DATE 09/30/2005 Columbia C	ounty Building Permit PERMIT
	res One Year From the Date of Issue 000023677
APPLICANT KENNY TOWNSEND	PHONE 752-4071
ADDRESS PO BOX 1621	LAKE CITY FL 32025
OWNER MATTHEW & LORI SIMPSON ADDRESS 447 SW PREEZY LN	PHONE 365-5678
ADDRESS 447 SW BREEZY LN CONTRACTOR MIKE HERLONG	LAKE CITY FL 32025
CONTRACTOR MIKE HERLONG	PHONE 752-4071
LOCATION OF PROPERTY 441 S, R 131, L BED DEAD END	DENBAUGH, L WENDY, L BREEZY AT THE
TYPE DEVELOPMENT SFD,UTILITY	ESTIMATED COST OF CONSTRUCTION 173400.00
HEATED FLOOR AREA 3468.00	TOTAL AREA 4984.00 HEIGHT 30.00 STORIES 2
FOUNDATION CONCRETE WALLS FRAM	MED ROOF PITCH 7/12 FLOOR SLAB
LAND USE & ZONING AG-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 XPSP	DEVELOPMENT PERMIT NO.
PARCEL ID 33-4S-17-08944-011	SUBDIVISION HILLCREST UNREC
LOT C BLOCK PHASE	UNIT TOTAL ACRES 11.00
00000831 RB002	9433 X Rem James O
Culvert Permit No. Culvert Waiver Contractor's	License Number Applicant/Owner/Contractor
WAIVER 05-0914-N	<u>N</u>
Driveway Connection Septic Tank Number	LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD	
COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD	
COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD	Check # or Cash 1401
	Check # or Cash 1401 6 & ZONING DEPARTMENT ONLY (footer/Slab)
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NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

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

Columbia County Building Permit Application /Eff me SS and Revised 9-23-04
For Office Use Only Application # 0509-41 Date Received 9/12 By Permit # 831/ 23677
Application Approved by - Zoning Official BLK Date 29.09. 65 Plans Examiner ok 57H Date 9-22-05
Flood Zone X R. Development Permit MA Zoning A-3 Land Use Plan Map Category A-3
Comments Noc + Sage Sand Service Servi
My. Detached Gargor # 0509-66
V -
Applicants Name Nenny Townsend Phone 752-407/ Address PO BOX (62) NAKE Ciry, 21 32056
Owners Name Matthew + Lori Simpson Phone 365-5678
911 Address 447 SW Breezy, LAKE City, 41 32025
Contractors Name Columbia Home Buikler's Fixe M. Herthone 752-4071
Address 545 SE Hage Lawe
Fee Simple Owner Name & Address Samo First Seder Having By
Bonding Co. Name & Address
Architect/Engineer Name & Address Wm Freenan / Jasign Group: -
Mortgage Lenders Name & Address Finst Jane 12 Jane 12
Circle the correct power company - FL Power & Light Clay Elec Suwannee Valley Elec Progressive Energy
Property ID Number 33-45-17-08944-0// Estimated Cost of Construction 300,000
Subdivision Name Hi//CIEST - WESTER DATE - Lot C Block Unit Phase
Driving Directions 441-5 - To C-131. 570 BEdenburgh TL TO WENDE LITE
TO BREEZY - OPENDENI.
Type of Construction FRame Brick Venece Number of Existing Dwellings on Property None
Total Acreage Lot Size Do you need a - <u>Culvert Permit</u> or <u>Culvert Waiver</u> or <u>Have an Existing Drive</u>
Actual Distance of Structure from Property Lines - Front 177' Side 204 Side 3/7 Rear 144
Total Building Height 30 Number of Stories 2 Heated Floor Area 3468 Roof Pitch 7/12
Porches 822 GARAGE 694 TOTAL 4,984
Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in
compliance with all applicable laws and regulating construction and zoning.
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.
Owner Builder or Agent (Including Contractor) Owner Builder or Agent (Including Contractor) Contractor Signature
Contractors License Number RB0029433
STATE OF FLORIDA Competency Card Number COUNTY OF COLUMBIA NOTARY STAMP/SEAL
Sworn to (or affirmed) and subscribed before me
this 17 day of 09 2 EXPIRES: June 28, 2008 EXPIRES Unit Political Part of the
Personally known or Produced Identification Notary Signature

COLUMBIA COUNTY BUILDING DEPARTMENT CHECKLIST FOR PERMITTING

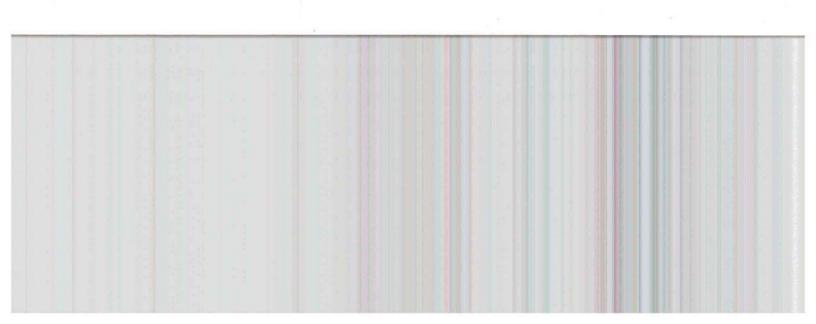
	Application #
\checkmark	Notarized completed Building Permit Application
	Notes:
\	If an Owner Builder, signed Disclosure Statement
	Notes:
V	Recorded Deed or a Notarized Affidavit (form from the Building Dept.)
$\overline{}$	Notes:
<u>/_</u>	Approved and Signed Site Plan from Environmental Health on the septic
/	Notes:
1	Site plan with actual distances of the structure to each property line
/	Notes:
V	911 Address form, Contact 386.752.8787 for an appointment
/	Notes:
/	Residential or Commercial Checklist completed
	Notes:
V	Driving directions including all
	Notes:
/	Well information (on plans or l
	Notes: Just Trute
()	Before the 1st inspection Records 7
	Notes: Notes:
/	2 sets of plans (blueprints)
	Notes:
\times	2 sets of sealed truss engineerin
b	Notes: Will Bring in C
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	2 sets of energy code & manual J
	100
	2 sets of engineering packets including specs on windows, doors, roof and etc. Notes:
v L	

STATE OF FLORIDA

DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT Permit Application Number 05-09/4/

