



Onslow County Health Department  
612 College Street  
Jacksonville, North Carolina 28540  
Phone: (910) 938-5851 Fax: (910) 989-2341

## OPERATIONS PERMIT

(GS 130A-337)

Permit No: **EOP2010-03170**

Category: Operations Permit New

**Owner:** TOWN & COUNTRY BUILDING COMPANY INC

**Address** 121 WALNUT HILLS DR RICHLANDS, NC 28574

**Parcel:** 46B-168                      **SR #:**

**Subdivision:** WALNUT HILLS

**Lot:** 50

**Section:** 5                      **Block:**                      **Phase:**

**Location:**

### FINAL PLOT/REMARKS

**System Type:** III

**System Classification:** g. Other  
non-conventional trench system

**Manufacturer:** Ezflow EZ 1203H

**Model #:**                      **EZ1203H**

**System Info:** 25% reduction system - 4(45') poly  
lines

**Facility/Daily design flow:** 3 BR/<360 gpd

**Water Supply:** Public

**THIS DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE.**

Installed By:                      THOMAS "T R" ROGERS

Business Name:                      T R ROGERS

Signed By: Erin Moyer

Date: \_\_\_\_\_

11/12/2010

**ONslow COUNTY HEALTH DEPT.**

**OPERATIONS PERMIT**

(GS 130A-337)

Permit No.: 20560

Owner: Walnut Hills Section V

Systems Type: III g

Address: Lot 50 - 50A

Location: off Bannerman Mill Rd

FINAL PLOT / REMARKS	
System type	_____
Manufacturer	_____
Model#	_____
<u>≤ 360 gpd /</u>	
<u>3 bedroom residence</u>	

Sr #: \_\_\_\_\_

THIS DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE.

Installed By: \_\_\_\_\_

Signed By: \_\_\_\_\_

Date: \_\_\_\_\_

**ONslow COUNTY HEALTH DEPT.**

**CONSTRUCTION AUTHORIZATION**

(GS 130A-336)

THIS AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION SHALL BE VALID FOR A PERIOD EQUAL TO THE PERIOD OF VALIDITY OF THE IMPROVEMENT PERMIT. NOT TO EXCEED 5 YEARS.

Permit No.: 20560

Fee: III g

Owner: Walnut Hills Section IV

Address: Lot 50 - 50A

Location: off Bannerman Mill Rd

System Type/Description: Pump <sup>HS</sup> tax 25% reduction LTAR: 0.5 gpd/sq. ft.

Septic Tank Size: ≥ 900 gallons

Nitrification Area: 540 sq. ft. 180 lin. ft.

No. of lines: 4 Line length: 45' x 3'

Trench bottom depth: no deeper than 12"

(SEE ATTACHED PAGES 1 - 2 of 2 FOR ADDITIONAL PERMIT CONDITIONS)

Signed: Bonnie Simpson RS Date: 12/10/07

**ONslow COUNTY HEALTH DEPT.**

**IMPROVEMENT PERMIT**

(GS 130A-336)

- Valid for 5 years from date of issuance.
- Valid without expiration.

Permit No.: 20560

Fee: III g

Owner: Walnut Hills Section IV

Address: Lot 50 - 50A

Location: off Bannerman Mill Rd

System Type/Description: Pump <sup>HS</sup> to 25% reduction LTAR: 0.5 gpd/sq. ft.

