

1/9/2008

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

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PROPOSED PLOT PLAN

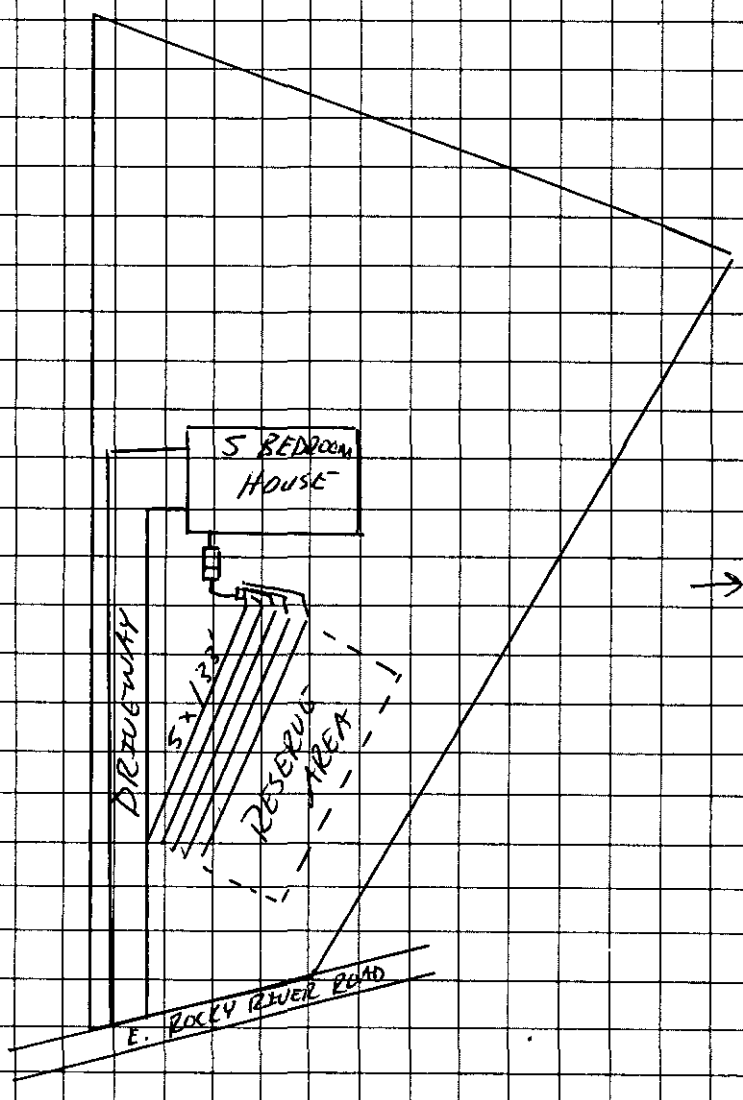
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 60798

TC: PO. 003-081-03

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 #2 E. Rocky River Road



Comments:

→ System designed for a 5 Bedroom House

→ 1500 gallon septic tank

→ Install 5 lines x 133' x 12" Stone

→ (667 TLF)

→ Type II Conventional system + Reserve

→ A survey of lot will need to be submitted prior to Construction Authorization

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE Tommy Mullis, R.S.

8/19/05

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 003-081-03
Lot #: 2
File #: 6079B
Code: 1

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Henry Atwell
Applicant: Danny Edwards
Address: 15701 E. Rocky River Road, Davidson, N. C. 28036
Date Evaluated: 8/4/2005
Proposed Facility: Residence
Design Flow (.1949): 480gpd
Property Size: Approx. .5a inv.
Location of Site: E. Rocky river Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] 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	0-5	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	N/A	NONE	PS, IV
		5-48	SBKABK/C	FI/SEXP/S/P					.3GPD/FT^2
2	"	0-4	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		4-48	SBKABK/C	FI/SEXP/S/P					
3	"	0-4	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		4-21	SBK/CL	"					
		21-48	SBK/ABK/C	FI/SEXP/S/P					
4	"	0-9	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		9-48	SBK/ABK/C	FI/SEXP/S/P					

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

Other Factors (.1946):
Site Classification (.1948): PROVISONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 8/8/2005, W.R. Marlin
Others Present:

COMMENTS:
100% repair

Landscape Position	Group	Texture	.1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Food Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope		SICL-Silty Clay Loam	
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	

