

Columbia County Building Permit Application

For Office Use Only Application # 040485 Date Received 4/22/04 By TW Permit # 21810
Application Approved by - Zoning Official _____ Date _____ Plans Examiner _____ Date _____
Flood Zone Xpiphit Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Dens
Comments 1st Floor elevations to be at 120' will need elevation certificate
- NEED PROOF OF OWNERSHIP - NOC, E.H.

Applicants Name TERMY LIERKE Phone 386. 752-7559
Address R 578 SW LIERKE DRIVE. LAKE CITY, FL 32024
Owners Name SAME AS ABOVE Phone _____
911 Address " " 155 SW PHILLIPS CIRCLE
Contractors Name " " Phone _____
Address " "
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Will MYERS - Designer. MARK LISOWSKY - Engineer
Mortgage Lenders Name & Address N/A

Property ID Number 03-45-16-02739-201 Estimated Cost of Construction \$8000.00
Subdivision Name TURKEY RUN S/D Lot 1 Block _____ Unit _____ Phase _____
Driving Directions 90-W TO C-252 (R) ON PHILLIPS CIRCLE - 1st 107 ON RIGHT. (TURKEY RUN S/D)

Type of Construction SFD - UTILITY Number of Existing Dwellings on Property 0
Total Acreage .50 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Driv
Actual Distance of Structure from Property Lines - Front 35 Side 26 Side 26 Rear 42'
Total Building Height 21.6' Number of Stories 1 Heated Floor Area 1576 Roof Pitch 8/12

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

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

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF 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.

[Signature]
Owner Builder or Agent (Including Contractor)

