ Removal of a system

C.

Are you requesting authorization to use State Owned Submerged Lands?
☐ yes ☒ no

D.

(If yes, include the information requested in Section G.)

For activities in, on, or over wetlands or other surface waters, check type of federal dredge and fill permit requested:

- ☐ Individual
- ☐ General
- ☐ Programmatic General
- ☐ Nationwide

E.

Are you claiming to qualify for an exemption? ☐ yes ☒ no
(If yes, provide the rule number or statutory citation, if known): _____

JOINT APPLICATION FOR ENVIRONMENTAL RESOURCE PERMIT/AUTHORIZATION TO USE
STATE OWNED SUBMERGED LANDS/FEDERAL DREDGE AND FILL PERMIT

PART 3:	
A. OWNER(S) OF LAND	B. ENTITY TO RECEIVE PERMIT (IF OTHER THAN OWNER)
Name <u>Department of Transportation</u>	Name <u>Dave Batts</u>
Title and Company <u>State of Florida</u>	Title and Company <u>Southland Contracting Inc</u>
Address	Address <u>1430 E. Piedmont Dr. Ste 100</u>
City, State, Zip	City, State, Zip <u>Tallahassee, FL 32308</u>
Telephone and Fax	Telephone and Fax <u>850-562-8278</u>
C. AGENT AUTHORIZED TO SECURE PERMIT	I. CONSULTANT (IF DIFFERENT FROM AGENT)
Name <u>Dave Batts</u>	Name
Title and Company <u>Southland Contracting, Inc.</u>	Title and Company
Address <u>1430 E. Piedmont Dr. Ste 100</u>	Address
City, State, Zip <u>Tallahassee, FL 32308</u>	City, State, Zip
Telephone and Fax <u>850-562-8278 / 850-562-5472</u>	Telephone and Fax
PART 4:	
A. Name of Project, including phase if applicable: <u>White Springs. AG. INSPECTION STATION</u>	
B. Is this application for part of a multi-phase project? ☐ yes ☒ no	
C. Total applicant-owned area contiguous to the project? <u>.02</u> acres	
D. Total project area for which permit is sought: <u>.02</u> acres	
E. Total impervious area for which a permit is sought: <u>.02</u> acres	
F. What is the total area (metric equivalent for federally funded projects) of work in, on, or over wetlands or other surface waters? _____ ac. _____ ha. _____ sq. ft. _____ sq. m.	
G. If a docking facility, the number of new boat slips proposed: _____ wet slips _____ dry slips	

JOINT APPLICATION FOR ENVIRONMENTAL RESOURCE PERMIT/AUTHORIZATION TO USE
STATE OWNED SUBMERGED LANDS/FEDERAL DREDGE AND FILL PERMIT

PART 5:

Project location (use additional sheets if needed):

County(ies) COLUMBUS

Section(s)

Township

Range

Section(s)

Township

Range

Section(s)

Township

Range

Land Grant name, if applicable:

Tax Parcel Identification Number: _____

Street, Address, Road, or other location: 10875 NW US HWY 41

City, Zip Code, if applicable: White Springs, FL 32096

PART 6: Describe in general terms the proposed project, system, or activity. REPLACEMENT OF
DEPARTMENT OF AGRICULTURAL INTERDICTION STATION #10.

JOINT APPLICATION FOR ENVIRONMENTAL RESOURCE PERMIT/AUTHORIZATION TO USE
STATE OWNED SUBMERGED LANDS/FEDERAL DREDGE AND FILL PERMIT

PART 7:

A. If there have been any pre-application meetings, including on-site meetings, with regulatory staff, please list the date(s), location(s), and names of key staff and project representatives, if known.

N/A

B. Please identify by number any MSSW/Wetland Resource/ERP/ACOE Permits pending, issued or denied for projects at the location, and any related enforcement actions, if known.

Agency	Date	No. Type of Application	Action Taken (Pending/Issued/Denied)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

NONE

C. Note: The following information is only required for projects with work proposed to occur in, on or over wetlands or other surfacewaters that need federal dredge and fill permits and/or authorization to use State Owned Submerged Lands. Please provide the names, addresses and zip codes of property owners whose property directly adjoins the project (excluding the applicant). Please attach a plan view showing the owner's names and adjoining property lines. Attach additional sheets if necessary.

- | | |
|---------------|----|
| 1. <u>N/A</u> | 2. |
| 3. | 4. |
| 5. | 6. |
| 7. | 8. |

JOINT APPLICATION FOR ENVIRONMENTAL RESOURCE PERMIT/AUTHORIZATION TO USE
STATE OWNED SUBMERGED LANDS/FEDERAL DREDGE AND FILL PERMIT

PART 8:

A. By signing and submitting this application form, I am applying, or I am applying on behalf of the applicant, for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, and that work prior to approval is a violation. I understand that this application and any permit issued or proprietary authorization issued pursuant thereto, does not relieve me of any obligation for obtaining any other required federal, state, water management district or local permit prior to commencement of construction. I agree, or I agree on behalf of my corporation, to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a responsible operation entity. I understand that knowingly making any false statement or representation is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

DAVID H BATHS
Typed/Printed Name of Applicant (If no Agent is used) or Agent (If one is so authorized below)

David H Baths 2-21-07
Signature of Applicant/Agent Date

(Corporate Title if applicable)

AN AGENT MAY SIGN ABOVE ONLY IF THE APPLICANT COMPLETES THE FOLLOWING:

B. I hereby designate and authorize the agent listed above to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and/or proprietary authorization indicated above; and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirements which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation is a violation of Section 373.430, F.S. and 18 U.S.C. Section 1001.

X

Typed/Printed Name of Applicant	Signature of Applicant	Date
---------------------------------	------------------------	------

(Corporate Title if applicable)

Please note: The applicant's original signature (not a copy) is required above.

PERSON AUTHORIZING ACCESS TO THE PROPERTY MUST COMPLETE THE FOLLOWING:

C. I either own the property described in this application or I have legal authority to allow access to the property, and I consent, after receiving prior notification, to any site visit on the property by agents or personnel from the Department of Environmental Protection, the Water Management District and the U.S. Army Corps of Engineers necessary for the review and inspection of the proposed project specified in this application. I authorize these agents or personnel to enter the property as many times as may be necessary to make such review and inspection. Further, I agree to provide entry to the project site for such agents or personnel to monitor permitted work if a permit is granted.

X

Typed/Printed Name of Applicant	Signature of Applicant	Date
---------------------------------	------------------------	------

(Corporate Title if applicable)



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: -

Name:	LandVal
Site:	BldgVal
Mail:	ApprVal
Sales	JustVal
Info	Assd
	Exmpt
	Taxable

0 92 184 276 ft



This information, GIS Map Updated: 11/20/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Site Plan



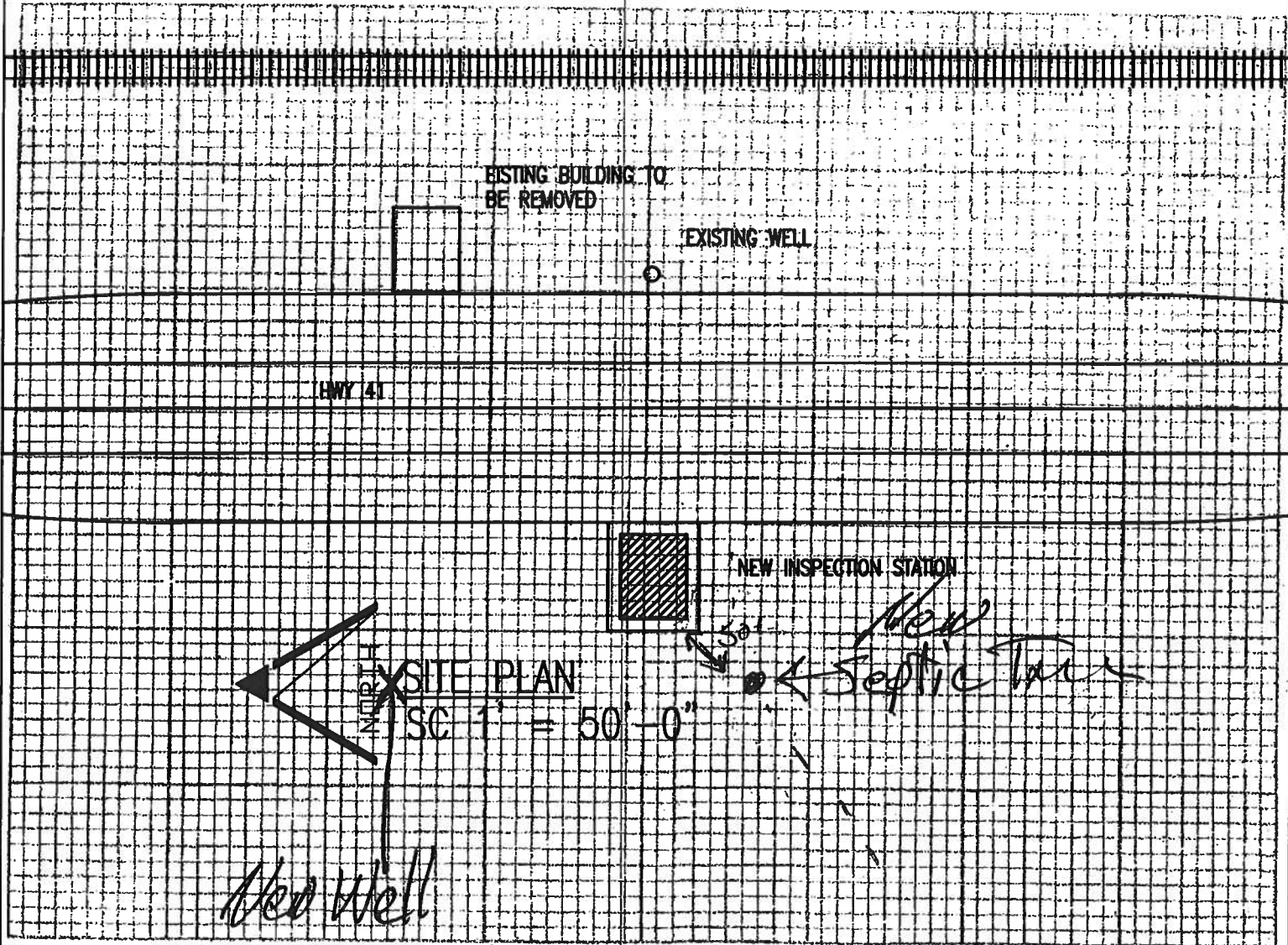
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-01068-1

PART II - SITE PLAN

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



Notes:

PARCEL NO. 16-25-16-33333-333 PER LARRY COOK USE THIS PARCIL ID NO.

Site Plan submitted by: WALTER D. DOVER

Walter D. Dover
Signature

PROGRAM COORDINATOR

Title

Plan Approved _____

Not Approved _____

Date 12/05/06

By _____

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

ACORD™ CERTIFICATE OF LIABILITY INSURANCEDATE (MM/DD/YYYY)
10/19/2006

PRODUCER BB&T-Landrum Yaeger 3375-B Capital Circle, NE PO Box 14099 Tallahassee, FL 32317		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
INSURED Southland Contracting, Inc. 1430 E Piedmont Drive, Suite 100 Tallahassee, FL 32308		INSURERS AFFORDING COVERAGE	NAIC #
		INSURER A: Crum & Forster Insurance Company	42471
		INSURER B: Auto Owners Insurance Company	18988
		INSURER C:	
		INSURER D:	
		INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A		GENERAL LIABILITY ☐ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS MADE ☒ OCCUR X BI/PD Ded:20000 GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC	GLO091160	05/16/06	05/16/07	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$50,000 MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
B		AUTOMOBILE LIABILITY X ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS X HIRED AUTOS X NON-OWNED AUTOS	4245942100	10/02/06	10/02/07	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
		GARAGE LIABILITY ☐ ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$
		EXCESS/UMBRELLA LIABILITY ☐ OCCUR ☐ CLAIMS MADE DEDUCTIBLE \$ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				☐ WC STATU-TORY LIMITS ☐ OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
		OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

Columbia County
Building Department
PO Box 1529
Lake City, FL 32056

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Jimmy Hughes

ACORD TM CERTIFICATE OF LIABILITY INSURANCE							Date 10/19/2006	
Producer: Lion Insurance Company 2739 U.S. Highway 19 N. Holiday, FL 34691 Phone: 727-938-5562 Fax: 727-937-2138				This Certificate is issued as a matter of information only and confers no rights upon the Certificate Holder. This Certificate does not amend, extend or alter the coverage afforded by the policies below.				
Insured: South East Personnel Leasing, Inc. 2739 U.S. Highway 19 N. Holiday, FL 34691 Phone : (727)938-5562				Insurers Affording Coverage			NAIC #	
Insurer A: Lion Insurance Company				Insurer B:			Insurer C:	
Insurer D:				Insurer E:				
Coverages								
The policies of insurance listed below have been issued to the insured named above for the policy period indicated. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions, and conditions of such policies. Aggregate limits shown may have been reduced by paid claims.								
INSR LTR	ADDL INSRD	Type of Insurance	Policy Number	Policy Effective Date (MM/DD/YY)	Policy Expiration Date (MM/DD/YY)	Limits		
		GENERAL LIABILITY ☐ Commercial General Liability ☐ Claims Made ☐ Occur ☐ _____ General aggregate limit applies per: ☐ Policy ☐ Project ☐ LOC				Each Occurrence	\$	
						Damage to rented premises (EA occurrence)	\$	
						Med Exp	\$	
						Personal Adv Injury	\$	
						General Aggregate	\$	
						Products - Comp/Op Agg	\$	
		AUTOMOBILE LIABILITY ☐ Any Auto ☐ All Owned Autos ☐ Scheduled Autos ☐ Hired Autos ☐ Non-Owned Autos ☐ _____				Combined Single Limit (EA Accident)	\$	
						Bodily Injury (Per Person)	\$	
						Bodily Injury (Per Accident)	\$	
						Property Damage (Per Accident)	\$	
		GARAGE LIABILITY ☐ Any Auto ☐ _____				Auto Only - Ea Accident	\$	
						Other Than Autos Only	EA Acc.	\$
							AGG.	\$
		EXCESS/UMBRELLA LIABILITY ☐ Occur ☐ Claims Made ☐ Deductible ☐ Retention				Each Occurrence		
						Aggregate		
A		Workers Compensation and Employers' Liability Any proprietor/partner/executive officer/member excluded? If Yes, describe under special provisions below.	WC 71949	01/01/2006	01/01/2007	X	WC Statutory Limits	OTH-ER
						E.L. Each Accident		\$1000000
						E.L. Disease - Ea Employee		\$1000000
						E.L. Disease - Policy Limits		\$1000000
	Other 1127131 Southland Contracting, Inc.	COVERAGE APPLIES ONLY TO THOSE EMPLOYEES LEASED, NOT TO SUBCONTRACTORS.						
Descriptions of Operations/Locations/Vehicles/Exclusions added by Endorsement/Special Provisions:								
ADD ON DATE: 3/7/2001 COVERAGE APPLIES ONLY IN THE STATE OF FLORIDA TO THOSE EMPLOYEES LEASED TO BUT NOT SUBCONTRACTORS OF Southland Contracting, Inc. * FAX: 850-562-5472 /ISSUE 10-19-06 (TD)								
Lion Insurance Company is A.M. Best Company rated A- (Excellent). AMB # 12616								
CERTIFICATE HOLDER COLUMBIA COUNTY BUILDING DEPARTMENT 135 NE HERNANDO AVENUE LAKE CITY FL 32055				CANCELLATION Should any of the above described policies be cancelled before the expiration date thereof, the issuing insurer will endeavor to mail 30 days written notice to the certificate holder named to the left, but failure to do so shall impose no obligation or liability of any kind upon the insurer, its agents or representatives.				

