

7904 SILVER MAPLE LN

19719119

1/4/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

CHARLOTTE-MECKLENBURG BUILDING STANDARDS
ONE/TWO FAMILY PERMIT

ADDR ADDR: 7904 SILVER MAPLE LN MECK JOB: B001 PERMIT: B1000884
PARCEL: 19719199PO DATE: 01/25/01 JOB: DPLX/P R/ALSO10911ANNIE O MASTER: B1000884
PROJECT: PLEASANT VALLEY PHASE: SEC: PROJECT: 966853
OWNER: J. EDWARD SHIRLEY ADDR: 6701 TREE HILL RD
CITY/ST: MATTHEWS NC 28104 PHONE: 704-821-6172

SITE LOT/BLK: 26 / ZONING: R JURIS: MINT MAP#: 119 HOUSING: NO
PT R/W: 60 PUBLIC: NO CENSUS: 5761 O&D ZONE: 297 FIRE DIST: NO
SPECIAL: FLD PLN: NO FLD ELEV:
#UNITS: 2 WATER: INDIVIDUAL SEWER: INDIVIDUAL
LAND AREA: 48941 LOT: PRT ST:
MIN SETBACKS FRONT: 60 LEFT: 20 RIGHT: 20 REAR: 50 REQ PARKING:

PROP USDC: 103 OCC TYPE: R FSA CODE: CONSTR TYPE: 6 #H/C UNITS:
HTD AREA: 3104 UNHTD AREA: 910 DECK: #STORIES: 1.0 BASEMENT: NO
#ROOMS: 11 #BEDROOMS: 4 #BATHS: 2.0 SPKLR SYS: NO #UNITS: 1
ATT CARPORT: NO ATT GARAGE: YES MASONRY FR: NO PROJ COST:
MBL HOME YR/MAKE: SERIAL#:

ELEC TOTAL AMPS: 400 #CIRCUITS: 40 UTILITY CO: UNION ELECTRIC
#CONNECTIONS 120 V: 120 > 120 V: 4 TYPE OF WORK: NEW SERVICE

MECH #GAS CONNECTIONS: 4 #APPLIANCES: 2 UTILITY CO: PIEDMONT NATL GAS
TYPE OF WORK: HEATING WITH A/C
HEATING/COOLING: CENTRAL A-C GAS/OIL/FURN

PLBG #FIXTURES: 9 #APPLIANCES: 4 WORK: NEW WATER SERVICE NEW SEWER SERVICE

CONT BLDG: SHIRLEY J EDWARD CONSTR INC LIC: B 0000031370 1 B PERMIT: B1000884
ADDR: 6701 TREE HILL RD CITY/ST: MATTHEWS NC 28105
PHONE#: 704-821-6172
ELEC: SOMERS ELECTRIC COMPANY LIC: E 0000020683 L PERMIT: E1000885
ADDR: 9818 MILL GROVE RD CITY/ST: INDIAN TRAIL NC 28079
PHONE#: 704-753-4926
MECH: MEDLIN RICKY HEATING & A/C PERMIT: M1000886 M1 6934912
ADDR: 6616 HWY #205 CITY/ST: MARSHVILLE NC 28103
LIC: M 0000013346 1
PHONE#: 704-385-9977
PLBG: LIBERTY PLBG & PIPING INC LIC: P 0000008975 1 P PERMIT: P1000887
ADDR: P O BOX 23172 CITY/ST: CHARLOTTE NC 28227
PHONE#: 704-882-2818
ARCH/ENG: LIC: PHONE#:
ADDR: CITY/ST:

COST BLDG: 206576 ELEC: 5900 MECH: 7500 PLBG: 7900 TOTAL: 227776
FLAME: NO INSP READY: NO
REMARKS: A14-964835

PERMIT MAILED: NO CHECK NUMBER: HOMEOWNR RC FEE: 5.00
VALIDATION DATE: 05/03/01 BY: JKA CHARGE ACCT#: X33065 DOUBLE FEE: NO
FIRE DMG FEE: WATER FEE: ADJUSTMENT: TOTAL FEE: 1433.69

THIS PERMIT WILL EXPIRE IF WORK EITHER HAS NOT STARTED WITHIN 6 MONTHS OR IS DISCONTINUED FOR A PERIOD OF 12 MONTHS. NO REFUNDS WILL BE GIVEN AFTER EXPIRATION.

P O BOX 31097 700 N TRYON ST CHARLOTTE, NC 28231-1097 704-336-3830

TOTAL P.02

Address changed on project from 7914 to 7904 Silver Maple Lane

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 4525B DATE: 10/4/01

TC: 197-191-~~99~~ 18 ☒ L ☒ CRT

SERIAL Nº 18774

Name of Owner ED Shirley Juris.:

Address of Property 7914/7904 Silver Maple Lane

Inspection Data:

Tank Material PCC

Total Length of Drainfield 480'

Number of Lines 4 @ 120'

Cover Depth 12"

Water Supply Source Private well

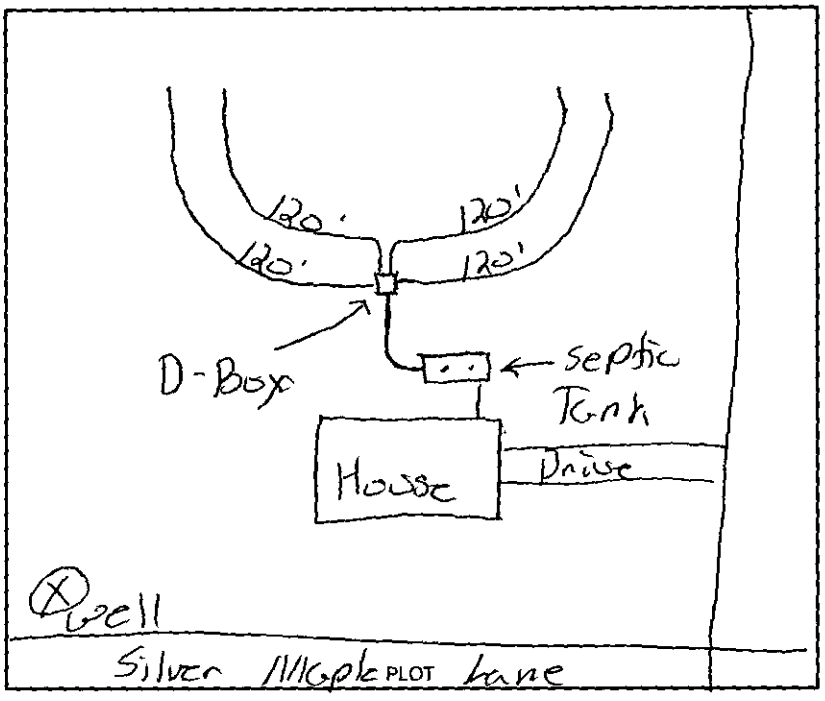
Distance to Water Source >50'

Excavation Inspected 10/4/01

Tank(s) Inspected 10/4/01

Wash Line Inspected N/A

High Water Alarm Inspected N/A



Design 2001, 1440SFT, 1500ST, Innovative system, Cecil CTR# Norwood

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☒ installed or constructed ☐ altered or repaired

☐ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of I5A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☐ Certificate of Completion ☒ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of I5A NCAC 18A. 1990 in addition to those listed below under "COMMENTS." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the suspension/revocation of this permit.

