

TE 08/05/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023467

APPLICANT	ANGELA DEANS	PHONE	935-0292
ADDRESS	7151 290TH STREET	BRANFORD	FL 32008
OWNER	THERESA PATTERSON	PHONE	755-6781
ADDRESS	747 NW BRADY CIRCLE	LAKE CITY	FL 32055
CONTRACTOR	J. DEAN CONSTRUCTION	PHONE	935-0292
LOCATION OF PROPERTY	90W,TR RIDGEWOOD AVE,TL ASHLEY,TR LOWLAND,TL LABONTE, GOES INTO MAITLAND, TL BRADY,TR BRADY,TOP OF HILL,CORNER ON LEFT		
TYPE DEVELOPMENT	SFD,UTILITY	ESTIMATED COST OF CONSTRUCTION	64100.00
HEATED FLOOR AREA	1282.00	TOTAL AREA	1643.00
		HEIGHT	.00
		STORIES	1
FOUNDATION	CONC	WALLS	FRAMED
		ROOF PITCH	6/12
		FLOOR	SLAB
LAND USE & ZONING	RSF-2	MAX. HEIGHT	8
Minimum Set Back Requirments:	STREET-FRONT	25.00	REAR 15.00
		SIDE	10.00
NO. EX.D.U.	0	FLOOD ZONE	X PS
		DEVELOPMENT PERMIT NO.	

PARCEL ID	25-3S-16-02298-006	SUBDIVISION	BRADY PARK
LOT	15	BLOCK	
		PHASE	
		UNIT	
		TOTAL ACRES	.48

000000767		CRC0132655	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
CULVERT	05-0680-N	BK	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance
			New Resident

COMMENTS: FLOOR HEIGHT LETTER RECEIVED,1ST FLOOR TO BE 166 FT,ELEVATION LETTER REQUIRED BEFORE SLAB

NOC ON FILE

Check # or Cash 1352

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power	Foundation	Monolithic
date/app. by	date/app. by	date/app. by
Under slab rough-in plumbing	Slab	Sheathing/Nailing
date/app. by	date/app. by	date/app. by
Framing	Rough-in plumbing above slab and below wood floor	
date/app. by		date/app. by
Electrical rough-in	Heat & Air Duct	Peri. beam (Lintel)
date/app. by	date/app. by	date/app. by
Permanent power	C.O. Final	Culvert
date/app. by	date/app. by	date/app. by
M/H tie downs, blocking, electricity and plumbing		Pool
	date/app. by	date/app. by
Reconnection	Pump pole	Utility Pole
date/app. by	date/app. by	date/app. by
M/H Pole	Travel Trailer	Re-roof
date/app. by	date/app. by	date/app. by

BUILDING PERMIT FEE \$	325.00	CERTIFICATION FEE \$	8.21	SURCHARGE FEE \$	8.21
MISC. FEES \$.00	ZONING CERT. FEE \$	50.00	FIRE FEE \$	
		WASTE FEE \$			
FLOOD ZONE DEVELOPMENT FEE \$		CULVERT FEE \$		TOTAL FEE	391.42
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 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 # 0507.37 Date Received 7/13/05 By G Permit # 23467/767
 Application Approved by - Zoning Official BLK Date 03.08.02 Plans Examiner OKJTH Date 7-19-05
 Flood Zone X per survey Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Dev.
 Comments 1st Floor to be a 16600 St Elevation letter Required

Applicants Name J. Deans Construction Inc. Phone 386-935-0292
 Address 7151 290th Street Branford FL 32008
 Owners Name Theresa Patterson Phone 386-755-6781
 911 Address 747 NW Brady Circle Lake City FL 32055
 Contractors Name J. Deans Construction Inc. Phone 386-935-0292
 Address 7151 290th Street Branford FL 32008
 Fee Simple Owner Name & Address Steve and Theresa Patterson
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address J. Deans Construction Inc.
 Mortgage Lenders Name & Address First Federal Savings Bank of Florida
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 25-3S-16-02298-006 Estimated Cost of Construction \$80,000.00
 Subdivision Name Brady Park Lot 15 Block Unit Phase
 Driving Directions Go W, TR on Ridgewood Ave, TL on Ashley, TR on Cowland, TL LaBonte, goes into Maitland Terr, TL on Brady, TR on Brady, corner lot on left.
 Type of Construction Frame/Residential Number of Existing Dwellings on Property 1
 Total Acreage .48 Lot Size 13566X 15659 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 25 Side 20 30 Side 15 10 Rear 15 96
 Total Building Height 8 feet Number of Stories 1 Heated Floor Area 1282 Roof Pitch 6/12
Porch 57 Garage 304 TOTAL = 1643

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

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA



Sworn to (or affirmed) and subscribed before me

this 12th day of July 2005

Personally known or Produced Identification X

A. MICHELLE SALTER Contractor Signature

Notary Public, State of Florida Contractors License Number

My comm. expires July 15, 2006 Competency Card Number

Comm. No. 00129450

NOTARY STAMP/SEAL

A. MICHELLE SALTER

Notary Signature

A. MICHELLE SALTER

Theresa (Teri) and Steve Patterson

747 NW Brady Circle
Lake City, FL 32055

Lot 15, Brady Circle

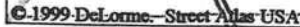
Driving Directions:

Hwy 90 turn onto Ridgewood Ave. – this is at the red light in between ABC Liquors and Costa Del Sol Mexican restaurant across the street from Hopkins Cadillac Nissan dealership

On Ridgewood after the mobile home park at the curb turn left to stay on Ridgewood Ave. Ridgewood ends at the stop sign at Ashley Street

Turn left on Ashley Street Ashley Street will dead end at the dead end sign Turn right on NW Lowland Ter Lowland ends at Labonte Ln (Labonte is the road that the kindergarten center was on) Turn left on Labonte Ln At the curb to the right, Labonte turns into Maitland Ter. Take the next left onto NW Brady Cr On Brady Cr at the stop sign turn right Lot 15 is at the top of the hill, corner lot on the left

Driving Directions.





July 12, 2005

To: Columbia County Building Dept.

