

This Permit Expires One Year From the Date of Issue

APPLICANTDONNY WILLIAMS

PHONE755-0764

ADDRESS541SW AIRPARK GLEN

LAKE CITYFL32025

OWNERRAYMOND LOGAN

PHONE961-9926

ADDRESS814SW STATE ROAD 247

LAKE CITYFL32025

CONTRACTORDONNY WILLIAMS

PHONE755-0764

LOCATION OF PROPERTY90 W, L 247, 1 MILE ON RIGHT AT EXISTNG MINI WAEHOUSE

SITE, LAST BUILDING ON LEFT

TYPE DEVELOPMENTBLDG 6, BUILDING

ESTIMATED COST OF CONSTRUCTION29400.00

HEATED FLOOR AREATOTAL AREA

HEIGHT12.00

STORIES1

FOUNDATIONWALLSMETAL

ROOF PITCH.5/12

FLOOR

LAND USE & ZONINGCI

MAX. HEIGHT35

Minimum Set Back Requirments:STREET-FRONT20.00

REAR15.00

SIDE5.00

NO. EX.D.U.0

FLOOD ZONEA

DEVELOPMENT PERMIT NO.

PARCEL ID01-4S-16-02690-001

SUBDIVISION

LOTBLOCKPHASEUNIT

TOTAL ACRES1.72

CGC004692

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTING DOTX06/0275

BK

JH

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: PERMIT 25013 SLAB ONLY, PLANS ARE IN PERMIT 25047 FOLDER

NOC ON FILE

Check # or Cash1229

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power

Foundation

Monolithic

date/app. by

date/app. by

date/app. by

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

date/app. by

date/app. by

Framing

Rough-in plumbing above slab and below wood floor

date/app. by

date/app. by

Electrical rough-in

Heat & Air Duct

Peri. beam (Lintel)

date/app. by

date/app. by

date/app. by

Permanent power

C.O. Final

Culvert

date/app. by

date/app. by

date/app. by

M/H tie downs, blocking, electricity and plumbing

Pool

date/app. by

Reconnection

Pump pole

Utility Pole

date/app. by

date/app. by

date/app. by

M/H Pole

Travel Trailer

Re-roof

date/app. by

date/app. by

date/app. by

BUILDING PERMIT FEE \$150.00

CERTIFICATION FEE \$0.00

SURCHARGE FEE \$0.00

MISC. FEES \$0.00

ZONING CERT. FEE \$

FIRE FEE \$0.00

WASTE FEE \$

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$

CULVERT FEE \$

TOTAL FEE150.00

INSPECTORS OFFICE

CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

THIS INSTRUMENT WAS PREPARED BY:

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

RETURN TO:

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

Inst:2006022948 Date:09/26/2006 Time:10:43
P. D DC, P. DeWitt Cason, Columbia County B:1097 P:258

PERMIT NO. _____

TAX FOLIO NOS.: 02688-000 & 02690-000

AMENDED NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

1. Description of property:

TOWNSHIP 4 SOUTH - RANGE 16 EAST

SECTION 1: COMMENCE at the Northwest Corner of the Southwest 1/4 of the Northwest 1/4 of Section 1, Township 4 South, Range 16 East, Columbia County, Florida, and run S 02°50'17"E along the West line of Section 1 a distance of 220.39 feet to the POINT OF BEGINNING; thence N 88°04'18"E 139.43 feet; thence S 49°36'30"E a distance of 742.88 feet; thence run S 38°38'45"W a distance of 93.92 feet; thence run N 49°36'30"W a distance of 848.84 feet to the POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

2. General description of improvement: Construction of mini warehouses.

3. Owner information:

a. Name and address: RAYMOND A. LOGAN, 535 NW Amanda Street, Lake City, Florida 32055.

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: DONNY WILLIAMS CONSTRUCTION, LLC, 541 SW Airpark Glen, Lake City, Florida 32025.

5. Surety

a. Name and address: None

6. Lender: FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West US Highway 90, Lake City, Florida 32055.

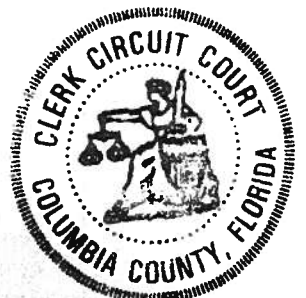
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West US Highway 90, Lake City, Florida 32055, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

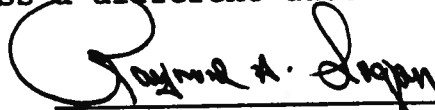
STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS

By Sharon Leach
Deputy Clerk

Date: 09-26-2006




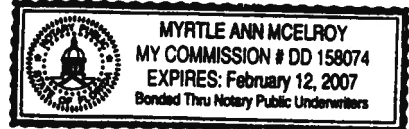
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).