PAR	TII-SITEPLAN	
Scale: 1 inch = 50 feet.		210'
DUNITEH DUNITEH 21	DE DR. VE GAR 3468	36 86° 88° 88° 88° 88° 88° 88° 88° 88° 88
Notes: Site Plan submitted by: Plan Approved Not A	pproved	TER CONTRACTOR Date 9-2-05 Dunty Health Department
ALL CHANGES MUST BE APPROVI	ED BY THE COUNTY HEALTH DEPA	RTMENT
DH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used)		

(Stock Number: 5744-002-4015-6)



7 EAST

Parce &

Simpson

Jenny Joursen

DESCRIPTION PARCEL 'AA'
A PART DE SECTION 33, INDANSHIP A SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE
PARTICULARY DESCRIBED AS FOLLOWS: COMMENCE AT THE SW CORNER OF SAID SECTION 33, AND RUM THENCE
N.89*22*48*E., ALDNG THE SOUTH LINE OF SAID SECTION 33, 230.4.72 FEET TO THE POINT OF BEGINNING,
THENCE N.03*26*29*E., 976.26 FEET, THENCE N.06*06*38*E., 273.63 FEET, THENCE S.83*53*22*E., 408.38 FEET,
THENCE S.06*06*38*W., 1206.00 FEET TO THE SE CORNER OF THE SW 1/4 OF SAID SECTION 33, THENCE
S.89*22*48*W., 365.48 FEET TO THE POINT OF BEGINNING. PARCEL CONTAINS 11.02 ACRES, MORE OR LESS.

SUBJECT TO AND TOGETHER WITH

AN EASEMENT FOR INGRESS AND EGRESS PURPOSES, LYING 30 FEET TO THE LEFT AND 30 FEET TO THE RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE. COMMENCE AT THE ME CORNER OF THE NAV 1/4 OF THE NAV

13'30'E.

04.13' CM-W.

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OR POB, RUN N 3 DEG E 976.26	1262 SW WENDY TERR			CARD 001 of 001	(2) P
, CONT N 6 DEG E 273.63 FT,			PRINTED 8/0	8/03/2005 13:41 BY JEFF	
83 DEG E 408.38 FT, S 6 DEG	LAKE CITY	FL 32025	APPR 6/2	/24/2005 TW	
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Columbia County Property Appraiser - Property Record Card: 33-4S-17-08944-011

