

DATE 05/25/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023198

APPLICANT KENNY TOWNSEND PHONE 752.4071
ADDRESS POB 1621 LAKE CITY FL 32056
OWNER KENNY TOWNSEND PHONE 752.4071
ADDRESS 288 SW GARDNER TERRACE LAKE CITY FL 32024
CONTRACTOR COL. HOME IMP., MIKE HERLONG PHONE 752.4071
LOCATION OF PROPERTY 47-S TO C-242,TR GO TO WISE ESTATES,TR TAKE 1ST. LEFT AND
IT'S THE LAST LOT ON L.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 84900.00
HEATED FLOOR AREA 1698.00 TOTAL AREA 2421.00 HEIGHT 19.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 24-4S-16-03113-126 SUBDIVISION WISE ESTATES
LOT 6 BLOCK B PHASE UNIT TOTAL ACRES .50

00000671 N RB0029433
Culvert Permit No. Culvert Waiver Contractor's License Number
18"X32'MITERED 05-0543-N BLK N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: PLAT REQUIRES 1ST. FLOOR ELEVATION TO BE 92.2FT

Check # or Cash 1265

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 425.00 CERTIFICATION FEE \$ 12.11 SURCHARGE FEE \$ 12.11
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 524.22

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0505-59 Date Received 5-13-05 By LIT Permit # 671/23198
Application Approved by - Zoning Official BLK Date 25-05-05 Plans Examiner OK JTH Date 5-25-05
Flood Zone Xpht Development Permit N/A Zoning RES-2 Land Use Plan Map Category Res. Low Dev.
Comments Plot Requires 1st Floor Elevation to be 92.2 ft
(Elev needed) 1265

Applicants Name Kenny Townsend Phone 752-4071
Address PO Box 1621 Lake City 32056
Owners Name same Phone _____
911 Address 288 SW Gardner Terrace
Contractors Name Columbia Home Builders Inc Phone _____
Address PO Box 1621 L.C.
Fee Simple Owner Name & Address Kenny Townsend
Bonding Co. Name & Address _____
Architect/Engineer Name & Address Freeman Design Group
Mortgage Lenders Name & Address none
Property ID Number - R03113-000 (24-45-16) Estimated Cost of Construction 120,000.00
Subdivision Name Wise Estates Lot 6 Block B Unit _____ Phase _____
Driving Directions 475 to 242 TR - to Wise Estates - Right into Wise
take 1st left - last lot on left
Type of Construction Frame - Brick Veneer Number of Existing Dwellings on Property None
Total Acreage 1/2 Lot Size 130' x 199' Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 39' Side 46' 4" Side 39' Rear 109'
Total Building Height 18' Number of Stories 1 Heated Floor Area 1698 Roof Pitch 6/12

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

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

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

Kenny Townsend
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this _____ day of _____ 20____.
Personally known _____ or Produced Identification _____

Kenny Townsend Col. Xerox Imp
Contractor Signature
Contractors License Number RB0029433
Competency Card Number 5261

NOTARY STAMP/SEAL

Notary Signature _____

| | | | | |
|---------------------------|---|-------------------------------|-------|-----------------|
| @ CAM112M01 | S | CamaUSA Appraisal System | | Columbia County |
| 5/25/2005 9:47 | | Legal Description Maintenance | 20500 | Land 001 |
| Year T Property | | Sel | | AG 000 |
| 2005 R 24-4S-16-03113-126 | | | | Bldg 000 |
| 288 GARDNER TER SW | | | | Xfea 000 |
| TOWNSEND KENNY | | | 20500 | TOTAL B* |