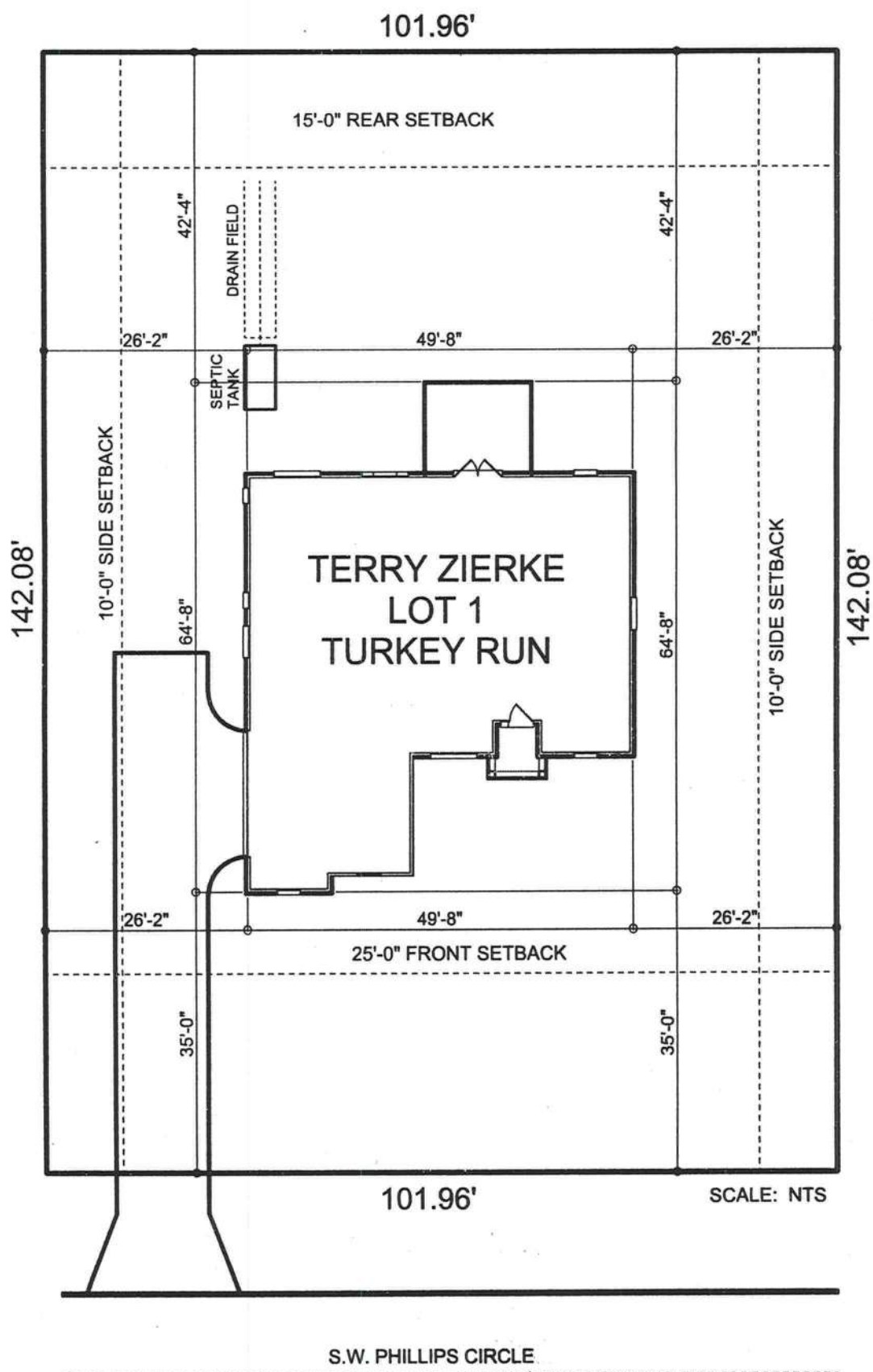
STATE OF FLORIDA
COUNTY OF COLUMBIA

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

[Signature]
Contractor Signature
Contractors License Number CRC022360
Competency Card Number _____

NOTARY STAMP/SEAL

Notary Signature _____



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Lot 1, Turkey Run**
Address: **Lot: 1, Sub: Turkey Run, Plat:**
City, State: **Lake City, FL 32055-**
Owner: **Terry Zierke**
Climate Zone: **North**

Builder: **Terry Zierke**
Permitting Office: **Columbia County**
Permit Number: **7 21910**
Jurisdiction Number: **221000**

- | | | | | | |
|--|--------------------------------|-----|--|-------------------|-----|
| 1. New construction or existing | New | ___ | 12. Cooling systems | | |
| 2. Single family or multi-family | Single family | ___ | a. Central Unit | Cap: 37.8 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) | 1576 ft ² | ___ | 13. Heating systems | | |
| 7. Glass area & type | | ___ | a. Electric Heat Pump | Cap: 37.8 kBtu/hr | ___ |
| a. Clear - single pane | 0.0 ft ² | ___ | | HSPF: 7.00 | ___ |
| b. Clear - double pane | 204.0 ft ² | ___ | b. N/A | | ___ |
| c. Tint/other SHGC - single pane | 0.0 ft ² | ___ | c. N/A | | ___ |
| d. Tint/other SHGC - double pane | 0.0 ft ² | ___ | 14. Hot water systems | | |
| 8. Floor types | | ___ | a. Electric Resistance | Cap: 40.0 gallons | ___ |
| a. Slab-On-Grade Edge Insulation | R=0.0, 176.1(p) ft | ___ | | EF: 0.90 | ___ |
| b. N/A | | ___ | b. N/A | | ___ |
| c. N/A | | ___ | c. Conservation credits | | ___ |
| 9. Wall types | | ___ | (HR-Heat recovery, Solar | | ___ |
| a. Frame, Wood, Exterior | R=13.0, 1024.9 ft ² | ___ | DHP-Dedicated heat pump) | | ___ |
| b. Frame, Wood, Adjacent | R=13.0, 252.0 ft ² | ___ | 15. HVAC credits | | ___ |
| c. N/A | | ___ | (CF-Ceiling fan, CV-Cross ventilation, | | ___ |
| d. N/A | | ___ | HF-Whole house fan, | | ___ |
| e. N/A | | ___ | PT-Programmable Thermostat, | | ___ |
| 10. Ceiling types | | ___ | MZ-C-Multizone cooling, | | ___ |
| a. Under Attic | R=30.0, 1576.2 ft ² | ___ | MZ-H-Multizone heating) | | ___ |
| b. N/A | | ___ | | | ___ |
| c. N/A | | ___ | | | ___ |
| 11. Ducts | | ___ | | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 40.0 ft | ___ | | | ___ |
| b. N/A | | ___ | | | ___ |

