DATE 02/08/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000022787

APPLICANT BRYAN ZECHER PHONE 386.752.8653

ADDRESS POB 815 LAKE CITY FL 32056

OWNER ABRAHAM & PAM PALLAS PHONE

ADDRESS 143 SW CYPRESSWOOD GLN LAKE CITY FL 32024

CONTRACTOR BRYAN ZECHER PHONE 386.752.8653

LOCATION OF PROPERTY 441-S TO C-349,TR TO MAGNOLIA PLACE, TL TO STOP SIGN, LOT ON R.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 154950.00

HEATED FLOOR AREA 3099.00 TOTAL AREA 4082.00 HEIGHT 31.50 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 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 XPP DEVELOPMENT PERMIT NO.

PARCEL ID 25-5S-16-09415-120 SUBDIVISION MAGNOLIA PLACE

LOT 20 BLOCK PHASE UNIT TOTAL ACRES 5.00

000000531	N	CBC054575		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
18"X32'MITERED	04-1194-N	BLK	RTJ	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE

1ST FLOOR ELEVATION MUST MEET PLAT REQUIREMENTS. SEE ATTACHED.

ELEVATION LETTER REQUIRED. Check # or Cash 2419

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power ____ date/app. by

Foundation ____ date/app. by

Monolithic (footer/Slab) ____ 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 $	775.00	CERTIFICATION FEE $	20.41	SURCHARGE FEE $	20.41
MISC. FEES $	.00	ZONING CERT. FEE $	50.00	FIRE FEE $	
WASTE FEE $		FLOOD ZONE DEVELOPMENT FEE $		CULVERT FEE $	25.00
TOTAL FEE	890.82				

INSPECTORS OFFICE CMV CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0501-46 Date Received 1-19-05 By GT Permit # 531/22787

Application Approved by - Zoning Official BLK Date 03.02.05 Plans Examiner _____ Date _____

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

Comments 1ST Floor Elevation must meet Plat requirements See Attached Elevation letter Required

Applicants Name Bryan Tecker Phone 752-0653

Address PO Box 815 Lake City, FL 32056

Owners Name Ab & Pam Pallas Phone 752 B653

911 Address 143 SW Cypresswood Gln, Lake City, FL 32024

Contractors Name Bryan Tecker Construction, Inc Phone 752 B653

Address PO Box 815 Lake City, FL 32056

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Teera Rutto / Mark Disoway

Mortgage Lenders Name & Address Campus USA

Property ID Number 27-55-16-09415-120 Estimated Cost of Construction $ 340,000-

Subdivision Name Magnolia Place Lot 20 Block ____ Unit ____ Phase ____

Driving Directions 441 South to 349, T/R to Magnolia Place, T/L to stop sign, lot on right

Type of Construction New home Number of Existing Dwellings on Property Ø

Total Acreage 5 acr Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 125 (FRONT) Side 100' Side 260' Rear 307'

Total Building Height 31'5" Number of Stories 2 Heated Floor Area 3099 Roof Pitch 8/12

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

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

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

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CBC054575

Competency Card Number _____

STATE OF FLORIDA
COUNTY OF COLUMBIA.

Sworn to (or affirmed) and subscribed before me

this _____ day of _____ 20____.

Personally known_____ or Produced Identification_____

NOTARY STAMP/SEAL

Notary Signature

KEY SHEET

"MAGNOLIA PLACE"

A SUBDIVISION OF PART OF SECTION 27, TOWNSHIP 5 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.

