DATE 08/01/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000024812

APPLICANT JOE WILLIAMS PHONE 755-3139

ADDRESS 319 SW SOLSTICE COURT LAKE CITY FL 32024

OWNER PEOPLES STATE BANK PHONE 754-0002

ADDRESS 3882 W US 90 LAKE CITY FL 32024

CONTRACTOR LITTLE & WILLIAMS PHONE 755-3139

LOCATION OF PROPERTY 90W, TO THE CORNER OF 90W AND 252B

TYPE DEVELOPMENT BANK ESTIMATED COST OF CONSTRUCTION 889200.00

HEATED FLOOR AREA 3164.00 TOTAL AREA 3164.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING CHI MAX. HEIGHT 32

Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 15.00 SIDE 5.00

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

PARCEL ID 34-3S-16-02498-003 SUBDIVISION ____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES ____

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CGC003903	Joe Williams

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	X06-0278	BK	JH	N

COMMENTS: ONE FOOT ABOVE THE ROAD, SE #0440

Check # or Cash 8027

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE $ $ 4,446.00 CERTIFICATION FEE $ 15.82 SURCHARGE FEE $ 15.82

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

FLOOD DEVELOPMENT FEE $ ____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ ____ **TOTAL FEE** $ 4,552.64

INSPECTORS OFFICE Mike Tedder CLERKS OFFICE CH

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

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

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 INCONVIENCE, 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

Revised 9-23-04

For Office Use Only Application # 0607-18 Date Received 7-11-06 By CH Permit # 24812

Application Approved by - Zoning Official BLK Date 12.07.06 Plans Examiner OKOTH Date 7-26-06

Flood Zone X Development Permit N/A Zoning CHI Land Use Plan Map Category Highway Interchange

Comments SE 0440 NOC Robbie Cervolo FAX 407-629-7055

** City of Lake City will provide sewer and water.

Applicants Name Little & Williams, Inc. Phone 386 755-3139

Address 319 SW Solstice Court, Lake City, Fl 32024

Owners Name Peoples State Bank Phone 386 754-0002

911 Address 3882 W US 90, Lake City, FL 32024

Contractors Name Little & Williams, Inc. Phone 386 755-3139

Address 319 SW Solstice Court, Lake City, Fl 32024

Fee Simple Owner Name & Address N/A 32245

Bonding Co. Name & Address Bowditch Insurance Corp. 101 Century 21 Dr, Ste 200, Jax, Fl

Architect/Engineer Name & Address Design Services, Inc. 1778 Park Ave - Ste 100 Jacksonville, Fl 32751

Mortgage Lenders Name & Address N/A

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

Property ID Number 34-3S-16-02498-003 Estimated Cost of Construction $889,200.

Subdivision Name _____ Lot ____ Block ____ Unit ____ Phase ____

Driving Directions 90 West on US 90 to corner of US 90 West and County Road 252B

911 Address: 3882 West US 90, Lake City, Fl

Type of Construction Block, Brick Veneer Building Slab on grade. Number of Existing Dwellings on Property -0-

Total Acreage 87,973 SF Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 104.71 Side 28.83' Side 95.66' Rear 300.00'

Total Building Height 32'8" Number of Stories 1 Heated Floor Area 3,164 Roof Pitch 6/12

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

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

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

Owner Builder or Agent (Including Contractor)

Joe Williams

Contractor Signature Joe Williams

Contractors License Number CGC003903

Competency Card Number _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 10th day of July 2006.

AMELIA J. CREAMER
Notary Public, State of Florida
My comm. expires Mar. 10, 2009
Comm. No. DD 495823

Personally known X or Produced Identification _____

Amelia J. Creamer

Notary Signature Amelia J. Creamer

Columbia County Property Appraiser

DB Last Updated: 6/19/2006

2006 Proposed Values

Parcel: 00-00-00-13722-001

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	FULTON SHALONDA
Site Address	
Mailing Address	409 SE BROWN ST LAKE CITY, FL 32055
Description	LOT 42 BLK F & E 15.00 FT OF LOT 41 BLK F CANOVA'S S/D. ORB 416-294, 795-444, 943-2271 PROB#04-193CP 1021-2232 THRU 2242, WD 1021-2635. AGD 1075- 773.

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	870317.00
Tax District	1
UD Codes	MKTA06
Market Area	06
Total Land Area	0.206 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$11,250.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$73,864.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$85,114.00

Just Value	$85,114.00
Class Value	$0.00
Assessed Value	$85,114.00
Exempt Value	$0.00
Total Taxable Value	$85,114.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
1/4/2006	1075/773	AG	V	U	01	$76,000.00
7/26/2004	1021/2635	WD	V	Q		$10,300.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2005	Common BRK (19)	1347	1539	$73,864.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	9000.000 SF - (.206AC)	1.00/1.00/1.00/1.00	$1.25	$11,250.00

Columbia County Property Appraiser DB Last Updated: 6/19/2006

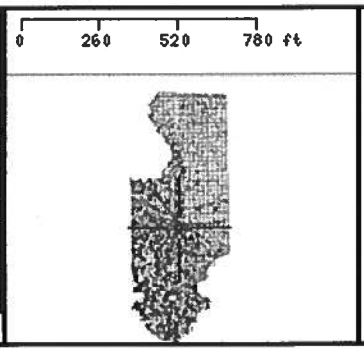
1 of 1

Columbia County Property Appraiser

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

PARCEL: 00-00-00-13722-001 - SINGLE FAM (000100)

Name:	FULTON SHALONDA	LandVal	$11,250.00
Site:		BldgVal	$73,864.00
Mail:	409 SE BROWN ST LAKE CITY, FL 32055	ApprVal	$85,114.00
		JustVal	$85,114.00
Sales	1/4/2006 $76,000.00 V / U	Assd	$85,114.00
Info	7/26/2004 $10,300.00 V / Q	Exmpt	$0.00
		Taxable	$85,114.00



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

GENERAL PERMIT

PERMITTEE:
PEOPLE'S STATE BANK
PO BOX 2199
LAKE CITY, FL 32056

PERMIT NUMBER: ERP06-0237
DATE ISSUED: 06/15/2006
DATE EXPIRES: 06/15/2009
COUNTY: COLUMBIA
TRS: S34/T3S/R16E

PROJECT: PEOPLE'S STATE BANK - LAKE CITY

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

Duplicate

THOMAS M. RIHERD, II
PEOPLE'S STATE BANK
PO BOX 2199
LAKE CITY, FL 32056

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

Construction of a 3000 square foot commercial building with associated parking and surface water management system on a 2 acre site. Project shall be developed in accordance with the plans submitted to the district by Causseaux & Ellington, Inc. on May 04, 2006 and signed and sealed by Rory P. Causseaux P.E. on May 5, 2006.

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

You or any other substantially affected persons are entitled to request an administrative hearing pursuant to ss.120.57(1), Florida Statutes (F.S.), and s.40B-1.511, F.A.C., if they object to the District's actions. Failure to request a hearing within 14 days will constitute a waiver of your right to request such a hearing. In addition, the District will presume that permittee waives Chapter 120,

F.S., rights to object or appeal the action upon commencement of construction authorized by the permit.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

Standard Conditions for All General Permits:

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

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

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

4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for

regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

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

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

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

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

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

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

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

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

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

F.A.C.

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

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

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

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

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

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

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

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C., must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

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

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

a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps,

pipes, and oil and grease skimmers;

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

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

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

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

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

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

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

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

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

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

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

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

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

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

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

Approved by Jerry Bowden Date Approved 06/15/06
District Staff

Clerk

Executive Director

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: LAKE CITY, COLUMBIA COUNTY, FL (221200)

Short Desc: 06046
Owner: Peoples State Bank
Address:
Project: West Office

City: Lake City
State: FL
Zip: 0
PermitNo: 0
Storeys: 1

Type: Office
Class: New Finished building
***Conditioned Area:** 2705
***Cond + UnCond Area:** 2705

* denotes lighted area. Does not include wall crosection areas

Max Tonnage: 4.8 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	3,151.96	4,181.32	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**None Entered**
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.	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.
PREPARED BY: Jason Smith	**BUILDING OFFICIAL:** _____
DATE: 6/5/06	**DATE:** _____
I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.	
OWNER AGENT: _____	
DATE: _____	

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

		REGISTRATION No.
ARCHITECT :	**Robert J. Ceravolo**	**FL #AR8387**
ELECTRICAL SYSTEM DESIGNER:	**Thomas Aitcheson**	**FL #PE32166**
LIGHTING SYSTEM DESIGNER:	**Thomas Aitcheson**	**FL #PE32166**
MECHANICAL SYSTEM DESIGNER:	**Jason Smith**	**FL #PE57743**
PLUMBING SYSTEM DESIGNER:	**Jason Smith**	**FL #PE57743**

(*) 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: 06046
Title: West Office
Type: Office
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*74.50*	*100.00*
	$3,151.96	*$4,181.32*
ELECTRICITY(MBtu/kWh/$)	74.50 62,415.00 *$3,151.96*	100.00 83,794.00 *$4,181.32*
AREA LIGHTS	12.00 10,060.00 *$508.03*	11.23 9,414.00 *$469.76*
MISC EQUIPMT	4.16 3,494.00 *$176.45*	4.16 3,494.00 *$174.35*
PUMPS & MISC	0.14 113.00 *$5.71*	0.14 114.00 *$5.69*
SPACE COOL	11.96 10,024.00 *$506.21*	13.15 11,016.00 *$549.70*
SPACE HEAT	11.93 9,979.00 *$503.94*	10.95 9,181.00 *$458.13*
VENT FANS	34.31 28,745.00 *$1,451.62*	60.37 50,575.00 *$2,523.69*

Credits & Penalties (if any): Modified Points: = 74.51 | PASSES

External Lighting Compliance

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

None

Project: 06046
Title: West Office
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
104/105 - Restroo	6	Toilet and Washroom	100	1	2	1	PASSES
106 - Hall	5	Corridor	65	1	3	1	PASSES
107 - Lounge	9	Food Service - Bar/Lounge	135	1	4	1	PASSES
108 - CRS	16	Office - Open Plan	130	1	3	1	PASSES
111 - Queue	12	Lobby (General) - Reception and Waiting	805	1	3	1	PASSES
112 - Tellerline	16	Office - Open Plan	225	1	3	1	PASSES
113 - Tellers	16	Office - Open Plan	140	1	3	1	PASSES
114 - Nightdrop	2	Storage & Warehouse - Inactive Storage	50	1	3	1	PASSES
100 - Entry	12	Lobby (General) - Reception and Waiting	115	1	4	1	PASSES
102 - Office	16	Office - Open Plan	135	1	3	1	PASSES
103 - Office	16	Office - Open Plan	135	1	3	1	PASSES
117 - Work Room	16	Office - Open Plan	105	1	3	1	PASSES
119 - Office	16	Office - Open Plan	140	1	3	1	PASSES
120 - Office	16	Office - Open Plan	140	1	3	1	PASSES
121 - Office	16	Office - Open Plan	135	1	3	1	PASSES
122 - Office	16	Office - Open Plan	150	1	3	1	PASSES

PASSES

Project: 06046
Title: West Office
Type: Office
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

AHU-1 **Lounge & Teller Lines** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 1**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		13.00	10.00	8.00		PASSES
Heating System	Electric Furnace		1.00	1.00			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.25	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		6.00				PASSES

AHU-2 **Offices & Queue** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 1**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		13.00	10.00	8.00		PASSES
Heating System	Electric Furnace		1.00	1.00			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.28	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		6.00				PASSES

PASSES

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance

None

Project: 06046
Title: West Office
Type: Office
(WEA File: JACKSONVILLE.TMY)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
EWH-1	Electric water heater	<= 12 [kW]	0.89	0.88			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: 06046
Title: West Office
Type: Office
(WEA File: JACKSONVILLE.TMY)

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: 06046

Project Title: West Office

Address:

State: FL

Zip: 0

Owner: Peoples State Bank

Orientation: North

Building Type: Office

Building Classification: New Finished building

No.of Storeys: 1

GrossArea: 2705

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	AHU-1	Lounge & Teller Lines	CONDITIONED	1650.0	1	1650.0	☐
2	AHU-2	Offices & Queue	CONDITIONED	1055.0	1	1055.0	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]	
In Zone:	**AHU-1**									
1	104/105 - Rest	104/105 - Restrooms	Toilet and Washroom	10.00	10.00	10.00	1	100.0	1000.0	☐
2	106 - Hall	106 - Hall	Corridor	1.00	65.00	10.00	1	65.0	650.0	☐
3	107 - Lounge	107 - Employee Lounge	Food Service - Bar/Lounge	1.00	135.00	10.00	1	135.0	1350.0	☐
4	108 - CRS	108 - CRS	Office - Open Plan	1.00	130.00	10.00	1	130.0	1300.0	☐
5	111 - Queue	111 - Queue	Lobby (General) - Reception and Waiting	1.00	805.00	10.00	1	805.0	8050.0	☐
6	112 - Tellerli	112 - Tellerline	Office - Open Plan	1.00	225.00	10.00	1	225.0	2250.0	☐
7	113 - Tellers	113 - Drive-In Tellers	Office - Open Plan	1.00	140.00	10.00	1	140.0	1400.0	☐
8	114 - Nightdro	114 - Nightdrop	Storage & Warehouse - Inactive Storage	1.00	50.00	10.00	1	50.0	500.0	☐
In Zone:	**AHU-2**									
1	100 - Entry	100 - Entry	Lobby (General) - Reception and Waiting	1.00	115.00	10.00	1	115.0	1150.0	☐
2	102 - Office	102 - Office	Office - Open Plan	1.00	135.00	10.00	1	135.0	1350.0	☐
3	103 - Office	103 - Office	Office - Open Plan	1.00	135.00	10.00	1	135.0	1350.0	☐
4	117 - Work Ro	117 - Work Room	Office - Open Plan	1.00	105.00	10.00	1	105.0	1050.0	☐
5	119 - Office	119 - Office	Office - Open Plan	1.00	140.00	10.00	1	140.0	1400.0	☐
6	120 - Office	120 - Office	Office - Open Plan	1.00	140.00	10.00	1	140.0	1400.0	☐
7	121 - Office	121 - Office	Office - Open Plan	1.00	135.00	10.00	1	135.0	1350.0	☐
8	122 - Office	122 - Office	Office - Open Plan	1.00	150.00	10.00	1	150.0	1500.0	☐

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone: AHU-1								
In Space: 104/105 - Restrooms								
1	Compact Fluorescent	General Lighting	1	75	75	Manual On/Off	2	☐
In Space: 106 - Hall								
1	Recessed Fluorescent - No vent	General Lighting	1	25	25	Manual On/Off	3	☐
In Space: 107 - Lounge								
1	Recessed Fluorescent - No vent	General Lighting	1	150	150	Manual On/Off	4	☐
In Space: 108 - CRS								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 111 - Queue								
1	Recessed Fluorescent - No vent	General Lighting	1	1000	1000	Manual On/Off	3	☐
In Space: 112 - Tellerline								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 113 - Tellers								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 114 - Nightdrop								
1	Recessed Fluorescent - No vent	General Lighting	1	10	10	Manual On/Off	3	☐
In Zone: AHU-2								
In Space: 100 - Entry								
1	Recessed Fluorescent - No vent	General Lighting	1	750	750	Manual On/Off	4	☐
In Space: 102 - Office								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 103 - Office								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 117 - Work Room								

1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐	
In Space: 119 - Office									
1	Recessed Fluorescent - No vent	General Lighting	1	150	150	Manual On/Off	3	☐	
In Space: 120 - Office									
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐	
In Space: 121 - Office									
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐	
In Space: 122 - Office									
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐	

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: AHU-1												
1	North	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	37.67	12.00	1	452.0	North	0.2067	5.7314	34.65	4.84	☐
2	East	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	5.25	12.00	1	63.0	East	0.2067	5.7314	34.65	4.84	☐
3	West	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	49.50	12.00	1	594.0	West	0.2067	5.7314	34.65	4.84	☐
In Zone: AHU-2												
1	East	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	63.75	12.00	1	765.0	East	0.2067	5.7314	34.65	4.84	☐

2	West	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	19.00	12.00	1	228.0	West	0.2067	5.7314	34.65	4.84
3	South	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	54.00	12.00	1	648.0	South	0.2067	5.7314	34.65	4.84

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: AHU-1										
In Wall: North										
1	North	SINGLE CLEAR	No	1.0018	0.81	0.88	3.00	5.00	3	45.0
In Wall: West										
1	Pr0Zo1Wa3Wi1	SINGLE CLEAR	No	1.0018	0.81	0.88	3.00	5.00	5	75.0
In Zone: AHU-2										
In Wall: East										
1	East	SINGLE CLEAR	No	1.0018	0.81	0.88	3.00	5.00	4	60.0
In Wall: South										
1	South	SINGLE CLEAR	No	1.0018	0.81	0.88	3.00	5.00	3	45.0

Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]
In Zone:											
In Wall:											

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: AHU-1												
1	Roof	Conc Tile/1/2"WD Deck/WD Truss/9"Batt/Gyp	92.00	10.00	1	920.0	0.00	0.0321	2.25	12.27	31.12	☐
In Zone: AHU-2												
1	Roof	Conc Tile/1/2"WD Deck/WD Truss/9"Batt/Gyp	1935.00	1.00	1	1935.0	0.00	0.0321	2.25	12.27	31.12	☐

Skylights

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

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: AHU-1											
1	Floor	Concrete floor, carpet and rubber pad	92.00	10.00	1	920.0	0.5987	9.33	140.00	1.67	☐
In Zone: AHU-2											
1	Floor	Concrete floor, carpet and rubber pad	1935.00	1.00	1	1935.0	0.5987	9.33	140.00	1.67	☐

Systems

AHU-1	**Lounge & Teller Lines**	**Constant Volume Air Cooled Split System < 65000 Btu/hr**	**No. Of Units 1**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	46500.00	13.00	8.00	☐
2	Heating System (Electric Furnace)	24575.00	1.00		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	1620.00	0.25		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1380.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

AHU-2	**Offices & Queue**	**Constant Volume Air Cooled Split System < 65000 Btu/hr**	**No. Of Units 1**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	57600.00	13.00	8.00	☐
2	Heating System (Electric Furnace)	39350.00	1.00		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	1845.00	0.28		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1570.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

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	40	[Gal]	5 [kW]	0.8900 [Ef]	[Btu/h]	☐

Ext-Lighting

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

Piping

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

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT	
ApLbWnd1	SINGLE CLEAR	1	1.0018	0.8150	0.8810	☐

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]	
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
151	Matl151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000	☐
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300					☐
268	Matl268	0.625" stucco	No	0.1302	0.0521	0.4000	16.00	0.2000	☐
42	Matl42	8 in. Lightweight concrete block	No	2.0212	0.6670	0.3300	38.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
12	Matl12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	0.2000	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
244	Matl244	PLYWOOD, 1/2IN	No	0.6318	0.0417	0.0660	34.00	0.2900	☐
185	Matl185	CLAY TILE, PAVER, 3/8IN	No	0.0301	0.0313	1.0410	120.00	0.2000	☐

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]	
1011	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	No	No	0.21	5.73	34.65	4.8368	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	268	0.625" stucco	0.0521	0.00	☐
2	42	8 in. Lightweight concrete block	0.6670	0.00	☐
3	269	.75" ISO BTWN24" oc	0.0625	0.00	☐
4	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1040	Conc Tile/1/2"WD Deck/WD Truss/9"Batt/Gyp	No	No	0.03	2.25	12.27	31.1151	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	185	CLAY TILE, PAVER, 3/8IN	0.0313	0.00	☐
2	244	PLYWOOD, 1/2IN	0.0417	0.00	☐
3	12	3 in. Insulation	0.2500	0.00	☐
4	23	6 in. Insulation	0.5000	0.00	☐
5	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

West Office

Location	**Lake City, Florida**
Building owner	**Peoples State Bank**
Program user	**Jason Diehl**
Company	**OCI Associates, Inc**
Comments	

By	**OCI Associates, Inc.**
Dataset name	**C:\CDS\TRACE700\Projects\06046 - Peoples Bank.trc**
Calculation time	**01:04 PM on 05/17/2006**
TRACE® 700 version	**6.0**

Location	**Gainesville, Florida**	
Latitude	**29.0**	**deg**
Longitude	**82.0**	**deg**
Time Zone	**5**	
Elevation	**155**	**ft**
Barometric pressure	**29.7**	**in. Hg**

Air density	**0.0756**	**lb/cu ft**
Air specific heat	**0.2444**	**Btu/lb·°F**
Density-specific heat product	**1.1087**	**Btu/h·cfm·°F**
Latent heat factor	**4,880.3**	**Btu·min/h·cu ft**
Enthalpy factor	**4.5356**	**lb·min/hr·cu ft**

Summer design dry bulb	**96**	**°F**
Summer design wet bulb	**77**	**°F**
Winter design dry bulb	**31**	**°F**
Summer clearness number	**0.95**	
Winter clearness number	**0.95**	
Summer ground reflectance	**0.20**	
Winter ground reflectance	**0.20**	

Design simulation period	**January - December**
Cooling load methodology	**CLTD-CLF (ASHRAE TFM)**
Heating load methodology	**CLTD-CLF (ASHRAE-TFM)**

System Checksums

By OCI Associates, Inc.

AHU-1 **Single Zone**

COOLING COIL PEAK

Peaked at Time: Mo/Hr:
Outside Air: OADB/WB/HR: Sum of Peaks

	Space Sens. + Lat. Btu/h	Plenum Sens. + Lat Btu/h	Net Total Btu/h	Percent Of Total (%)
Envelope Loads				
Skylite Solar	0	0	0	0
Skylite Cond	0	0	0	0
Roof Cond	0	1,380	1,380	2
Glass Solar	5,505	0	5,505	8
Glass Cond	3,070	0	3,070	4
Wall Cond	1,403	325	1,728	2
Partition	0		0	0
Exposed Floor	0		0	0
Infiltration	0		0	0
Sub Total ==>	9,978	1,706	11,684	17
Internal Loads				
Lights	10,621	2,655	13,277	19
People	15,878		15,878	23
Misc	6,638	0	6,638	10
Sub Total ==>	33,138	2,655	35,793	51
Ceiling Load	1,081	-1,081	0	0
Ventilation Load	0	0	23,129	33
Dehumid. Ov Sizing			0	0
Ov/Undr Sizing	0		0	0
Exhaust Heat		-830	-830	-1
Sup. Fan Heat			0	0
Ret. Fan Heat		0	0	0
Duct Heat Pkup		0	0	0
Reheat at Design			0	0
Grand Total ==>	44,197	2,450	69,777	100.00

CLG SPACE PEAK

Mo/Hr: Sum of
OADB: Peaks

	Space Sensible Btu/h	Percent Of Total (%)
Envelope Loads		
Skylite Solar	0	0
Skylite Cond	0	0
Roof Cond	0	0
Glass Solar	5,902	16
Glass Cond	2,845	8
Wall Cond	1,514	4
Partition	0	0
Exposed Floor	0	0
Infiltration	0	0
Sub Total ==>	10,261	27
Internal Loads		
Lights	10,621	28
People	8,544	23
Misc	6,638	18
Sub Total ==>	25,803	69
Ceiling Load	1,260	3
Ventilation Load	0	0
Ov/Undr Sizing	0	0
Grand Total ==>	37,325	100.00