Glass/Floor Area: 0.13

Total as-built points: 24093

Total base points: 24733

PASS

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

PREPARED BY: WLEDATE: 4.1.04

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: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: Turkey Run, Plat: , Lake City, FL, 32055-

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 | 1576.0 | 20.04 | 5684.9 | Double, Clear | W | 1.5 | 5.3 | 30.0 | 36.99 | 0.89 | 988.9 |
| | | | | Double, Clear | S | 1.5 | 5.3 | 20.0 | 34.50 | 0.83 | 569.5 |
| | | | | Double, Clear | S | 1.5 | 3.3 | 6.0 | 34.50 | 0.69 | 142.5 |
| | | | | Double, Clear | W | 1.5 | 5.3 | 30.0 | 36.99 | 0.89 | 988.9 |
| | | | | Double, Clear | W | 1.5 | 7.0 | 40.0 | 36.99 | 0.93 | 1383.0 |
| | | | | Double, Clear | E | 1.5 | 7.0 | 38.0 | 40.22 | 0.94 | 1438.9 |
| | | | | Double, Clear | E | 6.0 | 2.0 | 4.0 | 40.22 | 0.36 | 57.4 |
| | | | | Double, Clear | W | 1.5 | 5.3 | 15.0 | 36.99 | 0.89 | 494.4 |
| | | | | Double, Clear | N | 1.5 | 3.3 | 6.0 | 19.22 | 0.85 | 98.0 |
| | | | | Double, Clear | E | 1.5 | 5.3 | 15.0 | 40.22 | 0.89 | 537.2 |
| | | | | As-Built Total: | | | | 204.0 | 6698.9 | | |
| WALL TYPES Area X BSPM = Points | | | | Type | R-Value | | Area X SPM = Points | | | | |
| Adjacent | 252.0 | 0.70 | 176.4 | Frame, Wood, Exterior | 13.0 | | 1024.9 | 1.50 | | 1537.4 | |
| Exterior | 1024.9 | 1.70 | 1742.3 | Frame, Wood, Adjacent | 13.0 | | 252.0 | 0.60 | | 151.2 | |
| Base Total: | | | | 1276.9 | | 1918.7 | | | | | |
| | | | | As-Built Total: | | 1276.9 | | 1688.6 | | | |
| DOOR TYPES Area X BSPM = Points | | | | Type | | | Area X SPM = Points | | | | |
| Adjacent | 18.7 | 2.40 | 44.9 | Adjacent Insulated | | | 18.7 | 1.60 | | 29.9 | |
| Exterior | 20.0 | 6.10 | 122.0 | Exterior Insulated | | | 20.0 | 4.10 | | 82.0 | |
| Base Total: | | | | 38.7 | | 166.9 | | | | | |
| | | | | As-Built Total: | | 38.7 | | 111.9 | | | |
| CEILING TYPES Area X BSPM = Points | | | | Type | R-Value | | Area X SPM X SCM = Points | | | | |
| Under Attic | 1576.2 | 1.73 | 2726.8 | Under Attic | 30.0 | | 1576.2 | 1.73 X 1.00 | | 2726.8 | |
| Base Total: | | | | 1576.2 | | 2726.8 | | | | | |
| | | | | As-Built Total: | | 1576.2 | | 2726.8 | | | |
| FLOOR TYPES Area X BSPM = Points | | | | Type | R-Value | | Area X SPM = Points | | | | |
| Slab | 176.1(p) | -37.0 | -6515.7 | Slab-On-Grade Edge Insulation | 0.0 | | 176.1(p) | -41.20 | | -7255.3 | |
| Raised | 0.0 | 0.00 | 0.0 | | | | | | | | |
| Base Total: | | | | -6515.7 | | 176.1 | | -7255.3 | | | |
| | | | | As-Built Total: | | 176.1 | | -7255.3 | | | |
| INFILTRATION Area X BSPM = Points | | | | Area X SPM = Points | | | | | | | |
| 1576.0 10.21 16091.0 | | | | 1576.0 10.21 16091.0 | | | | | | | |

