

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
APPLICATION FOR GROUND WATER PROTECTION SERVICES**



1. SERVICE REQUESTED: (check service)	APPLICANT COMPLETE QUESTIONS:	FEES DUE	PTBMS CODES V689	
			Code	Supp/Code
<input type="checkbox"/> Septic System Construction Permit				
<input type="checkbox"/> Dwelling	2, 3, 4, 7, 8, 9	\$	78064	Yes
<input type="checkbox"/> Commercial: gpd	2, 3, 4, 7, 8, 9	\$	78064	Yes
<input type="checkbox"/> System Modification	2, 3, 4, 7, 8, 9	\$	78064	Yes
<input type="checkbox"/> Repair	2, 3, 4, 7, 8, 9	\$	78032	
<input type="checkbox"/> Inspection Letter	2, 3, 5, 7, 8, 9	\$	78030	
<input type="checkbox"/> Water Sample				
<input type="checkbox"/> Total Coliform	2, 3, 6, 7, 8, 9	\$	78036	Yes
<input type="checkbox"/> Fecal Coliform	2, 3, 6, 7, 8, 9	\$	78038	Yes
<input type="checkbox"/> Alternative System Permit*		\$	78068	
<input type="checkbox"/> Large Conventional System Plan Review*		\$	78099	
<input type="checkbox"/> Large Alternative System Plan Review*		\$	78099	
<input type="checkbox"/> Experimental System Plan Review*		\$	78072	
<input type="checkbox"/> Subdivision Evaluation: Lots: _____*		\$		
<input type="checkbox"/> Soil Mapping: Type _____ Acres _____*		\$		Yes
<input type="checkbox"/> Installer Permit: Type(s) _____*		\$	78026	Yes
<input type="checkbox"/> Pumper Permit*		\$	78028	
<input type="checkbox"/> Plat Approval — Individual Lot		\$	78029	
<input type="checkbox"/> Domestic Septage Disposal Site Permit		\$	78031	

*Applicant may review these service requests with Environmental Specialist prior to processing application.

2. **LANDOWNER:** Rich Phillips **APPLICANT** **ORIGINAL OWNER**
 Names: _____ Name: _____ Name: _____
 Address: PO Box 176 Address: _____
Crossville Tenn Day Phone: _____
 Day Phone: 788-5368 Day Phone: _____

3. **LOCATION OF LOT OR SITE:** a) In a subdivision? b) Name: Lantana Est Lot # 76
 b) Non-Subdivision _____ Give specific directions and address to the lot or site: _____

4. **FOR SSDS PERMIT ONLY:** a) Size of lot 100 X 200 b) Number of Bedrooms 2
 c) How many occupants? 1 d) Excavated Basement? Yes _____ No _____
 e) Basement Plumbing Fixtures? Yes _____ No _____
 f) Amount of water used monthly (gallons) 1000
 g) Water Supply: Public Well _____ Spring _____
 h) Is the lot staked? If not, date it will be staked: _____
 Is the house staked? If not, date it will be staked: _____
 i) Installer, if known: Schubert & Qualls

5. **FOR INSPECTION LETTER ONLY:** Will pick up _____ Please mail _____
 a) Age of house _____ b) Is house vacant? _____ How long? _____
 c) Original sewage system inspected by Health Department? _____
 d) Date of previous repairs _____ Inspected _____
 e) Is waste water "backing up" into plumbing fixtures? _____ Surfacing on the ground? _____
 f) All waste water including washing machines routed into septic tank _____

6. **FOR WATER SAMPLE ONLY:** a) Source of Supply: Spring _____ Well _____
 b) Is there an outside faucet? _____ c) Is the source chlorinated? _____
 d) For Wells: Is the casing 6" above the ground? _____ Is a sanitary seal on the casing? _____

7. MAKE A ROUGH SKETCH ON BACK OF THIS **WHITE** PAGE SHOWING DIRECTIONS TO PROPERTY, PROPERTY LINES, HOUSE SITE, WELL LOCATION, SPRING LOCATION, PLANNED DRIVEWAY AND UTILITIES.

8. ALL FEES DUE IN ADVANCE AND ARE NON-REFUNDABLE (except upon appeal). See Fee Schedule on reverse. Make check payable to: **TREASURER, STATE OF TENNESSEE**

9. I certify that the above information is true and correct to the best of my knowledge, and that I have been authorized by the above named landowner to submit this Application for Environmental Services to the Division of Ground Water Protection.

