

3907 WALTER NELSON RD

13531236

5/1/08

marliwr

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

2721A B

North Carolina State Laboratory of Public Health
Department of Health and Human Services
P. O. Box 28047 -- 306 N. Wilmington St. -- Raleigh, N. C. 27611-8047

INORGANIC CHEMICAL ANALYSIS - NITRATE ONLY

Name of System: Barnes, Max
Address: 3907 Walter Nelson Rd.
Charlotte, NC **Zip:** 28227
County: MECKLENB

Report To: Mecklenburg Co. Env. Health
700 North Tryon Street
Charlotte, NC 28202
Courier: 05-16-21
ATTN: David Cornelius
(704) 336-5101

Source of Water: Ground
Source of Sample:
Type of Sample: Raw
Type of Treatment: None
Type of Analysis: Nitrate
Category:

Collected By: D. CORNELIUS **Date:** 11/18/02 **Time:** 9:15:00 AM
Location of sampling point: Well Head
Remarks:

Parameters	Results	Units	Date Analyzed:
Nitrite as N	<0.10	mg/l	11/20/02
Nitrate as N	<1.0	mg/l	11/20/02

EXPLANATION OF RESULTS:

Foster/Therapeutic Homes: Nitrate-N level acceptable if less than or equal to 10 mg/l
Private Well Guidelines: Nitrite-N level should be ≤ 1.0 mg/l and Nitrate-N ≤ 10.0 mg/l

Sample Temperature on Receipt: 2.5 °C
Date Received: 11/20/02 **Report Date:** 12/9/02 **Reported By:** DM
Today's Date: 12/9/02 **Reference:** 15936 **Login Batch** 02110043 **Sample Number:** AA85775

Explanations

Coliform Analysis:
If coliform bacteria are Absent, the water is considered safe for drinking purposes. If coliform bacteria are Present, the water is considered unsafe for drinking purposes. Presence of E. *coli* (bacteria) generally indicates that the water has been contaminated with fecal material. It must be remembered that a water analysis refers only to the sample received and should not be regarded as a complete report on the water supply.

Inorganic Analysis:
Recommended limits for drinking water. Sample should not exceed levels listed below:

Alkalinity	No established limits	Iron	0.30 mg/l
Arsenic	0.05 mg/l	Lead	0.015 mg/l
Calcium	No established limits	Magnesium	No established limits
Chloride	250 mg/l	Manganese	0.05 mg/l
Copper	1.3 mg/l	Nitrate	10 mg/l (as N)
Fluoride	4 mg/l	Nitrite	1.0 mg/l (as N)
Hardness	No established limits	pH	Not less than 6.5 units
		Zinc	5.0 mg/l

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES AGENCY
ENVIRONMENTAL LABORATORY
SAMPLE FIELD DATA SHEET/CHAIN OF CUSTODY

Field I.D.#: 209522 Dept.: ENVIRONMENTAL HEALTH
Project: PME

Site Sampled: MAX BARNES
Address: 3907 WALTER NELSON RD.
Source Sampled: WELL HEAD ☒ Potable ☐ NonPotable
Source Treatment: ☐ Chlorinated ☒ Nonchlorinated ☐ Unknown
Sample Temperature: _____ °c

Sample Collected On:
Date: 1/7/03 Time: 9:30 ☒AM ☐PM
Collected By: _____ (Signature)

Relinquished to Lab On:
Date: 1/7/03 Time: 3:17 ☐AM ☒PM
Relinquished By: _____ (Signature)

Lab I.D. #: 8661
Rec d By: _____ (Signature)
Date Rec d: 010703
Time: 1515

Sample Condition:
Temperature: 10 °C
Remarks _____
Data Qualifiers _____

☐ Compliance Sample: Appropriate reporting forms must be completed, see laboratory.

Report Results To: DAVID CORNELIUS

ALL FIELD INFORMATION MUST BE RECORDED TO MAINTAIN CHAIN OF CUSTODY AND TO QUALITY ASSURE DATA

Analytical Data Qualifiers:
A-Quality Control Measure for Method Blank failed
B-Quality Control Measure for Method Detection Limit Standard failed
C-Quality Control Measure for External Standard failed
D-Quality Control Measure for Method Precision failed
E-Quality Control Measure for Method Accuracy failed
F-Daily Seed Blank did not recover within method limits
G-Daily Standard did not recover within method limits
H-Quality Control Measure for Surrogate Standards failed
J-Analysis conducted outside of Parameter holding time

Chain of Custody Data Qualifiers:
N-Field temperature of sample not documented
O-Chain of custody incomplete
P-Sample containers incomplete
Q-Sample containers overfilled
R-Parameter holding time exceeded upon receipt
S-Sample submitted with headspace
T-Preservative flushed from vial
U-Sample not dechlorinated in field
V-Sample Rejected
W-Insufficient Sample volume, data may not be valid.
X-Sample container not closed, data may not be valid.

Laboratory Certifications: N.C. DHHS Laboratory # 37527, N.C. DENR Certificate # 192

SHADED AREA FOR LAB USE ONLY

Bacteriologicals
Total coliform ☒ Absent Colonies /100 mL
Fecal coliform ☐ _____ Colonies /100 mL
Fecal strep ☐ _____ Colonies /100 mL
E. Coli ☐ Absent Colonies/100 mL
Enterococci ☐ _____ Colonies/100 mL
E = Estimated

Miscellaneous
Asbestos ☐ _____ %
Chlorophyll a ☐ _____ ppb

Aggregate Organics
BOD_5 ☐ _____ ppm
COD ☐ _____ ppm
Oil and Grease ☐ _____ ppm
Phenol ☐ _____ ppm
Surfactant ☐ _____ ppm
TOC ☐ _____ ppm
TOX ☐ _____ ppb

Organics
Acid Herbicide ☐ See Report
PCB ☐ See Report
Pesticide ☐ See Report
Semivolatile ☐ See Report
TPH:
Diesel ☐ _____ ppm
Gas ☐ _____ ppm
VOC ☐ See Report

Inorganic Non Metals
Acidity ☐ _____ ppm
Alkalinity ☐ _____ ppm
Chloride ☐ _____ ppm
Color ☐ _____ units
Cyanide, Total ☐ _____ ppm
Fluoride ☐ _____ ppm
Hardness ☐ _____ ppm
Nitrogen, Ammonia ☐ _____ ppm
Nitrogen, Nitrate + Nitrite ☐ _____ ppm
Nitrogen, Nitrate ☐ _____ ppm
Nitrogen, Nitrite ☐ _____ ppm
Nitrogen, Total Kjeldahl ☐ _____ ppm
pH ☐ _____ units
Phosphorus, Ortho ☐ _____ ppm
Phosphorus, Total ☐ _____ ppm
Residue, Filterable ☐ _____ ppm
Residue, Suspended ☐ _____ ppm
Residue, Total ☐ _____ ppm
Specific Conductance ☐ _____ µmho/cm
Sulfate ☐ _____ ppm
Sulfide ☐ _____ ppm
Turbidity ☐ _____ NTU

Mineral Metals

Al ☐	_____ ppm	_____ ppb
Ca ☐	_____ ppm	_____ ppb
Cu ☐	_____ ppm	_____ ppb
Fe ☐	_____ ppm	_____ ppb
Mg ☐	_____ ppm	_____ ppb
Mn ☐	_____ ppm	_____ ppb
K ☐	_____ ppm	_____ ppb
Si ☐	_____ ppm	_____ ppb
Na ☐	_____ ppm	_____ ppb
Zn ☐	_____ ppm	_____ ppb

Toxic Metals
TCLP Metals ☐

Sb ☐	_____ ppb	_____ ppm
As ☐	_____ ppb	_____ ppm
Ba ☐	_____ ppb	_____ ppm
Be ☐	_____ ppb	_____ ppm
Cd ☐	_____ ppb	_____ ppm
Cr ☐	_____ ppb	_____ ppm
Co ☐	_____ ppb	_____ ppm
Pb ☐	_____ ppb	_____ ppm
Hg ☐	_____ ppb	_____ ppm
Ni ☐	_____ ppb	_____ ppm
Se ☐	_____ ppb	_____ ppm
Ag ☐	_____ ppb	_____ ppm
Tl ☐	_____ ppb	_____ ppm
V ☐	_____ ppb	_____ ppm

Remarks: _____

Date Completed: JAN 10 2003

Laboratory Director: D for TBarry

SAMPLE DELIVERY PROCEDURES:

-The following are procedures for submitting samples to the LUESA, Environmental Laboratory. The responsibility for adhering to these procedures lies with the individual(s) collecting and delivering the samples for analysis. North Carolina Administrative Code laboratory regulations specify sample collection, documentation, and delivery procedures to be utilized. In order to maintain our certification licenses with N.C. DENR we must comply with these regulations. Samples submitted to the lab that do not meet all these cited requirements will be qualified or will be rejected.