33-45-11-00-44-07I						
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FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Owner: Climate Zone: South New Construction or existing Single family Single family Single family Number of units, if multi-family Number of units, if units-family Number of units-if units-family N	Address:	Simpson Residen	ce	Builder: Permitting Office:			
1. New construction or existing New 2. Single family or uniti-family Single family 1 4. Number of Bedrooms 3 3 5. Is this a worst case? No 6. Conditioned floor area (ft?) 3367 ft² 7. Glass area & type Single Pane Double Pane 0. Oft² 0.0 ft²		,					
2. Single family or multi-family 3. Number of units, if multi-family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass area & type a. Clear glass, default U-factor b. Default Unit c. Labeled U or SHGC 9. 0.0 ft² 9. 0.0 ft² 9. 0.0 ft² 9. Single Pane 9. Double Pane a. Electric Heat Pump 9. Ni/A 1. Ducts a. Frame, Wood, Exterior b. Ni/A 1. Ducts a. Sup. Con. Ret: Con. AH: Interior b. Ni/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this scalculation credits covered by this scalculation are in compliance with the Florida a. Central Unit Cap: 60.0 kBtu/hr SEER: 10.00 b. Ni/A c. Ni/A c. Ni/A 13. Heating systems a. Electric Heat Pump 6. Ni/A c. N	Climate Zone	South					
2. Single family or multi-family 3. Number of units, if multi-family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass area & type a. Clear glass, default U-factor b. Default Unit c. Labeled U or SHGC 9. 0.0 ft² 9. 0.0 ft² 9. 0.0 ft² 9. N/A 1. Ducts a. N/A 1. Ducts a. SIAD-On-Grade Edge Insulation b. N/A c. N/A 1. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this scalculation credits calculation are in compliance with the Florida a. Central Unit Cap: 60.0 kBttu/hr SEER: 10.00 Sp. N/A b. N/A c. N/A c. N/A c. N/A c. N/A 13. Heating systems a. Electric Heat Pump c. N/A c. N/	New constru	action or existing	New	12. Cooling systems			
3. Number of units, if multi-family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass area & type 6. Conditioned floor area (ft²) 8. Floor types 6. Labeled U or SHGC 7. Glass area & type 8. Floor types 9. Single Pane Double Pane 9. Single Pane Double Pane 9. No 123.0 ft² 13. Heating systems 14. Heating systems 15. Ni/A 16. Ni/A 17. Ni/A 18. Ni/A 19. Wall types 19. Ni/A 19. Wall types 19. Ni/A 10. Ceiling types 10. Lociling types 10. Lociling types 11. Duets 12. Sep: Con. Ret: Con. AH: Interior 13. Number of Bedrooms 14. Hot water systems 15. Ni/A 16. Conservation credits 17. High representation of the plans and specifications covered by this calculation are in compliance with the Florida 18. Pane of Bedrooms 19. Ni/A 20. Ni/A 21. Hot water systems 21. Heating systems 22. Ni/A 23. Electric Heat Pump 24. Cap: 60.0 kBtu/hr 25. Ni/A 26. Ni/A 27. Ni/A 28. Electric Resistance 24. Ni/A 29. Wall types 29. Wall types 29. Ni/A 20. Conservation credits 20. Ni/A 20. Conservation credits 20. Conservation credits 20. Ni/A 20. Conservation credits 20. Ni/A 20. Ni/A 20. Conservation credits 20. Ni/A 20. Ni/A 20. Ni/A 20. Ni/A 20. Ni/A 20. Ni/A 21. Heating systems 21. Heating systems 22. Electric Heat Pump 23. Electric Heat Pump 24. Ni/A 25. Ni/A 26. Ni/A 27. Ni/A 27. Ni/A 27. Ni/A 27. Ni/A 27. Ni/A 27. Pane And			Single family		Cap: 60.0 kBtu/hr		
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6. Conditioned floor area (ft²) 7. Glass area & type a. Clear glass, default U-factor b. Default tint c. Labeled U or SHGC 0.0 ft² 0.0			3	b. N/A	_		
7. Glass area & type a. Clear glass, default U-factor b. Default tint c. Labeled U or SHGC 0.0 ft² 235.0 ft² a. Electric Heat Pump Cap: 60.0 kBtu/hr HSPF: 7.00 8. Floor types a. Slab-On-Grade Edge Insulation b. N/A c. N/A 9. Wall types a. Frame, Wood, Exterior b. N/A c. N/A d. N/A c. N/A d. N/A c. N/A d. N/A c. N/A 10. Celling types a. Under Attic b. N/A c. N/A 11. Duets a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this calculation are in compliance with the Florida 13. Heating systems a. Electric Heat Pump Cap: 60.0 kBtu/hr HSPF: 7.00 B. N/A a. Electric Heat Pump Cap: 60.0 kBtu/hr A. Electric Heat Pump B. N/A a. Electric Heat Pump Cap: 60.0 kBtu/hr A. Electric	5. Is this a wor	st case?	No	AND	_		
a. Clear glass, default U-factor b. Default tint c. Labeled U or SHGC 0.0 ft²	Conditioned	floor area (ft2)	3367 ft²	c. N/A	_		
a. Clear glass, default U-factor b. Default tint c. Labeled U or SHGC 0.0 ft²	7. Glass area &	type Single P	ane Double Pane	guar com a del gracian			
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b. N/A c. N/A 9. Wall types a. Frame, Wood, Exterior b. N/A c. N/A d. N/A c. N/A d. N/A c. N/A d. N/A d. N/A c. N/A 10. Ceiling types a. Under Attic b. N/A 11. Duets a. Sup: Con. Ret: Con. AH: Interior b. N/A 11. Duets a. Sup: Con. Ret: Con. AH: Interior b. N/A 11. Duets a. Sup: Con. Ret: Con. AH: Interior b. N/A 11. Duets a. Sup: Con. Ret: Con. AH: Interior b. N/A 11. Duets a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this calculation are in compliance with the Florida	8. Floor types		_	b. N/A	_		
c. N/A 9. Wall types a. Frame, Wood, Exterior b. N/A c. N/A d. N/A e. N/A c. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida 14. Hot water systems a. Electric Resistance Cap: 50.0 gallons EF: 0.90 c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this calculation are in compliance with the Florida	a. Slab-On-Gra	ade Edge Insulation	R=0.0, 213.6(p) ft	And the second of the second of	_		
9. Wall types a. Frame, Wood, Exterior B. N/A c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic B. N/A 11. Duets a. Sup: Con. Ret: Con. AH: Interior B. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida 14. Hot water systems a. Electric Resistance Cap: 50.0 gallons EF: 0.90 Cap: 50.0 gallons EF: 0.90 Cap: 50.0 gallons Cap: 50.	b. N/A		_	c. N/A	_		
a. Frame, Wood, Exterior b. N/A c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A c. N/A l. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 R=13.0, 1708.8 ft² a. Electric Resistance Cap: 50.0 gallons EF: 0.90 c. Ch. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this	c. N/A				_		
b. N/A c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida EF: 0.90 c. N/A c. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this specifications covered by this calculation are in compliance with the Florida	Wall types		_	14. Hot water systems			
c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida b. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this	a. Frame, Woo	od, Exterior	R=13.0, 1708.8 ft ²	a. Electric Resistance	Cap: 50.0 gallons		
d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this	b. N/A		-		EF: 0.90		
e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this	c. N/A		_	b. N/A			
10. Ceiling types a. Under Attic B. N/A c. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 R=30.0, 3703.7 ft² DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this calculation are in compliance with the Florida (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this	d. N/A		_		_		
a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 R=30.0, 3703.7 ft²	e. N/A				_		
b. N/A c. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior Sup. R=6.0, 74.6 ft b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this	Ceiling type	S	_	(HR-Heat recovery, Solar			
C. N/A 11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Sup. R=6.0, 74.6 ft Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this calculation are in compliance with the Florida	a. Under Attic		R=30.0, 3703.7 ft ²	DHP-Dedicated heat pump)			
11. Ducts a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Sup. R=6.0, 74.6 ft Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this calculation are in compliance with the Florida	b. N/A		_		PT, CF,		
a. Sup: Con. Ret: Con. AH: Interior b. N/A Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) Review of the plans and specifications covered by this calculation are in compliance with the Florida	c. N/A			# [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]			
MZ-C-Multizone cooling, MZ-H-Multizone heating) Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 PASS I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this specifications covered by this	11. Ducts		_				
Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida MZ-H-Multizone heating) Review of the plans and specifications covered by this specifications covered by this	a. Sup: Con. I	Ret: Con. AH: Interior	Sup. R=6.0, 74.6 ft	PT-Programmable Thermostat,			
Glass/Floor Area: 0.07 Total as-built points: 35003 Total base points: 48315 Review of the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this	b. N/A						
Total base points: 48315 I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this specifications covered by this				MZ-H-Multizone heating)			
Total base points: 48315 I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this specifications covered by this							
Total base points: 48315 I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this specifications covered by this							
Total base points: 48315 I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this specifications covered by this	Address: City, State: Owner: Climate Zone: South 1. New construction or existing						
I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Review of the plans and specifications covered by this		Glass/Floor Area: 0.07					
by this calculation are in compliance with the Florida specifications covered by this		oran er constitución (f. 1900) escribión (f. 1900) escribión (f. 1905) escribión (f. 1905) escribión (f. 1905)	l otal base	points: 48315			
by this calculation are in compliance with the Florida specifications covered by this	I hereby certi	fy that the plans and spec	rifications covered	Review of the plans and			
1					OF THE STATE		
Energy Code.	Energy Code		in the Florida	calculation indicates compliance			

EnergyGauge® (Version: FLRCPB v3.30)

I hereby certify that this building, as designed, is in

compliance with the Florida Energy Code

OWNER/AGENT:

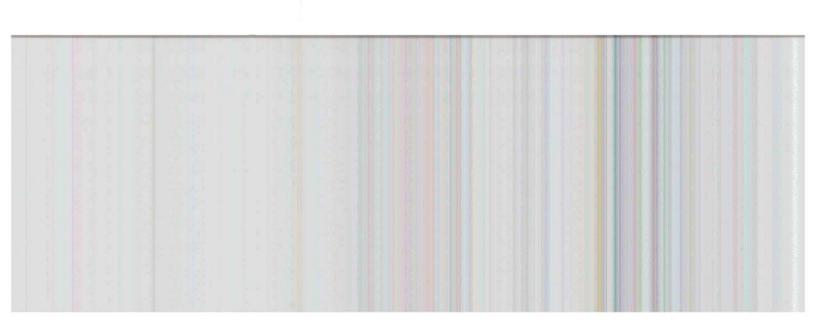
DATE:

with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908

BUILDING OFFICIAL: _

Florida Statutes.