DATE: 10-28-98 SIGNATURE: Rich Phillips AMOUNT PAID: \$ 100.00 RECEIPT NUMBER 265911
CR. 1421
UE

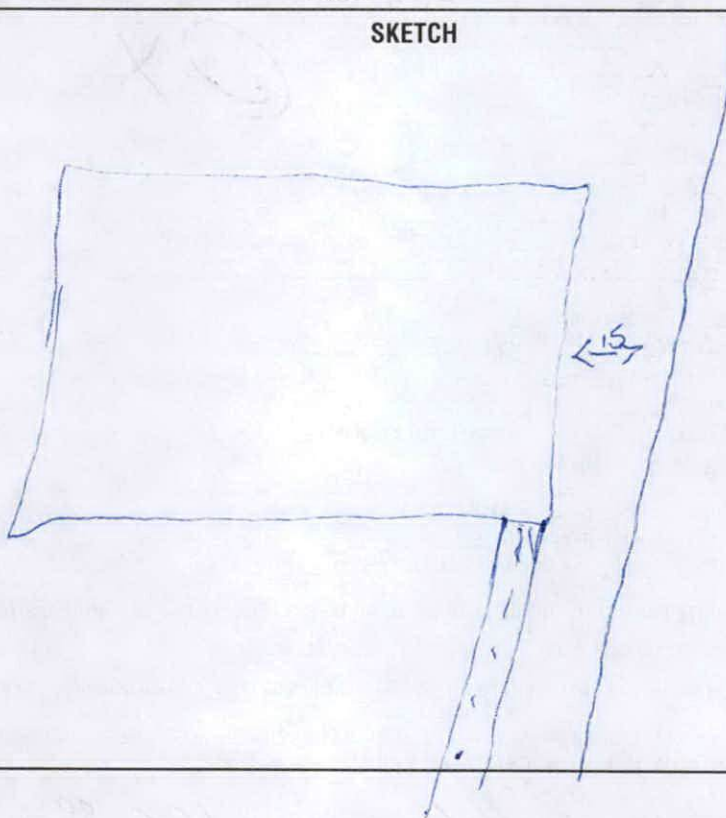
White: File Canary: Owner

FEE SCHEDULE

PTBMIS
SUPP/CODE

Evaluation for Conventional or LDGP Septic System Permit	\$100.00 up to 1000 gpd	
	\$ 50.00 for each additional 1000 gpd or portion thereof	78066
Repair	\$None	
Inspection Letter	\$100.00	
Subdivision Evaluation	\$ 20.00 per lot	
Water Samples:		
Total Coliform	\$ 25.00	78036P
Fecal Coliform	\$ 50.00	78036P
Soil Mapping:		
Low Intensity	\$ 65.00 up to 5 acres	78074
	\$ 10.00 per acre thereafter	78076
General Intensity	\$ 40.00 per acre — \$ 40.00 minimum	78078
High Intensity	\$ 65.00 per acre — \$ 65.00 minimum	78040
Extra High Intensity (Minimum is for each separate acre or part of acre to be mapped)	\$ 100.00 per acre — \$100.00 minimum	78042
Alternative System Application Processing	\$150.00 up to 1000 gpd	
	\$ 75.00 for each additional 1000 gpm or portion thereof	78070
Large Conventional or Large Alternative Plan Review	\$300.00 per proposed system	
Experimental System Application Processing	\$250.00	
Pumper Permit	\$100.00	
Installer Permit	\$100.00 for conventional & LDGP	
	\$ 50.00 for each alternative system	78080
Plat Approval — Individual Lots	\$ 20.00 per lot	78029
Domestic Septage Disposal Site Permit	\$200.00	78031

SKETCH



Official Use:

File Search _____
 Absorption Rate _____ At Depth _____
 Percolation Rate _____ At Depth _____
 Other Requirements _____

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GROUND WATER PROTECTION
PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM**

Issued to: <u>Phillips, Rick</u> <small>(Owner, Developer, Contractor, Installer, Etc)</small> Location: <u>Hot 36 Hamtoma Est</u> Installation: <input checked="" type="checkbox"/> 1. New Installation <input type="checkbox"/> 2. Repair to Existing System Establishment: <input checked="" type="checkbox"/> 1. Residential: # Bedrooms <u>2</u> <input type="checkbox"/> 2. Other: _____ (specify) Gal/Day _____	Evaluation Based Upon: <input checked="" type="checkbox"/> 1. Soil typing by Soil Scientist <input type="checkbox"/> a. General <input type="checkbox"/> b. High Intensity <input type="checkbox"/> c. Extra High Intensity <input type="checkbox"/> 2. Soil Percolation Test <input type="checkbox"/> 3. Environmental Specialist Estimated Absorption Rate: <u>75</u> MPI Approval based upon: Statute No. <u>T.C.A. 68-221-403</u> <input type="checkbox"/> (c) Percolation test <input type="checkbox"/> (d) Grandfather clause. Current standards except those specified <input type="checkbox"/> (f) 12" (karst) and 6" (non-karst) buffer required <input type="checkbox"/> (i) 9" buffer required (24"-36" total soil depth) <input type="checkbox"/> (k) Grandfather clause — meets June 30, 1990 standards (repair only) <input type="checkbox"/> Other _____	Type of System: <input checked="" type="checkbox"/> 1. Conventional <input type="checkbox"/> 2. Low Pressure Pipe <input type="checkbox"/> 3. Mound <input type="checkbox"/> 4. Lagoon <input type="checkbox"/> 5. Large Diameter Graveless Pipe <input type="checkbox"/> a. Sand backfill required <input type="checkbox"/> 6. Other
---	--	--

