DATE 09/23/2004

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000022335

APPLICANT JULIE K.G. MURPHY PHONE 754.6678

ADDRESS 281 SW GENERATIONS LOOP LAKE CITY FL 32024

OWNER DAVID & JULIE MURPHY PHONE 386.754.668`

ADDRESS 281 SW GENERATIONS LOOP LAKE CITY FL 32024

CONTRACTOR DAVID & JULIE MURPHY PHONE 386.754.6678

LOCATION OF PROPERTY 441-S PAST ELLLISVILLE, GO 3 MILES PAST TOMMIE LITES RD, 2ND DRIVE @ GENERATIONS LOOP ON THE RIGHT SIDE.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 114600.00

HEATED FLOOR AREA 2292.00 TOTAL AREA 3780.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 4'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE A DEVELOPMENT PERMIT NO.

PARCEL ID 15-6S-17-09678-010 SUBDIVISION AMBERWOOD

LOT 10 BLOCK PHASE UNIT TOTAL ACRES 5.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
PRIVATE	04-0732-N	BLK	JDK
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance

N — New Resident

COMMENTS: NOC ON FILE

1 FOOT ABOVE ROAD.

Check # or Cash 1132

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 $ 575.00 CERTIFICATION FEE $ 18.90 SURCHARGE FEE $ 18.90

MISC. FEES $ .00 ZONING CERT. FEE $ 50.00 FIRE FEE $ _____ WASTE FEE $ _____

FLOOD ZONE DEVELOPMENT FEE $ _____ CULVERT FEE $ _____ **TOTAL FEE** 662.80

INSPECTORS OFFICE _____ CLERKS OFFICE CH

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

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

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.

This Instrument Prepared by & return to:
Name: ***SHERRY GIANAKAS***

Address: ***247 SW GENERATIONS LOOP***
LAKE CITY, FL 32024
Parcel I.D. #: ***15-6S-17-09678-005***

SPACE ABOVE THIS LINE FOR PROCESSING DATA | *SPACE ABOVE THIS LINE FOR RECORDING DATA*

THIS WARRANTY DEED *Made the 2ND day of JUNE, A.D. 2004, by* ***CHRIS GIANAKAS*** *AND* ***SHERRY GIANAKAS****, HIS WIFE, hereinafter called the grantor, to* ***JULIE K. G. MURPHY*** *AND* ***DAVID A. MURPHY****, HUSBAND AND WIFE, whose post office address is 281 SW GENERATIONS LOOP, LAKE CITY, FL 32024, hereinafter called the grantees:*

(Wherever used herein the terms "grantor" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: *That the grantor, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in* ***COLUMBIA County, State of FLORIDA****, viz:*

SEE EXHIBIT "A" ATTACHED

SUBJECT TO EASEMENT IN FAVOR OF CLAY ELECTRIC AS RECORDED IN O.R. BOOK 594, PAGE 21 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

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 grantees that he is lawfully seized of said land in fee simple; that he has good right and lawful authority to sell and convey said land, and hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances. except taxes accruing subsequent to December 31, 2003.*

In Witness Whereof, *the said grantor has signed and sealed these presents, the day and year first above written.*

Signed, sealed and delivered in the presence of:

Julie Jones
Witness Signature
Terra Jones
Printed Name
Dana Parker
Witness Signature
Dana Parker
Printed Name

Chris Gianakas *L.S.*
CHRIS GIANAKAS
Address: ***247 SW GENERATIONS LOOP, LAKE CITY, FL 32024***

Sherry Gianakas *L.S.*
SHERRY GIANAKAS
ADDRESS: 247 SW GENERATIONS LOOP, LAKE CITY, FL 32024

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this ***5th*** *day of* ***May, 1999****, by* ***CHRIS GIANAKAS AND SHERRY GIANAKAS****, who is known to me or who has produced* Florida Drivers License *as identification.*

FDL. G522-100-46-209-0
G522-797-46-878-0

Pamela H Woodington
Notary Public
My commission expires _____

OFFICIAL NOTARY SEAL
PAMELA H WOODINGTON
NOTARY PUBLIC STATE OF FLORIDA
COMMISSION NO. DD014197
MY COMMISSION EXP. APR. 27,2005

EXHIBIT "A"

III. PARCEL #10

FROM A CONCRETE MONUMENT AT THE SOUTHWEST CORNER OF NORTHWEST QUARTER OF SAID SECTION 15 RUN NORTH 88°29'19" EAST ALONG FORTY LINE 1477.84 FEET TO THE SOUTHWEST CORNER AND POINT OF BEGINNING OF THE HEREIN DESCRIBED PARCEL; THENCE NORTH 01°45'11" WEST 251.27 FEET; THENCE NORTH 88°29'19" EAST 898.71 FEET TO THE WEST RIGHT OF WAY OF U.S. HIGHWAY 41; THENCE SOUTH 11°46'05" WEST ALONG SAID RIGHT OF WAY LINE 258.17 FEET, TO THE FORTY LINE; THENCE SOUTH 88°29'19" WEST ALONG FORTY LINE 838.35 FEET TO POINT OF BEGINNING;

BEING IN THE SE 1/4 OF NW 1/4 OF SAID SECTION 15, TOWNSHIP 6 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA. THE BEARINGS HEREIN ARE REFERRED TO THE BEARING (NORTH 11°46'05" EAST) OF U.S. HIGHWAY 41.

Columbia County Building Permit Application

For Office Use Only Application # 0408-60 Date Received 8-18-04 By CH Permit # 22335

Application Approved by - Zoning Official _____ Date _____ Plans Examiner _____ Date _____

Flood Zone A Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments 1' above paved Road

Applicants Name Julie K G Murphy Phone 3863443567

Address 281 SW Generations Loop Lake City FL 32024

Owners Name David + Julie Murphy Phone 3863443567

911 Address same as above

Contractors Name Owner Contractor Phone _____

Address _____

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Roger B Chewning / Xtreme Design 15107 Rialto Dr Brooksville FL 346

Mortgage Lenders Name & Address N/A

Property ID Number now R15 6S 17 09678 005 proposed R(15 6S 17 09678 010) Estimated Cost of Construction 60,000

Subdivision Name Amberwood Sub Unrecorded Lot 10 Block 10 Unit ____ Phase ____

Driving Directions on 441 South - I75 EXIT #414 go south 2 miles - SW generations Loop 2nd entrance (Right side)

Type of Construction SFD Number of Existing Dwellings on Property 0

Total Acreage 5 Lot Size 258 x 839 (251 x 898) Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 250' Side 153' Side 98' Rear 436'

Total Building Height 16' 7½" Number of Stories 1 Heated Floor Area 2292 Roof Pitch 4/12

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.

754.6678

Julie K G Murphy

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number _____

Competency Card Number _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 17th day of August 20 04.

Personally known ____ or Produced Identification ____

NOTARY STAMP/SEAL: TERRI GARDNER MY COMMISSION #DD241748 EXPIRES: AUG 17, 2007 Bonded through Advantage Notary

Notary Signature

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

(X) Single Family Dwelling
( ) Two-Family Residence
( ) Farm Outbuilding
( ) Other_____
(X) New Construction
( ) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Julie K G Murphy , have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number_____

Julie K G Murphy 8/18/04
Signature Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date 9-23-04 Building Official/Representative

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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 Proposed R15651709678010
Now R15651709678005

1. **Description of property: (legal description of the property and street address or 911 address)**

Amberwood subdivision Parcel 10 (under & until next tax date)

281 SW Generations Loop Lake City FL 32024

2. **General description of improvement:** SFD - New construction

3. **Owner Name & Address** Julie + David Murphy 281 SW Generations Loop Lake City FL 32 **Interest in Property** N/A

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

5. **Contractor Name** Owner/Builder (Juliet David Murphy) **Phone Number** 754-6678
Address 281 SW Generations Loop Lake City FL 32024

6. **Surety Holders Name** N/A
Address
Amount of Bond

Inst:2004019053 Date:08/18/2004 Time:12:31
DC,P.DeWitt Cason,Columbia County B:1023 P:2351

7. **Lender Name** N/A
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:**

Owner or **Name** Chris or Sherry Gianakas **Phone Number** 3867546678
Address 247 SW Generations Loop Lake City FL 32024

9. **In addition to himself/herself the owner designates** N/A **of** _____ **to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) –**
(a) 7. Phone Number of the designee

10. **Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified)**

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Julie K Murphy
Signature of Owner

Sworn to (or affirmed) and subscribed before day of August 17, 2004

NOTARY STAMP/SEAL

TERRI P GARDNER
MY COMMISSION #DD241748
EXPIRES: AUG 17, 2007
Bonded through Advantage Notary