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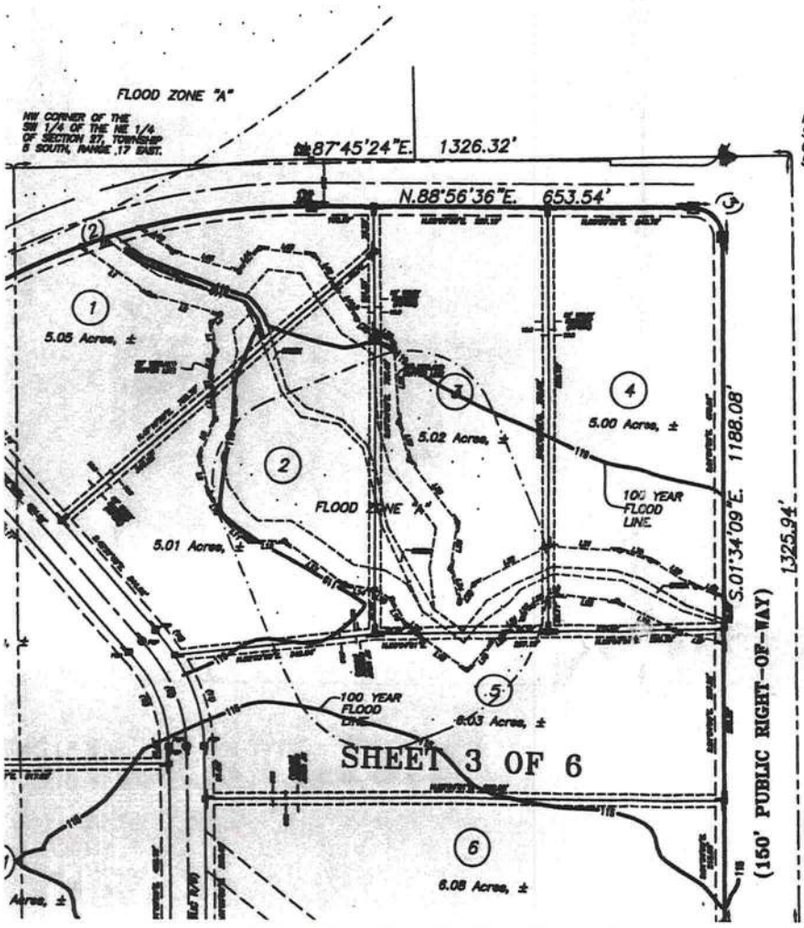
MINIMUM FLOOR ELEVATIONS:
LOTS 1 – 4 MINIMUM FINISHED FLOOR ELEVATION SHALL BE THE HIGHER OF: ELEVATION 120.0 FEET NGVD 29 DATUM OR 1 FOOT ABOVE THE ROADWAY OR 8" ABOVE THE HIGHEST ADJACENT GRADE.

LOTS 5 – 25 MINIMUM FINISHED FLOOR ELEVATION SHALL BE THE HIGHER OF: ELEVATION 116.0 FEET NGVD 29 DATUM OR 1 FOOT ABOVE THE ROADWAY OR 8" ABOVE THE HIGHEST ADJACENT GRADE.



DITCH MAINTENANCE EASEMENT:
THE 15' UTILITY AND DRAINAGE EASEMENTS ALONG SW CHERRYWOOD WAY, SW CYPRESSWOOD GLEN AND SW CEDARWOOD GLEN ARE ALSO FOR THE MAINTENANCE OF THE ROAD DITCHES ALONG THESE ROADWAYS. FENCES AND OTHER IMPROVEMENTS WHICH WOULD HAMPER OR OBSTRUCT SUCH MAINTENANCE MUST BE SET ON THE LOT SIDE OF SAID ROAD FRONT EASEMENT.

CUR

NO.	RADIUS	DELTA
1	1185.92'	37°04'54"
2	1105.92'	41°24'25"
3	50.00'	89°29'15"
4	1185.92'	08°25'49"
5	1185.92'	18°59'41"
6	1185.92'	09°39'24"
7	1105.92'	37°06'19"
8	30.00'	90°00'00"
9	30.00'	94°18'06"
10	330.00'	09°36'07"
11	330.00'	30°55'43"
12	270.00'	40°31'50"
13	300.00'	40°31'50"
14	30.00'	89°59'34"