AC# 2783234

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L06090600867

DATE	BATCH NUMBER	LICENSE NBR
09/06/2006	068038626	CBC058187

The BUILDING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2008

ROWE, RUBEN RUFUS III
SOUTHLAND CONTRACTING INC
4098 N. MONROE ST
TALLAHASSEE FL 32303

JEB BUSH
GOVERNOR

SIMONE MARSTILLER
SECRETARY

DISPLAY AS REQUIRED BY LAW

AC# 2783263

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L06090600896

DATE	BATCH NUMBER	LICENSE NBR
09/06/2006	068038626	CCG045930

The ROOFING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2008

ROWE, RUBEN RUFUS III
SOUTHLAND CONTRACTING INC
1430 E PIEDMONT DR.
STE 100
TALLAHASSEE FL 32308

JEB BUSH
GOVERNOR

SIMONE MARSTILLER
SECRETARY

DISPLAY AS REQUIRED BY LAW

AC# 2764060

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L06083001613

DATE	BATCH NUMBER	LICENSE NBR
08/30/2006	068038626	CCC1326326

The ROOFING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2008

ROWE, RUBEN RUFUS III
SOUTHLAND ROWE ROOFING INC
1430 E PIEDMONT DR.
STE 100
TALLAHASSEE

FL 32308

JEB BUSH
GOVERNOR

SIMONE MARSTILLER
SECRETARY

DISPLAY AS REQUIRED BY LAW

Florida Energy Efficiency Code For Building Construction
Florida Department of Community Affairs
EnergyGauge FlaCom v 2.11 FORM 400A-2004
Whole Building Performance Method for Commercial Buildings

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

Short Desc: Dept. of Aug.

Owner: State Of Florida

Address: To be set later
To Be Set Later

City: Unknown

State: Florida

Zip: 32300

Type: Office

Class: New Finished building

Project: Department of Agriculture Inspection
Stations

PermitNo: 0

Storeys: 1

***Conditioned Area:** 396

***Cond + UnCond Area:** 396

Max Tonnage: 1.0 (if different, write in)

* denotes lighted area.
Does not include wall
crosection areas

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	356.88	401.56	PASSES
LIGHTING CONTROLS			PASSES
EXTERNAL LIGHTING			PASSES
HVAC SYSTEM			PASSES
PLANT			None Entered
WATER HEATING SYSTEMS			PASSES
PIPING SYSTEMS			None Entered
Met all required compliance from Check List?			Yes/No/NA

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

COMPLIANCE CERTIFICATION:

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

PREPARED BY: Bensons Heating and Air C

DATE: 10/23/06

I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.

OWNER AGENT: State Of Florida

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

**REGISTRATION
No.**

ARCHITECT :

ELECTRICAL SYSTEM DESIGNER:

LIGHTING SYSTEM DESIGNER:

MECHANICAL SYSTEM DESIGNER:

PLUMBING SYSTEM DESIGNER:

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

Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	89.59	100.00
	\$356.88	\$401.56
ELECTRICITY(MBtu/kWh/\$)	89.59	100.00
	7,039.00	7,843.00
	\$356.88	\$401.56
AREA LIGHTS	16.36	17.10
	1,286.00	1,334.00
	\$65.20	\$68.30
MISC EQUIPMT	11.15	11.15
	870.00	870.00
	\$44.11	\$44.54
PUMPS & MISC	0.74	0.74
	59.00	59.00
	\$2.99	\$3.02
SPACE COOL	34.57	40.89
	2,722.00	3,215.00
	\$138.01	\$164.61
VENT FANS	26.77	30.11
	2,102.00	2,365.00
	\$106.57	\$121.09

Credits & Penalties (if any): Modified Points: = 89.6

PASSES

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Building Entrance with (or free standing) Canopy	3.00	1,920.0	5,760	60
Design: 300 (W) Allowance: 5760 (W)				PASSES	

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compliance
Pr0Zo1Sp1	16	Office - Open Plan	396	1	8	1	PASSES
							PASSES

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1	System 1	Constant Volume Packaged System				No. of Units 1	
Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		12.00	9.70	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	Compliance
								None

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

Water Heater Compliance								
Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance	
Water Heater 1	Electric water heater	<= 12 [kW]	0.92	0.91			PASSES	
							PASSES	

Piping System Compliance								
Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance	
							None	

Project: Dept. of Aug.
Title: Department of Agriculture Inspection Stations
Type: Office
(WEA Fi

Other Required Compliance

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

Florida Energy Efficiency Code For Building Construction
Florida Department of Community Affairs

EnergyGauge FlaCom v 2.11 FORM 400B-2004
Envelope Trade-Off Compliance for Commercial Buildings

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

Short Desc: Dept. of Aug.

Project: Department of Agriculture Inspection
Stations

Owner: State Of Florida

Address: To be set later
To Be Set Later

City: Unknown

State: Florida

Zip: 32300

PermitNo: 0

Storeys: 1

Type: Office

Class: New Finished building

***Conditioned Area:** 396

* denotes lighted area.

***Cond + UnCond Area:** 396

Does not include wall
crosection areas

Max Tonnage: 1.0 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
ENVELOPE	70.90	101.40	PASSES
LIGHTING POWER	420.00	435.60	PASSES
LIGHTING CONTROLS			PASSES
EXTERNAL LIGHTING			PASSES
HVAC SYSTEM			PASSES
PLANT			None Entered
WATER HEATING SYSTEMS			PASSES
PIPING SYSTEMS			None Entered
Met all required compliance from Check List?			Yes/No/NA

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

COMPLIANCE CERTIFICATION:

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



PREPARED BY: Bensons Heating and Air C

DATE:

10/23/06

I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.

OWNER AGENT: State Of Florida

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

**REGISTRATION
No.**

ARCHITECT : _____

ELECTRICAL SYSTEM DESIGNER: _____

LIGHTING SYSTEM DESIGNER: _____

MECHANICAL SYSTEM DESIGNER: _____

PLUMBING SYSTEM DESIGNER: _____

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

Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: Dept. of Aug.

Title: Department of Agriculture Inspection Stations

Type: Office

(WEA File: JACKSONVILLE.TMY)

Envelope Compliance

Zone	Design Load		Criteria	
	Heating	Cooling	Heating	Cooling
Building	26.60	44.30	36.00	65.40

Total Loads: Design =70.9 Criteria =101.4

PASSES

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Building Entrance with (or free standing) Canopy	3.00	1,920.0	5,760	60

Design: 300 (W)
 Allowance: 5760 (W)

PASSES

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

Lighting Power Compliance

Space	Ashrae ID	Description	Area (sq.ft)	Height (ft)	No. of Spaces	Design (W)	Effective (W)	Allowance (W)
Pr0Zo1Sp1	16	Office - Open Plan	396	8.0	1	420	420	436

Design : 420 (W)
 Effective: 420 (W)
 Allowance: 435.6 (W)

PASSES

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli- ance
Pr0Zo1Sp1	16	Office - Open Plan	396	1	8	1	PASSES

PASSES

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1 System 1 Constant Volume Packaged System No. of Units 1

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		12.00	9.70	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	Compliance
-------------	--------------	------	------------	---------	-------------	----------	----------	------------

None

Project: Dept. of Aug.
 Title: Department of Agriculture Inspection Stations
 Type: Office
 (WEA File: JACKSONVILLE.TMY)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
Water Heater 1	Electric water heater	<= 12 [kW]	0.92	0.91			PASSES

PASSES

Piping System Compliance

Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance
None							

Project: Dept. of Aug.
Title: Department of Agriculture Inspection Stations
Type: Office
(WEA Fi

Other Required Compliance

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

EnergyGauge FlaCom v 2.11
INPUT DATA REPORT

Project Information

Project Name: Dept. of Aug.	Orientation: North
Project Title: Department of Agriculture Inspection Stations	Building Type: Office
Address: To be set later To Be Set Later	Building Classification: New Finished building
State: Florida	No.of Storeys: 1
Zip: 32300	GrossArea: 396
Owner: State Of Florida	

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]
1	Pr0Zo1	Zone 1	CONDITIONED	396.0	1	396.0

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multi plier	Total Area [sf]	Total Volume [cf]
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In Zone: Pr0Zo1									
1	Pr0Zo1Sp1	Zo0Sp1	Office - Open Plan	22.00	18.00	8.00	1	396.0	3168.0 ☐

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	Recessed Fluorescent - No vent	General Lighting	7	60	420	Manual On/Off	8 ☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.s.f.F/Btu]
In Zone: Pr0Zo1											
1	Pr0Zo1Wa1	8 in. h.w. conc, 2 in. insul, finish	18.00	10.00	1	180.0	North	0.1330	19.7121	111.44	7.52 ☐
2	Pr0Zo1Wa2	8 in. h.w. conc, 2 in. insul, finish	18.00	10.00	1	180.0	South	0.1330	19.7121	111.44	7.52 ☐
3	Pr0Zo1Wa3	8 in. h.w. conc, 2 in. insul, finish	22.00	10.00	1	220.0	East	0.1330	19.7121	111.44	7.52 ☐
4	Pr0Zo1Wa4	8 in. h.w. conc, 2 in. insul, finish	22.00	10.00	1	220.0	West	0.1330	19.7121	111.44	7.52 ☐

Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHG	Vis.Tr	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]
----	-------------	------	--------	--------------------	-----	--------	-----------	-------------------	----------------	--------------------

In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa1											
1	Pr0Zo1Wa1Wi1	User Defined	No	0.9000	0.68	0.66	8.00	4.00	2	64.0	☐
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Wi1	User Defined	No	0.9000	0.68	0.66	5.00	4.00	1	20.0	☐
In Wall: Pr0Zo1Wa4											
1	Pr0Zo1Wa4Wi1	User Defined	No	0.9000	0.68	0.66	4.00	3.00	1	12.0	☐
2	Pr0Zo1Wa4Wi2	User Defined	No	0.9000	0.68	0.66	5.00	4.00	1	20.0	☐

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.s.f./Btu]	
In Zone: Pr0Zo1												
In Wall: Pr0Zo1Wa3												
1	Pr0Zo1Wa3Dr1	Solid mineral fiberboard core	No	3.00	7.00	1	21.0	0.5613	0.00	0.00	1.78	☐
In Wall: Pr0Zo1Wa4												
1	Pr0Zo1Wa4Dr1	Solid mineral fiberboard core	No	3.00	7.00	1	21.0	0.5613	0.00	0.00	1.78	☐

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap Dens. [lb/cf]	R-Value [h.s.f.F/Btu]		
In Zone: Pr0Zo1												
1	Pr0Zo1Rf1	Mtl Bldg Roof/R-19 Batt	26.00	30.00	1	780.0	33.00	0.0492	1.34	9.49	20.34	☐

Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier [Sf]	Area [Sf]	Total Area [Sf]
----	-------------	------	-----------------	------	-----------	--------	----------------	-----------------	-----------	-----------------

In Zone:	
In Roof:	☐

Floors									
No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. Dens. [Btu/sf. F]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1									
1	Pr0Zo1Fl1	Concrete floor, carpet and rubber pad	18.00	22.00	1	396.0	0.5987	9.33	140.00
									1.67
									☐

Systems					
Pr0Sy1	System 1	Constant Volume Packaged System			No. Of Units 1
Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	12000.00	12.00	8.00	☐
2	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	300.00	0.80		☐

Plant				
Equipment	Category	Size	Inst.No	Eff. IPLV
				☐

Water Heaters				
W-Heater Description	Capacit Cap. Unit	I/P Rt.	Efficienc	Loss
1 Electric water heater	15 [Gal]	1 [kW]	0.9200 [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]
1 Ext Light 1	Building Entrance with (or free standing) Canopy	5	60	1920.00	Photo Sensor control	300.00

Piping

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

Fenestration Used

Name	Glass Type	No. of Panels	Glass Conductance [Btu/h.sf.F]	SHGC	VLT
ASHULDb1ClrMt 1-Oth frm	User Defined	2	0.9000	0.6800	0.6600

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]
151	Mat1151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000
178	Mat1178	CARPET W/RUBBER PAD	Yes	1.2300				☐
23	Mat123	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000

94	Matl94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500	☐
7	Matl7	Gyp or Plaster Finish	No	0.1738	0.0417	0.2400	78.00	0.2600	☐
45	Matl45	8 in. Heavyweight concrete	No	0.6670	0.6670	1.0000	140.00	0.2000	☐
14	Matl14	2 in. Insulation	No	6.6800	0.1670	0.0250	5.70	0.2000	☐

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	1.6703 ☐
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	151	CONC HW, DRD, 140LB, 4IN	0.3333	0.00			☐
2	178	CARPET W/RUBBER PAD		0.00			☐
No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1032	Solid mineral fiberboard core	No	Yes	0.56			1.7816 ☐
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	283	Solid mineral fiberboard core		0.00			☐
No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1047	Mtl Bldg Roof/R-19 Batt	No	No	0.05	1.34	9.49	20.3366 ☐
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.00			☐
2	23	6 in. Insulation	0.5000	0.00			☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1057	8 in. h.w. conc, 2 in. insul, finish	No	No	0.13	19.71	111.44	7.5207
							☐
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	45	8 in. Heavyweight concrete	0.6670	0.00			☐
2	14	2 in. Insulation	0.1670	0.00			☐
3	7	Gyp or Plaster Finish	0.0417	0.00			☐

**COLUMBIA COUNTY
FLORIDA**

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 19-3S-17-33333-333

Building permit No. 000025611

Use Classification GOV BUILDING

Fire: 0.00

Permit Holder SOUTHLAND CONTRACTING

Waste:

Owner of Building STATE OF FLORIDA, DEPT OF AGRICULTURE

0.00

Location: 10875 NW US HWY 41, WHITE SPRINGS, FL 32096

Date: 08/29/2007



Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

All South Engineering

1430 East Piedmont Drive, Suite 100
Tallahassee, Florida 32308
Phone: 850.251.3082

Job Location: DOA inspection station

County: Baker/Columbus/Gilchrist

Contractor: Southland

Date: 10/17/2006

Prepared By: David H Batts II, P.E. FL Lic. #32881

SPECIFICATIONS FOR WIND ANALYSIS, 120 MPH VELOCITY

Per Florida Building Code 2004

Based on calculations as per ASCE 7-02

Velocity Pressure: 21.93 psf

Importance Factor: 1
Building Category: 11
Wind Exposure: B
Internal Pressure Coefficient: 0.18

Mean Roof Height: 10
Top Plate Species: spf
End Zone Length: 6
Roof Slope: 4:12

Stud Species: spf
Max Stud Ht. - excluding gable end: cmu
Stud Spacing: cmu
Max Overhang - excluding: 4

Hurricane Clips (HC) Brand: Simpson Strong-Tie (or equal)

Truss Location

Model # @ End Zone
or per Truss Mfr.