DATE:



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

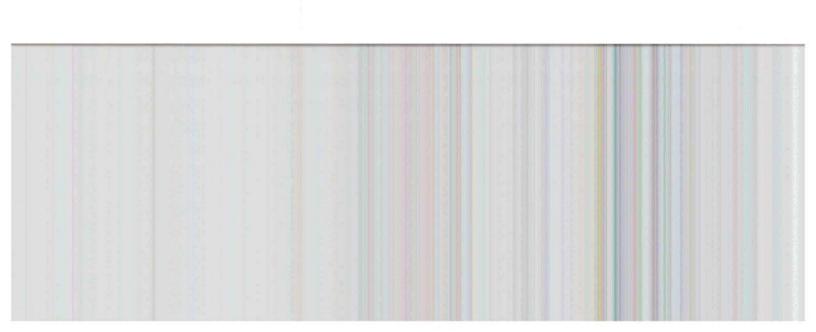
6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

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WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS:,,,
PERMIT#:

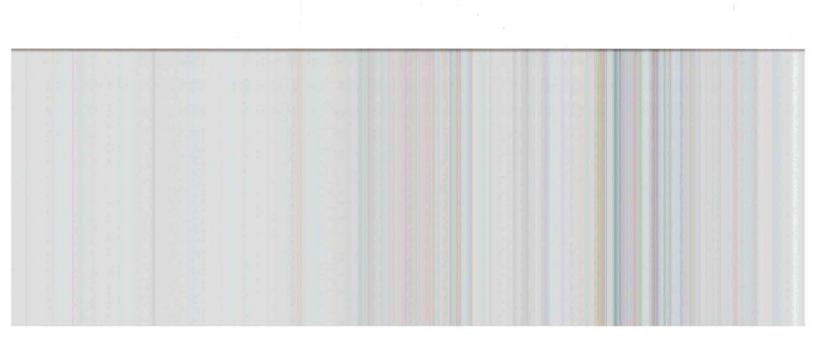
	В	ASE			AS-BUILT							
WATER HEA Number of Bedrooms	TING X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier >	Credit Multipl	
3		2369.00		7107.0	50.0	0.90	3		1.00	2316.36	1.00	6949.1
					As-Built To	tal:						6949.1

				CODE	CC	MPLI	ANCE	ST	ATUS	3			
		BAS	E						-	AS-	BUILT		
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
39775		1433		7107		48315	27178		876		6949		35003

PASS



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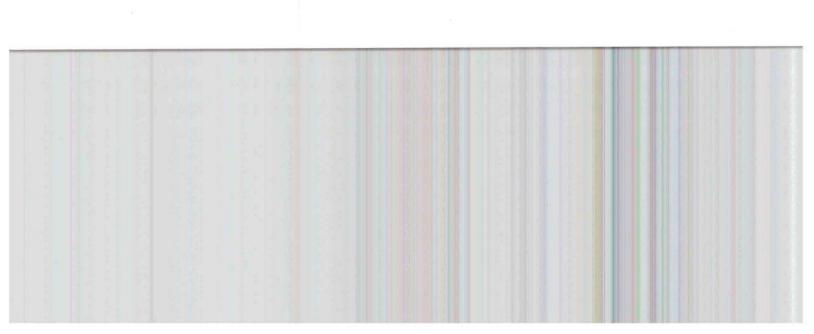
WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:,,,
PERMIT#:

	BASE				AS-BUILT										
Winter Base	e Poin	ts:		2283.7	Winter As	-B	uilt P	oir	its:					1	830.1
Total Winter Points		tem ultiplie	= r	Heating Points	Total Component	X	Cap Ratio	X (DN	Duct X Multiplier	N	System Aultiplier	X	Credit Multiplier	=	Heating Points
2283.7	0.0	6274		1432.8	1830.1 1830.1		1.000	(1.0	00 x 1.137 x 0. 1.035	.91)	0.487 0.487		0.950 0.950		876.3 376.3

EnergyGauge™ DCA Form 600A-2001



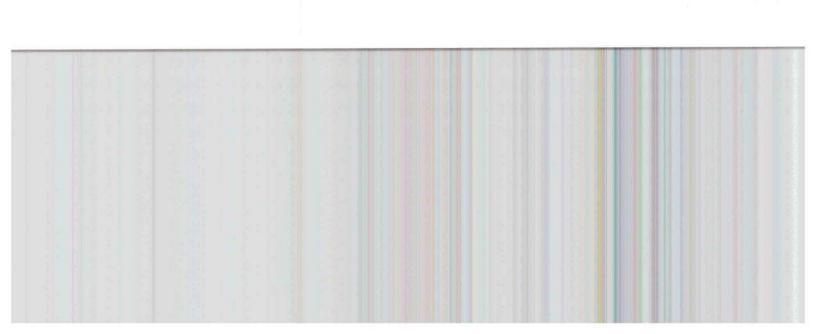
WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:,,,

	BASE					AS-	BUI	LT				
GLASS TYPES .18 X Condition Floor Are		WPM =	Points	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	WP	M X	WOF	= Point
.18 3367.0)	2.36	1430.3	Double, Clear	N	1.5	6.0	45.0	4.3	38	0.99	195.4
				Double, Clear	Ν	1.5	6.0	30.0	4.3		0.99	130.3
				Double, Clear	Ν	1.5	5.0	8.0	4.		0.99	34.7
				Double, Clear	N	1.5	6.0	20.0	4.		0.99	86.8
				Double, Clear Double, Clear	E S	1.5 1.5	4.0 7.0	6.0 126.0	3.		1.03	20.5 396.5
				As-Built Total:				235.0				864.1
WALL TYPES	Area X	BWPM	= Points	Type		R-\	/alue	Area	Х	WPN	1 =	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1708.8		0.60		1025.3
Exterior	1708.8	0.60	1025.3									
Base Total:	1708.8		1025.3	As-Built Total:				1708.8				1025.3
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	Х	WPN	/I =	Points
Adjacent	0.0	0.00	0.0	Exterior Wood				40.8		2.80		114.2
Exterior	78.9	1.80	142.0	Exterior Wood				38.1		2.80		106.6
Base Total:	78.9		142.0	As-Built Total:				78.9				220.9
CEILING TYPES	SArea X	BWPM	= Points	Туре	R	-Value	Ar	ea X W	PM	X W	CM =	Points
Under Attic	3367.0	0.10	336.7	Under Attic			30.0	3703.7	0.10	X 1.00		370.4
Base Total:	3367.0		336.7	As-Built Total:				3703.7				370.4
FLOOR TYPES	Area X	BWPM	= Points	Туре		R-1	√alue	Area	Χ	WPN	/I =	Points
Slab	213.6(p)	-2.1	-448.6	Slab-On-Grade Edge Insulati	on		0.0	213.6(p		-2.10		-448.0
Raised	0.0	0.00	0.0									
Base Total:			-448.6	As-Built Total:				213.6				-448.0
INFILTRATION	Area X	BWPM	= Points					Area	Χ	WPN	/1 =	Points
	3367.0	-0.06	-202.0					3367.	^	-0.0	_	-202.0