HEATING COIL PEAK

Mo/Hr: Heating Design
OADB: 31

	Space Peak Space Sens Btu/h	Coil Peak Tot Sens Btu/h	Percent Of Total (%)
Envelope Loads			
Skylite Solar	0	0	0.00
Skylite Cond	0	0	0.00
Roof Cond	0	-2,179	7.40
Glass Solar	0	0	0.00
Glass Cond	-7,124	-7,124	24.20
Wall Cond	-2,497	-3,105	10.55
Partition	0	0	0.00
Exposed Floor	0	0	0.00
Infiltration	-1	-1	0.00
Sub Total ==>	-9,622	-12,408	42.14
Internal Loads			
Lights	0	0	0.00
People	0	0	0.00
Misc	0	0	0.00
Sub Total ==>	0	0	0.00
Ceiling Load	-692	0	0.00
Ventilation Load	0	-17,567	59.67
Ov/Undr Sizing	0	0	0.00
Exhaust Heat		533	-1.81
OA Preheat Diff.		0	0.00
RA Preheat Diff.		0	0.00
Additional Reheat		0	0.00
Grand Total ==>	-10,314	-29,442	100.00

TEMPERATURES

	Cooling	Heating
SADB	55.0	73.5
Plenum	76.8	66.9
Return	76.8	66.9
Ret/OA	81.6	57.8
Fn MtrTD	0.0	0.0
Fn BldTD	0.0	0.0
Fn Frict	0.0	0.0

AIRFLOWS

	Cooling	Heating
Vent	428	428
Infil	0	0
Supply	1,683	1,683
MinStop/Rh	0	0
Return	1,683	1,683
Exhaust	428	428
Rm Exh	0	0
Auxiliary	0	0

ENGINEERING CKS

	Cooling	Heating
% OA	25.4	25.4
cfm/ft²	0.87	0.87
cfm/ton	289.49	
ft²/ton	334.50	
Btu/hr·ft²	35.87	-15.14
No. People	34	

COOLING COIL SELECTION

	Total Capacity ton	Total Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	Enter DB °F	Enter WB °F	Enter HR gr/lb	Leave DB °F	Leave WB °F	Leave HR gr/lb
Main Clg	5.8	69.8	49.0	1,683.3	81.6	67.1	77.0	55.0	53.7	60.0
Aux Clg	0.0	0.0	0.0	0	0	0	0	0	0	0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	5.8	69.8								

AREAS

	Gross Total ft²	Glass ft²	Glass (%)
Floor	1,945		
Part	0		
ExFlr	0		
Roof	1,945	0	0
Wall	1,080	183	17

HEATING COIL SELECTION

	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F
Main Htg	-29.4	1,683.3	57.8	73.5
Aux Htg	0.0	0	0	0
Preheat	0.0	0	0	0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-29.4			

System Checksums

By OCI Associates, Inc.

AHU-2 **Single Zone**

COOLING COIL PEAK

Peaked at Time: Mo/Hr:
Outside Air: OADB/WB/HR: Sum of Peaks

	Space Sens. + Lat. Btu/h	Plenum Sens. + Lat Btu/h	Net Total Btu/h	Percent Of Total (%)
Envelope Loads				
Skylite Solar	0	0	0	0
Skylite Cond	0	0	0	0
Roof Cond	0	353	353	1
Glass Solar	7,293	0	7,293	27
Glass Cond	832	0	832	3
Wall Cond	948	217	1,165	4
Partition	0		0	0
Exposed Floor	0		0	0
Infiltration	0		0	0
Sub Total ==>	9,073	571	9,644	36
Internal Loads				
Lights	2,758	689	3,447	13
People	6,000		6,000	22
Misc	1,843	0	1,843	7
Sub Total ==>	10,601	689	11,290	42
Ceiling Load	194	-194	0	0
Ventilation Load	0	0	5,965	22
Dehumid. Ov Sizing			0	0
Ov/Undr Sizing	0		0	0
Exhaust Heat		-155	-155	-1
Sup. Fan Heat			0	0
Ret. Fan Heat		0	0	0
Duct Heat Pkup		0	0	0
Reheat at Design			0	0
Grand Total ==>	19,868	911	26,744	100.00

CLG SPACE PEAK

Mo/Hr: Sum of
OADB: Peaks

	Space Sensible Btu/h	Percent Of Total (%)
Envelope Loads		
Skylite Solar	0	0
Skylite Cond	0	0
Roof Cond	0	0
Glass Solar	9,386	53
Glass Cond	55	0
Wall Cond	522	3
Partition	0	0
Exposed Floor	0	0
Infiltration	0	0
Sub Total ==>	9,962	56
Internal Loads		
Lights	2,758	16
People	3,000	17
Misc	1,843	10
Sub Total ==>	7,601	43
Ceiling Load	147	1
Ventilation Load	0	0
Ov/Undr Sizing	0	0
Grand Total ==>	17,710	100.00

HEATING COIL PEAK

Mo/Hr: Heating Design
OADB: 31

	Space Peak Space Sens Btu/h	Coil Peak Tot Sens Btu/h	Percent Of Total (%)
Envelope Loads			
Skylite Solar	0	0	0.00
Skylite Cond	0	0	0.00
Roof Cond	0	-567	5.76
Glass Solar	0	0	0.00
Glass Cond	-2,242	-2,242	22.75
Wall Cond	-1,685	-2,086	21.17
Partition	0	0	0.00
Exposed Floor	0	0	0.00
Infiltration	0	0	0.00
Sub Total ==>	-3,927	-4,896	49.68
Internal Loads			
Lights	0	0	0.00
People	0	0	0.00
Misc	0	0	0.00
Sub Total ==>	0	0	0.00
Ceiling Load	-148	0	0.00
Ventilation Load	0	-5,087	51.61
Ov/Undr Sizing	0	0	0.00
Exhaust Heat		127	-1.29
OA Preheat Diff.		0	0.00
RA Preheat Diff.		0	0.00
Additional Reheat		0	0.00
Grand Total ==>	-4,075	-9,855	100.00

TEMPERATURES

	Cooling	Heating
SADB	55.0	72.6
Plenum	76.2	67.1
Return	76.2	67.1
Ret/OA	79.0	61.5
Fn MtrTD	0.0	0.0
Fn BldTD	0.0	0.0
Fn Frict	0.0	0.0

AIRFLOWS

	Cooling	Heating
Vent	124	124
Infil	0	0
Supply	799	799
MinStop/Rh	0	0
Return	799	799
Exhaust	124	124
Rm Exh	0	0
Auxiliary	0	0

ENGINEERING CKS

	Cooling	Heating
% OA	15.5	15.5
cfm/ft²	1.58	1.58
cfm/ton	358.37	
ft²/ton	226.59	
Btu/hr·ft²	52.96	-19.51
No. People	12	

COOLING COIL SELECTION

	Total Capacity ton	Total Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	Enter DB °F	Enter WB °F	Enter HR gr/lb	Leave DB °F	Leave WB °F	Leave HR gr/lb
Main Clg	2.2	26.7	20.2	798.7	79.0	64.5	68.3	55.0	53.3	58.4
Aux Clg	0.0	0.0	0.0	0	0	0	0	0	0	0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	2.2	26.7								

AREAS

	Gross Total ft²	Glass ft²	Glass (%)
Floor	505		
Part	0		
ExFlr	0		
Roof	505	0	0
Wall	710	108	15

HEATING COIL SELECTION

	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F
Main Htg	-9.9	798.7	61.5	72.6
Aux Htg	0.0	0	0	0
Preheat	0.0	0	0	0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-9.9			

System Checksums

By OCI Associates, Inc.

AHU-3 **Single Zone**

COOLING COIL PEAK

Peaked at Time: Mo/Hr:
Outside Air: OADB/WB/HR: Sum of Peaks

	Space Sens. + Lat. Btu/h	Plenum Sens. + Lat Btu/h	Net Total Btu/h	Percent Of Total (%)
Envelope Loads				
Skylite Solar	0	0	0	0
Skylite Cond	0	0	0	0
Roof Cond	0	195	195	2
Glass Solar	3,750	0	3,750	33
Glass Cond	1,225	0	1,225	11
Wall Cond	204	66	270	2
Partition	0		0	0
Exposed Floor	0		0	0
Infiltration	0		0	0
Sub Total ==>	5,179	260	5,440	48
Internal Loads				
Lights	1,393	348	1,741	15
People	1,500		1,500	13
Misc	478	0	478	4
Sub Total ==>	3,370	348	3,718	33
Ceiling Load	102	-102	0	0
Ventilation Load	0	0	2,224	20
Dehumid. Ov Sizing			0	0
Ov/Undr Sizing	0		0	0
Exhaust Heat		-55	-55	0
Sup. Fan Heat			0	0
Ret. Fan Heat		0	0	0
Duct Heat Pkup		0	0	0
Reheat at Design			0	0
Grand Total ==>	8,652	451	11,327	100.00

CLG SPACE PEAK

Mo/Hr: Sum of
OADB: Peaks

	Space Sensible Btu/h	Percent Of Total (%)
	0	0
	0	0
	0	0
	3,929	49
	1,107	14
	226	3
	0	0
	0	0
	0	0
	5,262	66
	1,393	17
	750	9
	478	6
	2,620	33
	106	1
	0	0
	0	0
	7,988	100.00

HEATING COIL PEAK

Mo/Hr: Heating Design
OADB: 31

	Space Peak Space Sens Btu/h	Coil Peak Tot Sens Btu/h	Percent Of Total (%)
Envelope Loads			
Skylite Solar	0	0	0.00
Skylite Cond	0	0	0.00
Roof Cond	0	-287	5.41
Glass Solar	0	0	0.00
Glass Cond	-2,923	-2,923	55.05
Wall Cond	-406	-537	10.11
Partition	0	0	0.00
Exposed Floor	0	0	0.00
Infiltration	0	0	0.00
Sub Total ==>	-3,329	-3,747	70.57
Internal Loads			
Lights	0	0	0.00
People	0	0	0.00
Misc	0	0	0.00
Sub Total ==>	0	0	0.00
Ceiling Load	-70	0	0.00
Ventilation Load	0	-1,600	30.14
Ov/Undr Sizing	0	0	0.00
Exhaust Heat		38	-0.71
OA Preheat Diff.		0	0.00
RA Preheat Diff.		0	0.00
Additional Reheat		0	0.00
Grand Total ==>	-3,399	-5,309	100.00

TEMPERATURES

	Cooling	Heating
SADB	55.0	76.5
Plenum	76.3	67.1
Return	76.3	67.1
Ret/OA	78.0	63.2
Fn MtrTD	0.0	0.0
Fn BldTD	0.0	0.0
Fn Frict	0.0	0.0

AIRFLOWS

	Cooling	Heating
Vent	39	39
Infil	0	0
Supply	360	360
MinStop/Rh	0	0
Return	360	360
Exhaust	39	39
Rm Exh	0	0
Auxiliary	0	0

ENGINEERING CKS

	Cooling	Heating
% OA	10.8	10.8
cfm/ft²	1.41	1.41
cfm/ton	381.66	
ft²/ton	270.14	
Btu/hr·ft²	44.42	-20.82
No. People	3	

COOLING COIL SELECTION

	Total Capacity ton	Total Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	Enter DB °F	Enter WB °F	Enter HR gr/lb	Leave DB °F	Leave WB °F	Leave HR gr/lb
Main Clg	0.9	11.3	9.2	360.3	78.0	63.7	65.8	55.0	53.0	57.3
Aux Clg	0.0	0.0	0.0	0	0	0	0	0	0	0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.9	11.3								

AREAS

	Gross Total	Glass ft²	Glass (%)
Floor	255		
Part	0		
ExFlr	0		
Roof	255	0	0
Wall	230	75	33

HEATING COIL SELECTION

	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F
Main Htg	-5.3	360.3	63.2	76.5
Aux Htg	0.0	0	0	0
Preheat	0.0	0	0	0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-5.3			

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

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

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

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

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

From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Phone Number 386-758-1163
Fax Number 386-754-7088

FAX TRANSMITTAL FORM

To: DSi Design Services Inc. From: Joe Haltiwanger
Name: Robbie Ceravolo Date Sent: 07/12/06
CC: Building permit application **0607-18**
Phone: Number of Pages: *Six pages* including the cover page
Fax: 407- 629-7055

Message: Reference to building permit application Number: **0607-18**
Contactor: Little & Williams Inc. Owners: People's State Bank

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: LAKE CITY, COLUMBIA COUNTY, FL (221200)

Short Desc: 06046
Owner: Peoples State Bank
Address:

Project: West Office

City: Lake City
State: FL
Zip: 0

PermitNo: 0
Storeys: 1

Type: Office
Class: New Finished building

***Conditioned Area:** 2705
***Cond + UnCond Area:** 2705

* denotes lighted area. Does not include wall crosection areas

Max Tonnage: 4.8 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	3,151.96	4,181.32	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**None Entered**
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.