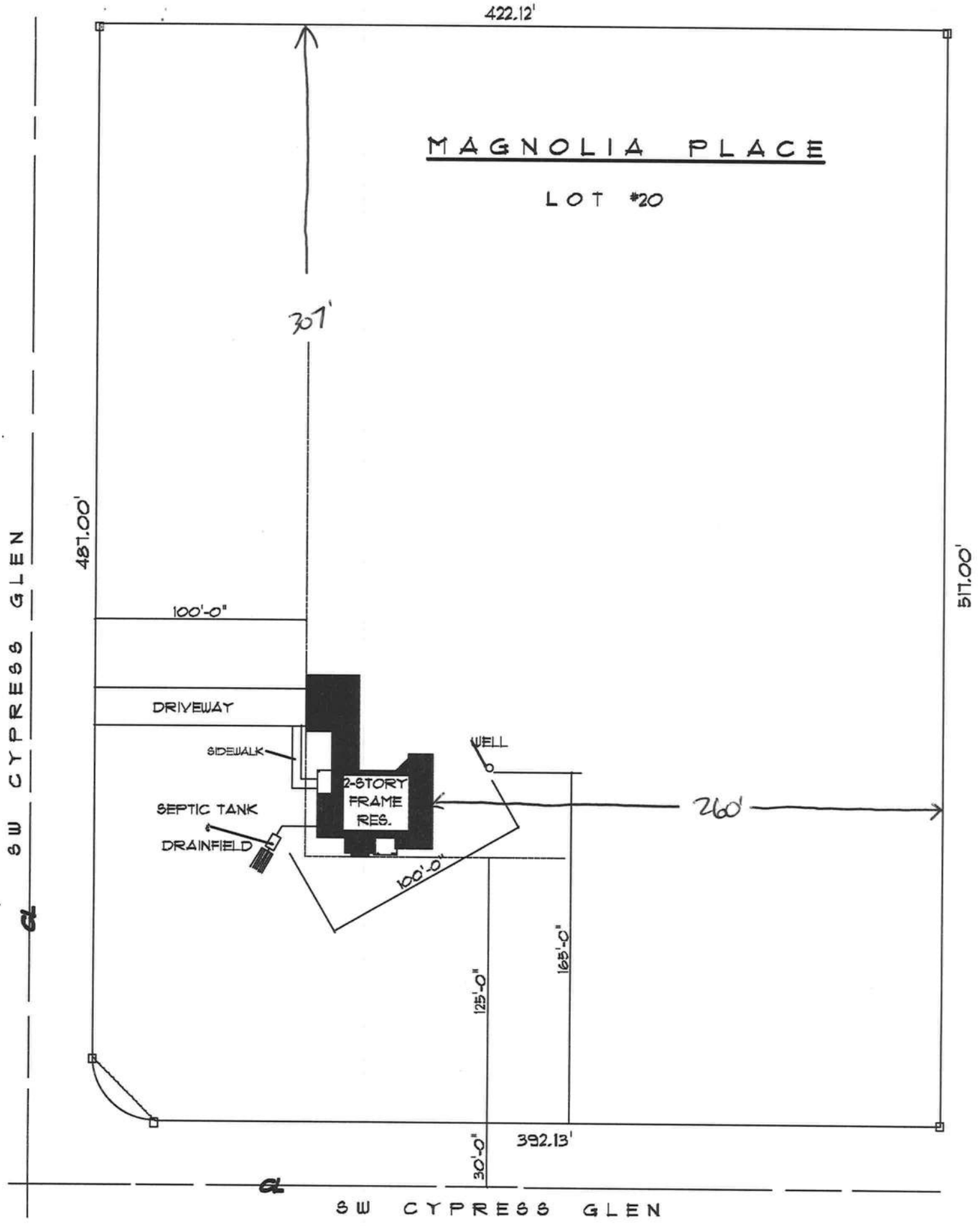
CAM112M01 S CamaUSA Appraisal System Columbia County
1/19/2005 14:45 **Legal Description Maintenance** **39900** **Land 001**
Year T Property Sel **AG 000**
2005 R 27-5S-17-09415-120 .. **Bldg 000**
Xfea 000

PALLAS ABRAHAM I & PAMELA J **39900** **TOTAL** **B**

1	LOT 20 MAGNOLIA PLACE S/D	WD 1017-1253, WD 1033-2923	2
3			4
5			6
7			8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt **1/05/2005 KYLIE**