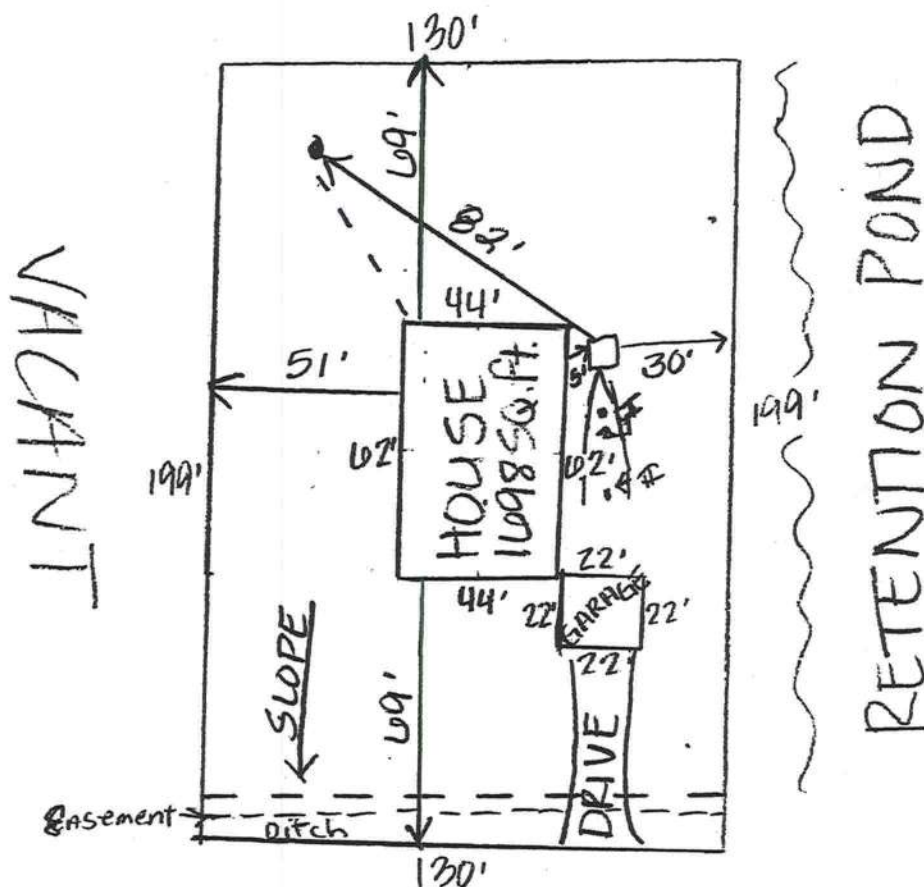
| | | | |
|----|--------------------------------|---------------|----|
| 1 | LOT 6 BLOCK B WISE ESTATES S/D | ORB 1042-2694 | 2 |
| 3 | | | 4 |
| 5 | | | 6 |
| 7 | | | 8 |
| 9 | | | 10 |
| 11 | | | 12 |
| 13 | | | 14 |
| 15 | | | 16 |
| 17 | | | 18 |
| 19 | | | 20 |
| 21 | | | 22 |
| 23 | | | 24 |
| 25 | | | 26 |
| 27 | | | 28 |

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More Mnt 5/03/2005 WANDA

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

----- PART II - SITEPLAN -----

VACANT



GARNER T&R.

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Wise estates Lot 6b
Address:
City, State:
Owner:
Climate Zone: South
Builder:
Permitting Office: Columbia
Permit Number: 23118
Jurisdiction Number: 221006

1. New construction or existing New
2. Single family or multi-family Single family
3. Number of units, if multi-family 1
4. Number of Bedrooms 3
5. Is this a worst case? No
6. Conditioned floor area (ft²) 1698 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 113.0 ft²
b. Default tint 0.0 ft² 0.0 ft²
c. Labeled U or SHGC 0.0 ft² 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 212.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1696.0 ft²
b. N/A
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 1867.8 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 44.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 36.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 36.0 kBtu/hr HSPF: 7.00
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 50.0 gallons EF: 0.90
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits PT, CF, (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)

Glass/Floor Area: 0.07 Total as-built points: 23915 Total base points: 28214 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: 5/14/05
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.
OWNER/AGENT:
DATE:

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.
BUILDING OFFICIAL:
DATE:
[Seal of the State of Florida]

