FEE: 200 CK
DATE: 9/29/04 JH A

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: ✓ NEW SYSTEM __ EXPANSION/ ALTERATION OF EXISTING SYSTEM __ REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 5606913

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 197-021-39

STREET ADDRESS: Fox Hollow # 13

SUBDIVISION OR MOBILE HOME PARK NAME: Davis Run

LOT NUMBER: 13

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
✓ HOUSE (H)
__ MODULAR HOME (M)
__ MULTIPLE FAMILY (U)
__ OTHER (O)

TOWNSHIP (CHECK ONE):

__ 0 MECKLENBURG
__ 1 CHARLOTTE
__ 2 DAVIDSON
__ 3 CORNELIUS
__ 4 PINEVILLE
__ 5 MATTHEWS
__ 6 HUNTERSVILLE
✓ 7 MINT HILL

HEATED SQUARE FOOTAGE: 2500-3500

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS:

CLOSING DATE _____

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT
__ ON-SLAB
✓ CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: __ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

__ COMMUNITY (C)
__ SHARED WELL (S)
✓ MUNICIPAL (M)
__ OTHER 'SPRINGS' (O)
__ PRIVATE WELL (P)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES	__ YES __ NO	WELL, SPRINGS OR WATERLINES	__ YES __ NO
EXISTING WASTEWATER SYSTEMS	__ YES __ NO	DESIGNATED WETLANDS	__ YES __ NO
EASTMENTS OR RIGHT-OF-WAYS	__ YES __ NO		

PROPERTY OWNER:	LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: Davis (LAST) Russell (FIRST) J (MI)	NAME: (LAST) (FIRST) (MI)
ADDRESS: 17655 Canyon Rd.	DAYTIME PHONE: ( ) —
CITY: Mint Hill STATE: NC ZIP: 28227	
DAYTIME PHONE: 704 545 - 8667	

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: Russell J Davis DATE: 9-28-04

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

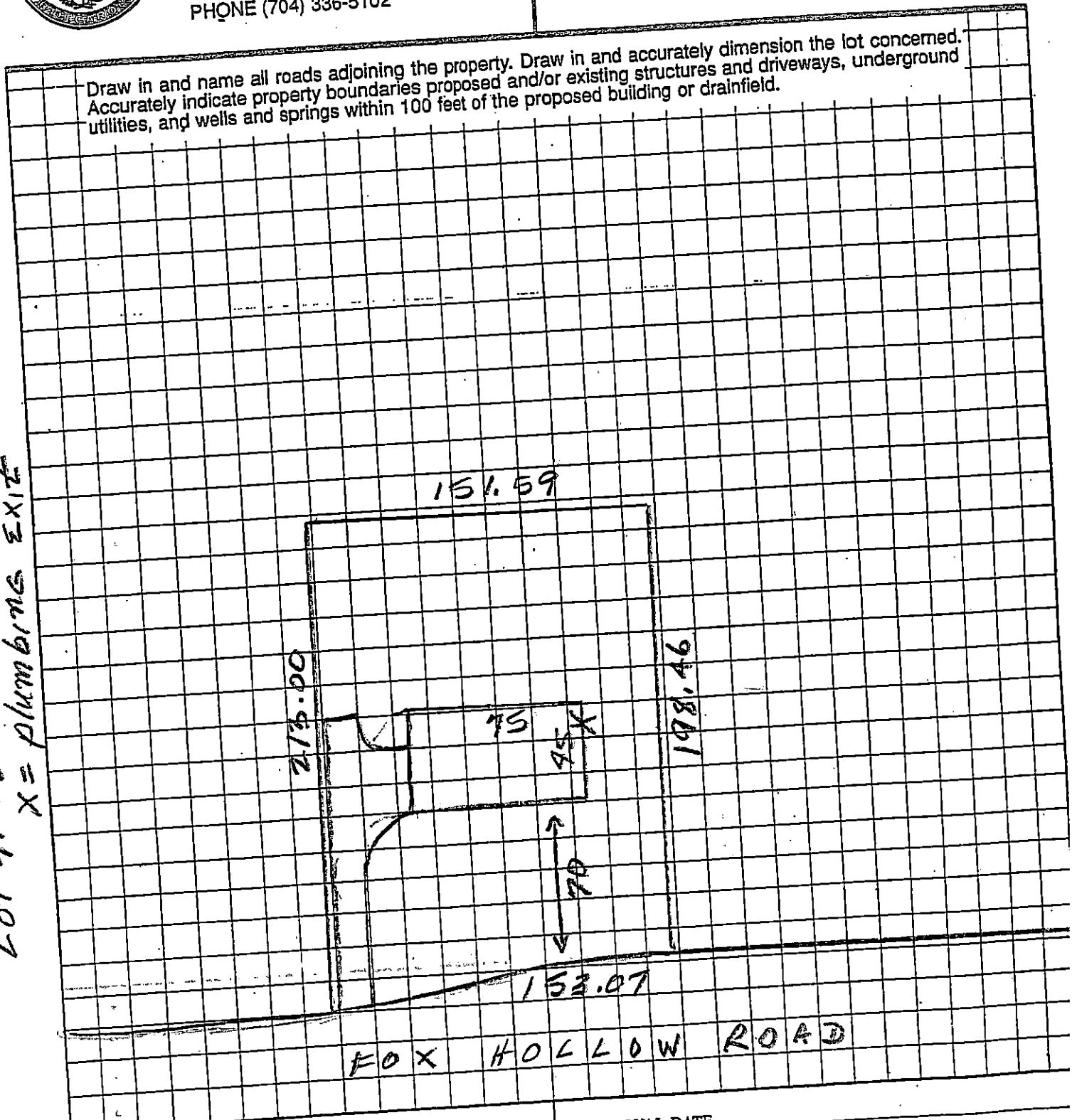
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5669B