F1=Task F3=Exit F4=Prompt F10=GoTo PGUP/PGDN F24=MoreKeys



SITE PLAN

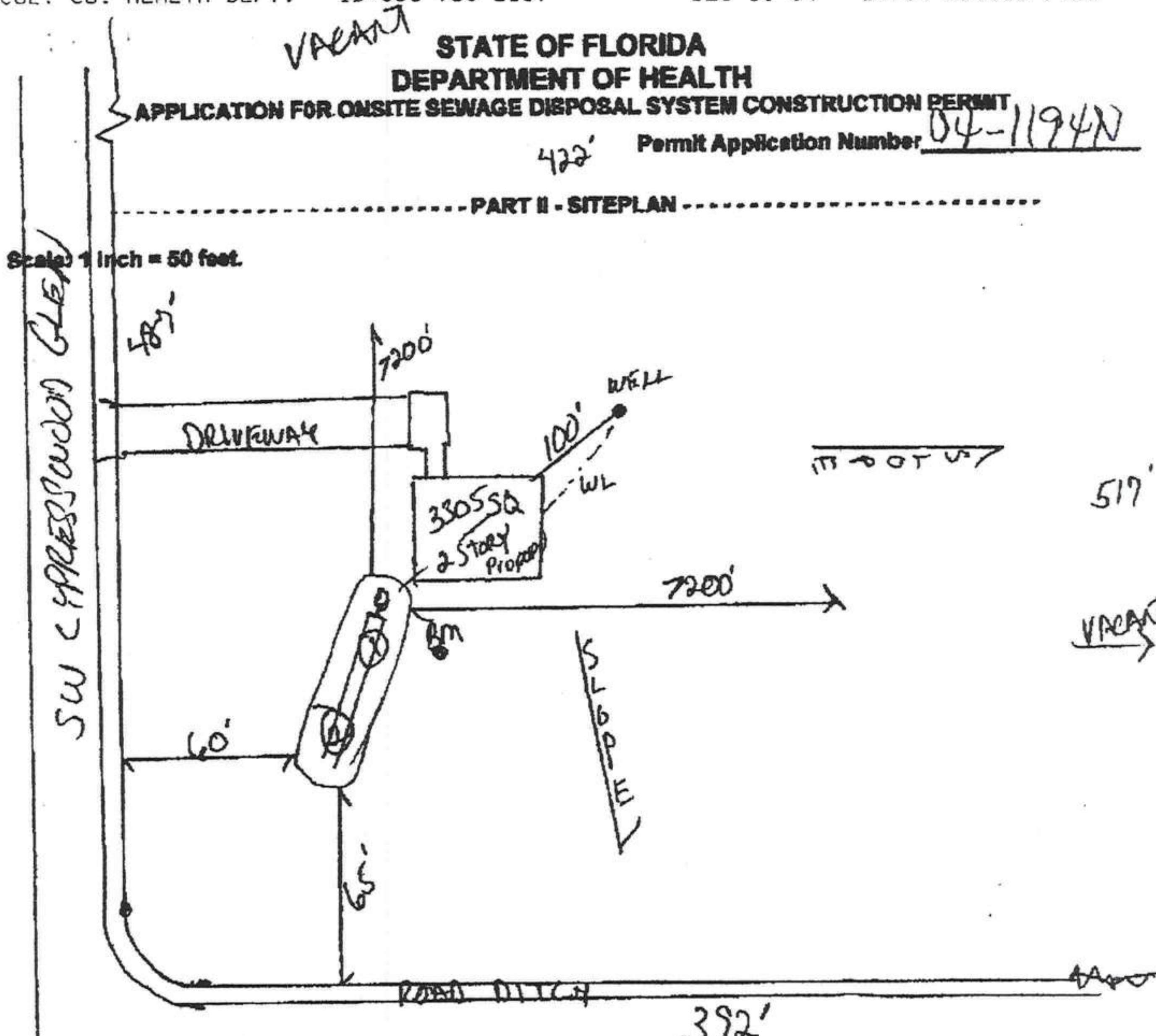
SCALE : 1' = 40'-0"

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 04-1194N

PART II - SITEPLAN

Scale: 1 inch = 50 feet.



Notes: AFS w/100 FT

Site Plan submitted by: Rocky [signature] MASTER CONTRACTOR

Plan Approved ✓ Not Approved____ Date 12-14-04

By [signature] Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Inst:2004028611 Date:12/23/2004 Time:12:16
DC,P.DeWitt Cason,Columbia County B:1033 P:2942

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

LOAN NO. 3053662-76

THE UNDERSIGNED HEREBY INFORMS ALL CONCERNED THAT IMPROVEMENTS WILL BE MADE TO CERTAIN REAL PROPERTY AND, IN ACCORDANCE WITH SECTION 713.13 OF THE FLORIDA STATUTES, THE FOLLOWING INFORMATION IS STATED IN THE NOTICE OF COMMENCEMENT. THIS NOTICE IS VOID AND OF NO FORCE AND EFFECT IF CONSTRUCTION IS NOT COMMENCED WITHIN (90) DAYS OF RECORDATION.

1. PROPERTY DESCRIPTION
   A. Street Address or Location Description:
      143 SOUTHWEST CYPRESS WOOD GLEN
      LAKE CITY, FLORIDA 32024
   B. Legal Description:
      See Legal description attached hereto and made a part hereof

2. GENERAL DESCRIPTION OF IMPROVEMENTS:
   CONSTRUCTION OF SINGLE FAMILY DWELLING

3. A. OWNER INFORMATION NAME AND ADDRESS:
      Name: ABRAHAM I. PALLAS AND PAMELA J. PALLAS
      Address: 12601 nw 36th Ave
      Gainesville FL 32606
   B. OWNER'S INTEREST IN THE SITE OF IMPROVEMENT IS: FEE SIMPLE

   C. NAME AND ADDRESS OF FEE SIMPLE TITLEHOLDER (IF OTHER THAN OWNER)
      Name:
      Address:

4. NAME AND ADDRESS OF CONTRACTOR:
   Name: BRYAN ZECHER CONSTRUCTION INC.
   Address: P.O. BOX 815
   LAKE CITY , FL 32056
   Phone Number:_____ Fax Number: _____

5. SURETY (IF ANY):
   Name:
   Address:
   Amount of Bond:

6. LENDER MAKING CONSTRUCTION LOAN:
   Name: CAMPUS USA CREDIT UNION
   Address: 2511 NORTHWEST 41ST STREET
   GAINESVILLE, FLORIDA 32606