APPROVED
(Subject to Revisions)
Inspection Department
Lake City Fire Dept.
State Fire Inspector
License # 48544
By: Date: 7-11-06

COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.	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.
PREPARED BY: Jason Smith	**BUILDING OFFICIAL:** _____
DATE: 6/5/06	**DATE:** _____
I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.	
OWNER AGENT: _____	
DATE: _____	

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

		REGISTRATION No.
ARCHITECT :	**Robert J. Ceravolo**	**FL #AR8387**
ELECTRICAL SYSTEM DESIGNER:	**Thomas Aitcheson**	**FL #PE32166**
LIGHTING SYSTEM DESIGNER:	**Thomas Aitcheson**	**FL #PE32166**
MECHANICAL SYSTEM DESIGNER:	**Jason Smith**	**FL #PE57743**
PLUMBING SYSTEM DESIGNER:	**Jason Smith**	**FL #PE57743**

(*) 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: 06046
Title: West Office
Type: Office
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*74.50*	*100.00*
	$3,151.96	*$4,181.32*
ELECTRICITY(MBtu/kWh/$)	74.50 62,415.00 *$3,151.96*	100.00 83,794.00 *$4,181.32*
AREA LIGHTS	12.00 10,060.00 *$508.03*	11.23 9,414.00 *$469.76*
MISC EQUIPMT	4.16 3,494.00 *$176.45*	4.16 3,494.00 *$174.35*
PUMPS & MISC	0.14 113.00 *$5.71*	0.14 114.00 *$5.69*
SPACE COOL	11.96 10,024.00 *$506.21*	13.15 11,016.00 *$549.70*
SPACE HEAT	11.93 9,979.00 *$503.94*	10.95 9,181.00 *$458.13*
VENT FANS	34.31 28,745.00 *$1,451.62*	60.37 50,575.00 *$2,523.69*

Credits & Penalties (if any): Modified Points: = 74.51 | PASSES

External Lighting Compliance

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

None

Project: 06046
Title: West Office
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
104/105 - Restroo	6	Toilet and Washroom	100	1	2	1	PASSES
106 - Hall	5	Corridor	65	1	3	1	PASSES
107 - Lounge	9	Food Service - Bar/Lounge	135	1	4	1	PASSES
108 - CRS	16	Office - Open Plan	130	1	3	1	PASSES
111 - Queue	12	Lobby (General) - Reception and Waiting	805	1	3	1	PASSES
112 - Tellerline	16	Office - Open Plan	225	1	3	1	PASSES
113 - Tellers	16	Office - Open Plan	140	1	3	1	PASSES
114 - Nightdrop	2	Storage & Warehouse - Inactive Storage	50	1	3	1	PASSES
100 - Entry	12	Lobby (General) - Reception and Waiting	115	1	4	1	PASSES
102 - Office	16	Office - Open Plan	135	1	3	1	PASSES
103 - Office	16	Office - Open Plan	135	1	3	1	PASSES
117 - Work Room	16	Office - Open Plan	105	1	3	1	PASSES
119 - Office	16	Office - Open Plan	140	1	3	1	PASSES
120 - Office	16	Office - Open Plan	140	1	3	1	PASSES
121 - Office	16	Office - Open Plan	135	1	3	1	PASSES
122 - Office	16	Office - Open Plan	150	1	3	1	PASSES

PASSES

Project: 06046
Title: West Office
Type: Office
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

AHU-1 **Lounge & Teller Lines** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 1**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		13.00	10.00	8.00		PASSES
Heating System	Electric Furnace		1.00	1.00			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.25	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		6.00				PASSES

AHU-2 **Offices & Queue** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 1**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		13.00	10.00	8.00		PASSES
Heating System	Electric Furnace		1.00	1.00			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.28	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		6.00				PASSES

PASSES

Plant Compliance

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

None

Project: 06046
Title: West Office
Type: Office
(WEA File: JACKSONVILLE.TMY)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
EWH-1	Electric water heater	<= 12 [kW]	0.89	0.88			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: 06046
Title: West Office
Type: Office
(WEA File: JACKSONVILLE.TMY)

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: 06046

Project Title: West Office

Address:

State: FL

Zip: 0

Owner: Peoples State Bank

Orientation: North

Building Type: Office

Building Classification: New Finished building

No.of Storeys: 1

GrossArea: 2705

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	AHU-1	Lounge & Teller Lines	CONDITIONED	1650.0	1	1650.0	☐
2	AHU-2	Offices & Queue	CONDITIONED	1055.0	1	1055.0	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]	
In Zone: AHU-1										
1	104/105 - Rest	104/105 - Restrooms	Toilet and Washroom	10.00	10.00	10.00	1	100.0	1000.0	☐
2	106 - Hall	106 - Hall	Corridor	1.00	65.00	10.00	1	65.0	650.0	☐
3	107 - Lounge	107 - Employee Lounge	Food Service - Bar/Lounge	1.00	135.00	10.00	1	135.0	1350.0	☐
4	108 - CRS	108 - CRS	Office - Open Plan	1.00	130.00	10.00	1	130.0	1300.0	☐
5	111 - Queue	111 - Queue	Lobby (General) - Reception and Waiting	1.00	805.00	10.00	1	805.0	8050.0	☐
6	112 - Tellerli	112 - Tellerline	Office - Open Plan	1.00	225.00	10.00	1	225.0	2250.0	☐
7	113 - Tellers	113 - Drive-In Tellers	Office - Open Plan	1.00	140.00	10.00	1	140.0	1400.0	☐
8	114 - Nightdro	114 - Nightdrop	Storage & Warehouse - Inactive Storage	1.00	50.00	10.00	1	50.0	500.0	☐
In Zone: AHU-2										
1	100 - Entry	100 - Entry	Lobby (General) - Reception and Waiting	1.00	115.00	10.00	1	115.0	1150.0	☐
2	102 - Office	102 - Office	Office - Open Plan	1.00	135.00	10.00	1	135.0	1350.0	☐
3	103 - Office	103 - Office	Office - Open Plan	1.00	135.00	10.00	1	135.0	1350.0	☐
4	117 - Work Ro	117 - Work Room	Office - Open Plan	1.00	105.00	10.00	1	105.0	1050.0	☐
5	119 - Office	119 - Office	Office - Open Plan	1.00	140.00	10.00	1	140.0	1400.0	☐
6	120 - Office	120 - Office	Office - Open Plan	1.00	140.00	10.00	1	140.0	1400.0	☐
7	121 - Office	121 - Office	Office - Open Plan	1.00	135.00	10.00	1	135.0	1350.0	☐
8	122 - Office	122 - Office	Office - Open Plan	1.00	150.00	10.00	1	150.0	1500.0	☐

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone: AHU-1								
In Space: 104/105 - Restrooms								
1	Compact Fluorescent	General Lighting	1	75	75	Manual On/Off	2	☐
In Space: 106 - Hall								
1	Recessed Fluorescent - No vent	General Lighting	1	25	25	Manual On/Off	3	☐
In Space: 107 - Lounge								
1	Recessed Fluorescent - No vent	General Lighting	1	150	150	Manual On/Off	4	☐
In Space: 108 - CRS								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 111 - Queue								
1	Recessed Fluorescent - No vent	General Lighting	1	1000	1000	Manual On/Off	3	☐
In Space: 112 - Tellerline								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 113 - Tellers								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 114 - Nightdrop								
1	Recessed Fluorescent - No vent	General Lighting	1	10	10	Manual On/Off	3	☐
In Zone: AHU-2								
In Space: 100 - Entry								
1	Recessed Fluorescent - No vent	General Lighting	1	750	750	Manual On/Off	4	☐
In Space: 102 - Office								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 103 - Office								
1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space: 117 - Work Room								

	1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space:	**119 - Office**								
	1	Recessed Fluorescent - No vent	General Lighting	1	150	150	Manual On/Off	3	☐
In Space:	**120 - Office**								
	1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space:	**121 - Office**								
	1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐
In Space:	**122 - Office**								
	1	Recessed Fluorescent - No vent	General Lighting	1	125	125	Manual On/Off	3	☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone:	**AHU-1**											
1	North	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	37.67	12.00	1	452.0	North	0.2067	5.7314	34.65	4.84	☐
2	East	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	5.25	12.00	1	63.0	East	0.2067	5.7314	34.65	4.84	☐
3	West	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	49.50	12.00	1	594.0	West	0.2067	5.7314	34.65	4.84	☐
In Zone:	**AHU-2**											
1	East	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	63.75	12.00	1	765.0	East	0.2067	5.7314	34.65	4.84	☐

2	West	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	19.00	12.00	1	228.0	West	0.2067	5.7314	34.65	4.84	☐
3	South	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	54.00	12.00	1	648.0	South	0.2067	5.7314	34.65	4.84	☐

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: AHU-1											
In Wall: North											
1	North	SINGLE CLEAR	No	1.0018	0.81	0.88	3.00	5.00	3	45.0	☐
In Wall: West											
1	Pr0Zo1Wa3Wi1	SINGLE CLEAR	No	1.0018	0.81	0.88	3.00	5.00	5	75.0	☐
In Zone: AHU-2											
In Wall: East											
1	East	SINGLE CLEAR	No	1.0018	0.81	0.88	3.00	5.00	4	60.0	☐
In Wall: South											
1	South	SINGLE CLEAR	No	1.0018	0.81	0.88	3.00	5.00	3	45.0	☐

Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]	
In Zone:												
In Wall:												☐

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: AHU-1												
1	Roof	Conc Tile/1/2"WD Deck/WD Truss/9"Batt/Gyp	92.00	10.00	1	920.0	0.00	0.0321	2.25	12.27	31.12	☐
In Zone: AHU-2												
1	Roof	Conc Tile/1/2"WD Deck/WD Truss/9"Batt/Gyp	1935.00	1.00	1	1935.0	0.00	0.0321	2.25	12.27	31.12	☐

Skylights

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

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: AHU-1											
1	Floor	Concrete floor, carpet and rubber pad	92.00	10.00	1	920.0	0.5987	9.33	140.00	1.67	☐
In Zone: AHU-2											
1	Floor	Concrete floor, carpet and rubber pad	1935.00	1.00	1	1935.0	0.5987	9.33	140.00	1.67	☐

Systems

AHU-1	**Lounge & Teller Lines**	**Constant Volume Air Cooled Split System < 65000 Btu/hr**	**No. Of Units 1**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	46500.00	13.00	8.00	☐
2	Heating System (Electric Furnace)	24575.00	1.00		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	1620.00	0.25		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1380.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

AHU-2	**Offices & Queue**	**Constant Volume Air Cooled Split System < 65000 Btu/hr**	**No. Of Units 1**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	57600.00	13.00	8.00	☐
2	Heating System (Electric Furnace)	39350.00	1.00		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	1845.00	0.28		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1570.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

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	40	[Gal]	5 [kW]	0.8900 [Ef]	[Btu/h]	☐

Ext-Lighting

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

Piping

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

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT	
ApLbWnd1	SINGLE CLEAR	1	1.0018	0.8150	0.8810	☐