TC: 197-021-3900

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



Lot #13 - DAVIS RUN
X = plumbing exit

OWNER/AGENT SIGNATURE

DATE 08-16-04

APPROVAL DATE

Canary - E.H.S. Copy

Pink - Owner's Co

Health Department's Copy

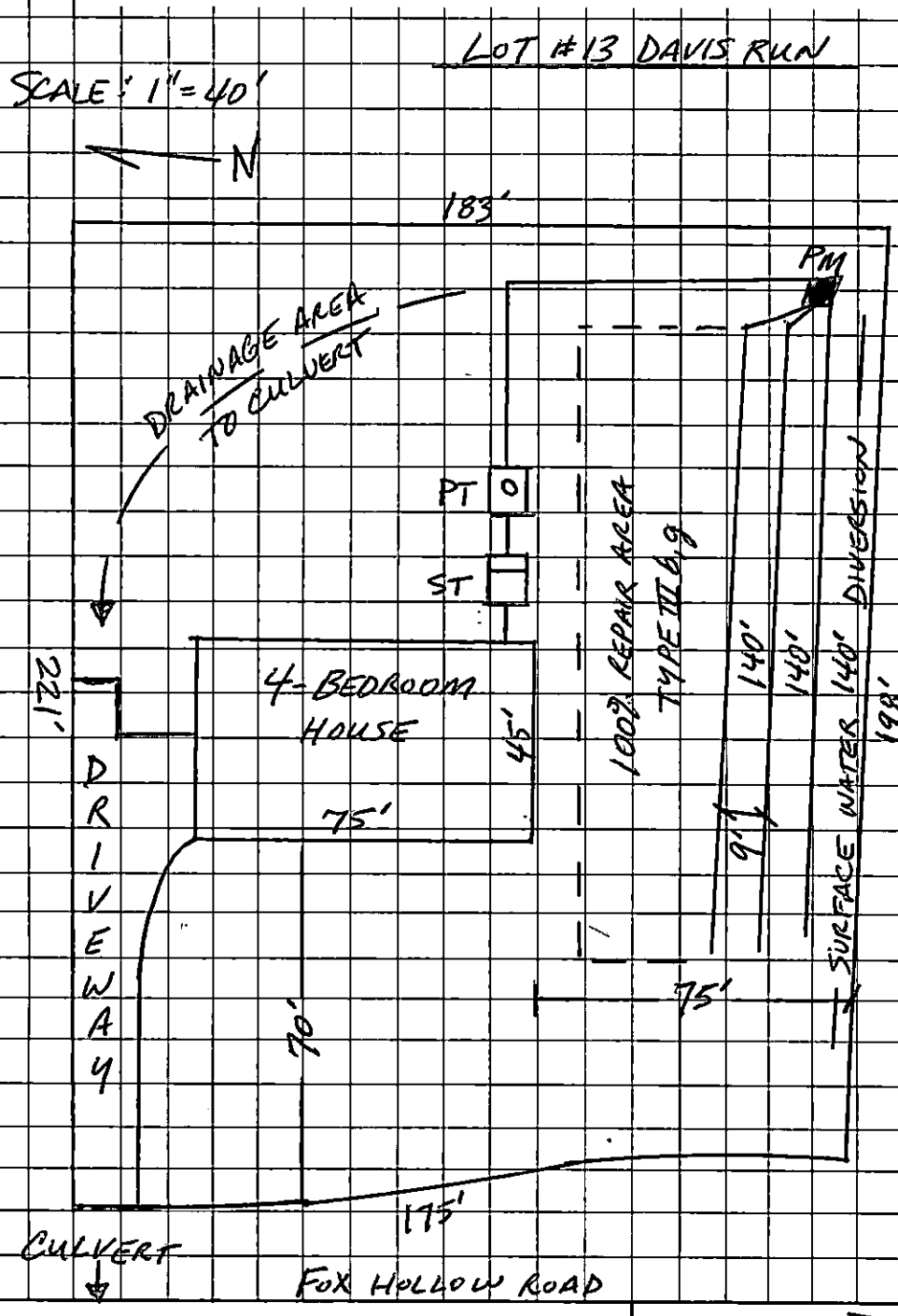
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PHONE (704) 336-5102

FILE: 197-021-39 P.O.

TC: 5669 B

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COMMENTS

- SYSTEM DESIGN FLOW = 480 GPD
- SITE LTAR = 0.3 GPD/FT²
- TYPE III b,g SEPTIC SYSTEM (PUMP TO INNOVATIVE)
- INSTALL 3 DRAIN LINES AT 140' x 3'
- INSTALL DRAIN LINES ON 9' CENTERS, LEVEL AND ON CONTOUR.
- 1500 GALLON SEPTIC TANK
- 1000 GALLON PUMP TANK
- PRESSURE MANIFOLD
- TYPE III b,g SEPTIC SYSTEM FOR REPAIR AREA.
- INSTALL SURFACE WATER DIVERSION ALONG RIGHT PROPERTY LINE.