Model # @ Interior Zone
or per Truss Mfr.

ALL Spans

see details

see details

Roof Sheathing

7/16" OSB Sheathing

See note 1

Fastener: 8d

Edges (Perimeter) 6"oc

Field 12"oc

Wall Bracing:

CMU

100% continuous on
all exterior walls.

Fastener:

Edges (Perimeter)

Field

Wall Straps:

CMU SEE WALL DESIGN

Top
SPH4

Bottom

SPH4

Model: Nails:

Spacing 1st Floor:

Model: Nails:

Model: Nails:

Spacing 1st Floor:

Note: Space connectors @32" o.c. for 1st 96" each way from each corner.

If 2x6 studs are used, use Simpson SPH6 (or equal) in lieu of SPH4 - same locations and nailing.

Anchor Bolts:

1/2" dia. X 10" long with 2" washers

(see notes 4, 5)

Spacing along wall: 48"oc

Spacing from each corner: 6"

General Notes:

1. Edge nail spacing to be 4" for first panel at all eaves and gables

3. Girder trusses require special attention for uplift requirements.

4. Spacing from each outside corner for walls over 8'-0" long. (6" & 18" from corner)

5. Provide 2- 1/2"x 10" anchor bolts (12+- spacing) each side garage door openings.

6. Interior shear walls. (none)

David H Batts II
10-17-06

All South Engineering

1430 East Piedmont Drive, Suite 100
Tallahassee, Florida 32308
Phone: 850.251.3082

Design Pressures

Job Location: DOA inspection station

COMPONENTS AND CLADDING PRESSURES

ROOF ZONES		WIND LOADS [Pressure (psf)]	
1		Pressure: 11.85	Suction: -22.16
2		Pressure: 11.85	Suction: -39.28
3		Pressure: 11.85	Suction: -39.28
WALL ZONES		WIND LOADS [Pressure (psf)]	
4		Pressure: 23.18	Suction: -25.37
5		Pressure: 23.18	Suction: -29.24

MAIN WIND FORCE RESISTING SYSTEMS (MWFRS)

ROOF ZONES		WIND LOADS [Pressure (psf)]	
2		End Zone: -27.42	Interior Zone: -19.08
3		End Zone: -17.29	Interior Zone: -13.24
WALL ZONES		WIND LOADS [Pressure (psf)]	
1		End Zone: 19.36	Interior Zone: 14.12
4		End Zone: -15.63	Interior Zone: -11.81

Notes:

1. Min. of two rows of blocking for studs over 10'. Studs over 12' to be @ 12" o.c.
2. All load bearing and shear walls will be framed with 2 x 4 No. 2 grade spf studs or better.
3. Alternate hurricane clips may be used meeting minimum specification per page 1.
4. Install Simpson sheathing clip PSCL @ 24" O.C. for roof sheathing.
5. Apply 1 layer 7/16" OSB sheathing inside and outside each side of garage door w/ 4" edge spacing and 12" field spacing.
6. Provide continuous structural sheathing on gable ends and block all edges on structural sheathing.
7. Gable ends per attached details. For vaulted ceilings, balloon framing required.
8. See attached pages for column locations and connections.

[Handwritten signature]
10-17-06

David
Batts

PROJECT : DOA inspection station
CLIENT : DOA
JOB NO. :
DATE : #####

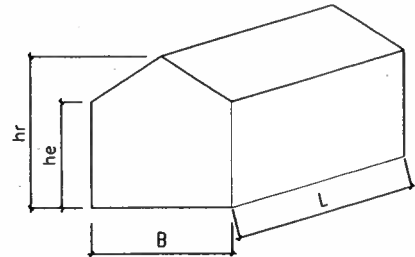
PAGE :
DESIGN BY : db
REVIEW BY :

Wind Analysis for Low-rise Building, Based on ASCE 7-02

INPUT DATA

Exposure category (A, B, C or D)
Importance factor, pg 73, (0.87, 1.0 or 1.15)
Basic wind speed
Topographic factor (Sec.6.5.7.2, pg 30 & 47)
Building height to eave
Building height to ridge
Building length
Building width
Effective area of components

I = B
V = 1.00 Category II
K_{zt} = 1.20 mph
he = 8 ft
hr = 10 ft
L = 22 ft
B = 18.3 ft
A = 50 ft²



DESIGN SUMMARY

Max horizontal force normal to building length, L, face = 3.30 kips
Max horizontal force normal to building length, B, face = 2.89 kips
Max total horizontal torsional load = 10.08 ft-kips
Max total upward force = 7.19 kips

ANALYSIS

Velocity pressure

$$q_h = 0.00256 K_h K_{zt} K_d V^2 I = 21.93 \text{ psf}$$

where: q_h = velocity pressure at mean roof height, h. (Eq. 6-15, page 31)

K_h = velocity pressure exposure coefficient evaluated at height, h. (Tab. 6-3, Case 1, pg 75) = 0.70

K_d = wind directionality factor. (Tab. 6-4, for building, page 76) = 0.85

h = mean roof height = 9.00 ft
< 60 ft, [Satisfactory]

Design pressures for MWFRS

$$p = q_h [(G C_{p1}) - (G C_{pi})]$$

where: p = pressure in appropriate zone. (Eq. 6-18, page 32).

$G C_{p1}$ = product of gust effect factor and external pressure coefficient, see table below. (Fig. 6-10, page 55 & 56)

$G C_{pi}$ = product of gust effect factor and internal pressure coefficient. (Fig. 6-5, Enclosed Building, page 49)

$$= 0.18 \text{ or } -0.18$$

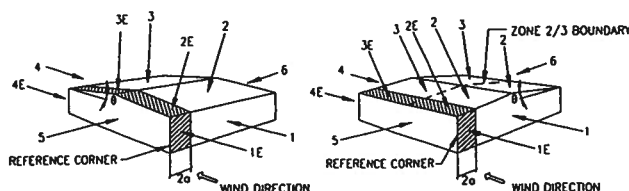
a = width of edge strips, Fig 6-0, note 9, page 56, MAX[MIN(0.1B, 0.4h), 0.04B, 3] = 3.00 ft
(IBC Fig.1609.6.2.2, footnote 5)

Net Pressures (psf), Basic Load Cases

Surface	Roof angle $\theta = 12.33$			Roof angle $\theta = 0.00$		
	$G C_{p1}$	Net Pressure with		$G C_{p1}$	Net Pressure with	
		(+GC _{p1})	(-GC _{p1})		(+GC _{p1})	(-GC _{p1})
1	0.46	6.22	14.12	0.40	4.83	12.72
2	-0.69	-19.08	-11.19	-0.69	-19.08	-11.19
3	-0.42	-13.24	-5.35	-0.37	-12.06	-4.17
4	-0.36	-11.81	-3.91	-0.29	-10.31	-2.41
1E	0.70	11.47	19.36	0.61	9.43	17.33
2E	-1.07	-27.42	-19.52	-1.07	-27.42	-19.52
3E	-0.61	-17.29	-9.39	-0.53	-15.57	-7.68
4E	-0.53	-15.63	-7.73	-0.43	-13.38	-5.48
5	-0.45	-13.82	-5.92	-0.45	-13.82	-5.92
6	-0.45	-13.82	-5.92	-0.45	-13.82	-5.92

Net Pressures (psf), Torsional Load Cases

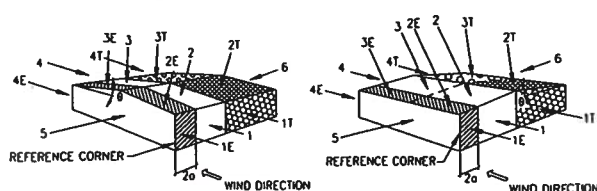
Surface	Roof angle $\theta = 12.33$		
	$G C_{p1}$	Net Pressure with	
		(+GC _{p1})	(-GC _{p1})
1T	0.46	1.55	3.53
2T	-0.69	-4.77	-2.80
3T	-0.42	-3.31	-1.34
4T	-0.36	-2.95	-0.98
Surface	Roof angle $\theta = 0.00$		
	$G C_{p1}$	Net Pressure with	
		(+GC _{p1})	(-GC _{p1})
1T	0.40	1.21	3.18
2T	-0.69	-4.77	-2.80
3T	-0.37	-3.02	-1.04
4T	-0.29	-2.58	-0.60



Transverse Direction

Longitudinal Direction

Basic Load Cases



Transverse Direction

Longitudinal Direction

Torsional Load Cases

Basic Load Cases in Transverse Direction

Surface	Area (ft ²)	Pressure (k) with	
		(+GC _{p1})	(-GC _{p1})
1	128	0.80	1.81
2	150	-2.86	-1.68
3	150	-1.98	-0.80
4	128	-1.51	-0.50
1E	48	0.55	0.93
2E	56	-1.54	-1.10
3E	56	-0.97	-0.53
4E	48	-0.75	-0.37
Σ	Horiz.	3.30	3.30
	Vert.	-7.19	-4.01
10 psf min., Sec. 6.1.4.1	Horiz.	2.20	2.20
	Vert.	-4.03	-4.03

Basic Load Cases in Longitudinal Direction

Surface	Area (ft ²)	Pressure (k) with	
		(+GC _{p1})	(-GC _{p1})
1	113	0.54	1.43
2	138	-2.64	-1.55
3	138	-1.67	-0.58
4	113	-1.16	-0.27
1E	52	0.49	0.90
2E	68	-1.85	-1.32
3E	68	-1.05	-0.52
4E	52	-0.69	-0.28
Σ	Horiz.	2.89	2.89
	Vert.	-7.05	-3.87
10 psf min., Sec. 6.1.4.1	Horiz.	1.65	1.65
	Vert.	-4.03	-4.03

Torsional Load Cases in Transverse Direction

Surface	Area (ft ²)	Pressure (k) with		Torsion (ft-k)	
		(+GC _{p1})	(-GC _{p1})	(+GC _{p1})	(-GC _{p1})
1	40	0.25	0.56	1	2
2	47	-0.89	-0.52	-1	0
3	47	-0.62	-0.25	1	0
4	40	-0.47	-0.16	2	1
1E	48	0.55	0.93	4	7
2E	56	-1.54	-1.10	-3	-2
3E	56	-0.97	-0.53	2	1
4E	48	-0.75	-0.37	6	3
1T	88	0.14	0.31	-1	-2
2T	103	-0.49	-0.29	1	0
3T	103	-0.34	-0.14	0	0
4T	88	-0.26	-0.09	-1	0
Total Horiz. Torsional Load, M _T				10	10

Torsional Load Cases in Longitudinal Direction

Surface	Area (ft ²)	Pressure (k) with		Torsion (ft-k)	
		(+GC _{p1})	(-GC _{p1})	(+GC _{p1})	(-GC _{p1})
1	30	0.15	0.39	0	1
2	71	-1.35	-0.79	2	1
3	71	-0.86	-0.30	-1	0
4	30	-0.31	-0.07	0	0
1E	52	0.49	0.90	3	5
2E	68	-1.85	-1.32	2	2
3E	68	-1.05	-0.52	-1	-1
4E	52	-0.69	-0.28	4	2
1T	82	0.10	0.26	0	-1
2T	138	-0.66	-0.39	-2	-1
3T	138	-0.42	-0.14	1	0
4T	82	-0.21	-0.05	-1	0
Total Horiz. Torsional Load, M _T				7.5	7.5

Design pressures for components and cladding

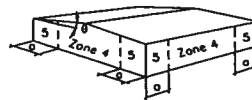
$$p = q_h [(G C_p) - (G C_{pi})]$$

where: p = pressure on component. (Eq. 6-22, pg 33)

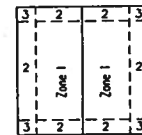
$p_{min} = 10$ psf (Sec. 6.1.4.2).

$G C_p$ = external pressure coefficient.

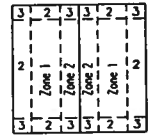
see table below. (Fig. 6-11, page 57-60)



Walls



Roof 8:7*



Roof 8:7*

	Effective Area (ft ²)	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
		GC _p	-GC _p	GC _p	-GC _p	GC _p	-GC _p	GC _p	-GC _p	GC _p	-GC _p
Comp.	50	0.36	-0.83	0.36	-1.61	0.36	-1.61	0.88	-0.98	0.88	-1.15

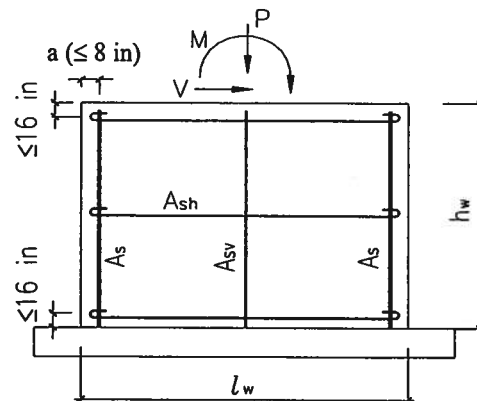
Comp. & Cladding Pressure (psf)	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative
	11.85	-22.16	11.85	-39.28	11.85	-39.28	23.18	-25.37	23.18	-29.24

Masonry Shear Wall Design Based on ACI 530-02

INPUT DATA & DESIGN SUMMARY

SPECIAL INSPECTION (0=NO, 1=YES) 0 No, (reduced fm' by 0.5)

TYPE OF MASONRY (1=CMU, 2=BRICK) 1 CMU

MASONRY STRENGTH f_m = 1.5 ksiREBAR YIELD STRESS f_y = 60 ksiSEISMIC PERFORMANCE CATEGORY 0 Wind
(C,D,E, 0=WIND, 5=GRAVITY)SERVICE AXIAL LOAD P = 6 kSERVICE SHEAR LOAD V = 3.3 kSERVICE MOMENT LOAD M = 10 ft-kTHICKNESS OF WALL t = 8 inLENGTH OF WALL l_w = 22 ftEFFECTIVE HEIGHT OF WALL h_w = 8 ftVERT. REINF. AT EACH END (A_s) 1 # 5 => DIST. FR BAR'S CENT. TO END a = 6 inWALL HORIZ. REINF. (A_{sh}) 1 # 5 @ 48 in o.c.WALL VERT. REINF. (A_{sv}) 1 # 4 @ 16 in o.c.