COMMENTS: Innovative system (eee-zzz bay), 1500 ST

Brenda Sowers RSI
Environmental Health Specialist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

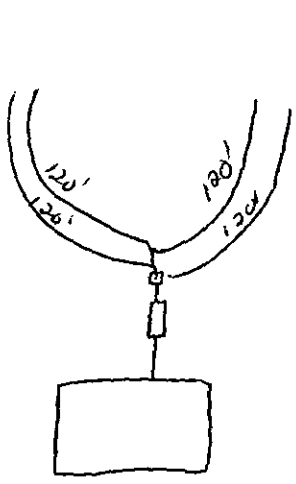
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 4525B DATE: 97401

TC: 197-191-18-44 ☐ L

SERIAL Nº 18822 X

Permission is hereby given to _____ Install or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 1-22-01. All work shall be completed on or before _____, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



SILVER MAPLE LANE

PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank _____ gallons

Tank Construction PCC

Trench Depth SEE PLAN (14")

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous YES

Total Line Length 480 feet

Number of Lines 4

Depth of Stone NA inches

Distance from House 5' feet

Distance from Property Line 10' feet

Distance from Well >100' feet

NOTICE: This system shall not be installed while soils are in a wet condition.

NAME OF OWNER ED SHIRLEY

LOCATION OF PROPERTY 7904 / 7914 SILVER MAPLE LANE

Comments: (1) CONTRACTOR RECEIVED PERMISSION FROM SOIL SC REP. WENDEL OVERBY TO INSTALL 1" EB 22 FLOW"

Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

on Act X33065

FEE: 300 **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: 5/3/01 gc **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 5-2-01 PERMIT NO: 4525B
PARCEL NO: 197-191-99 18

JOB LOCATION ADDRESS: 7914 SILVER MAPLE LANE
PROPERTY OWNER: BILL PLEASANTS
BUILDING CONTRACTOR: ED SHIRLEY
SUBDIVISION NAME: PLEASANT VALLEY
AUTHORIZATION ISSUED BY: _____ DATE: 5-2-01
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 4525B, 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 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 AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: (1) REQUIRES AGREEMENT FORMS - Given to Rep for Bldr 5/3/01 JW

OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

X Jerry McManus 5/4/01
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

MECKLENBURG COUNTY HEALTH DEPARTMENT
Environmental Health Fees

Requestor (please print): TERRY McMANUS Phone #: 704-821-6172 Date Requested: 5/4/01 Date Filled: 5/4/01

Account Name: T. Edward Shirley Const. Inc Cash Charge Account No.: 33065

I certify that I am authorized to charge this account for this service:

Signature: Terry McManus Printed Name: TERRY McMANUS Date: 5/4/01

T.C.	Qty	Description	Unit Cost	Total Cost
0701		Improvement Permit Application - Residential	$ 200.00	
0735		Improvement Permit Application - Commercial	$ 400.00	
0702		Optional Site Evaluations	$ 100.00	
0703	1	Installation and Final Approval	$ 150.00	150
0704		Change in Plot Plan	$ 100.00	
0705		MH Exc/Add/Repl without System Modification	$ 100.00	
0706		MH Exc/Add/Repl with System Modification	$ 300.00	
0707		Site Consultation Visit	$ 100.00	
0734	1	Authorization for Wastewater System Construction	$ 150.00	150
0708		Realty Closing - Conventional	$ 85.00	
0709		Realty Closing - FHA with water	$ 135.00	
0710		Additional Trips	$ 65.00	
0711		Well Water Analysis-Bacteriological with regular parameters	$ 50.00	
0712		Well Water Analysis -Nitrates and Nitrites	$ 15.00	
0714		Well Water Analysis - Organic Analysis	$ 200.00	
0715		Admin. Fee - Field Activity Letter	$ 25.00	
0718		Residential Pool Permit	$ 50.00	
0719		Public Pool Permit - operating	$ 240.00	
0720		Seasonal Pool Permit - operating	$ 120.00	
0736		Pool Late Fee	$ 120.00	
0733		Permit to Construct a Public Pool	$ 200.00	
0721		Home Day Care Evaluation and Permit	$ 70.00	
0722		Home Day Care Evaluation and Annual Fee	$ 40.00	
0723		Eval and Report Non-Permit Facility	$ 50.00	
0724		Private Pool Testing	$ 15.00	
0731		Garbage Hauler Permit - (1-9 vehicles)	$ 30.00	
0736		Garbage Hauler Permit - (each over 9)	$ 20.00	
0725		Document Copies	$ 0.05	

Payment received by: Date: 5/3/01 Total: 300.00

7914 Silver Maple Ct

4/2000

White-AUDIT Canary-CUSTOMER Pink-DIVISION

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: 4525B

Tax Number: 197-191-99 P0 18

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	X No	___ Partial Basement	
Type Primary Wastewater System Type (circle one): I II (III) IV V VI	___ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	X Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
.25 Long-term acceptance rate	480 Max gallons/day wastewater flow	1920 Absorption Area (sq ft)	9' Trench spacing (min. on centers)	
YES Serviced by private well	1500 Gallon septic tank	480 Total trench length (ft)	14" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)	
4 Bedrooms in residence	___ Gallon pump tank	NA Depth of stone		
Any surface waters present:	Type:	Minimum separation distance:		
Site modifications required:				
Additional Conditions: ① SEE SUBMITTED PLAN ② REQUIRES AGREEMENT FORMS ACKNOWLEDGING AN ALTERNATIVE INSTALLATION.				
Repair Area System Type Type (circle one): I II (III) IV V VI	___ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	X Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
1920 Absorption Area (Sq ft) 480 Total Trench Length (Ft)	NA Depth of Stone Trench	9' Trench spacing (min. on centers)	14" Maximum Trench Depth	
For existing system, enter the year originally installed:				

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. This approval is granted in accordance with the provisions of Laws and Rules For Sewage, Treatment and Disposal 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.

DEHNR Authorized Agent — Date 5-2-01

X Larry McManus — Owner/Agent Signature — Date 5/4/01

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

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

IWWS-100125

Rec'd Cash $200-

FEE: $200-

DATE: 11/22/01 ✓

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 #: 4525B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION: 18

TAX/PARCEL NUMBER: 197-191-99 PO

STREET ADDRESS: 7914 SILVER MAPLE LN.