SETBACKS

- 5' FROM HOUSE FOUNDATION
- 10' FROM ALL PROPERTY LINES.
- 100' (50' MINIMUM) FROM ALL PRIVATE WELLS.

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE 10-15-04

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

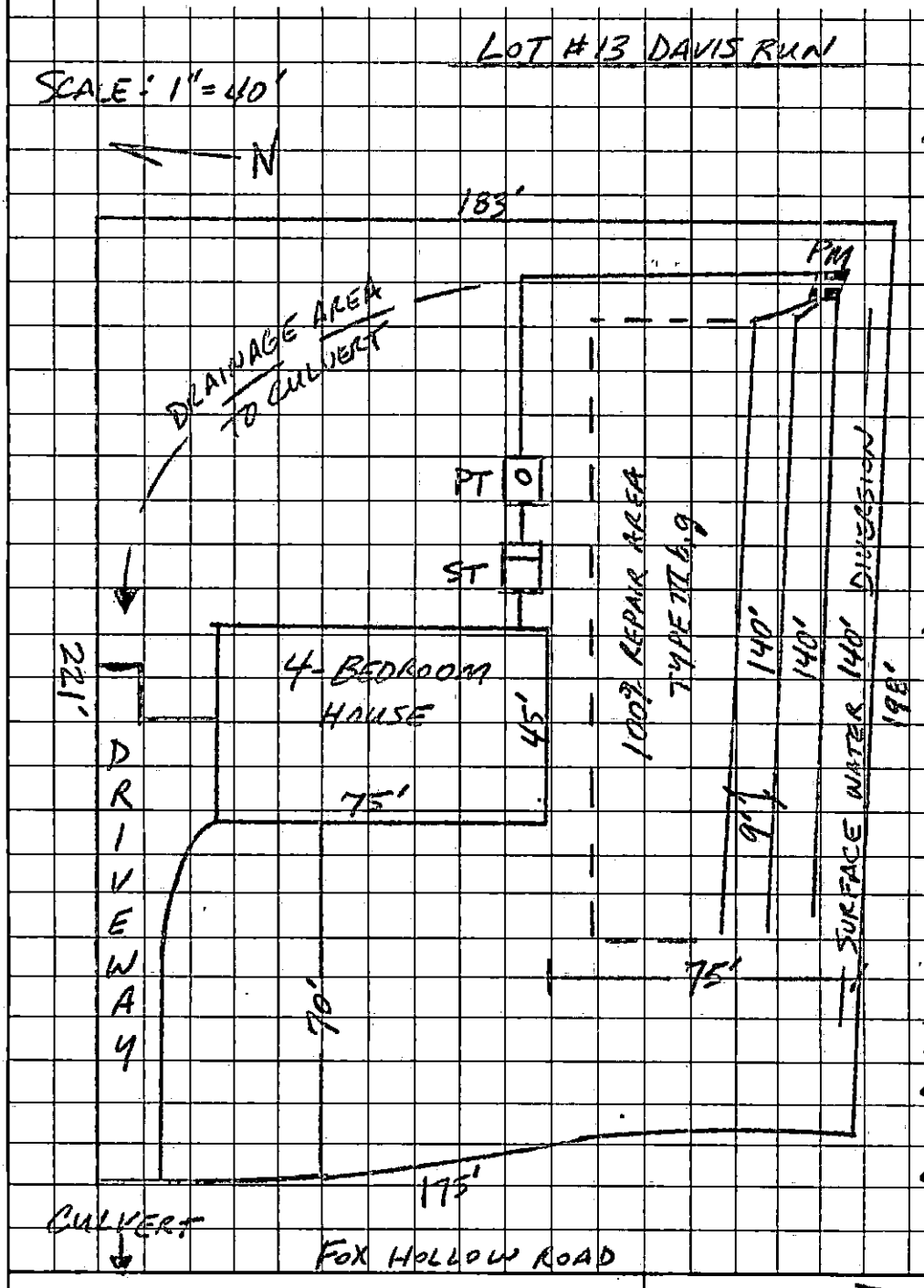
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FILE: 197-021-39 P.O.