-All samples submitted to the Lab must be properly labeled and accompanied by a completed Field Data Sheet. All *field information* on the Field Data Sheet must be completed. The Field ID # must be written on each bottle submitted. The parameters requested for each site sampled are indicated by checking the appropriate block(s).

-All samples must be cooled (using ice) between the time of collection and submittal to the Lab.

-All samples must be collected in the bottles provided. Select the correct container from the "container type" column based on the parameters requested. Collect sufficient volume of sample as indicated in the "minimum volume to collect" column based on the parameters requested. With the exception of the 40 ML vials (see note B), fill all containers to 90% full-Do not overfill.

-Samples to be submitted for bacteriologicals must be arranged with laboratory staff by calling (704) 336-5599 prior to delivery. Samples for bacteriologicals can not be accepted on Fridays except in the event of emergencies.

-All samples must be submitted to the Lab as soon as possible and within the time limits indicated in the "holding time" column. Samples must be delivered to the Lab no later than 4:00 pm each day. Samples received later will be dated as received the next day and rejected if the holding time is exceeded. ALL samples with a 48 hour holding time must be submitted to the Lab no later than 12:00 noon on Fridays. In the case of *emergency field situations* or any situation requiring sample delivery outside of these time frames sample delivery must be coordinated through John Barry or Keith O'Neal.

-Samples are submitted to the Lab through the door to the walk-in cooler. Place samples (glass bottles must be cushioned) along with their respective data sheet(s) into the sample crate(s) provided and slide them down the roller rack.

SAMPLE COLLECTION:

For all types of samples: Drinking Water, Surface Water, Nondrinking Groundwater, Wastewater, Soils, Spills, Hazardous Waste-Use these bottles as specified.

PARAMETER	MINIMUM VOLUME TO COLLECT	HOLDING TIME	CONTAINER TYPE
ACIDITY	100 ML	28 DAYS	1000 ML-BLUE CAP
ALKALINITY	100 ML	28 DAYS	1000 ML-BLUE CAP
BACTERIOLOGICALS:			
FECAL COLIFORM-C	100 ML	5 HOURS	100 ML SNAP CAP
FECAL STREP-C	100 ML	5 HOURS	100 ML SNAP CAP
TOTAL COLIFORM-C	100 ML	28 HOURS	100 ML SNAP CAP
E. COLI-C	100 ML	28 HOURS	100 ML SNAP CAP
ENTEROCOCCI-C	100 ML	28 HOURS	100 ML SNAP CAP
BOD	1000 ML	48 HOURS	1000 ML-BLUE CAP
CHLORIDE	35 ML	28 DAYS	1000 ML-BLUE CAP
CHLORINATED PHENOXY ACID HERBICIDE	1000 ML	14 DAYS	1 LITER AMBER GLASS
CHLOROPHYLL A	250 ML	14 DAYS	PLASTIC-LC
COD	30 ML	28 DAYS	250 ML-ORANGE CAP
COLOR	50 ML	48 HOURS	1000 ML-BLUE CAP
CONDUCTIVITY	250 ML	28 DAYS	1000 ML-BLUE CAP
CYANIDE	1000 ML	14 DAYS	1000 ML-BLUE CAP
ETHYLENE GLYCOL-B	40 ML	7 DAYS	GLASS-LC
FLUORIDE	50 ML	28 DAYS	1000 ML-BLUE CAP
HARDNESS	30 ML	28 DAYS	250 ML-RED CAP
METALS:			
ALUMINUM	20 ML	6 MONTHS	500 ML-WHITE CAP
ARSENIC	20 ML	6 MONTHS	500 ML-WHITE CAP
BARIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
CADMIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
CHROMIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
COPPER	20 ML	6 MONTHS	500 ML-WHITE CAP
IRON	20 ML	6 MONTHS	500 ML-WHITE CAP
LEAD	20 ML	6 MONTHS	500 ML-WHITE CAP
MAGNESIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
MANGANESE	20 ML	6 MONTHS	500 ML-WHITE CAP
MERCURY	100 ML	28 DAYS	500 ML-WHITE CAP
NICKEL	20 ML	6 MONTHS	500 ML-WHITE CAP
POTASSIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
SELENIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
SILVER	20 ML	6 MONTHS	500 ML-WHITE CAP
SODIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
ZINC	20 ML	6 MONTHS	500 ML-WHITE CAP
NITROGEN,AMMONIA-A	30 ML	28 DAYS	250 ML-ORANGE CAP
NITROGEN,NITRITE	30 ML	48 HOURS	250 ML-ORANGE CAP
NITROGEN,NITRATE+	30 ML	28 DAYS	250 ML-ORANGE CAP
NITROGEN,KJELDAHL	30 ML	28 DAYS	250 ML-ORANGE CAP
OIL AND GREASE	2500 ML	28 DAYS	2 ½ LITER AMBER GLASS
PCB/PESTICIDES	2000 ML	7 DAYS/40 DAYS	1 LITER AMBER GLASS
PH	100 ML	FIELD ANALYSIS	1000 ML-BLUE CAP
PHENOL	500 ML	28 DAYS	GLASS-LC
PHOSPHORUS,ORTHO	30 ML	48 HOURS	250 ML-ORANGE CAP
SEMIVOLATILES	2000 ML	7 DAYS/40 DAYS	1 LITER AMBER GLASS
SOLIDS,DISSOLVED	250 ML	7 DAYS	1000 ML-BLUE CAP
SOLIDS,SUSPENDED	250 ML	7 DAYS	1000 ML-BLUE CAP
SOLIDS,TOTAL	100 ML	7 DAYS	1000 ML-BLUE CAP
SULFATE	100 ML	28 DAYS	1000 ML-BLUE CAP
SULFIDE	100 ML	7 DAYS	1000 ML-BLUE CAP
SURFACTANT	500 ML	48 HOURS	1 LITER AMBER GLASS
TCLP METALS	250 ML	6 MONTHS	500 ML-WHITE CAP
TPH:			
DIESEL FRACTION	2000 ML	14 DAYS	1 LITER AMBER GLASS
GASOLINE-B	40 ML	14 DAYS	GLASS-LC
TURBIDITY	100 ML	48 HOURS	1000 ML-BLUE CAP
VOC-B	(2) 40 ML	14 DAYS	GLASS-LC

A=For this parameter, residual chlorine MUST be destroyed at time of collection. Samples received that contain residual chlorine will be rejected.

B=VOC samples, Ethylene glycol, and TPH: Gasoline Fraction are to be collected in duplicate, collect two (2) 40 ML round glass vials for each sample. Collect VOC samples with no air headspace above sample. The teflon side of the cap MUST face the sample.

C=Bacteriological samples ONLY. These are sterile containers that contain a sodium thiosulfate tablet for neutralizing residual chlorine. DO NOT flush the tablet from the container.

LC=Labeled Container. Use only the containers specifically prepared for these analyses.

MECKLENBURG COUNTY
Health Department

December 26, 2002

Max Barnes
3907 Walter Nelson Rd.
Charlotte, NC 28227

Dear Mr. Barnes:

The State required inspection of the Type IIIb septic system, which serves as the wastewater treatment and disposal system for the residence located at 3907 Walter Nelson Rd., Charlotte, North Carolina, was completed on 11/22/02. The results of this inspection are enclosed.

During our inspection a bacteriological as well as two inorganic water samples were taken of your private water supply. The laboratory analysis of the well water sample was reported to be positive for coliform bacteria. The presence of bacteria indicates a source of contamination. It is recommended that the well be chlorinated. The procedure for chlorination is enclosed. The results of the inorganic analysis were within the acceptable range for private wells.

Thank you for your time and cooperation. If you have any further questions you can contact me at (704) 336-5571.