SUBDIVISION OR MOBILE HOME PARK NAME: PLEASANT VALLEY

LOT NUMBER: 27

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 3104

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS: 3

FOUNDATION FOR RESIDENCE:

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

TOWNSHIP (CHECK ONE):

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

CLOSING DATE 6/1/01

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

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

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

PROPERTY OWNER:

NAME: PLEASANTS Bill J.
(LAST) (FIRST) (MI)

ADDRESS: 10107 Annie Oakley Trail

CITY: Charlotte STATE: N.C. ZIP:

DAYTIME PHONE: ( ) –

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Shirley Ed
(LAST) (FIRST) (MI)

DAYTIME PHONE: (821-6172

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 11/22/01

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: J. Edward Shirley DATE: 11/22/01

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

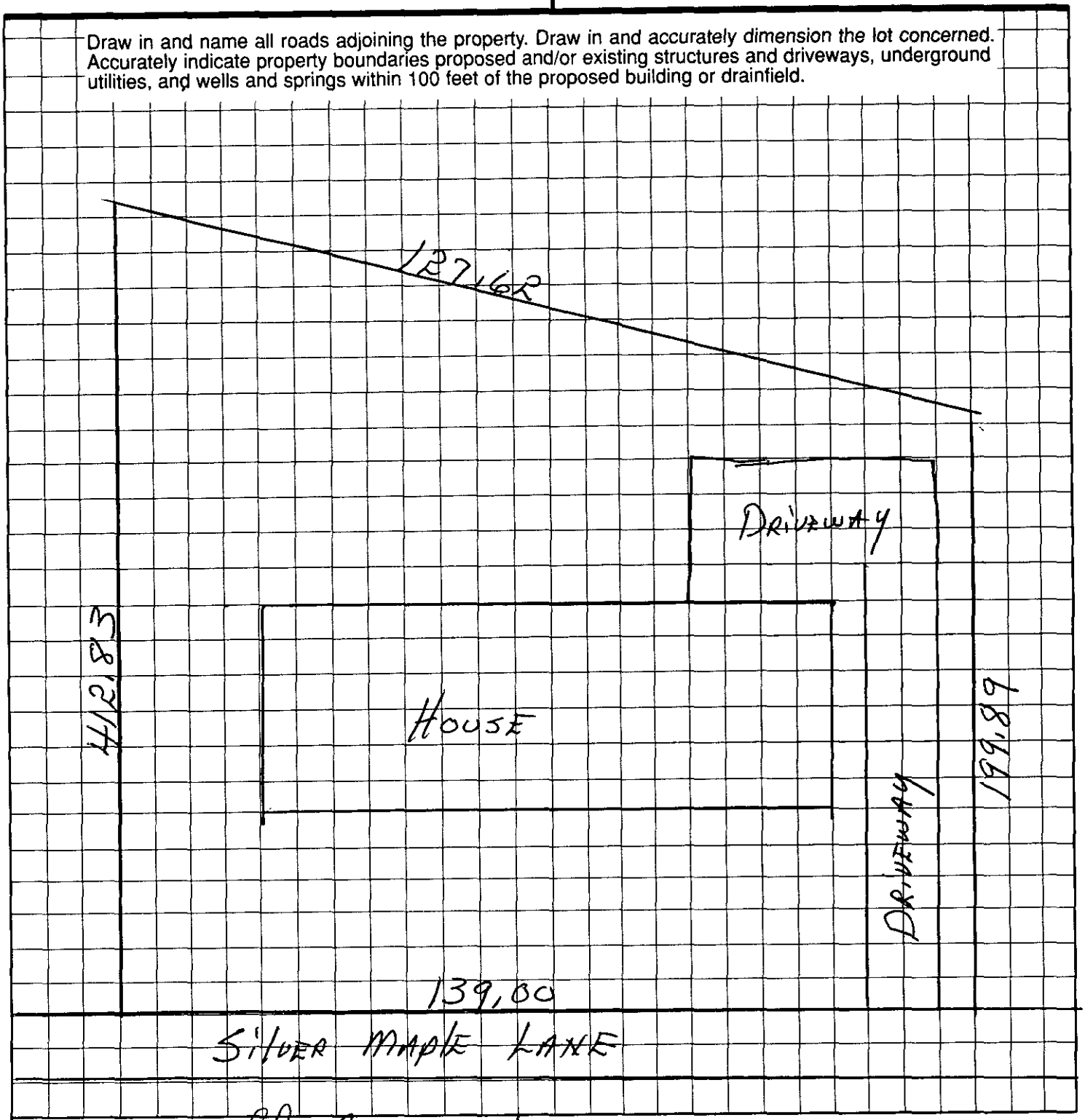
PROPOSED PLOT PLAN

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

FILE: 4525B.

TC: 197-191-99PO

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.



J. Edward Shirley
OWNER/AGENT SIGNATURE

DATE 11/24/01

APPROVAL DATE _____

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

MECKLENBURG COUNTY HEALTH DEPARTMENT
Environmental Health Fees

J. EDWARD FIRST CONSTRUCTION INC				
Requestor (please print):	Phone #:	Date Requested: 1/22/01	Date Filled:	
Account Name:	Cash	Charge	Account No.:	
I certify that I am authorized to charge this account for this service:				
Signature:	Printed Name:		Date:	

T.C.	Qty	Description	Unit Cost	Total Cost
0701	1	Improvement Permit Application - Residential	$ 200.00	200
0735		Improvement Permit Application - Commercial	$ 400.00	
0702		Optional Site Evaluations	$ 100.00	
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0731		Garbage Hauler Permit - (1-9 vehicles)	$ 30.00	
0736		Garbage Hauler Permit - (each over 9)	$ 20.00	
0725		Document Copies	$ 0.05	
Payment received by:		Date:	Total:	200

7914 Silver Maple LN.

4/2000

White-AUDIT Canary-CUSTOMER Pink-DIVISION

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969

FOR REGISTRATION JUDITH A GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
2001 JUL 05 02:33 PM
BOOK:12417 PAGE:851-854 FEE:$12.00
INSTRUMENT # 2001110246

FILE # 4525B
PARCEL # 197-191-89

The undersigned, William J. Pleasants, owner of property located at [redacted] 7904 Silver Maple Lane, (the "site") and described in an instrument recorded in Book 34 at Page 799, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (the "Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data, and other information which indicate to the Department that the septic tank system proposed by the undersigned is allowed by the rules; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, and that neither the Department nor its officials, employees, or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further acknowledges that the following conditions will apply to the site:

- Any changes on the property may make the Improvement Permit Null and void and may make the Improvement Permit subject to revocation.

This instrument was prepared by: J. Edward Shirley
Mail after recording to: 6701 Tree Hill Rd
Mathews, N.C. 28104

- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to Rule .1961, "Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulations in effect at that time will govern the repairs or installation of a replacement system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees, and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this 18 day of May, 2001.

_____ (SEAL)
(Corporate Name)

_____ (SEAL)

By: _____ _____ (SEAL)

_____ President _____ (SEAL)

ATTEST:

_____

_____ Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg

I, Viki R. Sheahan, a Notary Public for said County and State, do hereby certify that W. J. Pleasents personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 18 day of May, 1992001

Viki R Sheahan
Notary Public

My Commission Expires:
9/1/2003

VIKI R. SHEAHAN NOTARY PUBLIC COMM. EXP. 9-1-2003 MECKLENBURG CTY, NC



JUDITH A. GIBSON
REGISTER OF DEEDS , MECKLENBURG COUNTY
COUNTY & COURTS OFFICE BUILDING
720 EAST FOURTH STREET
CHARLOTTE NC 28202

****

Filed For Registration: 07/05/2001 02:33 PM

Book: RE 12417 Page: 851-854

Document No.: 2001110246

PRMIT 4 PGS $12.00

Recorder: REBECCA MCGOWAN

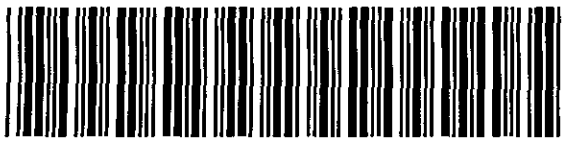
****

State of North Carolina, County of Mecklenburg

The foregoing certificate of VIKI R. SHEAHAN Notary is certified to be correct. This 5TH of July 2001

