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HALL COUNTY BOARD OF HEALTH
P.O. BOX 1295, 430 PRIOR STREET GAINESVILLE, GA 30503

APPLICATION FOR CONSTRUCTION PERMIT
FOR ON-SITE SEWAGE MANAGEMENT SYSTEM

Application Date: Nov 20, 2000

Permit Number: S-069-2000-02320

Property Address: 4815 THUNDER RIVER DRIVE
GAINESVILLE, GA 30501

Lot Number: 59

Subdivision: RIVER'S EDGE

Builder/Company:

Owner's Name: TIM & KIM SULLENS

Owner's Address: 5787 F. GILMER ROAD
GILLSVILLE, GA 30543

Phone: [REDACTED]

Facility Type: RESIDENCE	Water Supply: PUBLIC	Plumbing Level: BASEMENT
Lot Size:	Garbage Disposal: No	Type System:
Bedrooms: 3	Grease Trap: Gals.	Field Layout: SERIAL DISTRIBUTION
Percolation Rate: ~~34~~ 50	Water Table: 72	Soil Type: LOUISBURG I
Absorption Field Area:		
Linear Ft: ~~264~~ 309	Square Ft:	Trench Width: 36 Inches
		Trench Depth: ~~36~~ 42 Inches
	Septic Tanks: 1000 Gals.	Dosing Tank: Gals.

Directions:

Install system in Louisburg I.

Disclaimers:

TRASH/BURIAL PITS MUST BE REPORTED TO THE HEALTH DEPARTMENT.

ALL SURFACE AND/OR GROUND WATER MUST BE DIVERTED AROUND SEWAGE SYSTEM.

THERE MUST BE SUFFICIENT SPACE ON THE PROPERTY TO INSTALL ORIGINAL AND BACKUP CONVENTIONAL ONSITE SEWAGE SYSTEM.

AS OF 2/20/2000 ANY PERSON/PERSON'S INSTALLING ON SITE SEWAGE MANAGEMENT SYSTEMS MUST BE CERTIFIED BY THE STATE OR AN APPROVAL FOR THE SYSTEM WILL NOT BE ISSUED.

WHEN INSTALLING A NEW SYSTEM OR A REPAIR, IF THERE ARE INDICATIONS OF UNSUITABLE SOILS OR OTHER CONCERNS, PLEASE CEASE WORK AND NOTIFY THE HALL COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

SEDIMENT AND SOIL EROSION CONTROLS MUST BE SUFFICIENT AND REMAIN IN PLACE.

INLET AND OUTLET TEES MUST BE IN PLACE AT THE TIME OF INSPECTION. IF INLET PLUMBING IS NOT HOOKED TO THE BUILDING AT TIME OF INSPECTION, INLET TEE MUST BE CEMENTED OR SECURED TO TANK.

FOR ALL SYSTEMS INCLUDING REPAIRS, THE SIZE OF THE TANK AND THE AMOUNT OF DRAIN LINE MUST ACCOMMODATE THE NUMBER OF BEDROOMS

Issuance of a construction permit for an on-site sewage management system and subsequent approval of same by representatives of the Georgia Department of Human Resources or County Board of Health shall not be construed as a guarantee that such systems will function satisfactorily for a given period of time, furthermore, said representatives do not by any action in effecting compliance with these rules, assume any liability for damages which are caused, or which may be caused, by the malfunction of such system.

I hereby apply for a construction permit to install an on-site sewage management system and agree that the system will be installed to conform to the requirements of the rules of the Georgia Department of Human Resources, Chapter 290-5-25. I have read and will comply with the additional requirements printed above. I understand that final inspection is required and will notify the County Health Department upon completion of construction and before applying final cover.