I, Jonathan G. Deans, president of J. Deans Construction, Inc. authorize my spouse and co-owner of J. Deans Construction, Inc. to pull permits and to perform any and all related duties necessary to pull permits for J. Deans Construction, Inc.

Angela Deans

This authorization is to be permanent and include all future permits.

Sincerely,

Jonathan G. Deans

The foregoing instrument acknowledged before me this 12th day of July, 2005, by Jonathan G. Deans as President of J. Deans Construction Inc, who produced a FL drivers license as identification.



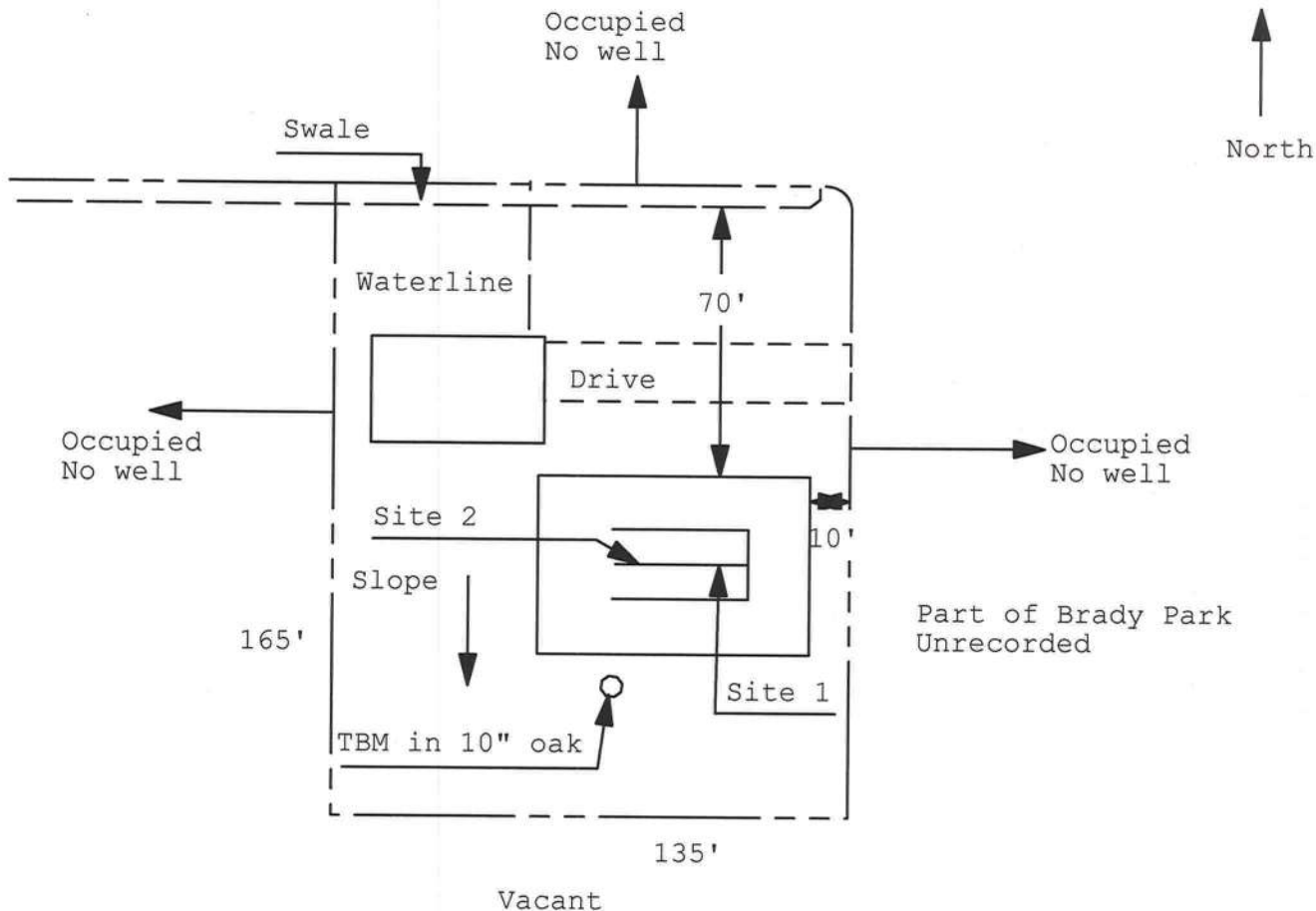
A. MICHELLE SALTER
Notary Public, State of Florida
My comm. expires July 15, 2006
Comm. No. DD 129450

Notary Signature
A. MICHELLE SALTER

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0680N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PATTERSON/CR 04-2836