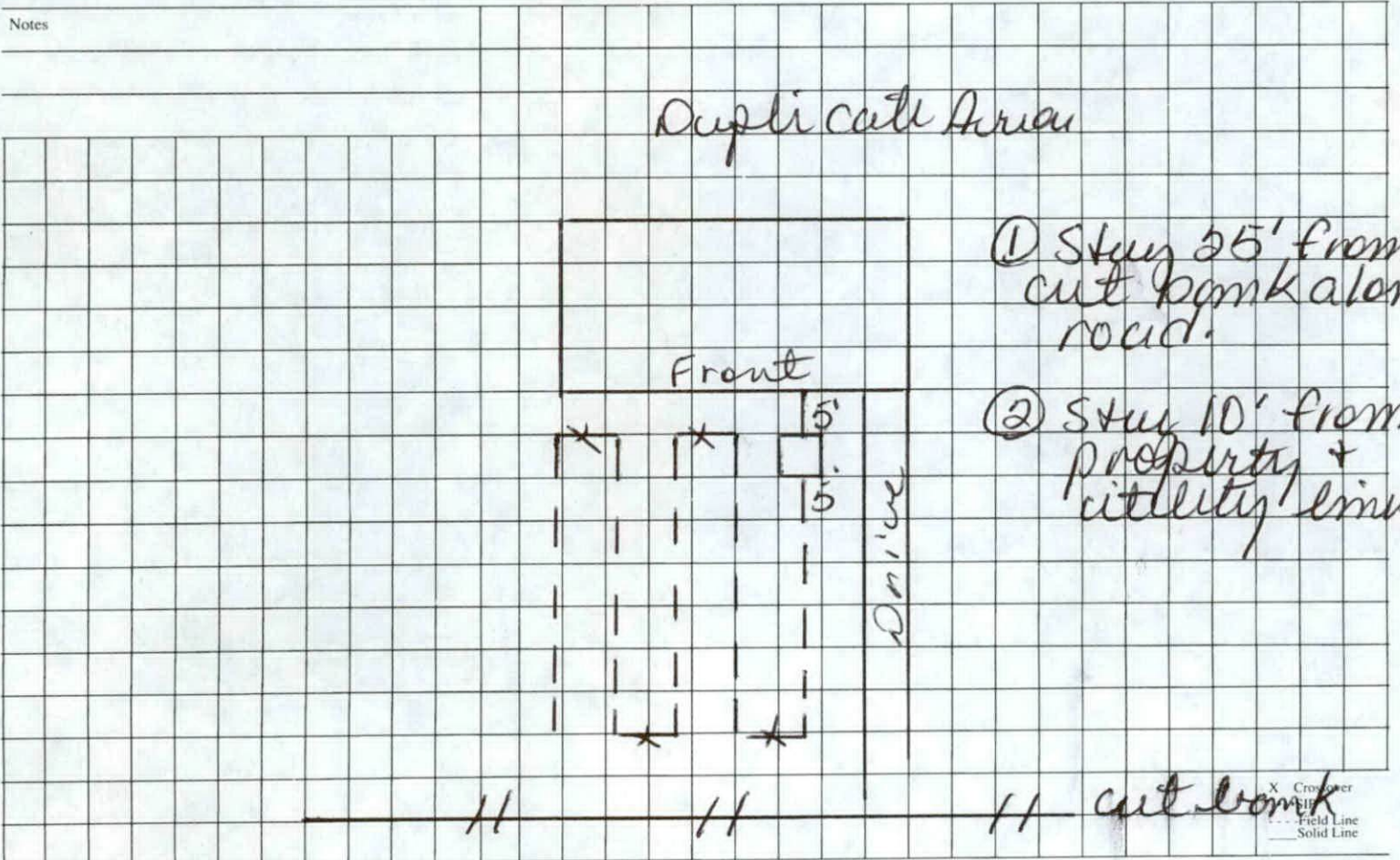
This system shall consist of a two compartment septic tank holding 750-1000 gallons, with 250 linear feet in 4-5 trenches, 36 inches wide and 24-36 inches deep. (Depth of gravel: 12 inches)

- Also required:
 1. Soil Improvement Practice (SIP)
 2. Flow Diversion Valve
 3. Sewage Pump
 4. Other: _____

All installers of subsurface sewage disposal systems must hold a valid annual license from the Tennessee Department of Environment and Conservation.