Raymond A. Logan

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 26th day of September 2006, by RAYMOND A. LOGAN. He is personally known to me and did not take an oath.


Notary Public
My commission expires: _____



Inst:2006022948 Date:09/26/2006 Time:10:43
DC,P.Dewitt Cason,Columbia County B:1097 P:259

ck# 1229

Columbia County Building Permit Application

25047, 25048,
25049, 25050
25051, 25052

For Office Use Only Application # 0609- Date Received 9-28-06 By JH Permit # _____
 Application Approved by - Zoning Official BLK Date 10-03-06 Plans Examiner dcJTH Date 8-16-06
 Flood Zone X+A Development Permit NA Zoning CE Land Use Plan Map Category Commercial
 Comments SE 0438 All structures located outside of Zone A 1st floor
elevations to be as indicated on Grading Plan. Elevation letter required
see slab permits for these elevations.

Applicants Name Donny Williams Construction LLC Phone 386-⁶²³255-2484
 Address 541 SW Airport Glen Lake City, FL 32025
 Owners Name Raymond A Logan Phone _____
 911 Address 814 SW State Road #247, Lake City, FL 32025
 Contractors Name Donny Williams Construction Phone 386-623-2484
 Address 541 SW Airport Glen Lake City, FL 32025
 Fee Simple Owner Name & Address Raymond A Logan
 Bonding Co. Name & Address NA
 Architect/Engineer Name & Address Chandler P. Nangia 7423 Hollow Ridge Dr, Huston, TX 75754
 Mortgage Lenders Name & Address NA

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 01-45-16E-02690-001 Estimated Cost of Construction \$271,320.02
 Subdivision Name NA Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions On the right 1 mile south of US #90 on SR #247

Type of Construction Metal/Storage Bld Number of Existing Dwellings on Property 0
 Total Acreage 1.72 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 20 Side 5=0 Side N=5 Rear 15
 Total Building Height 12' Number of Stories 1 Heated Floor Area Total = 271320 Roof Pitch 1/2" to 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 COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Donny Williams
 Owner Builder or Agent (Including Contractor)

Donny Williams
 Contractor Signature
 Contractors License Number CGC 004692
 Competency Card Number _____
 NOTARY STAMP/SEAL

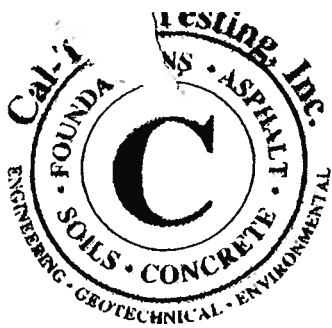
STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 28 day of September



Personally known ✓ or Produced Identification _____

Laurie Hodson
 Notary Signature



Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056

4784 Rosselle Street • Jacksonville, FL 32254

2230 Greensboro Highway • Quincy, FL 32351

Tel. (386) 755-3633 • Fax (386) 752-5456

Tel. (904) 381-8901 • Fax (904) 381-8902

Tel. (850) 442-3495 • Fax (850) 442-4008

August 1, 2006

Revised: August 15, 2006

Raymond Logan
814 S. W. S. R. 247
Lake City, Florida 32025

Reference: Subsurface Investigation
Roberts Property, S. R. 247
Columbia County, Florida
Cal-Tech Project No. 05-674

Dear Mr. Logan,

Cal-Tech Testing, Inc. has performed nine soil borings at the referenced site in Columbia County, Florida. Three of those borings fall within a parcel having lateral dimensions of approximately 94 feet by 800 feet situated parallel to the southwesterly property line. The borings within this parcel are identified as borings B-4, B-5 and B-7 on the attached Boring Location Plan, and boring logs for these three borings are attached.

The purposes of our investigation were to evaluate the subsurface conditions in the area defined by the borings and to provide our opinion as to the suitability of the site soils for construction of proposed warehouse buildings. Support for these buildings is to be provided by monolithic foundations for which the foundations are to be located near the existing surface grade.

Findings

The soil borings generally encountered three soil strata. The first layer consists of about 1 foot of silty sand (SM) and sand with silt (SP/SM). N-values of this layer were not determined. The second layer consists of about 1.5 feet of loose, clayey sand (SC). The third layer consists of an undetermined thickness of generally medium dense to dense sands (SP), sand with clay (SP/SC) and clayey sands (SC). These soils have N-values ranging from 9 to 39 blows per foot. Ground water was between the ground surface and a depth of about 1 foot.

