SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 09 18-28 CONTRACTOR CATHY LEFFLER PHONE 727-688-1056

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name owner License #:	Signature Phone #:
MECHANICAL/ A/C _____	Print Name owner License #:	Signature Phone #:
PLUMBING/ GAS	Print Name owner License #:	Signature Phone #:
ROOFING	Print Name owner License #:	Signature Phone #:
SHEET METAL	Print Name NA License #:	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name NA License#:	Signature Phone #:
SOLAR	Print Name NA License #:	Signature Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON		owner	
CONCRETE FINISHER		owner	
FRAMING		owner	
INSULATION		owner	
STUCCO		owner	
DRYWALL		owner	
PLASTER		NA	
CABINET INSTALLER		owner	
PAINTING		owner	
ACOUSTICAL CEILING		NA	
GLASS		owner	
CERAMIC TILE		owner	
FLOOR COVERING		owner	
ALUM/VINYL SIDING		NA	
GARAGE DOOR		NA	
METAL BLDG ERECTOR		NA	

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

P/O 350903 494 07-0000-N
Cleared by 12/19

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

PERMIT NO. AP945881
DATE PAID: 425.00
FEE PAID: 12/16/09
RECEIPT #: 12-PID-121379

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: Cathy Leffler

AGENT: _____ TELEPHONE: 727-688-1056

MAILING ADDRESS: 9920 59th Street No. Pinellas Park FL 33782

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES.

PROPERTY INFORMATION

LOT: 24 BLOCK: _____ SUBDIVISION: Hills of Huntsville PLATTED: _____

PROPERTY ID #: 08-35-16-02032-424 ZONING: Res. I/M OR EQUIVALENT: [Y / (N)]

PROPERY SIZE: 5 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / (N)] DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: 430 NW Milo Terrace Lake City FL 32055

DIRECTIONS TO PROPERTY: Turn ~~RIGHT~~ on Lake Jeffery, go to 2ND Lot on Right in Development of Hills of Huntsville.

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	New Single Family	2	~~2500~~	
2				
3				
4				

[ ] Floor/Equipment Drains [ ] Other (Specify) _____

SIGNATURE: Cathy L DATE: 12/16/09

DH 4015, 10/97 – Page 1 (Previous editions may be used)
Stock Number: 5744-001-4015-1

ENTERED 12/16/09

RECEIVED

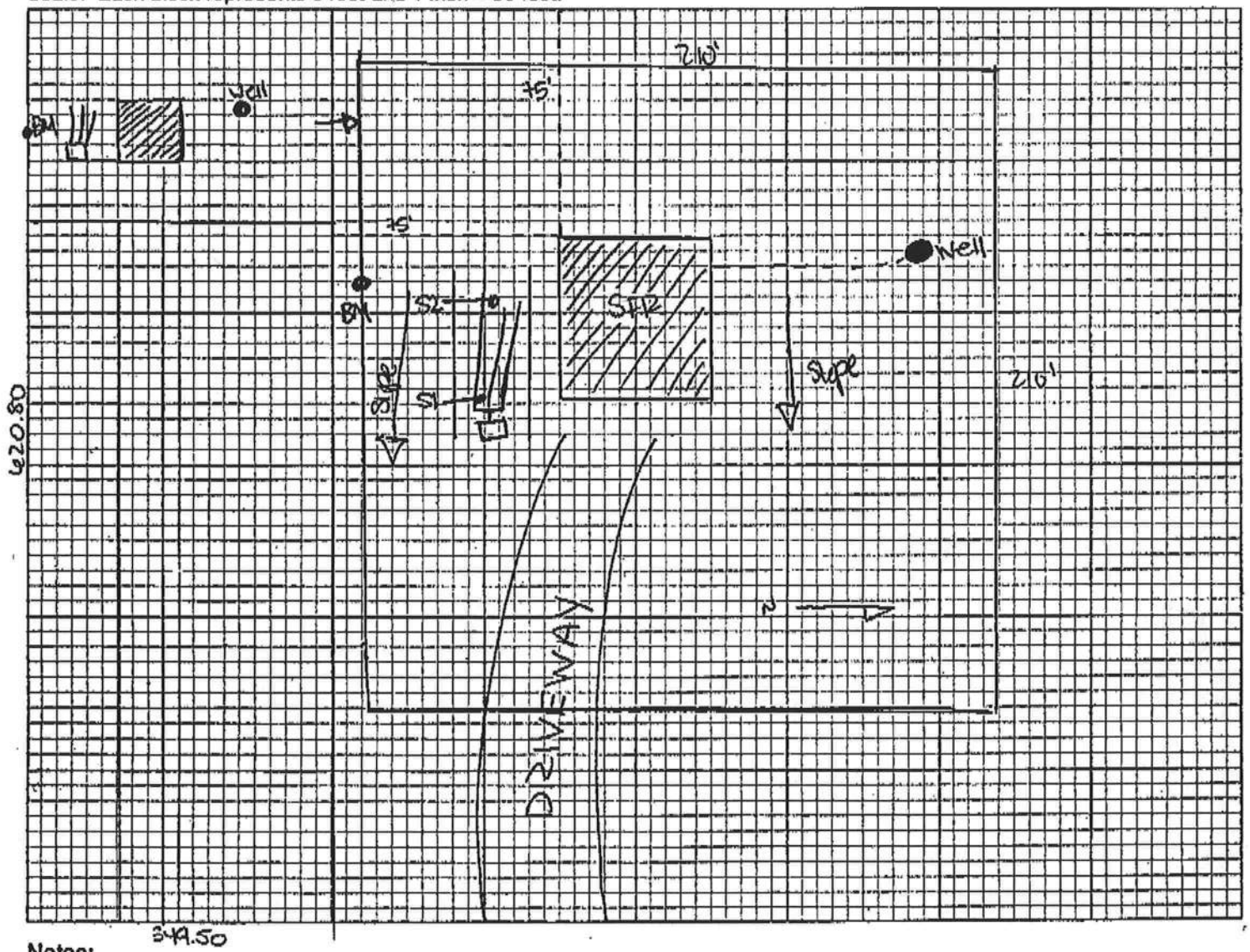
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 09-0622

PART II - SITE PLAN

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



Notes: Firm site plan submitted, no site marked for well. Property slopes greatly

Site Plan submitted by: Jeremy Giffin
Signature

Title

Plan Approved X Not Approved ____ Date 12/28/09

By ESI Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/98 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

Manual J Summer Calculations

Residential Load - Component Details (continued)

430 NW Milo Terrace
Lake City, Fl

Project Title:
Leffler Residence

Code Only
Professional Version
Climate: Central

5/25/2010

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**10213 Btuh**
	Sensible Duct Load	1340 Btuh
	Total Sensible Zone Loads	**11553 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**11553 Btuh**
	Latent infiltration gain (for 46 gr. humidity difference)	589 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	380 Btuh
	Latent occupant gain (0 people @ 200 Btuh per person)	0 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**969 Btuh**
	TOTAL GAIN	**12523 Btuh**

EQUIPMENT

1. Central Unit	#	24000 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

Manual J Summer Calculations

Residential Load - Component Details (continued)

430 NW Milo Terrace
Lake City, Fl

Project Title:
Leffler Residence

Code Only
Professional Version
Climate: Central

5/25/2010

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(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
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Residential Window Diversity

MidSummer

430 NW Milo Terrace
Lake City, Fl

Project Title:
Leffler Residence

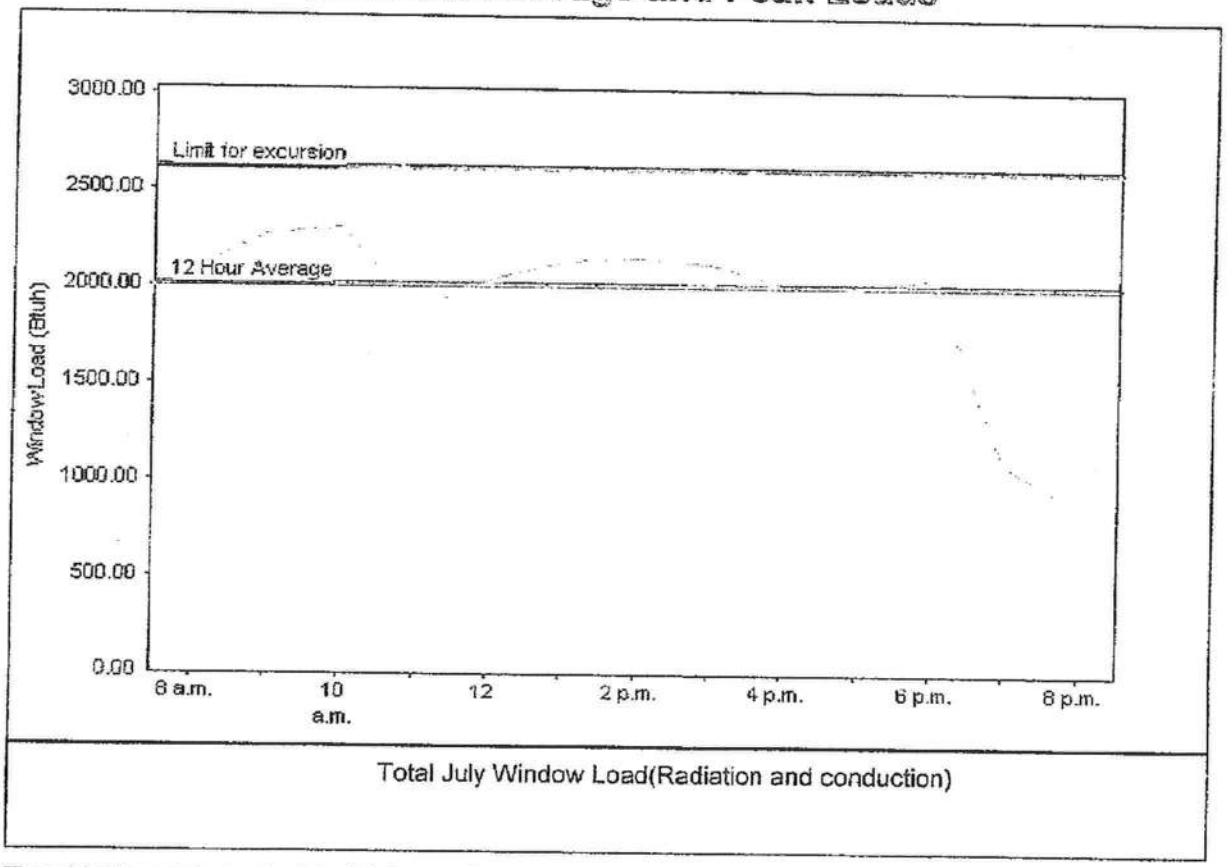
Code Only
Professional Version
Climate: Central

5/25/2010

Weather data for: Tallahassee - Defaults

Summer design temperature	93 F	Average window load for July	2014 Btuh
Summer setpoint	75 F	Peak window load for July	2313 Btuh
Summer temperature difference	18 F	Excusion limit(130% of Ave.)	2619 Btuh
Latitude	30 North	Window excursion (July)	None

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

The midsummer window load for this house does not exceed the window load excursion limit.
This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:
DATE: 5/25/10

EnergyGauge® FLRCPB v4.5

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	Leffler Residence	Builder Name:	
Street:	430 NW Milo Terrace	Permit Office:	Columbia
City, State, Zip:	Lake City , Fl ,	Permit Number:	24663
Owner:		Jurisdiction:	221000
Design Location:	FL, Apalachicola		

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	2
5. Is this a worst case?	No
6. Conditioned floor area (ft²)	2359

7. Windows	Description	Area
a. U-Factor: SHGC:	Sgl, U=1.00 SHGC=0.64	48.00 ft²
b. U-Factor: SHGC:	N/A	ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
e. U-Factor: SHGC:	N/A	ft²

8. Floor Types	Insulation	Area
a. Raised Floor	R=11.0	2359.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=19.0	1732.40 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2359.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 54 ft²

12. Cooling systems
a. Central Unit — Cap: 24.0 kBtu/hr SEER: 13

13. Heating systems
a. Electric Heat Pump — Cap: 24.7 kBtu/hr HSPF: 7.7

14. Hot water systems
a. Electric — Cap: 50 gallons EF: 0.9
b. Conservation features None

15. Credits — None

Glass/Floor Area: 0.020

Total As-Built Modified Loads: 40.70
Total Baseline Loads: 56.43

PASS

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

PREPARED BY: [signature]
DATE: 5/25/10

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.