7. PERSON DESIGNATED BY OWNER UPON WHOM NOTICES OR OTHER DOCUMENTS MAY BE SERVED AS PROVIDED BY SECTION 713.13 (1) (a) FLORIDA STATUTES:
   Name:
   Address:

   Phone Number:_____ Fax Number: _____

Rev. 11/11/96 5133

Inst:2004028611 Date:12/23/2004 Time:12:16
_____DC,P.DeWitt Cason,Columbia County B:1033 P:2943

8. OWNER DESIGNATES THE FOLLOWING PERSON IN ADDITION TO HIMSELF TO RECEIVE A COPY OF THE LIENORS NOTICE AS PROVIDED IN SECTION 713.13 (1) (b), FLORIDA STATUTES:
   Name: CAMPUS USA CREDIT UNION
   Address: 2511 NORTHWEST 41ST STREET
   GAINESVILLE, FLORIDA 32606
   Attn:

9. EXPIRATION DATE OF NOTICE OF COMMENCEMENT (THE EXPIRATION DATE IS 1 YEAR FROM THE DATE OF RECORDING UNLESS A DIFFERENT DATE IS SPECIFIED.)

Bonita Hadwin
WITNESS Bonita Hadwin

Regina Simpkins
WITNESS Regina Simpkins

Abraham I. Pallas
OWNER ABRAHAM I. PALLAS

Pamela J. Pallas
OWNER PAMELA J. PALLAS

OWNER

OWNER

State of Florida, Columbia County

The following instrument was acknowledged before me this DECEMBER 22, 2004 by ABRAHAM I. PALLAS AND PAMELA J. PALLAS

who is personally known to me or who has produced Fla Drivers Lic as identification and who did NOT take an oath.

NOTARY PUBLIC (Seal) Bonita Hadwin MY COMMISSION EXPIRES: _____

Bonita Hadwin
MY COMMISSION # DD230004 EXPIRES
August 10, 2007
BONDED THRU TROY FAIN INSURANCE, INC.

Rev. 11/14/94 5134

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**411114PallasRes.**	Builder:	**Bryan Zecher**
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	22787
Owner:	**Abe & Pam Pallas**	Jurisdiction Number:	221006
Climate Zone:	**North**		

1. New construction or existing		New	__
2. Single family or multi-family		Single family	__
3. Number of units, if multi-family		1	__
4. Number of Bedrooms		4	__
5. Is this a worst case?		Yes	__
6. Conditioned floor area (ft²)		3089 ft²	__
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	444.0 ft²	__
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	__
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	__
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 250.0(p) ft	__
b. N/A			__
c. N/A			__
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 2691.0 ft²	__
b. Frame, Wood, Adjacent		R=13.0, 92.0 ft²	__
c. N/A			__
d. N/A			__
e. N/A			__
10. Ceiling types			__
a. Under Attic		R=30.0, 2150.0 ft²	
b. N/A			__
c. N/A			__
11. Ducts			__
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 180.0 ft²	
b. 2 Others		210.0 ft	__
			__

12. Cooling systems		
a. Central Unit	Cap: 21.0 kBtu/hr	__
	SEER: 10.00	__
b. Central Unit	Cap: 21.0 kBtu/hr	__
	SEER: 10.00	__
c. Central Unit	Cap: 22.0 kBtu/hr	__
	SEER: 10.00	__
13. Heating systems		
a. Electric Heat Pump	Cap: 21.0 kBtu/hr	__
	HSPF: 7.00	__
b. Electric Heat Pump	Cap: 21.0 kBtu/hr	__
	HSPF: 7.00	__
c. Electric Heat Pump	Cap: 22.0 kBtu/hr	__
	HSPF: 7.00	__
14. Hot water systems		
a. Electric Resistance	Cap: 40.0 gallons	__
	EF: 0.89	__
b. N/A		__
		__
c. Conservation credits		__
(HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits		__
(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.14

Total as-built points: 43144
Total base points: 44028

PASS

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

PREPARED BY: Evan Beamsley

DATE: 11/16/04

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

OWNER/AGENT: _____

DATE: 12/29/04

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.