Terri P Gardner
Signature of Notary

15-6S-17-09678-005 HX

Columbia County Property Appraiser

Owner & Property Info

Show: Tax Info | GIS Map | Property Card

Owner's Name	GIANAKAS CHRIS & SHERRY
Site Address	RT 2 BX 34252
Mailing Address	RT 2 BX 34252 (S US 41) LAKE CITY, FL 32024
Brief Legal	COMM SW COR OF NW1/4, RUN E 1477.84 FT POB N 708.94 FT RUN E 1008.66 FT TO W R/W

Use Desc. (code)	MOBILE HOM (000200)
Neighborhood	15617.01
Tax District	3
UD Codes	
Market Area	02
Total Land Area	15.030 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	$35,216.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$28,982.00
XFOB Value	cnt: (1)	$2,000.00
Total Appraised Value		$66,198.00

Just Value		$66,198.00
Class Value		$0.00
Assessed Value		$66,198.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$41,198.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
5/5/1999	880/604	WD	V	U	03	$32,100.00
5/9/1997	839/852	WD	V	U	03	$20,200.00
12/17/1993	784/1706	WD	V	U	12	$22,500.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SFR MANUF (000200)	2001	Vinyl Side (31)	1056	1056	$28,982.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0040	BARN,POLE	2000	$2,000.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	15.030 AC	1.00/1.00/.85/1.00	$2,209.98	$33,216.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	$2,000.00	$2,000.00

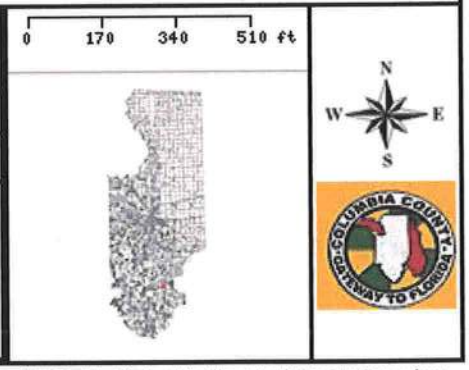
Columbia County Property Appraiser

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

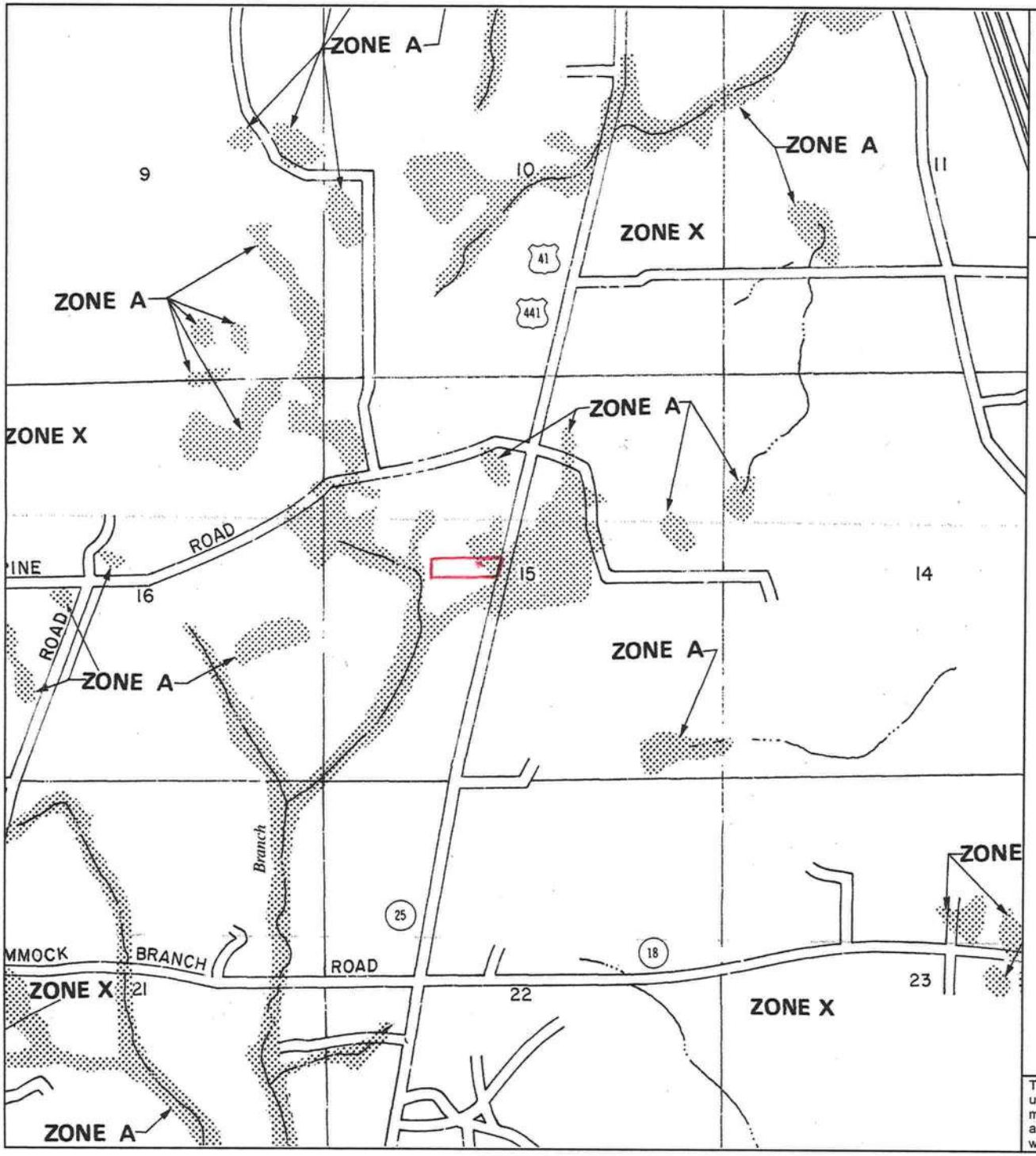
PARCEL: 15-6S-17-09678-005 HX - MOBILE HOM (000200)

COMM SW COR OF NW1/4, RUN E 1477.84 FT POB N 708.94 FT RUN E 1008.66 FT TO W R/W

Name:	GIANAKAS CHRIS & SHERRY	LandVal	$35,216.00
Site:	RT 2 BX 34252	BldgVal	$28,982.00
Mail:	RT 2 BX 34252 (S US 41) LAKE CITY, FL 32024	ApprVal	$66,198.00
		JustVal	$66,198.00
Sales Info	5/5/1999 $32,100.00V / U	Assd	$66,198.00
	5/9/1997 $20,200.00V / U	Exmpt	$25,000.00
	12/17/1993 $22,500.00V / U	Taxable	$41,198.00




17
18
SW FARNELL RD
S US HWY 441
SE BAILEY ST
SE BAILE
SW GENERATION LOOP
SE WARD CRAWFORD CT
US HWY 441
1
2
3
4
5
6
7
8
9
10
LITES ST



N

APPROXIMATE SCALE IN FEET

2000 0 2000

NATIONAL FLOOD INSURANCE PROGRAM

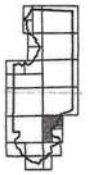
FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 250 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0250 B
EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Futher information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/mit/tsd.

Print Date: 8/30/2004 (printed at scale and type A)

02-08-60

CAM500001 CamaUSA Appraisal System Columbia County
8/17/2004 11:57 **Search by Owner Names** Year. . 2004

Select	Name		
. . . . .	**GIANAKAS CHRIS & SHERRY**	**R 15-6S-17-09678-005 HX**	**000200**
	RT 2 BX 34252		
. . . . . D	**GIANAKAS CHRIS & SHERRY**	**R 15-6S-17-09678-009**	**009900**
	AMBERWOOD S/D UNREC		
. . . . . D	**GIANAKAS CHRIS & SHERRY**	**R 15-6S-17-09678-010**	**000000**
	AMBERWOOD S/D UNREC		
. . . . .	***GIANAKAS SHERRY**	**R 15-6S-17-09678-005 HX**	**000200**
	RT 2 BX 34252		
. . . . .	**GIANG LAM C**	**R 34-3S-17-07108-001 HX**	**000100**
	301 GOLF CLUB AVE		
. . . . .	***GIANIKAS ERIN F**	**R 27-7S-17-10055-108 HX**	**000100**
	*ADDR & HX NOTE		
. . . . .	**GIANIKAS MICHAEL P & ERIN F**	**R 27-7S-17-10055-108 HX**	**000100**
	*ADDR & HX NOTE		
. . . . .	**GIANIKAS MICHAEL P & ERIN F**	**R 27-7S-17-10055-107**	**000000**
	-		
. . . . .	**GIARDINA ANTHONY V JR**	**R 16-6S-16-03832-207 HX**	**000200**
	738 HENDERSON TER SW FORT WHITE		