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]	
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
151	Matl151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000	☐
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300					☐
268	Matl268	0.625" stucco	No	0.1302	0.0521	0.4000	16.00	0.2000	☐
42	Matl42	8 in. Lightweight concrete block	No	2.0212	0.6670	0.3300	38.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
12	Matl12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	0.2000	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
244	Matl244	PLYWOOD, 1/2IN	No	0.6318	0.0417	0.0660	34.00	0.2900	☐
185	Matl185	CLAY TILE, PAVER, 3/8IN	No	0.0301	0.0313	1.0410	120.00	0.2000	☐

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]	
1011	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	No	No	0.21	5.73	34.65	4.8368	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	268	0.625" stucco	0.0521	0.00	☐
2	42	8 in. Lightweight concrete block	0.6670	0.00	☐
3	269	.75" ISO BTWN24" oc	0.0625	0.00	☐
4	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1040	Conc Tile/1/2"WD Deck/WD Truss/9"Batt/Gyp	No	No	0.03	2.25	12.27	31.1151	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	185	CLAY TILE, PAVER, 3/8IN	0.0313	0.00	☐
2	244	PLYWOOD, 1/2IN	0.0417	0.00	☐
3	12	3 in. Insulation	0.2500	0.00	☐
4	23	6 in. Insulation	0.5000	0.00	☐
5	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

West Office

Location	**Lake City, Florida**
Building owner	**Peoples State Bank**
Program user	**Jason Diehl**
Company	**OCI Associates, Inc**
Comments	

By	**OCI Associates, Inc.**
Dataset name	**C:\CDS\TRACE700\Projects\06046 - Peoples Bank.trc**
Calculation time	**01:04 PM on 05/17/2006**
TRACE® 700 version	**6.0**

Location	**Gainesville, Florida**	
Latitude	**29.0**	**deg**
Longitude	**82.0**	**deg**
Time Zone	**5**	
Elevation	**155**	**ft**
Barometric pressure	**29.7**	**in. Hg**
Air density	**0.0756**	**lb/cu ft**
Air specific heat	**0.2444**	**Btu/lb·°F**
Density-specific heat product	**1.1087**	**Btu/h·cfm·°F**
Latent heat factor	**4,880.3**	**Btu·min/h·cu ft**
Enthalpy factor	**4.5356**	**lb·min/hr·cu ft**
Summer design dry bulb	**96**	**°F**
Summer design wet bulb	**77**	**°F**
Winter design dry bulb	**31**	**°F**
Summer clearness number	**0.95**	
Winter clearness number	**0.95**	
Summer ground reflectance	**0.20**	
Winter ground reflectance	**0.20**	

Design simulation period	**January - December**
Cooling load methodology	**CLTD-CLF (ASHRAE TFM)**
Heating load methodology	**CLTD-CLF (ASHRAE-TFM)**

System Checksums

By OCI Associates, Inc.

AHU-1 **Single Zone**

COOLING COIL PEAK

Peaked at Time: Mo/Hr:
Outside Air: OADB/WB/HR: Sum of Peaks

	Space Sens. + Lat. Btu/h	Plenum Sens. + Lat Btu/h	Net Total Btu/h	Percent Of Total (%)
Envelope Loads				
Skylite Solar	0	0	0	0
Skylite Cond	0	0	0	0
Roof Cond	0	1,380	1,380	2
Glass Solar	5,505	0	5,505	8
Glass Cond	3,070	0	3,070	4
Wall Cond	1,403	325	1,728	2
Partition	0		0	0
Exposed Floor	0		0	0
Infiltration	0		0	0
Sub Total ==>	9,978	1,706	11,684	17
Internal Loads				
Lights	10,621	2,655	13,277	19
People	15,878		15,878	23
Misc	6,638	0	6,638	10
Sub Total ==>	33,138	2,655	35,793	51
Ceiling Load	1,081	-1,081	0	0
Ventilation Load	0	0	23,129	33
Dehumid. Ov Sizing			0	0
Ov/Undr Sizing	0		0	0
Exhaust Heat		-830	-830	-1
Sup. Fan Heat			0	0
Ret. Fan Heat		0	0	0
Duct Heat Pkup		0	0	0
Reheat at Design			0	0
Grand Total ==>	44,197	2,450	69,777	100.00

CLG SPACE PEAK

Mo/Hr: Sum of
OADB: Peaks

	Space Sensible Btu/h	Percent Of Total (%)
Envelope Loads		
Skylite Solar	0	0
Skylite Cond	0	0
Roof Cond	0	0
Glass Solar	5,902	16
Glass Cond	2,845	8
Wall Cond	1,514	4
Partition	0	0
Exposed Floor	0	0
Infiltration	0	0
Sub Total ==>	10,261	27
Internal Loads		
Lights	10,621	28
People	8,544	23
Misc	6,638	18
Sub Total ==>	25,803	69
Ceiling Load	1,260	3
Ventilation Load	0	0
Ov/Undr Sizing	0	0
Grand Total ==>	37,325	100.00

HEATING COIL PEAK

Mo/Hr: Heating Design
OADB: 31

	Space Peak Space Sens Btu/h	Coil Peak Tot Sens Btu/h	Percent Of Total (%)
Envelope Loads			
Skylite Solar	0	0	0.00
Skylite Cond	0	0	0.00
Roof Cond	0	-2,179	7.40
Glass Solar	0	0	0.00
Glass Cond	-7,124	-7,124	24.20
Wall Cond	-2,497	-3,105	10.55
Partition	0	0	0.00
Exposed Floor	0	0	0.00
Infiltration	-1	-1	0.00
Sub Total ==>	-9,622	-12,408	42.14
Internal Loads			
Lights	0	0	0.00
People	0	0	0.00
Misc	0	0	0.00
Sub Total ==>	0	0	0.00
Ceiling Load	-692	0	0.00
Ventilation Load	0	-17,567	59.67
Ov/Undr Sizing	0	0	0.00
Exhaust Heat		533	-1.81
OA Preheat Diff.		0	0.00
RA Preheat Diff.		0	0.00
Additional Reheat		0	0.00
Grand Total ==>	-10,314	-29,442	100.00

TEMPERATURES

	Cooling	Heating
SADB	55.0	73.5
Plenum	76.8	66.9
Return	76.8	66.9
Ret/OA	81.6	57.8
Fn MtrTD	0.0	0.0
Fn BldTD	0.0	0.0
Fn Frict	0.0	0.0

AIRFLOWS

	Cooling	Heating
Vent	428	428
Infil	0	0
Supply	1,683	1,683
MinStop/Rh	0	0
Return	1,683	1,683
Exhaust	428	428
Rm Exh	0	0
Auxiliary	0	0

ENGINEERING CKS

	Cooling	Heating
% OA	25.4	25.4
cfm/ft²	0.87	0.87
cfm/ton	289.49	
ft²/ton	334.50	
Btu/hr·ft²	35.87	-15.14
No. People	34	

COOLING COIL SELECTION

	Total Capacity ton	Total Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	Enter DB °F	Enter WB °F	Enter HR gr/lb	Leave DB °F	Leave WB °F	Leave HR gr/lb
Main Clg	5.8	69.8	49.0	1,683.3	81.6	67.1	77.0	55.0	53.7	60.0
Aux Clg	0.0	0.0	0.0	0	0	0	0	0	0	0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	5.8	69.8								

AREAS

	Gross Total ft²	Glass ft²	Glass (%)
Floor	1,945		
Part	0		
ExFlr	0		
Roof	1,945	0	0
Wall	1,080	183	17

HEATING COIL SELECTION

	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F
Main Htg	-29.4	1,683.3	57.8	73.5
Aux Htg	0.0	0	0	0
Preheat	0.0	0	0	0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-29.4			

System Checksums

By OCI Associates, Inc.

AHU-2 **Single Zone**

COOLING COIL PEAK

Peaked at Time: Mo/Hr:
Outside Air: OADB/WB/HR: Sum of Peaks

	Space Sens. + Lat. Btu/h	Plenum Sens. + Lat Btu/h	Net Total Btu/h	Percent Of Total (%)
Envelope Loads				
Skylite Solar	0	0	0	0
Skylite Cond	0	0	0	0
Roof Cond	0	353	353	1
Glass Solar	7,293	0	7,293	27
Glass Cond	832	0	832	3
Wall Cond	948	217	1,165	4
Partition	0		0	0
Exposed Floor	0		0	0
Infiltration	0		0	0
Sub Total ==>	9,073	571	9,644	36
Internal Loads				
Lights	2,758	689	3,447	13
People	6,000		6,000	22
Misc	1,843	0	1,843	7
Sub Total ==>	10,601	689	11,290	42
Ceiling Load	194	-194	0	0
Ventilation Load	0	0	5,965	22
Dehumid. Ov Sizing			0	0
Ov/Undr Sizing	0		0	0
Exhaust Heat		-155	-155	-1
Sup. Fan Heat			0	0
Ret. Fan Heat		0	0	0
Duct Heat Pkup		0	0	0
Reheat at Design			0	0
Grand Total ==>	19,868	911	26,744	100.00

CLG SPACE PEAK

Mo/Hr: Sum of
OADB: Peaks

	Space Sensible Btu/h	Percent Of Total (%)
Envelope Loads		
Skylite Solar	0	0
Skylite Cond	0	0
Roof Cond	0	0
Glass Solar	9,386	53
Glass Cond	55	0
Wall Cond	522	3
Partition	0	0
Exposed Floor	0	0
Infiltration	0	0
Sub Total ==>	9,962	56
Internal Loads		
Lights	2,758	16
People	3,000	17
Misc	1,843	10
Sub Total ==>	7,601	43
Ceiling Load	147	1
Ventilation Load	0	0
Ov/Undr Sizing	0	0
Grand Total ==>	17,710	100.00

HEATING COIL PEAK

Mo/Hr: Heating Design
OADB: 31

	Space Peak Space Sens Btu/h	Coil Peak Tot Sens Btu/h	Percent Of Total (%)
Envelope Loads			
Skylite Solar	0	0	0.00
Skylite Cond	0	0	0.00
Roof Cond	0	-567	5.76
Glass Solar	0	0	0.00
Glass Cond	-2,242	-2,242	22.75
Wall Cond	-1,685	-2,086	21.17
Partition	0	0	0.00
Exposed Floor	0	0	0.00
Infiltration	0	0	0.00
Sub Total ==>	-3,927	-4,896	49.68
Internal Loads			
Lights	0	0	0.00
People	0	0	0.00
Misc	0	0	0.00
Sub Total ==>	0	0	0.00
Ceiling Load	-148	0	0.00
Ventilation Load	0	-5,087	51.61
Ov/Undr Sizing	0	0	0.00
Exhaust Heat		127	-1.29
OA Preheat Diff.		0	0.00
RA Preheat Diff.		0	0.00
Additional Reheat		0	0.00
Grand Total ==>	-4,075	-9,855	100.00

TEMPERATURES

	Cooling	Heating
SADB	55.0	72.6
Plenum	76.2	67.1
Return	76.2	67.1
Ret/OA	79.0	61.5
Fn MtrTD	0.0	0.0
Fn BldTD	0.0	0.0
Fn Frict	0.0	0.0

AIRFLOWS

	Cooling	Heating
Vent	124	124
Infil	0	0
Supply	799	799
MinStop/Rh	0	0
Return	799	799
Exhaust	124	124
Rm Exh	0	0
Auxiliary	0	0

ENGINEERING CKS

	Cooling	Heating
% OA	15.5	15.5
cfm/ft²	1.58	1.58
cfm/ton	358.37	
ft²/ton	226.59	
Btu/hr·ft²	52.96	-19.51
No. People	12	

COOLING COIL SELECTION

	Total Capacity ton	Total Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	Enter DB °F	Enter WB °F	Enter HR gr/lb	Leave DB °F	Leave WB °F	Leave HR gr/lb
Main Clg	2.2	26.7	20.2	798.7	79.0	64.5	68.3	55.0	53.3	58.4
Aux Clg	0.0	0.0	0.0	0	0	0	0	0	0	0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	2.2	26.7								

AREAS

	Gross Total	Glass ft²	Glass (%)
Floor	505		
Part	0		
ExFlr	0		
Roof	505	0	0
Wall	710	108	15

HEATING COIL SELECTION

	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F
Main Htg	-9.9	798.7	61.5	72.6
Aux Htg	0.0	0	0	0
Preheat	0.0	0	0	0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-9.9			

System Checksums

By OCI Associates, Inc.