See Attached
Signature(Owner or Applicant)

Chris A. Hanger 2/23/01
ONLY VALID FOR CONSTRUCTION IF SIGNED
PROPOSED DRAWING IS ATTACHED

*updated permit 2/23/01 Cth
see soil analysis*

3/16/01 EST 10:30 & 2:00 Partial

3-16-01

MT

Nix 1000 compartmented
zabel filter

Infiltrator 156.25' total
avg TD: 48"

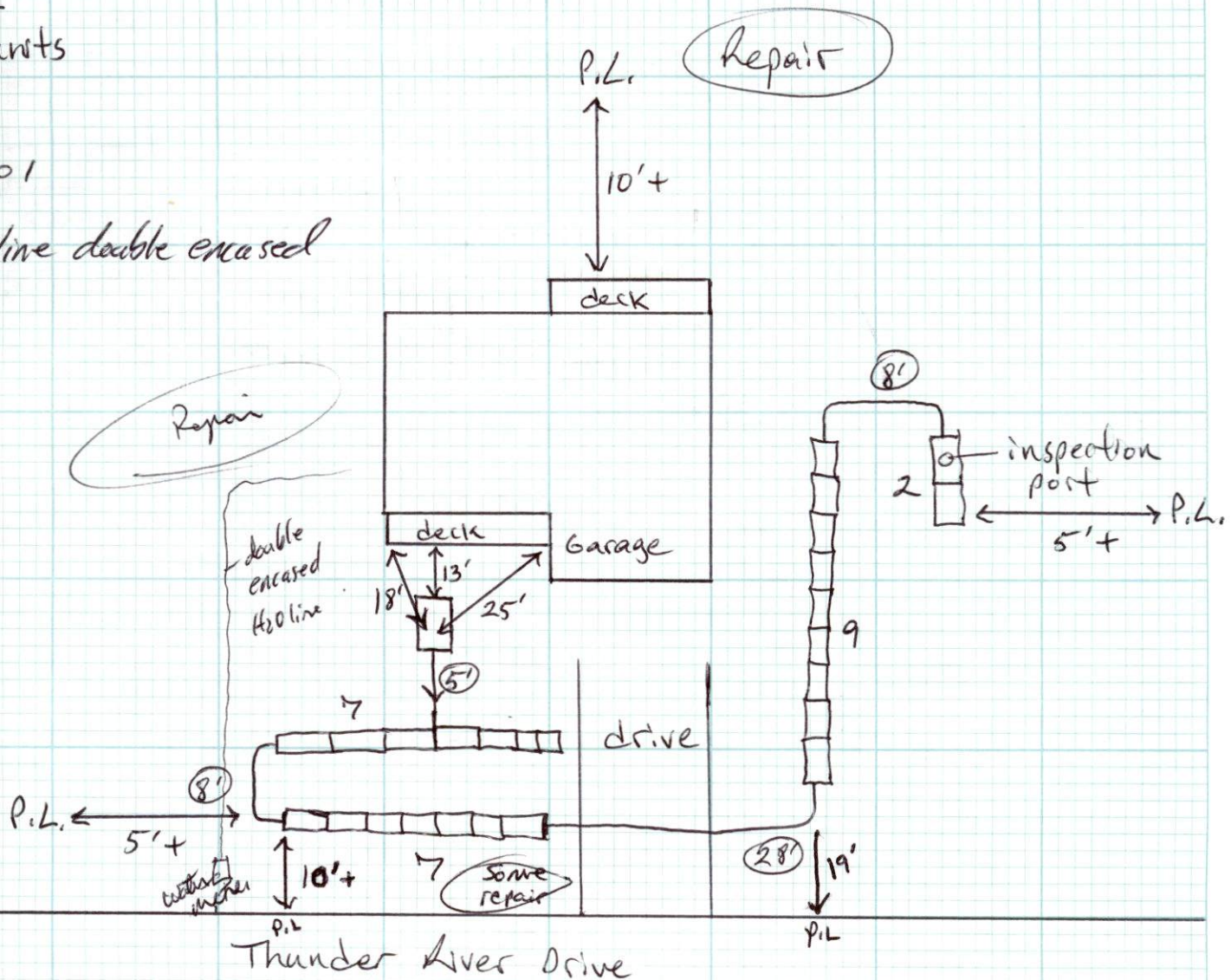
SKETCH IS APPROXIMATE, NOT TO SCALE

$$\begin{array}{r} 7 \\ 7 \\ 9 \\ + 2 \\ \hline 25 \text{ units} \end{array} \quad \begin{array}{r} 25 \\ \times 6.25 \\ \hline 156.25 \text{ total feet} \end{array}$$