Sincerely,

David Cornelius, R.S.I, Coordinator
Managed Systems Program
Individual Water and Wastewater Systems

Enclosure: Inspection Report
Microbiological/Inorganic Analysis Results
Procedure For Well Chlorination
Septic System Owner's Guide

N. C. Department of Environment and Natural Resources
Division of Environmental Health

INSPECTION OF ENGINEERED SUBSURFACE WASTEWATER SYSTEM

MECKLENBURG COUNTY — Health Department
Z721A — Permit/Project No.
3907 WALTER NELSON RD. — Location
RESIDENCE — Name of Establishment / Type of Establishment
360 GPD — Design Flow
MAX O. BARNES — Owner/Agent
3907 WALTER NELSON RD. CHARLOTTE NC 28227 — Address
Phone
N/A — Operator
Address
Phone
Remarks TYPE IIIb

	Yes	No	REMARKS
1. ESTABLISHMENT:			
Type, size, and sewage flow in accordance with permit?	☑	☐	
2. COLLECTION SYSTEM:			
No evidence of leaks into or out from sewer lines/manholes?	☐	☐	N/A
Free of blockages/solids buildup in lines or manholes?	☐	☐	
3. TANKAGE (Grease Traps/Lift Stations/Septic/Dosing Tanks):			
Tank risers accessible and surface water diverted?	☑	☐	
Tanks and access manholes structurally sound, watertight?	☑	☐	
Sanitary tee(s) in good working condition?	☐	☐	
Tanks pumped, cleaned out as needed?	☑	☐	
4. RAW SEWAGE LIFT STATION (if present):			
Required pumps present, operating, and cycling properly?	☐	☐	N/A
High-water alarm present and operating properly?	☐	☐	
Floats/pipe/valves/disconnects in good working condition?	☐	☐	
Control panel enclosure/components in good condition?	☐	☐	
5. EFFLUENT DOSING SYSTEM:			
Effluent appears clear, free of excess solids?	☑	☐	
PUMP SYSTEMS:			
Required pumps present, operating, and cycling properly?	☑	☐	
High-water alarm present and operating properly?	☑	☐	
Floats/pipe/valves/disconnects in good working condition?	☑	☐	
Control panel enclosure/components in good condition?	☑	☐	
Elapsed time readings: ____ ____ ____ ____			
SIPHON SYSTEMS:			
No evidence of overflow or siphon leakage?	☐	☐	N/A
Siphon(s) appear to be working/alternating properly?	☐	☐	
Bells and vents free of debris and in good condition?	☐	☐	
6. GROUND ABSORPTION FIELDS:			EVERYTHING LOOKS GOOD!
No evidence of effluent surfacing/reaching surface waters?	☑	☐	
Minimal ponding in subsurface trenches?	☑	☐	
Surface water being effectively diverted away?	☑	☐	
Diversions/ditches/swales/tile drains properly maintained?	☑	☐	
Line cover/vegetation adequate/maintained as needed?	☑	☐	
Protected from traffic, destructive uses?	☑	☐	
Distribution devices in good condition, working properly?	☑	☐	
Repair area properly reserved, maintained?	☑	☐	
LOW-PRESSURE PIPE DRAIN FIELDS:			
Turnups/cleanouts/valves intact and accessible?	☐	☐	N/A
No effluent standing in lower laterals?	☐	☐	
Laterals free of excess solids, cleaned out as needed?	☐	☐	
Pressure head is properly adjusted?	☐	☐	

OVERALL CONDITION AND OPERATION OF SYSTEM: NO EFFLUENT SURFACING

SUMMARY OF IMPROVEMENTS NEEDED:

Improvement	Repair Within (Days)

DATE: 11/18/02 SIGNED: _____ AGENT
Division of Environmental Health

DENR 3702 (Revised 3/98)
On-Site Wastewater Section (Review 12/98)

– over –

SUMMARY OF IMPROVEMENTS NEEDED (cont.)

Improvement	Repair Within (Days)

INTENT TO SUSPEND OR REVOKE PERMIT

This is to notify you of intent to suspend/revoke your operation permit/certificate of completion 60 days from this date for the following
(circle one) *(circle one)*

violations: _____
[Law or Rule(s)]

If suspended, the operation permit or certificate of completion remains suspended until violations are corrected. A hearing will be held prior to suspension or revocation if you file a petition for a hearing with the Office of Administrative Hearings, P. O. Drawer 27447, Raleigh, NC 27611-7447, in writing within the number of days specified above of your intent to attend the hearing. If you do not petition the Office of Administrative Hearings, the operation permit or certificate of completion will be suspended or revoked.

IMMEDIATE SUSPENSION OR REVOCATION OF PERMIT

This is to notify you of immediate suspension/revocation of your operation permit/certificate of completion for the following violations:
(circle one) *(circle one)*

_____
[Law or Rule(s)]

If suspended, the permit or certificate remains suspended until the violations are corrected. You will be notified of the day and location of a hearing on this suspension or revocation by a hearing officer from the Office of Administrative Hearings.

This the _____ day of _____, 19 _____.

_____ Agent
DIVISION OF ENVIRONMENTAL HEALTH

INSTRUCTIONS

Purpose: Article 11 of Chapter 130A requires the Commission for Health Services to adopt rules governing the design, construction, and operation of on-site wastewater systems. 15A NCAC 18A .1937 specifies that the local health department shall determine whether systems with an Operation Permit are operating properly at a frequency specified in Rule .1961, Table V(a), and that systems which exceed 3,000 gallons per day and other systems which are required to be designed by a professional engineer shall be reinspected annually. This form is developed to be used in making inspections of engineered subsurface wastewater systems.

Preparation: Local environmental health specialists shall complete the form every time they conduct an inspection. Prepare an original and two copies for:

1. Original to be left with the responsible person.
2. Copy for the local health department.
3. Copy for the On-Site Wastewater Section, Division of Environmental Health.

In the event the permit is suspended or revoked, complete the portion above.

Disposition: This form may be destroyed in accordance with Standard 7, Inspection Records, of the *Records Disposition Schedule* published by the N.C. Division of Archives and History.

Additional forms may be ordered from: On-Site Wastewater Section
Division of Environmental Health
P. O. Box 29594
Raleigh, NC 27626-0594
(Courier 52-01-00)

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES AGENCY
ENVIRONMENTAL LABORATORY
SAMPLE FIELD DATA SHEET/CHAIN OF CUSTODY

Field I.D.#: 209456 Dept.: INWS
Project: PME

Site Sampled: MAX BARNES
Address: 3907 WALTER NELSON
Source Sampled: WELL HEAD ☒ Potable ☐ NonPotable
Source Treatment: ☐ Chlorinated ☒ Nonchlorinated ☐ Unknown
Sample Temperature: _____ °C

Sample Collected On:
Date: 11/18 Time: 9:15 ☒AM ☐PM
Collected By: DAVID CORNELIUS (Signature)

Relinquished to Lab On:
Date: 11/18 Time: 2:30 ☐AM ☐PM
Relinquished By: DAVID CORNELIUS (Signature)

☐ Compliance Sample: Appropriate reporting forms must be completed, see laboratory.

Report Results To: DAVID CORNELIUS

Lab I.D. #: 8360
Rec'd By: [signature] (Signature)
Date Rec'd: 11/18/02
Time: 1605

Sample Condition:
Temperature: 5 °C
Remarks: _____
Data Qualifiers: N

ALL FIELD INFORMATION MUST BE RECORDED TO MAINTAIN CHAIN OF CUSTODY AND TO QUALITY ASSURE DATA

Analytical Data Qualifiers:
A-Quality Control Measure for Method Blank failed
B-Quality Control Measure for Method Detection Limit Standard failed
C-Quality Control Measure for External Standard failed
D-Quality Control Measure for Method Precision failed
E-Quality Control Measure for Method Accuracy failed
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H-Quality Control Measure for Surrogate Standards failed
J-Analysis conducted outside of Parameter holding time

Chain of Custody Data Qualifiers:
N-Field temperature of sample not documented
O-Chain of custody incomplete
P-Sample containers incomplete
Q-Sample containers overfilled
R-Parameter holding time exceeded upon receipt
S-Sample submitted with headspace
T-Preservative flushed from vial
U-Sample not dechlorinated in field
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Laboratory Certifications: N.C. DHHS Laboratory # 37527, N.C. DENR Certificate # 192

SHADED AREA FOR LAB USE ONLY

Bacteriologicals
Total coliform ☒ Present Colonies /100 mL
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E. Coli ☐ Absent Colonies/100 mL
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E = Estimated

Miscellaneous
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Chlorophyll a ☐ _____ ppb

Aggregate Organics
BOD_5 ☐ _____ ppm
COD ☐ _____ ppm
Oil and Grease ☐ _____ ppm
Phenol ☐ _____ ppm
Surfactant ☐ _____ ppm
TOC ☐ _____ ppm
TOX ☐ _____ ppb