Discussion and Recommendations

Based upon our findings it is our opinion the site soils in the area of investigation are suitable to provide support for the proposed structures. We recommend however that the existing surface soils to a depth of about 1 foot be stripped from the site. The

subgrade should then be excavated as required to establish the appropriate bearing grades. The subgrade should then be proof-rolled using heavy, rubber-tired equipment and proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 1 foot below the bottoms of foundations and slabs.

Fill materials may be placed as required. 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.

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

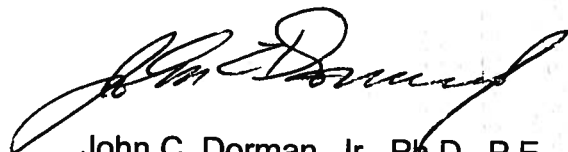
We have performed a bearing capacity evaluation for the site soils and have assumed a monolithic foundation with a bottom width of 18 inches and a thickness of 24 inches. Embedment is to be a minimum of 18 inches. For this foundation and the site soils as encountered, we obtained an allowable bearing pressure of 1,500 pounds per square foot with a minimum factor of safety of 1.8 against a bearing capacity failure. It is therefore our opinion the site soils are suitable for the proposed foundations and an allowable bearing pressure of 1,500 pounds per square foot.

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 if you have questions or if we may be of further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.