3-26-01

cat

Water line double encased



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Property Address: **4815 THUNDER RIVER DRIVE**
GAINESVILLE, GA 30501
Owner's Name: **TIM & KIM SULLENS**

Builder/Company:		Facility Type: RESIDENCE	
Septic Installer:		Lot Size:	
Lot Number: 59	Subdivision: RIVER'S EDGE	Water Supply: PUBLIC	
Latitude:	Longitude:	Plumbing Level: BASEMENT	
Bedrooms: 3	Type System:	Perc Rate: 34	
Garbage Disposal: No	Field Layout: SERIAL DISTRIBUTIO	Grease Trap:	Gals.
Water Table: 72	Soil Type: LOUISBURG		
Linear Ft:	Square Ft:	Trench Width:	Trench Depth:
264		36 Inches	36 Inches
		Septic Tanks:	Dosing Tanks:
		1000 Gals.	Gals.

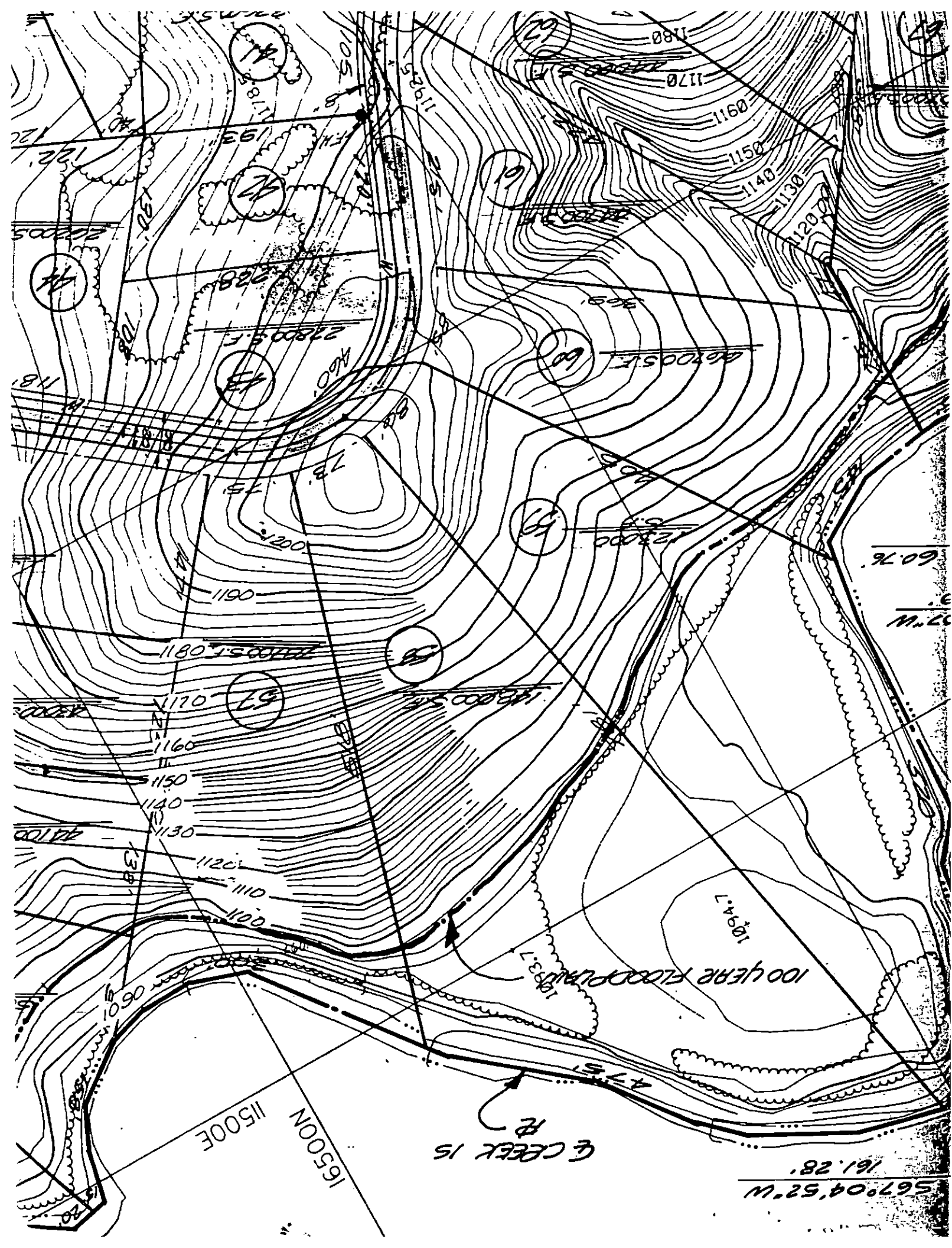
Directions:



Proposed Site Approved By JH Date 11/28/00

F
I
N
A
L

Final Approval By [Signature] Date 3-26-01
Comments:



567°04'52"W
161.28'

CREEK IS
#2

16500N
11500E

100 YERE FLOOD PLAIN

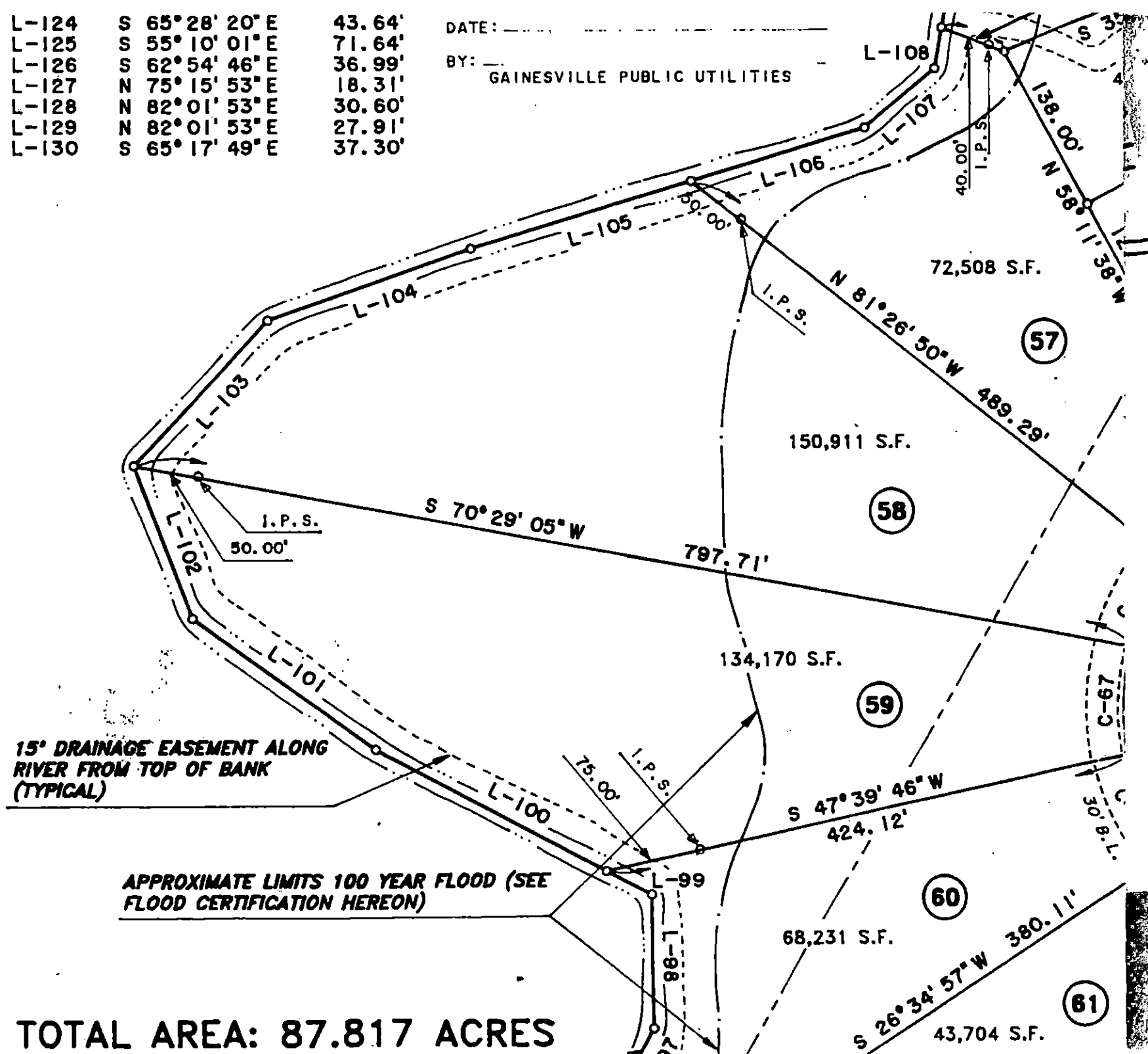
1094.7

60.7°
11.2°

L-124	S 65° 28' 20" E	43.64'
L-125	S 55° 10' 01" E	71.64'
L-126	S 62° 54' 46" E	36.99'
L-127	N 75° 15' 53" E	18.31'
L-128	N 82° 01' 53" E	30.60'
L-129	N 82° 01' 53" E	27.91'
L-130	S 65° 17' 49" E	37.30'

DATE: _____

BY: _____
GAINESVILLE PUBLIC UTILITIES



Georgia Department of Human Resources

SOIL DATA RECORD

Percolation, Water Table, and Soil Data

1. NAME OF PROPOSED DEVELOPMENT RIVERS EDGE S/D

LOCATION OF PROPOSED DEVELOPMENT HESS HELTON RD.

COUNTY HALL LAND LOT 3/22 'G.M.D. OR LAND DISTRICT 12TH DIST.

2. OWNER OR SPONSOR GUY JOHNSON TELEPHONE N [REDACTED]

OWNER OR SPONSOR'S ADDRESS: STREET 4583 CLEVELAND HWY CITY GAINESVILLE, GA.
30506

3. PERCOLATION DATA

TEST HOLE NUMBER	PERCOLATION RATE-MIN/IN	TYPES OF SUBSOIL ENCOUNTERED	TEST HOLE NUMBER	PERCOLATION RATE-MIN/IN	TYPES OF SUBSOIL ENCOUNTERED
41	60 Min/in		61	48 Min/in	
42	48 Min/in		62	48 Min/in	
43	60 Min/in		63	48 Min/in	
44	48 Min/in		64	48 Min/in	
45	40 Min/in		65	40 Min/in	
46	40 Min/in		66	48 Min/in	
47	48 Min/in		67	60 Min/in	
48	48 Min/in		68	48 Min/in	
49	40 Min/in		69	48 Min/in	
50	48 Min/in		70	48 Min/in	