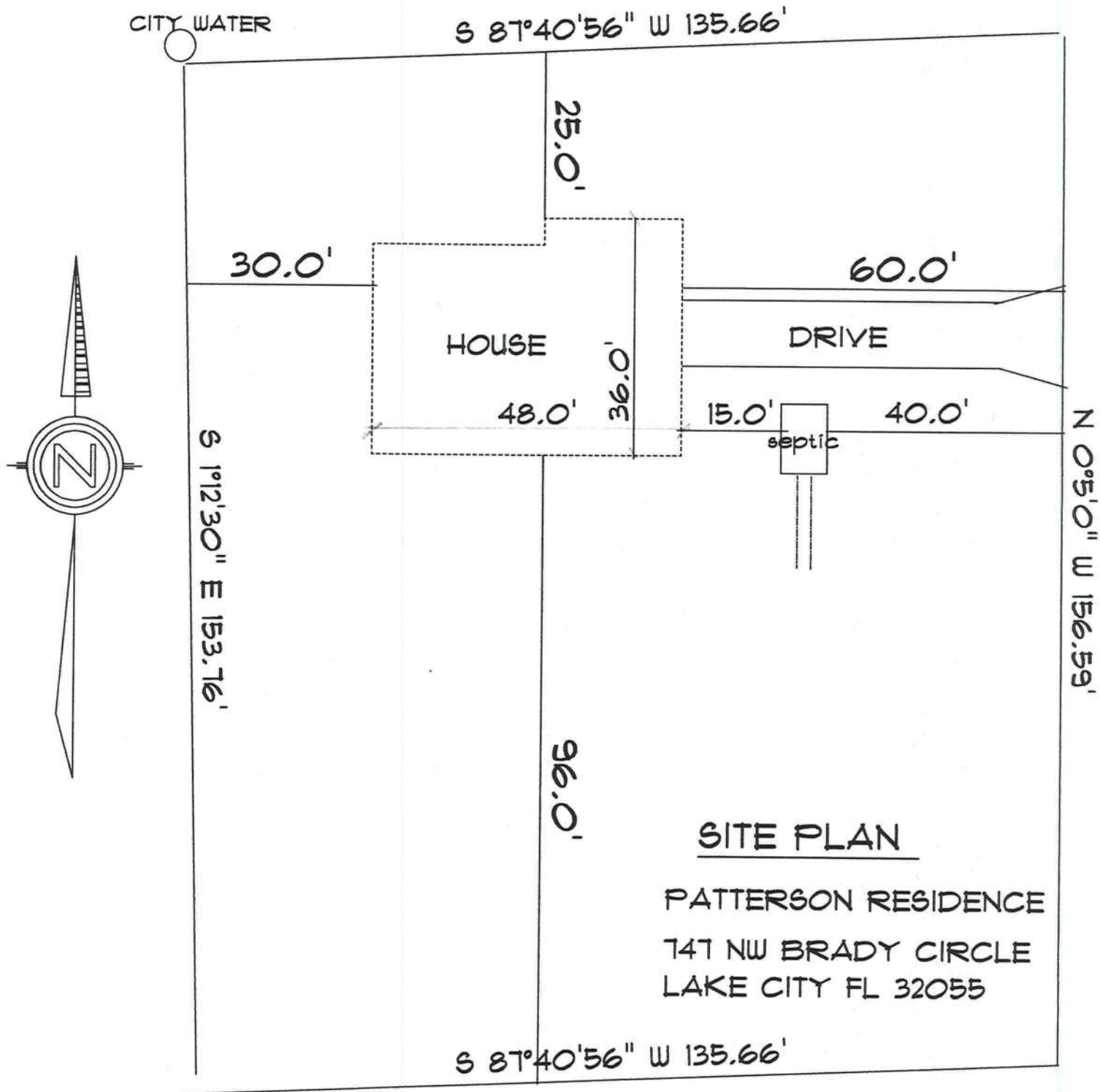


1 inch = 50 feet

Site Plan Submitted By Paul L. Lyle Date 5/19/05
Plan Approved ☒ Not Approved ☐ Date 7-1-05
By Mr. A. Lantz Columbia's CPHU

Notes: _____

NW BRADY CIRCLE



BOUNDARY SURVEY IN SECTION 25, TOWNSHIP 3 SOUTH
RANGE 16 EAST,
COLUMBIA COUNTY, FLORIDA.

NOTE: ALL PROPERTY CORNERS LOCATED HAD NO IDENTIFICATION.

- SYMBOLS LEGEND
- 4"x4" CONCRETE MONUMENT FOUND
 - 4"x4" CONCRETE MONUMENT SET
 - IRON PIPE FOUND
 - IRON PIN AND CAP SET
 - POWER POLE
 - WATER METER
 - CENTERLINE
 - WELL
 - SATELLITE DISH
 - TELEPHONE BOX
 - ELECTRIC LINES
 - WIRE FENCE
 - CHAIN LINK FENCE
 - WOODEN FENCE

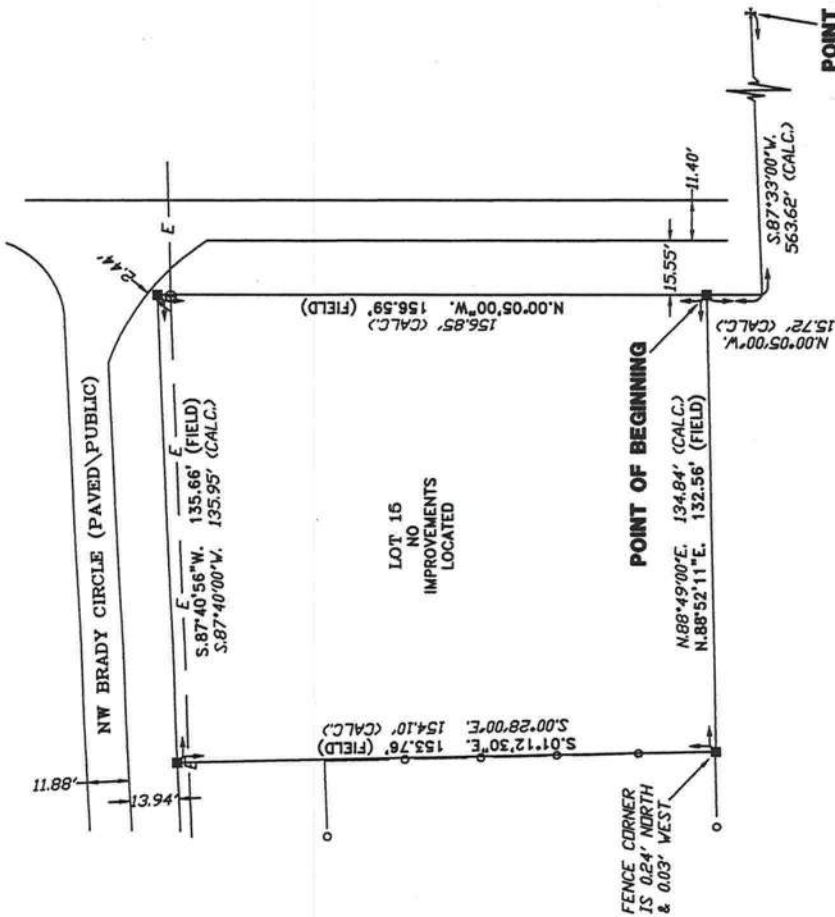


SCALE: 1" = 40'