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

BUILDING OFFICIAL: _____
DATE: _____

- Compliance requires an envelope leakage test report, by a Florida Class 1 Rater, in accordance with N1113.A.1.

Residential System Sizing Calculation

Summary

430 NW Milo Terrace
Lake City, Fl

Project Title:
Leffler Residence

Code Only
Professional Version
Climate: Central

5/25/2010

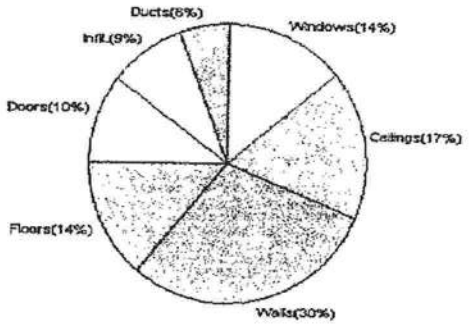
Location for weather data: Tallahassee - Defaults: Latitude(30) Altitude(55 ft.) Temp Range(M)
Humidity data: Interior RH (50%) Outdoor wet bulb (76F) Humidity difference(46gr.)

Winter design temperature	28	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	42	F	Summer temperature difference	18	F
Total heating load calculation	**18197**	**Btuh**	**Total cooling load calculation**	**12523**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	131.9	24000	Sensible (SHR = 0.75)	155.8	18000
Heat Pump + Auxiliary(0.0kW)	131.9	24000	Latent	618.9	6000
			Total (Electric Heat Pump)	191.7	24000

WINTER CALCULATIONS

Winter Heating Load (for 2359 sqft)

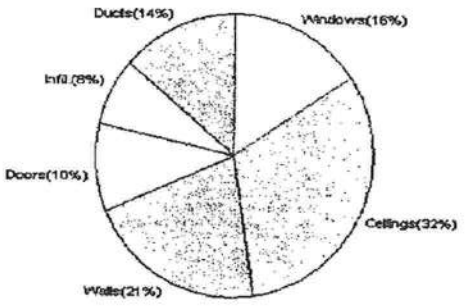
Load component			Load	
Window total	48	sqft	2560	Btuh
Wall total	1664	sqft	5401	Btuh
Door total	82	sqft	1851	Btuh
Ceiling total	2359	sqft	3155	Btuh
Floor total	208	sqft	2574	Btuh
Infiltration	35	cfm	1596	Btuh
Duct loss			1060	Btuh
Subtotal			**18197**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**18197**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2359 sqft)

Load component			Load	
Window total	48	sqft	1958	Btuh
Wall total	1664	sqft	2623	Btuh
Door total	82	sqft	1278	Btuh
Ceiling total	2359	sqft	3982	Btuh
Floor total			0	Btuh
Infiltration	19	cfm	373	Btuh
Internal gain			0	Btuh
Duct gain			1340	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**11553**	**Btuh**
Latent gain(ducts)			380	Btuh
Latent gain(infiltration)			589	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			0	Btuh
Total latent gain			**969**	**Btuh**
TOTAL HEAT GAIN			**12523**	**Btuh**



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 5/25/10

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

430 NW Milo Terrace
Lake City, Fl

Project Title:
Leffler Residence

Code Only
Professional Version
Climate: Central

Reference City: Tallahassee (Defaults) Summer Temperature Difference: 18.0 F 5/25/2010

Component Loads for Whole House

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	1, Clear, 1.27, B-M, N,N	E	2ft.	3ft.	36.0	23.9	12.1	30	72	1592 Btuh
2	1, Clear, 1.27, B-M, N,N	S	2ft.	3ft.	12.0	12.0	0.0	30	36	366 Btuh
	Window Total				48 (sqft)					1958 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	19.0/0.08	800.0	1.6	1261 Btuh
2	Frame - Wood - Ext	19.0/0.08	864.0	1.6	1362 Btuh
	Wall Total		1664 (sqft)		2623 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Wood - Exterior	81.6	15.7	1278 Btuh
	Door Total	82 (sqft)		1278 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2359.0	1.7	3982 Btuh
	Ceiling Total		2359 (sqft)		3982 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	19.0	208 (ft(p))	0.0	0 Btuh
	Floor Total		208.0 (sqft)		0 Btuh

			Envelope Subtotal:		9840 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.06	18372	1664	34.6	373 Btuh

Internal gain	Occupants		Btuh/occupant		Appliance	Load
	0	X	230	+	0	0 Btuh

	Sensible Envelope Load:		10213 Btuh
Duct load	(DGM of 0.131)		1340 Btuh
	Sensible Load All Zones		**11553 Btuh**

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

430 NW Milo Terrace
Lake City, Fl

Project Title:
Leffler Residence

Code Only
Professional Version
Climate: Central

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 42.0 F

5/25/2010

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	E	36.0	53.3	1920 Btuh
2	1, Clear, Metal, 1.27	S	12.0	53.3	640 Btuh
	Window Total		48(sqft)		2560 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.08)	19.0	800	3.2	2596 Btuh
2	Frame - Wood - Ext(0.08)	19.0	864	3.2	2804 Btuh
	Wall Total		1664		5401 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exterior		82	22.7	1851 Btuh
	Door Total		82		1851Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2359	1.3	3155 Btuh
	Ceiling Total		2359		3155Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	19	208.0 ft(p)	12.4	2574 Btuh
	Floor Total		208		2574 Btuh
			Envelope Subtotal:		15541 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.11	18872	1664	34.6
					1596 Btuh
Ductload				(DLM of 0.062)	1060 Btuh
All Zones			**Sensible Subtotal All Zones**		**18197 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	18197 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	18197 Btuh

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

430 NW Milo Terrace
Lake City, Fl

Project Title:
Leffler Residence

Code Only
Professional Version
Climate: Central

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 42.0 F

5/25/2010

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	E	36.0	53.3	1920 Btuh
2	1, Clear, Metal, 1.27	S	12.0	53.3	640 Btuh
	Window Total		48(sqft)		2560 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.08)	19.0	800	3.2	2596 Btuh
2	Frame - Wood - Ext(0.08)	19.0	864	3.2	2804 Btuh
	Wall Total		1664		5401 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exterior		82	22.7	1851 Btuh
	Door Total		82		1851Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2359	1.3	3155 Btuh
	Ceiling Total		2359		3155Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	19	208.0 ft(p)	12.4	2574 Btuh
	Floor Total		208		2574 Btuh
			Zone Envelope Subtotal:		15541 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.11	18872	1664	34.6
					1596 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.062)				1060 Btuh
Zone #1			**Sensible Zone Subtotal**		**18197 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	18197 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	18197 Btuh

PROJECT

Title:	Leffler Residence	Bedrooms:	2	Adress Type:	Street Address
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:		Conditioned Area:	2359	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:		Worst Case:	No	Street:	430 NW Milo Terrace
Permit Office:		Rotate Angle:	0	County:	Columbia County
Jurisdiction:		Cross Ventilation:		City, State, Zip:	Lake City , Fl ,
Family Type:	Single-family	Whole House Fan:			
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

√	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
____	FL, Apalachicola	FL_TYNDALL_AFB	2	29	88	75	70	1911	64	Medium

FLOORS

√	#	Floor Type	R-Value	Area		Tile	Wood	Carpet
____	1	Raised Floor		2359 ft²	11	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
____		Hip	Composition shingles	2555 ft²	0 ft²	Dark	0.96	No	0	22.60000

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
____		Full attic	Vented	303	2359 ft²	N	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
____	1	Under Attic (Vented)	30	2359 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
____	1	N	Exterior	Frame - Wood	19	200 ft²	0	0.23	0.75
____	2	S	Exterior	Frame - Wood	19	200 ft²	0	0.23	0.75
____	3	E	Exterior	Frame - Wood	19	200 ft²	0	0.23	0.75
____	4	W	Exterior	Frame - Wood	19	200 ft²	0	0.23	0.75
____	5	N	Exterior	Frame - Wood	19	216 ft²	0	0.23	0.75
____	6	S	Exterior	Frame - Wood	19	228 ft²	0	0.23	0.75
____	7	E	Exterior	Frame - Wood	19	272.4 ft²	0	0.23	0.75
____	8	W	Exterior	Frame - Wood	19	216 ft²	0	0.23	0.75

TEMPERATURES

Programable Thermostat: N

Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Heating	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Venting	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 72

The lower the EnergyPerformance Index, the more efficient the home.

430 NW Milo Terrace, Lake City, Fl,

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Single-family
3. Number of units, if multiple family		1
4. Number of Bedrooms		2
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		2359
7. Windows**	Description	Area
a. U-Factor: SHGC:	Sgl, U=1.00 SHGC=0.64	48.00 ft²
b. U-Factor: SHGC:	N/A	ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
e. U-Factor: SHGC:	N/A	ft²

8. Floor Types	Insulation	Area
a. Raised Floor	R=11.0	2359.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=19.0	1732.40 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2359.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 54 ft²

12. Cooling systems
a. Central Unit — Cap: 24.0 kBtu/hr SEER: 13

13. Heating systems
a. Electric Heat Pump — Cap: 24.7 kBtu/hr HSPF: 7.7

14. Hot water systems
a. Electric — Cap: 50 gallons EF: 0.9

b. Conservation features
None

15. Credits — None

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 Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for 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 energygauge.com 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.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

0912-28

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 11/6/2009 **DATE ISSUED:** 11/10/2009

ENHANCED 9-1-1 ADDRESS:

430 NW MILO TER

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

08-3S-16-02032-124

Remarks:

LOT 24 HILLS OF HUNTSVILLE

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

1571

Water Wells
Pumps & Service

Phone: (386) 752-6677
Fax: (386) 752-1477

Lynch Well Drilling, Inc.
173 SW Young Place
Lake City, FL 32025
www.lynchwelldrilling.com

December 14 , 2009

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the well for Cathy Leffler Hills of Huntsvill4 lot 24.

Size of Pump Motor:	1 ½ HP 20 gallons per min.
Size of Pressure Tank:	81 -Gallon Bladder Tank - 25.1 Draw down
Cycle Stop Valve Used:	No
Constant Pressure System:	No

Should you require any additional information, please contact us.

Sincerely,

Linda Newcomb

Linda Newcomb
Lynch Well Drilling, Inc.