51	48 Min/in		71	48 Min/in	
52	40 Min/in		72	40 Min/in	
53	30 Min/in		73	48 Min/in	
54	30 Min/in		74	48 Min/in	
55	30 Min/in		75	40 Min/in	
56	34 Min/in		76	48 Min/in	
57	40 Min/in		77	60 Min/in	
58	40 Min/in		78	48 Min/in	
59	34 Min/in		79	40 Min/in	
60	40 Min/in		80	40 Min/in	

4. If it appears that the ground water table may adversely affect the operation of individual sewage disposal systems at any time of the year, specify by lot numbers and indicate on topographic map the areas so affected _____

5. If rock, shale, hardpan or similar formations occur as outcroppings or within a six foot depth on any of the lots in this proposed development, specify by lot numbers and indicate on the topographic map the areas affected _____

6. Soil data. (Locate borings on topographic map.)

BORING NUMBER	SOIL DATA CONDITIONS
1	
2	
3	
4	
5	
6	
7	
8	
9	
10*	

* Attach additional sheets if necessary

7. I certify the above data was obtained under my supervision and is representative of existing soil conditions.

SIGNATURE [Signature] TITLE REGIONAL MANAGER
NOBLEMAN ALTOBELLI, JR.

ADDRESS P.O. Box 1454 TELEPHONE NO. 404-532-4021

REG. NO. GA # 508 DATE 27 FEB. 1995

~~Eng. Design~~

Split system /

Full length system

264' gravel / pipe

plus ~~regional~~ magnitude of

system in front and right side
of lot - hard pipe under
drive.