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: Turkey Run, Plat: , Lake City, FL, 32055-

PERMIT #:

| BASE | | | | AS-BUILT | | | | | | | |
|-----------------------------|---|-------------------|------------------|---------------------------------|---|-----------|------------------------------------|---------------------|---------------------|------------------|--|
| Summer Base Points: 20072.6 | | | | Summer As-Built Points: 20061.8 | | | | | | | |
| 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 | |
| 20072.6 | | 0.4266 | 8563.0 | 20061.8 | | 1.000 | (1.090 x 1.147 x 1.00) | 0.341 | 1.000 | 8560.5 | |
| | | | | 20061.8 | | 1.00 | 1.250 | 0.341 | 1.000 | 8560.5 | |

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: Turkey Run, Plat: , Lake City, FL, 32055-

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 | 1576.0 | 12.74 | 3614.1 | Double, Clear | W | 1.5 | 5.3 | 30.0 | 10.77 | 1.03 | 332.6 |
| | | | | Double, Clear | S | 1.5 | 5.3 | 20.0 | 4.03 | 1.16 | 93.6 |
| | | | | Double, Clear | S | 1.5 | 3.3 | 6.0 | 4.03 | 1.52 | 36.7 |
| | | | | Double, Clear | W | 1.5 | 5.3 | 30.0 | 10.77 | 1.03 | 332.6 |
| | | | | Double, Clear | W | 1.5 | 7.0 | 40.0 | 10.77 | 1.02 | 438.2 |
| | | | | Double, Clear | E | 1.5 | 7.0 | 38.0 | 9.09 | 1.03 | 354.3 |
| | | | | Double, Clear | E | 6.0 | 2.0 | 4.0 | 9.09 | 1.51 | 54.8 |
| | | | | Double, Clear | W | 1.5 | 5.3 | 15.0 | 10.77 | 1.03 | 166.3 |
| | | | | Double, Clear | N | 1.5 | 3.3 | 6.0 | 14.30 | 1.01 | 86.5 |
| | | | | Double, Clear | E | 1.5 | 5.3 | 15.0 | 9.09 | 1.04 | 142.3 |
| | | | | As-Built Total: | | | 204.0 | | | 2037.8 | |
| WALL TYPES Area X BWPM = Points | | | | Type | R-Value | | | Area X WPM = Points | | | |
| Adjacent | 252.0 | 3.60 | 907.2 | Frame, Wood, Exterior | 13.0 | | | 1024.9 | 3.40 | 3484.7 | |
| Exterior | 1024.9 | 3.70 | 3792.1 | Frame, Wood, Adjacent | 13.0 | | | 252.0 | 3.30 | 831.6 | |
| Base Total: 1276.9 4699.3 | | | | As-Built Total: | | | 1276.9 | | | 4316.3 | |
| DOOR TYPES Area X BWPM = Points | | | | Type | | | | Area X WPM = Points | | | |
| Adjacent | 18.7 | 11.50 | 215.1 | Adjacent Insulated | | | | 18.7 | 8.00 | 149.6 | |
| Exterior | 20.0 | 12.30 | 246.0 | Exterior Insulated | | | | 20.0 | 8.40 | 168.0 | |
| Base Total: 38.7 461.1 | | | | As-Built Total: | | | 38.7 | | | 317.6 | |
| CEILING TYPES Area X BWPM = Points | | | | Type | R-Value | | | Area X WPM X WCM = Points | | | |
| Under Attic | 1576.2 | 2.05 | 3231.2 | Under Attic | 30.0 | | | 1576.2 | 2.05 X 1.00 | 3231.2 | |
| Base Total: 1576.2 3231.2 | | | | As-Built Total: | | | 1576.2 | | | 3231.2 | |
| FLOOR TYPES Area X BWPM = Points | | | | Type | R-Value | | | Area X WPM = Points | | | |
| Slab | 176.1(p) | 8.9 | 1567.3 | Slab-On-Grade Edge Insulation | 0.0 | | | 176.1(p) | 18.80 | 3310.7 | |
| Raised | 0.0 | 0.00 | 0.0 | | | | | | | | |
| Base Total: 1567.3 | | | | As-Built Total: | | | 176.1 | | | 3310.7 | |
| INFILTRATION Area X BWPM = Points | | | | Area X WPM = Points | | | | | | | |
| 1576.0 -0.59 -929.8 | | | | 1576.0 -0.59 -929.8 | | | | | | | |