Prepared by and return to:

Law office of Dana Edmisten Hill
230 Court Street SE
Live Oak, FL 32064
386-362-1900
File Number: **09233**

Inst:200912013453 Date:8/12/2009 Time:2:20 PM
Doc Stamp-Deed:454.30
DC P DeWitt Cason Columbia County Page 1 of 2 B:1178 P:2447

[Space Above This Line For Recording Data]

Warranty Deed

This Warranty Deed made this 1 day of **August, 2009** between **Westridge, Inc., a Florida corporation,** whose post office address is **P. O. Box 766, Lake City, FL 32056**, grantor, and **Catherine Leffler,** whose post office address is **9920 59th Street North, Pinellas Park, FL 33782**, 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 Sixty-Four Thousand Eight Hundred Ninety-Five and 00/100 Dollars ($64,895.00) 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 24, HILLS OF HUNTSVILLE, a subdivision according to the map or plat thereof as recorded in Plat Book 8, Pages 126-129, public records, Columbia County, Florida.

Parcel Identification Number: R 02032-124

SUBJECT TO any valid and existing oil, gas or mineral right, reservation, royalty transfer or mineral deed conveying or reserving any interest in the oil, gas or minerals underlying said lands, or any portion thereof, heretofore executed and duly recorded in the public records of said county.

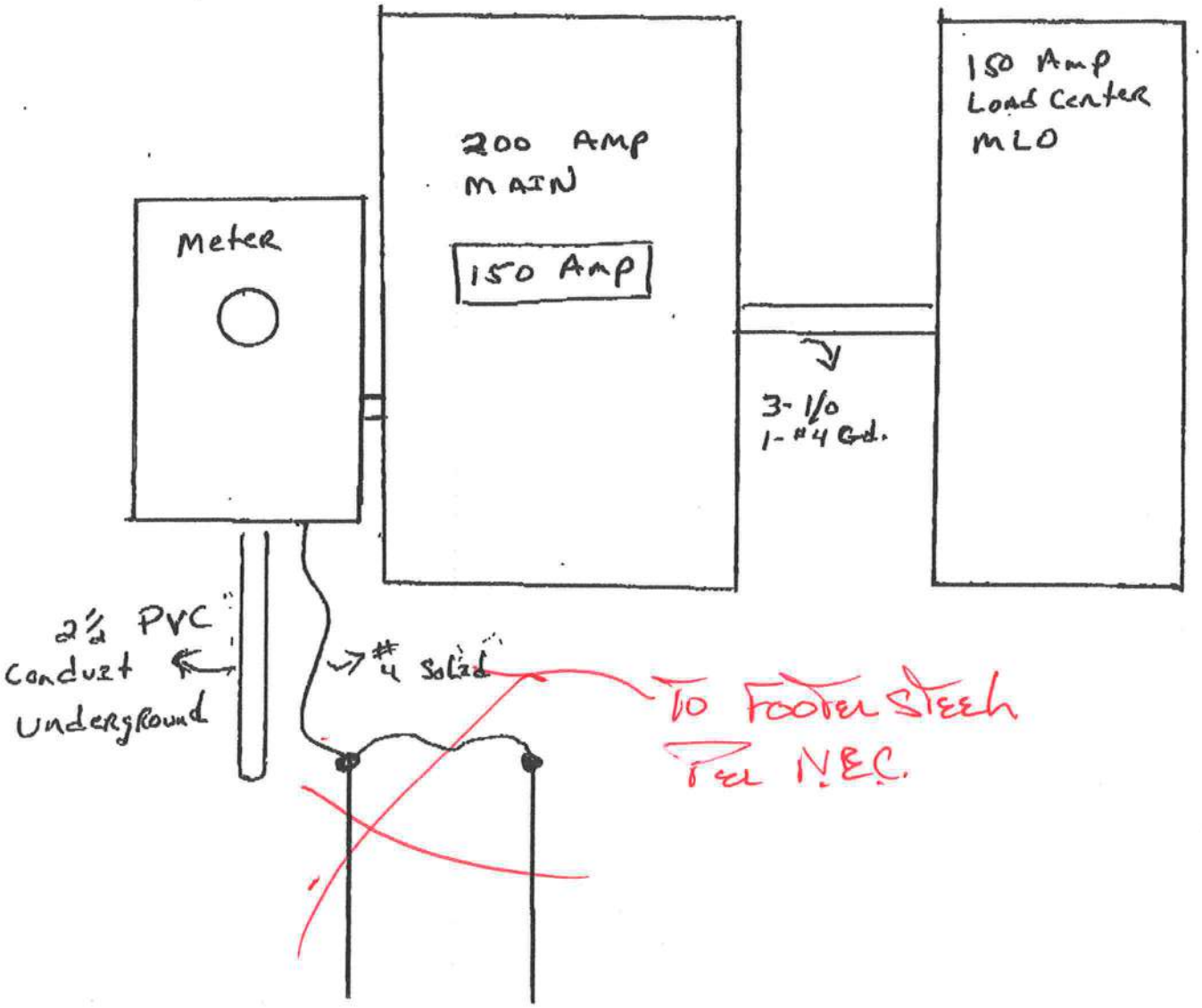
FURTHER SUBJECT TO covenants, conditions, restrictions, easements, reservations and limitations of record, road rights of way and utility easements, and rules, regulations and permitting requirements of Suwannee River Water Management District, if any. Further subject all matters contained on the Plat of Hills of Huntsville, as recorded in Plat Book 8, Pages 126-129, inclusive; Declaration of Restrictions and Protective Covenants for Hills of Huntsville, Phase I as recorded in Official Records Book 1107, Page 1830 and also referred to as Instrument Number 200700865, and Amendment to Declaration of Restrictions as recorded in Official Records Book 1141, Page 2043; and Easements contained in Warranty Deed recorded in Official Records Book 1023, Pages 1019-1023; all in the public records of Columbia County, Florida.

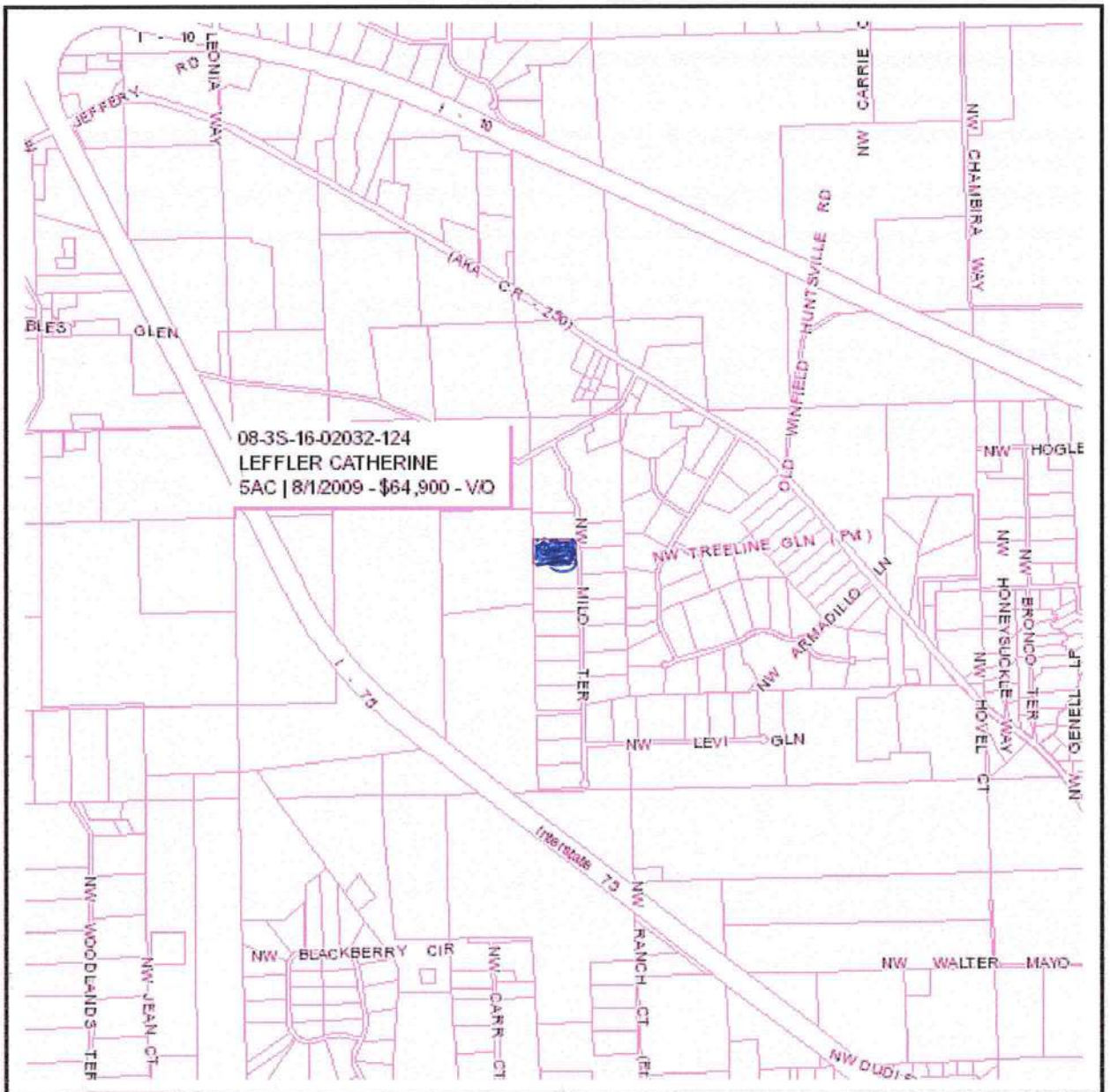
Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor 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, 2008**.

727-546-9612


200 AMP
MAIN
150 Amp
150 Amp
Load Center
MLO
Meter
3-1/0
1-#4 Gd.
2½ PVC
Conduit
Underground
#4 Solid
To Footer Steel
Per N.E.C.

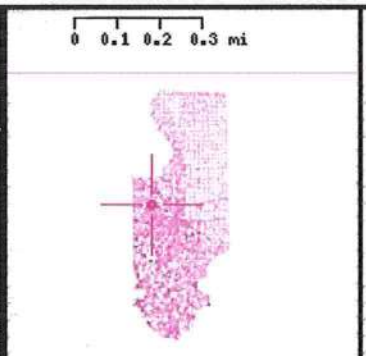


Columbia County Property Appraiser

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

PARCEL: 08-3S-16-02032-124 - VACANT (000000)

Name:	LEFFLER CATHERINE	LandVal	$50,017.00
Site:		BldgVal	$0.00
	9920 59TH STREET	ApprVal	$50,017.00
Mail:	NORTH	JustVal	$50,017.00
	PINELLAS PARK, FL 33782	Assd	$50,017.00
Sales Info		Exmpt	$0.00
		Taxable	County: $50,017.00 | City: $50,017.00 Other: $50,017.00 | School: $50,017.00



Inst:200912020868 Date:12/16/2009 Time:11:28 AM
DC,P DeWitt Cason,Columbia County Page 1 of 1 B:1185 P:2353

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number R02032-124

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT.**

1. Description of property *(legal description)*: Lot 24, Hills of Huntsville, A Subdivision according to Plat Book 8, Page 126-129 Columbia Co Florida
   a) Street *(job)* Address: 4430 NW Milo Terrace, Lake City FL 32055
2. General description of improvements: New Residence
3. Owner Information
   a) Name and address: Cathy Leffler 7420 59th Street NO Pinellas Park FL 33782
   b) Name and address of fee simple titleholder (if other than owner) N/A
   c) Interest in property —
4. Contractor Information
   a) Name and address: Owner
   b) Telephone No.: — Fax No. (Opt.) —
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond: —
   c) Telephone No.: — Fax No. (Opt.) —
6. Lender
   a) Name and address: N/A
   b) Phone No. —
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: N/A
   b) Telephone No.: — Fax No. (Opt.) —
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
   a) Name and address: N/A
   b) Telephone No.: — Fax No. (Opt.) —
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified):** —

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Cathy Leffler
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 15th day of December, 20 09, by: Cathy Leffler as — (type of authority, e.g. officer, trustee, attorney fact) for — (name of party on behalf of whom instrument was executed).