EnergyGauge® DCA Form 600A-2001



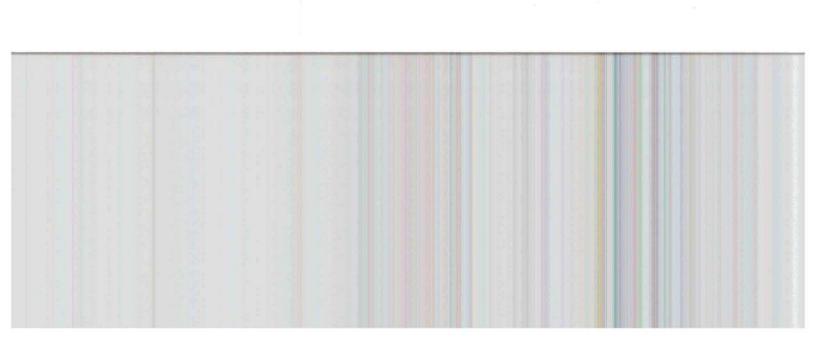
SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:,,,
PERMIT#:

	BASE				AS-BU	JILT			
Summer Bas	Summer Base Points: 93237.1			Summer As-Built Points:					
Total Summer Points	X System Multiplier	= Cooling Points	Total X Component	Cap Ratio	X Duct X Multiplier (DM x DSM x AHU)	System X Multiplier	Credit Multiplie	= Cooling r Points	
93237.1	0.4266	39774.9	84226.4 84226.4	1.000	(1.000 x 1.165 x 0.9 1.048	0.341 0.341	0.902 0.902	27178.0 27178.0	

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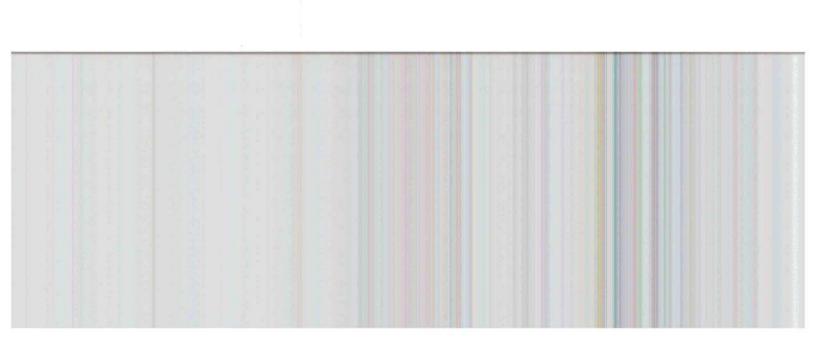
SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS:,,,
PERMIT #:

	BASI	E				AS-	BUI	LT				
GLASS TYPES												
.18 X Condition		BSPM =	Points			rhang						
Floor Ar	ea			Type/SC	Ornt	Len	Hgt	Area X	SP	M X	SOF	= Points
.18 3367.	0	32.50	19697.0	Double, Clear	N	1.5	6.0	45.0	31.5	93	0.94	1351.1
				Double, Clear	N	1.5	6.0	30.0	31.9	93	0.94	900.7
				Double, Clear	N	1.5	5.0	8.0	31.	93	0.92	234.5
				Double, Clear	N	1.5	6.0	20.0	31.		0.94	600.5
				Double, Clear	E	1.5	4.0	6.0	68.		0.83	340.
				Double, Clear	S	1.5	7.0	126.0	58.	45	0.91	6703.7
				As-Built Total:				235.0				10130.6
WALL TYPES	Area	X BSPM	= Points	Туре		R-1	√alue	Area	X	SPI	VI =	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1708.8		2.40)	4101.1
Exterior	1708.8	2.70	4613.8	17 17								
Base Total:	1708.8		4613.8	As-Built Total:				1708.8				4101.1
DOOR TYPES	Area	X BSPM	= Points	Туре				Area	Х	SPI	VI =	Points
Adjacent	0.0	0.00	0.0	Exterior Wood				40.8		9.40)	383.5
Exterior	78.9	6.40	504.8	Exterior Wood				38.1		9.40)	358.0
Base Total:	78.9		504.8	As-Built Total:				78.9				741.
CEILING TYPES	S Area	X BSPM	= Points	Туре	F	R-Valu	e A	Area X S	SPM	ХS	CM =	Points
Under Attic	3367.0	2.80	9427.6	Under Attic			30.0	3703.7	2.77	X 1.00)	10259.2
Base Total:	3367.0		9427.6	As-Built Total:				3703.7				10259.
FLOOR TYPES	Area	X BSPM	= Points	Туре		R-V	√alue	Area	Χ	SPI	v1 =	Points
Slab	213.6(p)	-20.0	-4272.0	Slab-On-Grade Edge Insulation	n		0.0	213.6(p		-20.00)	-4272.0
Raised	0.0	0.00	0.0					ų.				
Base Total:			-4272.0	As-Built Total:				213.6				-4272.0
INFILTRATION	Area	X BSPM	= Points					Area	X	SPI	v1 =	Points
	3367.0	18.79	63265.9					3367.0		18.7		63265.9

EnergyGauge® DCA Form 600A-2001



ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 88.1

The higher the score, the more efficient the home.