[THE WALL DESIGN IS ADEQUATE.]

ANALYSIS

REINF. AREA AT EACH END A_s = 0.31 in²GROSS WALL AREA A_g = 2112 in²EFFECTIVE LENGTH OF WALL d = 258 inEFFECTIVE THICKNESS OF WALL b_w = 7.63 inMASONRY ELASTICITY MODULUS E_m = 1350 ksiSTEEL ELASTICITY MODULUS E_s = 29000 ksiMODULAR RATIO n = 21.48REINFORCEMENT RATIO ρ = 0.0002ALLOWABLE STRESS FACTOR SF = 0.667REQD MIN. HORIZ. REINF. $A_{sh,min}$ = 0.050 in²/ft $S_{sh,max}$ = 48 inREQD MIN. VERT. REINF. $A_{sv,min}$ = 0.050 in²/ft $S_{sv,max}$ = 48 in

THE ALLOWABLE STRESS DUE TO FLEXURE IS

$$F_b = (SF)(0.33f'_m) = 0.330 \text{ ksi}$$

THE TOTAL AXIAL FORCE ACTING AT BOTTOM IS

$$P_T = P + (\text{wall weight}) = 21.8 \text{ kips}$$

THE NEUTRAL AXIS DEPTH FACTOR IS

$$k = \sqrt{2\rho n + (\rho n)^2} - \rho n = 0.079$$

THE ALLOWABLE REINF. STRESS DUE TO FLEXURE IS

$$F_s = (1.33_{\text{wind \& seismic only}})(24) = 32.00 \text{ ksi}$$

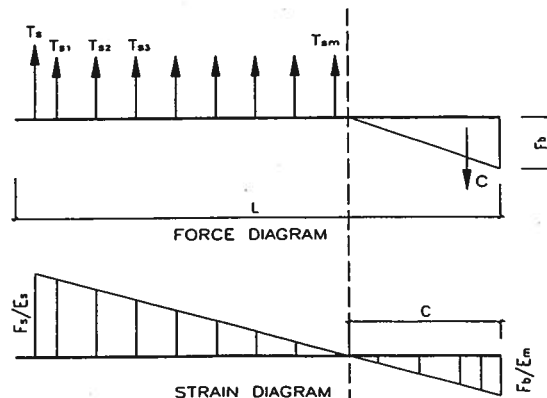
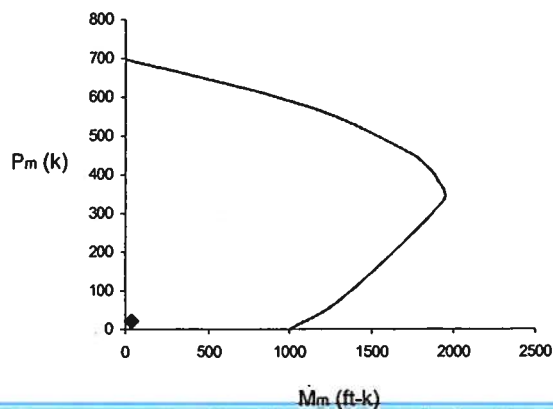
THE TOTAL MOMENT ACTING AT BOTTOM IS

$$M_T = M + Vh_w = 36.40 \text{ ft-kips}$$

THE SHEAR STRESS IN MASONRY IS

$$f_v = \frac{V}{b_w l_w} = 2 \text{ psi}$$

CHECK FLEXURAL & AXIAL CAPACITY



THE CODE SEC. 2.3.2.2.1 PERMITS COMPRESSION FORCES TO BE RESISTED BY COMPRESSION REINFORCEMENT ONLY IF THE LATERAL SUPPORT REQUIREMENTS OF CODE SEC. 2.1.6.5 ARE MET. SINCE IT IS VIRTUALLY IMPOSSIBLE TO MEET THESE PROVISIONS IN WALLS, THE CONTRIBUTION OF REINFORCING STEEL TO COMPRESSIVE FORCE MUST BE NEGLECTED.

THE MAXIMUM DESIGN AXIAL LOAD STRENGTH IS $P_m = t L_w F_b = 696.96$ kips. THE DESIGN MOMENT CAPACITY AT MAXIMUM AXIAL LOAD STRENGTH IS 0 ft-kips.

THE DESIGN AXIAL AND MOMENT CAPACITIES AT THE WALL CRACKED BUT STEEL STRESS ZERO ARE 454 kips AND 1741 ft-kips.

FOR THE BALANCED STRAIN CONDITION UNDER COMBINED FLEXURE AND AXIAL LOAD, THE MAXIMUM STRAIN IN THE MASONRY AND IN THE TENSION REINFORCEMENT MUST SIMULTANEOUSLY REACH THE VALUES AS $\epsilon_m = F_b / E_m$ AND $\epsilon_s = F_s / E_s$. THE DESIGN AXIAL AND MOMENT CAPACITIES AT THE BALANCED STRAIN CONDITION ARE 329 kips AND 1937 ft-kips.

SUMMARY OF LOAD VERSUS MOMENT CAPACITIES ARE SHOWN IN THE TABLE BELOW, AND THEY ARE PLOTTED ON THE INTERACTION DIAGRAM ABOVE.

		P_m (kips)	M_m (ft-kips)
AT AXIAL LOAD ONLY	=	697	0
AT LARGE AXIAL LOAD	=	576	1103
AT 0 % TENSION	=	454	1741
AT 25 % TENSION	=	415	1850
AT 50 % TENSION	=	383	1908
AT BALANCED STRAIN CONDITION	=	329	1937
AT SMALL AXIAL LOAD	=	82	1328
AT FLEXURE ONLY	=	0	1005

THE DESIGN FORCES P & M ARE ALSO PLOTTED ON THE INTERACTION DIAGRAM. FROM THE INTERACTION DIAGRAM, THE ALLOWABLE MOMENT AT AN AXIAL LOAD P IS

$$M_m = 1141 \text{ ft-kips.} > M \quad [\text{Satisfactory}]$$

CHECK SHEAR CAPACITY

THE ALLOWABLE SHEAR STRESS IS GIVEN BY

$$F_{v, \text{ without reinf}} = \begin{cases} (SF) \text{ MIN} \left[\frac{1}{3} \left(4 - \frac{M_r}{V_d} \right) \sqrt{f'_m}, \left(80 - \frac{45 M_r}{V_d} \right) \right], & \text{for } \frac{M_r}{V_d} < 1.0 \\ (SF) \text{ MIN} (\sqrt{f'_m}, 35), & \text{for } \frac{M_r}{V_d} \geq 1.0 \end{cases}$$

$$= 30.01 \text{ psi} > f_v \quad [\text{Satisfactory}]$$

$$F_{v, \max.} = \begin{cases} (SF) \text{ MIN} \left[\frac{1}{2} \left(4 - \frac{M_T}{Vd} \right) \sqrt{f'_m} , \left(120 - \frac{45M_T}{Vd} \right) \right] , & \text{for } \frac{M_T}{Vd} < 1.0 \\ (SF) \text{ MIN} (1.5 \sqrt{f'_m} , 75) , & \text{for } \frac{M_T}{Vd} \geq 1.0 \end{cases}$$

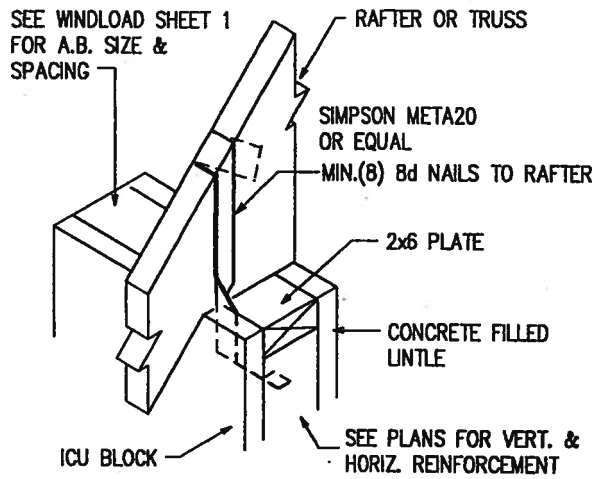
$$= 45.02 \text{ psi} > f_v \quad [\text{Satisfactory}]$$

CHECK THE MINIMUM AREA OF SHEAR REINFORCEMENT REQUIRED :

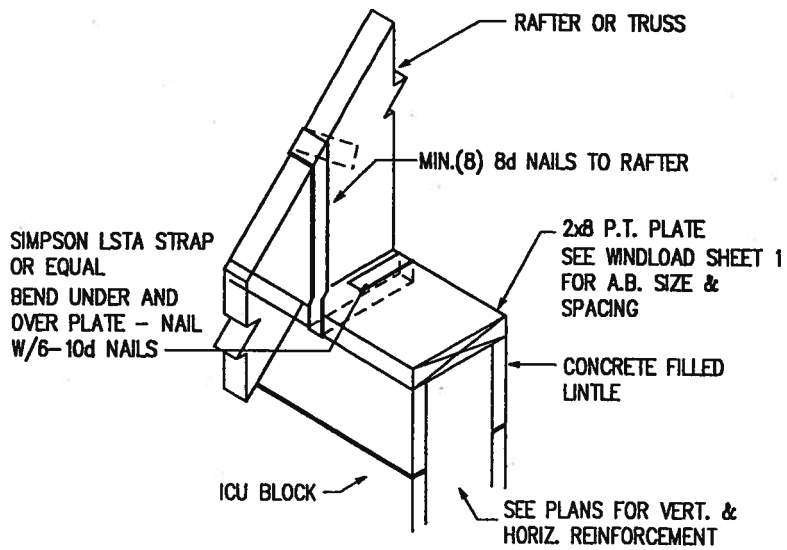
$$\frac{V}{F_s d} = 0.00 \text{ in}^2 / \text{ft} < \frac{A_v}{s} = 0.08 \text{ in}^2 / \text{ft} \quad (\text{No shear reinf. reqd.})$$

Technical References:

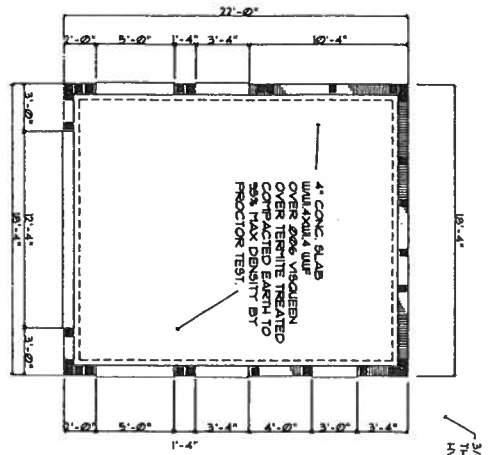
1. "Masonry Designers' Guide, Third Edition" (MDG-3), The Masonry Society, 2001.
2. Alan Williams: "Structural Engineering Reference Manual", Professional Publications, Inc, 2001.



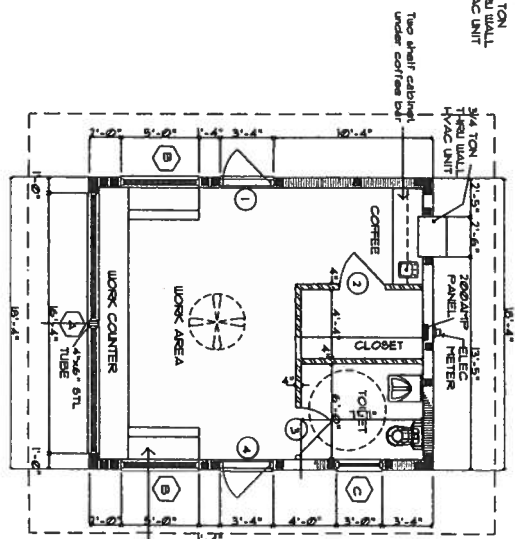
TIE-DOWN DETAIL



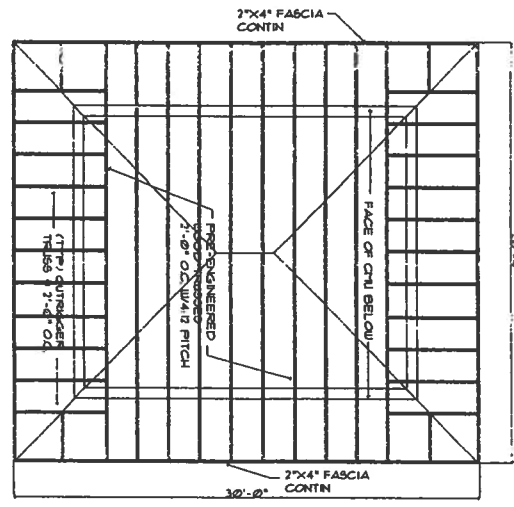
TIE-DOWN DETAIL



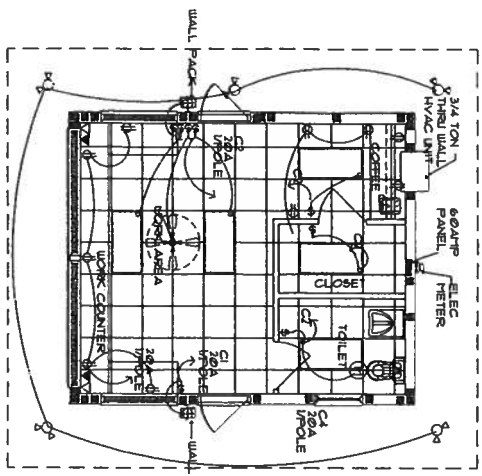
FOUNDATION PLAN
SC 1/4" = 1'-0"



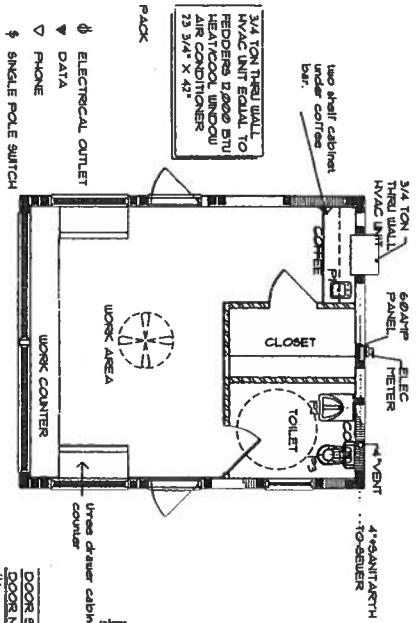
FLOOR PLAN
SC 1/4" = 1'-0"



ROOF FRAMING
SC 1/4" = 1'-0"



ELECTRICAL PLAN
SC 1/4" = 1'-0"



PLUMBING PLAN
SC 1/4" = 1'-0"

PLUMBING RISER
SC 1/4" = 1'-0"

ELECTRICAL RISER
SC 1/4" = 1'-0"

DOOR NO.	SIZE	DESCRIPTION
(1)	1 3/4 X 3 - 0' X 1 - 0'	HOLLOW METAL FLUSH
(2)	1 3/4 X 3 - 0' X 1 - 0'	SOLID CORE FLUSH WOOD
(3)	1 3/4 X 3 - 0' X 1 - 0'	SOLID CORE FLUSH WOOD
(4)	1 3/4 X 3 - 0' X 1 - 0'	HOLLOW METAL FLUSH

WINDOW NO.	SIZE	DESCRIPTION
(1)	4' X 6' - 0" X 4' - 0"	INSULATED FIXED GL. SET IN ALUM. FRAME
(2)	4' X 6' - 0" X 4' - 0"	INSULATED FIXED GL. SET IN ALUM. FRAME
(3)	4' X 6' - 0" X 4' - 0"	ALUM. SINGLE HUNG INSULATED GL.