TC: 5669 B

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



COMMENTS

- SYSTEM DESIGN FLOW = 480 GPD
- SITE LTAR = 0.3 GPD/FT²
- TYPE III 6.9 SEPTIC SYSTEM (PUMP TO INNOVATIVE)
- INSTALL 3 DRAIN LINES AT 140' x 3'
- INSTALL DRAIN LINES ON 9' CENTERS, LEVEL AND ON CONTOUR.
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- 1000 GALLON PUMP TANK
- PRESSURE MANIFOLD
- TYPE III 6.9 SEPTIC SYSTEM FOR REPAIR AREA.
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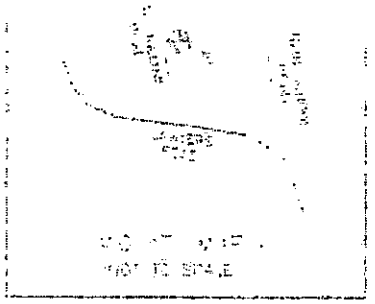
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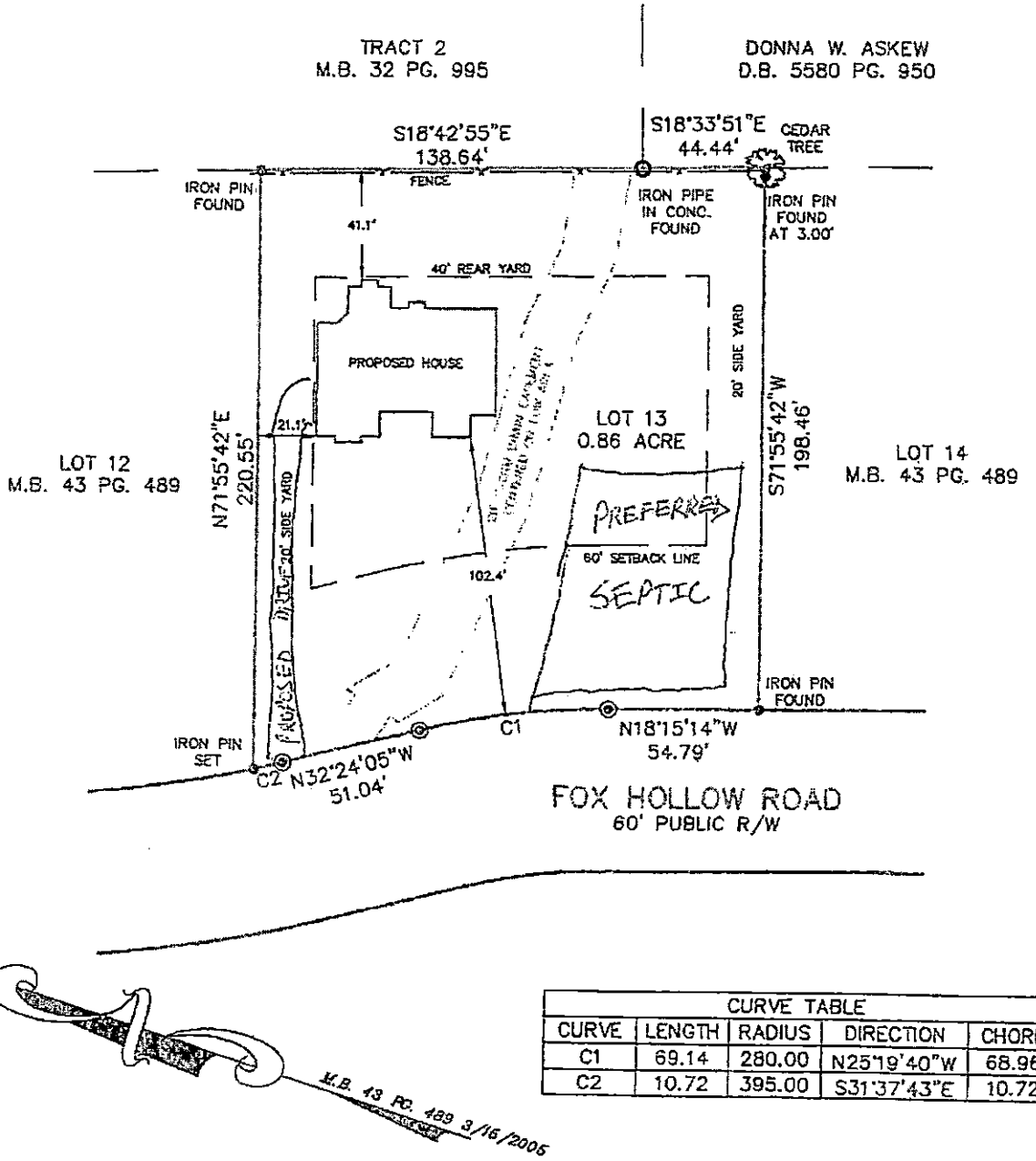
APPROVAL DATE [signature] 10-15-04

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy



- AREA BY COORDINATE METHOD
- THIS IS A SURVEY OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET
- THIS MAP IS NOT INTENDED TO MEET G.S. 47-30 AND IS NOT TO BE RECORDED AS A PLAT
- SUBJECT PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED EASEMENTS, RIGHT OF WAYS, SETBACKS AND/OR RESTRICTIVE COVENANTS NOT SHOWN HEREON

NORTH CAROLINA PROFESSIONAL SEAL L-3837 LAND SURVEYOR JOHN D. SKIDMORE III



M.B. 43 PG. 489 3/16/2005

CURVE TABLE				
CURVE	LENGTH	RADIUS	DIRECTION	CHORD
C1	69.14	280.00	N25°19'40"W	68.96
C2	10.72	395.00	S31°37'43"E	10.72

GRAPHIC SCALE

60 0 30 60

(IN FEET)
1 inch = 60 ft.

LEGEND

R/W = RIGHT OF WAY
⊕ = IRON PIN
○ = IRON PIPE
◎ = COMPUTED POINT
= UTILITY POLE
⊡ = CONCRETE MONUMENT
Ⓢ = SANITARY SEWER MANHOLE
Ⓓ = STORM DRAIN MANHOLE

PROPERTY LINE
ADJOINER LINE
RIGHT OF WAY
SEWER EASEMENT
STORM DRAIN EASEMENT
SETBACK LINE

PHYSICAL SURVEY

SURVEY DATE 12/19/15

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: PO 197-021-39
Lot #: 13
File #: ~~PO 197-021-39~~ 56698
Code: 2

ACS

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Russell J. Davis
Applicant:
Address: 12655 Lawyers Road, Charlotte, N. C., 28277
Date Evaluated: 9/1/2004
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: .69a
Location of Site: Fox Hollow Road
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-3	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
		3-45	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
		45-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-14	GR/CL	"	"	"	"	"	"
		14-50	SBK/C	FI/SEXP/S/P					
3	"	0-11	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		11-16	"	"					
		11-48	SBK/SC	FI/SEXP/S/P					
4	"	0-6	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		6-14	SBK/SCL	"					
		14-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	US	US
System Type(s)		
Site LTAR	.3GPD/FT	.3GPD/FT^2

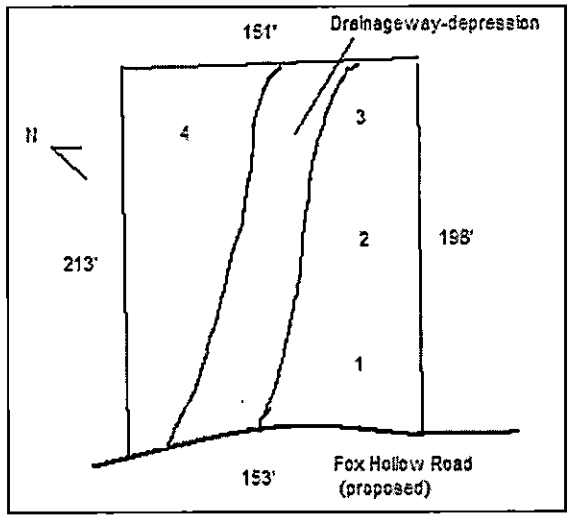
Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 9/3/2004, W. R. Marlin
Others Present:

COMMENTS:
100% repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Food Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace		CL-Clay Loam		
FP-Flood Plain		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



NEED OWNER

AGREEMENT

FORMS ON

FILE &



FEE: _____
DATE: _____

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

PERMIT NUMBER: 5669B
PARCEL NUMBER: 197-021-39 PO

JOB LOCATION ADDRESS: Lot #13 Fox Hollow Road
PROPERTY OWNER: Russell J. Davis
BUILDING CONTRACTOR: Unknown
SUBDIVISION NAME: Davis Run
AUTHORIZATION ISSUED BY: Trevor Thomason, R.S.I. DATE: 10/15/04

Trevor Thomason RSI 10-15-04
DENR/DEH AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 5669B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN *INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL* MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.

5. OTHER CONDITIONS:

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **5669B** Tax Number: **197-021-39PO**

- The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement: ☐ Yes ☒ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

0.30 Long-term acceptance rate (GPD/ft^2)	480 Max gallons/day wastewater flow	1260 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1500 Gallon septic tank	420 Total trench length (ft)	36 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
4 Bedrooms in residence	1000 Gallon pump tank	NA Depth of stone (in)	

Any surface water present: **No** Type: Minimum separation distance (ft):

Additional conditions: **Install drain lines level and on contour. Use pressure manifold for equal distribution. Install a surface water diversion along right property line. Owner agreement forms for an innovative type septic system must be on file prior to issuing an Installation Approval.**

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1260 Absorption Area (ft^2) 420 Total trench length (ft)	NA Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	36 Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage Treatment, and Disposal Systems in effect at the time of issuance of the permit and is subject to the following provisions:

*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This Improvement permit is transferable.

Tony Thomas RSI 10-15-04

DENR Authorized Agent Date Owner/Agent Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE: (704) 336-5103
FAX: (704) 336-6894

NC DENR
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FEE: 200.00

DATE: 1/29/04 JKA ✓

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

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___ WITH BASEMENT /NO PLUMBING

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WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

___ COMMUNITY (C)
___ SHARED WELL (S)
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___ OTHER 'SPRINGS' (O)
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BURIED CABLES, LANDFILLS, STUMPHOLES	___ YES ___ NO	WELL, SPRINGS OR WATERLINES	___ YES ___ NO
EXISTING WASTEWATER SYSTEMS	___ YES ___ NO	DESIGNATED WETLANDS	___ YES ___ NO
EASTMENTS OR RIGHT-OF-WAYS	___ YES ___ NO		

PROPERTY OWNER:

NAME: Davis (LAST) Russell (FIRST) J (MI)

ADDRESS: 12655 Carvers Rd.

CITY: Mint Hill STATE: NC ZIP: 8227

DAYTIME PHONE: 704 545-8667

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) ---

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

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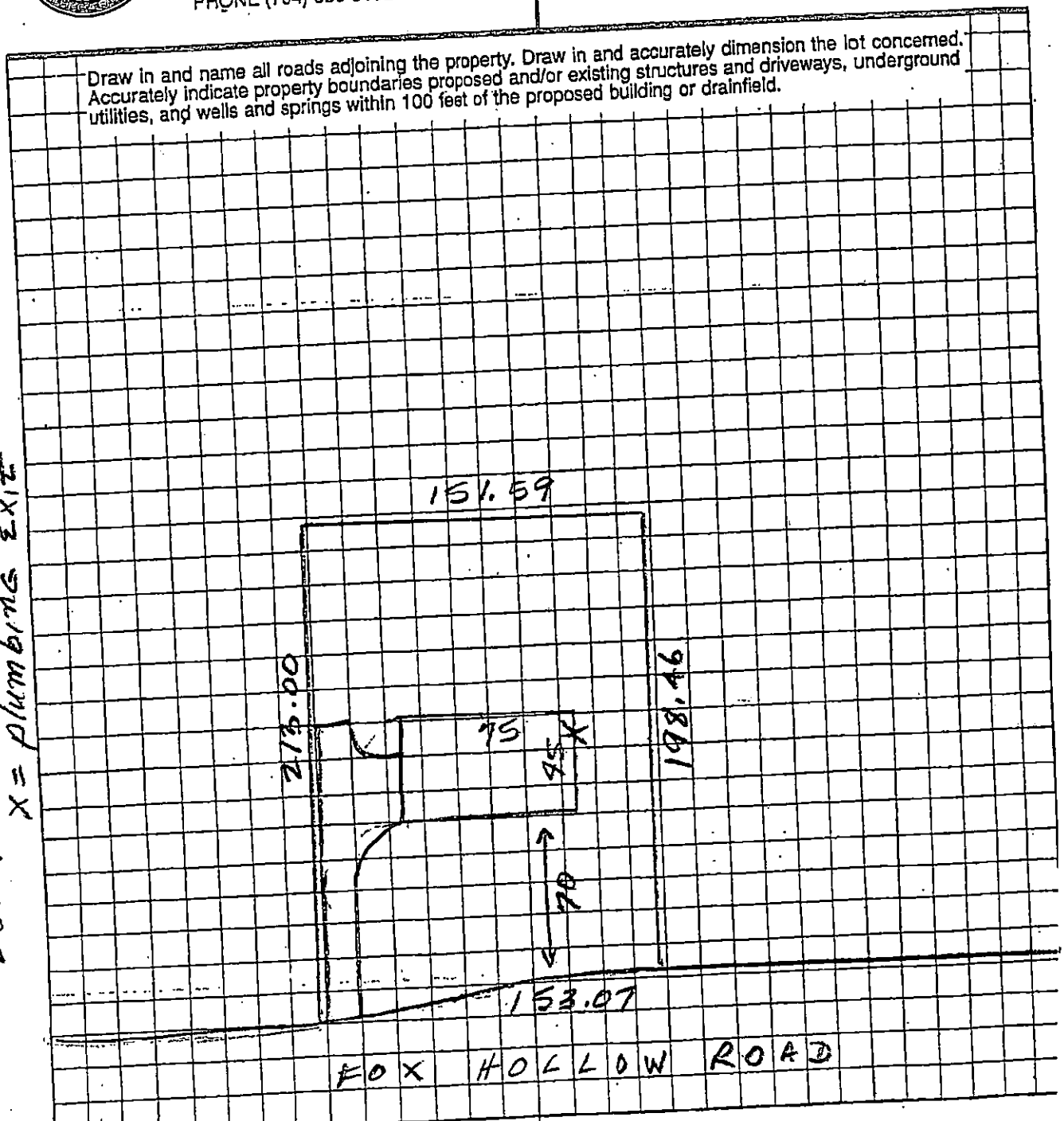
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FILE: 56698

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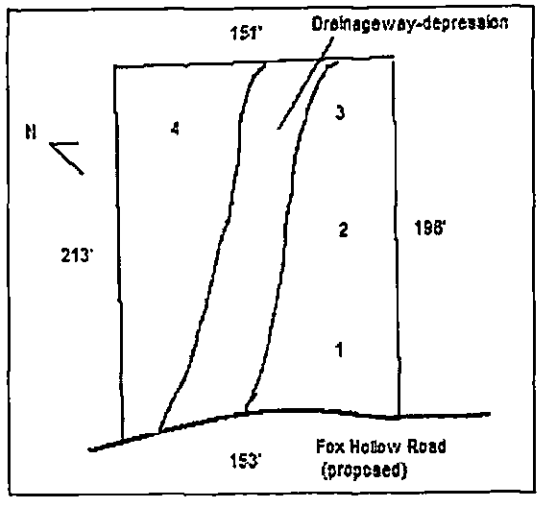
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Consistence Moist	Consistence Wet	Mineralogy
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Sketch of Soil Evaluation Locations



FEE: _____
DATE: _____

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PERMIT NUMBER: 5669B
PARCEL NUMBER: 197-021-39 PO

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BUILDING CONTRACTOR: Unknown
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AUTHORIZATION ISSUED BY: Trevor Thomason, R.S.I. DATE: 10/15/04

Tom Thomason RSI 10-15-04
DENR/DEH AUTHORIZED AGENT

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2. AN *INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL* MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.

5. OTHER CONDITIONS:

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: 5669B

Tax Number: 197-021-39PO

- The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement: ☐ Yes ☒ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

0.30 Long-term acceptance rate (GPD/ft^2)	480 Max gallons/day wastewater flow	1260 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1500 Gallon septic tank	420 Total trench length (ft)	36 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
4 Bedrooms in residence	1000 Gallon pump tank	NA Depth of stone (in)	

Any surface water present: No Type: Minimum separation distance (ft):

Additional conditions: Install drain lines level and on contour. Use pressure manifold for equal distribution.
Install a surface water diversion along right property line.
Owner agreement forms for an innovative type septic system must be on file prior to issuing an Installation Approval.