1.	New construction or existing		New	Line.	12.	Cooling systems		
2.	Single family or multi-family		Single family		a.	Central Unit	Cap: 60.0 kBtu/hr	
3.	Number of units, if multi-family		1				SEER: 10.00	
4.	Number of Bedrooms		3		b.	N/A		
5.	Is this a worst case?		No					0.000
6.	Conditioned floor area (ft2)		3367 ft²		c.	N/A		1-11
7.	Glass area & type	Single Pane	Double Pane					
a.	Clear - single pane	0.0 ft ²	235.0 ft ²		13.	Heating systems		
	Clear - double pane	0.0 ft ²	0.0 ft ²			Electric Heat Pump	Cap: 60.0 kBtu/hr	
c.	Tint/other SHGC - single pane	0.0 ft ²	0.0 ft ²			Control of the contro	HSPF: 7.00	-
	Tint/other SHGC - double pane				b.	N/A		
	Floor types							-
	Slab-On-Grade Edge Insulation	R=0	0.0, 213.6(p) ft	_	c	N/A		7
	N/A	-	,(P)					
c.	N/A				14.	Hot water systems		_
	Wall types					Electric Resistance	Cap: 50.0 gallons	
	Frame, Wood, Exterior	R=1	3.0, 1708.8 ft ²		1000		EF: 0.90	
	N/A			-	b	N/A	DI. 0150	-
	N/A				~	*****		-
	N/A			_	C	Conservation credits		_
	N/A			-	٠.	(HR-Heat recovery, Solar		_
	Ceiling types					DHP-Dedicated heat pump)		
	Under Attic	P=3	0.0, 3703.7 ft ²	_	15	HVAC credits	PT, CF,	
	N/A	IC J	0.0, 5705.7 II	_	13.	(CF-Ceiling fan, CV-Cross ventilation,	Г1, СГ,	-
	N/A			$\overline{}$		HF-Whole house fan,		
	Ducts					PT-Programmable Thermostat,		
	Sup: Con. Ret: Con. AH: Interior	Sup	R=6.0, 74.6 ft	_		MZ-C-Multizone cooling,		
	N/A	Sup.	K-0.0, 74.0 II	_				
U.	IVA					MZ-H-Multizone heating)		
I cer	rtify that this home has compli	ed with the I	Florida Energ	v Eff	icieno	v Code For Building		
	struction through the above en						THEST	
	nis home before final inspectio						OF THE OF	A
	ed on installed Code compliant		, a new EFL	Disp	lay Ca	nd will be completed		Z B
vasc	d on mstaned code compitant	leatures.					5 min	51
Buil	der Signature:			Date	.*			6
-				Dute			1º Land	
				17540W				A
Add	ress of New Home:			City	FL Z	ip:	GOD WE TRUS	3

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

contact the Department of Community Affair 1878 (Surge Version: FLRCPB v3.30)



Residential System Sizing Calculation

Summary

Project Title: Simpson Residence Code Only Professional Version Climate: South

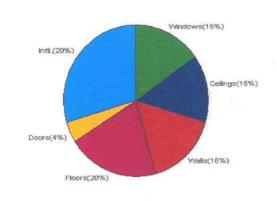
8/19/2005

				0/19/2003	
Location for weather data: Gainesv Humidity data: Interior RH (50%)					
Winter design temperature	31		Summer design temperature	98	F
Winter setpoint	70		Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	23	F
Total heating load calculation	32978	Btuh	Total cooling load calculation	32527	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	181.9	60000	Sensible (SHR = 0.5)	123.3	30000
Heat Pump + Auxiliary(0.0kW)	181.9	60000	Latent	365.6	30000
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Total (Electric Heat Pump)	184.5	60000

WINTER CALCULATIONS

Winter Heating Load (for 3367 sqft)

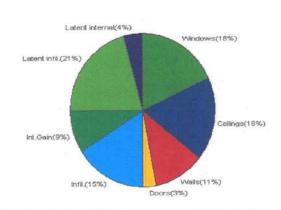
Load component			Load	
Window total	235	sqft	5053	Btuh
Wall total	1709	sqft	5297	Btuh
Door total	79	sqft	1415	Btuh
Ceiling total	3704	sqft	4815	Btuh
Floor total	214	ft	6750	Btuh
Infiltration	225	cfm	9649	Btuh
Subtotal			32978	Btuh
Duct loss			0	Btuh
TOTAL HEAT LOSS			32978	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 3367 sqft)

Load component			Load	
Window total	235	sqft	5940	Btuh
Wall total	1709	sqft	3657	Btuh
Door total	79	sqft	969	Btuh
Ceiling total	3704	sqft	5778	Btuh
Floor total			0	Btuh
Infiltration	197	cfm	4979	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			24322	Btuh
Duct gain			0	Btuh
Total sensible gain			24322	Btuh
Latent gain(infiltration)			6825	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			8205	Btuh
TOTAL HEAT GAIN			32527	Btuh



EnergyGauge® FLRCPB v3.30

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title: Simpson Residence

Code Only Professional Version Climate: South

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

8/19/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	N	45.0	21.5	968 Btuh
2	2, Clear, Wood, DEF	N	30.0	21.5	645 Btuh
2 3 4	2, Clear, Wood, DEF	N	8.0	21.5	172 Btuh
4	2. Clear, Wood, DEF	N	20.0	21.5	430 Btuh
5	2, Clear, Wood, DEF	E	6.0	21.5	129 Btuh
6	2, Clear, Wood, DEF	S	126.0	21.5	2709 Btuh
	Window Total	21	235		5053 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1709	3.1	5297 Btuh
	Wall Total		1709		5297 Btuh
Doors	Туре		Area X	HTM=	Load
1	Wood - Exter		41	17.9	732 Btuh
2	Wood - Exter		38	17.9	683 Btuh
	Door Total		79		1415Btuh
Ceilings	Туре	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	3704	1.3	4815 Btuh
	Ceiling Total		3704		4815Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	213.6 ft(p)	31.6	6750 Btuh
	Floor Total		214		6750 Btuh
Infiltration	Туре	ACH X	Building Volume	CFM=	Load
	Natural	0.40	33670(sqft)	225	9649 Btuh
	Mechanical		A CONTRACTOR OF STREET STREET	0	0 Btuh
	Infiltration Total			225	9649 Btuh

	Subtotal	32978 Btuh
Totals for Heating	Duct Loss(using duct multiplier of 0.00)	0 Btuh
	Total Btuh Loss	32978 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

EnergyGauge® FLRCPB v3.30

System Sizing Calculations - Summer

Residential Load - Component Details

Project Title: Simpson Residence

Code Only Professional Version Climate: South

Reference City: Gainesville (User customized)