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 567

Florida Certificate of Product Approval # FL1999

Page 1 of 1 Document ID:1T1K857-Z0219154941

Truss Fabricator: Seminole Trusses, Inc.
Job Identification: B30426-SOUTHLAND CONTRACTING - -- 3 BLDG.
Truss Count: 9
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.24, 7.25.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 37.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 120 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR857

Details: -

#	Ref	Description	Drawing#	Date
1	66022--A1		06291008	10/18/06
2	66023--A2		06291002	10/18/06
3	66024--A3		06291003	10/18/06
4	66025--A4		06291009	10/18/06
5	66026--HJ8		06291007	10/18/06
6	66027--EJ8		06291004	10/18/06
7	66028--CJ6		06291006	10/18/06
8	66029--CJ4		06291005	10/18/06
9	66030--CJ2		06291001	10/18/06

Seal Date: 10/19/2006

-Truss Design Engineer-
Arthur R. Fisher

Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: 1T1K857-Z0219154941

Truss Fabricator: Seminole Trusses, Inc.
Job Identification: B30426-SOUTHLAND CONTRACTING - -- 3 BLDG.
Truss Count: 3
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.24, 7.25.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 37.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 120 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR857

Seal Date: 10/19/2006

-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	66025--A4		06291009	10/18/06
2	66027--EJ8		06291004	10/18/06
3	66028--CJ6		06291006	10/18/06

ALPINE



(B30426-SOUTHLAND CONTRACTING - 3 BLDG. - A1)

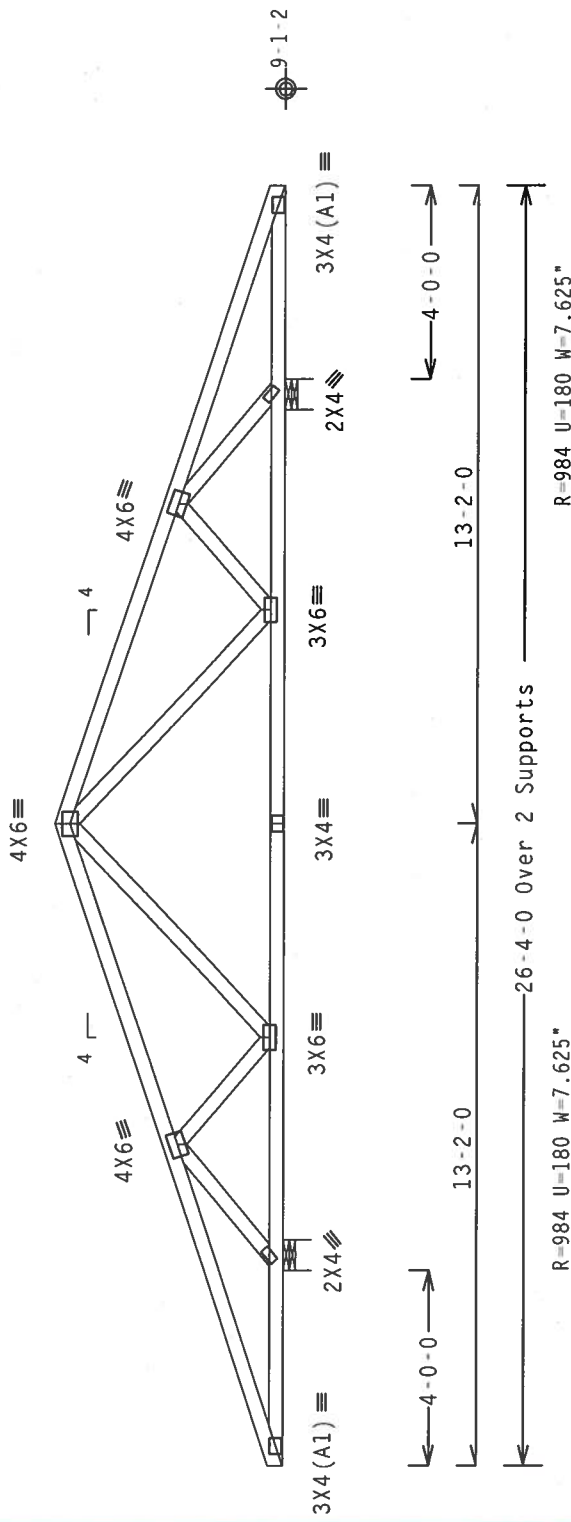
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

120 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.2 psf.

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.50 sq.in./piece.



PLT TYP. Wave\|

Design Crit: TPI-2002(STD)/FBC

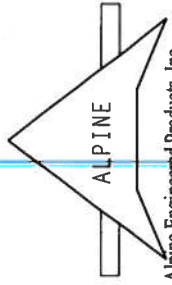
Cq/RT=1.00(1.25)/10(0)

7.24.12

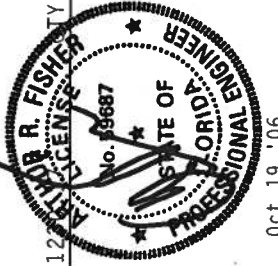
Scale =.25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND NCTA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/S/K) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS OR THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

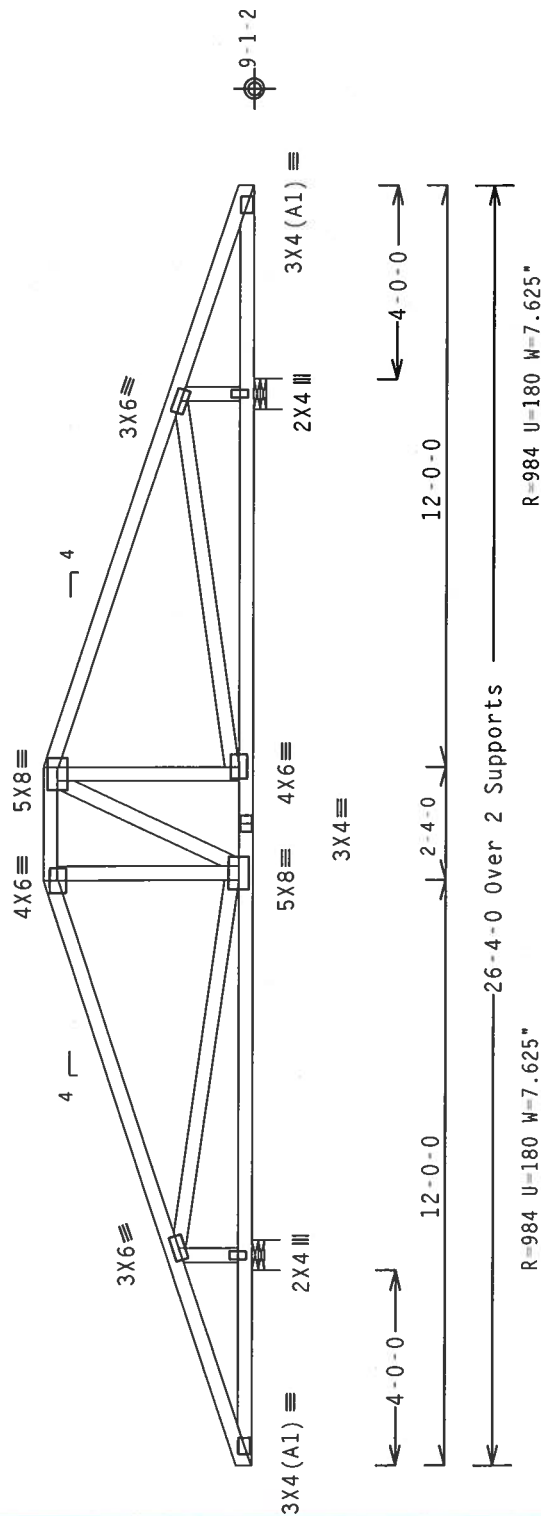
REF	R857 - - 66022
DATE	10/18/06
DRW	HCUSR857 06291008
HC-ENG	SSB/AF
SEQN	58896
FROM	RC
JREF	1T1K857_Z02

120 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.2 psf.

Deflection meets L/360 live and L/240 total load.

Wind reactions based on MWFRS pressures.

Plates sized for a minimum of 3.50 sq.in./piece.

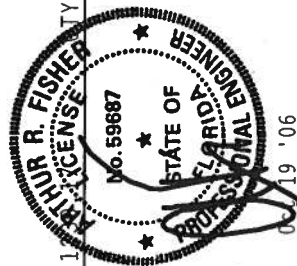


PLT TYP. Wave\R

Design Crit: $\text{TPI} - 2002(\text{STD}) / \text{FBC}$
 $\text{Ca}/\text{RT} = 1.00(1.25)$

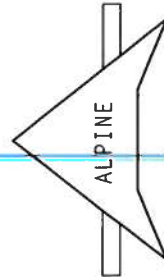
Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R857 - -	66023
TC DL	7.0 PSF	DATE	10/18/06	
BC DL	10.0 PSF	DRW	HCUSR857 06291002	
BC LL	0.0 PSF	HC-ENG	SSB/AF	
TOT.LD.	37.0 PSF	SEQN-	58892	
DUR.FAC.	1.25	FROM	RC	
SPACING	24.0"	JREF-	1T1K857 Z02	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DRISIO RD., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL WALLS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED ROOF CEILING JOISTS.

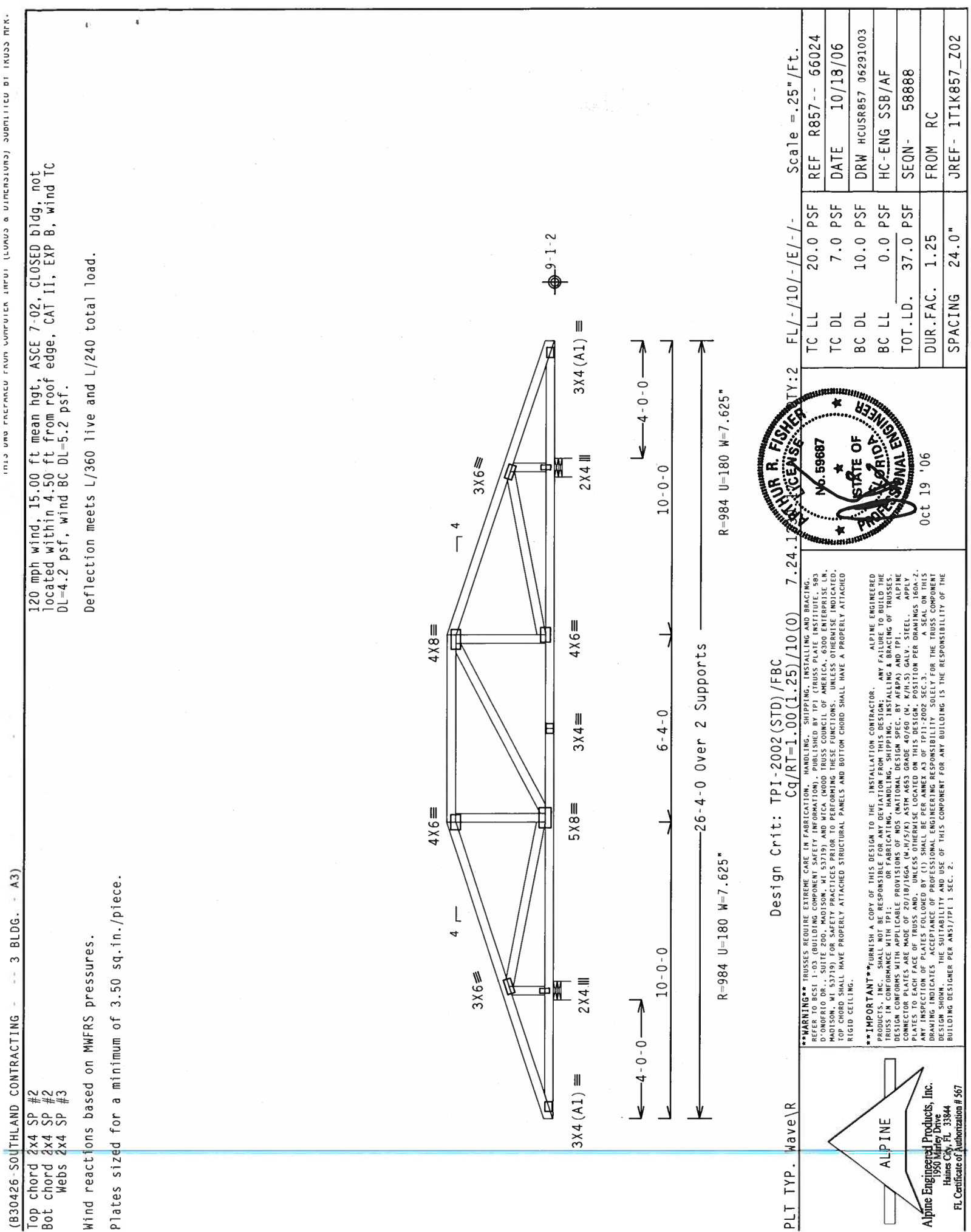
IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALDINE ENGINEERS
STRUCTURES, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES,
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND THE ALPINE
TRUSS MANUFACTURING COMPANY'S (ALPINE TRUSS CO.) TRUSS MANUFACTURING SPECIFICATIONS. ALL TRUSS
PLATES TO EACH FACE OF FOLLOWS BY (1) UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z,
ANY INSPECTION OF PLATES FOLLOWED BY (2) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
BUILDING. DESIGNER PER ANNEX11 SEC.2. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANNEX11 SEC.2.



Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # S67



(B30426-SOUTHLAND CONTRACTING - 3 BLDG. - A3)

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.
Plates sized for a minimum of 3.50 sq.in./piece.

120 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.2 psf.

Deflection meets L/360 live and L/240 total load.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7-24.1

PLT TYP. Wave\R

Scale = .25"/Ft.

REF R857-- 66024

DATE 10/18/06

DRW HCUSR857 06291003

HC-ENG SSB/AF

SEQN- 58888

FROM RC

JREF- 1T1K857_Z02

TC LL 20.0 PSF

TC DL 7.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 37.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

Oct 19 '06

Professional Engineer

State of Florida

No. 59687

Professional Engineer

Alpine Engineering Products, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 567

++ Negative reaction(s) of -274# MAX. (See below) from a non-wind load case requires uplift connection.