Organics
Acid Herbicide ☐ See Report
PCB ☐ See Report
Pesticide ☐ See Report
Semivolatile ☐ See Report
TPH:
Diesel ☐ _____ ppm
Gas ☐ _____ ppm
VOC ☐ See Report

Inorganic Non Metals
Acidity ☐ _____ ppm
Alkalinity ☐ _____ ppm
Chloride ☐ _____ ppm
Color ☐ _____ units
Cyanide, Total ☐ _____ ppm
Fluoride ☐ _____ ppm
Hardness ☐ _____ ppm
Nitrogen, Ammonia ☐ _____ ppm
Nitrogen, Nitrate + Nitrite ☐ _____ ppm
Nitrogen, Nitrate ☐ _____ ppm
Nitrogen, Nitrite ☐ _____ ppm
Nitrogen, Total Kjeldahl ☐ _____ ppm
pH ☐ _____ units
Phosphorus, Ortho ☐ _____ ppm
Phosphorus, Total ☐ _____ ppm
Residue, Filterable ☐ _____ ppm
Residue, Suspended ☐ _____ ppm
Residue, Total ☐ _____ ppm
Specific Conductance ☐ _____ µmho/cm
Sulfate ☐ _____ ppm
Sulfide ☐ _____ ppm
Turbidity ☐ _____ NTU

Mineral Metals

Al ☐	_____ ppm	_____ ppb
Ca ☐	_____ ppm	_____ ppb
Cu ☐	_____ ppm	_____ ppb
Fe ☐	_____ ppm	_____ ppb
Mg ☐	_____ ppm	_____ ppb
Mn ☐	_____ ppm	_____ ppb
K ☐	_____ ppm	_____ ppb
Si ☐	_____ ppm	_____ ppb
Na ☐	_____ ppm	_____ ppb
Zn ☐	_____ ppm	_____ ppb

Toxic Metals
TCLP Metals ☐

Sb ☐	_____ ppb	_____ ppm
As ☐	_____ ppb	_____ ppm
Ba ☐	_____ ppb	_____ ppm
Be ☐	_____ ppb	_____ ppm
Cd ☐	_____ ppb	_____ ppm
Cr ☐	_____ ppb	_____ ppm
Co ☐	_____ ppb	_____ ppm
Pb ☐	_____ ppb	_____ ppm
Hg ☐	_____ ppb	_____ ppm
Ni ☐	_____ ppb	_____ ppm
Se ☐	_____ ppb	_____ ppm
Ag ☐	_____ ppb	_____ ppm
Tl ☐	_____ ppb	_____ ppm
V ☐	_____ ppb	_____ ppm

Remarks: 11/22/02 - DELIVERED LAB RESULTS & CHLORINATION PROCEDURE.

Date Completed: NOV 20 2002

Laboratory Director: [signature] for TBerry

SAMPLE DELIVERY PROCEDURES:

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-All samples submitted to the Lab must be properly labeled and accompanied by a completed Field Data Sheet. All *field information* on the Field Data Sheet must be completed. The Field ID # must be written on each bottle submitted. The parameters requested for each site sampled are indicated by checking the appropriate block(s).

-All samples must be cooled (using ice) between the time of collection and submittal to the Lab.

-All samples must be collected in the bottles provided. Select the correct container from the "container type" column based on the parameters requested. Collect sufficient volume of sample as indicated in the "minimum volume to collect" column based on the parameters requested. With the exception of the 40 ML vials (see note B), fill all containers to 90% full-Do not overfill.

-Samples to be submitted for bacteriologicals must be arranged with laboratory staff by calling (704) 336-5599 prior to delivery. Samples for bacteriologicals can not be accepted on Fridays except in the event of emergencies.

-All samples must be submitted to the Lab as soon as possible and within the time limits indicated in the "holding time" column. Samples must be delivered to the Lab no later than 4:00 pm each day. Samples received later will be dated as received the next day and rejected if the holding time is exceeded. ALL samples with a 48 hour holding time must be submitted to the Lab no later than 12:00 noon on Fridays. In the case of *emergency field situations* or any situation requiring sample delivery outside of these time frames sample delivery must be coordinated through John Barry or Keith O'Neal.

-Samples are submitted to the Lab through the door to the walk-in cooler. Place samples (glass bottles must be cushioned) along with their respective data sheet(s) into the sample crate(s) provided and slide them down the roller rack.

SAMPLE COLLECTION:

For all types of samples: Drinking Water, Surface Water, Nondrinking Groundwater, Wastewater, Soils, Spills, Hazardous Waste-Use these bottles as specified.

PARAMETER	MINIMUM VOLUME TO COLLECT	HOLDING TIME	CONTAINER TYPE
ACIDITY	100 ML	28 DAYS	1000 ML-BLUE CAP
ALKALINITY	100 ML	28 DAYS	1000 ML-BLUE CAP
BACTERIOLOGICALS:			
FECAL COLIFORM-C	100 ML	5 HOURS	100 ML SNAP CAP
FECAL STREP-C	100 ML	5 HOURS	100 ML SNAP CAP
TOTAL COLIFORM-C	100 ML	28 HOURS	100 ML SNAP CAP
E. COLI-C	100 ML	28 HOURS	100 ML SNAP CAP
ENTEROCOCCI-C	100 ML	28 HOURS	100 ML SNAP CAP
BOD	1000 ML	48 HOURS	1000 ML-BLUE CAP
CHLORIDE	35 ML	28 DAYS	1000 ML-BLUE CAP
CHLORINATED PHENOXY ACID HERBICIDE	1000 ML	14 DAYS	1 LITER AMBER GLASS
CHLOROPHYLL A	250 ML	14 DAYS	PLASTIC-LC
COD	30 ML	28 DAYS	250 ML-ORANGE CAP
COLOR	50 ML	48 HOURS	1000 ML-BLUE CAP
CONDUCTIVITY	250 ML	28 DAYS	1000 ML-BLUE CAP
CYANIDE	1000 ML	14 DAYS	1000 ML-BLUE CAP
ETHYLENE GLYCOL-B	40 ML	7 DAYS	GLASS-LC
FLUORIDE	50 ML	28 DAYS	1000 ML-BLUE CAP
HARDNESS	30 ML	28 DAYS	250 ML-RED CAP
METALS:			
ALUMINUM	20 ML	6 MONTHS	500 ML-WHITE CAP
ARSENIC	20 ML	6 MONTHS	500 ML-WHITE CAP
BARIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
CADMIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
CHROMIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
COPPER	20 ML	6 MONTHS	500 ML-WHITE CAP
IRON	20 ML	6 MONTHS	500 ML-WHITE CAP
LEAD	20 ML	6 MONTHS	500 ML-WHITE CAP
MAGNESIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
MANGANESE	20 ML	6 MONTHS	500 ML-WHITE CAP
MERCURY	100 ML	28 DAYS	500 ML-WHITE CAP
NICKEL	20 ML	6 MONTHS	500 ML-WHITE CAP
POTASSIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
SELENIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
SILVER	20 ML	6 MONTHS	500 ML-WHITE CAP
SODIUM	20 ML	6 MONTHS	500 ML-WHITE CAP
ZINC	20 ML	6 MONTHS	500 ML-WHITE CAP
NITROGEN,AMMONIA-A	30 ML	28 DAYS	250 ML-ORANGE CAP
NITROGEN,NITRITE	30 ML	48 HOURS	250 ML-ORANGE CAP
NITROGEN,NITRATE+	30 ML	28 DAYS	250 ML-ORANGE CAP
NITROGEN,KJELDAHL	30 ML	28 DAYS	250 ML-ORANGE CAP
OIL AND GREASE	2500 ML	28 DAYS	2 ½ LITER AMBER GLASS
PCB/PESTICIDES	2000 ML	7 DAYS/40 DAYS	1 LITER AMBER GLASS
PH	100 ML	FIELD ANALYSIS	1000 ML-BLUE CAP
PHENOL	500 ML	28 DAYS	GLASS-LC
PHOSPHORUS,ORTHO	30 ML	48 HOURS	250 ML-ORANGE CAP
SEMIVOLATILES	2000 ML	7 DAYS/40 DAYS	1 LITER AMBER GLASS
SOLIDS,DISSOLVED	250 ML	7 DAYS	1000 ML-BLUE CAP
SOLIDS,SUSPENDED	250 ML	7 DAYS	1000 ML-BLUE CAP
SOLIDS,TOTAL	100 ML	7 DAYS	1000 ML-BLUE CAP
SULFATE	100 ML	28 DAYS	1000 ML-BLUE CAP
SULFIDE	100 ML	7 DAYS	1000 ML-BLUE CAP
SURFACTANT	500 ML	48 HOURS	1 LITER AMBER GLASS
TCLP METALS	250 ML	6 MONTHS	500 ML-WHITE CAP
TPH:			
DIESEL FRACTION	2000 ML	14 DAYS	1 LITER AMBER GLASS
GASOLINE-B	40 ML	14 DAYS	GLASS-LC
TURBIDITY	100 ML	48 HOURS	1000 ML-BLUE CAP
VOC-B	(2) 40 ML	14 DAYS	GLASS-LC

A=For this parameter, residual chlorine MUST be destroyed at time of collection. Samples received that contain residual chlorine will be rejected.