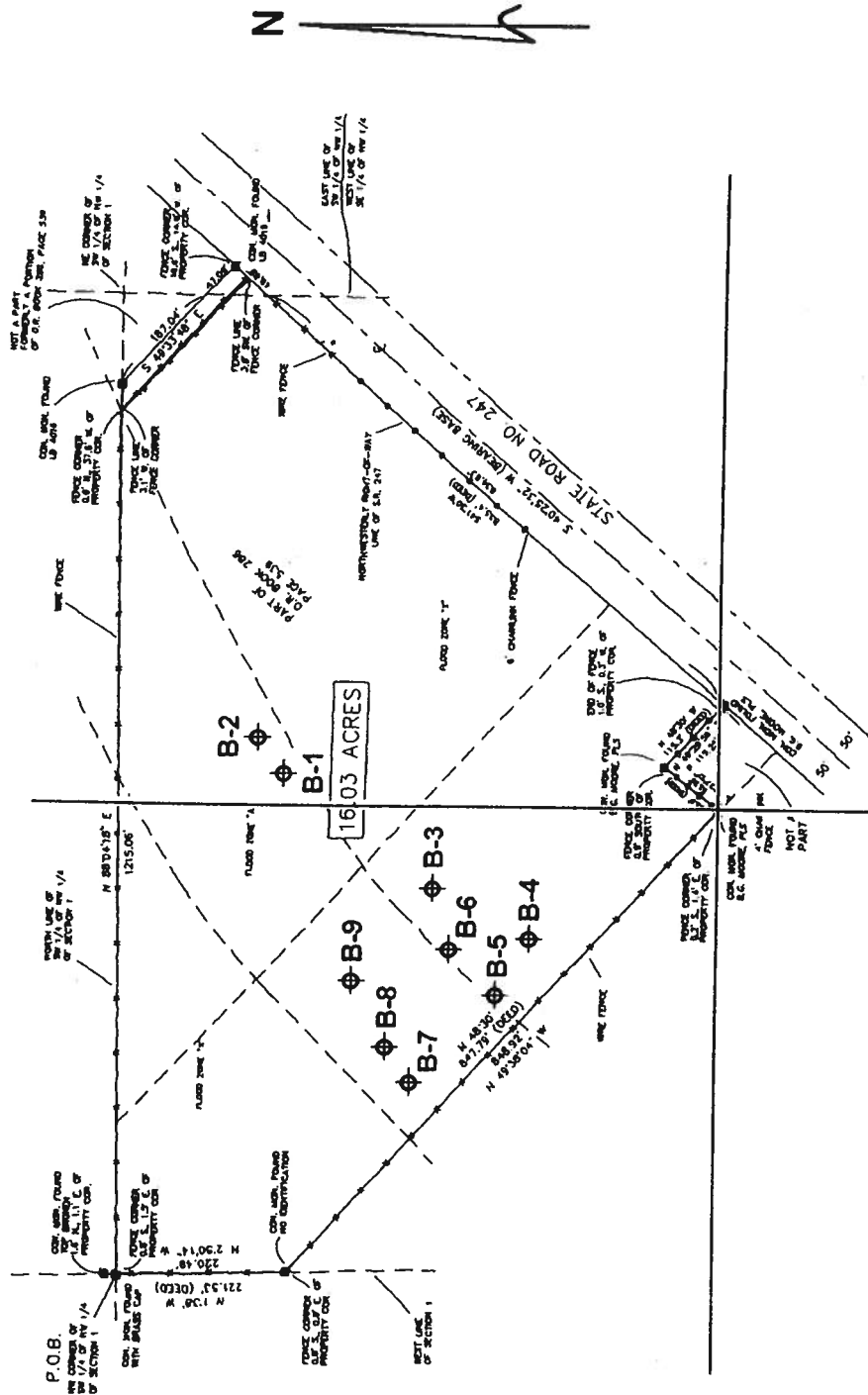
Linda Creamer
President / CEO



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

8/15/06
52612

B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9
30° 10.387' N	30° 10.394' N	30° 10.355' N	30° 10.334' N	30° 10.340' N	30° 10.351' N	30° 10.360' N	30° 10.365' N	30° 10.373' N
82° 40.485' W	82° 40.476' W	82° 40.515' W	82° 40.528' W	82° 40.543' W	82° 40.531' W	82° 40.565' W	82° 40.556' W	82° 40.540' W



**Boring Location Plan: Roberts Property
Lake City, Florida**

B-4

Water Table: 1.0 ft.

Depth (ft)	N-value	Soil Description
0		Light Grey to Grey, Silty Sand with Organics, Trace Clay (SM)
7		Loose, Greyish Tan and Orange, Clayey Sand (SC)
9		Loose, Light Tannish Grey and Orange, Very Clayey Sand (SC)
5	21	Medium Dense, Light Tannish Grey and Orange, Clayey Sand (SC)
	24	Medium Dense, Light Grey and Orange, Clayey Sand (SC)
	27	
10	26	Very Stiff, Light Grey, Orange and Red, Very Sandy Clay (CL)

B-5

Water Table: 0.0 ft.

Depth (ft)	N-value	Soil Description
0		Grey, Silty Sand with Organics (SM)
8		Loose, Light Tannish Grey, Clayey Sand (SC)
10		Loose to Medium Dense, Tannish Grey, Slightly Clayey Sand (SC)
5	16	
	25	Medium Dense, Light Tannish Grey Sand with Clay (SP/SC)
	30	Medium Dense, Tannish Grey Sand, Trace Clay (SP)
10	38	Dense, Light Tannish Grey, Slightly Clayey Sand (SC)

B-7

Water Table: 0.0 ft.

Depth (ft)	N-value	Soil Description
0		Tannish Grey Sand with Silt, Trace Organics (SP/SM)
14		Medium Dense, Grey Sand with Silt and Organics, Trace Clay (SP/SC)
21		Medium Dense, Grey and Light Tan Sand, Trace Clay and Organics (SP)
5	24	Medium Dense to Dense, Light Greyish Tan Sand, Trace Clay (SP)
	39	
	37	Dense, Light Tannish Grey and Orange Sand (SP)
10	37	Dense, Light Grey and Light Tan Sand (SP)

**Boring Logs: Roberts Property
Lake City, Florida**



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

August 1, 2006

Raymond Logan
814 S. W. S. R. 247
Lake City, Florida 32025

Reference: Subsurface Investigation
Roberts Property
S. R. 247
Columbia County, Florida
Cal-Tech Project No. 05-674