AHU-3 **Single Zone**

COOLING COIL PEAK

Peaked at Time: Mo/Hr:
Outside Air: OADB/WB/HR: Sum of Peaks

	Space Sens. + Lat. Btu/h	Plenum Sens. + Lat Btu/h	Net Total Btu/h	Percent Of Total (%)
Envelope Loads				
Skylite Solar	0	0	0	0
Skylite Cond	0	0	0	0
Roof Cond	0	195	195	2
Glass Solar	3,750	0	3,750	33
Glass Cond	1,225	0	1,225	11
Wall Cond	204	66	270	2
Partition	0		0	0
Exposed Floor	0		0	0
Infiltration	0		0	0
Sub Total ==>	5,179	260	5,440	48
Internal Loads				
Lights	1,393	348	1,741	15
People	1,500		1,500	13
Misc	478	0	478	4
Sub Total ==>	3,370	348	3,718	33
Ceiling Load	102	-102	0	0
Ventilation Load	0	0	2,224	20
Dehumid. Ov Sizing			0	0
Ov/Undr Sizing	0		0	0
Exhaust Heat		-55	-55	0
Sup. Fan Heat			0	0
Ret. Fan Heat		0	0	0
Duct Heat Pkup		0	0	0
Reheat at Design			0	0
Grand Total ==>	8,652	451	11,327	100.00

CLG SPACE PEAK

Mo/Hr: Sum of
OADB: Peaks

	Space Sensible Btu/h	Percent Of Total (%)
Envelope Loads		
Skylite Solar	0	0
Skylite Cond	0	0
Roof Cond	0	0
Glass Solar	3,929	49
Glass Cond	1,107	14
Wall Cond	226	3
Partition	0	0
Exposed Floor	0	0
Infiltration	0	0
Sub Total ==>	5,262	66
Internal Loads		
Lights	1,393	17
People	750	9
Misc	478	6
Sub Total ==>	2,620	33
Ceiling Load	106	1
Ventilation Load	0	0
Exhaust Heat		
OA Preheat Diff.		
RA Preheat Diff.		
Additional Reheat		
Grand Total ==>	7,988	100.00

HEATING COIL PEAK

Mo/Hr: Heating Design
OADB: 31

	Space Peak Space Sens Btu/h	Coil Peak Tot Sens Btu/h	Percent Of Total (%)
Envelope Loads			
Skylite Solar	0	0	0.00
Skylite Cond	0	0	0.00
Roof Cond	0	-287	5.41
Glass Solar	0	0	0.00
Glass Cond	-2,923	-2,923	55.05
Wall Cond	-406	-537	10.11
Partition	0	0	0.00
Exposed Floor	0	0	0.00
Infiltration	0	0	0.00
Sub Total ==>	-3,329	-3,747	70.57
Internal Loads			
Lights	0	0	0.00
People	0	0	0.00
Misc	0	0	0.00
Sub Total ==>	0	0	0.00
Ceiling Load	-70	0	0.00
Ventilation Load	0	-1,600	30.14
Ov/Undr Sizing	0	0	0.00
Exhaust Heat		38	-0.71
OA Preheat Diff.		0	0.00
RA Preheat Diff.		0	0.00
Additional Reheat		0	0.00
Grand Total ==>	-3,399	-5,309	100.00

TEMPERATURES

	Cooling	Heating
SADB	55.0	76.5
Plenum	76.3	67.1
Return	76.3	67.1
Ret/OA	78.0	63.2
Fn MtrTD	0.0	0.0
Fn BldTD	0.0	0.0
Fn Frict	0.0	0.0

AIRFLOWS

	Cooling	Heating
Vent	39	39
Infil	0	0
Supply	360	360
MinStop/Rh	0	0
Return	360	360
Exhaust	39	39
Rm Exh	0	0
Auxiliary	0	0

ENGINEERING CKS

	Cooling	Heating
% OA	10.8	10.8
cfm/ft²	1.41	1.41
cfm/ton	381.66	
ft²/ton	270.14	
Btu/hr·ft²	44.42	-20.82
No. People	3	

COOLING COIL SELECTION

	Total Capacity ton	Total Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	Enter DB °F	Enter WB °F	Enter HR gr/lb	Leave DB °F	Leave WB °F	Leave HR gr/lb
Main Clg	0.9	11.3	9.2	360.3	78.0	63.7	65.8	55.0	53.0	57.3
Aux Clg	0.0	0.0	0.0	0	0	0	0	0	0	0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.9	11.3								

AREAS

	Gross Total ft²	Glass ft²	Glass (%)
Floor	255		
Part	0		
ExFlr	0		
Roof	255	0	0
Wall	230	75	33

HEATING COIL SELECTION

	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F
Main Htg	-5.3	360.3	63.2	76.5
Aux Htg	0.0	0	0	0
Preheat	0.0	0	0	0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-5.3			

From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: 0607-18

Contractor: Little & Williams Owners People's State Bank 34-3s-16-02498-003
On the date of July 11, 2006 application 0607-18 and plans for construction of a commercial building for use as group B occupancy with a type V unprotected construction design were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0607-18 and when making reference to this application.

This is a plan review for compliance with the Florida Building Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

1. The FBC sections 1002.1 definitions, defines corridor as an enclosed exit access component that defines and provides a path of egress travel to an exit. The floor plans sheet A1.10 show two means of egress of which one of the two is a corridor (Hall 106). The walls

which create this corridor are shown to be wood stud partitions. Table 1016.1 requires that a corridor fire-resistance rating for a group B occupancies with an occupancy load greater than thirty occupants be constructed to have a fire-resistance of one hour. Section 708.4 defines the method to which corridors fire-resistance partitions will be constructed. Fire partitions shall extend from the top of the floor assembly below to the underside of the floor or roof slab or deck above or to the fire-resistance-rated floor/ceiling or roof/ceiling assembly above, and shall be securely attached thereto. If the partitions are not continuous to the deck, and where constructed of combustible construction, the space between the ceiling and the deck above shall be fireblocked or draftstopped in accordance with Sections 717.2.1 and 717.3.1 at the partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall supported, except for tenant and sleeping unit separation walls and exit access corridor walls in buildings of Type IIB, IIIB and VB construction. *Therefore please show on the plans the method to make this corridor be in compliance with the building code.*

2. The partitions walls and a ceiling assembly in the safe keeping room (109) and the janitorial room (108) on the plans are shown to be one hour fire-rated resistance. In accordance with sections 717.4.3 other groups. Draftstopping shall be installed in attics and concealed roof

spaces, such that any horizontal area does not exceed 3,000 square feet (279 m2). The attic area of the entire structure will exceed 3,000 square feet, If the safe keeping room (109) and the janitorial room (108) interior partitions walls could be so constructed to provide attic draftstopping section 717.4.3 would be complied with.

3. Please submit the manufacture information on the locking hardware for the egress doors (100) to verify compliance with section 1008.1.3.4 Access-controlled egress doors.

4. On the lobby wall of offices 119 & 120 it is suggested that an additional emergency light be installed to help insure a sufficient illumination for a emergency egress pathway.

5. Please provide two sets of sealed engineered drawing prepared by the truss designer.

6. Please submit the Florida product approval numbers for all materials listed on the attached specification sheet along with the specification on the copula.

Joe Haltiwanger

Plan Examiner
Columbia County Building Department

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

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

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

24812

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.

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

Tax Parcel ID Number 34-3S-16-02498-003 PERMIT NUMBER 000024812

1. Description of property: (legal description of the property and street address or 911 address)
PEOPLES STATE BANK/WEST OFFICE
3882 WEST US HWY 90
LAKE CITY, FLA. 32024

Inst:2006019597 Date:08/17/2006 Time:14:10
DC,P.DeWitt Cason,Columbia County B:1093 P:286

2. General description of improvement: BRANCH BANK

3. Owner Name & Address PEOPLES STATE BANK, 350 SW MAIN BLVD
LAKE CITY, FLA. 32024 Interest in Property

4. Name & Address of Fee Simple Owner (if other than owner):

5. Contractor Name LITTLE & WILLIAMS, INC. Phone Number 386 755-3139
Address 319 SW SOLSTICE COURT, LAKE CITY, FLA. 32024

6. Surety Holders Name BOWDITCH INSURANCE CORP Phone Number
Address 101 CENTURY 21 DR. STE 200 JACKSONVILLE, FLA. 32245
Amount of Bond $889,200

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 GILBERT W. MILLER
Address 350 SW MAIN BLVD LAKE CITY, FLA. 32025 Phone Number 386 754-0002

9. In addition to himself/herself the owner designates THOMAS RIHERD to receive a copy of the Lienor's Notice as provided in Section 713.13 (1)(b) of

(a) 7. Phone Number of the designee 386 754-0002

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) AUGUST 17, 2006

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.

Signature of Owner

Sworn to (or affirmed) and subscribed before day of August 17 2006

NOTARY STAMP/SEAL

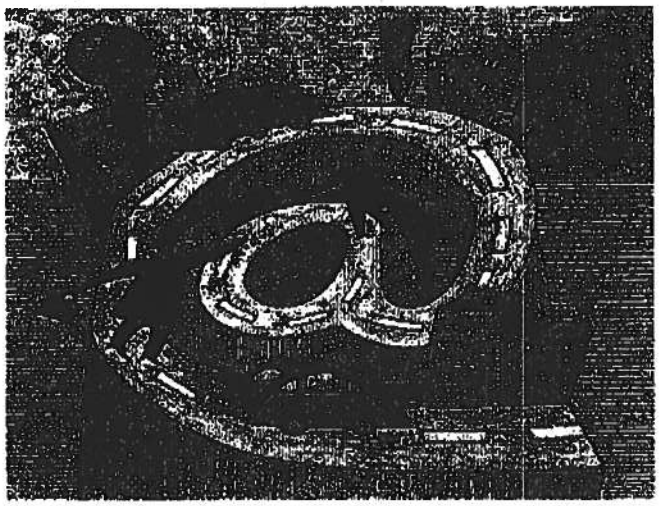
WORTH D. MORRIS
MY COMMISSION EXPIRES
June 18, 2007
#DD 188249
Bonded thru Notary Public Underwriters
NOTARY PUBLIC, STATE OF FLORIDA

Signature of Notary

2482

FLORIDA DEPARTMENT OF TRANSPORTATION

LAKE CITY MAINTENANCE
PHONE (386) 961-7180
FAX (386) 961-7183



FACISIMILE TRANSMITTAL

DATE: 3-3-08

TO: Mr S Kerce

ATTN: Col Co Bldng & Zoning

FROM: Dde Cray FDOT Permits Inspector

SUBJECT: Final Passing of Driveway

COMMENTS: Please call if any questions (386) 961-7196 or 7183

FAX MEMORANDUM

MEMORANDUM

FLORIDA DEPARTMENT OF TRANSPORTATION

To: Mr. John Kerce, Dept. Director Columbia Co. Building & Zoning Dept. **Fax No: 386-758-2160**	**From:** Dale L. Cray, FDOT Permits Insp. **Date: 3-03-2008** Fax **No. 386-961-7183** **Attention: Col Co. Building Zoning Dept.**

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

REF: New Comm. D/W / Inspected On:2-28-2008
PROJECT: New Access / Res. Access S.R. 10 (W)
PARCEL ID No: N/A Permit No : 07-A-292-37 Sec No : 29010
MILE POST: 6.182+-

Mr. Kerce:

Please accept this as our legal notice of final passing inspection for (JAW-1031, LLC & People State Bank) for a New Comm. Driveway. The project is located, US 90 W Lake City, Fl.32055

This access is for the New Comm. Access has been inspected and meets FDOT Standard Requirements.