The recipient of this permit agrees to construct or have constructed the above described system in accordance with T.C.A. 68-221-401 et. seq. and The Regulations To Govern Subsurface Sewage Disposal Systems. If any part of the system is covered before being inspected and approved, it shall be uncovered by the recipient of the permit at the direction of personnel of the Department of Environment and Conservation. **Any cutting, filling or alterations of the soil conditions on the aforementioned property after this day may render this approval null and void.**

X Rick Phillips (Signature of Recipient) Date 11/5/99
 Issued at Crossville Tennessee, in Cummins County
 By Jim Yapp ESITC (Name and Title) Date 11/5/99 (Date of Issue)
This permit is valid for 3 years from date of issue.



This is a permit to construct and is not intended to imply approval of any work proposed or completed on this lot.

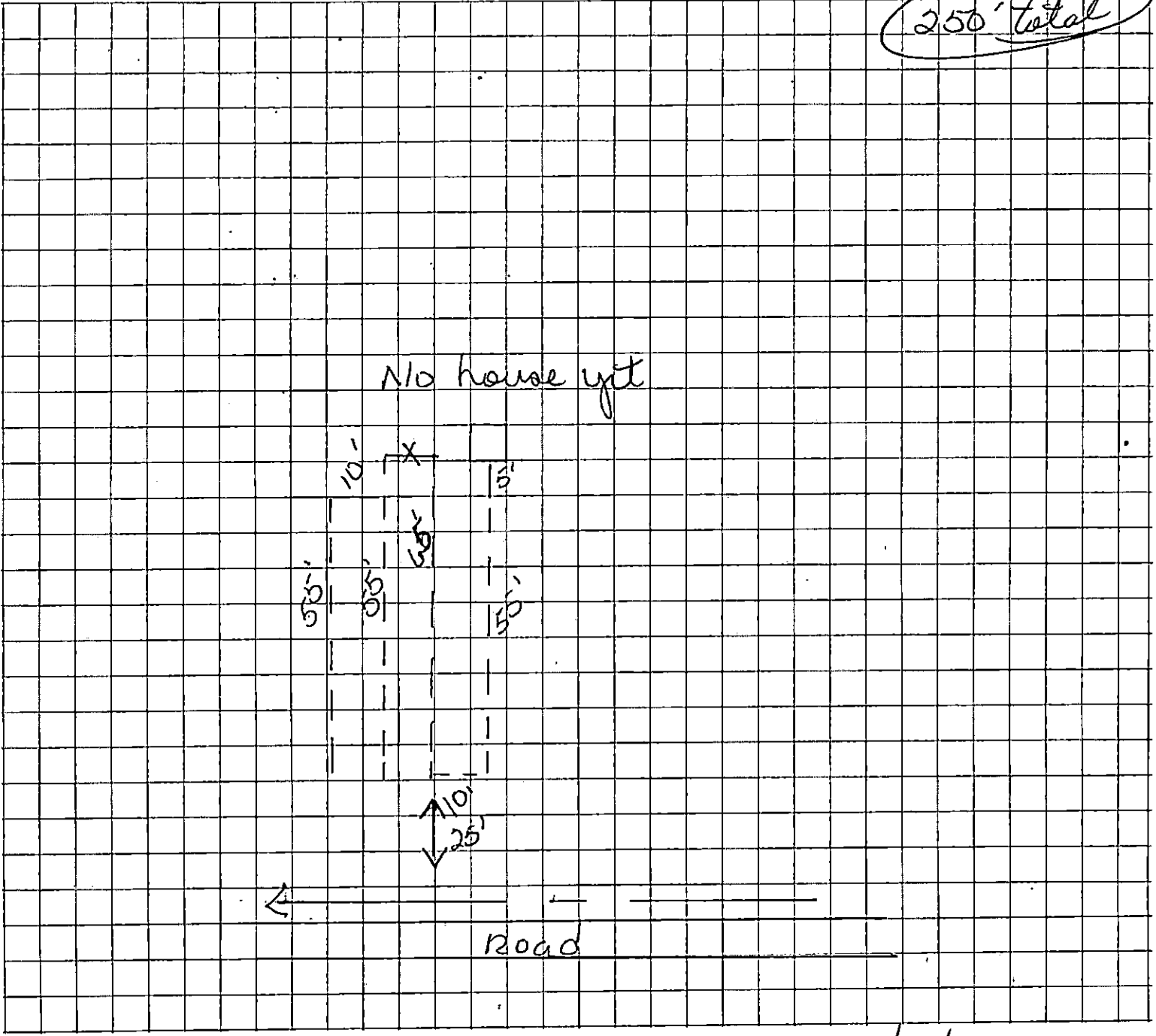


TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
CERTIFICATE OF COMPLETION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

Issued to: Phillips, Rick
Owner, Developer, Contractor, Installer, Etc.
 Location: Lot 7 to Ramona ESY.

Type of system
 1. Conventional
 2. Low Pressure Pipe
 3. Mound
 4. Lagoon
 5. Large Diameter Gravelless Pipe
 (a) Sand backfill required Yes () No ()
 6. Other Septic Tank
 (type) 750 (volume)
 Estimated Absorption Rate 25 (minutes per inch)
 New Installation () Repair () Other
 Installed by: Shulmit & Quatto

250' total



Construction Approved By: Jim Tripp ES III
(Name and Title)