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | | | | |
|---|----------|--------|---------|----------------------|--------------------------|-------------------------------|---------|--------------|------------------|-------------|---------|
| GLASS TYPES | | | | | | | | | | | |
| .18 X Conditioned X BSPM = Points Floor Area | | | | Type/SC | Overhang Ornt Len Hgt | | | Area X SPM X | SOF = Points | | |
| .18 | 1698.0 | 32.50 | 9933.3 | Double, Clear | N | 1.5 | 6.0 | 40.0 | 31.93 | 0.94 | 1201.0 |
| | | | | Double, Clear | N | 1.5 | 7.0 | 18.0 | 31.93 | 0.96 | 549.5 |
| | | | | Double, Clear | E | 1.5 | 6.0 | 20.0 | 68.60 | 0.92 | 1258.7 |
| | | | | Double, Clear | S | 1.5 | 6.0 | 30.0 | 58.45 | 0.87 | 1532.9 |
| | | | | Double, Clear | W | 1.5 | 2.0 | 5.0 | 61.59 | 0.63 | 194.4 |
| | | | | As-Built Total: | | | 113.0 | | | 4736.4 | |
| WALL TYPES | | | | Area X BSPM = Points | | Type | R-Value | | Area X SPM | = Points | |
| Adjacent | 0.0 | 0.00 | 0.0 | | | Frame, Wood, Exterior | 13.0 | | 1696.0 | 2.40 | 4070.4 |
| Exterior | 1696.0 | 2.70 | 4579.2 | | | | | | | | |
| Base Total: | | 1696.0 | 4579.2 | | | As-Built Total: | | 1696.0 | | 4070.4 | |
| DOOR TYPES | | | | Area X BSPM = Points | | Type | | | Area X SPM | = Points | |
| Adjacent | 0.0 | 0.00 | 0.0 | | | Exterior Wood | | | 19.0 | 9.40 | 179.0 |
| Exterior | 59.8 | 6.40 | 383.0 | | | Exterior Wood | | | 40.8 | 9.40 | 383.5 |
| Base Total: | | 59.8 | 383.0 | | | As-Built Total: | | 59.8 | | 562.5 | |
| CEILING TYPES | | | | Area X BSPM = Points | | Type | R-Value | | Area X SPM X SCM | = Points | |
| Under Attic | 1698.0 | 2.80 | 4754.4 | | | Under Attic | 30.0 | | 1867.8 | 2.77 X 1.00 | 5173.8 |
| Base Total: | | 1698.0 | 4754.4 | | | As-Built Total: | | 1867.8 | | 5173.8 | |
| FLOOR TYPES | | | | Area X BSPM = Points | | Type | R-Value | | Area X SPM | = Points | |
| Slab | 212.0(p) | -20.0 | -4240.0 | | | Slab-On-Grade Edge Insulation | 0.0 | | 212.0(p) | -20.00 | -4240.0 |
| Raised | 0.0 | 0.00 | 0.0 | | | | | | | | |
| Base Total: | | | -4240.0 | | | As-Built Total: | | 212.0 | | -4240.0 | |
| INFILTRATION | | | | Area X BSPM = Points | | | | | | | |
| | | 1698.0 | 18.79 | 31905.4 | | | | | 1698.0 | 18.79 | 31905.4 |

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | | | |
|-----------------------------|---|-------------------|------------------|---------------------------------|---|---------------|------------------------------------|---------------------|---------------------|--------------------|
| Summer Base Points: 47315.3 | | | | Summer As-Built Points: 42208.5 | | | | | | |
| Total Summer Points | X | System Multiplier | = Cooling Points | Total Component | X | Cap Ratio | X Duct Multiplier (DM x DSM x AHU) | X System Multiplier | X Credit Multiplier | = Cooling Points |
| 47315.3 | | 0.4266 | 20184.7 | 42208.5 42208.5 | | 1.000 1.00 | (1.073 x 1.165 x 1.00) 1.250 | 0.341 0.341 | 0.902 0.902 | 16237.8 16237.8 |