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

Sincerely,

Dale L. Cray *DLC*
Access Permits Inspector

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY CONNECTION PERMIT FOR ALL CATEGORIES

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 2007-A-292-7

Permit Category: D Access Classification: 4

Project: COMM. DRIVEWAY & MEDIAN MODIFICATION

Permittee: JAW-1031, LLC and People's State Bank

Section/Mile Post: 29010 / 6.182+- State Road: 10 (W)

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

PART 2: PERMITTEE INFORMATION

Permittee Name: JAW-1031, LLC and People's State Bank

Permittee Mailing Address: P.O. BOX 1857

City, State, Zip: ALACHUA, FL 32616

Telephone: (386)462-1476

Engineer/Consultant/or Project Manager: RORY P. CAUSSEAUX, P.E./ CAUSSEAUX & ELLINGTON, INC.

Engineer responsible for construction inspection: RORY P. CAUSSEAUX (NAME) 39421 (P.E. #)

Mailing Address: 6011 NW 1ST PLACE

City, State, Zip: GAINESVILLE, FL 32607

Telephone: (352)331-1976 Mobile Phone N/A

PART 3: PERMIT APPROVAL

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

Permit Number: 2007-A-292-7

Department of Transportation

Signature: [signature] Title: PERMITS COORDINATOR

Department Representative's Printed Name NEIL E. MILES

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

Special provisions attached ◉ YES ○ NO

Date of Issuance: AUG 2 0 2007

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

See following pages for General and Special Provisions

SAP:pds
487.03-05-119
6/17/05

This Instrument Prepared By
S. AUSTIN PEELE
DARBY, PEELE, BOWDOIN & PAYNE
Attorneys at Law
Post Office Drawer 1707
Lake City, Florida 32056

Inst:2005014502 Date:06/21/2005 Time:11:43
Doc Stamp-Deed : 16800.00
DC,P.DeWitt Cason,Columbia County B:1048 P:1581

TRUSTEES' DEED

THIS TRUSTEES' DEED made this 20th day of June, 2005, by FREDRICK L. HAINES and JOSEPH F. ZAHNER, individually and as Co-Trustees of the Josef and Josefine Zahner Family Trust, under Trust Agreement dated March 24, 1995, neither of whom reside on the property hereafter described, whose mailing address is c/o Frederick L. Haines, 3061 Whitfaway Trail, Tallahassee, Florida 32309, (herein "Grantor") to DDC-1031, LLC, LJC-1031, LLC and JAW-1031, LLC, all of which are Florida limited liability companies, whose mailing address is c/o Daniel Crapps, 2808 U.S. Highway 90 West, Suite 101, Lake City, Florida 32055 (herein "Grantee"):

WITNESSETH:

That the Grantor, pursuant to the powers and authority granted by the terms and provisions of the aforesaid Trust Agreement and in consideration of the sum of TEN AND NO/100 ($10.00) DOLLARS and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the Grantee, all that certain land situate in Columbia County, Florida, viz:

> Begin at the SE corner of Section 34, Township 3 South, Range 16 East, Columbia County, Florida, and run N. 06°12'32" E., 623.76 feet; thence N 89°55'08" W., 350.00 feet; thence N.06°12'32" E., 325.00 feet to the South right-of-way line of U.S. Highway No. 90 said point being in a curve concave to the North having a radius of 3324.04 feet and an included angle of 1°45'35"; thence run Westerly along the arc of said curve an arc distance of 102.10 feet; thence S.06°35'43" W., 300.69 feet; thence N. 85°35'33" W. 293.60 feet; thence N. 08°15'07" E., 312.23 feet to the aforementioned South right-of-way line, said point being in a point of curve concave to the North having a radius of 3324.04 feet and an included angle of 2°56'26"; thence run Westerly along the arc of said curve an arc distance of 170.60 feet; thence N. 77°39'03" W., still along said South right-of-way line, 14.09 feet to a point of curve of a curve concave to the Northeast having a radius of 7689.44 feet and an included angle of 2°19'22"; thence run Westerly

MARK LITTLE **Little & Williams, Inc.** J. E. WILLIAMS

COMMERCIAL **CONSTRUCTION** INDUSTRIAL

Project Name:	**Peoples State Bank** **West Office** **New Branch Bank** **Lake City, FL**
Job Superintendent:	**Tommy Anderson – 386 755-3139** **Mark Little - Cell # 386 623-6642**
Project Manager:	**Joe Williams – 904 982-2544**

SUBMITTAL

Date: July 21, 2006

Submittal #4: Revised Wood Truss Shop Drawings (5) Copies

Subcontractor: Installed by General Contractor

Supplier: Anderson Truss Company

Manufacturer: Anderson Truss Company

Section: Section 06190 Prefabricated Wood Trusses

■ **APPROVED**

□ **APPROVED WITH CHANGES INDICATED**

LITTLE & WILLIAMS, INC.

BY: _____

DATE: 7-21-06

SPEC. SECT: 06190

ITEM: Wood Trusses

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 34-3S-16-02498-003 **Building permit No.** 000024812

Use Classification BANK **Fire:** 252.08

Permit Holder LITTLE & WILLIAMS **Waste:**

Owner of Building PEOPLES STATE BANK **Total:** 252.08

PER ZANNIE LITTLE

Location:

Date: 02/16/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

24812

Lake City Fire Department

225 NW Main Blvd., Suite 101, Lake City, FL 32055
Phone: 386-752-3312 Fax: 386-758-5424

Michael Johnson
Fire Chief

Inspection Division

Fire Safety Inspectors
Carlton A. Tunsil
Assistant Fire Chief

Frank E. Armijo
Battalion Chief

Nathiel L. Williams, Sr.
Fire Inspector

TO: Little & Williams (Contractor)

FROM: Carlton Tunsil, Assistant Fire Chief
State Fire Inspector License #48544

DATE: 2/15/07

SUBJECT: Fire Safety Inspection

A fire safety inspection was performed today at PEOPLE STATE BANK, located at 3882 US Hwy 90 west Lake City, FL. This Business meets all requirements of Chapter 38 of Life Safety Code 101, 2003 Edition. No violations were noted. I recommend approval.

Chief Carlton Tunsil

Carlton Tunsil, Assistant Fire Chief
State Fire Inspector License #48544

MARK LITTLE **Little & Williams, Inc.** J. E. WILLIAMS

COMMERCIAL **CONSTRUCTION** INDUSTRIAL

Fax 758-2160

24812

February 16, 2007

To Whom It May Concern:

This letter authorizes Tommy Anderson to pick up the Certificate of Occupancy on behalf of Little & Williams, Inc.

By Joe Williams
Joe Williams

State of Florida
County of Columbia

The forgoing instrument was acknowledged before me this 16th day of February, 2007, by Joe Williams who is **personally known** to me.

Amelia J. Creamer
NOTARY PUBLIC
Typed name: Amelia J. Creamer
Commission Expires: 3/10/09

AMELIA J. CREAMER
Notary Public, State of Florida
My comm. expires Mar. 10, 2009
Comm. No. DD 405823

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY/CONNECTION APPLICATION FOR ALL CATEGORIES

650-040-15
SYSTEMS PLANNING
04/05

OFFICE USE ONLY

Application Number: 2007-A-292-7
Received By: Ranna Crawford (FDOT STAFF (TYPE OR PRINT))
Category: D
Date: 1-25-07
Section/Mile Post: 29010 / 6.182 + -
State Road: 10, (US 90)
Section/Mile Post: N/A
State Road: N/A

Instructions - To Applicant

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

Please print or type

APPLICANT:

Check one:

○ Owner ○ Lessee ○ Contract to Purchase and People's State Bank

Name: JAW-1031, LLC

Responsible Officer or Person: Ardene Wiggins, Registered Agent

If the Applicant is a Company or Organization, Name:

Address: P.O. Box 1857

City, State: Alachua, Florida

Zip: 32616 Phone: 386-462-1476 Fax: 386-462-5510

Email: awiggins@windstream.net

LAND OWNER: (if not applicant)

Name:

If the Applicant is a Company or Organization, Name:

Address:

City, State:

Zip: Phone: Fax:

Email:

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. 248/2

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Fifth - Williams Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) US Hwy 90 West Lake City FL

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 6-14-06
Brand Name of Product(s) Used Termidor SC
EPA Registration No. 7969-210
Approximate Final Mix Solution % 0.125 %
Approximate Size of Treatment Area: Sq. ft. 3163 Linear ft. 233 Linear ft. of Masonry Voids 233
Approximate Total Gallons of Solution Applied 553
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No Upon Completion

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

Attachments (List)
Comments

Name of Applicator(s) Steve Brannen Certification No. (if required by State law) JF104376

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

Authorized Signature Steve Brannen Date 6-14-06

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)

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

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

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

April 26, 2006

Joe Haltiwanger

Peoples State Bank
350 S. W. Main Boulevard
Lake City, Florida 32025

Attention: Gil Miller

Reference: Proposed Peoples State Bank
U. S. 90 and C. R. 252B
Lake City, Florida
Cal-Tech Project No. 06-222

Dear Mr. Miller,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the sites for a new bank building and storm water basins to be constructed near the intersection of U.S. 90 and C.R. 252B in Lake City, Florida. Our work was authorized by you.

Introduction

We understand you will construct a single-story, masonry and brick building with a plan area of about 3,200 square feet. Support for the building is to be provided by conventional, shallow spread footings. Floors are to be slab-on-grade. Anticipated foundation loads and proposed grading have not been provided; however, we assume column and wall loads will not exceed 40 kips and 3.0 kips per foot, respectively. Additionally, we assume the finished floor elevation will be no more than about 1.5 feet above the existing surface grade.

The site was previously developed, but it appears former structures have been removed. Some asphalt pavement and minor utilities remain. A significant quantity of underground utilities, primarily telephone, water and sewer are present within the northwest portion of the site. Except for utilities the building and basin sites appear currently to be open and grassy, and the ground surface is approximately level. Toward the south end of the site the ground surface appears to slope gently to the south.

The purposes of our investigation were to determine the general subsurface conditions in the proposed improvement areas and to provide recommendations for design and construction of the foundations and basins.

We were provided a site plan indicating the proposed improvement areas, and desired test boring locations were indicated on the plan.

Site Investigation

The subsurface conditions were investigated by performing three Standard Penetration Test borings advanced to depths of 15 feet and by performing two flight-auger or hand-auger borings advanced to depths of 10 and 15 feet. Borings were performed at the approximate locations indicated on the attached Boring Location Plan. These locations were selected by others but were staked by Cal-Tech Testing, Inc. using the plan provided.

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

Flight-auger borings are performed by mechanically advancing a slender, solid-stem auger into the soil to the desired depth, by retracting the auger and by examining cuttings recovered on the auger flights. Samples are collected and are examined for soil type and color.

Hand-auger borings are performed by manually advancing a three-inch diameter, metal sleeve into the soil to recover samples from limited depths.

Findings

The soil borings generally encountered three soil strata. The first layer consists of about 2.5 feet of loose, tan, grayish tan or tannish gray sand with silt (SP/SM) or silty sand (SM). The N-values of this layer range from 4 to 7 blows per foot.

The second layer consists of 6.0 to 8.5 feet of loose to medium dense, light tan, light tan to white or white and orange sand (SP). The N- values of this layer range from 9 to 20 blows per foot.

The third layer consists of an undetermined thickness of medium dense, generally gray and orange or grayish brown, clayey sand (SC), sand with clay (SP/SC) or sand with traces of clay (SP).