DESCRIPTION: COMMENCE AT THE NE CORNER OF THE SW 1/4 OF THE SE 1/4 OF SECTION 25, TOWNSHIP 3 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, AND RUN S.87°33'00"W., ALONG THE NORTH LINE OF THE SW 1/4 OF THE SE 1/4, A DISTANCE OF 563.62 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF SW BRADY CIRCLE, THENCE N.00°05'00"W., ALONG SAID RIGHT-OF-WAY LINE, 15.72 FEET TO THE POINT OF BEGINNING, THENCE CONTINUE N.00°05'00"W., ALONG SAID RIGHT-OF-WAY LINE, 156.85 FEET, THENCE S.87°40'00"W., STILL ALONG SAID RIGHT-OF-WAY LINE, 135.95 FEET, THENCE S.00°28'00"E., 154.10 FEET, THENCE N.88°49'00"E., 134.84 FEET TO THE POINT OF BEGINNING, CONTAINING 0.48 ACRES, MORE OR LESS.

ALSO KNOWN AS LOT 15, BRADY PARK AN UNRECORDED SUBDIVISION.

- SURVEYOR'S NOTES:
- BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF AN UNRECORDED PLAT.
 - BEARINGS ARE BASED ON AN UNRECORDED PLAT.
 - THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
 - IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
 - THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.



CERTIFIED TO:
THERESA PATTERSON
FIRST FEDERAL SAVINGS BANK
FIRST FEDERAL SAVINGS BANK OF FLORIDA
ATTORNEYS' TITLE INSURANCE FUND, INC.
OLD REPUBLIC NATIONAL TITLE INSURANCE FUND, INC.
FIRST AMERICAN TITLE INSURANCE COMPANY

FIELD BOOK: 278 PAGE(S): 19

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 60D-7-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 600.01, FLORIDA STATUTES.

FIELD SURVEY DATE: 06/03/05
DRAWING DATE: 06/08/05
DRAWING BY: [Signature]
CERTIFICATION # 5757

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

BRITT SURVEYING
LAND SURVEYORS AND MAPPERS
830 WEST DUVAL STREET LAKE CITY, FLORIDA 32055
(386)752-7163 FAX (386)752-5573

WORK ORDER # L-16207

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

Inst: 2005015678 Date: 07/01/2005 Time: 13:06
MK DC, P. Dewitt Cason, Columbia County B: 1050 P: 2254

PERMIT NO. _____

TAX FOLIO NO. _____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

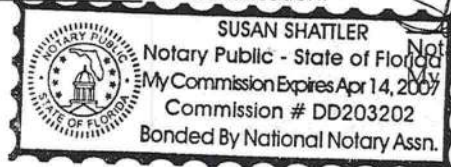
The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property: Lot 15, Brady Park, Columbia County, FL,
more particularly described in Exhibit "A" attached
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: Theresa W. Patterson & Steve E. Patterson
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): J. Dean Construction
P. O. Box 299, Branford, FL 32008
5. Surety:
 - a. Name and address: _____
 - b. Amount of bond: _____
6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
7. Persons within the State of Florida designated by Owner upon whom notices or other document 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 U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

Steve E. Patterson
Borrower Name

[Signature]
Co-Borrower Name

The foregoing instrument was acknowledged before me this 20 day of June, 2005 by _____, who is personally known to me or who has produced driver's license for identification.



Susan Shattler
Notary Public
My Commission Expires: _____

Exhibit A

LOT 15 OF BRADY PARK, AN UNRECORDED SUBDIVISION MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF THE N 1/4 OF THE SW 1/4 OF THE SE 1/4, AND RUN N. 87°31' E., ALONG THE SOUTH LINE OF SAID N 1/4 OF THE SW 1/4 OF THE SE 1/4, 275.50 FEET, THENCE N. 02°09' E., 170.50 FEET, TO THE SOUTH LINE OF SOUTH BRADY CIRCLE, THENCE S. 86°58' W., ALONG THE SOUTH LINE OF SOUTH BRADY CIRCLE, 22.55 FEET, THENCE N. 00°35'30" W., 40.04 FEET, TO THE NORTH LINE OF SAID SOUTH BRADY CIRCLE, THENCE N. 01°14' W., 148.97 FEET, THENCE N. 88°49' E., 266.92 FEET, TO THE POINT OF BEGINNING, AND RUN THENCE N. 00°28' W., 154.10 FEET, TO THE SOUTH LINE OF NORTH BRADY CIRCLE, THENCE N. 87°40' E., ALONG SAID BRADY CIRCLE, 135.95 FEET, THENCE S. 00°05' E., ALONG SAID BRADY CIRCLE, 157.00 FEET, THENCE S. 88°49' W., 132.80 FEET, TO THE POINT OF BEGINNING.

Parcel Identification Number: R02298-006

Inst:2005015678 Date:07/01/2005 Time:13:06
_____, P. DeWitt Cason, Columbia County B:1050 P:2255

Prepared by and return to:
Mickie Salter

Home Town Title of North Florida
2744 US Highway 90 West
Lake City, FL 32055
386-754-7175
File Number: 2005-980

Inst: 2005015676 Date: 07/01/2005 Time: 13:06
Doc Stamp-Deed : 161.00
mk DC, P. DeWitt Cason, Columbia County B: 1050 P: 2238

[Space Above This Line For Recording Data]

Warranty Deed

This Warranty Deed made this 20th day of June, 2005 between James V. Waddell and Jeanette H. Waddell, husband and wife whose post office address is 35162 Nancy Road, Callahan, FL 32011, grantor, and Steve E. Patterson and Theresa W. Patterson, husband and wife whose post office address is 835 NW Fairway Drive, Lake City, FL 32055, grantee:

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth, that said grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida to-wit:

LOT 15 OF BRADY PARK, AN UNRECORDED SUBDIVISION MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF THE N 1/4 OF THE SW 1/4 OF THE SE 1/4, AND RUN N. 87°31' E., ALONG THE SOUTH LINE OF SAID N 1/4 OF THE SW 1/4 OF THE SE 1/4, 275.50 FEET, THENCE N. 02°09' E., 170.50 FEET, TO THE SOUTH LINE OF SOUTH BRADY CIRCLE, THENCE S. 86°58' W., ALONG THE SOUTH LINE OF SOUTH BRADY CIRCLE, 22.55 FEET, THENCE N. 00°35'30" W., 40.04 FEET, TO THE NORTH LINE OF SAID SOUTH BRADY CIRCLE, THENCE N. 01°14' W., 148.97 FEET, THENCE N. 88°49' E., 266.92 FEET, TO THE POINT OF BEGINNING, AND RUN THENCE N. 00°28' W., 154.10 FEET, TO THE SOUTH LINE OF NORTH BRADY CIRCLE, THENCE N. 87°40' E., ALONG SAID BRADY CIRCLE, 135.95 FEET, THENCE S. 00°05' E., ALONG SAID BRADY CIRCLE, 157.00 FEET, THENCE S. 88°49' W., 132.80 FEET, TO THE POINT OF BEGINNING.

Parcel Identification Number: R02298-006

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

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

Double

DoubleTime®



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

June 27, 2005

J. Deans Construction
P. O. Box 299
Branford, Florida 32008

Attention: John Dean

Reference: Proposed Residence on Brady Circle
Lake City, Columbia County, Florida
Cal-Tech Project No. 05-234

Dear Mr. Dean,

Cal-Tech Testing, Inc. has completed an evaluation of the site for a residence to be constructed on Brady Circle in Lake City, Florida. Our work was authorized by you.

Columbia County regulations require the finished floor elevation of a new residence to be at least 12 inches above the elevation of the adjacent roadway unless it can be shown that such an elevation is not required to substantially reduce the likelihood of flooding.

Based upon U.S.G.S. quadrangle maps, the roadway adjacent the lot has elevation approximately 167.0 feet. The finished floor of the residence is to be near elevation 166.0 feet or about 1 foot below the roadway. As indicated by the quadrangle maps, flooding to the proposed finished floor elevation of approximately 166.0 feet would require simultaneously flooding most of Columbia County with flood depths of more than 50 feet in some areas. Flooding to this extent is highly unlikely.

We recommend you provide a finished floor elevation that is at least 12 inches above the finished surface grade at the perimeter of the residence. Elevating the floor to 12 inches above the adjacent roadway should not be required.

We appreciate the opportunity to be of service on this project.

Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer
President / C.E.O.

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

6/27/05
52612

"Excellence in Engineering & Geoscience"

FORM 600A-2001

**FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION**Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Patterson, Teri	Builder:	J Deans Construction
Address:	Brady Circle	Permitting Office:	
City, State:	Lake City, FL 32055-	Permit Number:	23467
Owner:		Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.7 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.10
4. Number of Bedrooms	5	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1281 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft ² 126.0 ft ²	a. N/A	
b. Default tint	0.0 ft ² 0.0 ft ²	b. N/A	
c. Labeled U or SHGC	0.0 ft ² 0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 175.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EP: 0.89
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1582.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=11.0, 280.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1282.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 87.3 ft		
b. N/A			

Glass/Floor Area: 0.10

Total as-built points: 28164

Total base points: 29429

PASS

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

PREPARED BY: Glenn Jones Jr.DATE: 6/20/05

I hereby certify that this building, as designed, is in compliance with the Florida Energy 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 with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: _____

DATE: _____



Project Summary

Entire House

Glenn I. Jones, Inc.

Job:
Date: Jun 19, 2005
By: gjj jr

552 NW Hibbs Ave., Lake City, FL 32055 Phone: 386-752-5389 Fax: 386-755-3401 Email: glenn@bizsea.rr.com Web: glennijonesinc.com

Project Information

For: Teri Patterson

Notes: J. Deans Construction

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	52 gr/lb

Heating Summary

Structure	22127 Btuh
Ducts	1106 cfm
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	23234 Btuh

Sensible Cooling Equipment Load Sizing

Structure	13357 Btuh
Ducts	1336 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1281	1281
Volume (ft³)	12812	12812
Air changes/hour	1.00	0.50
Equiv. AVF (cfm)	214	107

Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	14252 Btuh

Latent Cooling Equipment Load Sizing

Structure	5123 Btuh
Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	5123 Btuh

Equipment total load	19375 Btuh
Req. total capacity at 0.70 SHR	1.7 ton

Heating Equipment Summary

Make Payne
Trade Payne PH12
Model PH12NA024-D

Efficiency	7.5 HSPF
Heating input	23600 Btuh @ 47°F
Heating output	28 °F
Temperature rise	767 cfm
Actual air flow	0.033 cfm/Btuh
Air flow factor	0.50 in H2O
Static pressure	
Space thermostat	

Cooling Equipment Summary

Make Payne
Trade Payne PH12
Cond PH12NA024-D
Coil PF1MNB030+TXV

Efficiency	12.1 SEER
Sensible cooling	16100 Btuh
Latent cooling	6900 Btuh
Total cooling	23000 Btuh
Actual air flow	767 cfm
Air flow factor	0.052 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.74

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.7

The higher the score, the more efficient the home.

Brady Circle, Lake City, FL, 32055-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.7 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.10
4. Number of Bedrooms	5	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1281 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft ² 126.0 ft ²	a. N/A	
b. Clear - double pane	0.0 ft ² 0.0 ft ²	b. N/A	
c. Tint/other SHGC - single pane	0.0 ft ² 0.0 ft ²	c. N/A	
d. Tint/other SHGC - double pane			
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 175.0(n) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A		b. N/A	EF: 0.89
c. N/A		c. Conservation credits	
9. Wall types		(HR-Heat recovery, Solar	
a. Frame, Wood, Exterior	R=13.0, 1582.0 ft ²	DHP-Dedicated heat pump)	
b. Frame, Wood, Adjacent	R=11.0, 280.0 ft ²	15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		HF-Whole house fan,	
e. N/A		PT-Programmable Thermostat,	
10. Ceiling types		MZ-C-Multizone cooling,	
a. Under Attic	R=30.0, 1282.0 ft ²	MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. All: Interior	Sup. R=6.0, 87.3 ft		
b. N/A			

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction.*

contact the Department of Community Affairs Energy Gauge Division Version: FLRCSB v3.30)

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Brady Circle, Lake City, FL, 32055-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq. ft. window area; .5 cfm/sq. ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides, Common ceiling & floors R-11.	