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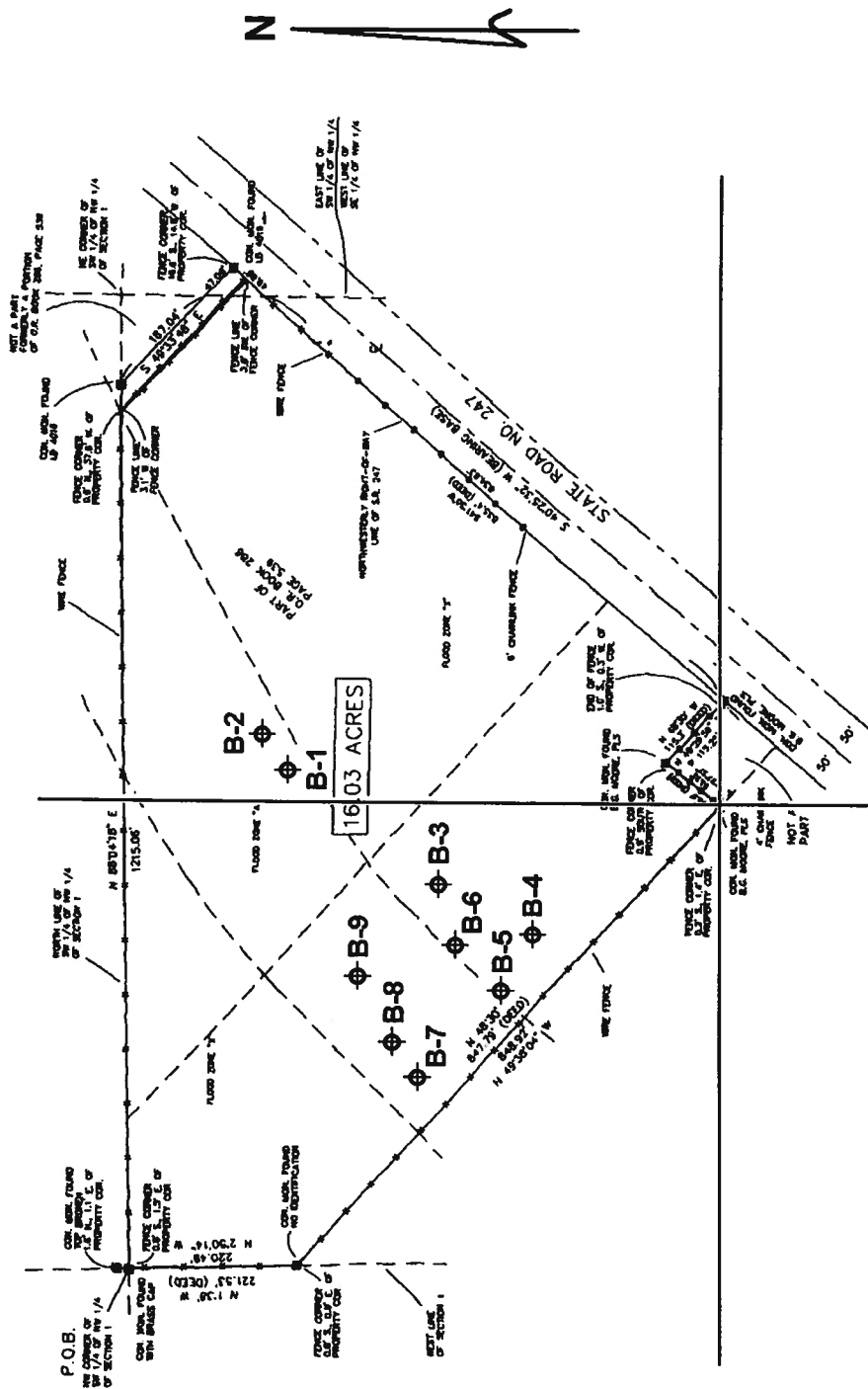
Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer
President / CEO

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

8/1/06
52612

B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9
30° 10.387' N	30° 10.394' N	30° 10.355' N	30° 10.334' N	30° 10.340' N	30° 10.351' N	30° 10.360' N	30° 10.365' N	30° 10.373' N
82° 40.485' W	82° 40.476' W	82° 40.515' W	82° 40.528' W	82° 40.543' W	82° 40.531' W	82° 40.565' W	82° 40.556' W	82° 40.540' W



**Boring Location Plan: Roberts Property
Lake City, Florida**

B-4

Water Table: 1.0 ft.

Depth (ft)	N-value	Soil Description
0		Light Grey to Grey, Silty Sand with Organics, Trace Clay (SM)
7		Loose, Greyish Tan and Orange, Clayey Sand (SC)
9		Loose, Light Tannish Grey and Orange, Very Clayey Sand (SC)
21		Medium Dense, Light Tannish Grey and Orange, Clayey Sand (SC)
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27		
26		Very Stiff, Light Grey, Orange and Red, Very Sandy Clay (CL)

B-5

Water Table: 0.0 ft.

Depth (ft)	N-value	Soil Description
0		Grey, Silty Sand with Organics (SM)
8		Loose, Light Tannish Grey, Clayey Sand (SC)
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16		
25		Medium Dense, Light Tannish Grey Sand with Clay (SP/SC)
30		Medium Dense, Tannish Grey Sand, Trace Clay (SP)
38		Dense, Light Tannish Grey, Slightly Clayey Sand (SC)

B-7

Water Table: 0.0 ft.