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE

GLASS TYPES

.18 X	Conditioned Floor Area	X BSPM	= Points
.18	**3089.0**	**20.04**	**11142.6**

WALL TYPES	Area	X BSPM	= Points
Adjacent	92.0	0.70	64.4
Exterior	2691.0	1.70	4574.7
Base Total:	**2783.0**		**4639.1**

DOOR TYPES	Area	X BSPM	= Points
Adjacent	20.0	2.40	48.0
Exterior	110.0	6.10	671.0
Base Total:	**130.0**		**719.0**

CEILING TYPES	Area	X BSPM	= Points
Under Attic	2150.0	1.73	3719.5
Base Total:	**2150.0**		**3719.5**

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF = Points
Double, Clear	SE	1.5	8.0	54.0	42.75	0.95 2181.8
Double, Clear	S	12.0	8.5	20.0	35.87	0.48 343.6
Double, Clear	SE	9.5	8.5	40.0	42.75	0.47 808.5
Double, Clear	NE	99.0	8.5	10.0	29.56	0.44 130.3
Double, Clear	NE	1.5	7.0	15.0	29.56	0.94 418.5
Double, Clear	SW	1.5	5.5	8.0	40.16	0.86 277.3
Double, Clear	SW	1.5	5.0	9.0	40.16	0.84 302.5
Double, Clear	SW	8.5	8.5	20.0	40.16	0.49 393.9
Double, Clear	SW	1.5	5.0	9.0	40.16	0.84 302.5
Double, Clear	NW	1.5	5.0	18.0	25.97	0.89 418.3
Double, Clear	NW	1.5	7.0	20.0	25.97	0.95 492.0
Double, Clear	NW	1.5	7.0	45.0	25.97	0.95 1107.0
Double, Clear	NW	10.0	8.5	14.0	25.97	0.61 220.8
Double, Clear	NE	0.0	0.0	16.0	29.56	1.00 472.9
Double, Clear	NE	0.0	0.0	54.0	29.56	1.00 1596.0
Double, Clear	SE	1.5	5.5	20.0	42.75	0.86 736.2
Double, Clear	SW	0.0	0.0	30.0	40.16	1.00 1204.7
Double, Clear	NW	0.0	0.0	30.0	25.97	1.00 779.2
Double, Clear	NW	0.0	0.0	12.0	25.97	1.00 311.7
As-Built Total:				**444.0**		**12497.4**

Type	R-Value	Area X	SPM =	Points
Frame, Wood, Exterior	13.0	2691.0	1.50	4036.5
Frame, Wood, Adjacent	13.0	92.0	0.60	55.2
As-Built Total:		**2783.0**		**4091.7**

Type	Area X	SPM =	Points
Exterior Insulated	90.0	4.10	369.0
Adjacent Insulated	20.0	1.60	32.0
Exterior Insulated	20.0	4.10	82.0
As-Built Total:	**130.0**		**483.0**

Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	30.0	2150.0	1.73 X 1.00	3719.5
As-Built Total:		**2150.0**		**3719.5**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE					AS-BUILT					
FLOOR TYPES	Area X	BSPM	=	Points	Type	R-Value	Area X	SPM	=	Points
Slab	250.0(p)	-37.0		-9250.0	Slab-On-Grade Edge Insulation	0.0	250.0(p	-41.20		-10300.0
Raised	0.0	0.00		0.0						
Base Total:				**-9250.0**	**As-Built Total:**		**250.0**			**-10300.0**
INFILTRATION	Area X	BSPM	=	Points			Area X	SPM	=	Points
	3089.0	10.21		31538.7			3089.0	10.21		31538.7
Summer Base Points:				**42508.9**	**Summer As-Built Points:**					**42030.3**

Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
					42030.3		0.328		(1.090 x 1.147 x 0.91)		0.341		1.000		5355.1
					42030.3		0.328		(1.090 x 1.147 x 0.91)		0.341		1.000		5355.1
					42030.3		0.344		(1.090 x 1.147 x 0.91)		0.341		1.000		5610.1
42508.9		**0.4266**		**18134.3**	**42030.3**		**1.00**		**1.138**		**0.341**		**1.000**		**16320.4**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE

GLASS TYPES

.18 X	Conditioned Floor Area	X BWPM	= Points
.18	**3089.0**	**12.74**	**7083.7**

WALL TYPES	Area	X BWPM	= Points
Adjacent	92.0	3.60	331.2
Exterior	2691.0	3.70	9956.7
Base Total:	**2783.0**		**10287.9**

DOOR TYPES	Area	X BWPM	= Points
Adjacent	20.0	11.50	230.0
Exterior	110.0	12.30	1353.0
Base Total:	**130.0**		**1583.0**

CEILING TYPES	Area	X BWPM	= Points
Under Attic	2150.0	2.05	4407.5
Base Total:	**2150.0**		**4407.5**