B=VOC samples, Ethylene glycol, and TPH: Gasoline Fraction are to be collected in duplicate, collect two (2) 40 ML round glass vials for each sample. Collect VOC samples with no air headspace above sample. The teflon side of the cap MUST face the sample.

C=Bacteriological samples ONLY. These are sterile containers that contain a sodium thiosulfate tablet for neutralizing residual chlorine. DO NOT flush the tablet from the container.

LC=Labeled Container. Use only the containers specifically prepared for these analyses.

North Carolina State Laboratory of Public Health
Department of Health and Human Services
P. O. Box 28047 -- 306 N. Wilmington St. -- Raleigh, N. C. 27611-8047

INORGANIC CHEMICAL ANALYSIS - PRIVATE WATER SYSTEM

Name of System: Barnes, Max
Address: 3907 Walter Nelson Rd.
Charlotte, NC **Zip:** 28227

County: MECKLENB

Report To: Mecklenburg Co. Env. Health
700 North Tryon Street
Charlotte, NC 28202
Courier: 05-16-21

ATTN: David Cornelius
(704) 336-5101

Source of Water: Ground
Source of Sample:
Type of Sample: Raw
Type of Treatment: None
Type of Analysis Private

Collected By: D. CORNELIUS **Date:** 11/18/02 **Time:** 9:15:00 AM
Location of sampling point: Well Head
Remarks:

Parameters	Results	Units	Date Analyzed:
Acidity as CaCO3	13	mg/l	11/20/02
Silver	<0.05	mg/l	11/20/02
Alkalinity as CaCO3	50	mg/l	11/20/02
Arsenic	<0.001	mg/l	11/20/02
Barium	<0.1	mg/l	11/20/02
Calcium	11.2	mg/l	11/20/02
Cadmium	<0.005	mg/l	11/20/02
Chloride	6	mg/l	11/20/02
Chromium	<0.01	mg/l	11/20/02
Copper	<0.05	mg/l	11/20/02
Fluoride	<0.20	mg/l	11/20/02
Iron	<0.05	mg/l	11/20/02
Hardness as CaCO3 (Ca,Mg)	45	mg/l	11/20/02
Mercury	<0.0005	mg/l	11/20/02
Magnesium	4.2	mg/l	11/20/02
Manganese	<0.03	mg/l	11/20/02
Sodium	8	mg/l	11/20/02
Lead	<0.005	mg/l	11/20/02
pH	6.7	Std. unit	11/20/02
Selenium	<0.005	mg/l	11/20/02
Zinc	<0.05	mg/l	11/20/02

Date Received: 11/20/02 **Report Date:** 1/1/81 **Reported By:**
Today's Date: 12/12/02 **Ref:** 15930 **Login Batch:** 02110043 **Sample Number:** AA85769

Explanations

Coliform Analysis:
If coliform bacteria are Absent, the water is considered safe for drinking purposes. If coliform bacteria are Present, the water is considered unsafe for drinking purposes. Presence of E. *coli* (bacteria) generally indicates that the water has been contaminated with fecal material. It must be remembered that a water analysis refers only to the sample received and should not be regarded as a complete report on the water supply.

Inorganic Analysis:
Recommended limits for drinking water. Sample should not exceed levels listed below:

Alkalinity	No established limits	Iron	0.30 mg/l
Arsenic	0.05 mg/l	Lead	0.015 mg/l
Calcium	No established limits	Magnesium	No established limits
Chloride	250 mg/l	Manganese	0.05 mg/l
Copper	1.3 mg/l	Nitrate	10 mg/l (as N)
Fluoride	4 mg/l	Nitrite	1.0 mg/l (as N)
Hardness	No established limits	pH	Not less than 6.5 units
		Zinc	5.0 mg/l

COPY

INSPECTION STATEMENT
MECKLENBURG COUNTY HEALTH DEPARTMENT

Max O. Barnes
3907 Walter Nelson Rd.
Charlotte, NC 28227

Please Make Check Payable To:

Mecklenburg County Health Department
700 N. Tryon Street Suite 211
Charlotte, NC 28202

Note: THIS COMPLETED FORM MUST ACCOMPANY PAYMENT!

DESCRIPTION OF PROPERTY

Name	Site Address	Tax Parcel	File Number	System Type
Max O. Barnes	3907 Walter Nelson Rd.	13531236	2721A	IIIb
[redacted]				**Total Amount Due: $85.00**

Please use the following space below, to make any corrections to property information.

Name _____

Site Address _____

_____

# of Bedrooms 3 _____

BILL INFORMATION

Billing Date: 10/31/02

Payment Due Date: 11/14/02

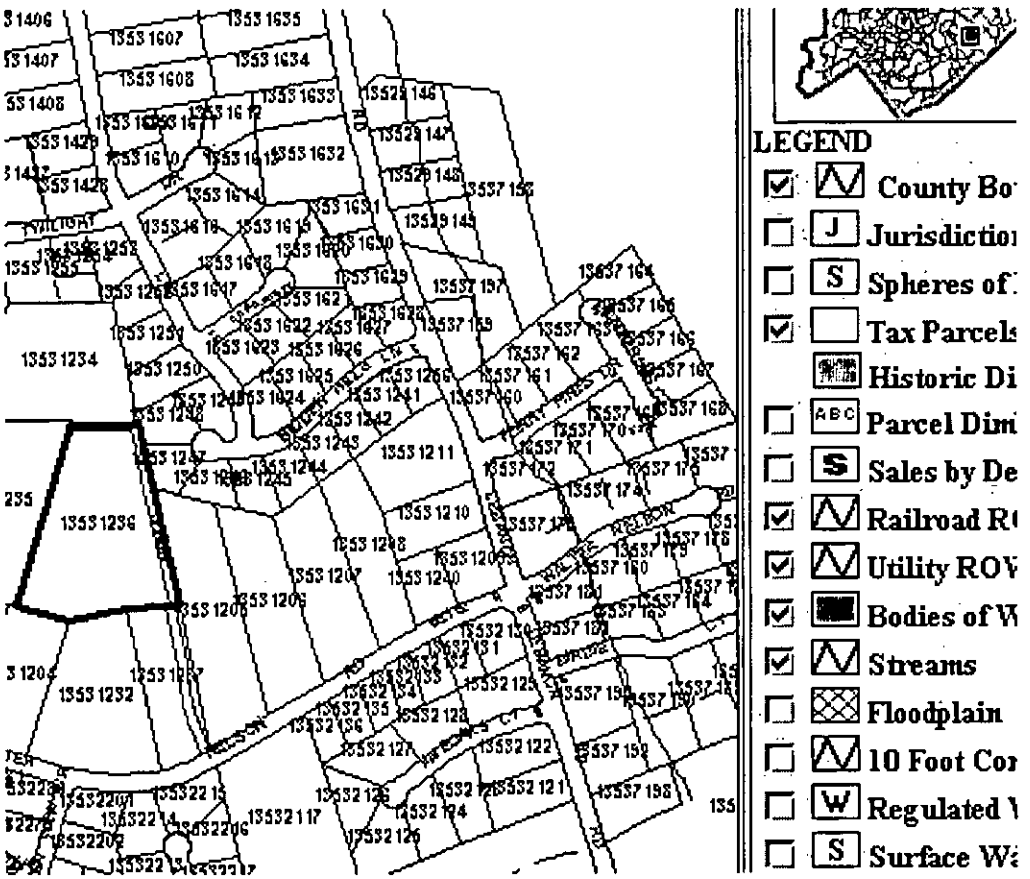
Direct Questions Concerning This Bill to .....(704) 336-5571

☑ *Please check if you have a well.*

Make Check Payable To Mecklenburg County Health Department
Your Cancelled Check Is Your Receipt

DO NOT SEND CASH

Parcel-Id#: 13531236 GIS Map#: 13531236	Legal Desc.: TR3 M21-802
Account Type: INDIVIDUAL	Deed Book/Page: 11519/511 GET DEED! Date: 8/23/2000
Owner: BARNES MAXIE ODELL	Sales Price: $0
Add. Owner: HASELTINE M BARNES (LIFE EST)	Sales Date: 8/23/2000 Qualified Sale: N
Mailing: 3907 WALTER NELSON RD	Neighborhood Code: 13503
Address:	Historic Desig.: Farm Desig.:
City: CHARLOTTE	Deed Acreage: 5.376 Assessed Acreage: 5.376
State: NC ZIP: 28227	Assessed Land Value: $55480
Location: 3907 WALTER NELSON RD Get Directions	Total Assessed Value: $195850
Municipality: MINT HILL	Tax Bill Information: Click Here!