JUDITH A. GIBSON, REGISTER OF DEEDS By: Rebecca McGowan
Deputy/Assistant Register of Deeds

****



2001110246

S&EC Soil & Environmental Consultants, Inc.
PMB 291, 3020-I Prosperity Church Rd,
Charlotte, North Carolina 28269-7197
Phone (704) 720-9405 Fax (704) 720-9406

FACSIMILE SHEET
FAX NO. (704) 720-9406

DATE: 5/1/01 Project Number: 5-1015

TO: NAME: DREW WALKER CC: ED SHIRLEY

COMPANY: MECK. CO. _____

FAX NUMBER: 704 336-6894 _____

FROM: W. OVERBY SUBJECT: LOT 26 PLEASANT VALLEY

The following items are being faxed. Number of pages including transmittal sheet: 4

___ For Your Comments/Approval
X Per Our Conversation
___ Please Advise
___ Would Like To Discuss
___ For Your Information
___ Per Your Request
___ Please Call
___ Please Handle

HARD COPY SENT:
___ US Regular Mail
___ Overnight
___ Hand Delivery
X No Hard Copy Sent

REMARKS: DREW, HERE IS REVISED SITE PLAN, LAYOUT ETC FOR LOT 26. 5-2-01

Plan Approved,

WENDELL

IF YOU HAVE ANY QUESTIONS OR PROBLEMS WITH THIS TRANSMISSION, PLEASE CONTACT _____ AT (704) 720-9405.

CONFIDENTIALITY NOTICE

This transmission is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that any disclosure, distribution or copying of this information is strictly prohibited. If you have received this transmission in error, please notify us immediately by telephone and return the faxed documents to us at the above address via the United States Postal Service.

Soil & Environmental Consultants, Inc.

PMB 291, 3020-I Prosperity Church Road • Charlotte, NC 28269
Phone: (704) 720-9405 • Fax: (704) 720-9406
www.SandEC.com

Revised April 30, 2001
S&EC #5-1015

Drew Walker
Mecklenburg County Environemntal Health
Hal Marshal Services Center
700 North Tryon St., Suite 208
Charlotte, NC 28202-2236

Re: Lot 26 Pleasant Valley Subdivision – Mint Hill (File #4525B)

Drew:

Attached please find specifications and a sketch map for a septic system layout performed by S&EC. The layout was performed for a proposed 4-bedroom house on Lot 26 of Pleasant Valley Subdivision near Mint Hill. S&EC identified soil areas with 24" to 36" of usable material for supporting an at-grade or ultrashallow conventional septic system (.1956)(1) is proposed. The most limiting depth occurred around 26 inches from the ground surface. Therefore a maximum trench depth of 14 inches is recommended for the system. Rule .1956(1) states "the soil cover shall be placed over a nitrification field only after proper preparation of the original ground surface. The type and placement of soil cover shall be approved by the local health department." The cover material must be clean. Red clay loam material has been used in the area as a cover material. At a minimum, 6" of cover must be placed over the drainfield. **S&EC recommends 10 inches of cover over the drainfield based on slope of the site.** According to A layout of system and repair was done by S&EC to determine available space.

In all 1105 linear feet of drainline was demonstrated by the layout. However, the effective amount of drainline will involve 980 linear feet of drainline in the proposed design. The top line (orange) is an extra line not currently proposed for use. The proposed initial system will be an at-grade conventional (.1956) system utilizing chamber distribution across 4-120' lines. This results in a loading rate of 0.25 gpd/sf^2. S&EC propose using a 1500 gallon septic tank, D-box, and flow splitters for the primary system (see attached).

For the repair, 5-100' lines are proposed. S&EC proposes an at-grade system that utilizes chamber distribution for repair on this lot. Using 500 linear feet of line the LTAR for the repair calculates to 0.24 gpd/ft^2.

Sincerely,

Wendell Overby
NC Licensed Soil Scientist

Greensboro Office:
3817-E Lawndale Drive
Greensboro, NC 27455
Phone: (336) 540-8234
Fax: (336) 540-8235

Hickory Area Office:
710 Boston Road
Taylorsville, NC 28681
Phone: (828) 635-5820
Fax: (828) 635-5820

Raleigh Office:
11010 Raven Ridge Road
Raleigh, NC 27614
Phone: (919) 846-5900
Fax: (919) 846-9467

PLEASANT VALLEY LOT 26 (REVISED)

JOB #: 5-1015

LAYOUT FOR 4 BEDROOM HOM 480 GPD April-01

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	LINE LENGTH	DESIGN LENGTH
TBM		2.1			100.0		
INSTR. 1			102.1				
1	ORANGE	EXTRA		2.10	100.0	80	*0*
2	RED			3.60	98.5	110	100
3	YELLOW			4.70	97.4	220	2 x 100
4	*BLUE*			*5.50*	*96.6*	*255*	*2 x 100*
5	*PINK*			*6.40*	*95.7*	*240*	*2 X 100*
6	RED			6.80	95.3	200	2 x 100
					Total	**1105**	

BOTH SYSTEM AND REPAIR ARE ULTRASHALLOW CONVENTIONAL (CHAMBER)

	LINE LENGTH	LTAR GPD/FT^2	SYSTEM TYPE	PROPOSED LTAR GPD/FT^2	NNOVATIVE SYSTEM	)ISTRIBUTION
** System*	*480'* (4 X 120')	*0.25*	*AT GRADE*	*0.25*	*CHAMBER*	GRAVITY
REPAIR	500' (5 X 100')	0.24	INNOVATIVE	0.25	CHAMBER	PMANIFOLD

Notes:

** TBM located on top of survey stake
**TBM is assumed to be 100'
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags
** House and driveway location illustrated on the attached map
**BS and FS indicate rod readings
****Lines flagged in field may be longer than lengths shown.**
Install at lengths shown on this sheet.

S&EC Soil & Environmental Consultants, Inc.
PMB 291, 3020-I Prosperity Church Rd.
Charlotte, North Carolina 28269-7197
Phone (704) 720-9405 Fax (704) 720-9406

FACSIMILE SHEET
FAX NO. (704) 720-9406

DATE: 5/3/01 Project Number: _____

TO: NAME: DREW WALKER CC: _____

COMPANY: _____ _____

FAX NUMBER: 704 336 6894 _____

FROM: WENDY O. SUBJECT: REVISED MAP

The following items are being faxed. Number of pages including transmittal sheet: 2

___ For Your Comments/Approval
X Per Our Conversation
___ Please Advise
___ Would Like To Discuss
___ For Your Information
___ Per Your Request
___ Please Call
___ Please Handle