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF = Points
Double, Clear	SE	1.5	8.0	54.0	14.71	1.05 833.1
Double, Clear	S	12.0	8.5	20.0	13.30	3.21 853.3
Double, Clear	SE	9.5	8.5	40.0	14.71	2.05 1203.0
Double, Clear	NE	99.0	8.5	10.0	23.57	1.06 250.1
Double, Clear	NE	1.5	7.0	15.0	23.57	1.00 354.9
Double, Clear	SW	1.5	5.5	8.0	16.74	1.07 143.6
Double, Clear	SW	1.5	5.0	9.0	16.74	1.09 164.3
Double, Clear	SW	8.5	8.5	20.0	16.74	1.60 535.4
Double, Clear	SW	1.5	5.0	9.0	16.74	1.09 164.3
Double, Clear	NW	1.5	5.0	18.0	24.30	1.01 439.6
Double, Clear	NW	1.5	7.0	20.0	24.30	1.00 486.8
Double, Clear	NW	1.5	7.0	45.0	24.30	1.00 1095.3
Double, Clear	NW	10.0	8.5	14.0	24.30	1.03 349.5
Double, Clear	NE	0.0	0.0	16.0	23.57	1.00 377.1
Double, Clear	NE	0.0	0.0	54.0	23.57	1.00 1272.7
Double, Clear	SE	1.5	5.5	20.0	14.71	1.11 327.7
Double, Clear	SW	0.0	0.0	30.0	16.74	1.00 502.1
Double, Clear	NW	0.0	0.0	30.0	24.30	1.00 728.9
Double, Clear	NW	0.0	0.0	12.0	24.30	1.00 291.6
As-Built Total:				**444.0**		**10373.1**

Type	R-Value	Area X	WPM	= Points
Frame, Wood, Exterior	13.0	2691.0	3.40	9149.4
Frame, Wood, Adjacent	13.0	92.0	3.30	303.6
As-Built Total:		**2783.0**		**9453.0**

Type	Area X	WPM	= Points
Exterior Insulated	90.0	8.40	756.0
Adjacent Insulated	20.0	8.00	160.0
Exterior Insulated	20.0	8.40	168.0
As-Built Total:	**130.0**		**1084.0**

Type	R-Value	Area X	WPM X WCM =	Points
Under Attic	30.0	2150.0	2.05 X 1.00	4407.5
As-Built Total:		**2150.0**		**4407.5**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT						
FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points		
Slab	250.0(p)	8.9	2225.0	Slab-On-Grade Edge Insulation	0.0	250.0(p	18.80	4700.0		
Raised	0.0	0.00	0.0							
Base Total:			**2225.0**	**As-Built Total:**		**250.0**		**4700.0**		
INFILTRATION	Area X	BWPM	= Points			Area X	WPM	= Points		
	3089.0	-0.59	-1822.5			3089.0	-0.59	-1822.5		
Winter Base Points:			**23764.6**	**Winter As-Built Points:**						**28195.1**
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	
				28195.1	0.328	(1.069 x 1.169 x 0.93)	0.487	1.000	5237.7	
				28195.1	0.328	(1.069 x 1.169 x 0.93)	0.487	1.000	5237.7	
				28195.1	0.344	(1.069 x 1.169 x 0.93)	0.487	1.000	5487.2	
23764.6	**0.6274**	**14909.9**		**28195.1**	**1.00**	**1.162**	**0.487**	**1.000**	**15962.7**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4	2746.00	10984.0		40.0	0.89	4	1.00	2715.15	1.00	10860.6	
				As-Built Total:						**10860.6**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
18134	**14910**	**10984**	**44028**	**16320**	**15963**	**10861**	**43144**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , 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%.	X
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.	✓

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.6

The higher the score, the more efficient the home.

Abe & Pam Pallas, , , ,

1.	New construction or existing		New
2.	Single family or multi-family		Single family
3.	Number of units, if multi-family		1
4.	Number of Bedrooms		4
5.	Is this a worst case?		Yes
6.	Conditioned floor area (ft²)		3089 ft²
7.	Glass area & type	Single Pane	Double Pane
a.	Clear glass, default U-factor	0.0 ft²	444.0 ft²
b.	Default tint, default U-factor	0.0 ft²	0.0 ft²
c.	Labeled U-factor or SHGC	0.0 ft²	0.0 ft²
8.	Floor types		
a.	Slab-On-Grade Edge Insulation		R=0.0, 250.0(p) ft
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior		R=13.0, 2691.0 ft²
b.	Frame, Wood, Adjacent		R=13.0, 92.0 ft²
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic		R=30.0, 2150.0 ft²
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 180.0 ft²
b.	2 Others		210.0 ft