F1=Help F3=Exit F10=Goto F12=Cancel F21=CmdLine PGUP/PGDN

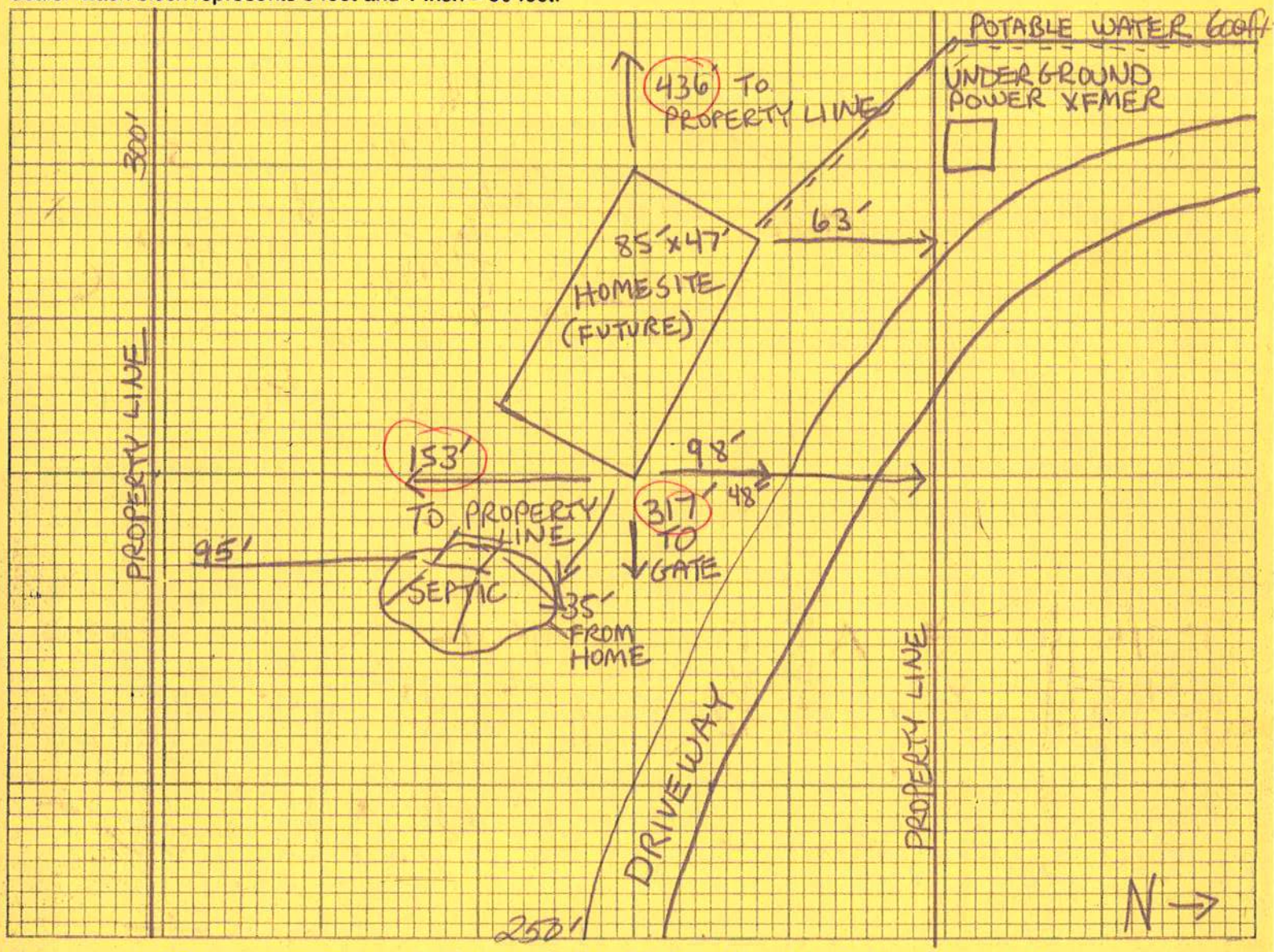
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 04-0732N

PART II - SITE PLAN

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



Notes: WELL IS ON PARCEL #8 (PARENTS PROPERTY) NORTH PROPERTY IS 251' x 898' x 258' x 838' ☐ portion of 5 Acre lot

* Want 1200 septic tank *

Site Plan submitted by: Julie Lyle Signature — Owner Title

Plan Approved ✓ Not Approved ____ Date 7-7-04

By Sallie A. Maddox. ESI-COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

12335

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

September 24, 2004

Julie Murphy
281 S. W. Generations Loop
Lake City, Florida 32024

Reference: Proposed Murphy Residence
281 S. W. Generations Loop
Lake City, Columbia County, Florida
Cal-Tech Project No. 04-455

Dear Ms. Murphy,

Cal-Tech Testing, Inc. has completed the subsurface investigation and evaluation of a proposed residential building site at the referenced location. Our work was authorized by you.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

Site Investigation

The site was investigated by performing two (2) Standard Penetration Test borings advanced to depths of 7 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. These locations were selected on site by our personnel, and the building limits were staked.

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.

Findings

The soil borings generally encountered three soil strata. The first layer consists of about 4.5 feet of loose to medium dense, tannish gray sand (SP) or sand with silt (SP/SM). We believe most of this layer is fill. The N-values of this layer range from 6 to 13 blows per foot.

The second layer consists of about 1.0 feet of loose, tannish gray sand with traces of clay (SP). The N-values of this layer are on the order of 6 blows per foot. The third layer consists of an undetermined thickness of loose, gray and orange, clayey sand (SC). The N-values of this layer are on the order of 6 to 7 blows per foot.

Groundwater was not encountered at the time of our investigation; however, we believe the wet season water table will occur as perched ground water at a depth of about 4.5 feet. For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

Discussion

We have performed a bearing capacity analysis for the immediate bearing soils within the building site and have assumed a conventional wall footing having a width of 18 inches. Additionally, we have assumed the bottom of this foundation to be embedded 14 inches below the finished surface grade. For this foundation and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 1.7 against a bearing capacity failure. It is therefore our opinion the subgrade soils in the proposed building area are suitable for shallow foundations and an allowable bearing capacity of 2,000 pounds per square foot.

We recommend the foundation and floor slab areas be proof-rolled using heavy, rubber-tired equipment. Additionally, we recommend foundation areas be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 2 feet below the bottoms of the foundations. Replacement soils, if required, should consist of clean, fine sand containing less than 10% passing the No. 200 sieve. This soil 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.

Our evaluation and recommendations are based upon subsurface conditions encountered at this site and as presented within this report. However, subsurface conditions may exist that differ substantially from our findings. Should substantially different site conditions be encountered, we request that we be notified such that these conditions may be evaluated and recommendations can be provided as appropriate.

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 / CEO

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer 9/24/04
52612

B-1

Water Table: N/A

Depth (ft)	N-value	Soil Description
0		Tannish Gray SAND (SP)
	9	Loose, Dark Tannish Gray SAND (SP)
	6	
5	6	Loose, Tannish Gray SAND, Trace Clay (SP)
	7	Loose, Gray and Orange, SLIGHTLY CLAYEY SAND (SC)

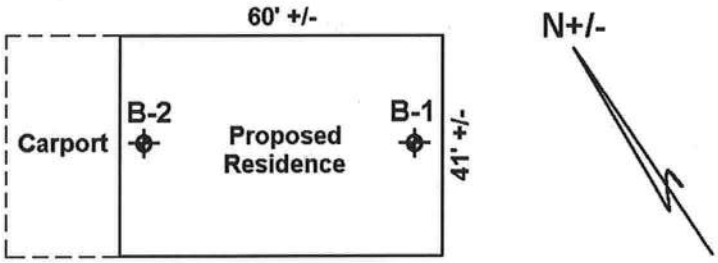
Wet Season Water Table: 4.5 ft.

B-2

Water Table: N/A

Depth (ft)	N-value	Soil Description
0		
	13	Medium Dense, Dark Tannish Gray SAND (SP)
	6	Loose, Dark Gray SAND with SILT (SP/SM)
5	6	Loose, Tannish Gray SAND, Trace Clay (SP)
	6	Loose, Gray and Orange, SLIGHTLY CLAYEY SAND (SC)

Wet Season Water Table: 4.5 ft.