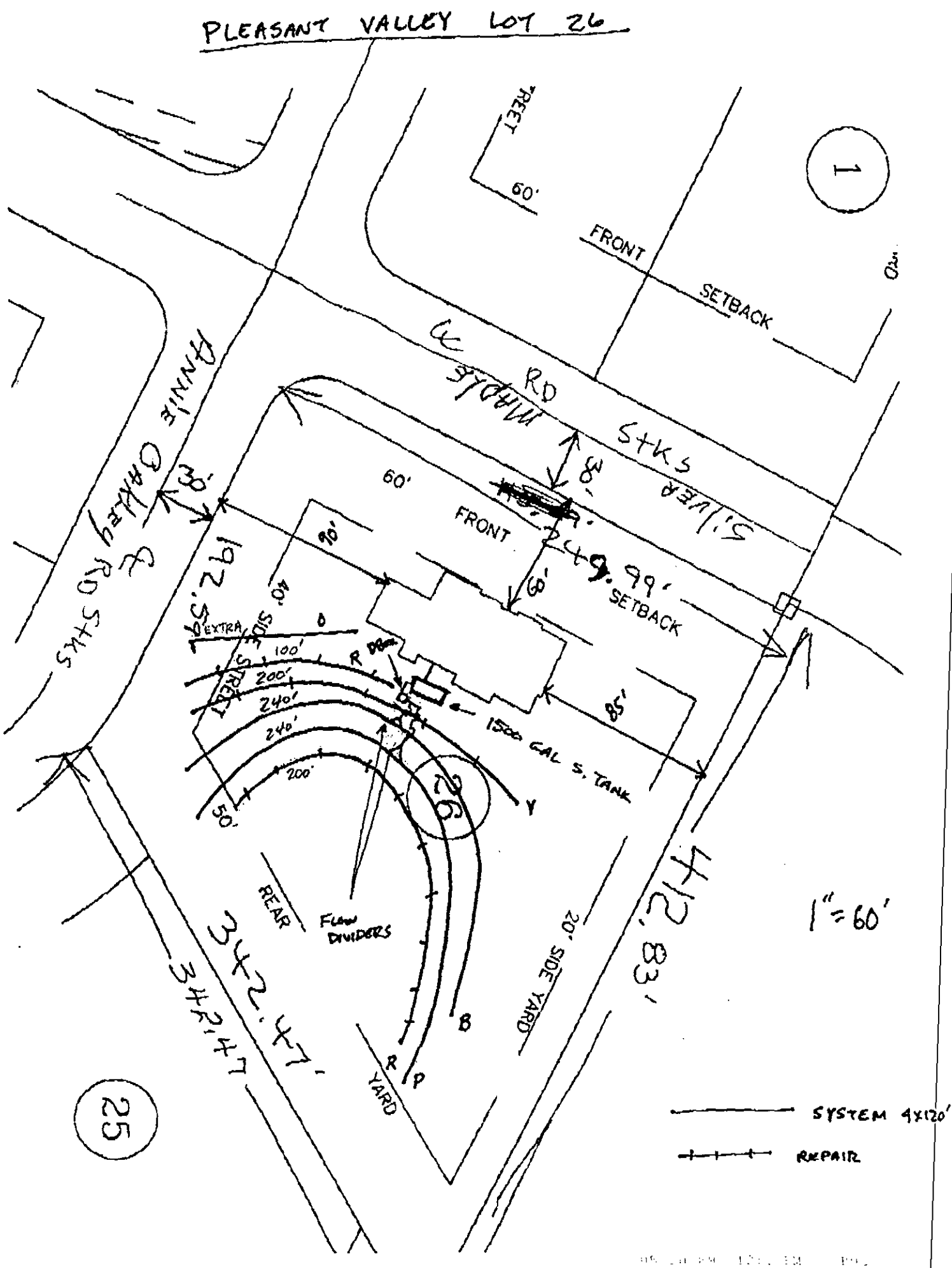
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REMARKS: _____

IF YOU HAVE ANY QUESTIONS OR PROBLEMS WITH THIS TRANSMISSION, PLEASE CONTACT _____ AT (704) 720-9405.

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PLEASANT VALLEY LOT 26
1
FRONT SETBACK
60'
FRONT
SETBACK
99'
60'
90'
8'
8'
MAPLE RD
STKS SILVER
ANNIE OAKLEY RD STKS
192.54'
EXTRA
SIDE YARD
100'
200'
240'
240'
200'
50'
STREET
R
1500 GAL S. TANK
85'
26
REAR
FLOW DIVIDERS
342.47'
342.47'
20' SIDE YARD
212.83'
B
R
P
YARD
25
1" = 60'
SYSTEM 4x120'
REPAIR

S&EC Soil & Environmental Consultants, Inc.
PMB 291 9020-I Prosperity Church Rd,
Charlotte, North Carolina 28269-7197
Phone (704) 720-9405 Fax (704) 720-9406

FACSIMILE SHEET

FAX NO. (704) 720-9406

DATE: 5/1/01 Project Number: 5-1015

TO: NAME: DREW WALKER CC: ED SHIRLEY

COMPANY: MECK. CO.

FAX NUMBER: 704 336-6894

FROM: W. OVERBY SUBJECT: LOT 26 PLEASANT VALLEY

The following items are being faxed. Number of pages including transmittal sheet: 3

___ For Your Comments/Approval
x Per Our Conversation
___ Please Advise
___ Would Like To Discuss
___ For Your Information
___ Per Your Request
___ Please Call
___ Please Handle

HARD COPY SENT:
___ US Regular Mail
___ Overnight
___ Hand Delivery
x No Hard Copy Sent

REMARKS: DREW, HERE IS REVISED SITE PLAN, LAYOUT ETC FOR LOT 26. 5-2-01

Plan Approved,

WENDELL

IF YOU HAVE ANY QUESTIONS OR PROBLEMS WITH THIS TRANSMISSION, PLEASE CONTACT _____ AT (704) 720-9405.

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S&EC

Soil & Environmental Consultants, Inc.

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Phone: (704) 720-9405 • Fax: (704) 720-9406
www.SandEC.com

Revised April 30, 2001
S&EC #5-1015

Drew Walker
Mecklenburg County Environemntal Health
Hal Marshal Services Center
700 North Tryon St., Suite 208
Charlotte, NC 28202-2236

Re: Lot 26 Pleasant Valley Subdivision – Mint Hill (File #4525B)

Drew:

Attached please find specifications and a sketch map for a septic system layout performed by S&EC. The layout was performed for a proposed 4-bedroom house on Lot 26 of Pleasant Valley Subdivision near Mint Hill. S&EC identified soil areas with 24" to 36" of usable material for supporting an at-grade or ultrashallow conventional septic system (.1956)(1) is proposed. The most limiting depth occurred around 26 inches from the ground surface. Therefore a maximum trench depth of 14 inches is recommended for the system. Rule .1956(1) states "the soil cover shall be placed over a nitrification field only after proper preparation of the original ground surface. The type and placement of soil cover shall be approved by the local health department." The cover material must be clean. Red clay loam material has been used in the area as a cover material. At a minimum, 6" of cover must be placed over the drainfield. **S&EC recommends 10 inches of cover over the drainfield based on slope of the site.** According to A layout of system and repair was done by S&EC to determine available space.

In all 1105 linear feet of drainline was demonstrated by the layout. However, the effective amount of drainline will involve 980 linear feet of drainline in the proposed design. The top line (orange) is an extra line not currently proposed for use. The proposed initial system will be an at-grade conventional (.1956) system utilizing chamber distribution across 4-120' lines. This results in a loading rate of 0.25 gpd/sf^2. S&EC propose using a 1500 gallon septic tank, D-box, and flow splitters for the primary system (see attached).

For the repair, 5-100' lines are proposed. S&EC proposes an at-grade system that utilizes chamber distribution for repair on this lot. Using 500 linear feet of line the LTAR for the repair calculates to 0.24 gpd/ft^2.