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Brady Circle, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		13745.4		Winter As-Built Points:			14654.3			
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
13745.4		0.6274	8623.9	14654.3		1.00	1.162	0.590	1.000	10042.5

FORM 600A-2001

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**ADDRESS: **Brady Circle, Lake City, FL, 32055-**

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1281.0	12.74	2937.6	Double, Clear	N	2.0	6.0	45.0	24.58	1.00	1111.1
				Double, Clear	S	2.0	6.0	45.0	13.30	1.25	749.4
				Double, Clear	E	2.0	6.0	30.0	18.79	1.06	597.3
				Double, Clear	S	2.0	4.0	6.0	13.30	1.64	130.8
				As-Built Total:				126.0	2588.6		
WALL TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	280.0	3.60	1008.0	Frame, Wood, Exterior	13.0		1582.0	3.40	5378.8		
Exterior	1582.0	3.70	5853.4	Frame, Wood, Adjacent	11.0		280.0	3.60	1008.0		
Base Total:				As-Built Total:				1882.0	6386.8		
DOOR TYPES											
Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Wood	42.0 12.30 516.6						
Exterior	42.0	12.30	516.6								
Base Total:				As-Built Total:				42.0	516.6		
CEILING TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1282.0	2.05	2628.1	Under Attic	30.0		1282.0	2.05 X 1.00	2628.1		
Base Total:				As-Built Total:				1282.0	2628.1		
FLOOR TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	175.0(p)	8.9	1557.5	Slab-On-Grade Edge Insulation	0.0		175.0(p)	18.80	3290.0		
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				175.0	3290.0		
INFILTRATION											
Area X BWPM = Points				Area X WPM = Points							
	1281.0	-0.59	-755.8	1281.0 -0.59 -755.8							

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Brady Circle, Lake City, FL, 32055-**

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 16584.3				Summer As-Built Points: 14164.1						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	=	Cooling Points
						(DM x DSM x AHU)				
16584.3	0.4266		7074.9	14164.1	1.000	(1.090 x 1.147 x 0.91)	0.282	1.000		4545.4
				14164.1	1.00	1.138	0.282	1.000		4545.4

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**ADDRESS: **Brady Circle, Lake City, FL, 32055-**

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	1281.0	20.04	4620.8	Double, Clear	N	2.0	6.0	45.0	19.20	0.90	779.0
				Double, Clear	S	2.0	6.0	45.0	35.87	0.78	1257.5
				Double, Clear	E	2.0	6.0	30.0	42.06	0.85	1073.5
				Double, Clear	S	2.0	4.0	6.0	35.87	0.66	142.0
				As-Built Total:				126.0		3252.0	
WALL TYPES											
Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	280.0	0.70	196.0	Frame, Wood, Exterior			13.0	1582.0	1.50	2373.0	
Exterior	1582.0	1.70	2689.4	Frame, Wood, Adjacent			11.0	280.0	0.70	196.0	
Base Total:				As-Built Total:				1862.0		2569.0	
DOOR TYPES											
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Wood				42.0	6.10	256.2	
Exterior	42.0	6.10	256.2								
Base Total:				As-Built Total:				42.0		256.2	
CEILING TYPES											
Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1282.0	1.73	2217.9	Under Attic			30.0	1282.0	1.73 X 1.00	2217.9	
Base Total:				As-Built Total:				1282.0		2217.9	
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	175.0(p)	-37.0	-6475.0	Slab-On-Grade Edge Insulation			0.0	175.0(p)	-41.20	-7210.0	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				175.0		-7210.0	
INFILTRATION											
Area X BSPM = Points								Area X SPM = Points			
	1281.0	10.21	13079.0					1281.0	10.21	13079.0	



Fax Transmission Cover Page

Fax Date: 8/16/05

Fax Time: 12:45

Fax To: John Kierce

Fax # 758-2160

At _____

of Pages _____

From: ☒ Angela Deans

☐ Jonathan Deans

of J. Deans Construction, Inc.

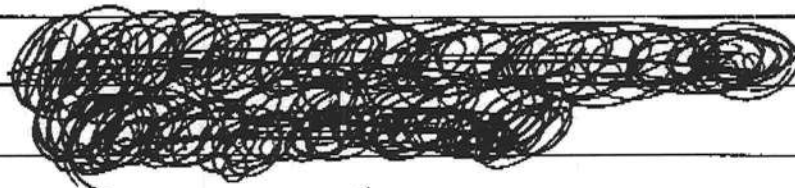
Contact #'s: Office (386) 935-0292

Jon's Mobile (386) 984-0188

Fax (386) 935-0960

Angela's Mobile (386) 984-0326

Comments:



@Soil Test - 000023467 permit#
J. Deans Construction Inc. for Theresa Patterson
We go above and beyond every other
builder in any County as we require a deep
soil boring on every house we build and we
do a soil density test before we pour. No other
builder can say they do this level of testing on
every job but we are very conscientious builders so
Please contact Jonathan or Angela Deans at one of the above contact numbers if all of the we do
intended pages are not received or if you have any questions concerning the fax. this.

Office:

Mobile:

Licensed:

P. 1

3869350960

Angela Deans

Aug 16 05 04:09p



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

June 14, 2005

J. Deans Construction
P. O. Box 299
Branford, Florida 32008

Attention: John Dean

Reference: Proposed Residence
Brady Circle
Lake City, Florida
Cal-Tech Project No. 05-234

Dear Mr. Dean,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for a residence to be constructed on Brady Circle in Lake City, Florida. Our work was authorized by you.