Not to Scale

Boring Logs and Location Plan: Murphy Residence
S.W. Generations Loop
Columbia County, 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

JOB NO.: 04-455
DATE TESTED: 10/08/04
DATE REPORTED: 10/12/04

REPORT OF IN-PLACE DENSITY TEST

PROJECT:	Julie Murphy, 281 S.W. Generations Loop, Lake City, FL 32024
CLIENT:	Julie Murphy Residence
GENERAL CONTRACTOR:	Julie Murphy
EARTHWORK CONTRACTOR:	Julie Murphy
INSPECTOR:	Jody Beggs

ASTM METHOD	**SOIL USE**
(D-2922) Nuclear	Building Fill/Trench Backfill

SPECIFICATION REQUIREMENTS: 95%

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft^3)	MOISTURE PERCENT	DRY DENSITY (lb/ft^3)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
	#7 Footing							
1	5' S of E Corner	0-12"	118.0	13.4	104.1	2	106.7	97.5%
2	10 N of W Corner	0-12"	117.8	15.4	102.1	2	106.7	95.7%
3	25' S of W Corner	0-12"	118.0	15.7	102.0	2	106.7	95.6%
	Building Fill							
4	E Corner of Pad	0-12"	116.2	10.1	105.5	2	106.7	98.9%
5	Center of Pad	0-12"	117.0	8.4	107.9	2	106.7	101.2%
6	W Corner of Pad	0-12"	114.4	8.9	105.1	2	106.7	98.5%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS

PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
2	(Job #04-189)Grayish Tan Silty Fine Sand	106.7	9.4	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer

Linda M. Creamer
President - CEO

Reviewed By:

Date: 10/12/04
Florida Registration No: 52612

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

22335

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September 24, 2004

Julie Murphy
281 S. W. Generations Loop
Lake City, Florida 32024

Reference: Proposed Murphy Residence
281 S. W. Generations Loop
Lake City, Columbia County, Florida
Cal-Tech Project No. 04-455

Dear Ms. Murphy,

Cal-Tech Testing, Inc. has completed the subsurface investigation and evaluation of a proposed residential building site at the referenced location. Our work was authorized by you.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

Site Investigation

The site was investigated by performing two (2) Standard Penetration Test borings advanced to depths of 7 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. These locations were selected on site by our personnel, and the building limits were staked.

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.

Findings

The soil borings generally encountered three soil strata. The first layer consists of about 4.5 feet of loose to medium dense, tannish gray sand (SP) or sand with silt (SP/SM). We believe most of this layer is fill. The N-values of this layer range from 6 to 13 blows per foot.

The second layer consists of about 1.0 feet of loose, tannish gray sand with traces of clay (SP). The N-values of this layer are on the order of 6 blows per foot. The third layer consists of an undetermined thickness of loose, gray and orange, clayey sand (SC). The N-values of this layer are on the order of 6 to 7 blows per foot.

Groundwater was not encountered at the time of our investigation; however, we believe the wet season water table will occur as perched ground water at a depth of about 4.5 feet. For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

Discussion

We have performed a bearing capacity analysis for the immediate bearing soils within the building site and have assumed a conventional wall footing having a width of 18 inches. Additionally, we have assumed the bottom of this foundation to be embedded 14 inches below the finished surface grade. For this foundation and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 1.7 against a bearing capacity failure. It is therefore our opinion the subgrade soils in the proposed building area are suitable for shallow foundations and an allowable bearing capacity of 2,000 pounds per square foot.

We recommend the foundation and floor slab areas be proof-rolled using heavy, rubber-tired equipment. Additionally, we recommend foundation areas be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 2 feet below the bottoms of the foundations. Replacement soils, if required, should consist of clean, fine sand containing less than 10% passing the No. 200 sieve. This soil 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.

Our evaluation and recommendations are based upon subsurface conditions encountered at this site and as presented within this report. However, subsurface conditions may exist that differ substantially from our findings. Should substantially different site conditions be encountered, we request that we be notified such that these conditions may be evaluated and recommendations can be provided as appropriate.

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 / CEO

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

9/24/04
52612

B-1

Water Table: N/A

Depth (ft)	N-value	Soil Description
0		Tannish Gray SAND (SP)
	9	Loose, Dark Tannish Gray SAND (SP)
	6	
5	6	Loose, Tannish Gray SAND, Trace Clay (SP)
	7	Loose, Gray and Orange, SLIGHTLY CLAYEY SAND (SC)

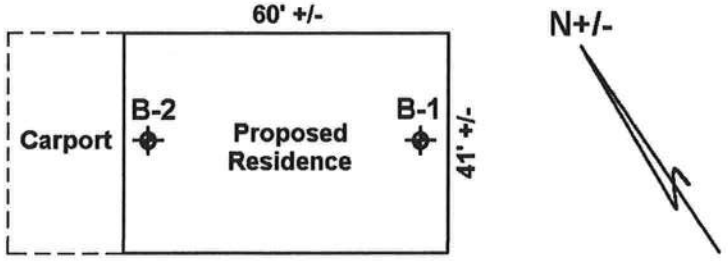
Wet Season Water Table: 4.5 ft.

B-2

Water Table: N/A

Depth (ft)	N-value	Soil Description
0		
	13	Medium Dense, Dark Tannish Gray SAND (SP)
	6	Loose, Dark Gray SAND with SILT (SP/SM)
5	6	Loose, Tannish Gray SAND, Trace Clay (SP)
	6	Loose, Gray and Orange, SLIGHTLY CLAYEY SAND (SC)

Wet Season Water Table: 4.5 ft.



Not to Scale

Boring Logs and Location Plan: Murphy Residence
S.W. Generations Loop
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JOB NO.: 04-455
DATE TESTED: 10/08/04
DATE REPORTED: 10/12/04

REPORT OF IN-PLACE DENSITY TEST

PROJECT:	Julie Murphy, 281 S.W. Generations Loop, Lake City, FL 32024
CLIENT:	Julie Murphy Residence
GENERAL CONTRACTOR:	Julie Murphy
EARTHWORK CONTRACTOR:	Julie Murphy
INSPECTOR:	Jody Beggs

ASTM METHOD	**SOIL USE**
(D-2922) Nuclear	Building Fill/Trench Backfill

SPECIFICATION REQUIREMENTS: 95%

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft^3)	MOISTURE PERCENT	DRY DENSITY (lb/ft^3)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
	#7 Footing							
1	5' S of E Corner	0-12"	118.0	13.4	104.1	2	106.7	97.5%
2	10 N of W Corner	0-12"	117.8	15.4	102.1	2	106.7	95.7%
3	25' S of W Corner	0-12"	118.0	15.7	102.0	2	106.7	95.6%
	Building Fill							
4	E Corner of Pad	0-12"	116.2	10.1	105.5	2	106.7	98.9%
5	Center of Pad	0-12"	117.0	8.4	107.9	2	106.7	101.2%
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REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS

PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
2	(Job #04-189)Grayish Tan Silty Fine Sand	106.7	9.4	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer

Linda M. Creamer
President - CEO

Reviewed By:

Date: 10/12/04
Florida Registration No: 52612

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CAL-TECH TESTING, INC.

FACSIMILE TRANSMITTAL SHEET

TO: Permit #000022335

FROM: Susie

COMPANY: Co. Bldg

DATE: 10/12/04

FAX NUMBER: 758-2160

TOTAL NO. OF PAGES INCLUDING COVER:

PHONE NUMBER:

REFERENCE:

NOTES/COMMENTS:

Density Test:

Julie Murphy Residence

P.O. BOX 1625 LAKE CITY, FL 32056

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FAX • 386-752-5456

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DATE TESTED: 10/08/04
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REPORT OF IN-PLACE DENSITY TEST

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ASTM METHOD	SOIL USE
(D-2922) Nuclear	Building Fill/Trench Backfill

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	Building Fill							
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CAL-TECH TESTING, INC.