Sincerely,

Wendell Overby
NC Licensed Soil Scientist

Greensboro Office:
3817-E Lawndale Drive
Greensboro, NC 27455
Phone (336) 540 8234
Fax (336) 540 8235

Hickory Area Office
Burris Road
[illegible] NC 28681

Raleigh Area Office
[illegible] Ridge Road
[illegible] NC 27615

PLEASANT VALLEY LOT 26 (REVISED)

JOB #: 5-1015

LAYOUT FOR 4 BEDROOM HOM 480 GPD April-01

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	LINE LENGTH	DESIGN LENGTH
TBM		2.1			100.0		
INSTR. 1			102.1				
1	ORANGE	EXTRA		2.10	100.0	80	*0*
2	RED			*3.60*	98.5	110	100
3	YELLOW			4.70	97.4	220	2 x 100
4	*BLUE*			*5.50*	*96.6*	*255*	*2 x 100*
5	*PINK*			*6.40*	*95.7*	*240*	*2 X 100*
6	RED			6.80	95.3	200	2 x 100
					Total	**1105**	

BOTH SYSTEM AND REPAIR ARE ULTRASHALLOW CONVENTIONAL (CHAMBER)

	LINE LENGTH	LTAR GPD/FT²	SYSTEM TYPE	PROPOSED LTAR GPD/FT²	NNOVATIVE SYSTEM	ISTRIBUTION
**System*	*480'* (4 X 120')	*0.25*	*AT GRADE*	*0.25*	*CHAMBER*	GRAVITY
REPAIR	500' (5 X 100')	0.24	INNOVATIVE	0.25	CHAMBER	PMANIFOLD

Notes:

** TBM located on top of survey stake

**TBM is assumed to be 100'

**All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

** House and driveway location illustrated on the attached map

**BS and FS indicate rod readings

**Lines flagged in field may be longer than lengths shown.

Install at lengths shown on this sheet.

S&EC Soil & Environmental Consultants, Inc.
PMB 291, 3020-I Prosperity Church Rd.
Charlotte, North Carolina 28269-7197
Phone (704) 720-9405 Fax (704) 720-9406

FACSIMILE SHEET

FAX NO. (704) 720-9406

DATE: 5/3/01 Project Number: _____

TO: NAME: DREW WALKER CC: _____

COMPANY: _____ _____

FAX NUMBER: 704 336 6694 _____

FROM: WESLEY D SUBJECT: REVISED MAP

The following items are being faxed. Number of pages including transmittal sheet: 2

___ For Your Comments/Approval
X Per Our Conversation
___ Please Advise
___ Would Like To Discuss
___ For Your Information
___ Per Your Request
___ Please Call
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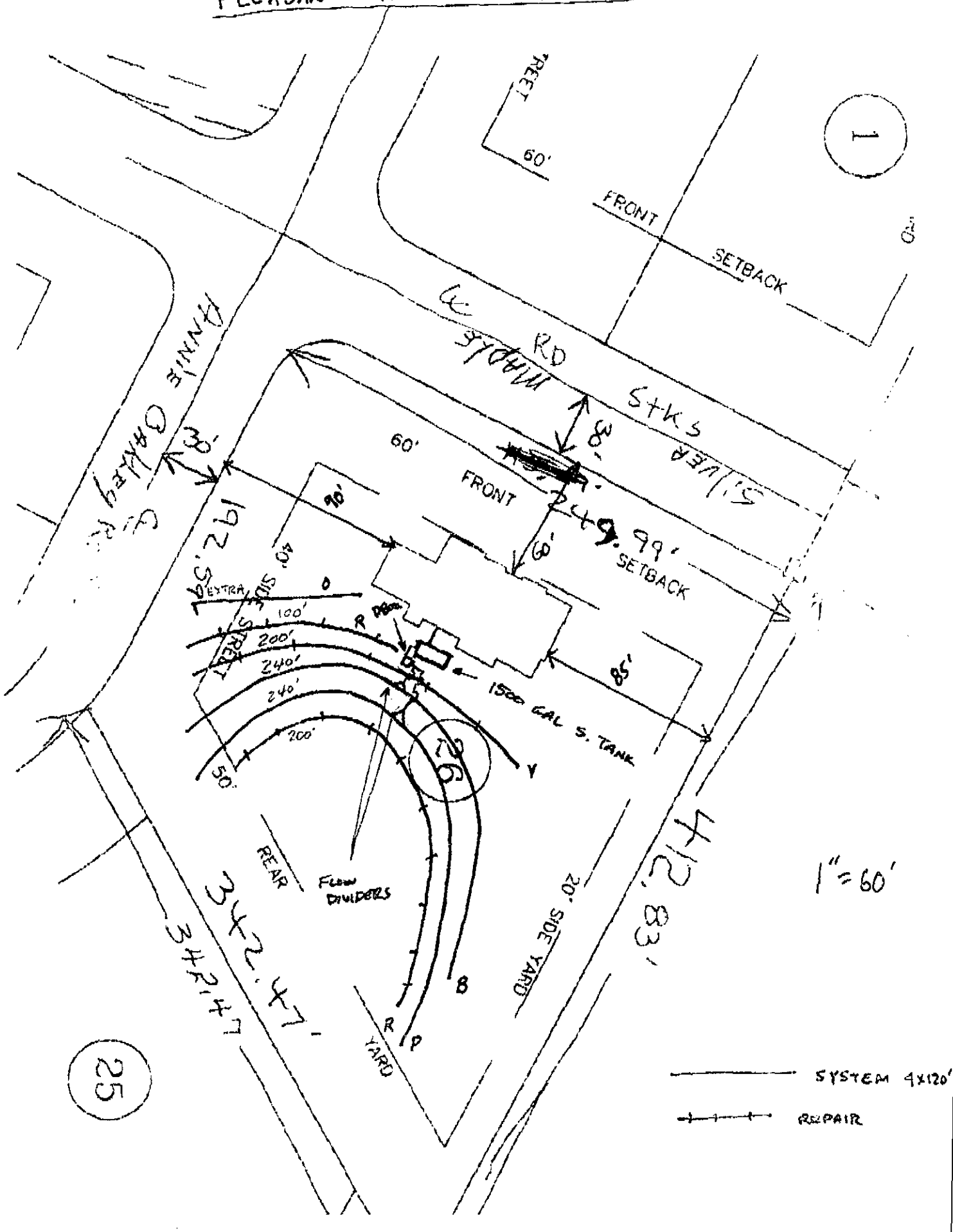
REMARKS: _____

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PLEASANT VALLEY LOT 26



S&EC

Soil & Environmental Consultants, Inc.

PMB 291, 3020-I Prosperity Church Road · Charlotte, NC 28269
Phone: (704) 720-9405 · Fax: (704) 720-9406
www.SandEC.com

April 19, 2001
S&EC #5-1015

Bill Marlin
Mecklenburg County Environemntal Health
Hal Marshal Services Center
700 North Tryon St
Suite 208
Charlotte, NC 28202-2236

Re: Lot 26 Pleasant Valley Subdivision – Mint Hill (File #4525B)

Bill:

Attached please find specifications and a sketch map for a septic system layout performed by S&EC. The layout was performed for a proposed 4-bedroom house on Lot 26 of Pleasant Valley Subdivision near Mint Hill. S&EC identified soil areas with 24" to 36" of usable material for supporting an at-grade or ultrashallow conventional septic system (.1956). A layout of system and repair was done by S&EC to determine available space.