Personally Known ____ OR Produced Identification ✓ Type FL/DL

Notary Signature — Notary Stamp or Seal:

—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Cathy Leffler
Signature of Natural Person Signing (in line #10 above.)

MATTHEW GASCON
Notary Public - State of Florida
My Comm. Expires Aug 20, 2012
Commission # DD 816124

COLUMBIA COUNTY BUILDING DEPARTMENT
135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Office: 386-758-1008 Fax: 386-758-2160

OWNER BUILDER DISCLOSURE STATEMENT

I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or farm outbuilding. I may also build or improve a commercial building if the costs do not exceed $75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased with in 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

I understand that it is frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

I understand that I 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 my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at 850-487-1395 or Internet website address http://www.myflorida.com/dbpr/pro/cilb/index.html for more information about licensed contractors.

I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

_____.

I agree to notify Columbia County Building Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual of firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

I understand that if I hire subcontractors they must be licensed for that type of work in Columbia County, ex: framing, stucco, masonry, and state registered builders. Registered Contractors must have a minimum of $300,000.00 in General Liability insurance coverage and the proper workers' compensation. Specialty Contractors must have a minimum of $100,000.00 in General Liability insurance coverage and the proper workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to Columbia County Building Department.

TYPE OF CONSTRUCTION

(X) Single Family Dwelling ( ) Two-Family Residence ( ) Farm Outbuilding

( ) Addition, Alteration, Modification or other Improvement

( ) Commercial, Cost of Construction_____ Construction of_____

( ) Other_____

I Cathy Leffler, 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 allowing this exception for the construction permitted by Columbia County Building Permit.

Owner Builder Signature _____ Date 12/15/09

NOTARY OF OWNER BUILDER SIGNATURE

The above signer is personally known to me or produced identification FL/DL

Notary Signature _____ Date 12/15/09 (Seal)

FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner builder has been given notice of the restriction stated above.

Building Official/Representative_____

MATTHEW GASCON
Notary Public - State of Florida
My Comm. Expires Aug 20, 2012
Commission # DD 816124

Revised: 7-23-09
DISCLOSURE STATEMENT 09
Documents: B&Z Forms

Columbia County Building Permit Application

✓ WAIVER 1825

For Office Use Only Application # 0912-28 Date Received 12/16/09 By CT Permit # 28663

Zoning Official BLK Date 23.12.09 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE 105.5' per plat River N/A Plans Examiner 12/24/09 Date WR

Comments Elevation Confirmation Letter Required

☑ NOC ☑ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS Fire Corr Road/Code

School = TOTAL N/A Suspended ☑ UF

Septic Permit No. 09-0622 Fax

Name Authorized Person Signing Permit Cathy Leffler Phone 727-688-1056

Address 9920 59th St No. Pinellas Park FL 33782

Owners Name Cathy Leffler Phone 727-688-1056

911 Address 430 NW Milo Terrace, Lake City Florida 32055

Contractors Name Owner Phone —

Address —

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Robert Whitcomb 13800 58th Court No. Largo FL. 33

Mortgage Lenders Name & Address N/A

Circle the correct power company – FL Power & Light – Clay Elec. – Suwannee Valley Elec. – Progress Energy

Property ID Number 08-3S-16-02032-124 Estimated Cost of Construction 140,000 oc

Subdivision Name Hills of Huntsville Lot 24 Block — Unit — Phase —

Driving Directions 90W, TR on Lake Jeffrey, TL Huntsville DR. TR Milo Terr, 3rd on right

Number of Existing Dwellings on Property 0

Construction of Single Family Dwelling Total Acreage 5 Lot Size 348.5 X 620.8

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 24'-5" above grade

Actual Distance of Structure from Property Lines - Front 493 +/- Side 75'-0" Side 224'-0" Rear 75'-0

Number of Stories 1 Heated Floor Area 2800 Total Floor Area 2700 Roof Pitch 5/12

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. **CODE:** Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.

Spoke to Cathy on 12/28/09 CH

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full.
This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: ***YOU ARE HEREBY NOTIFIED*** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature ****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Contractor's Signature (Permitee)

Contractor's License Number_____
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 15th **day of** December **20**09.

Personally known ___ **or Produced Identification** FL/DL

SEAL:

State of Florida Notary Signature (For the Contractor)

MATTHEW GASCON
Notary Public - State of Florida
My Comm. Expires Aug 20, 2012
Commission # DD 816124

Columbia County Building Department
Culvert Waiver

Culvert Waiver No.
000001825

DATE: 06/16/2010 BUILDING PERMIT NO. 28663

APPLICANT CATHY LEFFLER PHONE 727.688.1056

ADDRESS 9920 59TH STREET NORTH PINELLAS GLEN FL

OWNER CATHY LEFFLER PHONE 727.688.1056

ADDRESS 9920 59TH STREET NORTH PINELLAS PARK FL FL

CONTRACTOR CATHY LEFFLER PHONE 727.688.1056

LOCATION OF PROPERTY 90-W TO LAKE JEFFERY TR,TO HUNTSVILLE DR.,TL TO MILO TERRACE,TR AND IT'S 3RD ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HILLS OF HUNTSVILLE 24

PARCEL ID # 08-3S-16-02032-124

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: Cathy Leffler

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 PERMIT

COMMENTS: needs a culvert.

SIGNED: J.W. Mereff DATE: 1 July 2010

RECEIVED
JUN 29 2010
By

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

COLUMBIA COUNTY FLORIDA

3.1.E

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 08-3S-16-02032-124 **Building permit No.** 000028663

Use Classification SFD/UTILITY **Fire:** 64.20

Permit Holder CATHY LEFFLER **Waste:** 167.50

Owner of Building CATHY LEFFLER **Total:** 231.70

Location: 430 NW MILO TERR, LAKE CITY, FL 32055

Date: 12/13/2012

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

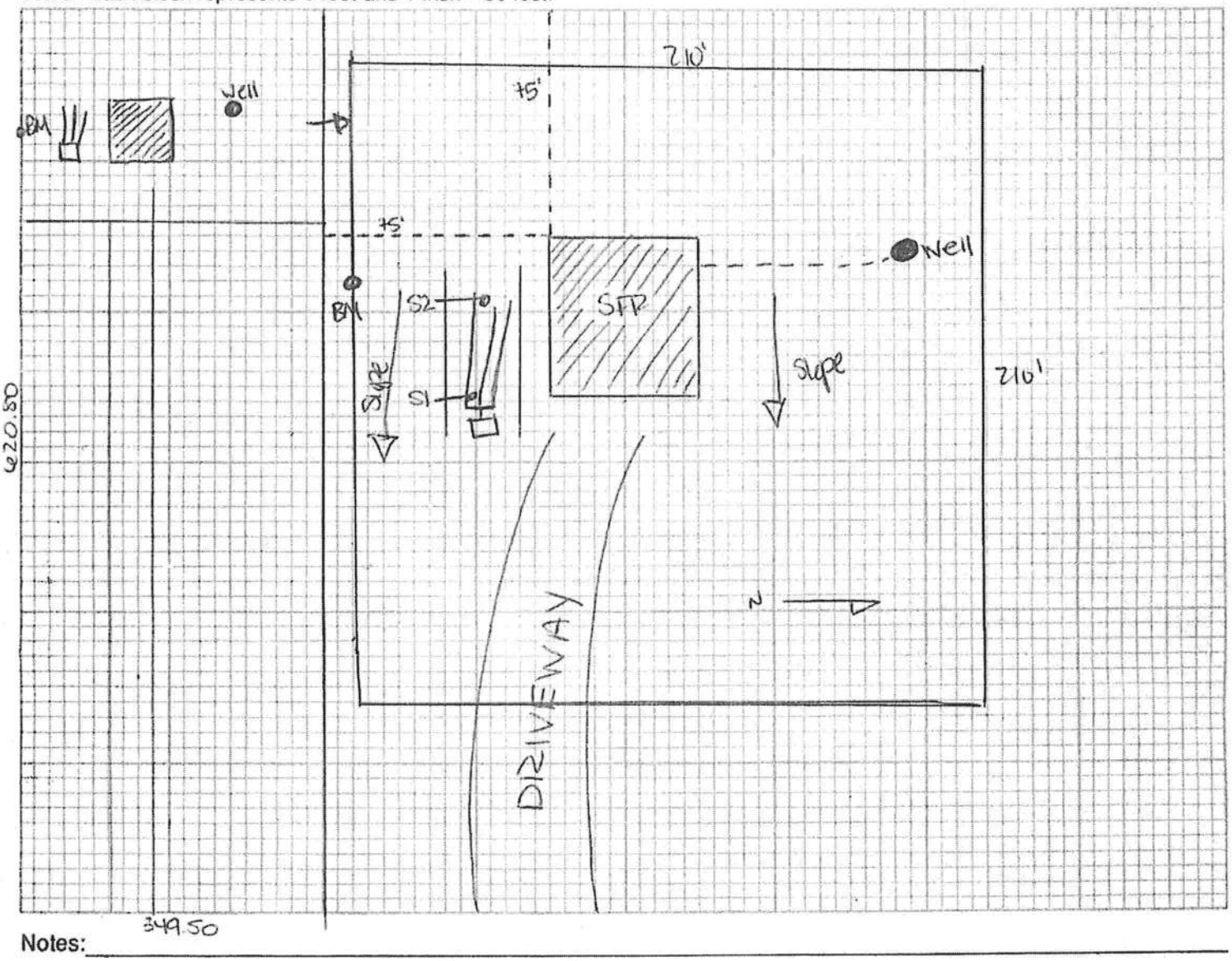
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 11-3498

PART II - SITE PLAN

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



Notes: From site plan submitted, no site marked for well.
Property slopes greatly

Site Plan submitted by: _____ Signature _____ Title

Plan Approved ( ) ( ) Not Approved Date

By _____ County Health Department

Columbia CHD

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

SF

#28663

Britt Surveying and Mapping, LLC
2086 SW Main Blvd Ste 112
Lake City, FL 32025

08/06/12

L-22262

Re: Lot 24 Hills of Huntsville

To Whom It May Concern:

The finished grade of the residence is found to be 133.29 feet. The minimum floor elevation as shown on the plat of record is 105.50 feet. The lowest adjacent grade is 128.19 feet and the highest adjacent grade is 131.13 feet. There is a benchmark set in a 12" pine tree, whose elevation is 122.53 feet. All elevations shown hereon are based on NGVD 29 datum as per the plat of record.

Sincerely,

L. Scott Britt
PLS 5757

Columbia County Building Department
Culvert Permit

"RUSH" Attn. Connie

Culvert Permit No.
000001825

DATE 08/31/2012 PARCEL ID # 08-3S-16-02032-124

APPLICANT CATHY LEFFLER PHONE 737.688.1056

ADDRESS 9920 59TH STREET NORTH PINELLAS GLEN FL

OWNER CATHY LEFFLER PHONE 727.688.1056

ADDRESS 430 NW MILO TERRACE LAKE CITY FL 32055

CONTRACTOR CATHY LEFFLER PHONE 727.688.1056

LOCATION OF PROPERTY 90-W TO LAKE JEFFERY TR,TO HUNTSVILLE DR.,TL TO MILO TERRACE,TR AND IT'S 3RD ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HILLS OF HUNTSVILLE 24

INSTALLATION INFORMATION

SIGNATURE Cathy Leffler

(A) A culvert shall be required to be installed as part of any newly constructed private driveway or road, or public road, which connects to a county road in Columbia County. Culvert installation for residential use shall require a permit issued by the Building and Zoning Department. Prior to any culvert permit being issued, an inspection by the Public Works Department shall be required to determine the proper size, length, and location for installation. Culvert installation for commercial, industrial, and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications.