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TO: Permit #000022335

FROM: Susie

COMPANY: Co. Bldg

DATE: 10/12/04

FAX NUMBER: 758-2160

TOTAL NO. OF PAGES INCLUDING COVER:

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NOTES/COMMENTS:

Density Test:

Julie Murphy Residence

P.O. BOX 1625 LAKE CITY, FL 32056

PHONE • 386-755-3633
FAX • 386-752-5456

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 15-6S-17-09678-010 Building permit No. 000022335

Use Classification SFD & UTILITY Fire: 22.68

Permit Holder DAVID & JULIE MURPHY Waste: 49.00

Owner of Building DAVID & JULIE MURPHY Total: 71.68

Location: 281 SW GENERATIONS LOOP, AMBERWOOD S/D LOT 10

Date: 05/05/2005

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 600A-01 — **Residential Whole Building Performance Method A** — **NORTH 1 2 3**

PROJECT NAME AND ADDRESS: MURPHY JOB		**BUILDER:** DAVID & JULIE MURPHY	
		PERMITTING OFFICE: COLUMBIA	**CLIMATE ZONE:** 1 ☐ 2 ☐ 3 ☒
OWNER: DAVID & JULIE MURPHY		**PERMIT NO.:** 22335	**JURISDICTION NO.:** 221000

	Please Type	CK
1. New construction or addition	1. NC	✓
2. Single family detached or Multifamily attached	2. SF	✓
3. If Multifamily—No. of units covered by this submission	3. —	
4. Is this a worst case? (yes / no)	4. NO	✓
5. Conditioned floor area (sq. ft.)	5. 2292 sq. ft.	✓
6. Predominant eave overhang (ft.)	6. 2 ft.	
7. Glass type and area:	Single Pane / Double Pane	
a. Clear glass	7a. 0 sq. ft. / 54 sq. ft.	✓
b. Tint, film or solar screen	7b. 0 sq. ft. / 169 sq. ft.	✓
8. Floor type and insulation:		
a. Slab-on-grade (R-value + perimeter)	8a. R= 0 , 212 l. ft.	✓
b. Wood, raised (R-value + sq. ft.)	8b. R= — , — sq. ft.	
c. Concrete, raised (R-value)	8c. R= — , — sq. ft.	
9. Net Wall type, area and insulation:		
a. Exterior: 1. Concrete block (Insulation R-value)	9a-1 R= 5 1637 sq. ft.	✓
2. Wood frame (Insulation R-value)	9a-2 R= — — sq. ft.	
3. Steel frame (Insulation R-value)	9a-3 R= — — sq. ft.	
4. Log (Insulation R-value)	9a-4 R= — — sq. ft.	
5. Other:		
b. Adjacent: 1. Concrete block (Insulation R-value)	9b-1 R= — — sq. ft.	
2. Wood frame (Insulation R-value)	9b-2 R= — — sq. ft.	
3. Steel frame (Insulation R-value)	9b-3 R= — — sq. ft.	
4. Log (Insulation R-value)	9b-4 R= — — sq. ft.	
10. Ceiling type, area and insulation:		
a. Under attic (Insulation R-value)	10a. R= 30 2292 sq. ft.	✓
b. Single assembly (Insulation R-value)	10b. R= — — sq. ft.	
c. Radiant barrier, IRCC or white roof installed?	10c. NO	
11. Air distribution system:		
a. Ducts (Insulation + Location)	11a. R= 6 , uncond. (cond./uncond.)	✓
b. Air Handler (Location)	11b. conditioned (cond./uncond.)	✓
12. Cooling system:	12a. Type: Central - single pkg	✓
(Types: central-split, central-single pkg., room unit, PTAC., gas, none)	12b. SEER/EER/COP: 12	✓
	12c. Capacity: 40,000 BTU	✓
13. Heating system:	13a. Type: heat pump	✓
(Types: heat pump, elec. strip, nat. gas, L.P. gas, gas h.p., room or PTAC, none)	13b. HSPF/COP/AFUE: 8	✓
	13c. Capacity: 39,000 BTU	✓
14. Hot water system:	14a. Type: Electric	✓
(Types: elec., natural gas, solar, L.P. gas, none)	14b. EF: .84	✓
15. Hot Water Credits:	15a. Yes	✓
a. Heat Recovery (HR)	15b. —	
b. Dedicated Heat Pump(DHP)	15c. —	
c. Solar		
16. HVAC Credits	16. CF,	✓
(Use: CF-Ceiling Fan, CV-Cross vent, PT-Programmable thermostat, HF-Whole house fan, MZ-Multizone)		
17. COMPLIANCE STATUS: (PASS if As-Built Pts. are less than Base Pts.)	17. PASS	✓
a. Total As-Built points b. Total Base points	17a. 25,204.76 17b. 48,141.89	✓

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

PREPARED BY: [signature] **DATE:** 9-22-04

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

OWNER AGENT: [signature] **DATE:** 9-22-04

Review of 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.

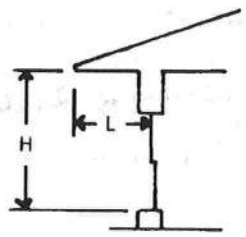
BUILDING OFFICIAL: _____

DATE: _____

SUMMER CALCULATIONS

CLIMATE ZONES 1 2 3

GLASS



OVERHANG RATIO = OH LENGTH / OH HEIGHT

ORIENTATION	OVERHANG LENGTH OH (FEET)	OH HEIGHT	OH RATIO	GLASS AREA (SQ. FT.)	SINGLE-PANE SUMMER POINT MULTIPLIER CLEAR	SINGLE-PANE SUMMER POINT MULTIPLIER TINT[2]	DOUBLE-PANE SUMMER POINT MULTIPLIER CLEAR	DOUBLE-PANE SUMMER POINT MULTIPLIER TINT[2]	SUMMER OH FACTOR (from 6A-1)	AS-BUILT GLASS SUMMER PTS
N					20.36	16.45	19.22	15.78		
NE	6	1		75	31.37	25.94	28.72	23.92	.619	1110.486
E					44.69	37.38	40.22	33.76		
SE	11			25	45.41	38.01	40.86	34.32	1.00	858
S					38.10	31.72	34.50	28.87		
SW	2	.3		60	42.67	35.65	38.46	32.25	.866	1675.71
W					40.92	34.13	36.99	30.98		
NW	27	4.5		9	27.55	22.64	25.46	21.12	.516	98.081
H[1]	0			0	79.26	65.61	72.73	60.66		
NE	6	1		18			28.72		.619	319.998
SW	2	.3		22			38.46		.866	732.740
NW	27	4.5		14			25.46		.516	183.923

GLASS		COND FLOOR AREA	WEIGHTED GLASS MULTIPLIER	BASE GLASS SUBTOTAL
	.18 x		x	=
	.18	2292	20.04	8267.70

AS-BUILT GLASS SUBTOTAL 4978.938

	COMPONENT DESCRIPTION	AREA	x BASE SUMMER POINT. MULT.	= BASE SUMMER POINTS	COMPONENT DESCRIPTION	AREA	x SUMMER POINT. MULT. (6A-2 THRU 6A-6)	= AS-BUILT SUMMER POINTS
WALL	EXTERIOR	1637	1.7	2782.9	Ext. Block	1637	1.0	1637
	ADJACENT		.7					
DOORS	EXTERIOR	119	6.1	725.9	Ext. Insulated	119	4.1	487.9
	ADJACENT		2.4					
CEILING	UNDER ATTIC OR SINGLE ASSEMBLY	2292	1.73	3965.16	UNDER Attick	2292	1.73	3965.16
					RBS/IRCC/white roof[3]		x	
	BASE CEILING AREA EQUALS FLOOR AREA DIRECTLY UNDER CEILING, AS-BUILT CEILING AREA EQUALS ACTUAL CEILING SQUARE FOOTAGE.							
FLOOR	SLAB (PERIMETER)	212	-37.0	-7844	SLAB R=0	212	-41.2	-8734.40
	RAISED (AREA)		-3.99					
	FOR SLAB ON GRADE USE PERIMETER LENGTH AROUND CONDITIONED FLOOR. FOR RAISED FLOORS USE AREA OVER UNCONDITIONED SPACE.							
INFILTRATION & INTERNAL GAINS		2292	10.21	23401.32		2292	10.21	23401.32
	USE TOTAL FLOOR AREA OF CONDITIONED SPACE.							
TOTAL COMPONENT BASE SUMMER POINTS				31298.98	TOTAL COMPONENT AS-BUILT SUMMER POINTS			25735.918

COOLING SYSTEM	Base Cooling System Multiplier	x Total Base Summer Points	= BASE COOLING POINTS
	.43	31298.98	13458.5614

TOTAL AS-BUILT SUM. PTS.	x As-Built DM (6A-8)	x As-Built DSM (6A-20)	x As-Built AHU (6A-7)	x As-Built CSM (6A-9)	x As-Built CCM (6A-19)	= AS-BUILT COOLING COINTS
25735.92	1.090	1.15 or 1.0	.91	.28	.95	7808.85

HOT WATER SYSTEM	Number of bedrooms	x Base Hot Water Multiplier	= BASE HOT WATER POINTS
	3	2746	8238

AS-BUILT HOT WATER SYSTEM DESC.	Number of bedrooms	x As-Built HWM (6A-22)	x As-Built HWCM (6A-23)	= AS-BUILT HOT WATER POINTS
ELECTRIC	3	2876	.84	7247.52

[1]H = HORIZONTAL GLASS (SKYLIGHTS) [2]FOR GLASS WITH KNOWN SHGC, SEE SECTION 2.1.1 APPENDIX C. TINT MULTIPLIERS MAY BE USED FOR GLASS WITH SOLAR SCREENS, FILM, OR TINT. [3]MUST MEET CRITERIA OF S. 607.1.A.