Facility/Daily design flow: ≤ 360 gpd for a 3 bedroom residence

Water supply: On-site well \_\_\_\_\_ Comm. well \_\_\_\_\_ Public X Other \_\_\_\_\_

(SEE ATTACHED PAGES 1 - 2 of 2 FOR ADDITIONAL PERMIT CONDITIONS)

Signed: Bonnie Simpson RS Date: 8-24-07

**NOTE:** Permit is subject to revocation if site plans or intended use change.

# PLOT PLAN

Owner: WALNUT HILLS SECTION V  
 Address: LOT 50  
 Location: OFF BANNERMAN MILL RD

### Additional Permit Conditions

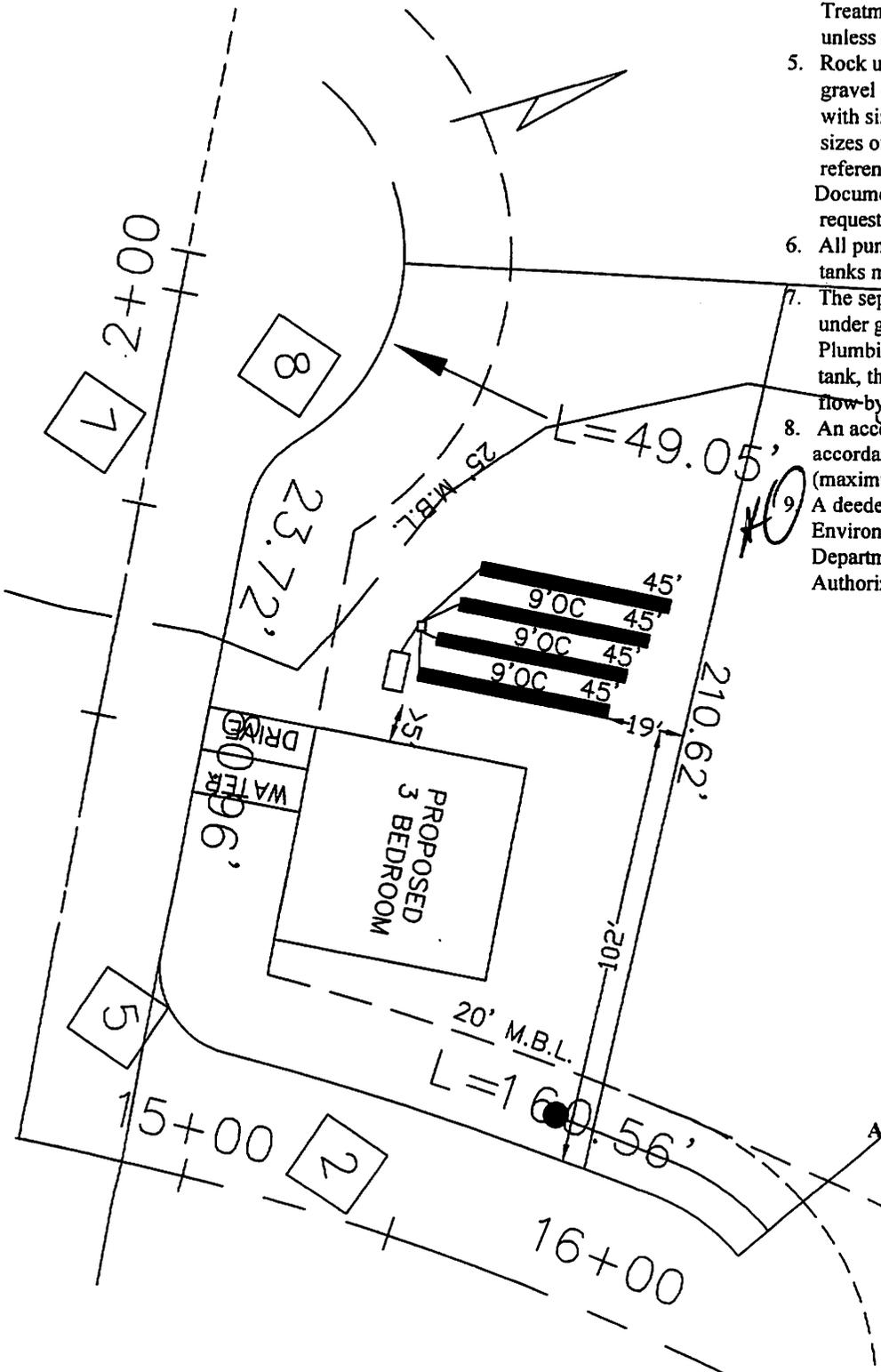
1. Do not park or drive on any part of system or repair area.
2. Nitrification trench aggregate shall be covered with straw, untreated paper or other approved materials prior to final cover/backfilling.
3. Do not install system under wet conditions.
4. Adhere to minimum setback requirements as stated in Rule .1950 and .1951 of NC Laws and Rules for Sewage Treatment and Disposal (Article 11, G.S. Chapter 130A) unless otherwise indicated on this permit.
5. Rock used in soil absorption systems shall be clean, washed gravel or crushed stone and graded or sized in accordance with size numbers 3,4,5,57, or 6 of ASTM D-448 (standard sizes of coarse aggregate) which is hereby adopted by reference in accordance with G.S. > 150 B-14(c). Documentation of aggregate size shall be available upon request.
6. All pump tanks shall be tested for water tightness. Septic tanks may be subject to a water tightness test.
7. The septic tank is designed to receive sewage or wastewater under gravity flow. However, if a system subject to the N.C. Plumbing Code is used to pump raw sewage to the septic tank, the sewage shall be reduced to gravity/nonturbulent flow by approved means at the inlet end of the septic tank.
8. An accepted wastewater system may also be installed in accordance with the accepted wastewater system approval (maximum LTAR of 1.0 gpd/ft<sup>2</sup>).
9. A decided and recorded map shall be submitted to the Environmental Health Section of the Onslow County Health Department **PRIOR TO** the issuance of the Construction Authorization.