(B) The culvert shall comply and be installed in accordance with Columbia County Land Development Regulation, Access Control: Section 4.2.3 standards Proper installation of the culvert shall be verified by a final inspection performed by the Public Works Department.

(C) All culverts required by this policy shall be installed prior to the Building Department granting permission to connect permanent electrical service to the facility or facilities being serviced by newly constructed private driveway or road. In cases where no electrical service exists, installation shall be completed prior to final inspection approval.

(D) Mitered-end culverts shall be used in the following applications:
(1) When the culvert is to be placed giving access to a paved street.; (2) When the road is contained within a subdivision (recorded or unrecorded) that has not reached a "build out" of fifty percent (50%) or more.; (3) In all new subdivisions for residential use. New subdivisions shall be required as part of the final plat to specify culvert diameter and length.; (4) When the predominant use already established by the use of mitered-end culverts period.

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

[ ] Department of Transportation Permit installation approved standards.

[x] Shall conform to Public Works Determinations as Stated Below:
18" diameter x 32' foot long CMP with mitre ends poured with concrete

P W Inspectors Name: James Durrance Date: 9-5-12

Final Inspection Date: 12-12-12 P W Inspectors Name: James Durrance Signature: James Durrance

CONTACT FOR REQUIREMENTS AND INSPECTIONS:

PUBLIC WORKS DEPARTMENT PLEASE CALL
Phone: 386-758-1019 813.478.9561 "Robert"

Amount Paid 25.00
Check No. CASH

All Proper Safety Requirements Should Be Followed During The Installation Of The Culvert

Columbia County Building Department
Culvert Permit

"RUSH" Thx Connie

Culvert Permit No.
000001825

DATE 08/31/2012 PARCEL ID # 08-3S-16-02032-124

APPLICANT CATHY LEFFLER PHONE 737.688.1056

ADDRESS 9920 59TH STREET NORTH PINELLAS GLEN FL

OWNER CATHY LEFFLER PHONE 727.688.1056

ADDRESS 430 NW MILO TERRACE LAKE CITY FL 32055

CONTRACTOR CATHY LEFFLER PHONE 727.688.1056

LOCATION OF PROPERTY 90-W TO LAKE JEFFERY TR,TO HUNTSVILLE DR.,TL TO MILO TERRACE,TR AND IT'S 3RD ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HILLS OF HUNTSVILLE 24

INSTALLATION INFORMATION

SIGNATURE Cathy L

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18" diameter x 32' foot long CMP with mitre ends poured with concrete

P W Inspectors Name: James Durrance Date: 9-5-12

Final Inspection Date: P W Inspectors Name: Signature:

CONTACT FOR REQUIREMENTS AND INSPECTIONS:

PUBLIC WORKS DEPARTMENT PLEASE CALL
Phone: 386-758-1019 813.478.9561 "ROBERT"

Amount Paid 25.00
Check No. CASH

All Proper Safety Requirements Should Be Followed During The Installation Of The Culvert

COLUMBIA COUNTY INSPECTION SHEET

DATE 08/31/2012 TAKEN BY UH **INSPECTION DATE:** 9-4-12

BUILDING PERMIT # 000028663 **CULVERT / WAIVER PERMIT #** 000001825 **WAIVER** Y N

PARCEL ID # 08-3S-16-02032-124 ZONING A-3

TYPE OF DEVELOPMENT SFD/UTILITY

SETBACKS: FRONT 30.00 REAR 25.00 SIDE 25.00 HEIGHT 24.50

FLOOD ZONE X SEPTIC 09-0622 NO. EXISTING D.U. 0

SUBDIVISION HILLS OF HUNTSVILLE 11-0498 Lot 24 Block ___ Unit ___ Phase ___

OWNER CATHY LEFFLER PHONE 727.688.1056

ADDRESS 430 NW MILO TERRACE LAKE CITY FL 32055

CONTRACTOR CATHY LEFFLER PHONE 727.688.1056

LOCATION 90-W TO LAKE JEFFERY RD,TR TO HUNTSVILLE DR,TL TO MILO TERRACE,TR, 3RD. ON R.

COMMENTS: NOC ON FILE. MFE @ 105.50' PER PLAT. ELEVATION CONFIRMATION LETTER REQUIRED. ELEVATION CONFIRMATION ETTER REC'D @ 133.29'(RTJ)

★ Must Purchased a Culvert permit to Start the process and 8-31-12
must be finalled by P.W.D. before CO is issued.

INSPECTION(S) REQUESTED:

___ Temp Power 11/24/2010 TC ___ Foundation 11/22/2010 TC ___ Set backs 11/23/2010 TC

___ Mono Slab ___ ___ Under Slab Rough-in ___ ___ Slab ___

___ Sheathing/Nailing ___ ___ Insulation 12/18/2011 TC ___ Framing 12/16/2011 RJ

___ Above slab Rough-in 12/16/2011 RJ ___ Electrical Rough-in 12/12/2011 TC

___ Heat & A/C 12/16/2011 RJ ___ Beam (Lintel) 11/24/2010 TC ___ Perm Power 08/06/2012 TC

✓ CO Final ___ ___ Culvert ___ ___ Reconnection ___

___ Pool ___ ___ MH Perm Power ___ ___ Utility Pole ___

___ RV Power ___ ___ Re-Roof ___ ___ Other ___

INSPECTORS:

APPROVED ✓ NOT APPROVED ___ BY T.C. POWER CO. SVE

INSPECTORS COMMENTS: Pending Culvert

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 08-3S-16-02032-124 Building permit No. 000028663

Use Classification SFD/UTILITY Fire: 64.20

Permit Holder CATHY LEFFLER Waste: 167.50

Owner of Building CATHY LEFFLER Total: 231.70

Location: 430 NW MILO TERR, LAKE CITY, FL 32055

Date: 12/13/2012

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1TXN8228Z0516162231

Truss Fabricator:	Anderson Truss Company
Job Identification:	Q-237--Fill in later WAYNE CASSITY -- , **
Truss Count:	4
Model Code:	Florida Building Code 2007 and 2009 Supplement
Truss Criteria:	FBC2007Res/TPI-2002(STD)
Engineering Software:	Alpine Software,Version 9.02.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-05 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: BRCLBSUB-A1101505-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	51144--A		09350031	12/16/09
2	51145--A1		09350032	12/16/09
3	51146--A2		09350033	12/16/09
4	51147--AGE		09350034	12/16/09

Seal Date: 12/16/2009

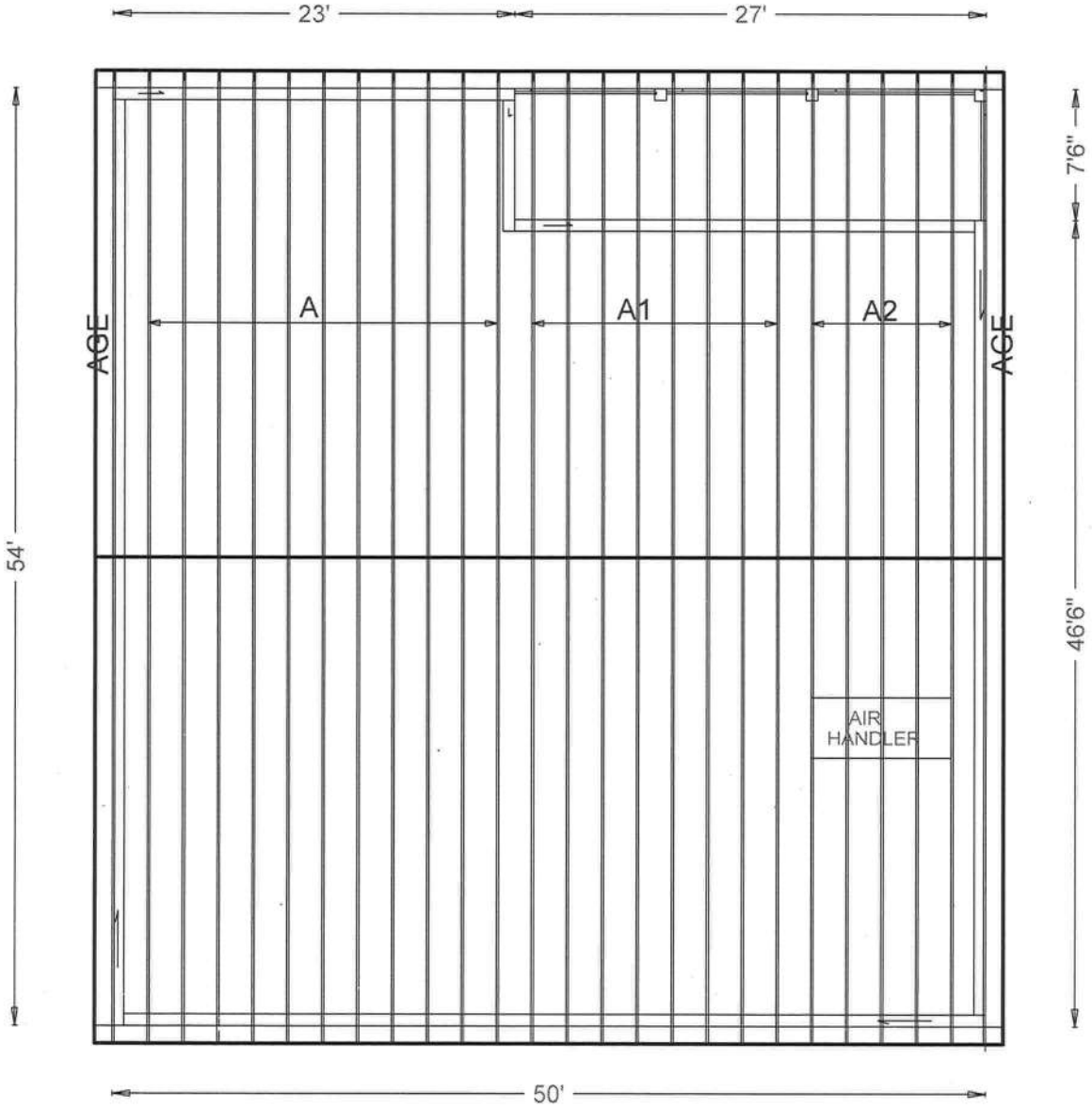
-Truss Design Engineer-
Doug Fleming
Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844

✓ TRUSSES WITH WEB BRACING

09128

COLUMBIA COUNTY BUILDING DEPARTMENT
Received for FILE COPY
Code Compliance
PLANS EXAMINER

Roof Plane Sheathing Area = 3155 sq. ft
Fascia Material = 225 linear ft
Ridge Cap Material = 52 linear ft