Depth (ft)	N-value	Soil Description
0		Tannish Grey Sand with Silt, Trace Organics (SP/SM)
14		Medium Dense, Grey Sand with Silt and Organics, Trace Clay (SP/SC)
21		Medium Dense, Grey and Light Tan Sand, Trace Clay and Organics (SP)
24		Medium Dense to Dense, Light Greyish Tan Sand, Trace Clay (SP)
39		
37		Dense, Light Tannish Grey and Orange Sand (SP)
37		Dense, Light Grey and Light Tan Sand (SP)

**Boring Logs: Roberts Property
Lake City, Florida**

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

EnergyGauge FlaCom v 2.11 FORM 400A-2004
Whole Building Performance Method for Commercial Buildings

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

Short Desc: Logan

Project: Logan Mini Storage of Lake City

Owner: Raymond Logan

Address:

City: Lake City

State: FL

Zip: 0

PermitNo: 0

Storeys: 1

Type: Warehouse

Class: New Finished building

***Conditioned Area:** 2700

***Cond + UnCond Area:** 2700

* denotes lighted
area. Does not include
wall crosection areas

Max Tonnage: 0.0 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	391.42	769.03	PASSES
LIGHTING CONTROLS			PASSES
EXTERNAL LIGHTING			None Entered
HVAC SYSTEM			PASSES
PLANT			None Entered
WATER HEATING SYSTEMS			None Entered
PIPING SYSTEMS			None Entered
Met all required compliance from Check List?			Yes/No/NA

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

COMPLIANCE CERTIFICATION:

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

PREPARED BY: Gary Gill

DATE: 9/27/06

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

OWNER AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

**REGISTRATION
No.**

ARCHITECT : _____

ELECTRICAL SYSTEM DESIGNER: _____

LIGHTING SYSTEM DESIGNER: _____

MECHANICAL SYSTEM DESIGNER: _____

PLUMBING SYSTEM DESIGNER: _____

GARY GILL 51942

(*) 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.

6/27/06

Project: Logan
Title: Logan Mini Storage of Lake City
Type: Warehouse
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	52.67	100.00
	\$391.42	\$769.03
ELECTRICITY(MBtu/kWh/\$)	52.67	100.00
	8,104.00	15,350.00
	\$391.42	\$769.03
AREA LIGHTS	1.53	43.13
	245.00	6,615.00
	\$11.83	\$331.41
MISC EQUIPMT	5.15	5.15
	791.00	791.00
	\$38.21	\$39.63
PUMPS & MISC	0.38	0.38
	59.00	59.00
	\$2.85	\$2.96
SPACE COOL	2.00	2.00
	\$0.10	\$0.10
VENT FANS	45.61	51.34
	7,007.00	7,883.00
	\$338.44	\$394.94

Credits & Penalties (if any): Modified Points: = 52.68

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: Logan
Title: Logan Mini Storage of Lake City
Type: Warehouse
(WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compliance
100	3	Storage & Warehouse - Bulky Active Storage	2,700	1	2	2	PASSES
PASSES							

Project: Logan
Title: Logan Mini Storage of Lake City
Type: Warehouse
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1	System 1	Constant Volume Air Cooled Split System < 65000 Btu/hr					No. of Units
							1
Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		10.00	10.00	8.00		PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
PASSES							

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance
None								

Water Heater Compliance							
Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
							None

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: Logan
Title: Logan Mini Storage of Lake City
Type: Warehouse
(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	<input type="checkbox"/>
System	407.1	HVAC Load sizing has been performed	<input type="checkbox"/>
Ventilation	409.1	Ventilation criteria have been met	<input type="checkbox"/>
ADS	410.1	Duct sizing and Design have been performed	<input type="checkbox"/>
T & B	410.1	Testing and Balancing will be performed	<input type="checkbox"/>
Motors	414.1	Motor efficiency criteria have been met	<input type="checkbox"/>
Lighting	415.1	Lighting criteria have been met	<input type="checkbox"/>
O & M	102.1	Operation/maintenance manual will be provided to owner	<input type="checkbox"/>
Roof/Ceil	404.1	R-19 for Roof Deck with supply plenums beneath it	<input type="checkbox"/>
Report	101	Input Report Print-Out from EnergyGauge FlaCom attached?	<input type="checkbox"/>

EnergyGauge FlaCom v 2.11
INPUT DATA REPORT

Project Information

Project Name: Logan
Project Title: Logan Mini Storage of Lake City
Address:
State: FL
Zip: 0
Owner: Raymond Logan
Orientation: North
Building Type: Warehouse
Building Classification: New Finished building
No.of Storeys: 1
GrossArea: 2700

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]
1	Pr0Zo1	Zone 1	CONDITIONED	2700.0	1	2700.0

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multi plier	Total Area [sf]	Total Volume [cf]
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In Zone: Pr0Zo1		Storage & Warehouse - Bulky Active Storage						
1	100	Zone 100	90.00	30.00	9.00	1	2700.0	24300.0 <input type="checkbox"/>