SUMMER POINT MULTIPLIERS (SPM)

CLIMATE ZONES 1 2 3

6A-1 SUMMER OVERHANG FACTORS (SOF) FOR SINGLE AND DOUBLE PANE GLASS.

SELECT BY OR	OH Ratio	.00-.11	.12-.17	.18-.26	.27-.35	.36-.46	.47-.57	.58-.70	.71-.83	.84-1.18	1.19-1.72	1.73-2.73	2.74 & up
	North	1.00	0.993	0.971	0.930	0.888	0.842	0.803	0.766	0.736	0.681	0.634	0.593
	Northeast	1.00	0.996	0.967	0.907	0.845	0.775	0.717	0.662	0.619	0.545	0.487	0.441
	East	1.00	0.994	0.963	0.898	0.827	0.745	0.675	0.609	0.558	0.470	0.405	0.357
	Southeast	1.00	0.998	0.952	0.864	0.777	0.689	0.623	0.566	0.525	0.459	0.413	0.379
	South	1.00	0.989	0.931	0.835	0.751	0.675	0.620	0.575	0.543	0.493	0.458	0.432
	Southwest	1.00	0.998	0.953	0.866	0.779	0.691	0.623	0.565	0.522	0.453	0.404	0.368
	West	1.00	0.994	0.963	0.899	0.828	0.748	0.681	0.617	0.569	0.485	0.422	0.375
	Northwest	1.00	0.996	0.968	0.913	0.858	0.797	0.748	0.702	0.667	0.605	0.556	0.516
	OH Length	0.0'	1.0'	1.5'	2.0'	3.0'	3.5'	4.5'	5.5'	6.5'	9.5'	14.0'	20.0'

6A-2 WALL SUMMER POINT MULTIPLIERS (SPM)

FRAME					CONCRETE BLOCK (NORMAL WT)				FACE BRICK				LOG		
	WOOD		STEEL			INTERIOR INSULATION		EXT. INSUL.	R-VALUE	WOOD FR	R-VALUE	BLOCK		6 INCH	8 INCH
R-VALUE	EXT	ADJ	EXT	ADJ	R-VALUE	EXT	ADJ	EXT	0-6.9	2.4	0-2.9	1.0			
0-6.9	5.5	2.2	7.6	2.8	0-2.9	2.2	1.1	2.2	7-10.9	.6	3-6.9	.6	R-VALUE	EXT	EXT
7-10.9	2.1	.8	3.5	1.3	3-4.9	1.3	.8	.8	11-18.9	.4	7-9.9	.4	0-2.9	1.5	1.0
11-12.9	1.7	.7	2.7	1.0	5-6.9	1.0	.7	.5	19-25.9	.2	10 & UP	.2	3-6.9	1.0	.7
13-18.9	1.5	.6	2.5	0.9	7-10.9	.7	.5	.3	26 & Up	.1			7 & Up	.8	.6
19-25.9	.9	.4	2.2	0.8	11-18.9	.4	.4	0							
26& Up	.6	.2	1.2	0.4	19-25.9	.2	.2								
					26 & Up	.1	.1								

NOTE: SEE SECTION 2.0 OF APPENDIX C FOR MULTIPLIERS OF ENVELOPE COMPONENTS NOT ON THIS FORM.

6A-3 DOOR SUMMER POINT MULTIPLIERS (SPM)

DOOR TYPE	EXTERIOR	ADJACENT
WOOD	6.1	2.4
INSULATED	4.1	1.6

6A-4 CEILING SUMMER POINT MULTIPLIERS (SPM)

UNDER ATTIC		SINGLE ASSEMBLY		CONCRETE DECK ROOF		
					CEILING TYPE	
R-VALUE	SPM	R-VALUE	SPM	R-VALUE	EXPOSED	DROPPED
19-21.9	2.34	10-10.9	8.49	10-13.9	9.13	8.47
22-25.9	2.11	11-12.9	7.97	14-20.9	6.80	6.45
26-29.9	1.89	13-18.9	7.14	21 & Up	4.92	4.63
30-37.9	1.73	19-25.9	5.64			
38 & Up	1.52	26-29.9	4.75			
RBS Credit	0.700	30 & Up	4.40			
IRCC Credit	0.849					
White Roof Credit	0.550					

6A-5 FLOOR SUMMER POINT MULTIPLIERS (SPM)

SLAB-0N-GRADE EDGE INSULATION		RAISED CONCRETE		RAISED WOOD			
					POST OR PIER CONSTRUCTION	STEM WALL w/ UNDER FLOOR INSULATION	ADJACENT
R-VALUE	SPM	R-VALUE	SPM	R-VALUE	SPM	SPM	SPM
0-2.9	-41.2	0-2.9	-.8	0-6.9	2.80	-4.7	2.2
3-4.9	-37.2	3-4.9	-1.3	7-10.9	1.34	-2.3	.8
5-6.9	-36.2	5-6.9	-1.3	11-18.9	1.06	-1.9	.7
7 & Up	-35.7	7 & Up	-1.3	19 & Up	.77	-1.5	.4

6A-6 INFILTRATION & INTERNAL GAINS (SPM)

Air Infiltration	3.44
Internal Gains	+ 6.77
Infiltration/Internal Gains (Combined)	10.21

6A-7 AIR HANDLER MULTIPLIERS (SPM)

Located in garage	1.00
Located in conditioned area	0.91
Located on exterior of building	1.02
Located in attic	1.11

6A-8 DUCT MULTIPLIERS (DM) See Table 6-10 for Code minimums.

SUPPLY DUCTS IN:	DUCT R-Value	RETURN DUCTS In:				
		Unconditioned space	Attic/ RBS	Attic/ IRCC	Attic/ White roof	Conditioned space
Unconditioned Space	4.2	1.118	1.111	1.112	1.089	1.107
	6.0	1.090	1.084	1.085	1.066	1.081
	8.0	1.071	1.066	1.067	1.051	1.064
Attic/Radiant Barrier (RBS)	4.2	1.072	1.066	---	---	1.061
	6.0	1.056	1.051	---	---	1.047
	8.0	1.045	1.041	---	---	1.037
Attic/Interior Radiation Control Coatings (IRCC)	4.2	1.099	---	1.092	---	1.084
	6.0	1.076	---	1.071	---	1.065
	8.0	1.061	---	1.057	---	1.052
Attic/White Roof	4.2	1.068	---	---	1.096	1.057
	6.0	1.051	---	---	1.071	1.043
	8.0	1.040	---	---	1.055	1.034
Conditioned Space	4.2	1.006	1.005	1.007	1.008	1.000
	6.0	1.005	1.004	1.005	1.006	1.000
	8.0	1.004	1.003	1.004	1.005	1.000

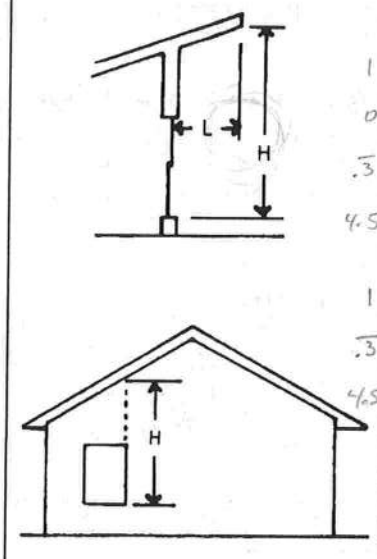
6A-9 COOLING SYSTEM MULTIPLIERS (CSM)

SYSTEM TYPE See Table 6-3 for Code minimums		COOLING SYSTEM MULTIPLIERS (CSM)										
Central Units (SEER)	Rating		7.5-7.9	8.0-8.4	8.5-8.8	8.9-9.4	9.5-9.9	10.0-10.4	10.5-10.9	11.0-11.4	11.5-11.9	12.0-12.4
	CSM		.45	.43	.40	.38	.36	.34	.32	.31	.30	.28
PTAC & Room Units (EER)	Rating	12.5-12.9	13.0-13.4	13.5-13.9	14.0-14.4	14.5-14.9	15.0-15.4	15.5-15.9	16.0-16.4	16.5-16.9	17.0-17.4	17.5 & Up
	CSM	.27	.26	.25	.24	.24	.23	.22	.21	.21	.20	.19