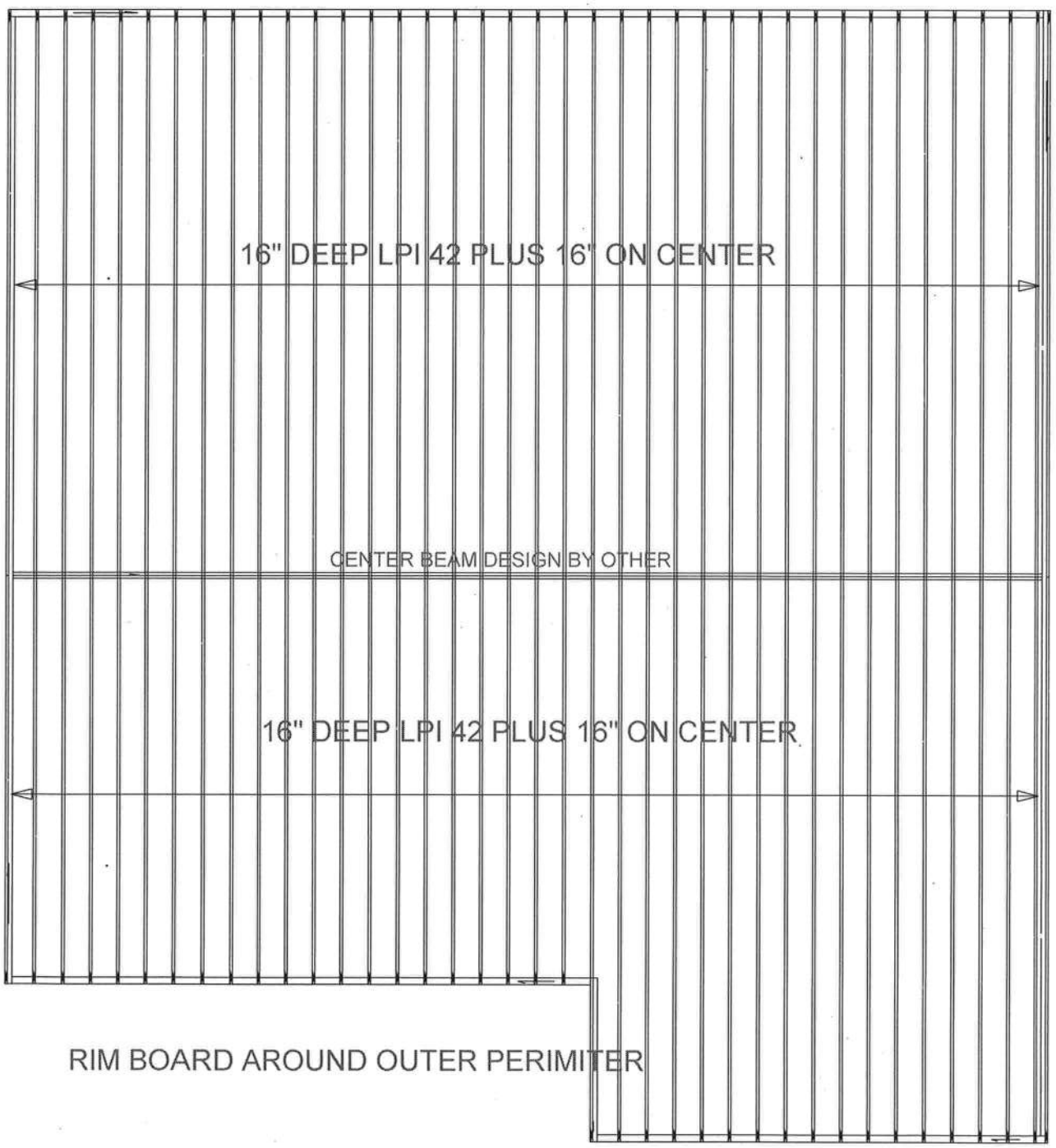


WAYNE CASSITY

JOB DESCRIPTION:: Fill in later
/: WAYNE CASSITY

JOB NO:
9-252

PAGE NO:



WAYNE CASSITY / LEFFLER
FLOOR SYSTEM

JOB DESCRIPTION:: Fill in later
/: CASSITY

JOB NO:
9-252F

PAGE NO:
1 OF 1

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

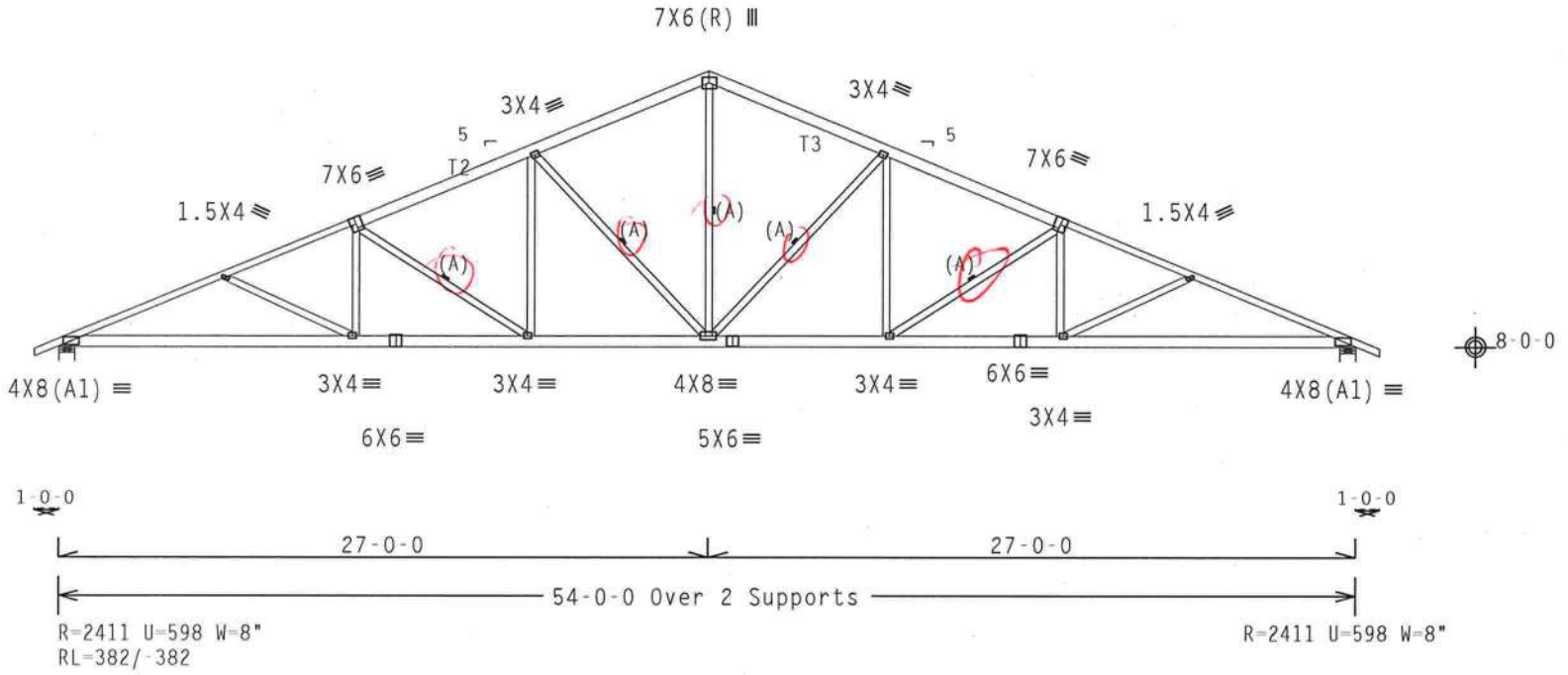
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 9.02.00 [illegible] QTY:11 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL [illegible] 0 278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

[illegible] 16 '09

TC LL	20.0 PSF	REF	R8228- 51144
TC DL	10.0 PSF	DATE	12/16/09
BC DL	10.0 PSF	DRW	HCUSR8228 09350031
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	67769
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TXN8228Z05

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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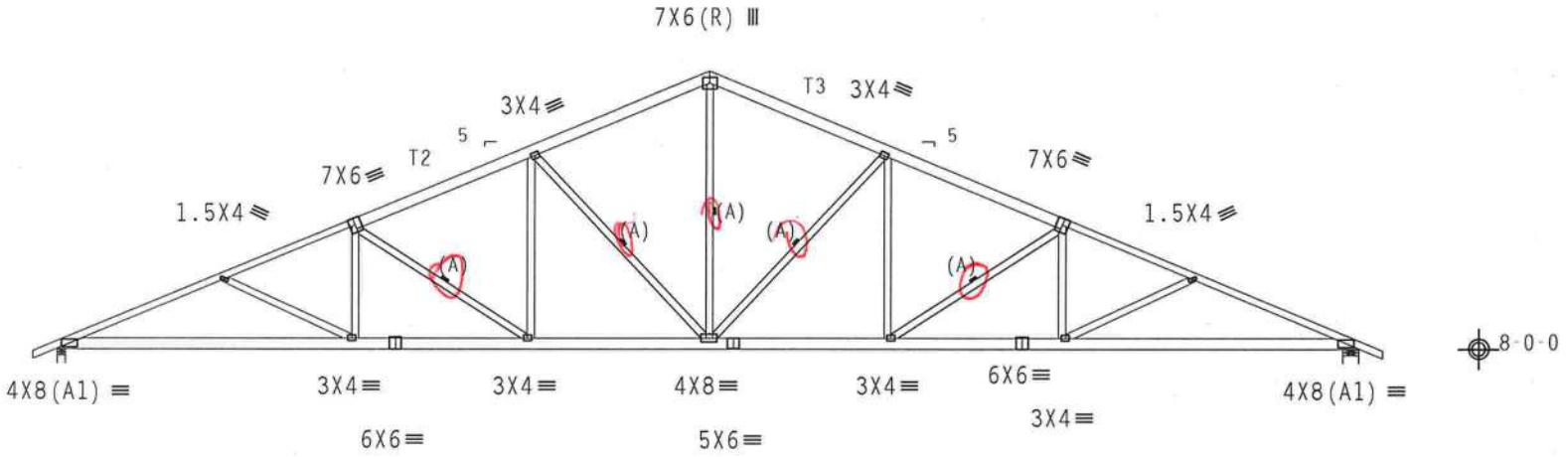
Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 9.02.00 [illegible]15 | QTY:8 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL [illegible]0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

[illegible]C 16 '09

TC LL	20.0 PSF	REF	R8228- 51145
TC DL	10.0 PSF	DATE	12/16/09
BC DL	10.0 PSF	DRW	HCUSR8228 09350032
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	67774
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TXN8228Z05

Top chord 2x4 SP #2 Dense .12, T3 2x6 SP #2.
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Special loads
(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC	From	22 plf	at -1.00	to	22 plf	at 12.23
TC	From	22 plf	at 12.23	to	22 plf	at 27.00
TC	From	22 plf	at 27.00	to	22 plf	at 41.77
TC	From	22 plf	at 41.77	to	22 plf	at 55.00
BC	From	4 plf	at -1.00	to	4 plf	at 0.00
BC	From	40 plf	at 0.00	to	40 plf	at 14.00
BC	From	40 plf	at 14.00	to	40 plf	at 28.00
BC	From	40 plf	at 28.00	to	40 plf	at 35.50
BC	From	80 plf	at 35.50	to	80 plf	at 38.50
BC	From	40 plf	at 38.50	to	40 plf	at 40.00
BC	From	40 plf	at 40.00	to	40 plf	at 54.00
BC	From	4 plf	at 54.00	to	4 plf	at 55.00

Wind reactions based on MWFRS pressures.