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire [W]	Power [W]	Control Type	No. of Ctrl pts
In Zone: Pr0Zo1							
In Space: 100							
1	Compact Fluorescent	General Lighting	1	80	80	Manual On/Off	2 <input type="checkbox"/>

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.s.f.F/Btu]
In Zone: Pr0Zo1											
1	Pr0Zo1Wal	Metal siding/R11 Batt/0.5" Gyp	30.00	9.00	1	270.0	North	0.0957	0.7570	16.80	10.45 <input type="checkbox"/>
2	Pr0Zo1Wa2	Metal siding/R11 Batt/0.5" Gyp	90.00	9.00	1	810.0	West	0.0957	0.7570	16.80	10.45 <input type="checkbox"/>
3	Pr0Zo1Wa3	Metal siding/R11 Batt/0.5" Gyp	30.00	9.00	1	270.0	South	0.0957	0.7570	16.80	10.45 <input type="checkbox"/>
4	Pr0Zo1Wa4	Metal siding/R11 Batt/0.5" Gyp	90.00	9.00	1	810.0	East	0.0957	0.7570	16.80	10.45 <input type="checkbox"/>

Windows

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

In Wall: ☐

Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. Heat Cap. [Btu/sf. F]	R-Value [h.s.f.F/Btu]
In Zone: Pr0Zo1										
In Wall: Pr0Zo1Wal										
1	Pr0Zo1WalDr1	Aluminum door, 1.25 in. polystyrene	No	3.00	7.00	1	21.0	0.1919	43.67	5.21
In Wall: Pr0Zo1Wal3										
1	Pr0Zo1WalDr1	Aluminum door, 1.25 in. polystyrene	No	3.00	7.00	1	21.0	0.1919	43.67	5.21

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap Dens. [Btu/sf. F]	R-Value [h.s.f.F/Btu]
In Zone: Pr0Zo1										
1	Pr0Zo1Rf1	Mtl Bldg Roof/R-11 Batt	30.00	90.00	1	2700.0	0.00	0.0967	0.87	10.34

Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier [Sf]	Area [Sf]	Total Area [Sf]
In Zone: <input type="checkbox"/>										
In Roof: <input type="checkbox"/>										

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. Dens. [Btu/sf. F]	R-Value [h.s.f.F/Btu]
In Zone: Pr0Zo1									
1	Pr0Zo1FI1	Concrete floor, carpet and rubber pad	30.00	90.00	1	2700.0	0.5987	9.33	140.00
									1.67

Systems

Pr0Sy1		System 1	Constant Volume Air Cooled Split System < 65000 Btu/hr		No. Of Units	1
Component	Category	Capacity	Efficiency	IPLV		
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	24.00	10.00	8.00		<input type="checkbox"/>
2	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	1000.00	0.80			<input type="checkbox"/>

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV
					<input type="checkbox"/>

Water Heaters

W-Heater Description	Capacit Cap.Unit	I/P Rt.	Efficienc	Loss
				<input type="checkbox"/>

Ext-Lighting						
Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>						

Piping						
No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>						

Fenestration Used					
Name	Glass Type	No. of Panels	Glass Conductance [Btu/h.sf.F]	SHGC	VLT
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>					