12.	Cooling systems	
a.	Central Unit	Cap: 21.0 kBtu/hr
		SEER: 10.00
b.	Central Unit	Cap: 21.0 kBtu/hr
		SEER: 10.00
c.	Central Unit	Cap: 22.0 kBtu/hr
		SEER: 10.00
13.	Heating systems	
a.	Electric Heat Pump	Cap: 21.0 kBtu/hr
		HSPF: 7.00
b.	Electric Heat Pump	Cap: 21.0 kBtu/hr
		HSPF: 7.00
c.	Electric Heat Pump	Cap: 22.0 kBtu/hr
		HSPF: 7.00
14.	Hot water systems	
a.	Electric Resistance	Cap: 40.0 gallons
		EF: 0.89
b.	N/A	
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	

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: 12/29/04

Address of New Home: 143 SW Cypresswood Glen City/FL Zip: Lake City, FL 32024

GREAT SEAL OF THE STATE OF FLORIDA — IN GOD WE TRUST

**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 at 850/487-1824.*

EnergyGauge® (Version: FLR2PB v3.4)

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000000531

DATE 02/08/2005 PARCEL ID # 27-5S-16-09415-120

APPLICANT BRYAN ZECHER PHONE 386.752.8653

ADDRESS POB 815 LAKE CITY FL 32056

OWNER ABRAHAM & PAM PALLAS PHONE

ADDRESS 14 CYPRESSWOOD GLN LAKE CITY FL 32024

CONTRACTOR BRYAN ZECHER PHONE 386.752.8653

LOCATION OF PROPERTY 441-S TO TO C-349,TR TO MAGNOLIA PLACE, TL TO STOP SIGN,LOT ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT MAGNOLIA PLACE 20

SIGNATURE

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

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 25-5S-16-09415-120 **Building permit No.** 000022787

Use Classification SFD & UTILITY **Fire:** 5.67

Permit Holder BRYAN ZECHER **Waste:** 12.25

Owner of Building ABRAHAM & PAM PALLAS **Total:** 17.92

Location: 143 SW CYPRESSWOOD GLEN(MAGNOLIA PL, LOT 20)

Date: 08/09/2005

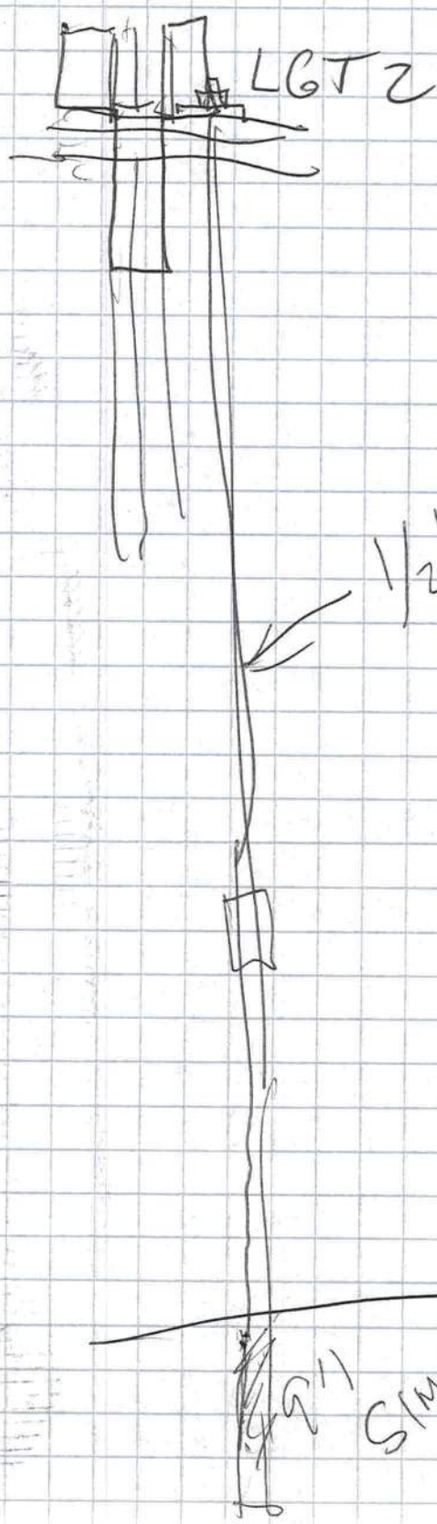
COLUMBIA COUNTY · GATEWAY TO FLORIDA ·

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

BRYAN ZOLLNER
Construction

Parks Job



① Strap for upstairs girder

② 2x10 - OK as is for hallway door with glulam

Max Load 03MAY16

22787

Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 11348

Address BAYA AVE

City L C **Phone** 752 723

Site Location **Subdivision** Magnolia Place

Lot# 20 **Block#** _____ **Permit#** 22787

Address 143 SW Cypresswood Gln

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	3/7/05	1215	575	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 DURSBAN TC .05 %

Remarks Exterior not finished.

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