110 mph Wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED Bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

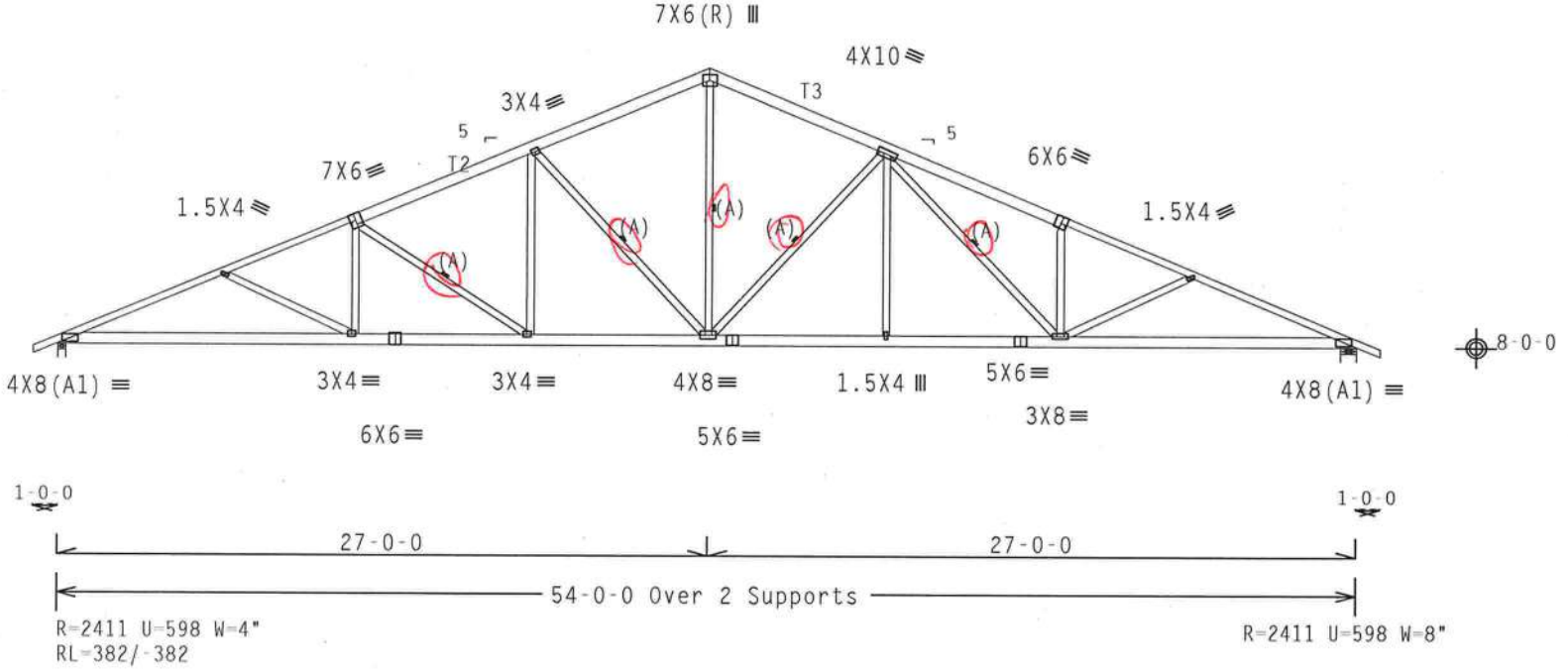
Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42" high x 24" wide clearance.

Deflection meets L/240 live and L/180 total load.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 9.02.00 | QTY:5 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL [illegible] 0278

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DOUGLAS FLEMING LICENSE No 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 16 '09

TC LL	20.0 PSF	REF	R8228- 51146
TC DL	10.0 PSF	DATE	12/16/09
BC DL	10.0 PSF	DRW	HCUSR8228 09350033
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	67781
DUR.FAC.	1.25	FROM	GA
SPACING	24.0"	JREF-	1TXN8228Z05

Top chord 2x6 SP #2
Bot chord 2x6 SP #2
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

Deflection meets L/240 live and L/180 total load.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

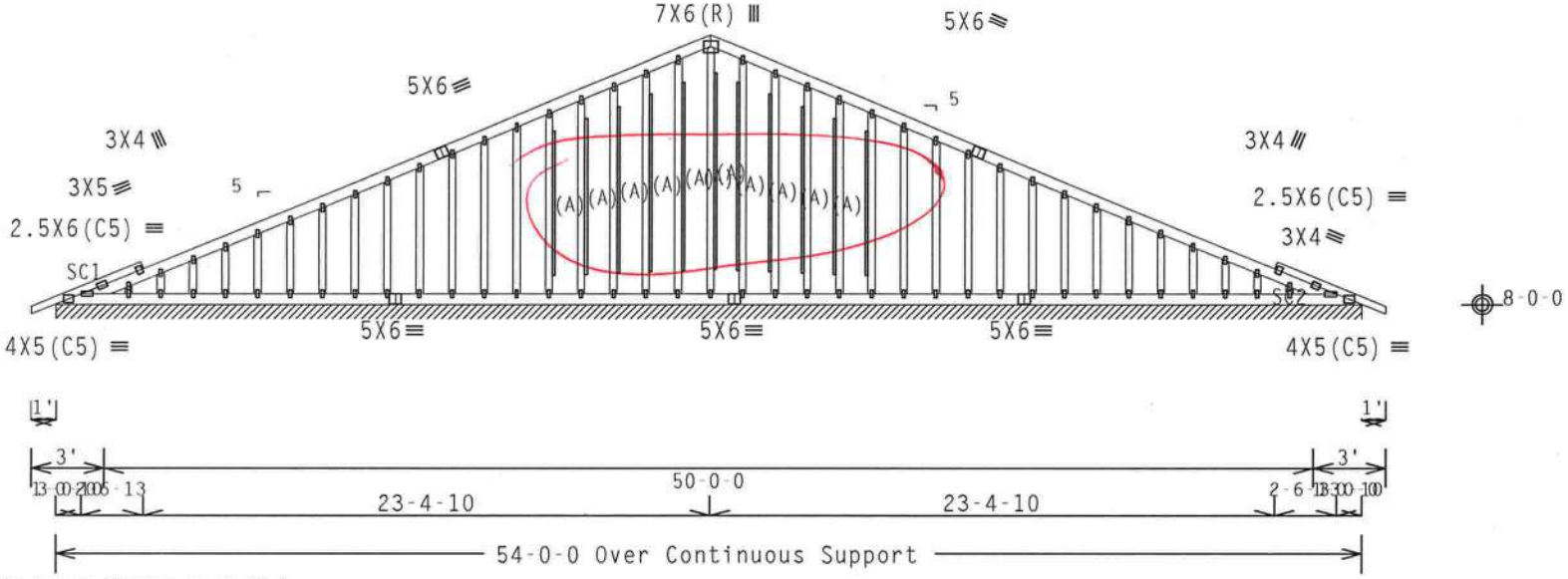
Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

(A) 1x4 #3SRB SPF-S or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

In lieu of structural panels use purlins to brace TC @ 24" OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



R=140 PLT U=23 PLT W=54-0-0
RL=7/-7 PLT

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 9.02.00 QTY:2 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
DEC 16 '09

TC LL	20.0 PSF	REF	R8228- 51147
TC DL	10.0 PSF	DATE	12/16/09
BC DL	10.0 PSF	DRW	HCUSR8228 09350034
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	67802
DUR.FAC.	1.25	FROM	GA
SPACING	24.0"	JREF-	1TXN8228Z05

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON A TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

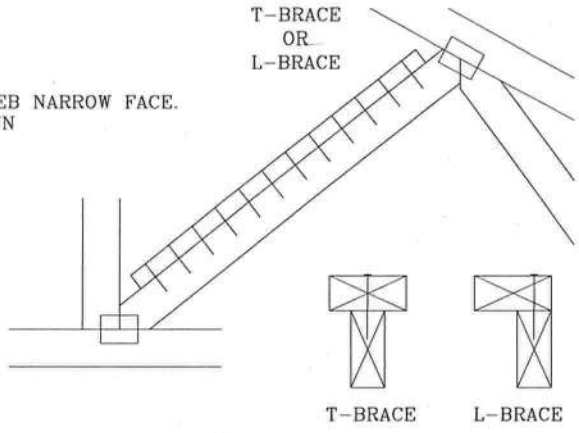
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

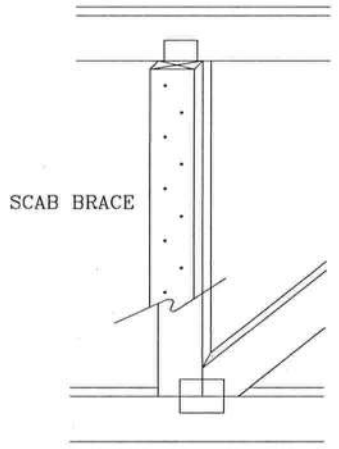
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3.",MIN) NAILS.
AT 6" O.C.
BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3.",MIN) NAILS.
AT 6" O.C.
BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



Building Components Group Inc.

Earth City, MO 63045

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
1/6 '09

TC LL	PSF	REF CLB SUBST.
TC DL	PSF	DATE 1/1/09
BC DL	PSF	DRWG BRCLBSUB0109
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

GABLE STUD REINFORCEMENT DETAIL

ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
16" O.C.	SPF HF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"
	SP DFL	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

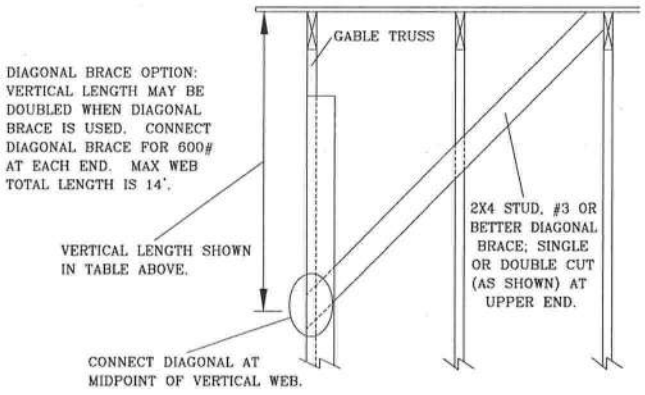
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

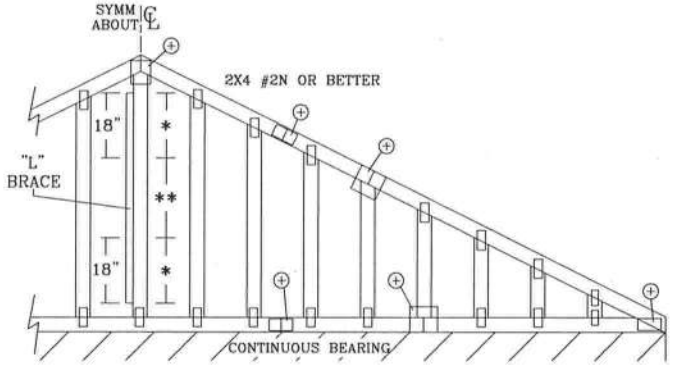
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS. (0.128"x3" min)

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

ITW Building Components Group Inc.