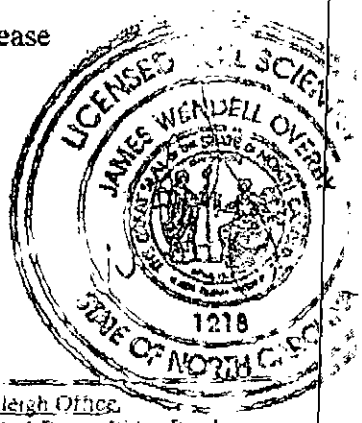
In all 1105 linear feet of drainline was demonstrated by the layout. However, the effective amount of drainline will involve 940 linear feet of drainline in the proposed design. The top line (orange) is an extra line not currently proposed for use. The proposed initial system will be an at-grade conventional (.1956) system that uses 5-110' lines. This results in a loading rate of 0.29 gpd/sf^2. S&EC propose using a 1200 gallon septic tank, D-box, and flow splitters for the primary system (see attached).

For the repair, 2-200' lines are proposed. S&EC proposes an at-grade system that utilizes chamber distribution for repair on this lot. Using 400 linear feet of line the LTAR for the repair calculates to 0.3gpd/ft^2.

Please call if you would like to meet S&EC on-site to review this proposal. Please forward a copy to a sanitarian assigned to this district for their review.

Sincerely,

Wendell Overby
NC Licensed Soil Scientist



Greensboro Office:
3517-E Lawndale Drive
Greensboro, NC 27455
Phone (336) 540-8234
Fax (336) 540-8235

Raleigh Office
1016 Raven Ridge Road
Raleigh NC 27614
(919) 846-0936

PLEASANT VALLEY LOT 26

JOB #: 5-1015

LAYOUT FOR 4 BEDROOM HOM 480 GPD April-01

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	LINE LENGTH	DESIGN LENGTH
TBM		2.1			100.0		
INSTR. 1			102.1				
1	ORANGE	EXTRA		2.10	100.0	80	*0*
2	*RED*			*3.60*	*98.5*	*110*	*110*
3	*YELLOW*			*4.70*	*97.4*	*220*	*2 x 110*
4	*BLUE*			*5.50*	*96.6*	*255*	*2 x 110*
5	PINK			6.40	95.7	240	200
6	RED			6.80	95.3	200	200
					Total	**1105**	

BOTH SYSTEM AND REPAIR ARE ULTRASHALLOW CONVENTIONAL

	LINE LENGTH	LTAR GPD/FT²	SYSTEM TYPE	PROPOSED LTAR GPD/FT²	INNOVATIVE SYSTEM	DISTRIBUTION
Syste	*540'*	*0.29*	*AT GRADE*	*0.30*	*N/A*	GRAVITY D-BOX
	400'	0.30	INNOVATIVE	0.30	CHAMBER	GRAVITY D-BOX

Notes:

** TBM located on top of survey stake

**TBM is assumed to be 100'

**All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

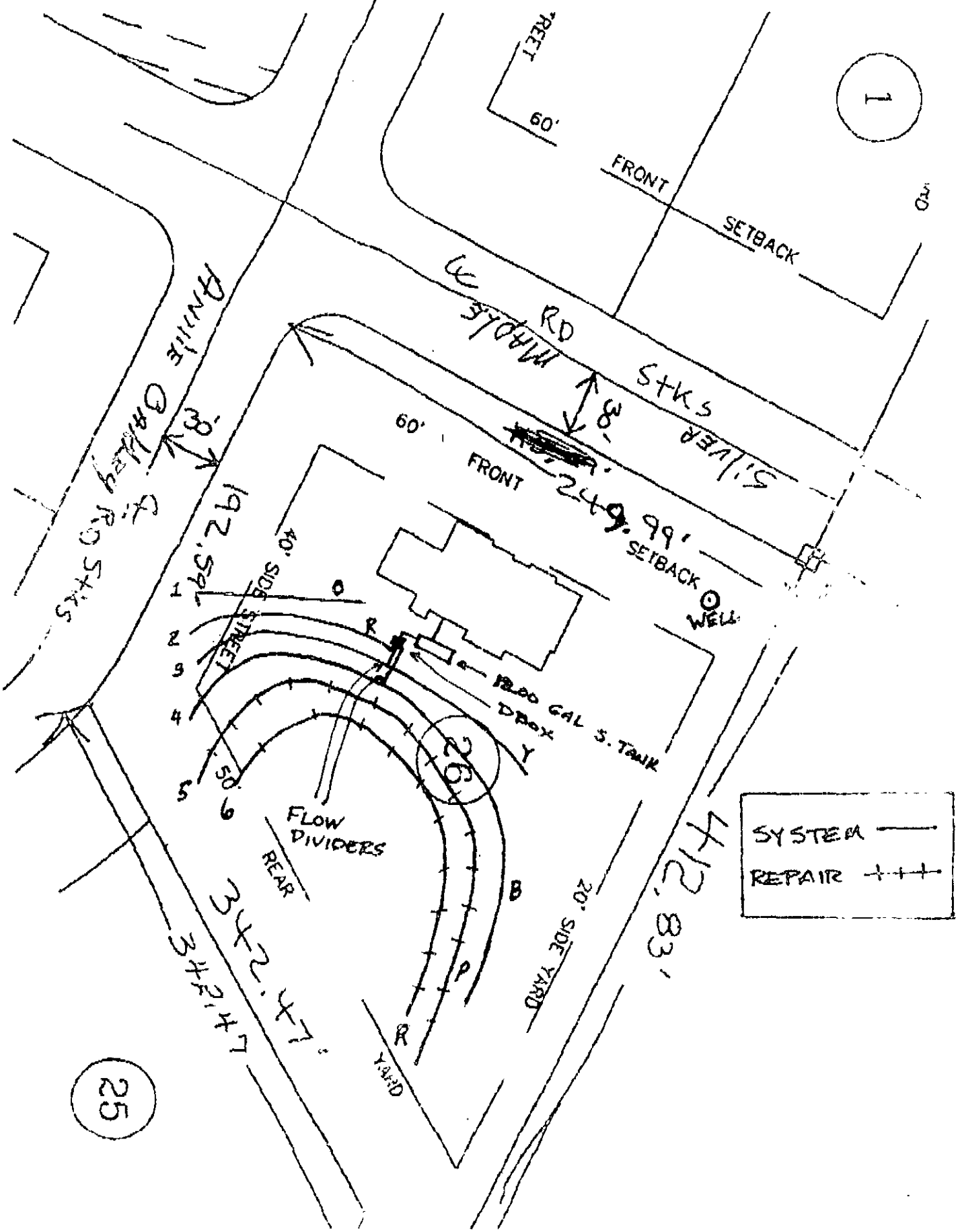
** House and driveway location illustrated on the attached map

**BS and FS indicate rod readings

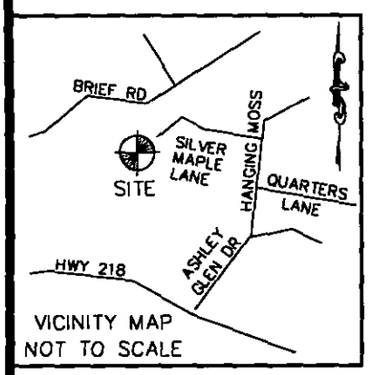
**Lines flagged in field may be longer than lengths shown.