120 mph wind, 15.00 ft mean hot, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.2 psf.

Sub-fascia beam assumptions: 7-11-8 sub-fascia beam on the 3-11-8 cantilever side. 7-11-8 sub-fascia beam on the 3-11-8 cantilever side.

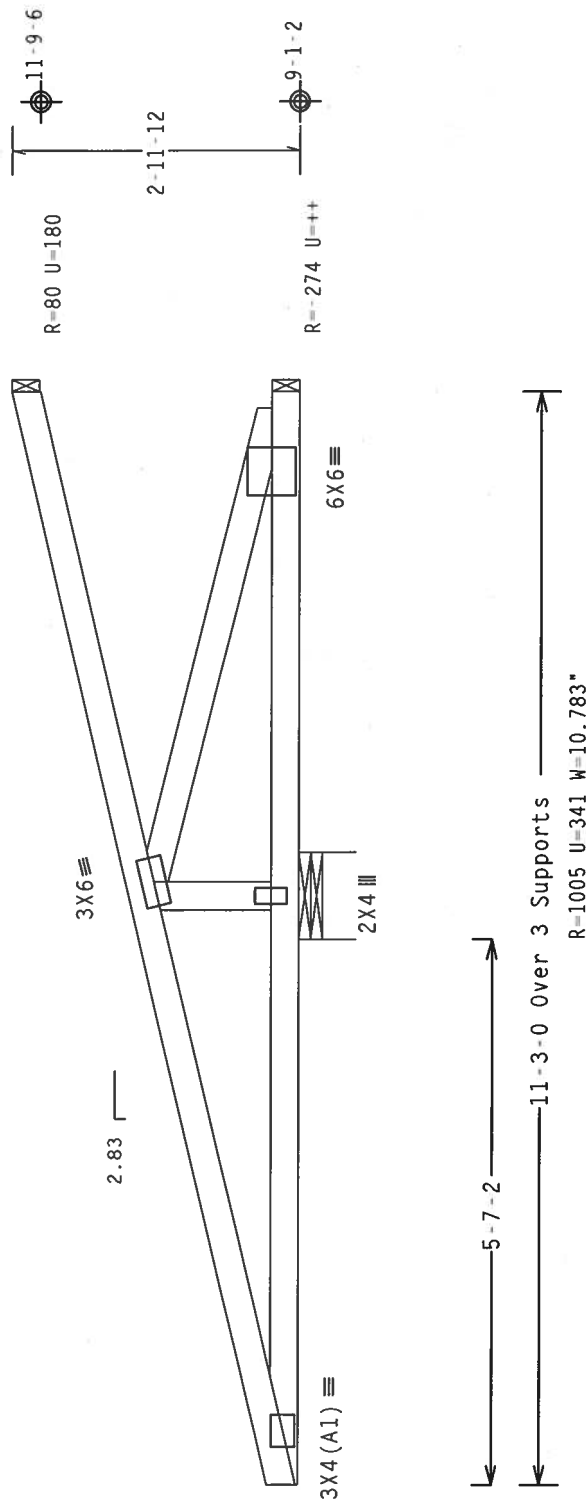
Deflection meets L/360 live and L/240 total load. Plates sized for a minimum of 3.50 sq.in./piece.

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

The following members need concentrated loads at the heel: 7-11-8 span/setback member on the 3-11-8 cant side requires 139 lbs and the 7-11-8 span/setback member on the 3-11-8 cant side requires 139 lbs.

Hipjack supports 7-11-8 setback jacks with 3-11-8 cantilever one face; 3-11-8 cantilever opposite face.



PLT TYP. Wave\ R

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$ $Cq/RT = 1.00(1.25)/10(0) \quad 7.24.$

TY: 4

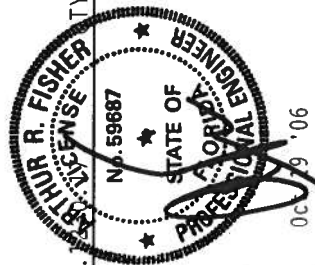
Scale = 5"/Ft.

WARNING: THESE THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1103 (BUILDING COMPONENT SAFETY, APPLICATIONS AND INSTALLATION), BESI 1104 (WOOD TRUSS COUNCIL OF AMERICA, 6500 INTERSTATE, 583 MADISON, VT 55719), FIBERGLASS PRACTICES FOR TO PENALTY THESE CONDITIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS REGARDING MANUFACTURING, SHIPPING, OR BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 2018/T6ALGA H/W/STAY ASTM A653 GRADE 49-50 IN K/J/H/S ONLY STEEL PLATES TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP11-2002 SEC.3 - SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANXI/TP11 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # S67

Haines City, FL 33844
FL Certificate of Authorization # 567

(B30426-SOUTHLAND CONTRACTING - 3 BLDG. - EJ8)

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 55 PLF at 0.00 to 55 PLF at 8.00
BC - From 20 PLF at 0.00 to 20 PLF at 8.00
BC - *140 LB Conc. Load at 0.00

* CONCENTRATED LOAD FROM STRUCTURAL FASCIA BEAM.
BEAM TO BE DESIGNED AND FURNISHED BY OTHERS.

++ Negative reaction(s) of -277# MAX. (See below) from a non-wind load case requires uplift connection.

120 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.2 psf.

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.50 sq.in./piece.

4'-0"

8'-0"-0 Over 3 Supports

8'-0"-0

R=61 U=180

R=-277 U=++

Scale = 1/4" = 1'-0"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0

PLT TYP. Wave\R

Scale = 1/4" = 1'-0"

ALPINE

Alpine Engineered Products, Inc.
1950 Wiley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 943 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/38/16GA (N/A/5/A) ASTM A653 GRADE 40/60 (N/A/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF 10/11/2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE DESIGNER'S ACCEPTANCE OF THE DESIGN. THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN, SHOWING THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Oct 19 '06

SEAL OF STATE OF FLORIDA
No. 59887
PROFESSIONAL ENGINEER
ARTHUR R. FISHER
LICENSE

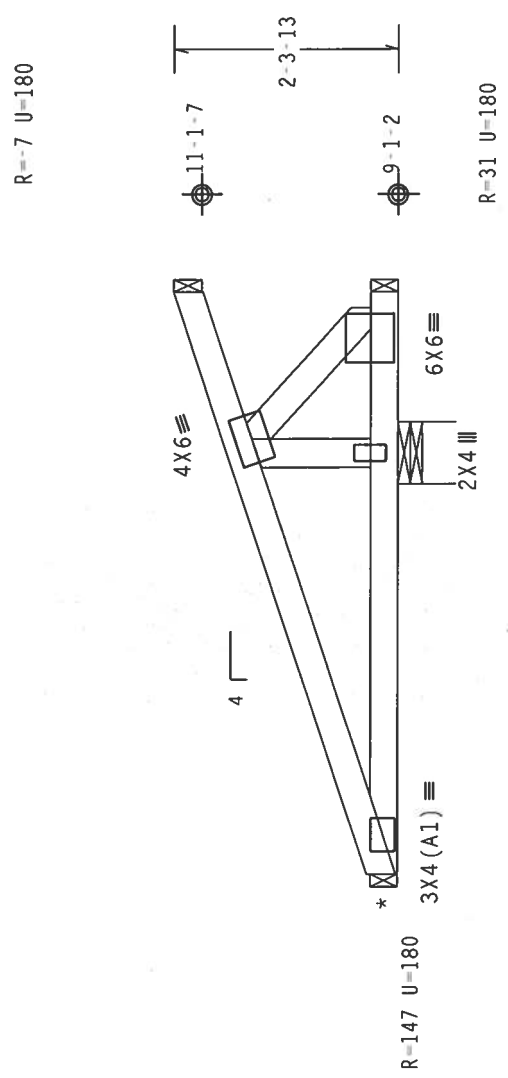
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TC DL	7.0 PSF	REF	R857--	66027
BC DL	10.0 PSF	DATE	10/18/06	
BC LL	0.0 PSF	DRW	HCUSR857	06291004
TOT.LD.	37.0 PSF	HC-ENG	SSB/AF	
DUR.FAC.	1.25	SEQN-	73115	REV
SPACING	SEE ABOVE	FROM	RC	
		JREF-	1TK857_Z02	

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Deflection meets L/360 live and L/240 total load.

Shim all supports to solid bearing.

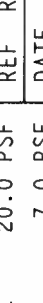
* STRUCTURAL FASCIA BEAM TO BE DESIGNED AND FURNISHED BY OTHERS.



5-11-11 Over 4 Supports $\overline{\quad}$
 $R=276 \quad U=180 \quad W=7.625''$

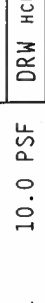
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/

Scale = .5"/Ft.

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	TC DL	7.0 PSF	DATE 10/18/06
	BC DL	10.0 PSF	DRW HCUR857 06291006
	BC LL	0.0 PSF	HC-ENG SSB/AF
	TOT.LD.	37.0 PSF	SEQN- 73110 REV
	DUR.FAC.	1.25	FROM RC
SPACING		24.0"	JREF- 1T1K857_Z02

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 O'DONOHIO DR., SUITE 200, MADISON, MI 53715) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** *TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H5/K) ASTM A653 GRADE 40/60 (W, K/H-5) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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 1950 Highway D
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 FL Certificate of Authorization # 567

(B30426-SOUTHLAND CONTRACTING - 3 BLDG. - C34)

Top chord 2x4 SP #2
Bot chord 2x4 SP #2

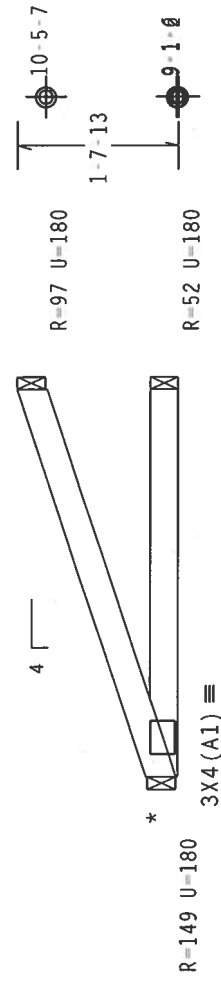
Wind reactions based on MWFRS pressures.

Plates sized for a minimum of 3.50 sq.in./piece.

* STRUCTURAL FASCIA BEAM TO BE DESIGNED AND FURNISHED BY OTHERS.

120 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.2 psf.

Deflection meets L/360 live and L/240 total load.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

Cq/RT=1.00(1.25)/10(0)

7.24.12

Scale = .5"/Ft.

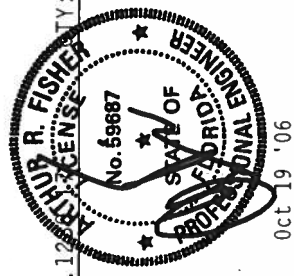
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC01 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 6300 ENTERPRISE LN, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL OR MARKING SHALL BE MADE ON EACH PLATE TO IDENTIFY THE MANUFACTURER OF THE TRUSS COMPONENT. THE DESIGN SHOWN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER RESPONSIBILITY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANS/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R857 --	66029
TC DL	7.0 PSF	DATE	10/18/06	
BC DL	10.0 PSF	DRW	HCUSR857	06291005
BC LL	0.0 PSF	HC-ENG	SSB/AF	*
TOT.LD.	37.0 PSF	SEON-	58870	
DUR.FAC.	1.25	FROM	RC	
SPACING	24.0"	JREF-	1T1K857_Z02	

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



(B30426-SOUTHLAND CONTRACTING - 3 BLDG. - C02)

Top chord 2x4 SP #2
Bot chord 2x4 SP #2

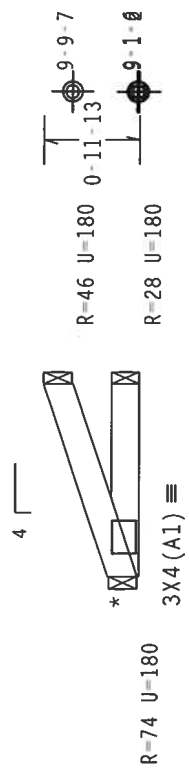
Wind reactions based on MMFRS pressures.

Plates sized for a minimum of 3.50 sq.in./piece.

* STRUCTURAL FASCIA BEAM TO BE DESIGNED AND FURNISHED BY OTHERS.

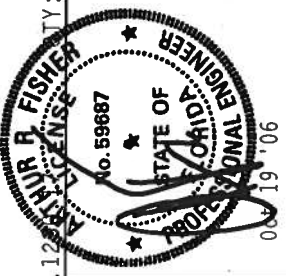
120 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.2 psf.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY), BC52 1-03 (BUILDING COMPONENT SAFETY), BC53 1-03 (BUILDING COMPONENT SAFETY), BC54 1-03 (BUILDING COMPONENT SAFETY), BC55 1-03 (BUILDING COMPONENT SAFETY), BC56 1-03 (BUILDING COMPONENT SAFETY), BC57 1-03 (BUILDING COMPONENT SAFETY), BC58 1-03 (BUILDING COMPONENT SAFETY), BC59 1-03 (BUILDING COMPONENT SAFETY), BC60 1-03 (BUILDING COMPONENT SAFETY), BC61 1-03 (BUILDING COMPONENT SAFETY), BC62 1-03 (BUILDING COMPONENT SAFETY), BC63 1-03 (BUILDING COMPONENT SAFETY), BC64 1-03 (BUILDING COMPONENT SAFETY), BC65 1-03 (BUILDING COMPONENT SAFETY), BC66 1-03 (BUILDING COMPONENT SAFETY), BC67 1-03 (BUILDING COMPONENT SAFETY), BC68 1-03 (BUILDING COMPONENT SAFETY), BC69 1-03 (BUILDING COMPONENT SAFETY), BC70 1-03 (BUILDING COMPONENT SAFETY), BC71 1-03 (BUILDING COMPONENT SAFETY), BC72 1-03 (BUILDING COMPONENT SAFETY), BC73 1-03 (BUILDING COMPONENT SAFETY), BC74 1-03 (BUILDING COMPONENT SAFETY), BC75 1-03 (BUILDING COMPONENT SAFETY), BC76 1-03 (BUILDING COMPONENT SAFETY), BC77 1-03 (BUILDING COMPONENT SAFETY), BC78 1-03 (BUILDING COMPONENT SAFETY), BC79 1-03 (BUILDING COMPONENT SAFETY), BC80 1-03 (BUILDING COMPONENT SAFETY), BC81 1-03 (BUILDING COMPONENT SAFETY), BC82 1-03 (BUILDING COMPONENT SAFETY), BC83 1-03 (BUILDING COMPONENT SAFETY), BC84 1-03 (BUILDING COMPONENT SAFETY), BC85 1-03 (BUILDING COMPONENT SAFETY), BC86 1-03 (BUILDING COMPONENT SAFETY), BC87 1-03 (BUILDING COMPONENT SAFETY), BC88 1-03 (BUILDING COMPONENT SAFETY), BC89 1-03 (BUILDING COMPONENT SAFETY), BC90 1-03 (BUILDING COMPONENT SAFETY), BC91 1-03 (BUILDING COMPONENT SAFETY), BC92 1-03 (BUILDING COMPONENT SAFETY), BC93 1-03 (BUILDING COMPONENT SAFETY), BC94 1-03 (BUILDING COMPONENT SAFETY), BC95 1-03 (BUILDING COMPONENT SAFETY), BC96 1-03 (BUILDING COMPONENT SAFETY), BC97 1-03 (BUILDING COMPONENT SAFETY), BC98 1-03 (BUILDING COMPONENT SAFETY), BC99 1-03 (BUILDING COMPONENT SAFETY), BC100 1-03 (BUILDING COMPONENT SAFETY).