Earth City, MO 63045

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
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IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.
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ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

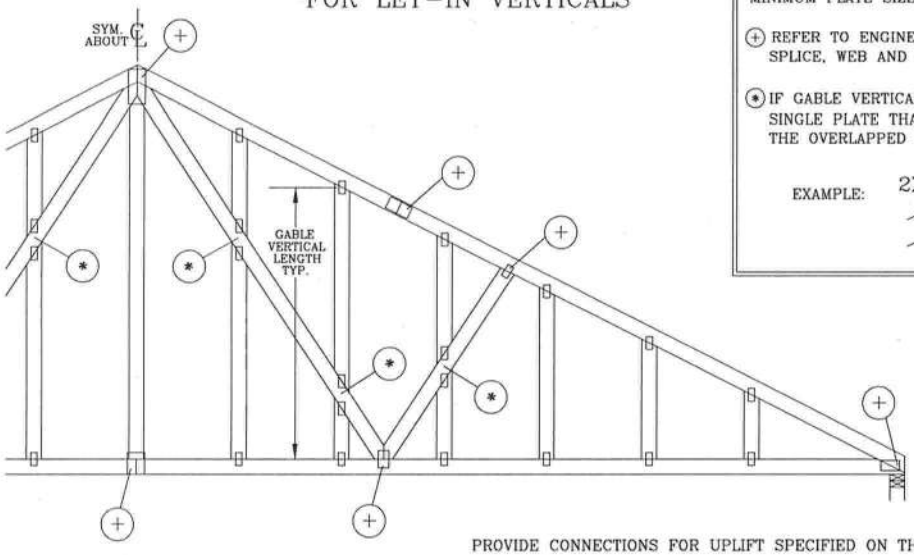
DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 6 '09

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-05-GAB11015
DATE	1/1/09
DRWG	A11015050109

GABLE DETAIL
FOR LET-IN VERTICALS



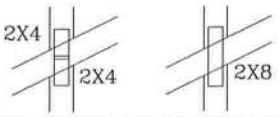
GABLE TRUSS PLATE SIZES

REFER TO APPROPRIATE ITW GABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

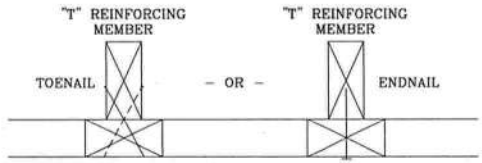
(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

(*) IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE THAT COVERS THE TOTAL AREA OF THE OVERLAPPED PLATES TO SPAN THE WEB.

EXAMPLE:



"T" REINFORCEMENT ATTACHMENT DETAIL



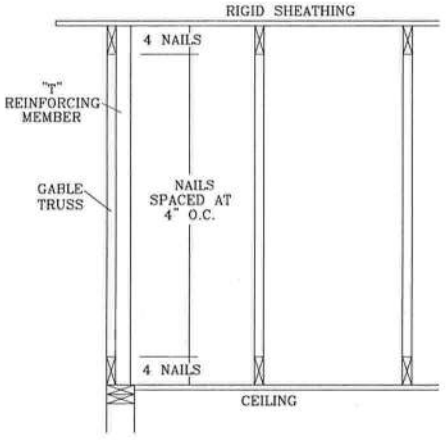
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" INCREASE BY LENGTH (BASED ON APPROPRIATE ITW GABLE DETAIL).

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	"T" INCREASE
140 MPH	2x4	10 %
15 FT	2x6	50 %
140 MPH	2x4	10 %
30 FT	2x6	50 %
130 MPH	2x4	10 %
15 FT	2x6	50 %
130 MPH	2x4	10 %
30 FT	2x6	50 %
120 MPH	2x4	10 %
15 FT	2x6	50 %
120 MPH	2x4	10 %
30 FT	2x6	40 %
110 MPH	2x4	10 %
15 FT	2x6	40 %
110 MPH	2x4	10 %
30 FT	2x6	50 %
100 MPH	2x4	20 %
15 FT	2x6	30 %
100 MPH	2x4	10 %
30 FT	2x6	40 %
90 MPH	2x4	20 %
15 FT	2x6	20 %
90 MPH	2x4	20 %
30 FT	2x6	30 %

EXAMPLE:
ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

END DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) NAILS AT 4" O.C. PLUS
(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAILED NAILS:
10d COMMON (0.148"x3",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW GABLE DETAIL FOR ASCE WIND LOAD.

ASCE 7-98 GABLE DETAIL DRAWINGS
A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109

ASCE 7-02 GABLE DETAIL DRAWINGS
A13015020109, A12015020109, A11015020109, A10015020109, A14015020109,
A13030020109, A12030020109, A11030020109, A10030020109, A14030020109

ASCE 7-05 GABLE DETAIL DRAWINGS
A13015050109, A12015050109, A11015050109, A10015050109, A14015050109,
A13030050109, A12030050109, A11030050109, A10030050109, A14030050109

SEE APPROPRIATE ITW GABLE DETAIL FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

ITW
Building Components Group Inc.

Earth City, MO 63045

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ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

Dec 16 '09

MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

REF	LET-IN VERT
DATE	1/1/09
DRWG	GBLLETIN0109

2.5 TON

HEATING AND COOLING REQUIREMENTS

Robert Leffler

WINTER	CLIMATIC CONDITIONS	SUMMER
10	OUTDOOR	95
70	INDOOR	75

HEATING LOADS, BTUH		COOLING LOADS, BTUH SENSIBLE	COOLING LOADS, BTUH LATENT
4950	CEILING	3630	
8019	WALLS	3154	
0	PARTITIONS	0	
6000	FLOORS	0	
239	OUTSIDE DOORS	94	
2088	WINDOWS	1128	
5443	SLIDING/FRENCH DOORS	4032	
0	SKYLIGHTS	0	
N/A	PEOPLE	1200	920
N/A	APPLIANCES	1200	
19288	INFILTRATION	3674	3181
6804	DUCTWORK	2717	
TOTAL 62852		SENSIBLE 20829	4101 LATENT
		TOTAL 24930	

Capacity Requirements are based on MANUAL-J (ACCA), Seventh Edition

891 CFM AIRFLOW (MIN.) 964 CFM

Rocky Top Air (865) 474-1511

Aplication #

0912-28

Any Questions Please

Call Cathy 727-688-1056

Thanks

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ **Project Name:**

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			-
1. Swinging	PGT	Swing Doors	FL-253-R-8
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	PGT	Single Hung	FL239-R13
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits	GAF	SOFFIT	FL-12726
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	GAF	shingles	FL-10124-R1
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal			
Rf 5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

COLUMBIA COUNTY BUILDING DEPARTMENT 6-25-09
RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 EFFECTIVE 1 MARCH 2009 & 2009 SUPPLEMENTS EFFECTIVE 1 MARCH 2009, ONE (1) AND TWO (2) FAMILY DWELLINGS with Supplements and Revision, OF THE NATIONAL ELECTRICAL 2008

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009 SUPPLEMENTS EFFECTIVE 1 MARCH 2009. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) **SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Circled as Applicable		
				Yes	No	N/A
1	Two (2) complete sets of plans containing the following:			X		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			X		
3	Condition space (Sq. Ft.)		Total (Sq. Ft.) under roof	IIIIIII	IIIIIII	IIIII

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	X		
5	Dimensions of all building set backs	X		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	X		
7	Provide a full legal description of property.	X		

Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	**Plans or specifications must show compliance with FBCR Chapter 3**	IIIIII	IIIII	IIIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	X		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	X		
11	Wind importance factor and nature of occupancy	X		
12	The applicable internal pressure coefficient, Components and Cladding	X		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	X		

Elevations Drawing including:

14	All side views of the structure	X		
15	Roof pitch	X		
16	Overhang dimensions and detail with attic ventilation	X		
17	Location, size and height above roof of chimneys	X		
18	Location and size of skylights with Florida Product Approval	X		
18	Number of stories	X		
20A	Building height from the established grade to the roofs highest peak	X		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	X		
21	Raised floor surfaces located more than 30 inches above the floor or grade	X		
22	All exterior and interior shear walls indicated			
23	Shear wall opening shown (Windows, Doors and Garage doors)			X
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBCR 613.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.			X
25	Safety glazing of glass where needed	X		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	X		
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails			X
28	Identify accessibility of bathroom (see FBCR SECTION 322)			X

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	X		
30	All posts and/or column footing including size and reinforcing	X		
31	Any special support required by soil analysis such as piling.			X
32	Assumed load-bearing valve of soil 2500 Pound Per Square Foot			
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) **For** structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	X		

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)			X
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports			X

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Sub mit other approved termite protection methods. **Protection shall be provided by registered termiticides**	X		

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	X		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	X		

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	X		
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers	X		
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers	X		
42	Attachment of joist to girder	X		
43	Wind load requirements where applicable	X		
44	Show required under-floor crawl space	X		

45	Show required amount of ventilation opening for under-floor spaces	X		
46	Show required covering of ventilation opening	X		
47	Show the required access opening to access to under-floor spaces	X		
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interi of the areas structural panel sheathing	X		
49	Show Draftstopping, Fire caulking and Fire blocking			X
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			X
51	Provide live and dead load rating of floor framing systems (psf).	X		

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	X		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	X		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	X		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	X		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)			X
57	Indicate where pressure treated wood will be placed	X		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	X		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	X		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	X		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	X		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	X		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	X		
64	Provide dead load rating of trusses	X		

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing			X
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating			X
67	Valley framing and support details			X
68	Provide dead load rating of rafter system			X

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	X		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	X		

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	X		
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	X		

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter11 Residential buildings compliance methods. **Two of the required forms are to be submitted**, *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	X		
74	Attic space	X		
75	Exterior wall cavity	X		
76	Crawl space	X		

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	X		
78	Exhaust fans shown in bathrooms **Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required**			X
79	Show clothes dryer route and total run of exhaust duct			X

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	X		
81	Show the location of water heater	X		

Private Potable Water

82	Pump motor horse power			X
83	Reservoir pressure tank gallon capacity			X
84	Rating of cycle stop valve if used			X

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	X		
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by **Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A**	X		
87	Show the location of smoke detectors & Carbon monoxide detectors	X		
88	Show service panel, sub-panel, location(s) and total ampere ratings	X		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. **For structures** with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	X		
90	Appliances and HVAC equipment and disconnects	X		
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed **Combination arc-fault circuit interrupter,** Protection device.	X		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application form is to be completed and submitted for all residential projects	X		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	X		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	X		
95	**City of Lake City** A permit showing an approved waste water sewer tap	X		
96	**Toilet facilities shall be provided for all construction sites**	X		
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			X

98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			X
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established	X		
100	A development permit will also be required. Development permit cost is **$50.00**			
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			X
102	**911 Address:** If the project is located in an area where a 911 address has not been issued, then application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	X		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department

DAT /16/2010

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000028663

APPLICANT CATHY LEFFLER PHONE 72.688.1056

ADDRESS 9920 59TH STREET NORTH PINELLAS PARK FL 33782

OWNER CATHY LEFFLER PHONE 727.688.1056

ADDRESS 430 NW MILO TERRACE LAKE CITY FL 32055

CONTRACTOR CATHY LEFFLER PHONE 727.688.1056

LOCATION OF PROPERTY 90-W TO LAKE JEFFERY RD,TR TO HUNTSVILLE DR,TL TO MILO TERRACE,TR, 3RD. ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 135000.00

HEATED FLOOR AREA 2500.00 TOTAL AREA 2700.00 HEIGHT 24.50 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5'12 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 X DEVELOPMENT PERMIT NO.

PARCEL ID 08-3S-16-02032-124 SUBDIVISION HILLS OF HUNTSVILLE

LOT 24 BLOCK PHASE UNIT TOTAL ACRES 5.00

000001825		OWNER	Cathy R
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor

WAIVER	09-0622	BLK	WR	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. MFE @ 105.50' PER PLAT. ELEVATION CONFIRMATION LETTER REQUIRED.

Check # or Cash 1423

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 Insulation ____ 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 Pool ____ date/app. by

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

Pump pole ____ date/app. by Utility Pole ____ date/app. by M/H tie downs, blocking, electricity and plumbing ____ date/app. by

Reconnection ____ date/app. by RV ____ date/app. by Re-roof ____ date/app. by

BUILDING PERMIT FEE $ 675.00 CERTIFICATION FEE $ 13.50 SURCHARGE FEE $ 13.50

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 777.00

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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