Install at lengths shown on this sheet.

PLEASANT VALLEY LOT 26

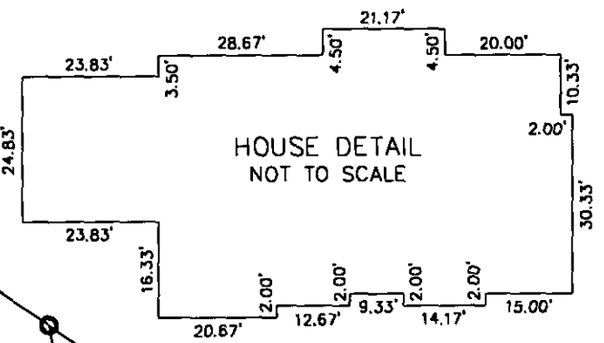


THIS IS TO CERTIFY THAT ON THE 23rd DAY OF JANUARY 2001, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT, AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS, IF ANY, ARE SHOWN HEREON.



SIGNED: _____

PROFESSIONAL LAND SURVEYOR
EDWARD L. KILLOUGH, N.C.P.L.S. L-1519
204 GRIBBLE ROAD
P.O. BOX 369
INDIAN TRAIL, NORTH CAROLINA 28079



NOTES:
- ERROR OF CLOSURE 1:10,000
- AREA BY COMPUTER (1.12 ACRES)
- THIS IS A SURVEY OF AN EXISTING PARCEL OF LAND
- IRON PINS AT ALL CORNERS UNLESS OTHERWISE NOTED
- THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, RESTRICTIVE COVENANTS, OR DEED RESTRICTIONS WHICH MAY BE OF RECORD

N.C. GRID (NAD 83)

PLOT PLAN SURVEY

OF

7914 SILVER MAPLE LANE
LOT 27 OF PLEASANT VALLEY

TOWN OF MINT HILL, MECKLENBURG COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL L-1519 LAND SURVEYOR EDWARD L. KILLOUGH

SCALE: 1" = 60'

THE PROPERTY OF: J. EDWARD SHIRLEY CONSTRUCTION COMPANY

MAP RECORDED IN BOOK AT PAGE DEED RECORDED IN BOOK PAGE

Mecklenburg County
Health Department

Soil & Environmental Consultants, Inc.
PMB 291, 3020-I Prosperity Church Road
Charlotte, NC 28269-7197

Dear Mr. Overby.

This letter is reference to the plan submitted for the property designated as lot 26, Pleasant Valley subdivision at 7914 Silver Maple Lane. The plan is hereby denied for the following reasons.

The LTAR exceeds that which was determined by the soil analysis performed by the Mecklenburg County Health Department. The LTAR should not exceed .25gpd for conventional design and .1 gpd for an LPP design.

The design called for an at-grade or ultrashallow conventional installation. The maximum trench depth shall be indicated on the plan. This depth should be determined by the most limiting depth indicated on the soil report.

A 1500 gallon septic tank is required for all residential installations.

The length of each drainline shall be indicated on the drawing as well as the distance of the building from all property lines.

Rule .1956 has other provisions that must be addressed as well, including the type of fill and /or cover material.

Please call me at 336-5573 if I can answer any questions.

Sincerely,

J. Andrew Walker RS
Individual Water and Wastewater Systems
Environmental Health Division

DI[redacted]T OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DI[redacted]F ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet: _____
Property ID: PD 197-191-99
Lot #: 26 & 27
File #: 45250

#2 ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Bill & Pleasants APPLICANT: Ed Shirley
ADDRESS: 10107 Annie Oakley Trail, Charlotte DATE EVALUATED: 4-5-01
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 480 gpd PROPERTY SIZE: 2.22
LOCATION OF SITE: 7914 Silver Maple Lane PROPERTY RECORDED: _____
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☑ Augur Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	3/apr 2-87 .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	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS &LTAR
1	LS	0-6"	gr/scl	Fr/SE/Pl/SS/SP	>32" TO soil wetness	32"	N/A	None	US
		6-15"	SBK/c	F.I/SE/Pl/S/P					
		15-32"	SBK/c	vF.I Mixed/VS/VP					
2	LS	0-5"	gr/scl	Fr/SE/Pl/SS/SP	>24" TO soil wetness	24"	N/A	None	US IV .1/P/C2 (LPP)
		5-24"	SBK/c	F.I/SE/Pl/S/P					
3	LS	0-3"	gr/scl	Fr/SE/Pl/SS/SP	>13" TO soil wetness	13"	N/A	None	US
		3-13"	SBK/sc	vF.I/Mixed/VS/VP					
4	LS	0-4"	gr/scl	Fr/SE/Pl/SS/SP	2.5Y 7/1 @ 30"	30"+	N/A	None	US
		4-26"	SBK/sc	F.I/SE/Pl/S/P					
		26-30"+	SBK/c	vF.I Mixed/VS/VP					
5	LS	0-3"	gr/scl	Fr/SE/Pl/SS/SP	>26" TO soil wetness	26"+	N/A	None	US IV .1/P/C2 (LPP)
		3-24"	SBK/sc	F.I/SE/Pl/S/P					
		24-26"+	M/sc	F.I/SE/Pl/S/P					
6	LS	0-7"	gr/scl	Fr/SE/Pl/SS/SP	>24" TO soil wetness	26"+	N/A	None	US IV
		7-22"	SBK/c	F.I/SE/Pl/S/P					
		22"+	M/c	F.I/SE/Pl/S/P					
7	LS	0-3"	gr/scl	Fr/SE/Pl/SS/SP	2.5Y 7/1 @ 35"	38"	N/A	None	US
		3-24"	SBK/scl	Fr/SE/Pl/SS/SP					
		24-29"	SBK/sc	F.I/SE/Pl/S/P					
		29-38"	SBK/sc	vF.I/Mixed/VS/VP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	US
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W.R. Marlin LSS 4-9-01
OTHER(S) PRESENT: _____

DE[redacted]NT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIV[redacted] OF ENVIRONMENTAL HEALTH
ON-[redacted]E WASTEWATER SECTION

Sheet: 2
Property ID:
Lot #:
File #: 4525B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: APPLICANT:
ADDRESS: DATE EVALUATED:
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949) PROPERTY SIZE:
LOCATION OF SITE: PROPERTY RECORDED:
WATER SUPPLY: ☐Private ☐Public ☐Well ☐Spring ☐Other
EVALUATION METHOD: ☐Augur Boring ☐Pit ☐Cut
TYPE OF WASTEWATER: ☐Sewage ☐Industrial Process ☐Mixed

PROFILE #	.1940 Landscape Position/ Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS &LTAR
8	LS	0-4"	gr/sl	Fri SE XPI SS/SP	2.5Y 7/1 @ 24"	28"	N/A	None	US
		4-12"	SBK/sl	Fri SE XPI SS/SP					
		12-28"	SBK/sc	v F.I Mixed/ VS VP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:

FILE # 45258

COMMENTS 100% Repair Would need backhoe pits if additional investigation is needed

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE 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	
		O-ORGANIC	

CONSISTENCE	
MOIST	WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

STRUCTURE

SG-SINGLE GRAIN
M-MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE