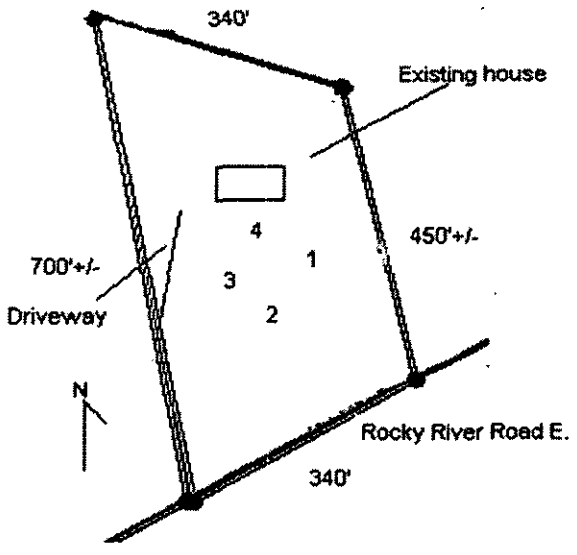
Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

Consistence
Moist
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence
Wet
NS-Non-Sticky
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

Mineralogy
SEXP-Slightly Expansive
EXP-Expansive

Sketch of Soil Evaluation Locations



NOTE: OWNER TO VERIFY ALL SETBACKS & ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
PHILLIP HARRIS, PLS #4164
4837 NORTH HIGHWAY #16
P. O. BOX 494 DENVER, N.C. 28037
(704) 483-4908

TRACTS CUT FROM DEED 14081 PAGE 610

PARCEL ID #00308103

SUE A. BEAM
10519/479

1" PIPE
2.42'

2.42'

182.37'

#4 PIN

RUNNEYMEADE PHASE II HOMEOWNERS ASSN.
SEE DEED 10854 PAGE 737

265.13'

#4 PIN

S 72°03'19"E 1255.10'

806.53'

SUE A. BEAM
10519/479
PB 27-266

N 08°28'27"W 436.42'

438.84'

H.D. WALKUP
9481/146
PB 27-266

#5 REBAR

N 08°28'46"W 236.27'

N 09°02'00"W 288.40'

N 09°05'38"W 657.11'

847.16'

N 03°10'40"W 508.66'

665.88'

123.66'

#4 PIN

157.67'

#4 PIN

33.66'

59.03'

S 60°16'35"W

225.31'

S 60°33'56"W

179.43'

S 59°54'32"W

32.38'

#4 PIN

183.11'

S 59°57'36"W

12.54'

#4 REBAR

N 632194.90
E 1468793.12

TIE TO USGS MON. M006
453.20'
N 32°28'W

R/W

C/L

R/W

E ROCKY RIVER ROAD 60' R/W

1
3.562 AC.+-

EXISTING HOUSE

2
3.519 AC.+-

3
6.441 AC.+-

SUE A. BEAM
9481/148
PB 27-266

KATHY BEAM
5794/399
PB 22-457

TIE ONLY
N 32°15'17"E
10.00'

#4 PIN

10.00'

S 37°17'47"E 157.77'

211.24'

#4 PIN

RAY H. BARBEE
18592/951

ROCKY RIVER

S 80°44'59"W 90.09'

N 87°11'59"W 85.50'

97.74'

N 83°46'52"W

88.02'

N 81°32'51"W

43.47'

#4 PIN

TIE ONLY
S 80°15'09"E
239.87'

NAIL OVER CULVERT

S 63°33'55"W 58.65'

S 69°18'31"W 79.47'

142.42'

S 61°46'12"W

NORTH CAROLINA
PROFESSIONAL
SEAL
L-3762
LAND SURVEYOR
DAVID CHARLES POOVEY

DEDMON SURVEYS

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **6079B** Tax Number: **P.O.00308103**

- 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:

0.3 Long-term acceptance rate (GPD/ft^2)	600 Max gallons/day wastewater flow	2000 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1500 Gallon septic tank	667 Total trench length (ft)	30 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
5 Bedrooms in residence	NA Gallon pump tank	12 Depth of stone (in)	

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

Additional conditions:

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:

2000 Absorption Area (ft^2) 667 Total trench length (ft)	12 Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	30 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.