WINTER CALCULATIONS

CLIMATE ZONES 1 2 3

GLASS



	ORIENTATION	OVERHANG LENGTH OH (FEET)	GLASS AREA (SQ. FT.)	SINGLE-PANE WINTER POINT MULTIPLIER CLEAR	SINGLE-PANE WINTER POINT MULTIPLIER TINT²	OR DOUBLE-PANE WINTER POINT MULTIPLIER CLEAR	OR DOUBLE-PANE WINTER POINT MULTIPLIER TINT²	WINTER OH FACTOR (from 6A-10)	AS-BUILT GLASS WINTER PTS
	N			27.44	28.16	14.30	14.91		
1	NE	6	75	26.36	27.23	13.40	(14.13)	1.040	1102.14
	E			21.24	22.78	9.09	10.43		
0	SE	1	25	16.92	19.03	5.33	(7.18)	1.00	179.5
	S			15.42	17.73	4.03	6.05		
.3	SW	2	60	19.06	20.91	7.17	(8.77)	1.070	563.034
	W			23.35	24.63	10.76	11.87		
4.5	NW	27	9	27.15	27.91	14.03	(14.68)	1.036	136.876
	H[1]	-	-	22.78	24.78	8.45	10.23		
1	NE	6	18			13.40		1.040	250.85
.3	SW	2	22			7.17		1.070	168.78
4.5	NW	27	14			14.03		1.036	203.49

GLASS	.18 x	COND FLOOR AREA	x	WEIGHTED GLASS MULTIPLIER	=	BASE GLASS SUBTOTAL
	.18	2292		12.74		29200.08

AS-BUILT GLASS SUBTOTAL: 2604.67

	COMPONENT DESCRIPTION	AREA	x	BASE WINTER POINT. MULT.	=	BASE WINTER POINTS
WALL	EXTERIOR	1637		3.7		6056.9
	ADJACENT			3.6		
DOORS	EXTERIOR	119		12.3		1463.7
	ADJACENT			11.5		
CEILING	UNDER ATTIC OR SINGLE ASSEMBLY	2292		2.05		4698.6
FLOOR	SLAB (PERIMETER)	212		8.9		1886.8
	RAISED (AREA)			.96		

	COMPONENT DESCRIPTION	AREA	x	WINTER POINT. MULT. (6A-11THRU 6A-15)	=	AS-BUILT WINTER POINTS
WALL	Ext Block	1637		5.7		9330.9
DOORS	Ext. Insul	119		8.4		999.6
CEILING	Under attack	2292		2.05		4698.6
	RBS/IRCC/white roof[3]			x		
FLOOR	SLAB R0	212		18.8		3485.6

BASE CEILING AREA EQUALS FLOOR AREA DIRECTLY UNDER CEILING, AS-BUILT CEILING AREA EQUALS ACTUAL CEILING SQUARE FOOTAGE.

FOR SLAB ON GRADE USE PERIMETER LENGTH AROUND CONDITIONED FLOOR. FOR RAISED FLOORS USE AREA OVER UNCONDITIONED SPACE.

INFILTRATION & INTERNAL GAINS	2292	-0.58	-1329.36		2292	-0.58	-1329.36

USE TOTAL FLOOR AREA OF CONDITIONED SPACE.

TOTAL COMPONENT BASE WINTER POINTS	41976.72

TOTAL COMPONENT AS-BUILT WINTER POINTS	20290.01

HEATING SYSTEM	Base Heating System Multiplier	x	Total Base Summer Points	=	BASE HEATING POINTS
	.63		41976.72		26445.33

TOTAL AS-BUILT SUM. PTS.	As-Built DM (6A-17)	x	As-Built DSM (6A-20)	x	As-Built AHU (6A-16)	x	As-Built HSM (6A-18)	x	As-Built HCM (6A-21)	=	AS-BUILT HEATING POINTS
20290.01	1.069		(1.17) or 1.0		.93		.43		-		10148.39

TOTAL	BASE COOLING POINTS (From P. 2)	+	BASE HEATING POINTS	+	BASE HOT WATER POINTS (From P. 2)	=	TOTAL BASE POINTS (Enter on P. 1)
	13458.56		26445.33		8238		48141.89

AS-BUILT COOLING POINTS (From P. 2)	+	AS-BUILT HEATING POINTS	+	AS-BUILT HOT WATER POINTS (From P. 2)	=	TOTAL AS-BUILT POINTS (Enter on P. 1)
7808.85		10148.39		7247.52		25204.76

[1]H = HORIZONTAL GLASS (SKYLIGHTS) [2]FOR GLASS WITH KNOWN SHGC, SEE SECTION 2.1.1 APPENDIX C. TINT MULTIPLIERS MAY BE USED FOR GLASS WITH SOLAR SCREENS, FILM, OR TINT. [3]MUST MEET CRITERIA OF S. 607.1.A.

WINTER POINT MULTIPLIERS (WPM)

CLIMATE ZONES 1 2 3

6A-10 WINTER OVERHANG FACTORS (WOF)

SELECT BY OR	OH Ratio	.00-.11	.12-.17	.18-.26	.27-.35	.36-.46	.47-.57	.58-.70	.71-.83	.84-1.18	1.19-1.72	1.73-2.73	2.74 & up
	North	1.00	1.000	1.001	1.003	1.005	1.009	1.011	1.014	1.016	1.021	1.024	1.027
	Northeast	1.00	0.998	1.001	1.008	1.015	1.023	1.029	1.035	1.040	1.049	1.056	1.061
	East	1.00	1.007	1.018	1.040	1.069	1.109	1.150	1.198	1.242	1.338	1.429	1.507
	Southeast	1.00	1.014	1.043	1.111	1.202	1.332	1.472	1.635	1.787	2.113	2.412	2.650
	South	1.00	0.994	1.032	1.142	1.308	1.563	1.845	2.175	2.471	3.042	3.450	3.661
	Southwest	1.00	1.006	1.025	1.070	1.131	1.217	1.308	1.413	1.508	1.708	1.888	2.031
	West	1.00	1.002	1.010	1.027	1.049	1.077	1.102	1.128	1.149	1.187	1.217	1.238
	Northwest	1.00	0.999	1.000	1.004	1.008	1.012	1.016	1.019	1.022	1.028	1.032	1.036
	OH Length	0.0'	1.0'	1.5'	2.0'	3.0'	3.5'	4.5'	5.5'	6.5'	9.5'	14.0'	20.0'

6A-11 WALL WINTER POINT MULTIPLIERS (WPM)

FRAME					CONCRETE BLOCK (NORMAL WT)				FACE BRICK				LOG		
	WOOD		STEEL			INTERIOR INSULATION		EXT. INSUL.	R-VALUE	WOOD FR	R-VALUE	BLOCK		6 INCH	8 INCH
R-VALUE	EXT	ADJ	EXT	ADJ	R-VALUE	EXT	ADJ	EXT	0-6.9	12.6	0-2.9	7.9	R-VALUE	EXT	EXT
0-6.9	11.1	10.4	15.1	13.1	0-2.9	11.2	6.8	11.2	7-10.9	4.2	3-6.9	5.7	0-2.9	4.5	3.0
7-10.9	4.4	4.4	7.3	6.6	3-4.9	7.3	5.1	5.6	11-18.9	3.5	7-9.9	3.8	3-6.9	2.8	2.2
11-12.9	3.7	3.6	5.7	5.2	5-6.9	5.7	4.2	4.3	19-25.9	2.2	10 & UP	3.0	7 & Up	2.1	1.7
13-18.9	3.4	3.3	5.2	4.9	7-10.9	4.6	3.5	3.3	26 & Up	1.4					
19-25.9	2.2	2.2	4.6	4.4	11-18.9	3.0	2.6	2.2							
26& Up	1.5	1.5	2.7	2.6	19-25.9	1.9	1.7								
					26 & Up	1.3	1.2								

NOTE: SEE SECTION 2.0 OF APPENDIX C FOR MULTIPLIERS OF ENVELOPE COMPONENTS NOT ON THIS FORM.