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | | | | |
|--|----------|----------------------|--------|-------------------------------|--------------------------|--------|---------------------|---------------------------|-------------|--------|-------|
| GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area | | | | Type/SC | Overhang Ornt Len Hgt | | | Area X WPM X WOF = Points | | | |
| .18 | 1698.0 | 2.36 | 721.3 | Double, Clear | N | 1.5 | 6.0 | 40.0 | 4.38 | 0.99 | 173.7 |
| | | | | Double, Clear | N | 1.5 | 7.0 | 18.0 | 4.38 | 0.99 | 78.3 |
| | | | | Double, Clear | E | 1.5 | 6.0 | 20.0 | 3.30 | 1.02 | 67.4 |
| | | | | Double, Clear | S | 1.5 | 6.0 | 30.0 | 3.12 | 1.02 | 95.3 |
| | | | | Double, Clear | W | 1.5 | 2.0 | 5.0 | 3.98 | 1.02 | 20.3 |
| | | | | As-Built Total: | | 113.0 | | | 434.9 | | |
| WALL TYPES | | Area X BWPM = Points | | Type | R-Value | | | Area X WPM = Points | | | |
| Adjacent | 0.0 | 0.00 | 0.0 | Frame, Wood, Exterior | 13.0 | | | 1696.0 | 0.60 | 1017.6 | |
| Exterior | 1696.0 | 0.60 | 1017.6 | | | | | | | | |
| Base Total: | | 1696.0 | 1017.6 | As-Built Total: | | 1696.0 | | | 1017.6 | | |
| DOOR TYPES | | Area X BWPM = Points | | Type | | | | Area X WPM = Points | | | |
| Adjacent | 0.0 | 0.00 | 0.0 | Exterior Wood | | | | 19.0 | 2.80 | 53.3 | |
| Exterior | 59.8 | 1.80 | 107.7 | Exterior Wood | | | | 40.8 | 2.80 | 114.2 | |
| Base Total: | | 59.8 | 107.7 | As-Built Total: | | 59.8 | | | 167.6 | | |
| CEILING TYPES | | Area X BWPM = Points | | Type | R-Value | | | Area X WPM X WCM = Points | | | |
| Under Attic | 1698.0 | 0.10 | 169.8 | Under Attic | 30.0 | | | 1867.8 | 0.10 X 1.00 | | 186.8 |
| Base Total: | | 1698.0 | 169.8 | As-Built Total: | | 1867.8 | | | 186.8 | | |
| FLOOR TYPES | | Area X BWPM = Points | | Type | R-Value | | | Area X WPM = Points | | | |
| Slab | 212.0(p) | -2.1 | -445.2 | Slab-On-Grade Edge Insulation | 0.0 | | | 212.0(p) | -2.10 | -445.2 | |
| Raised | 0.0 | 0.00 | 0.0 | | | | | | | | |
| Base Total: | | | -445.2 | As-Built Total: | | 212.0 | | | -445.2 | | |
| INFILTRATION | | Area X BWPM = Points | | | | | Area X WPM = Points | | | | |
| | | 1698.0 | -0.06 | | | | 1698.0 | -0.06 | -101.9 | | |

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE | | | | AS-BUILT | | | | | | | |
|----------------------------|---|-------------------|------------------|--------------------------------|---|---------------|------------------------------------|---------------------|---------------------|------------------|--|
| Winter Base Points: 1469.3 | | | | Winter As-Built Points: 1259.8 | | | | | | | |
| Total Winter Points | X | System Multiplier | = Heating Points | Total Component | X | Cap Ratio | X Duct Multiplier (DM x DSM x AHU) | X System Multiplier | X Credit Multiplier | = Heating Points | |
| 1469.3 | | 0.6274 | 921.9 | 1259.8 1259.8 | | 1.000 1.00 | (1.099 x 1.137 x 1.00) 1.250 | 0.487 0.487 | 0.950 0.950 | 728.5 728.5 | |