Introduction

It is our understanding you will be constructing a single-story residence with a plan area on the order of 2,000 square feet. Support for the residence is to be provided by conventional, shallow spread footings. Anticipated foundation loads and proposed grading have not been provided; however, we assume column and wall loads will not exceed 20 kips and 1.5 kips per foot, respectively. We anticipate the site will be filled about 2 feet at the rear to provide a finished floor elevation about 1 foot above the existing surface grade at the front of the residence.

The purposes of our investigation were to determine the general subsurface at the site and to provide recommendations for foundation design and construction.

Site Investigation

The subsurface conditions were investigated by performing two (2) Standard Penetration Test borings advanced to depths of 10 feet. The borings were performed at the approximate locations indicated on the attached Boring Location Plan. These locations were selected by you.

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

"Excellence in Engineering & Geoscience"

inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil borings generally encountered two soil strata. The first layer consists of 4.5 to 6 feet of loose to medium dense, brownish gray or tannish gray sand (SP) or sand with silt or clay (SP/SM, SP/SC). The N-values of this layer range from 6 to 20 blows per foot.

The second layer consists of an undetermined thickness of loose to medium dense, generally light tannish gray, clayey sand (SC). The N-values of this layer range from 4 to 25 blows per foot.

Ground water was encountered at depths of 3.2 and 2.7 feet at boring locations B-1 and B-2, respectively. We estimate this water groundwater level is very near the seasonal high groundwater level at the site.

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 residence can be supported by conventional, shallow spread footings sized to exert a maximum soil bearing pressure of 2,500 pounds per square foot. The foundations should have minimum widths of 16 and 24 inches at wall and column locations, respectively, and the bottoms of foundations should be embedded at least 16 inches below the lowest adjacent grade (finished surface grade for example).

Only normal, good practice site preparation procedures should be required to prepare the site.

The building limits and a minimum of 3 feet beyond should be stripped of grass, roots and other deleterious materials. Excavation should then be performed as required to establish the appropriate grades. Clean sandy soils should be stockpiled for later use as fill as required.

The building area should then be 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 not encountered in the soil test borings. Such zones should be undercut and back-filled or otherwise treated as directed by the geotechnical engineer.

The subgrade should then 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. 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 compacted fill. Disturbed fill materials should be recompacted prior to placement of the foundations or floor 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.

If stemwalls will serve as retaining walls, we recommend these walls be designed to resist the lateral loads imposed by the retained fill. We recommend the walls be designed assuming the soil will exert a lateral stress equivalent to a fluid with a unit weight of 65 pounds per cubic foot.

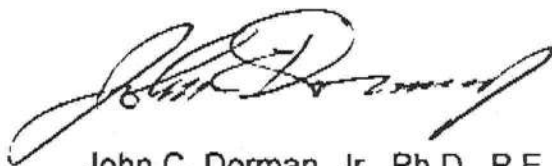
Our recommendations are based upon our findings as described in this report; however, subsurface conditions may exist that were not encountered in the soil test borings. Cal-Tech Testing, Inc. should be notified immediately if different soil conditions are encountered during construction. It may be necessary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

6/14/05

52612

B-1

Water Table: 3.2 ft.

Soil

Depth (ft)	N-value	Description
0		Dark Brownish Grey Sand with Silt (SP/SM)
6		Loose, Tannish Grey Sand (SP)
6		Loose, Tannish Grey Sand, Trace Limestone (SP)
5	12	Medium Dense, Light Tannish Grey, Slightly Clayey Sand (SC)
17		Medium Dense, Light Tannish Grey, Slightly Clayey Sand (SC)
8		Loose, Light Tannish Grey, Slightly Clayey Sand, Trace Limestone (SC)
4		

10.0 ft.: Termination of Boring

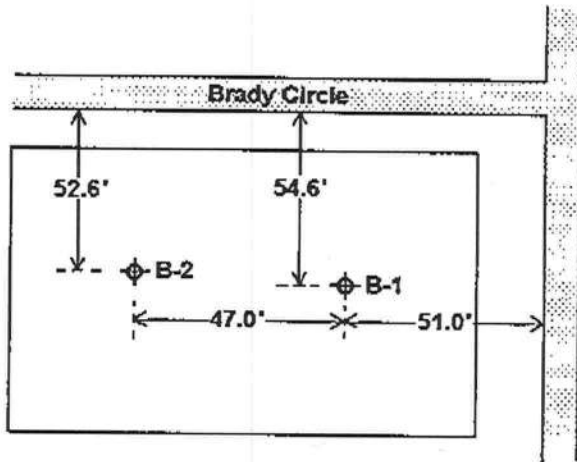
B-2

Water Table: 2.7 ft.

Soil

Depth (ft)	N-value	Description
0		Dark Tannish Grey Sand with Silt, Trace Limestone (SP/SM)
12		Medium Dense, Tannish Grey Sand (SP)
17		Medium Dense, Tannish Grey Sand, Trace Clay (SP)
5	20	Medium Dense, Grey and Light Grey Sand with Clay (SP/SC)
25		Medium Dense, Light Tannish Grey, Slightly Clayey Sand (SC)
15		Medium Dense, Tannish Grey and Brown, Clayey Sand (SC)
6		Loose, Light Greyish Tan, Clayey Sand, Trace Limestone (SC)

10.0 ft.: Termination of Boring



**Boring Logs and Location Plan: Proposed Residence
Brady Circle**



**REPORT ON
IN-PLACE DENSITY TESTS**

Bldg Permit #
000023467

Client: J. Deans Construction
P.O. Box 299
Branford, FL 32008

Project: Teri Patterson Residence, 747 NW Brady Circle, Permit No. 200523467, Lake City, Columbia County, FL

Area Tested: Fill Beneath Proposed Building Pad and Foundation


Course: Final Grade **Depth of Test:** 0-1'

Type of Test: ASTM D-2922 **Date Tested:** 08-18-05

Remarks: The tests below meet the minimum 95 percent relative soil compaction requirement of Laboratory Modified Proctor maximum dry density. (ASTM D-1557)

TEST LOCATION		LABORATORY RESULTS		FIELD TEST RESULTS		
Description of Test Location		Maximum Density (pcf)	Optimum Moisture (%)	Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)
1.	Approximate Center of Pad	112.6	11.3	108.4	4.9	96.3
2.	Approximate Center of West Foundation	112.6	11.3	108.1	5.2	96.0
3.	Approximate Center of East Foundation	112.6	11.3	108.4	4.8	96.3

Technician: DM/ts


Andrew T. Schmid, P.E.
Professional Engineer No. 56022

New Construction Subterranean Termite Soil Treatment Record

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

This form is completed by the licensed Pest Control Company.