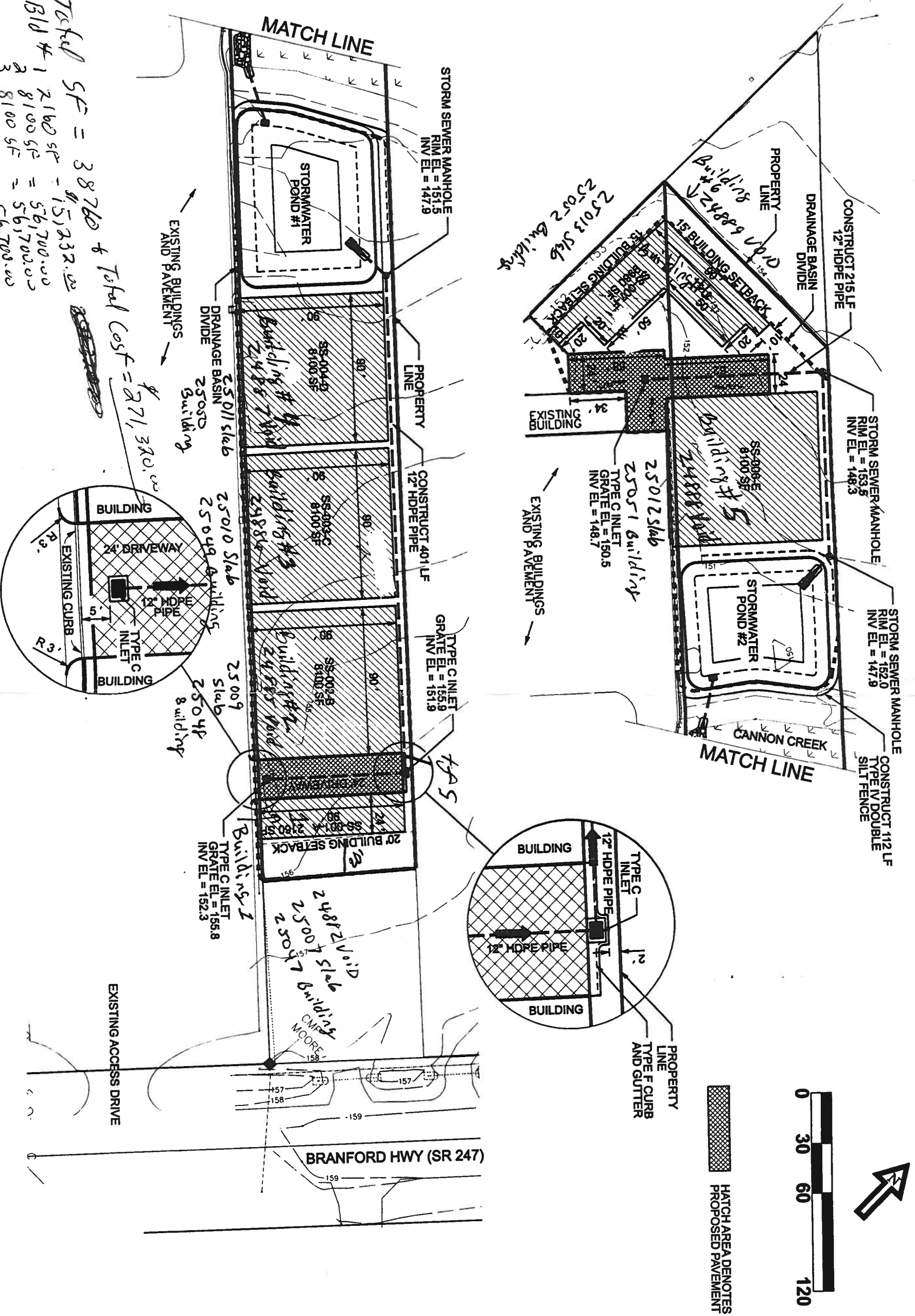
Materials Used								
Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]
264	Mat264	ALUMINUM, 1/16 IN	No	0.0002	0.0050	26.0000	480.00	0.1000
214	Mat214	POLYSTYRENE, EXP., 1-1/4IN,	No	5.2100	0.1042	0.0200	1.80	0.2900
187	Mat187	GYP OR PLAS BOARD, 1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000

151	Mat151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000	<input type="checkbox"/>
178	Mat178	CARPET W/RUBBER PAD	Yes	1.2300					<input type="checkbox"/>
12	Mat12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	0.2000	<input type="checkbox"/>
4	Mat4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000	<input type="checkbox"/>
94	Mat94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500	<input type="checkbox"/>

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]
1002	Aluminum door, 1.25 in. polystyrene	No	No	0.19	0.53	43.67	5.2104
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	264	ALUMINUM, 1/16 IN	0.0050	0.00			<input type="checkbox"/>
2	214	POLYSTYRENE, EXP., 1-1/4IN,	0.1042	0.00			<input type="checkbox"/>
3	264	ALUMINUM, 1/16 IN	0.0050	0.00			<input type="checkbox"/>
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			<input type="checkbox"/>
2	178	CARPET W/RUBBER PAD		0.00			<input type="checkbox"/>

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1020	Metal siding/R11 Batt/0.5"Gyp	No	No	0.10	0.76	16.80	10.4535 <input type="checkbox"/>
	Layer	Material No.	Material	Thickness [ft]	Framing Factor		
	1	4	Steel siding	0.0050	0.00		<input type="checkbox"/>
	2	12	3 in. Insulation	0.2500	0.00		<input type="checkbox"/>
	3	187	GYP OR PLAS BOARD, 1/2IN	0.0417	0.00		<input type="checkbox"/>
No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1046	Mtl Bldg Roof/R-11 Batt	No	No	0.10	0.87	9.57	10.3366 <input type="checkbox"/>
	Layer	Material No.	Material	Thickness [ft]	Framing Factor		
	1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.00		<input type="checkbox"/>
	2	12	3 in. Insulation	0.2500	0.00		<input type="checkbox"/>



DATE	REVISION NOTES

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SITE PLAN

PROJECT NUMBER
PF05-338

SHEET

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