PERMIT #:

CODE COMPLIANCE STATUS

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.4

The higher the score, the more efficient the home.

| | | | |
|--|---|--|-------------------|
| 1. New construction or existing | New | 12. Cooling systems | |
| 2. Single family or multi-family | Single family | a. Central Unit | Cap: 36.0 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 | c. N/A | |
| 6. Conditioned floor area (ft ²) | 1698 ft ² | | |
| 7. Glass area & type | Single Pane Double Pane | 13. Heating systems | |
| a. Clear - single pane | 0.0 ft ² 113.0 ft ² | a. Electric Heat Pump | Cap: 36.0 kBtu/hr |
| b. Clear - double pane | 0.0 ft ² 0.0 ft ² | | HSPF: 7.00 |
| c. Tint/other SHGC - single pane | 0.0 ft ² 0.0 ft ² | b. N/A | |
| d. Tint/other SHGC - double pane | | c. N/A | |
| 8. Floor types | | 14. Hot water systems | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 212.0(p) ft | a. LP Gas | Cap: 36.0 gallons |
| b. N/A | | | EF: 0.66 |
| c. N/A | | b. N/A | |
| 9. Wall types | | c. Conservation credits | |
| a. Frame, Wood, Exterior | R=13.0, 1696.0 ft ² | (HR-Heat recovery, Solar | |
| b. N/A | | DHP-Dedicated heat pump) | |
| c. N/A | | 15. HVAC credits | PT, CF, |
| d. N/A | | (CF-Ceiling fan, CV-Cross ventilation, | |
| e. N/A | | HF-Whole house fan, | |
| 10. Ceiling types | | PT-Programmable Thermostat, | |
| a. Under Attic | R=30.0, 1867.8 ft ² | MZ-C-Multizone cooling, | |
| b. N/A | | MZ-H-Multizone heating) | |
| c. N/A | | | |
| 11. Ducts | | | |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 44.0 ft | | |
| b. N/A | | | |

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

Builder Signature: _____ Date: _____

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



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

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

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title:
Wise estates Lot 6b

Code Only
Professional Version
Climate: South

Reference City: Orlando (User customized) Winter Temperature Difference: 32.0 F

5/2/2005

| Window | Panes/SHGC/Frame/U | Orientation | Area X | HTM= | Load |
|--------------------|--------------------------|-------------|-----------------|------|-----------|
| 1 | 2, Clear, Metal, DEF | N | 40.0 | 23.2 | 928 Btuh |
| 2 | 2, Clear, Metal, DEF | N | 18.0 | 23.2 | 418 Btuh |
| 3 | 2, Clear, Metal, DEF | E | 20.0 | 23.2 | 464 Btuh |
| 4 | 2, Clear, Metal, DEF | S | 30.0 | 23.2 | 696 Btuh |
| 5 | 2, Clear, Metal, DEF | W | 5.0 | 23.2 | 116 Btuh |
| Window Total | | | 113 | | 2622 Btuh |
| Walls | Type | R-Value | Area X | HTM= | Load |
| 1 | Frame - Exterior | 13.0 | 1696 | 2.6 | 4410 Btuh |
| Wall Total | | | 1696 | | 4410 Btuh |
| Doors | Type | | Area X | HTM= | Load |
| 1 | Wood - Exter | | 19 | 14.7 | 280 Btuh |
| 2 | Wood - Exter | | 41 | 14.7 | 601 Btuh |
| Door Total | | | 60 | | 881Btuh |
| Ceilings | Type | R-Value | Area X | HTM= | Load |
| 1 | Under Attic | 30.0 | 1868 | 1.1 | 2055 Btuh |
| Ceiling Total | | | 1868 | | 2055Btuh |
| Floors | Type | R-Value | Size X | HTM= | Load |
| 1 | Slab-On-Grade Edge Insul | 0 | 212.0 ft(p) | 25.9 | 5491 Btuh |
| Floor Total | | | 212 | | 5491 Btuh |
| Infiltration | Type | ACH X | Building Volume | CFM= | Load |
| | Natural | 0.40 | 16980(sqft) | 113 | 3993 Btuh |
| | Mechanical | | | 0 | 0 Btuh |
| Infiltration Total | | | | 113 | 3993 Btuh |