Jerry Medlock 8/19/05

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

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

Sheet: 1 of 2
Property ID # PO 003-081-03
Lot #: 2
File #: 6079B
Code: 1

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Henry Atwell
Address: 15701 E. Rocky River Road, Davidson, N. C. 28036
Proposed Facility: Residence Design Flow (.1949): 480gpd
Location of Site: E. Rocky river Road
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Danny Edwards
Date Evaluated: 8/4/2005
Property Size: Approx. .5a inv.
Property Recorded:

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
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System Type(s)		
Site LTAR	.3GPD/FT	.3GPD/FT^2

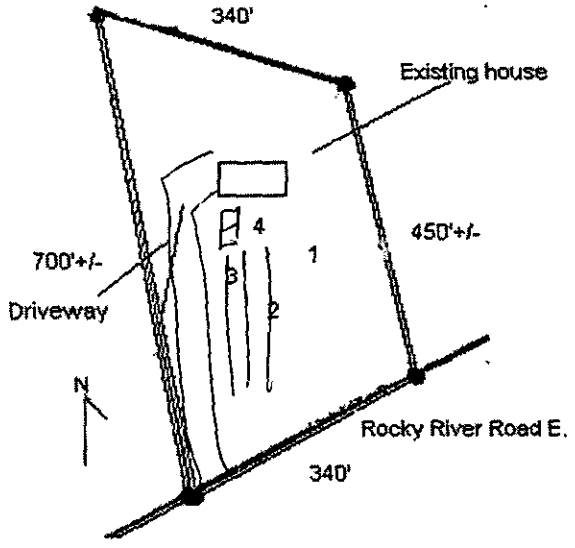
Other Factors (.1946):
Site Classification (.1948): PROVISONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 8/8/2005. W R Marlin
Others Present:

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
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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



SEPTIC FEE: 200.00
DATE: 11/26/05
CRT [ ] Check 1248

PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION FOR ON-SITE WASTEWATER SYSTEM NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

FILE # 60798

WELL FEE:
DATE:
CRT [ ]

SEPTIC / TYPE APPLICATION: ☐ NONE ☑ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

WELL / TYPE APPLICATION: ☐ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION:

TAX/PARCEL #: 003 081-03P0
STREET ADDRESS: [illegible] Rocky River Rd. E
CITY: Davidson
STATE: NC ZIP: 28036
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #: 2
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☐ 5-MATTHEWS
☑ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☐ 7-MINT HILL

BUILDING INFORMATION:

TYPE OF BUILDING:

☐ SINGLE MOBILE HOME (S) ☐ MODULAR HOME (M)
☐ DOUBLE WIDE (D) ☐ MULTIPLE FAMILY (U)
☑ HOUSE (H) ☐ OTHER

HEATED SQUARE FOOTAGE:
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

☐ CONCRETE SLAB ☑ BASEMENT WITH PLUMBING
☑ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:
NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☐ NO – NA – TYPE:

WATER SUPPLY:

☐ MUNICIPAL (M) ☐ PUBLIC (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	WELLS, SPRINGS, OR WATER LINES	☑ YES	☐ NO
EXISTING WASTEWATER SYSTEMS	☑ YES	☐ NO	DESIGNATED WETLANDS	☑ YES	☐ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☑ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☑ NO

PROPERTY OWNER:

NAME: Henry Atwell
ADDRESS: Same as property
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Century 21 Hecht . (Danny Edwards
ADDRESS: 19300 Statesville Rd
CITY: Cornelius
STATE: NC ZIP: 28031
HOME PHONE: ~~704~~ WORK PHONE: 704-996-0117
MOBILE PHONE: FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? Sept 20th 2005

*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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature Date

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

*A Well 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202 704-336-5103 / FAX: 704-336-5394