Summer Temperature Difference: 23.0 F 8/19/2005

	Туре	Ove	hang	Win	dow Are	a(sqft)	Н	TM	Load	
Window	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N N	1.5	6	45.0	0.0	45.0	24	24	1080	Btuh
2	2, Clear, DEF, N, N N	1.5	6	30.0	0.0	30.0	24	24	720	Btuh
3	2, Clear, DEF, N, N N	1.5	5	8.0	0.0	8.0	24	24	192	Btuh
4	2, Clear, DEF, N, N N	1.5	6	20.0	0.0	20.0	24	24	480	Btuh
5	2, Clear, DEF, N, N E	1.5	4	6.0	0.0	6.0	24	74	444	Btuh
6	2, Clear, DEF, N, N S	1.5	7	126.0	126.0	0.0	24	39	3024	Btuh
	Window Total			235					5940	Btuh
Walls	Туре	R-	Value		1	Area		HTM	Load	
1	Frame - Exterior		13.0		1	708.8		2.1	3657	Btuh
	Wall Total				17	708.8			3657	Btuh
Doors	Туре				-	Area		HTM	Load	
1	Wood - Exter					40.8		12.3	501	Btuh
2	Wood - Exter					38.1		12.3	468	Btuh
	Door Total					78.9			969	Btuh
Ceilings	Type/Color	R-1	/alue		A	Area		HTM	Load	
1	Under Attic/Dark		30.0		3	703.7		1.6	5778	Btuh
	Ceiling Total				37	703.7			5778	Btuh
Floors	Type	R-1	/alue			Size		HTM	Load	
1	Slab-On-Grade Edge Insulation		0.0		2	213.6 ft(p)		0.0	0	Btuh
	Floor Total				2	13.6			0	Btuh
nfiltration	Туре	Α	СН			lume		CFM=	Load	
	Natural		0.35			3670		196.8	4979	Btuh
	Mechanical							0	0	Btuh
	Infiltration Total							197	4979	

Internal	Occupants	Btuh/occupant	Appliance	Load
gain	6	X 300 +	1200	3000 Btuh

	Subtotal	24322	Btuh
	Duct gain(using duct multiplier of 0.00)	0	Btuh
	Total sensible gain	24322	Btuh
Totals for Cooling	Latent infiltration gain (for 51 gr. humidity difference)	6825	Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380	Btuh
	Latent other gain	0	Btuh
	TOTAL GAIN	32527	Btuh

Key: Window types (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/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

23677 5. 23678

15244 ATS# 15007

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Inst:2915022895 Date:09/16/2005 Time:16:17
DC,P.DeWitt Cason,Columbia County B:1058 P:1823

This Instrument Prepared By: Michael H. Harrell Abstract & Title Services, Inc. 283 NW Cole Terrace Lake City, Florida 32055

NOTICE OF COMMENCEMENT

TO WHOM IT MAY CONCERN:

The undersigned hereby give notice that improvements will be made to certain real property and in accordance with Chapter 713.13, Florida Statues, the following is provided in this Notice of Commencement:

1 Description of Property:

SEE EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

- The name and address the undersigned owner Matthew S. Lake City, Simpson and Lori G. Simpson, 447 SW Bery D FL 32055 Breszy ay Drive
- 3 The name and address of the contractor is: Columbia Home Builders, Inc. at 935 Hugo Street, Lake City, FL 32056.
- 4 The name and address of surety bond is: N/A
- 5 LENDER: First Federal Savings Bank of Florida 4705 West US Highway 90 PO Box 2029 Lake City, FL 32056
- 6 Persons within the State of Florida designated by Owner upon whom notices of other documents may be served as provided in Section 713.13(1)a.7., Florida Statutes: NONE
- 7 In addition to himself, Owner designates Paula Hacker of First Federal Savings Bank of Florida, 4705 West US Highway 90 / PO Box 2029, Lake City, FL 32056, to receive a copy of the Lienor's Notice as provided in Section 713.06(2)(b) Florida Statutes.
- 8 Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

*Owner is used for singular or plural as context requires.

Signed, sealed and delivered in the presence:

WITNESS

WITNESS

STATE OF FLORIDA COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 14th day of September by Matthew S. Simpson and his wife, Lori G. Simpson, personally known to me or, if not personally known to me, who provided Diver's License No. _______ for identification and who did not take an oath.

Lori G. Simpson

Witness my hand and official seal this 14th day of September, 2005.

(SEAL)

NOTARY PUBLIC

My Commission Expires:

MICHAEL H. HARRELL COMMISSION # DD 406480 EXPIRES: April 8, 2009 dad Thru Notiny Public Underwitters

AH

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF THE ORIGINAL DOCUMENT EXECUTED THIS (1) DAY OF (200) 5

NOTARY PUBLIC



Inst:2005022895 Date:09/16/2005 Time:16:17
_____DC,P.DeWitt Cason,Columbia County B:1058 P:1824

ATS #15244

Exhibit "A"

Parcel A

. . . .

A part of Section 33, Township 4 South, Range 17 East, Columbia County, Florida, being more particularly described as follows: Commence at the Southwest corner of said Section 33, and run thence N 89°22'48" E along the South line of said Section 33, 2304.72 feet to the Point of Beginning; thence N 03°26'29" E 976.26 feet; thence N 06°06'38" E 273.63 feet; thence S 83°53'22" E 408.38 feet; thence S 06°06'38" W 1206.00 feet to the Southeast corner of the Southwest ¼ of said Section 33; thence S 89°22'48" W 365.48 feet to the Point of Beginning.

SUBJECT TO AND TOGETHER WITH an easement for ingress and egress purposes, lying 30 feet to the left and 30 feet to the right of the following described centerline: Commence at the Northeast corner of the Northwest 1/4 of the Northwest ¼ of Section 33, Township 4 South, Range 17 East, Columbia County, Florida, and run thence S 06°04'30" W 663.01 feet; thence S 89°28'02" W 30.00 feet to the Point of Beginning of said centerline; thence S 06°04'26" W 530.65 feet; thence S 22°46'38" W 95.13 feet to the Point of Curvature of a curve to the left, having a radius of 300.00 feet, an included angle of 16°52'21" and a chord bearing of S 14°20'28" W; thence Southerly, along the arc of said curve, 88.34 feet to the Point of Reverse Curve, having a radius of 360.00 feet, an included angle of 32°07'22" and a chord bearing of S 21°57'58" W; thence Southwesterly, along the arc of said curve, 201.83 feet to the Point of Reverse Curve, having a radius of 300.00 feet, an included angle of 31°57'10" and a chord bearing of S 22°03'05" W; thence Southwesterly, along the arc of said curve, 167.30 feet; thence S 06°04'30" W 64.13 feet to the Point of Curvature of a curve to the left, having a radius of 300.00 feet, an included angle of 18°17'59" and a chord bearing of S 03°04'30" E; thence Southeasterly along the arc of said curve, 95.82 feet; thence S 12°13'30" E 212.18 feet to the Point of Curvature of a curve to the right, having a radius of 360.00 feet, an included angle of 18°17'59" and a chord bearing of S 03°04'30" E; thence Southerly, along the arc of said curve, 114.98 feet; thence S 06°04'30" W 764.74 feet; thence N 90°00'00" E 154.00 feet to the Point of a Curvature of a curve to the right having a radius of 330.00 feet, an included angle of 19°33'54" and a chord bearing of S 80°13'03" E; thence Southeasterly, along the arc of said curve, 112.69 feet; thence S 70°26'06" E 483.93 feet to the Point of Curvature of a curve to the right, having a radius of 330.00 feet, an included angle of 76°32'43" and a chord bearing of S 32°09'44" E; thence Southeasterly, along the arc of said curve, 440.87 feet; thence S 06°06'38" W 523.91 feet to a point herein known as Point "A"; thence continue S 06°06'38" W 108.64 feet to the Point of Termination of said centerline, said point being the radius point of a 50 foot cul-de-sac, said culde-sac having tangent returns with a radius of 25.00 feet.