October 31, 2002

MECKLENBURG COUNTY
Health Department

Max O. Barnes
3907 Walter Nelson Rd.
Charlotte, NC 28227

Dear Mr. Barnes:

The North Carolina Administrative Code requires routine maintenance and inspections of certain septic tank systems that utilize pumps. Our records indicate that the required inspection of the Type IIIb septic system, which serves as the wastewater treatment and disposal system for the residence located at 3907 Walter Nelson Rd., Charlotte, NC is due.

> In accordance with Section .1900 of the North Carolina Administrative Code, North Carolina Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, Subchapter 10A, Sanitation, states in part: " System management in accordance with Tables V(a) and V(b) of this Rule shall be required for all systems installed or repaired after July 1, 1992."

This department will be making inspections on all systems that fall under this requirement. The fee for this service is $85.00. In addition, if you have a well, a bacterial sample will be collected to help assess the quality of your water supply source. The water analysis will be performed at no additional cost.

The inspection program and the water analysis are very important initiatives intended to protect the public's health while improving and preserving our groundwater resources. We highly recommend and prefer that you contact our office to make an appointment for the inspection of your system. If we have not heard from you by November 14, 2002 we will proceed with our inspection activities on your property. You will be apprised of our assessments and recommendations for the continued efficient operation of your septic tank system.

To set up an appointment for an inspection, or if you should have any questions regarding this matter, please feel free to contact me at (704) 336-5571.

Sincerely,

David Cornelius, R.S.I., Coordinator
Managed Systems Program
Individual Water and Wastewater Systems

Enclosure: Inspection Statement

INSPECTION STATEMENT
MECKLENBURG COUNTY HEALTH DEPARTMENT

Max O. Barnes
3907 Walter Nelson Rd.
Charlotte, NC 28227

Please Make Check Payable To:

Mecklenburg County Health Department
700 N. Tryon Street Suite 211
Charlotte, NC 28202

Note: THIS COMPLETED FORM MUST ACCOMPANY PAYMENT!

DESCRIPTION OF PROPERTY

Name	Site Address	Tax Parcel	File Number	System Type
Max O. Barnes	3907 Walter Nelson Rd.	13531236	2721A	IIIb
				Total Amount Due: $85.00

Please use the following space below, to make any corrections to property information.

Name _____

Site Address _____

_____

# of Bedrooms _____

BILL INFORMATION

Billing Date: 10/31/02

Payment Due Date: 11/14/02

Direct Questions Concerning This Bill to .....(704) 336-5571

☐ *Please check if you have a well.*

Make Check Payable To Mecklenburg County Health Department
Your Cancelled Check Is Your Receipt

DO NOT SEND CASH

CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 2721A DATE: 2/5/97
PO
TC: 135-312-30 L ~~CRT~~
SERIAL № 16840

Name of Owner Max O. Barnes Juris.:

Address of Property 3907 Walter Nelson Rd

Inspection Data:

Tank Material PCC

Total Length of Drainfield 400

Number of Lines 4 @ 100' each

Cover Depth 8-12"

Water Supply Source Well

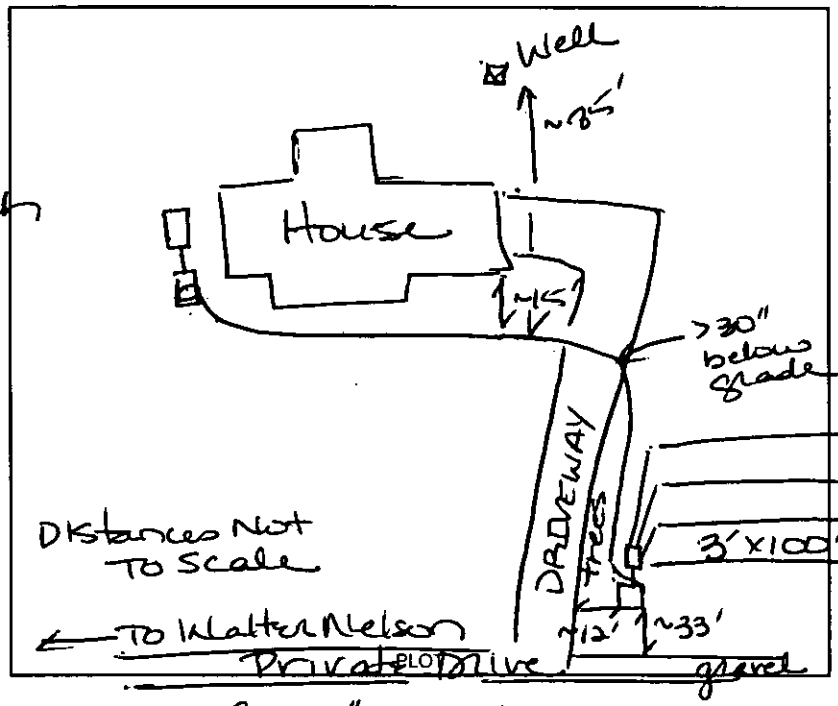
Distance to Water Source ~85'

Excavation Inspected 2/5/97

Tank(s) Inspected 2/5/97

Wash Line Inspected NA

High Water Alarm Inspected 2/5/97



Design ~~1500~~ CON, 1500g ST, 1000g PT, P, 1200ft², 12"G, Cecil-like from CTR# W.T. 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 15A 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 Goulds EPO 41A

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 15A 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: 3 Bedroom residence, Type III (b) CON

Linda B. Mialik, RS
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

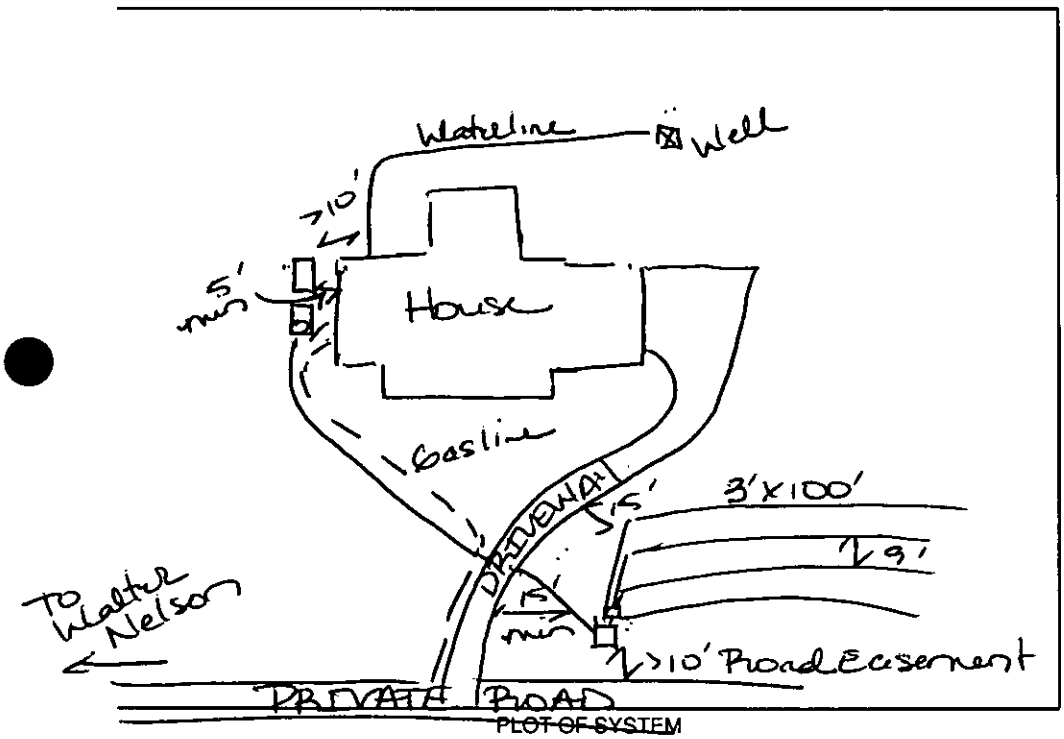
FILE: 0721 A DATE: 1/23/97

TC: 135-312-36 PO [ ] L

SERIAL Nº 17045

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 6/14/96. All work shall be completed on or before 2/23/97, 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.