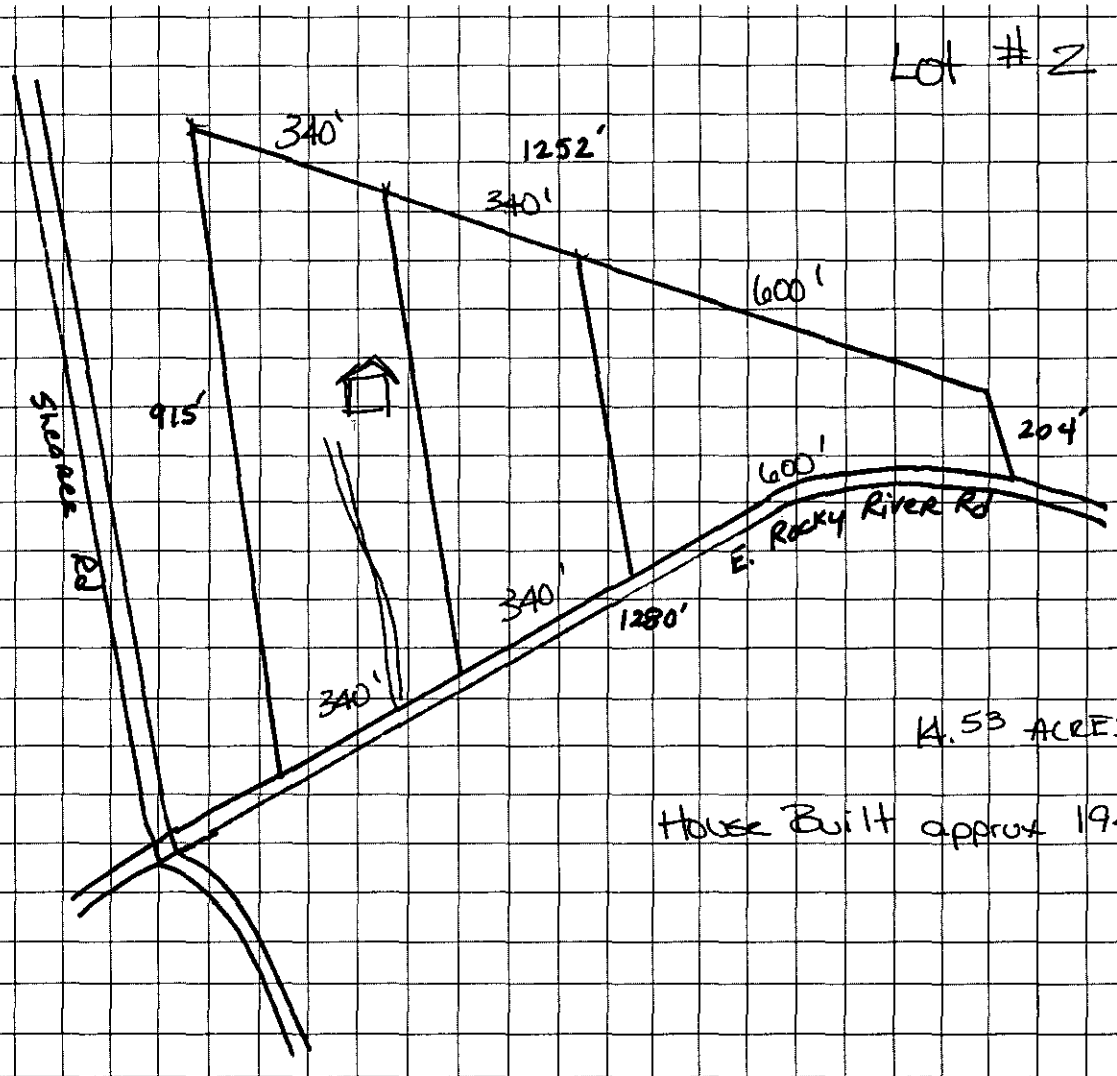
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: 60798

TC: _____

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.



APPROVAL DATE _____

OWNER/AGENT SIGNATURE

DATE

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

Century 21
Hecht Realty, Inc.
19300 Statesville Rd, Suite 200
Cornelius, North Carolina 28031
Business (704) 892-6556 Ext. 211
Fax (704) 892-5307
Toll Free 1-888-228-7003
Website www.WeSellLakeNorman.com



Tea-
2004



Jay Lopp & Lauren Sisson
(704) 650-4019, (704) 996-7271
JLopp@c21hecht.com
LSisson@c21hecht.com

Renee White has my permission to have 3 perk tests on my property at 15701 Rocky River Rd. I have power of attorny for my father Henry Atwell.

X Shirley Christy 7-26-05

Shirley Christy

Need Authorization for Const.

Need Survey