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1260 Absorption Area (ft^2) - 420 Total trench length (ft)	NA Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	36 Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage Treatment, and Disposal Systems in effect at the time of issuance of the permit and is subject to the following provisions:

*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This Improvement permit is transferable.

DENR Authorized Agent — Date: 10-15-04 — Owner/Agent Signature — Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE: (704) 336-5103
FAX: (704) 336-6894

NC DENR
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

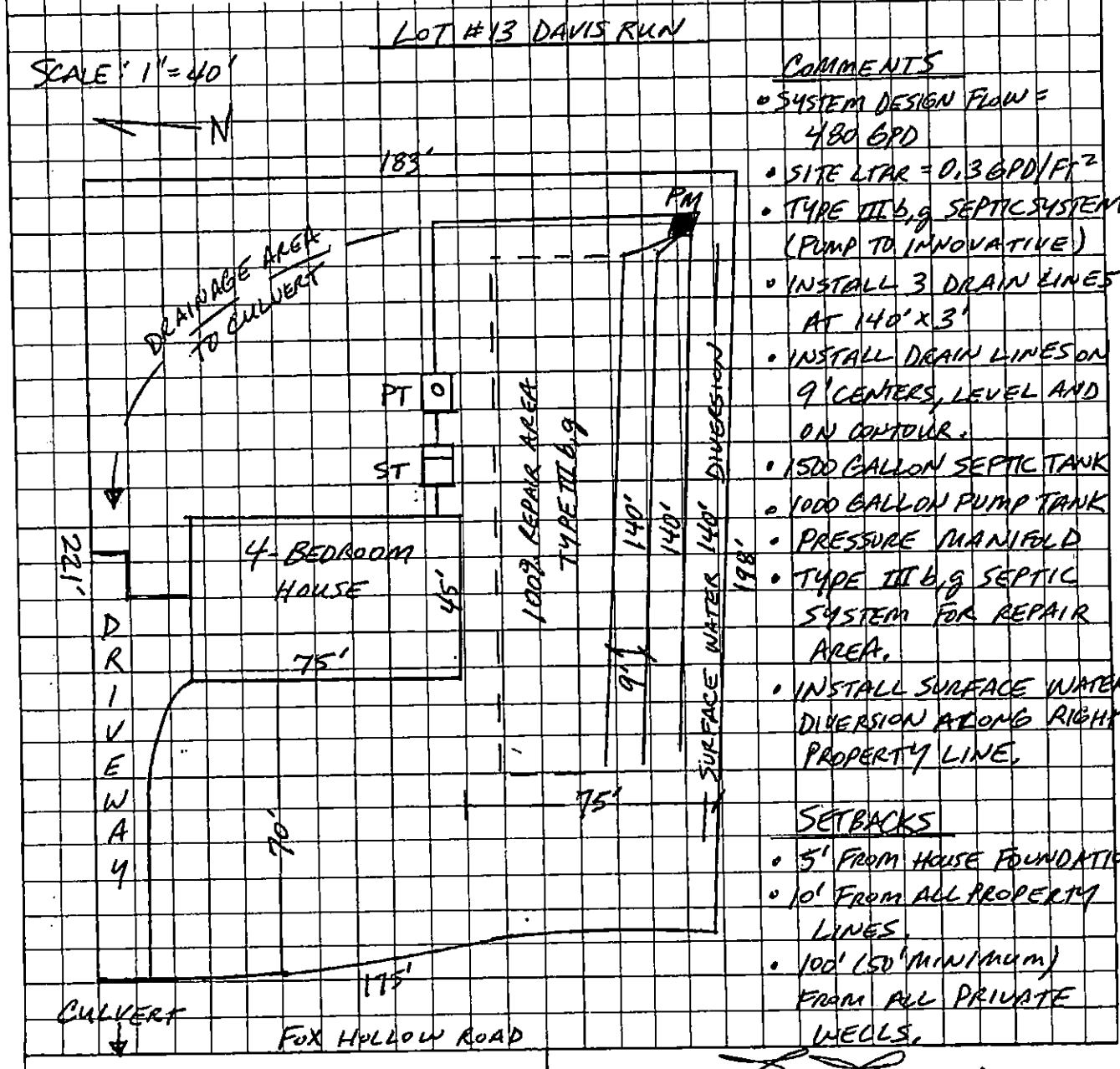
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 197-021-39 P.O.

TC: 5669 B

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



COMMENTS

- SYSTEM DESIGN FLOW = 480 GPD
- SITE LTAR = 0.3 GPD/FT²
- TYPE III b,g SEPTIC SYSTEM (PUMP TO INNOVATIVE)
- INSTALL 3 DRAIN LINES AT 140' x 3'
- INSTALL DRAIN LINES ON 9' CENTERS, LEVEL AND ON CONTOUR.
- 1500 GALLON SEPTIC TANK
- 1000 GALLON PUMP TANK
- PRESSURE MANIFOLD
- TYPE III b,g SEPTIC SYSTEM FOR REPAIR AREA.
- INSTALL SURFACE WATER DIVERSION ALONG RIGHT PROPERTY LINE.

SETBACKS

- 5' FROM HOUSE FOUNDATION
- 10' FROM ALL PROPERTY LINES.
- 100' (50' MINIMUM) FROM ALL PRIVATE WELLS.