### INITIAL

3 BEDROOM  
 LTAR .5  
 4-45' 25% REDUCTION  
 12" TB  
 >6" SOIL COVER REQUIRED OVER SYSTEM AND 5' BEYOND SYSTEM

### REPAIR AREA

3 BEDROOM  
 LTAR .15  
 40'X60' DRIP  
 2" TB  
 TS-II PRETREATMENT

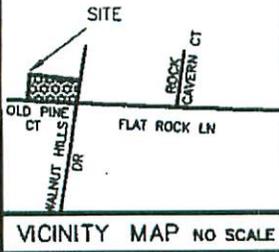


APPROX SCALE 1"=40'

STR 3 ASD

12R10 654

CURVE	RADIUS	CHORD LENGTH	CHORD BEARING
C1	50.00'	47.11'	N 54°19'26" W
C2	25.00'	20.41'	S 50°18'36" E
C3	20.00'	27.43'	N 62°17'33" E
C4	740.00'	87.63'	S 22°23'03" W



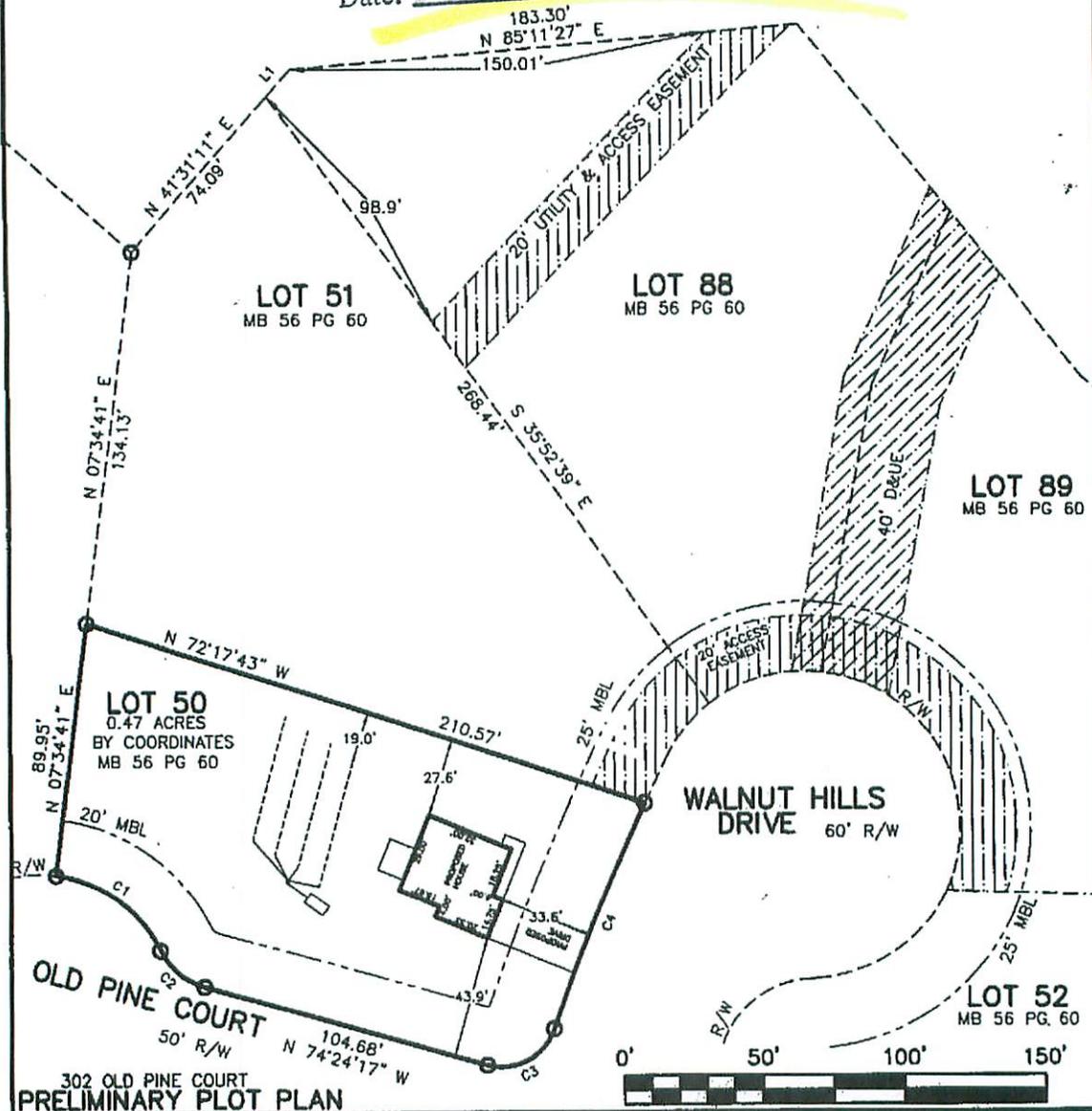
revised: 4/19/10 reversed house and turned proposed drive out towards walnut hills drive

121 WALNUT HILLS DR.

Approved By: *Jason SA Reims*

Date: 5-4-2010

MB 56 PG 60



**FLOOD CERTIFICATION**  
 THIS IS TO CERTIFY THAT THIS PROPERTY IS NOT LOCATED IN A FLOOD HAZARD ZONE PER COMMUNITY # 4430J

THIS IS TO CERTIFY THAT THE SURVEY AND SURVEY WAS DONE IN ACCORDANCE WITH THE STANDARDS AND PRACTICES FOR LAND SURVEYING IN NORTH CAROLINA. THE ERROR OF CLOSURE AS CALCULATED BY LATITUDES AND DEPARTURES IS 10.000+ THIS SURVEY IS AN EASY TO REPRODUCE LAND.