6A-12 DOOR WINTER POINT MULTIPLIERS (WPM)

DOOR TYPE	EXTERIOR	ADJACENT
WOOD	12.3	11.5
INSULATED	8.4	8.0

6A-13 CEILING WINTER POINT MULTIPLIERS (WPM)

UNDER ATTIC		SINGLE ASSEMBLY		CONCRETE DECK ROOF		
R-VALUE	WPM	R-VALUE	WPM		CEILING TYPE	
19-21.9	2.70	10-10.9	2.87	R-VALUE	EXPOSED	DROPPED
22-25.9	2.45	11-12.9	2.70	10-13.9	3.16	2.91
26-29.9	2.22	13-18.9	2.40	14-20.9	2.31	2.14
30-37.9	2.05	19-25.9	1.86	21 & Up	1.47	1.47
38 & Up	1.81	26-29.9	1.54			
RBS Credit	0.850	30 & Up	1.43			
IRCC Credit	0.912					
White Roof Credit	1.044					

6A-14 FLOOR WINTER POINT MULTIPLIERS (WPM)

SLAB-0N-GRADE EDGE INSULATION		RAISED CONCRETE		RAISED WOOD			
					POST OR PIER CONSTRUCTION	STEM WALL w/ UNDER FLOOR INSULATION	ADJACENT
R-VALUE	WPM	R-VALUE	WPM	R-VALUE	WPM	WPM	WPM
0-2.9	18.8	0-2.9	9.9	0-6.9	5.77	3.5	10.4
3-4.9	9.3	3-4.9	5.1	7-10.9	2.20	1.6	4.4
5-6.9	7.6	5-6.9	3.6	11-18.9	1.55	1.2	3.6
7 & Up	7.0	7 & Up	2.9	19 & Up	0.88	.8	2.2

6A-15 INFILTRATION & INTERNAL GAINS (WPM)

Air Infiltration	2.13
Internal Gains	- 2.72
Infiltration/Internal Gains (Combined)	-0.58

6A-16 AIR HANDLER MULTIPLIERS (WPM)

Located in garage	1.00
Located in conditioned area	0.93
Located on exterior of building	1.07
Located in attic	1.10

6A-17 DUCT MULTIPLIERS (DM) See Table 6-10 for Code minimums.

SUPPLY DUCTS IN:	DUCT R-Value	RETURN DUCTS In:				
		Unconditioned space	Attic/ RBS	Attic/ IRCC	Attic/ White roof	Conditioned space
Unconditioned Space	4.2	1.093	1.086	1.088	1.089	1.081
	6.0	1.069	1.064	1.065	1.066	1.060
	8.0	1.053	1.049	1.051	1.051	1.046
Attic/Radiant Barrier (RBS)	4.2	1.067	1.059	---	---	1.052
	6.0	1.051	1.045	---	---	1.040
	8.0	1.040	1.036	---	---	1.032
Attic/Interior Radiation Control Coatings (IRCC)	4.2	1.096	---	1.088	---	1.077
	6.0	1.072	---	1.066	---	1.057
	8.0	1.056	---	1.052	---	1.045
Attic/White Roof	4.2	1.104	---	---	1.096	1.083
	6.0	1.076	---	---	1.071	1.061
	8.0	1.059	---	---	1.055	1.048
Conditioned Space	4.2	1.008	1.007	1.010	1.008	1.000
	6.0	1.006	1.005	1.007	1.006	1.000
	8.0	1.005	1.004	1.006	1.005	1.000

6A-18 HEATING SYSTEM MULTIPLIERS (HSM)

SYSTEM TYPE See Tables 6-6 to 6-8 for code minimums	HEATING SYSTEM MULTIPLIERS (HSM)								
Central Heat Pump Units	HSPF	6.40-6.79	6.80-6.89	6.90-7.39	7.40-7.89	7.90-8.39	8.40-8.89	8.9-9.39	9.4-9.89
	HSM	.53	.50	.49	.46	.43	.41	.38	.36
	HSPF	9.90-10.39	10.40-10.89	10.90-11.39	11.40-11.89	11.90-12.39	12.40 & up		
	HSM	.34	.33	.31	.30	.29	.28		
PTHP	COP	2.50-2.69	2.70-2.89	2.90-3.09	3.10-3.29	3.30-3.49	3.50-3.69	3.70-3.89	3.90-4.19
	HSM	.40	.37	.34	.32	.30	.29	.27	.26
Electric Strip & Gas	1.0 (for gas credit multipliers, see Table 6A-21)								

6A-19 COOLING CREDIT MULTIPLIERS (CCM)

SYSTEM TYPE	Cooling credit multipliers (CCM)
Ceiling Fans	.95*
Cross Ventilation	.95*
Whole House Fan	.95*
Multizone	.95
Programmable Thermostat	.95

**Credit may be taken for only one system type concurrently.*

6A-20 AIR DISTRIBUTION SYSTEM CREDIT MULTIPLIERS

TYPE CREDIT	Prescriptive requirements	Multiplier
Airtight Duct credit[1]	610.1.A.1	1.00
Factory-sealed AHU credit[2]	610.2.A.2.1	0.95

[1]Duct Sealing Multiplier (DSM) shall be 1.15 (summer) or 1.17 (winter) unless Airtight Duct credit is demonstrated by test report.

[2]Multiply Factory-sealed AHU credit by summer (Table 6A-7) or winter (Table 6A-16) AHU multiplier. Insert total in the "AS-Built AHU" box on page 2 or 4.

6A-21 HEATING CREDIT MULTIPLIERS (HCM)

SYSTEM TYPE		HEATING CREDIT MULTIPLIERS (HCM)					
Programmable Thermostat	HCM	.95					
Multizone	HCM	.95					
Natural Gas	AFUE	.68-.72	.73-.77	.78-.82	.83-.87	.88-.92	.93 & Up
	HCM	.59	.55	.51	.48	.45	.43
LP Gas	HCM	.79	.74	.69	.65	.61	.58

6A-22 HOT WATER MULTIPLIERS (HWM)

SYSTEM TYPE See Table 6-12 for Code minimums		HOT WATER MULTIPLIERS (HWM)										
Electric Resistance	EF				.80-.81	.82-.83	.84-.85	.86-.87	.88-.90	.91-.93	.94-.96	.97 & Up
	HWM				3020	2946	2876	2809	2746	2655	2571	2491
Natural Gas	EF	.43-.47	.48-.49	.50-.51	.52-.53	.54-.55	.56-.57	.58-.59	.60-.61	.62-.63	.64-.65	.66 & Up
	HWM	2231	1998	1918	1844	1776	1713	1654	1599	1547	1498	1453
LP Gas	HWM	3029	2713	2605	2505	2411	2326	2245	2171	2101	2035	1973
Ded. HP or Solar System with Tank	EF	1.0-1.49	1.5-1.99	2.0-2.49	2.5-2.99	3.0-3.49	3.5-3.99	4.0-4.49	4.5-4.99	5.0-Up		
	HWM	2416	1611	1208	966	805	690	604	537	483		

6A-23 HOT WATER CREDIT MULTIPLIERS (HWCM)

SYSTEM TYPE	HOT WATER CREDIT MULTIPLIERS (HWCM)					
Heat Recovery Unit	With	Air Conditioner		Heat Pump		
	HWCM	.84		.78		
Add-on Dedicated Heat Pump (without tank)	EF	2.0-2.49	2.5-2.99	3.0-3.49		3.5 & Up
	HWCM	.44	.35	.29		.25
Add-on Solar Water Heater (without tank)	EF	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0 & Up
	HWCM	.84	.42	.28	.21	.17

NOTE: A HWM must be used in conjunction with all HWCM. See Table 6A-22. EF Means Energy Factor.

6A-24 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Max: .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 & 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	Seal: 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.	NA
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	✓

6A-25 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 for vertical pipe risers.	✓
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%.	NA
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 minimum 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.	✓

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address

City Phone

Site Location Subdivision

Lot# Block# Permit# # 22335

Address

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body				
Patio/s #				
Stoop/s #				
Porch/s #	Murphy Job			
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied Termidor %

Remarks

Applicator - White • Permit File - Canary • Permit Holder - Pink

Notice of Treatment

11196

Applicator Florida Pest Control & Chemical Co.

Address 536 SE Baya Dr.

City Lake City **Phone** (386) 752-1703

Site Location **Subdivision** Amberwood

Lot# 10 **Block#** _____ **Permit#** 000022335

Address 281 Sw Generations Loop Lake City

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body				
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation	05-02-05	935	85	RD Crawford
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied Termidor WG 80 .06 %

Remarks _____

Applicator - White • Permit File - Canary • Permit Holder - Pink

Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 11196

Address Baya Ave

City Lake City **Phone** 752703

Site Location **Subdivision** Amberwood

Lot# 10 **Block#** _____ **Permit#** 22335

Address 281 SW Generations Loop

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	10/9/04	1000	231	F254
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied TERMIDOR 06 %

Remarks Exterior not completed

Applicator - White • Permit File - Canary • Permit Holder - Pink