Washer Box + D. Box



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Trench Depth 22"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous ✓

Total Line Length 400 feet

Number of Lines 4@100' each

Depth of Stone 12" 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 Max O. Barnes

LOCATION OF PROPERTY 3907 Walter Nelson Rd

Comments:

- septic tank may require additional sealant (to mastic).
- Install nitrification lines on contour - Maximum trench depth 22"
- Keep supply line 36" minimum below driveway grade. (A)

Liba B. Mialik, RS
Environmental Health Specialist

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

D.P. 356-0561

Legacy
BUILDERS INC

CRAIG J. MILLER
President

QUALITY
CONSTRUCTION
AND REAL ESTATE
SERVICES

P.O. Box 367
Waxhaw, North Carolina 28173
(704) 843-4860

FEE: 100.00 CK# 1016
DATE: 6/14/96 SC

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

CK #1022 6/11/96
$200.00 1 1 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 #: 2721A

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 135-312-36P0

STREET ADDRESS: 3907 Walter Nelson Rd.

SUBDIVISION OR MOBILE HOME PARK NAME: NA

LOT NUMBER: 1

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: 2,000 ±

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 2

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:

N/A

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: Barnes (LAST) Max (FIRST) O. (MI)

ADDRESS:

CITY: Mathews STATE: N.C. ZIP:

DAYTIME PHONE: 704 849-9801

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Miller (LAST) Craig (FIRST) J. (MI)

DAYTIME PHONE: 704 843-4860

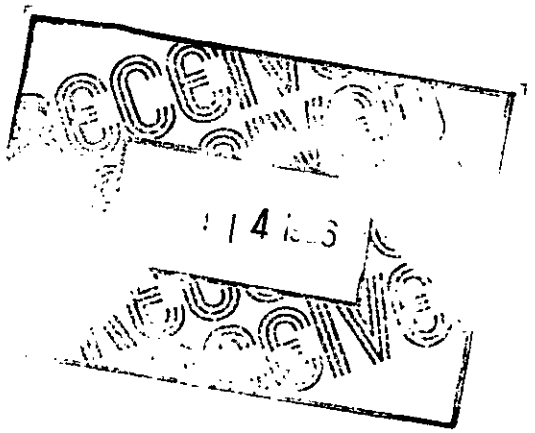
Digital Pager 356-0561 *

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 1994

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: Craig J Miller DATE: 6-14-96

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



FEE: _____ **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: _____ **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 7-9-96 **PERMIT NO:** 2721 A
PARCEL NO: 135-312-32,37

JOB LOCATION ADDRESS: 3507 Walter Nelson Road
PROPERTY OWNER: Max O. Barnes
BUILDING CONTRACTOR: Craig Miller
SUBDIVISION NAME: _____
AUTHORIZATION ISSUED BY: Larry B. Thompson, Jr. REHS **DATE:** 7-9-96
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 2721 A, 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: Well must be 50' off house foundation - 100' off of septic system and repair area.

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.

Max O. Barnes — July 9 - 1996
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE — DATE

Permit Number: 2721A

Tax Number: 135-312-32, 37

- 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
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	___ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1

3 Long-term acceptance rate	360 Max gallons/day wastewater flow	1200 Absorption Area (sq ft)	9' Trench spacing (min. on centers)
Yes Serviced by private well	1500 Gallon septic tank	400 Total trench length (ft)	22" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)
3 Bedrooms in residence	1000 Gallon pump tank	12" Depth of stone	

Any surface waters present: Type: Minimum separation distance:

Site modifications required:

Additional Conditions: Keep well 50' off house foundation - 100' off of septic system and repair area.
Alarm for pump tank to be installed according to State sewage regulations.

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	___ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1

1200 Absorption Area (Sq ft) 400 Total Trench Length (Ft)	12" Depth of Stone Trench	9' Trench spacing (min. on centers)	22" 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 th 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 effe 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 Departmer
- This Improvement permit is transferable.

Larry L. Thompson, Jr. L.S. 7-9-96
DEHNR Authorized Agent Date

Mary A. Barnes July 9, 1996
Owner/Agent Signature Date

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-100195

PROPOSED PLOT PLAN

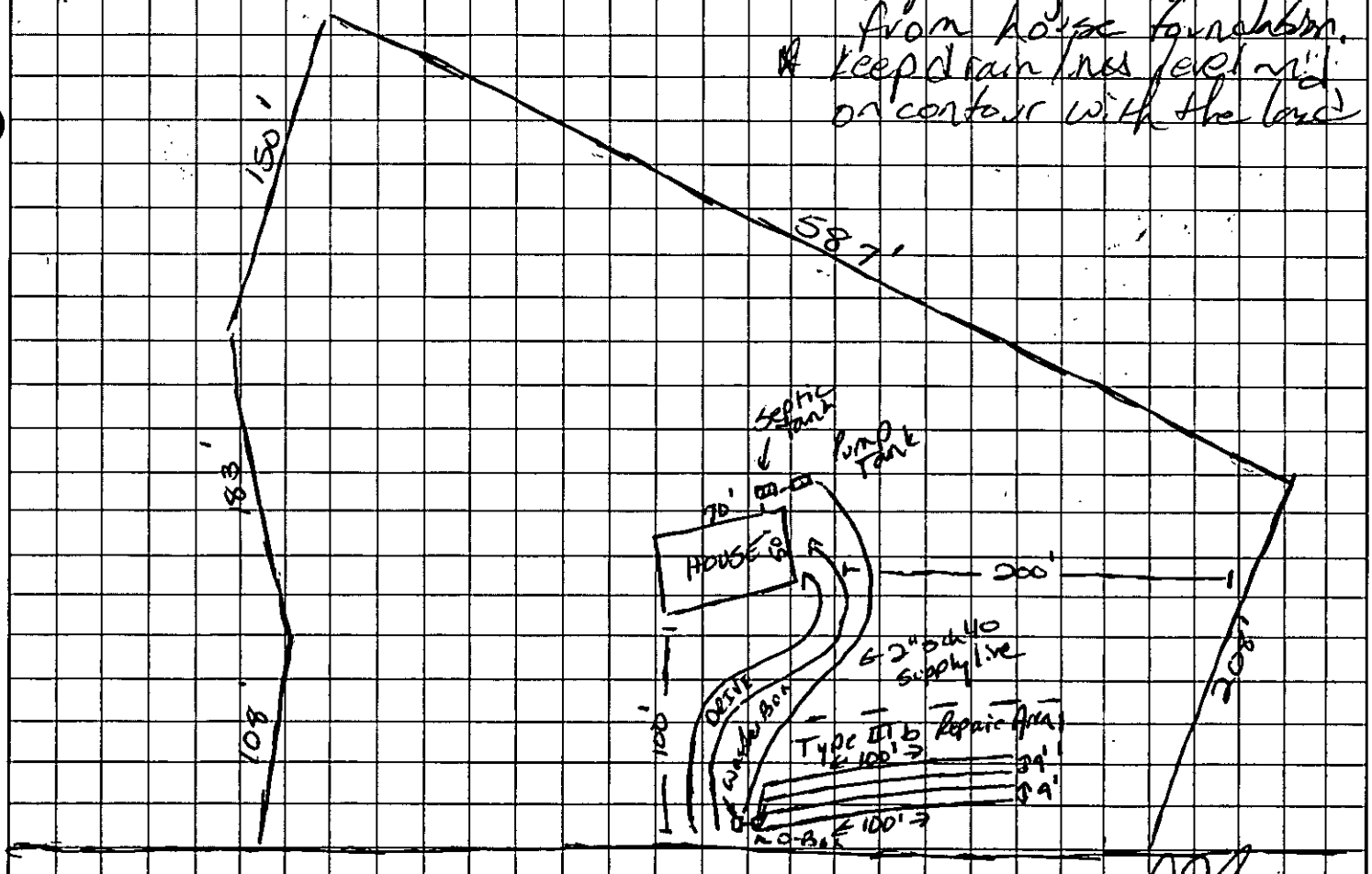
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 2721 4