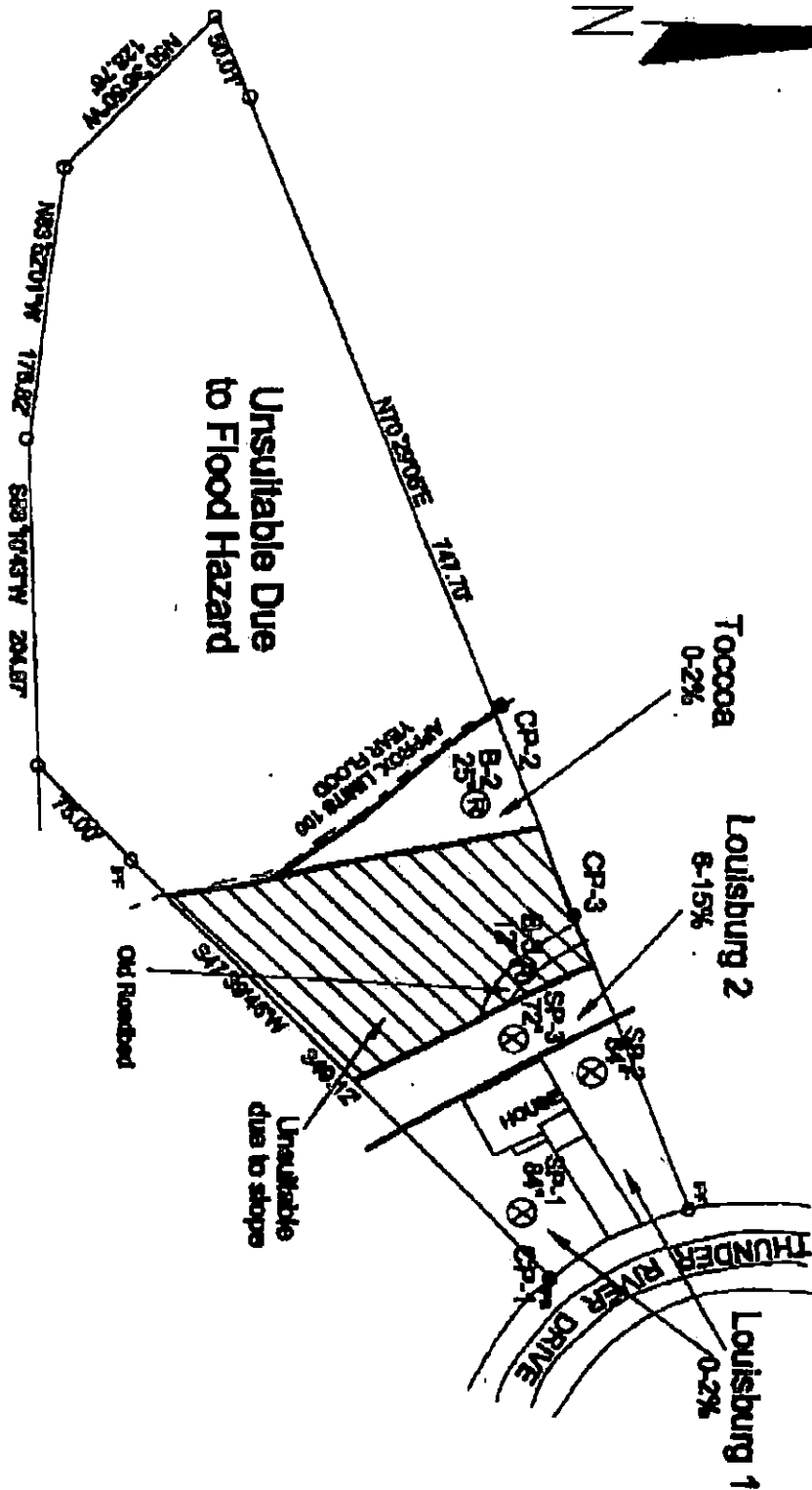


- place system shallow due to rock
- Stay out of fill w/ system

Repair may be ~~dig~~ dig another ^{due to} rock / slope.

Soil Unit	Depth to Bedrock	Depth to Seasonal High Water Table	Absorption Rate	Recommended Trench Depth	Suitability	Area
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Table 1. Drainfield design criteria.