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE [signature] RST 10-15-04

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

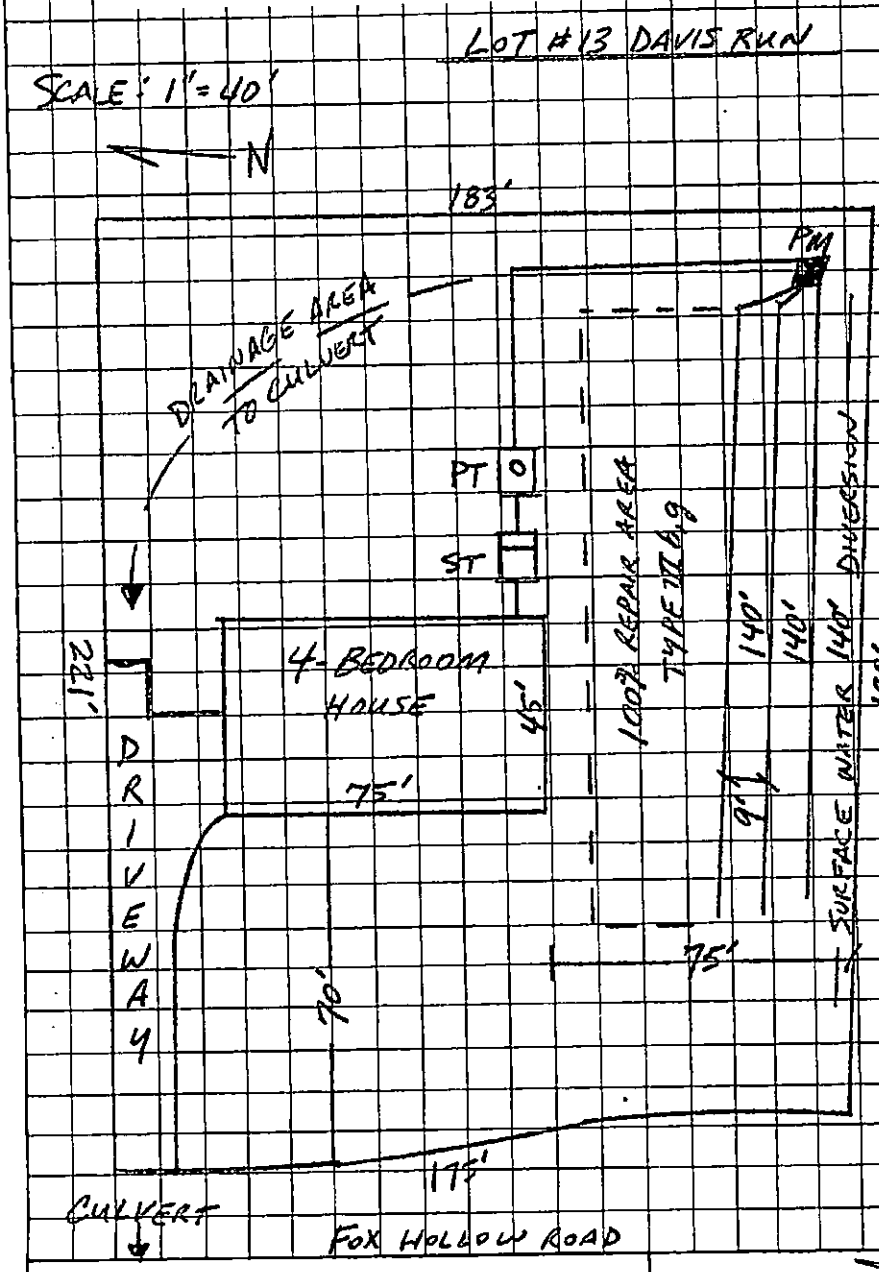
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FILE: 197-021-39 P.O.

TC: 5669 B

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



COMMENTS

- SYSTEM DESIGN FLOW = 490 GPD
- SITE LTAR = 0.3 GPD/FT²
- TYPE III b,g SEPTIC SYSTEM (PUMP TO INNOVATIVE)
- INSTALL 3 DRAIN LINES AT 140' x 3'
- INSTALL DRAIN LINES ON 9' CENTERS, LEVEL AND ON CONTOUR.
- 1500 GALLON SEPTIC TANK
- 1000 GALLON PUMP TANK
- PRESSURE MANIFOLD
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OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE RSI 10-15-04

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: PO 197-021-39
Lot #: 13
File #: ~~PO 197-021-39~~ 5669B
Code: 2

AJCS

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Russell J. Davis
Address: 12655 Lawyers Road, Charlotte, N. C., 28277
Proposed Facility: Residence Design Flow (.1949): 480gpd
Location of Site: Fox Hollow Road
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

Applicant:
Date Evaluated: 9/1/2004
Property Size: .69a
Property Recorded:

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	LS, 8	0-3	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
		3-45	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
		45-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-14	GR/CL	"	"	"	"	"	"
		14-50	SBK/C	FI/SEXP/S/P					
3	"	0-11	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		11-16	"	"					
		11-48	SBK/SC	FI/SEXP/S/P					
4	"	0-6	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		6-14	SBK/SCL	"					
		14-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	US	US
System Type(s)		
Site LTAR	.3GPD/FT	.3GPD/FT^2

Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 9/3/2004. W. R. Marlin
Others Present:

NEED OWNER

AGREEMENT

FORMS ON

FILE.

TCT