Webbie

Columbia County Building Department Culvert Waiver

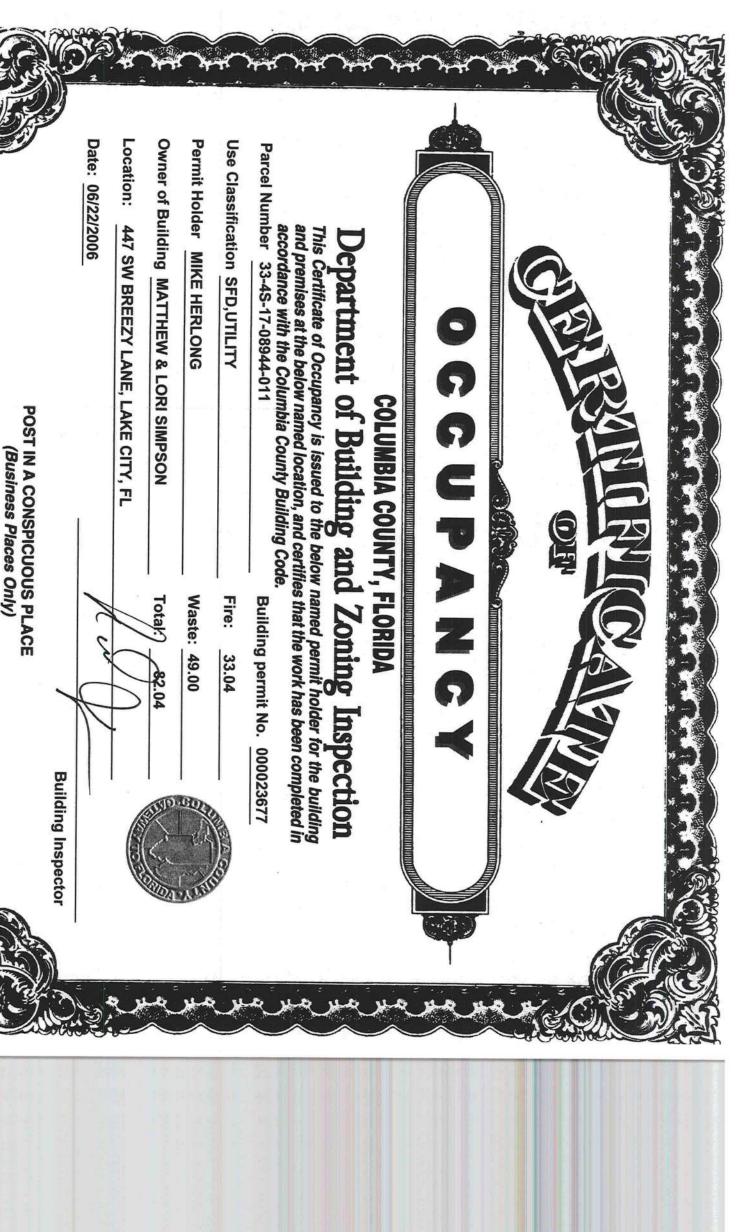
Phone: 386-758-1008 Fax: 386-758-2160

Culvert Waiver No. 000000831

DATE: 09/30/2005 BUILI	DING PERMIT NO. 23677
APPLICANT KENNY TOWNSEND	PHONE 752-4071
ADDRESS PO BOX 1621	LAKE CITY FL 32056
OWNER MATTHEW & LORI SIMPSON	PHONE 365-5678
ADDRESS 447 SW BREEZY LN	LAKE CITY FL 32025
CONTRACTOR MIKE HERLONG	PHONE 752-4071
LOCATION OF PROPERTY 441 S, R	131, L BEDENBAUGH, L WENDY, L BREEZY AT THE DEAD END
e	
SUBDIVISION/LOT/BLOCK/PHASE/U	JNI T HILLCREST C
PARCEL ID # 33-4S-17-08944-011	
	Amount Paid 30.00
PUBLIC	WORKS DEPARTMENT USE ONLY
I HEREBY CERTIFY THAT I HAVE EXAMING CULVERT WAIVER IS:	NED THIS APPLICATION AND DETERMINED THAT THE
COMMENTS: APPROVED	NOT APPROVED - NEEDS A CULVERT PERMIT
SIGNED: Lung Lutth	DATE: 10/4/05
ANY QUESTIONS PLEASE CONTACT THE I	PUBLIC WORKS DEPARTMENT AT 386-752-5955.
	COLUMBIA COUNTY
135 NE Hernando Ave., Suite B-21	OCT 0 3 2005

PUBLIC WORKS DEPT.





Applicator - White Permit File - Canary Permit Holder - Pink 6/04 ©	If this notice is for the final exterior treatment, initial this line 1300 Fine Fint Technician's Name	As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.	Area Treated Square feet Linear feet Gallons Applied 1/27 28/ 3/5 130 75	Type treatment:		Product used Active Ingredient % Concentration ☐ Dursban TC Chlorpyrifos 0.5%	Site Location: Subdivision H. Moyest Lot # Block# Permit # 23677 & 23678 Address 147 Sub Breezy Way	Applicator: Florida Pest Control & Chemical Co. (www.flapest.com) Address: AAAAAV City Phone 753 103	Notice of Treatment //705
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pplicator - White Permit File - Canary Permit Holder - Pink	marks:	ice is for the final exterior treatment,	s per Florida Building Code 104.2.6 – If soil chemical barrier method for mite prevention is used, final exterior treatment shall be completed prior final building approval.	Area Treated Square feet Linear feet Gallons Applied Linear feet Gallons Applied Linear feet Gallons Applied Linear feet Gallons Applied Linear feet Gallons Applied	Bora-Care Disodium Octaborate Tetrahydrate 23.0% ype treatment: D Soil D Wood	Product used Active Ingredient % Concentration □ Dursban TC Chlorpyrifos 0.5% □ Termidor Fipronil 0.06%	ite Location: Subdivision H. Moyest ot # C. Block# Permit # 23677 & 23678 ddress 447 Su Breez May	Phone 753 703	