| | | |
|--------------------|--|------------|
| Totals for Heating | Subtotal | 19450 Btuh |
| | Duct Loss(using duct multiplier of 0.05) | 973 Btuh |
| | Total Btuh Loss | 20423 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)

System Sizing Calculations - Summer

Residential Load - Component Details

Project Title:
Wise estates Lot 6b

Code Only
Professional Version
Climate: South

Reference City: Orlando (User customized) Summer Temperature Difference: 23.0 F

5/2/2005

| Window | Type | Panes/SHGC/U/InSh/ExSh Ornt | Overhang | | Window Area(sqft) | | | HTM | | Load |
|--------------------|---------------------|---|---------------|-------------|-------------------|-----------|----------|--------|----------|------------|
| | | | Len | Hgt | Gross | Shaded | Unshaded | Shaded | Unshaded | |
| 1 | 2, Clear, DEF, B, N | N | 1.5 | 6 | 40.0 | 0.0 | 40.0 | 17 | 17 | 680 Btuh |
| 2 | 2, Clear, DEF, B, N | N | 1.5 | 7 | 18.0 | 0.0 | 18.0 | 17 | 17 | 306 Btuh |
| 3 | 2, Clear, DEF, B, N | E | 1.5 | 6 | 20.0 | 0.0 | 20.0 | 17 | 48 | 960 Btuh |
| 4 | 2, Clear, DEF, B, N | S | 1.5 | 6 | 30.0 | 30.0 | 0.0 | 17 | 26 | 510 Btuh |
| 5 | 2, Clear, DEF, B, N | W | 1.5 | 2 | 5.0 | 3.1 | 1.9 | 17 | 48 | 144 Btuh |
| Window Total | | | | | 113 | | | | | 2600 Btuh |
| Walls | Type | R-Value | | Area | | | HTM | | Load | |
| | 1 | Frame - Exterior | 13.0 | 1696.0 | | | 2.1 | | | |
| Wall Total | | | | | 1696.0 | | | | | 3629 Btuh |
| Doors | Type | | | Area | | | HTM | | Load | |
| | 1 | Wood - Exter | | 19.0 | | | 12.3 | | | |
| 2 | Wood - Exter | | | 40.8 | | | 12.3 | | 501 Btuh | |
| Door Total | | | | | 59.8 | | | | | 735 Btuh |
| Ceilings | Type/Color | R-Value | | Area | | | HTM | | Load | |
| | 1 | Under Attic/Dark | 30.0 | 1867.8 | | | 1.6 | | | |
| Ceiling Total | | | | | 1867.8 | | | | | 2914 Btuh |
| Floors | Type | R-Value | | Size | | | HTM | | Load | |
| | 1 | Slab-On-Grade Edge Insulation | 0.0 | 212.0 ft(p) | | | 0.0 | | | |
| Floor Total | | | | | 212.0 | | | | | 0 Btuh |
| Infiltration | Type | ACH | | Volume | | | CFM= | | Load | |
| | Natural | 0.35 | | 16980 | | | 99.2 | | | |
| | Mechanical | | | | | | 0 | | | |
| | Infiltration Total | | | | | | 99 | | | |
| | | | | | | | | | | 2511 Btuh |
| Internal gain | Occupants | | Btuh/occupant | | | Appliance | | Load | | |
| | 6 | | X 300 + | | | 1200 | | | | |
| | | | | | | | | | | 3000 Btuh |
| Totals for Cooling | | Subtotal | | | | | | | | 15389 Btuh |
| | | Duct gain(using duct multiplier of 0.10) | | | | | | | | 1539 Btuh |
| | | Total sensible gain | | | | | | | | 16927 Btuh |
| | | Latent infiltration gain (for 44 gr. humidity difference) | | | | | | | | 2970 Btuh |
| | | Latent occupant gain (6 people @ 230 Btuh per person) | | | | | | | | 1380 Btuh |
| | | Latent other gain | | | | | | | | 0 Btuh |
| | | TOTAL GAIN | | | | | | | | 21277 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)