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: Turkey Run, Plat: , Lake City, FL, 32055-

PERMIT #:

| BASE | | | | AS-BUILT | | | | | | | |
|-----------------------------|---|-------------------|------------------|---------------------------------|---|-----------|------------------------------------|---------------------|---------------------|------------------|--|
| Winter Base Points: 12643.1 | | | | Winter As-Built Points: 12283.7 | | | | | | | |
| 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 | |
| 12643.1 | | 0.6274 | 7932.3 | 12283.7 | | 1.000 | (1.069 x 1.169 x 1.00) | 0.487 | 1.000 | 7477.9 | |
| | | | | 12283.7 | | 1.00 | 1.250 | 0.487 | 1.000 | 7477.9 | |

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: Turkey Run, Plat: , Lake City, FL, 32055-

PERMIT #:

| BASE | | | | AS-BUILT | | | | | |
|--------------------|---|------------|---------|-----------------|------|--------------------|--------------|--------------------------------|---------|
| WATER HEATING | | | | | | | | | |
| Number of Bedrooms | X | Multiplier | = Total | Tank Volume | EF | Number of Bedrooms | X Tank Ratio | Multiplier X Credit Multiplier | = Total |
| 3 | | 2746.00 | 8238.0 | 40.0 | 0.90 | 3 | 1.00 | 2684.98 | 8054.9 |
| | | | | As-Built Total: | | | | | 8054.9 |

| CODE COMPLIANCE STATUS | | | | | | | |
|------------------------|---|----------------|-----------------------------------|----------------|---|----------------|-----------------------------------|
| BASE | | | | AS-BUILT | | | |
| Cooling Points | + | Heating Points | + Hot Water Points = Total Points | Cooling Points | + | Heating Points | + Hot Water Points = Total Points |
| 8563 | | 7932 | 823824733 | 8560 | | 7478 | 805524093 |

PASS



Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: Turkey Run, Plat: , Lake City, FL, 32055-

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* = 82.9

The higher the score, the more efficient the home.

Terry Zierke, Lot: 1, Sub: Turkey Run, Plat: , Lake City, FL, 32055-

| | | | |
|--|--------------------------------|--|-------------------|
| 1. New construction or existing | New | 12. Cooling systems | |
| 2. Single family or multi-family | Single family | a. Central Unit | Cap: 37.8 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) | 1576 ft ² | | |
| 7. Glass area & type | | 13. Heating systems | |
| a. Clear - single pane | 0.0 ft ² | a. Electric Heat Pump | Cap: 37.8 kBtu/hr |
| b. Clear - double pane | 204.0 ft ² | | HSPF: 7.00 |
| c. Tint/other SHGC - single pane | 0.0 ft ² | b. N/A | |
| d. Tint/other SHGC - double pane | 0.0 ft ² | c. N/A | |
| 8. Floor types | | 14. Hot water systems | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 176.1(p) ft | a. Electric Resistance | Cap: 40.0 gallons |
| b. N/A | | | EF: 0.90 |
| c. N/A | | b. N/A | |
| 9. Wall types | | c. Conservation credits | |
| a. Frame, Wood, Exterior | R=13.0, 1024.9 ft ² | (HR-Heat recovery, Solar | |
| b. Frame, Wood, Adjacent | R=13.0, 252.0 ft ² | DHP-Dedicated heat pump) | |
| c. N/A | | 15. HVAC credits | |
| 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, 1576.2 ft ² | RB-Attic radiant barrier, | |
| b. N/A | | MZ-C-Multizone cooling, | |
| c. N/A | | MZ-H-Multizone heating) | |
| 11. Ducts | | | |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 40.0 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: Terry Zierke