11/19/99
(date)

SOILS & ENVIRONMENTAL SERVICES
957 West Avenue Suite 8 Crossville, TN 38555
PHONE: 931-484-8554 FAX: 931-484-8554

COUNTY : CUMBERLAND DATE : 6-24-98

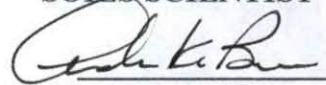
JOB DESCRIPTION AND / OR LOCATION :

HIGH INTENSITY SOIL MAP :

LANTANA ESTATES – LOT 76

ANY CUTTING OR FILLING WILL
VOID THIS SOIL MAP

SOILS SCIENTIST DATE

 6/24/98

ANDREW K. BROWN

The signature of the Soils Scientist does not
constitute approval by the Dept. of Env. & Cons.

Note: **RED** over **GREEN** or **RED** over **YELLOW**, the subsurface sewage lines
should be restricted to a depth indicated on the soils map. Lines installed at a
greater depth may have a +75 m.p.i. rate.

The use of colors on soil maps are to show the estimated absorption rates of soils
minutes per inch.

RED over **GREEN** 15 through 60 minutes per inch
(when rate is not assigned use rate in soils chart)

RED over **YELLOW** 61-75 minutes per inch
(use 75 rate when m.p.i. is not assigned)

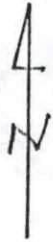
RED >75 minutes per inch
(may be due to absorption rates greater than 75
minutes per inch , drainage , depth , slopes , fill
material or non soils).

Note: Hold a minimum of 25 feet setback from the center of a two dot drain and
hold a minimum of 10 feet setback from center of a one dot drain , unless other-
wise noted.

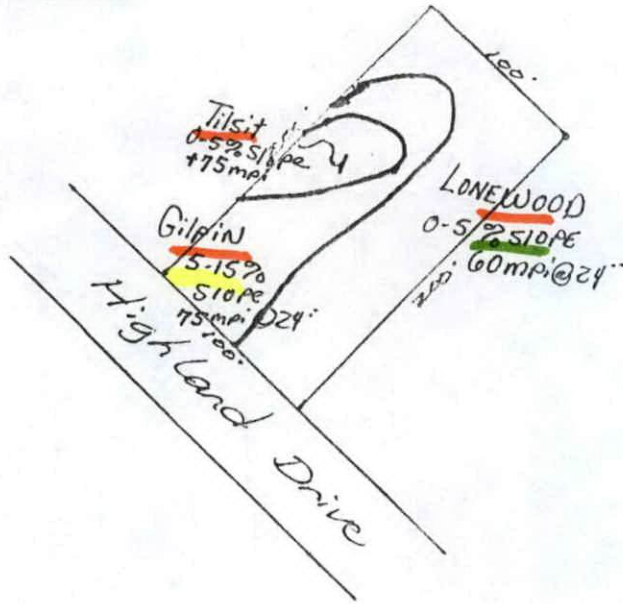
LEGEND

-  SINKHOLE
-  POND
-  DEPRESSION
-  SPRING
-  DRAINAGE WAY
-  ROCK OUTCROP

Phone : 615-484-8554
Fax : 615-484-8554



Scale 1" = 100'



Lot 76
Lantana Estates