EnergyGauge® FLRCPB v3.30

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000671**

DATE 05/25/2005 PARCEL ID # 24-4S-16-03113-126
APPLICANT KENNY TOWNSEND PHONE 752.4071
ADDRESS POB 1621 LAKE CITY FL 32056
OWNER KENNY TOWNSEND PHONE 752.4071
ADDRESS 288 SW GARDNER TERRACE LAKE CITY FL 33024
CONTRACTOR MIKE HERLONG, COL. HOME IMP. PHONE 752.4071
LOCATION OF PROPERTY 47-S TO C-242, TR GO TO WISE ESTATES S/D, TR TAKE 1ST. LEFT, LAST LOT
ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WISE ESTATES 6 B

SIGNATURE 

INSTALLATION REQUIREMENTS

☒

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

INSTALLATION NOTE: Turnouts will be required as follows:

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

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

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

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

Amount Paid 25.00



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

Tax Parcel ID Number 24-45-16-0311-126

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

288 SW Gardner Terrace
LAKE CITY - FL 32024

2. General description of improvement: Home

3. Owner Name & Address Kenny Townsend

PO Box 1621 Lake City

Interest in Property Simple Fee

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

5. Contractor Name Columbia Home Builders

Phone Number 752-4871

Address PO Box 1621

6. Surety Holders Name None

Phone Number

Address

Amount of Bond

Inst: 2005012416 Date: 05/25/2005 Time: 16:56

DC, P. DeWitt Cason, Columbia County B: 1047 P: 499

7. Lender Name

Address

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name

Phone Number

Address

9. In addition to himself/herself the owner designates

of

to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee

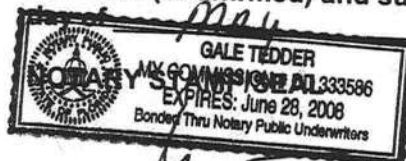
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified))

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Kenny Townsend
Signature of Owner

Sworn to (or affirmed) and subscribed before 25
May, 2005



Gale Tedder
Signature of Notary

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING INSPECTION

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 24-4S-16-03113-126

Building permit No. 000023198

Use Classification SFD & UTILITY

Fire: 59.20

Permit Holder COL. HOME IMP., MIKE HERLONG

Waste: 122.50

Owner of Building KENNY TOWNSEND

Total: 181.70

Location: 288 SW GARDNER TERR(WISE ESTATES, LOT 6)

Date: 12/01/2005



John Kace

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

*Land Surveyors
and Mappers*

06/24/05

L-16236

To Whom It May Concern:

C/o: Kenny Townsend

Re: Lot 6 Block B of Wise Estates

The elevation of the foundation is found to be 92.84 feet. The minimum floor elevation shown on the plat of record is 92.20 feet. The highest adjacent grade is 91.5 feet and the lowest adjacent grade is 90.6 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757

23198

New Construction Subterranean Termite Soil Treatment Record

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

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

#23198

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Colombia Home Builders Inc Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 248 S.W. Gardner, Titusville, FL 32781

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 6-27-05
Brand Name of Product(s) Used Drift
EPA Registration No. 19713-0-540
Approximate Final Mix Solution Area: Sq. ft. 2421 Linear ft. 210 Linear ft. of Masonry Voids 210
Approximate Total Gallons of Solution Applied 460
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Brannon Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Steve Brannon Date 6-27-05

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

Reorder Product #2581 • From Crown Graphics, Inc. • 1-800-252-4011

form **HUD-NPCA-99-B** (04/2003)