Date: 4/22/04

Address of New Home: Lot #1, Turkey Run
S/D

City/FL Zip: Lake City, FL
32024



*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

EnergyGauge® (Version: FLRCSB v3.21)

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

$$1 \text{ inch} = 40 \text{ feet}$$

Notes:

#293
2029

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000293**

DATE 04/29/2004 PARCEL ID # 03-4S-16-02739-201
APPLICANT TERRY ZIERKE PHONE 386.752.7559
ADDRESS 578 SW ZIERKE STREET LAKE CITY FL 32024
OWNER TERRY ZIERKE PHONE 752.7559
ADDRESS 155 SW PHILLIPS CIRCLE LAKE CITY FL 32024
CONTRACTOR TERRY ZIERKE PHONE 752.7559
LOCATION OF PROPERTY 90-W TO C-252 TO PHILLIPS CIRCLE R., 1ST.LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TURKEY RUN 1
SIGNATURE *Terry Zierke*

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 INSTALATION OF THE CULVERT.

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

Amount Paid 25.00



NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

Tax Parcel ID Number 03-45-16-02739-201

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

LOT 1 TURKEY RUN 50 Inst:2004009742 Date:04/29/2004 Time:11:11
155 SW PHILLIPS Circle YMK DC,P.Dewitt Cason,Columbia County B:1013 P:2595
LAKE CITY, FL 32024

2. General description of improvement: SINGLE FAMILY DWELLING

3. Owner Name & Address TERRY ZIERKE 578 SW ZIERKE DR / L.P. 3202
155 SW PHILLIPS Circle Interest in Property 100 %
LAKE CITY, FL 32024

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

5. Contractor Name TERRY ZIERKE Phone Number 386.752.7551
Address SAME AS ABOVE

6. Surety Holders Name N/A Phone Number _____
Address _____

Amount of Bond _____

7. Lender Name N/A Phone Number _____
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 N/A Phone Number _____
Address _____

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

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

NOTICE AS PER CHAPTER 713, Florida Statutes:

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

Terry Zierke
Signature of Owner

Sworn to (or affirmed) and subscribed before 29
day of April 2004



Gale Tedder
Signature of Notary



CORPORATE HEADQUARTERS:

P.O. BOX 5369
118 N.W. 16TH AVENUE
GAINESVILLE, FL 32602-5369

(352) 376-2661
FAX (352) 376-2791

FOUNDED 1949

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service
Member Florida & National Pest Control Associations

10568

Reply to: 536 SE Baya Dr
Lake City, FL 32025
Phone (386) 752-1703 Fax (386) 752-0171

SOIL TREATMENT CERTIFICATION

| | |
|--|-----------------------|
| Owner | Permit Number: |
| SPEC HOUSE | 00002810 21810 |
| Lot: | Block: |
| 9B | |
| Subdivision: | Street Address: |
| MARION PLACE | 1849 SW PALOMA CT |
| City: | County: |
| Lake City | Columbia |
| General Contractor: | Date: |
| JERRY CASTAGNA CONST | 06/28/04 |
| Product Used: | Time: |
| DURSBAN TC | 2:00 PM |
| Area treated: | Name of applicator: |
| EXTERIOR OF FOUNDATION | GARY BASS |
| Chemical used: | Applicator ID Number: |
| DURSBAN TC | JE113623 |
| Number of gallons used: | % Concentration: |
| 75 | .06 |
| Method of termite prevention treatment: Soil Treatment | |

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

This form is proof of complete treatment for Certificate of Occupancy or Closing.