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M. K/M-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

TC LL	20.0 PSF	FL/-/10/-/E/-/	Scale = .5" / Ft.
TC DL	7.0 PSF		REF R857-- 66030
BC DL	10.0 PSF		DATE 10/18/06
BC LL	0.0 PSF		DRW HCUSR857 06291001
TOT.LD.	37.0 PSF		HC-ENG SSB/AF *
DUR.FAC.	1.25		SEQN- 58875
SPACING	24.0"		FROM RC
			JREF- 1TK857_Z02

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

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

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

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

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

#25611

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB108476 Company Phone No. 386-755-3611 • 362-424-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Matt Boer Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 10475 N.W. 44th
White Springs, FL 32096
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 0 Inside 0 Type of Fill mix

Section 4: Treatment Information

Date(s) of Treatment(s) 3-24-07
Brand Name of Product(s) Used Zymox T-2
EPA Registration No. 53445-92
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 400 Linear ft. 0 Linear ft. of Masonry Voids 0
Approximate Total Gallons of Solution Applied 40
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List) _____

Comments Treat more slab

Name of Applicator(s) Steve Bronner Certification No. (if required by State law) _____

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

Authorized Signature _____

Date 3-28-07

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

Form NPCA-99-B may still be used

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

ALLSOUTH ENGINEERING, LLC



March 29, 2007

Columbus County Planning and Building
135 NE Hernando Ave.
Suite B-21
Lake City Fl 32056

Department of Agriculture Inspection Station
White Springs, Fl
Permit # 000025611

Att: Randy

Dear Sir

I am submitting revised sheet A2.0 for your files. As you can see the foundation is 18" deep and 12" wide.

If you have any questions please call me at 850-562-8278

Sincerely

David Batts P.E.

ALLSOUTH ENGINEERING, LLC



May 10, 2007

Building and Zoning Department
135 NE Hernando Ave. Suite B-21
Lake City, Florida 32055

Ref: Department of Agriculture Inspection Station
10875 HWY 41, White Springs, Florida
Permit # 000025611

Attn: Building Inspector

Dear Sir

This letter is in reference to our phone conversation several weeks ago concerning taking responsibly for structural inspections.

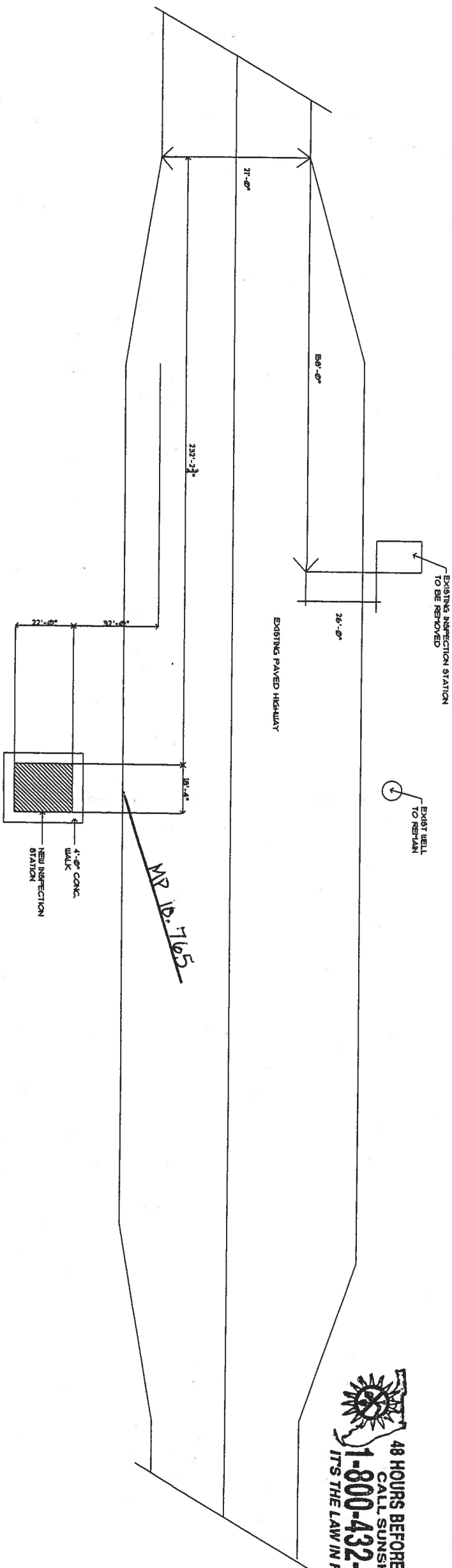
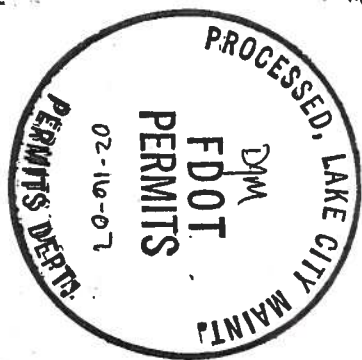
I am assuming the installation responsibly for the slab, sheathing/nailing, framing and perimeter lintel beam. I was present during the construction of these phases and supervised the installation to comply with the approved documents and the 2004 Florida Building Code.

Thank you so much for your cooperation in this matter that allowed us to continuing with the construction without scheduled inspections. We look forward working with you during the continuing inspections from you office.

If you have any question please call me at 1-850-562-8278 ext. 6.

Sincerely

David Batts P.E



SITE PLAN

1"=10'-0"

NOT VALID UNLESS
CERTIFIED

DAVID L. BATTS
CIVIL & STRUCTURAL
ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 281-3082

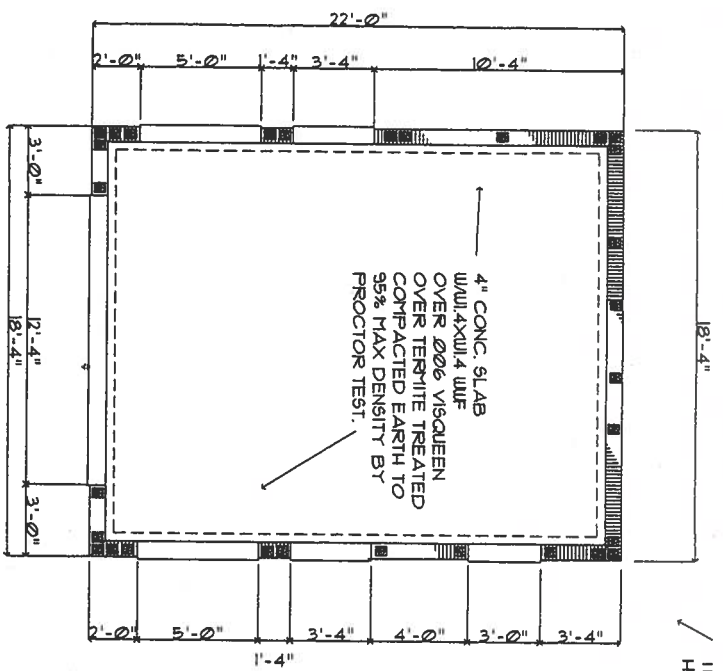


BATTS ENGINEERING CO.
CONSULTING ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 281-3082

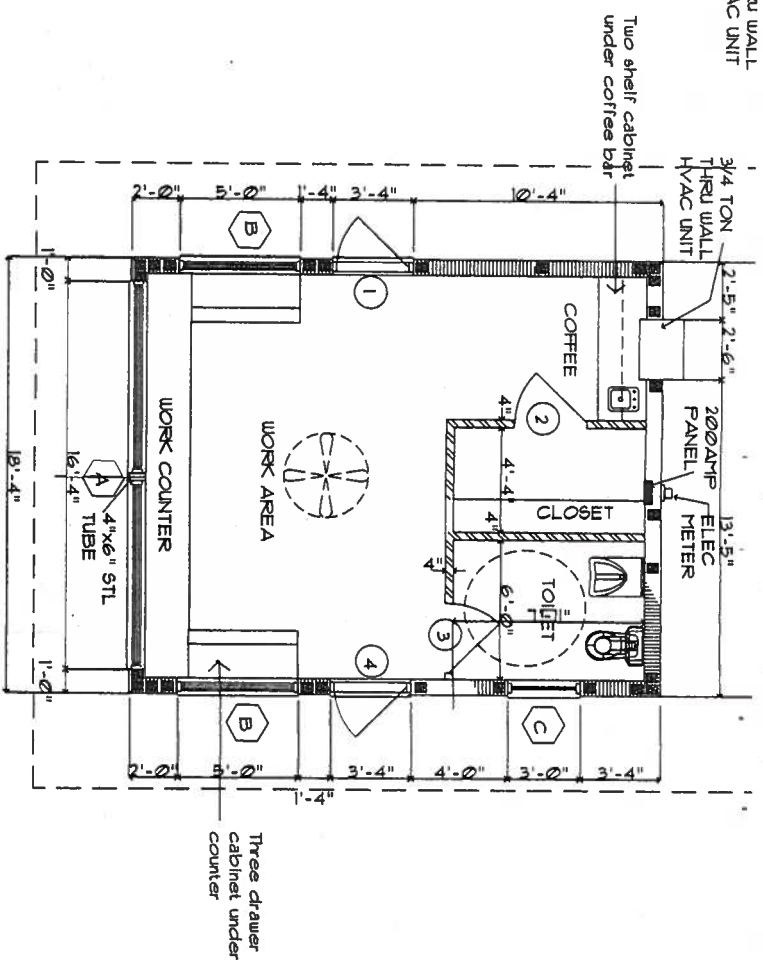
TITLE: **SITE PLAN- WHITE SPRINGS**

PROJECT: **AGRICULTURE INSPECTION STATIONS**

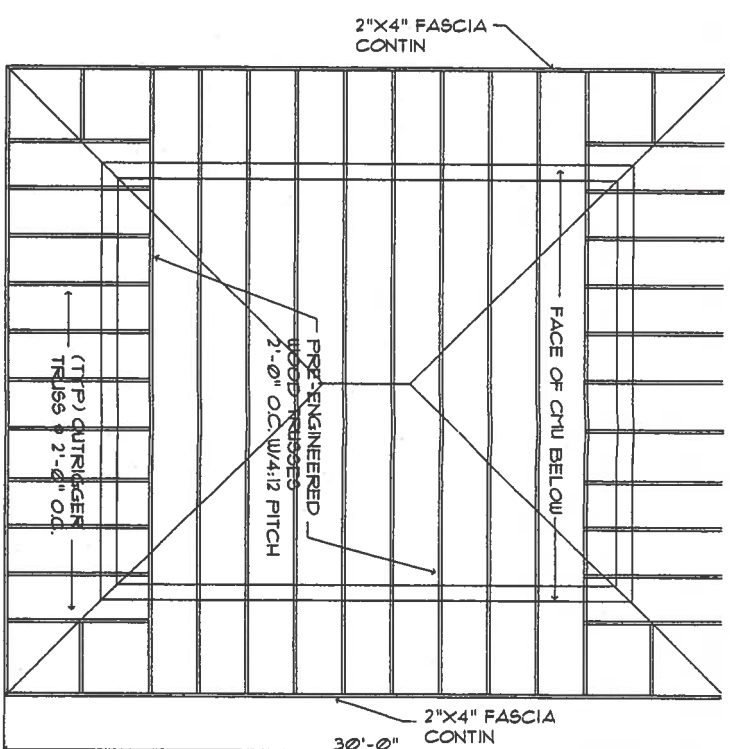
DATE:
DESIGN BY: DLB
DRAIN BY: MHA
REVISED:
JOB NUMBER:
SHEET NUMBER
C10



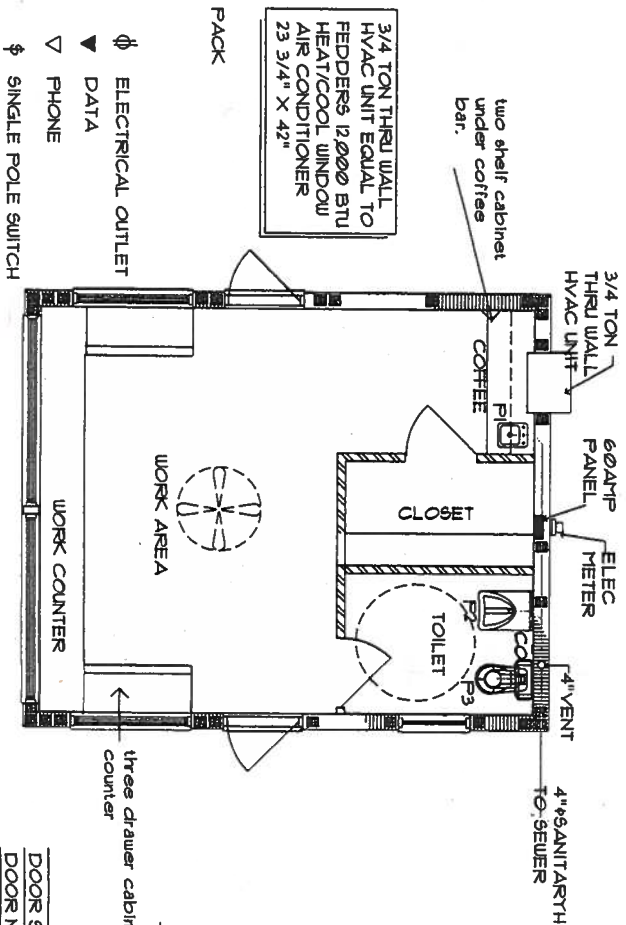
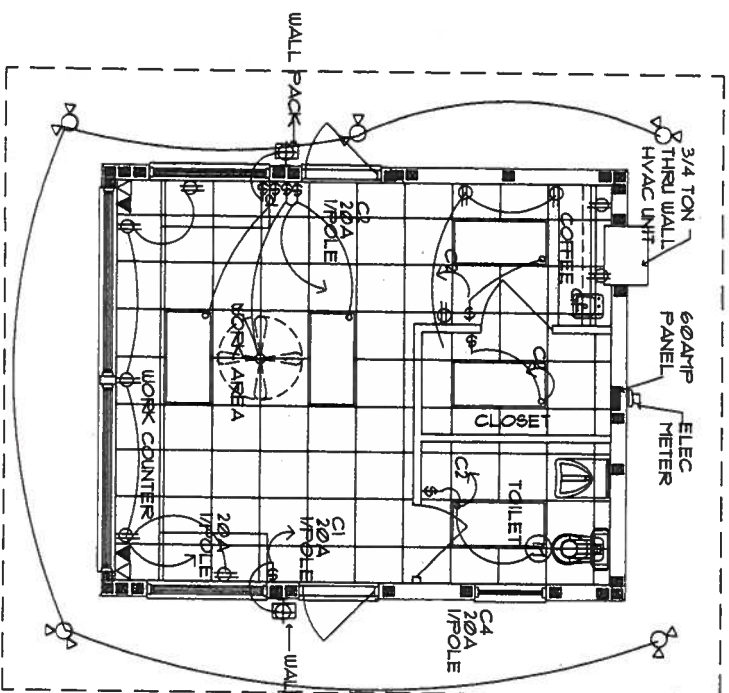
FOUNDATION PLAN
SC 1/4" = 1'-0"