Ground water was encountered at depths of 8.3 to 11.0 feet at the time of our investigation. We estimate the wet season water table will occur at a depth of about 6.0 feet below the existing surface grade.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs. Note specifically the transition between soil layers

may be gradual and not abrupt as indicated by the logs; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

From the results of our investigation, it is our opinion the building can be supported by the proposed conventional, shallow spread footings. We recommend these foundations be sized to exert a maximum soil bearing pressure of 3,000 pounds per square foot. Additionally, we recommend the foundations have minimum widths of 18 and 30 inches at wall and column locations, respectively, and the bottoms of foundations should be embedded a minimum of 16 inches below the finished surface grade. The site soils appear to be loose to a depth of only about 4.0 feet; therefore, only normal, good practice site preparation procedures should be required to prepare the site. These procedures include stripping of the site, excavation to establish bearing grades and proof-rolling and proof-compaction of the bearing soils.

Existing utilities should be removed and/or relocated as required. The site should then be stripped of grass, roots, topsoil and other deleterious materials. Excavation should then be performed as required to establish the proposed foundation and floor bottom grades. Clean, sandy soil should be stockpiled for later use as fill.

The subgrade should then be thoroughly proof-rolled with heavy rubber-tired equipment (a large, loaded, front-end loader, for example). Proof rolling helps to compact the bearing soils and to locate zones of especially loose or soft soil that may be present. Such zones should be undercut and back-filled or otherwise treated as directed by the geotechnical engineer.

Following proof-rolling of the site, the subgrade should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 2 feet in foundation areas and to a depth of 1 foot in floor slab areas.

Fill to raise the site can be placed as required following proof-rolling operations. Fill should consist of relatively clean, fine sand containing less than 10% passing the No. 200 sieve. Fill should be placed in maximum 12-inch, loose lifts, and each lift should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density. Foundation cuts may be placed in the compacted fill. Disturbed fill or natural soils should be recompacted prior to placement of the foundations or slabs.

Field density testing should be performed in the compacted subgrade, in each lift of fill, and in foundation excavations to verify the recommended compaction has been achieved.

Based upon the USDA Soil Survey of Columbia County, the proposed basin sites are located within the Blanton Fine Sand soil group. For this soil group the water table is reported to occur at a depth of 5 to 6 feet most of the year. In wet seasons a perched water table is above the subsoil (the clayey sands) for less than one month. Confining

soils were not encountered, and we believe the wet season water table will occur at a depth of about 6.0 feet.

Based upon our findings, we recommend you consider the following soil parameters for design of the basins:

1. Average depth of confining layer = N/A
2. Average Vertical Unsaturated Infiltration Rate = 19.0 feet/day
3. Average Horizontal Hydraulic Conductivity = 24.0 feet/day
4. Fillable Porosity = 30%
5. Average Depth of Seasonal High Water Table = 6.0 feet
6. Base elevation of effective aquifer = 15.0 feet below existing surface grade

Our recommendations are based upon our findings as described in this report; however, subsurface conditions may exist that were not encountered in the soil test borings. Cal-Tech Testing, Inc. should be notified immediately if different soil conditions are encountered during construction. It may be necessary to reevaluate this site and revise our recommendations.

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

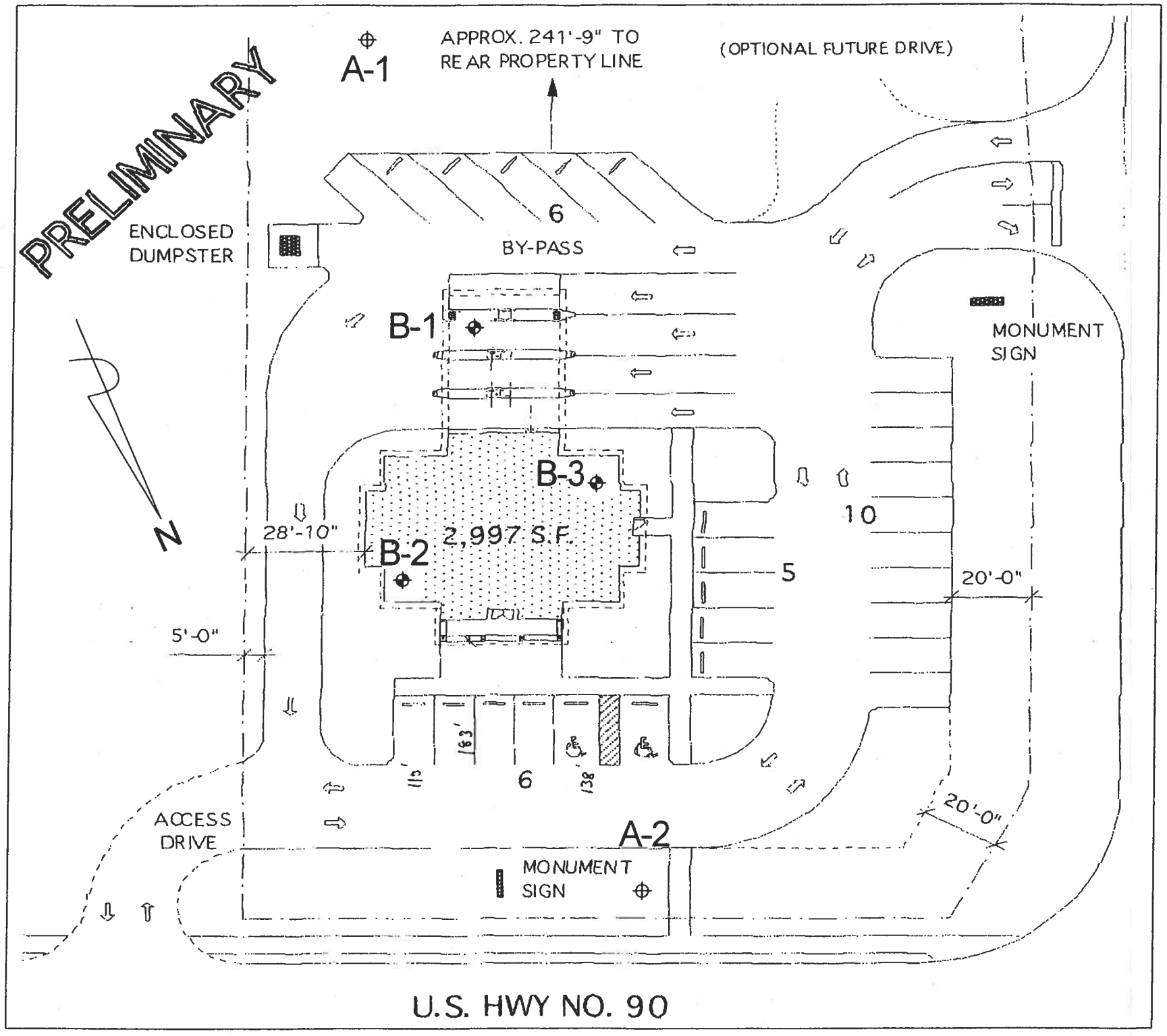
Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer
President / C.E.O.

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

4/26/06
5/2/06

CC: Causseaux & Ellington, Inc.
6011 N. W. 1st Place
Gainesville, Florida 32607



REVISIONS							NAMES	DATE
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DRAWN BY	S.C. Young	4/13/06
						CHECKED BY	J.C. Dorman	
						CHECKED BY		
						APPROVED BY	J.C. Dorman	
						CAL-TECH JOB NO.	06-222	

ENGINEER OF RECORD
CAL- TECH TESTING, INC.
P.O. BOX 1625
LAKE CITY, FL. 32056
PHONE NO. (386) 755-3633
FAX NO. (386) 752-5456

SEAL

JOHN C. DORMAN, JR.
P.E. 52612

PROPOSED PEOPLES STATE BANK

ROAD NO	COUNTY	FINANCIAL PROJECT I.D.
	COLUMBIA	

BORING LOCATION PLAN

SHEET NO.
1 of 2

B-1

Water Table: 8.9 ft.

Depth (ft)	N	Soil Description
0 ft		Greyish Tan, Silty Sand, Trace Organics (SM)
	7	Loose, Tan Sand with Silt, Trace Organics (SP/SM)
	10	Loose, Light Greyish Tan Sand (SP)
5 ft	19	Medium Dense, Light Grey to White Sand (SP)
	20	
	17	Medium Dense, Light Grey and Orange Sand (SP)
	13	Medium Dense, Light Tannish Grey and Orange, Slightly Clayey Sand (SC)
10 ft		
	11	Medium Dense, Greyish Brown Sand with Clay (SP/SC)
15 ft	TOB	

B-2

Water Table: 11.0 ft.

Depth (ft)	N	Soil Description
0 ft		Greyish Tan, Silty Sand, Trace Organics (SM)
	4	Loose, Tan Sand with Silt, Trace Organics (SP/SM)
	9	Loose, Light Tan Sand (SP)
5 ft	18	Medium Dense, Light Grey to White Sand (SP)
	17	
	13	Medium Dense, Light Tannish Grey and Orange Sand (SP)
	15	
10 ft		Medium Dense, Light Tannish Grey and Orange, Slightly Clayey Sand (SC)
15 ft	20	
	TOB	

B-3

Water Table: 10.4 ft.

Depth (ft)	N	Soil Description
0 ft		Greyish Tan, Silty Sand, Trace Organics (SM)
	6	Loose, Tan Sand with Silt, Trace Organics (SP/SM)
	10	Loose, Light Tan to White Sand (SP)
5 ft	18	Medium Dense, Light Tan to White and Orange Sand (SP)
	17	Medium Dense, White and Orange Sand (SP)
	13	Medium Dense, Light Tan to White and Orange Sand (SP)
	14	
10 ft		Medium Dense, Light Tan to White and Orange Sand with Clay (SP/SC)
	13	Medium Dense, Greyish Brown Sand, Trace Clay (SP)
15 ft	TOB	

A-1

Water Table: 8.3 ft.

Depth (ft)	Soil Description
0 ft	Tannish Grey, Silty Sand, Trace Organics (SM)
	Greyish Tan Sand with Silt (SP/SM)
5 ft	Light Tan to White Sand (SP) Kv = 19.2 ft./day @ 5.2 ft.
10 ft	
	Tannish Brown Sand with Clay (SP/SC)
15 ft	TOB

A-2

Water Table: N/A

Depth (ft)	Soil Description
0 ft	Light Tan Limerock
	Tan Sand (SP)
	Light Grey and Orange Sand (SP)
5 ft	White and Orange Sand (SP) Kv = 19.4 ft./day @ 5.1 ft.
	Light Greyish Tan and Orange Sand (SP)
10 ft	Light Tan and Light Grey Sand, Trace Clay (SP)
	TOB

ENGINEERING CLASSIFICATION

GRANULAR MATERIALS-

Relative Density	SPT (Blows/12 inches)
Very Loose	Less than 4
Loose	4-10
Medium Dense	11-30
Dense	31-50
Very Dense	Greater than 50

SILTS AND CLAYS-

Consistency	SPT (Blows/12 inches)
Very Soft	Less than 2
Soft	2-4
Medium Stiff	5-8
Stiff	9-15
Very Stiff	16-30
Hard	Greater than 30

LEGEND:

TOB	Termination of Boring
GSE	Ground Surface Elevation
$\underline{\nabla}$	Ground Water at Time of Drilling
$\underline{V}$	Wet Season Water Table
N	Standard Penetration Resistance in Blows Per 12 inches (18- inch Spoon, ASTM D-1586)
WOR	Weight of Rod
WOH	Weight of Hammer
MC	Moisture Content (%)
OC	Organic Content (%)
-200	Percent Passing No. 200 U.S. Standard Sieve
LL	Liquid Limit
PI	Plasticity Index
(SP)	Unified Soil Classification Based on Visual Observation and Laboratory Tests

SAND · SILTY SAND · SAND with SILT · CLAYEY SAND · SAND with CLAY · SANDY CLAY · CLAY · LIMESTONE · MARL · ORGANICS

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

	NAMES	DATE
DRAWN BY	S.C. Young	4/13/06
CHECKED BY	J.C. Dorman	
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JOHN C. DORMAN, JR.
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PROPOSED PEOPLES STATE BANK

ROAD NO.	COUNTY	FINANCIAL PROJECT I.D.
	COLUMBIA	

REPORT OF SOIL BORINGS

SHEET NO.
2 of 2