THIS IS PROOF OF WARRANTY

Warranty and Treatment Certifications Have Been Issued.

| | |
|-----------------------|---------|
| Authorized Signature: | Date: |
| Kathi Schmidt | 6-28-04 |

BRANCHES:

• Crystal River • Daytona Beach • Ft. Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala • Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee •



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FOUNDED 1949

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Complete Pest Control Service
Member Florida & National Pest Control Associations

10905

Reply to: 536 SE Baya Dr
Lake City, FL 32025
Phone (386) 752-1703 Fax (386) 752-0171

TERMITE TREATMENT CERTIFICATION

| | |
|--|-------------------------|
| Owner: | Permit Number: |
| SPEC HOUSE | 21810 |
| Lot: | Block: |
| 2 | |
| Subdivision: | Street Address: |
| TURKEY RUN | 155 SW PHILLIPS CIRCLE |
| City: | County: |
| Lake City | Columbia |
| General Contractor: | Area Treated: |
| TERRY ZIERKE CONSTRUCTION | EXTERIOR OF FOUNDATION |
| Date: | Time: |
| 12/07/04 | 2:15, PM |
| Name of applicator | Applicator ID Number: |
| JAMES D PARKER | JE55238 |
| Product Used: Active Ingredient: % Concentration | Number of gallons used: |
| Dursban TC: Chlorpyrifos: 0.5% | 86 |
| Method of termite prevention treatment: Soil Treatment | |

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

This form is proof of complete treatment for Certificate of Occupancy or Closing.

THIS IS PROOF OF WARRANTY

Warranty and Treatment Certifications Have Been Issued.

| | |
|----------------------|---------|
| Authorized Signature | Date: |
| <i>Kathi Schmidt</i> | 12-7-04 |

BRANCHES:

• Crystal River • Daytona Beach • Ft. Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala • Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee •

COLUMBIA COUNTY OFFICIAL 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 03-4S-16-02739-201

Building permit No. 000021810

Use Classification SFD & UTILITY

Fire: 56.70

Permit Holder TERRY ZIERKE

Waste: 122.50

Owner of Building TERRY ZIERKE

Total: 179.20

Location: 155 SW PHILLIPS CIRCLE, LAKE CITY, FL

Date: 12/13/2004



Sharyn Triche

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

10905

Address 536 SE Baya

City Lake City

Phone 7521703

Site Location Subdivision TURKEY RUN

Lot# 2 **Block#** **Permit#** 21810

Address 155 SW Phillips Circle

AREAS TREATED

| Area Treated | Date | Time | Gal. | Print Technician's |
|------------------------|--------|------|------|--------------------|
| | | | | Name |
| Main Body | 6.9.04 | 800 | 350 | STEVEN |
| Patio/s # | | | | |
| Stoop/s # | | | | |
| Porch/s # | | | | |
| Brick Veneer | | | | |
| Extension Walls | | | | |
| A/C Pad | | | | |
| Walk/s # | | | | |
| Exterior of Foundation | | | | |
| Driveway Apron | | | | |
| Out Building | | | | |
| Tub Trap/s | | | | |
| (Other) | | | | |

Name of Product Applied DURSBAN TC 5 %

Remarks EXTERIOR INCOMPLETE

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address 536 SE Bay

City Lake City

Phone 752-270-3

Site Location Subdivision THURGOOD

Lot# 2

Block# 1

Permit# 21810

Address 155 SW Phillips Ave

AREAS TREATED

**Print Technician's
Name**

Area Treated

Date

Time

Gal.

Main Body

Patio/s #

Stoop/s #

Porch/s #

Brick Veneer

Extension Walls

A/C Pad

Walk/s #

Exterior of Foundation

Driveway Apron

Out Building

Tub Trap/s

(Other)

Name of Product Applied TERMINATOR

2 %

Remarks EXTERIOR TREATMENT