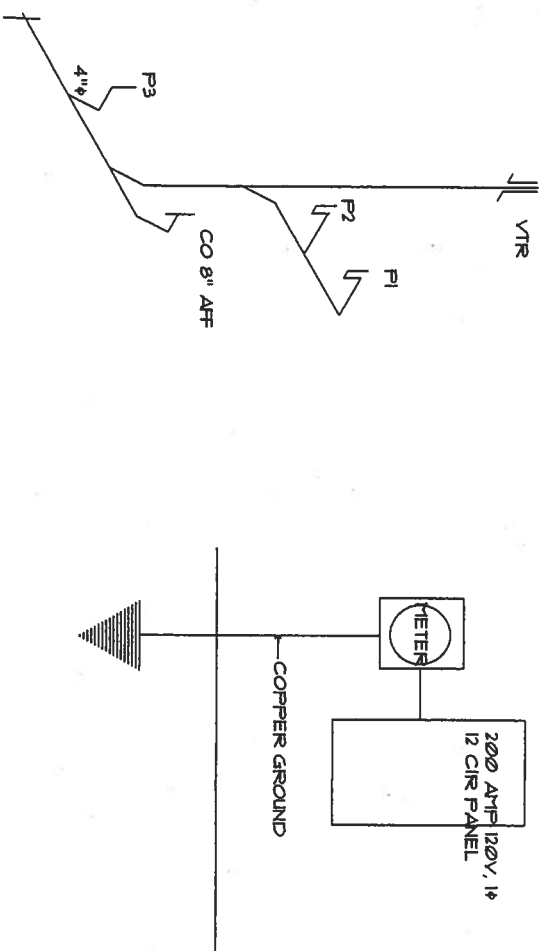
FLOOR PLAN
SC 1/4" = 1'-0"



ROOF FRAMING
SC 1/4" = 1'-0"



PLUMBING RESER



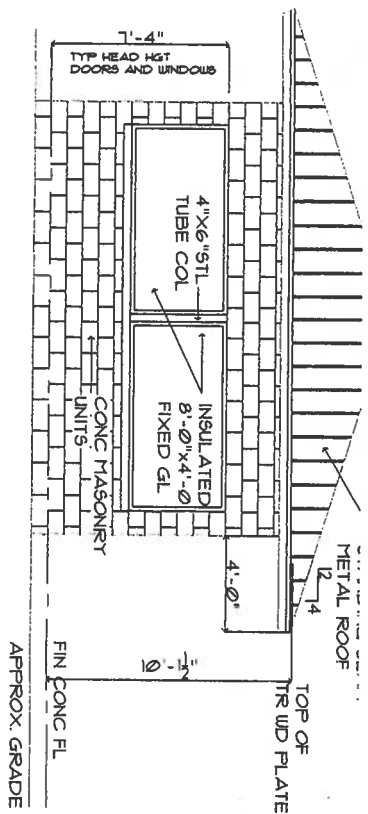
ELECTRICAL RISE
8C 1/4" = 1'-0"

ELECTRICAL PLAN

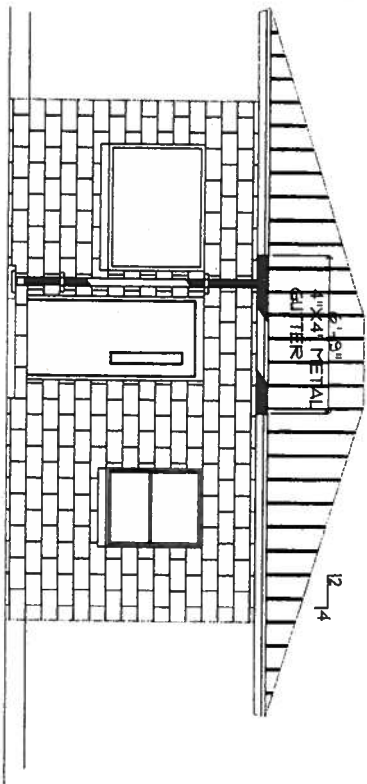
PLUMBING PLAN

DOOR SCHEDULE	
DOOR NO.	DESCRIPTION
(1)	1 3/4"x3"- ϕ "x1"- ϕ " HOLLOW METAL FLUSH
(2)	1 3/4"x3"- ϕ "x1"- ϕ " SOLID CORE, FLUSH WOOD
(3)	1 3/4"x3"- ϕ "x1"- ϕ " SOLID CORE, FLUSH WOOD
(4)	1 3/4"x3"- ϕ "x1"- ϕ " HOLLOW METAL FLUSH

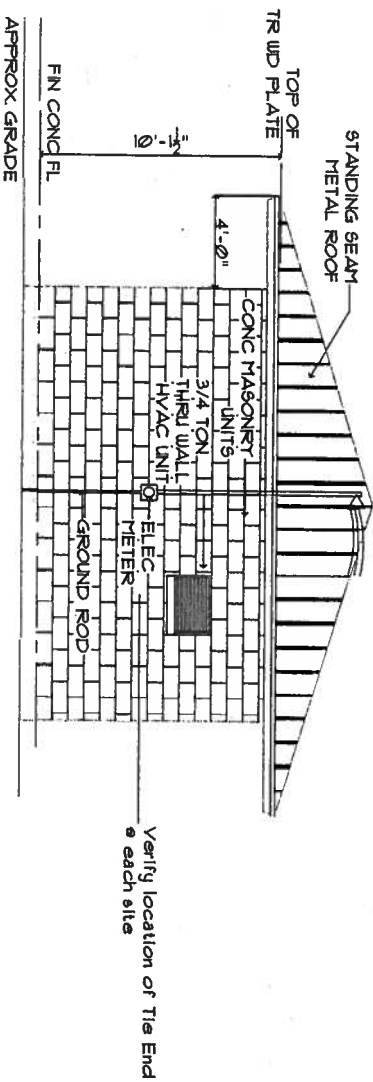
WINDOW SCHEDULE	
WINDOW MARK	DESCRIPTION
(A)	4"X6'-0"X4'-0"
(B)	4"X5'-0"X4'-0"
(C)	1 3/4"X3'-0"X4'-0"



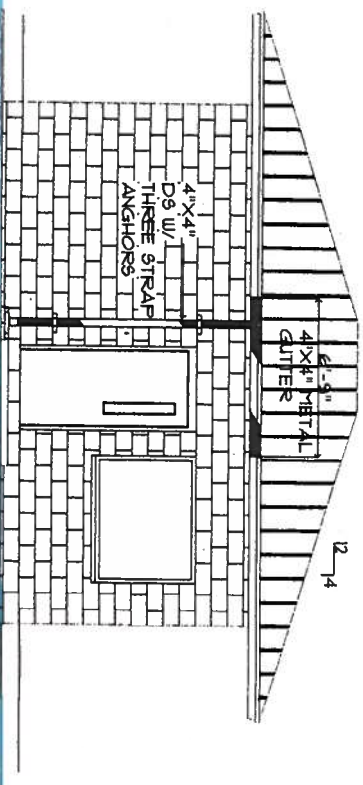
FRONT ELEVATION
SC 1/4" = 1'-0"



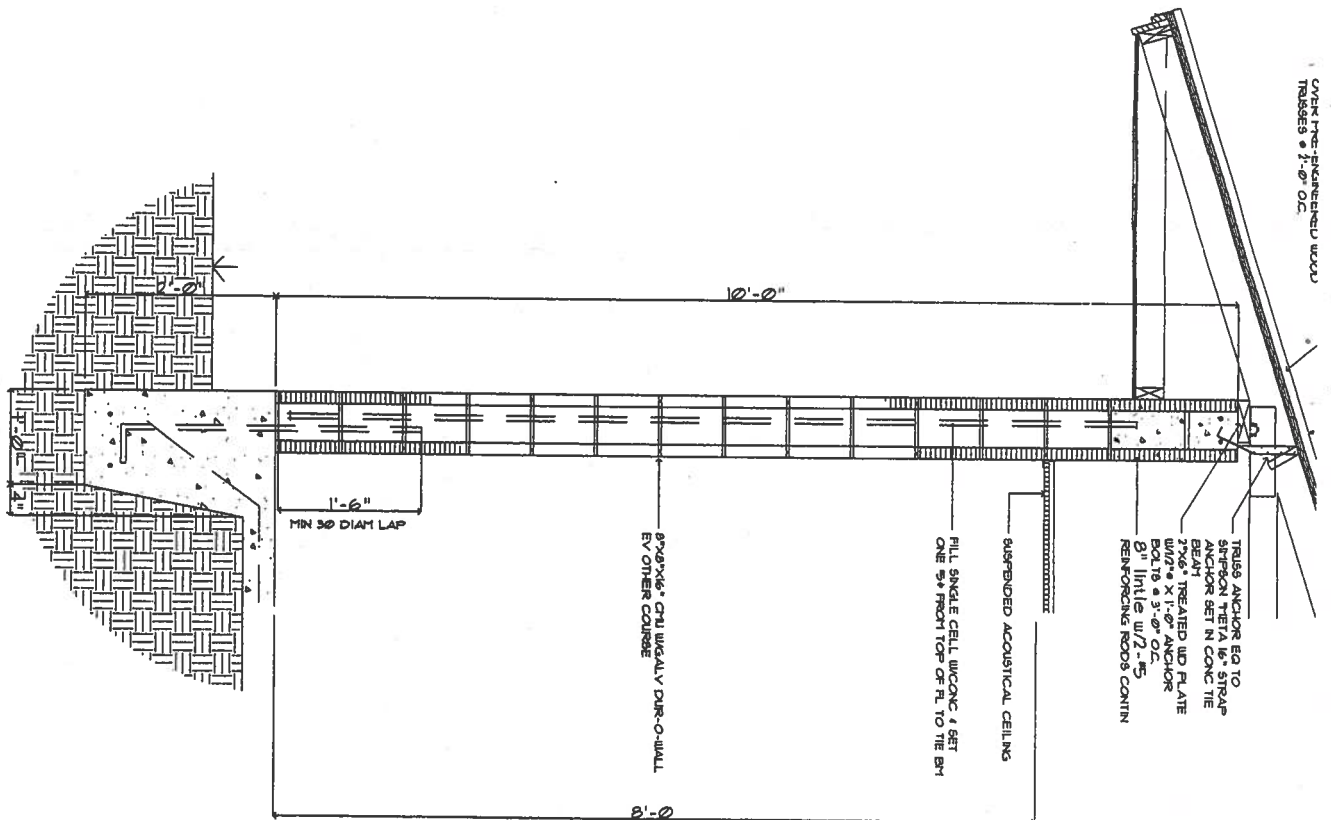
RIGHT SIDE ELEVATION
SC 1/4" = 1'-0"



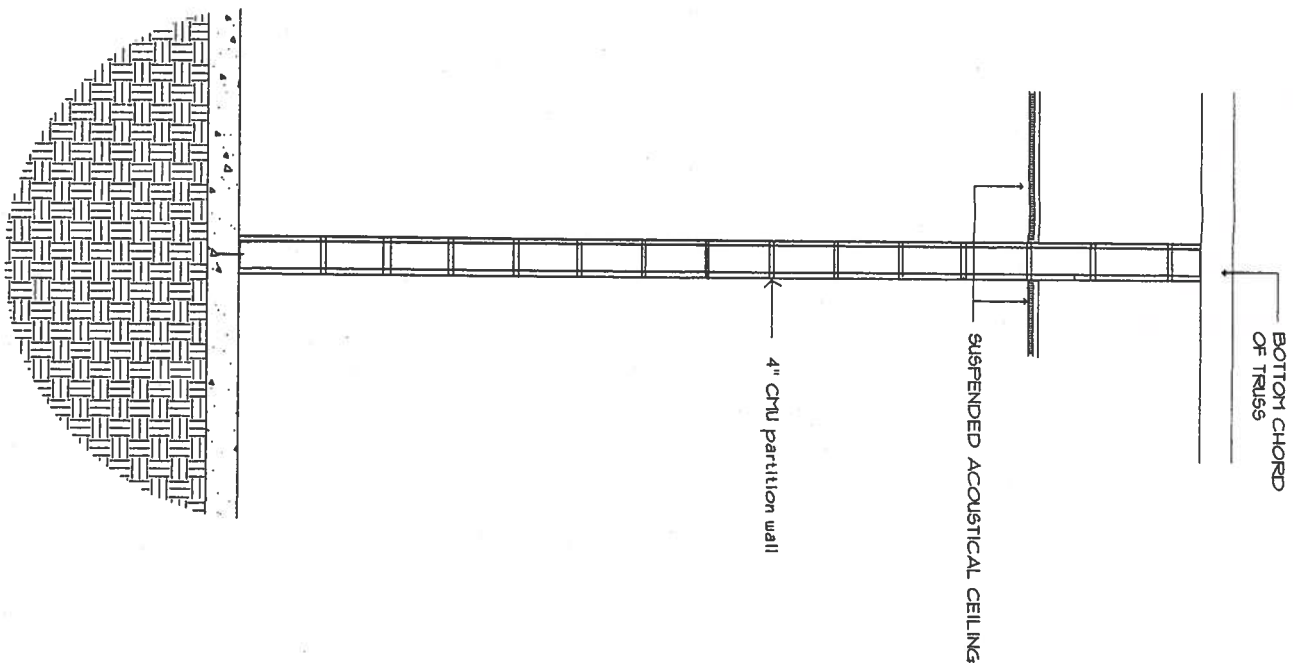
REAR ELEVATION
SC 1/4" = 1'-0"



LEFT SIDE ELEVATION
SC 1/4" = 1'-0"



TYPICAL WALL SECTION
SC 1" = 1'-0"



TYPICAL CMU STUD WALL
SC 1" = 1'-0"