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.

23467

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: J. Dean Zantz Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 247 N.W. Brady Circle Lake City FL
Type of Construction (More than one box may be checked) [X] Slab [] Basement [] Crawl [] Other
Approximate Depth of Footing: Outside 0 Inside 0 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 4-14-05
Brand Name of Product(s) Used Success-100
EPA Registration No. 70907-7-53843
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 1643 Linear ft. 168 Linear ft. of Masonry Voids 0
Approximate Total Gallons of Solution Applied 180
Was treatment completed on exterior? [] Yes [X] No
Service Agreement Available? [X] Yes [] No

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

Attachments (List)
Comments

Name of Applicator(s) Steve Branner 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 [Signature] Date 4-14-05

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802) Form NPCA-99-B may still be used form HUD-NPCA-99-B (04/2003)

UNIVERSAL

ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering •
Environmental Sciences • Construction Materials Testing

REPORT ON IN-PLACE DENSITY TESTS

4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

23467

CLIENT: J. Dean Const. (Columbia Co.) Permit # 200523467

PROJECT: Ten. Pullerison Job
(747 New Borden Circle)

AREA TESTED: Full w/ pump bldg pool & forest

COURSE: E/L DEPTH OF TEST: 0-1'

TYPE OF TEST: ASTM D 2922 DATE TESTED: 8-18-08

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

REMARKS: _____

[illegible]TECH. OM

left message - 8/22/05
to J. Deans

**Columbia County Building Department
Culvert Waiver****Culvert Waiver No.
000000767**

DATE: 08/05/2005 BUILDING PERMIT NO. 23467

APPLICANT ANGELA DEANS PHONE 386 935-0292

ADDRESS 7151 290TH ST BRANFORD FL 32008

OWNER THERESA PATTERSON PHONE 755-6781

ADDRESS 747 NW BRADY CIRCLE LAKE CITY FL 32055

CONTRACTOR J. DEANS CONSTRUCTION PHONE 935-0292

LOCATION OF PROPERTY 90W, TR ON RIDGWOOD AVE, TL ON ASHLEY, TR ON LOWLAND, TL ON LABONTE,
GOES INTO MAITLAND TERR, TL ON BRADY, TR ON BRADY, TOP OF HILL LOT
ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT BRADY PARK 15

PARCEL ID # 25-3S-16-02298-006

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Angela Deans

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00**PUBLIC WORKS DEPARTMENT USE ONLY**

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE
CULVERT WAIVER IS:

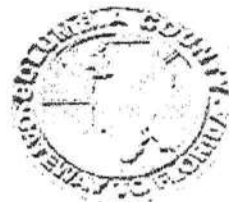
APPROVED NOT APPROVED - NEEDS A CULVERT PERM IT

COMMENTS: _____

SIGNED: Randy LittleDATE: 10/13/05

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160



**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 16, 2005

J. Deans Construction
P. O. Box 299
Branford, Florida 32008

Attention: John Dean

Reference: Proposed Residence
Brady Circle
Lake City, Columbia County, Florida
Cal-Tech Project No. 05-234

Dear Mr. Dean,

At your request, Cal-Tech Testing, Inc. has determined relative elevations of the proposed floor slab and ground surface adjacent the perimeter of the residence currently under construction on Brady Circle in Lake City, Florida. All elevations were determined relative to the centerline of the roadway adjacent the site having the highest elevation. Our work was authorized by you.

Columbia County regulations require the finished floor elevation of a new residence to be at least 12 inches above the elevation of the adjacent roadway unless it can be shown that such an elevation is not required to substantially reduce the likelihood of flooding.

Based upon U.S.G.S. quadrangle maps, the roadway adjacent the site has a centerline elevation of approximately 167.0 feet. Using this elevation as a reference and the form boards currently in place, the finished floor is to have an elevation of approximately 166.3 feet or about 0.7 feet below the adjacent roadway. Flooding to this elevation would require simultaneously flooding most of Columbia County with flood depths of more than 50 feet in some areas. Flooding to this extent is highly unlikely; therefore, elevating the floor to 12 inches above the adjacent roadway should not be required.

Elevations of the ground surface surrounding the residence were also determined. In all areas the ground surface slopes away from the foundation areas, and the bottoms of slopes are a minimum of 9 inches below the proposed finished floor elevation. This elevation difference is sufficient to promote drainage away from the residence. One foot of difference as previously recommended should not be required.

"Excellence in Engineering & Geoscience"

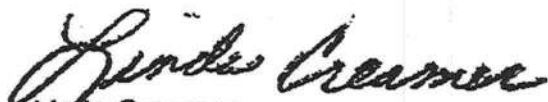
HD filed - 12/22/05

23467

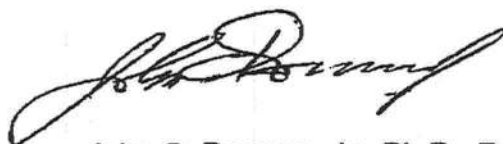
758-2160

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please contact us if 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

8/16/05
52612

COLUMBIA COUNTY OFFICE 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 25-3S-16-02298-006

Building permit No. 000023467

Use Classification SFD, UTILITY

Fire: 53.28

Permit Holder J. DEAN CONSTRUCTION

Waste: 110.25

Owner of Building THERESA PATTERSON

Total: 163.53

Location: 747 NW BRADY CIRCLE(BRADY PARK, LOT 15)

Date: 01/10/2006

Henry Bickel

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)





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- Geotechnical
- Environmental

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Cal-Tech Testing, Inc.



Linda Creamer
President / C.E.O.



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

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