GARY I. CANADY SURVEYING  
 GARY I. CANADY PLS L-2904

**LEGEND**  
 FRIS--FOUND REFERENCE IRON  
 FIP--FOUND IRON PIPE  
 DB--DEED BOOK  
 R/W--RIGHT OF WAY  
 C/L--CENTERLINE  
 TF--TRANSFORMER  
 OHEL--OVERHEAD ELECTRIC LINE  
 CB--CABLE BOX  
 PP--POWER POLE  
 LP--LIGHT POLE  
 FPK--FOUND PK NAIL  
 SPK--SET PK NAIL  
 WM--WATER METER  
 CONC--CONCRETE  
 UAE--UTILITY & ACCESS EASEMENT  
 MBL--MINIMUM BUILDING LINE  
 CH--CHIMNEY  
 FIS--FOUND IRON STAKE  
 SIS--SET IRON STAKE  
 FOM--FOUND CONCRETE MONUMENT  
 D&U--DRAINAGE & UTILITY EASEMENT

SURVEY FOR: TOWN AND COUNTRY BUILDING CO.  
 SUBDIVISION: WALNUT HILLS  
 LOT #: 50 BLOCK: N/A SECTION: 5  
 ONSLOW COUNTY RICHLANDS TOWNSHIP  
 revised: 4/19/10  
 DATE: 4/13/10 SCALE: 1"=50' FB N/A PG N/A  
 CADFILE: TOWNANDCOUNTRY DWG. LOTSOWHPP

**GARY I. CANADY SURVEYING**  
 P.O. BOX: 915  
 9103 RICHLANDS HIGHWAY  
 RICHLANDS, NC 28574  
 OFFICE: (910)-324-4616  
 FAX: (910)-324-8430

**SEPTIC TANK INSPECTION CHECKLIST (Type II-IV)**

Name: \_\_\_\_\_ Location: \_\_\_\_\_  
 Address: Walnut Hills \_\_\_\_\_  
 \_\_\_\_\_  
Lot 50 \_\_\_\_\_

Date of Construction Authorization 12-10-07 (If after January 1, 1999, Septic Tank with filter required)

SEPTIC TANK	INITIAL DATE	NITRIFICATION LINES	INITIAL DATE
Manufacture Date		Trench Type: <u>poly</u>	<u>2-26-08</u>
State ID Number		Trench Width: <u>3'</u>	<u>1</u>
Capacity		Trench Length: <u>45</u>	
Tee/Approved Filter		Trench Bottom Depth	
Baffle		Trench Grade	<u>2-20-08</u>
Sealant		Rock Depth & Quality (3, 4, 5, 57, 6)	
Tank Penetration Seal		Aggregate Cover	
Riser if Applicable		Warranty (if applicable)	
<b>PUMP TANK</b>		Dams/Stepdowns/Drop box, etc.	
Manufacture Date		Pressure Lateral:	
State ID Number		Hole Spacing:	
Capacity		Hole Size:	
Waterproof/Sealant		Turn-ups/Protectors	
Riser		<b>DISTRIBUTION SYSTEM</b>	
Water tightness Test (Note Reading Below)		Distribution Method:	
<b>PUMP</b>		Serial Dist.	
Check Valve/Gate valve		Pressure Manifold	
Anti-siphon Hole (Size )		Pipe (Material and Grade)	
Float Switches		Valves	
Electrical Components		<b>SUPPLY LINE</b>	
Rate (gpm)		Location	
Pump Manufacturer:		Pipe (Material)	
Pump Model Number:		Pipe Size	
Pump Removal Method		Hydrostatic Leak Test:	
<b>GREASE TRAP</b>		<b>LANDSCAPING</b>	
Manufacture Date		Surface Drain	
State ID Number		Subsurface Drain	
Capacity		Depth of Cover: Tank: <u>1'-2"</u> Drainfield: <u>26"</u>	<u>EM</u>
Tee/Approved Filter		Finish Grade/Stabilize (if applicable)	<u>11-12-10</u>
		Permanent Markers	
		<b>OTHER</b>	
		System Setbacks	
		Legal Documents	
		Mound Approved (Texture, Interface,	
Contractor:		Location, Length, Depth, Width)	
<u>TR Rogers</u>			

Revised 6-20-07

**COMMENTS:**