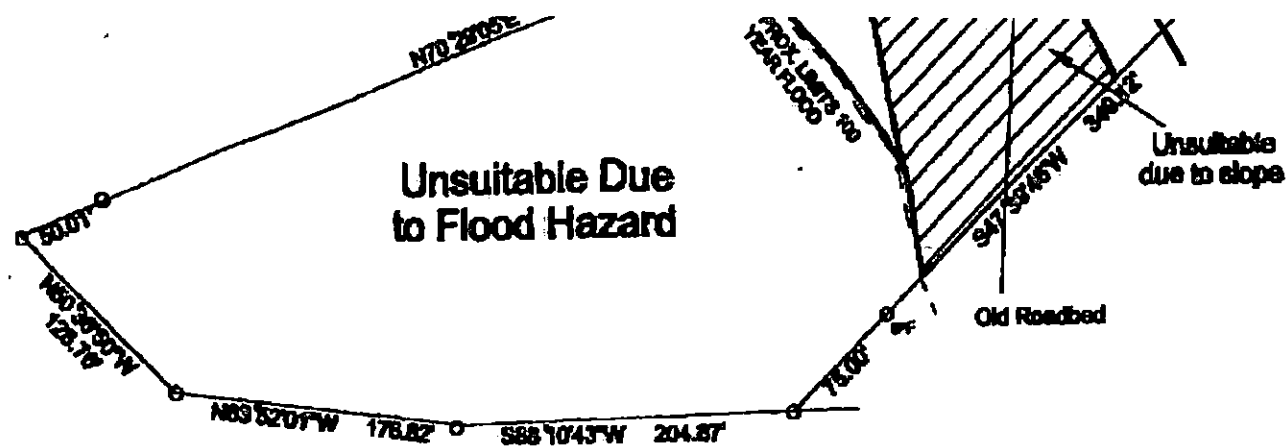


Table 1. Drainfield design criteria.

Soil Unit	Depth to Bedrock	Depth to Seasonal High Water Table	Absorption Rate	Recommended Trench Depth	Suitability	Area
Units	Inches	Inches	Min./In.	Inches		ft ²
Louisburg 1	>80	>80	50	30-42	Suitable	9,374
Louisburg 2	_____	_____	_____	_____	See Note 2	5,275
Toccoa	25	_____	_____	_____	See Note 1	5,304

NOTE 1: This area may be suitable for a mound or modified mound system. Further study is required to determine the suitability of this area.

NOTE 2: This area should suffice for a reserve area, however, further study is required to determine the design criteria in these soils.

NOTE 3: The absorption rate is estimated based upon soil conditions encountered. Saturated hydraulic conductivity tests can be conducted to more accurately determine the potential loading rates.

Louisburg 1	>80	>80	50	30-42	Suitable	5,314
Louisburg 2	_____	_____	_____	_____	See Note 2	5,275
Toccoa	25	_____	_____	_____	See Note 1	5,304

NOTE 1: This area may be suitable for a mound or modified mound system. Further study is required to determine the suitability of this area.

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NOTE 3: The absorption rate is estimated based upon soil conditions encountered. Saturated hydraulic conductivity tests can be conducted to more accurately determine the potential loading rates.

LEGEND

- Control point
- Boring location and depth in inches to bottom of hole
 - , hard rock "R",
 - # rippable rock "R", or the seasonal high water table "W".
- Drainage ditch
- Gully
- Terrace

Borings are located in the field using a Suunto Compass and a Bushnell, Laser Range Finder. Borings are marked with yellow flagging. Field work was conducted on 2/9 & 2/12/01 and all flags are dated. Control points are red stake flags. Soil pits are marked with yellow stake flags.

0 100 200 300
GRAPHIC SCALE - FEET

SHEET
1 of 1

Handwritten Signature

LEVEL III SOILS MAP

Tim & Kim Sullens
Hall County, Georgia

Job No. 01-HALL-18

Issued Date: February 18, 2001
Revised Date: February 22, 2001

Map Prepared by: Ward G. Cleveland
GA Certified Soil Classifier No. 129



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Gainesville, GA 30606

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