TC: 135-312-32.37

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
- 1500 SF
- 1000 PF
- washer Box
- O-Box
- (4) 3'w x 100' x 12" spac
- 22" trench depth
- keep well 100' from septic system - 50' from house foundation.
- keep drain lines level w/ or contour with the land



OWNER/AGENT SIGNATURE Mark O. Barnes

DATE July 9, 1996

APPROVAL DATE 7-9-96 R. Thompson

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
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

#1 2721 A
PO 135-312-36

OWNER: Mary O. Barnes
APPLICANT:
ADDRESS: Meetheeser N.C.
APPLICATION DATE:
DATE EVALUATED:
PROPOSED FACILITY: residence
PROPOSED DESIGN FLOW (.1949):
PROPERTY SIZE: .25 ac
LOCATION OF SITE: 3907 Walter Nelson Rd
PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ 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	1956 SAPRO CLASS	1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS/NS	0-6"	gr/cl	Fr/SEXP/SS/SP	>47" To Chroma 2 Colors	47"	N/A	None	PS IV .39/F2
		6-47"	sBK/C	Fr/SEXP/S/P					
2	LS	0-4"	gr/cl	Fr/SEXP/SS/SP	>47" To Chroma 2 Colors	47"	N/A	None	PS IV .39/F2
		4-47"	sBK/C	Fr/SEXP/S/SP					
3	LS	0-8"	gr/cl	Fr/SEXP/SS/SP	>40" To Chroma 2 Colors	40"	N/A	None	PS IV .39/F2
		8-40"	sBK/C	Fr/SEXP/S/P					
4	LS/NS	0-4"	gr/cl	Fr/SEXP/SS/SP	>34" To Chroma 2 Colors	34"	N/A	None	PS IV .39/F2
		4-34"	sBK/C	Fr/SEXP/S/SP					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): Provisionally Suitable
EVALUATED BY: W.R. Mills 7-5-96
OTHER(S) PRESENT:

COMMENTS:

100% Repair
Explain why need Repair use the following standard abbreviations

LEGEND

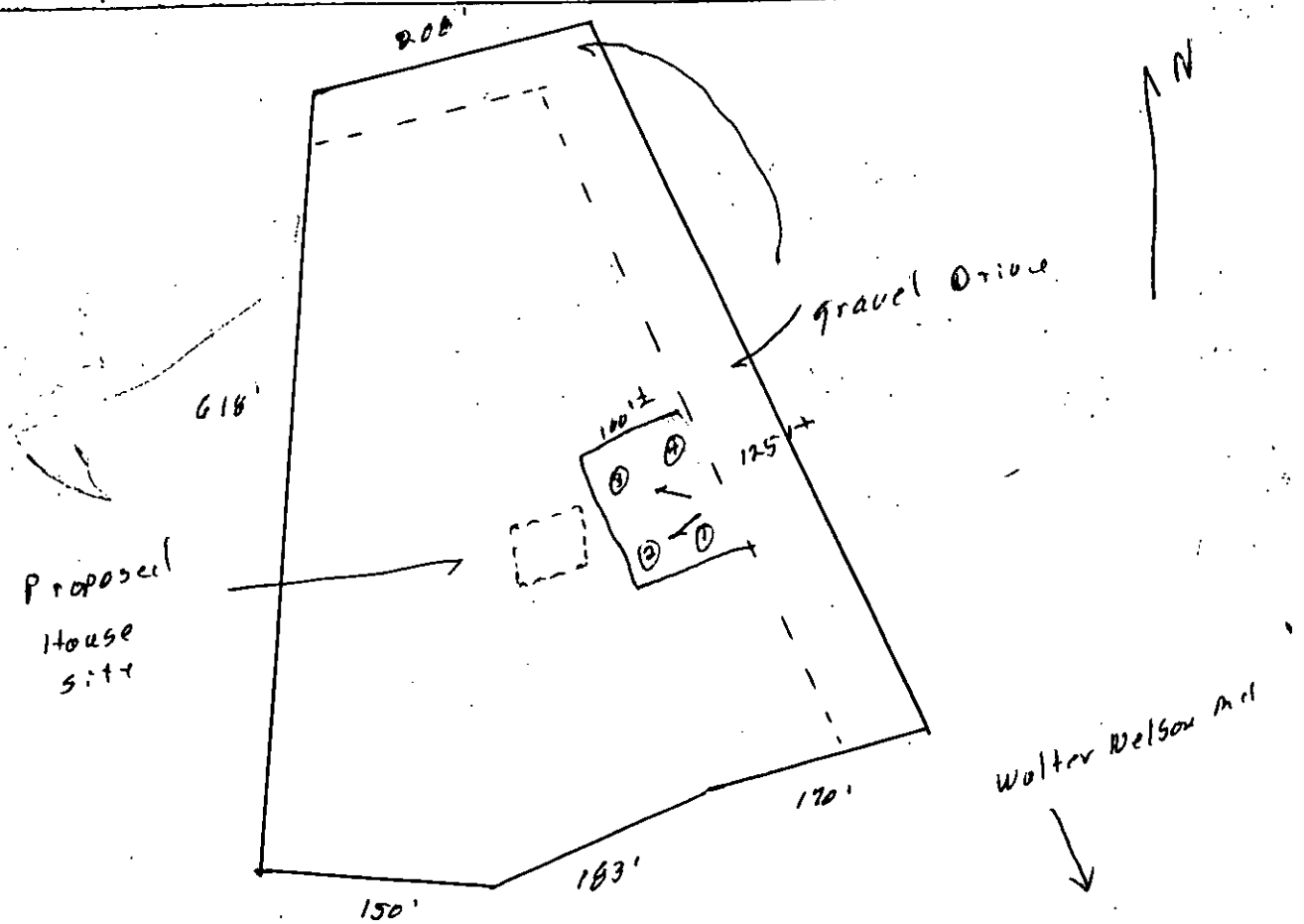
LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
V (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
(Drainage Way)					EXP (Expansive)	CR (Crumb)
S (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
P (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
S (Foot Slope)						ABK (Angular Blocky)
(Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
(Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
(Nose Slope)		CL (Clay Loam)				
(Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
(Shoulder Slope)		SUC (Silt Loam Clay)				
(Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

OTES

ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRUCTIVE HORIZON	Thickness and depth from land surface
IPROLITE	S(suitable) or U(unsuitable)
OIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designatio
LASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

valuation of saprolite shall be by pits.
ong-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



$50.00 - 4/20/94

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

27218 — CR# 2480 — [] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:
NAME: COOPER (last) STEPHEN (first) L (mi)
ADDRESS: 2901 PROVIDENCE RD PHONE: (704) 366-8791
CITY: CHARLOTTE STATE: NC ZIPCODE: 28211

Date: 3/31/94

PROPERTY OWNER:
NAME: STYRON (last) WILLIAM (first) D (mi)
ADDRESS: 9000 GLENCROFT RD PHONE: (704) 545-8004
CITY: CHARLOTTE STATE: NC ZIPCODE: 28227

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 135-312-36
STREET ADDRESS: 3907 WALKER NELSON RD
ZONING:

Township (check one):
[X] 0 Mecklenburg County [] 2 Davidson [] 4 Pineville [] 6 Huntersville
[] 1 Charlotte [] 3 Cornelius [] 5 Matthews [X] 7 Mint Hill

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: LOT SIZE (in acres):

TYPE APPLICATION (check one):
[X] SOIL TEST - INDIVIDUAL LOT (D)
[] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[] COMMERCIAL OR INDUSTRIAL (N)
[] SOIL TEST DEVELOPMENT (P)
[] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
[] MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
[] SINGLE MOBILE HOME (S) [X] HOUSE (H) [] MULTIPLE FAMILY (U)
[] DOUBLE WIDE (D) [] MODULAR HOME (M) [] OTHER _____ (O)

NUMBER BEDROOMS: NUMBER OCCUPANTS:

SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
[] Community (C) [] Shared Well (S)
[] Municipal (M) [] Other 'spring' (O)
[X] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[] Swimming Pool [] Jacuzzi [] Stable/Barn [] Workshop [] None
[] Garage [] Storage Building [] Deck/Patio [] Bedrooms [] Other

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: Paula Styron Date: 4/20/94

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, 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 permit is not transferable.

...

[] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Environmentalist Date

Director or Authorized Section Head Date

WATER : 122791

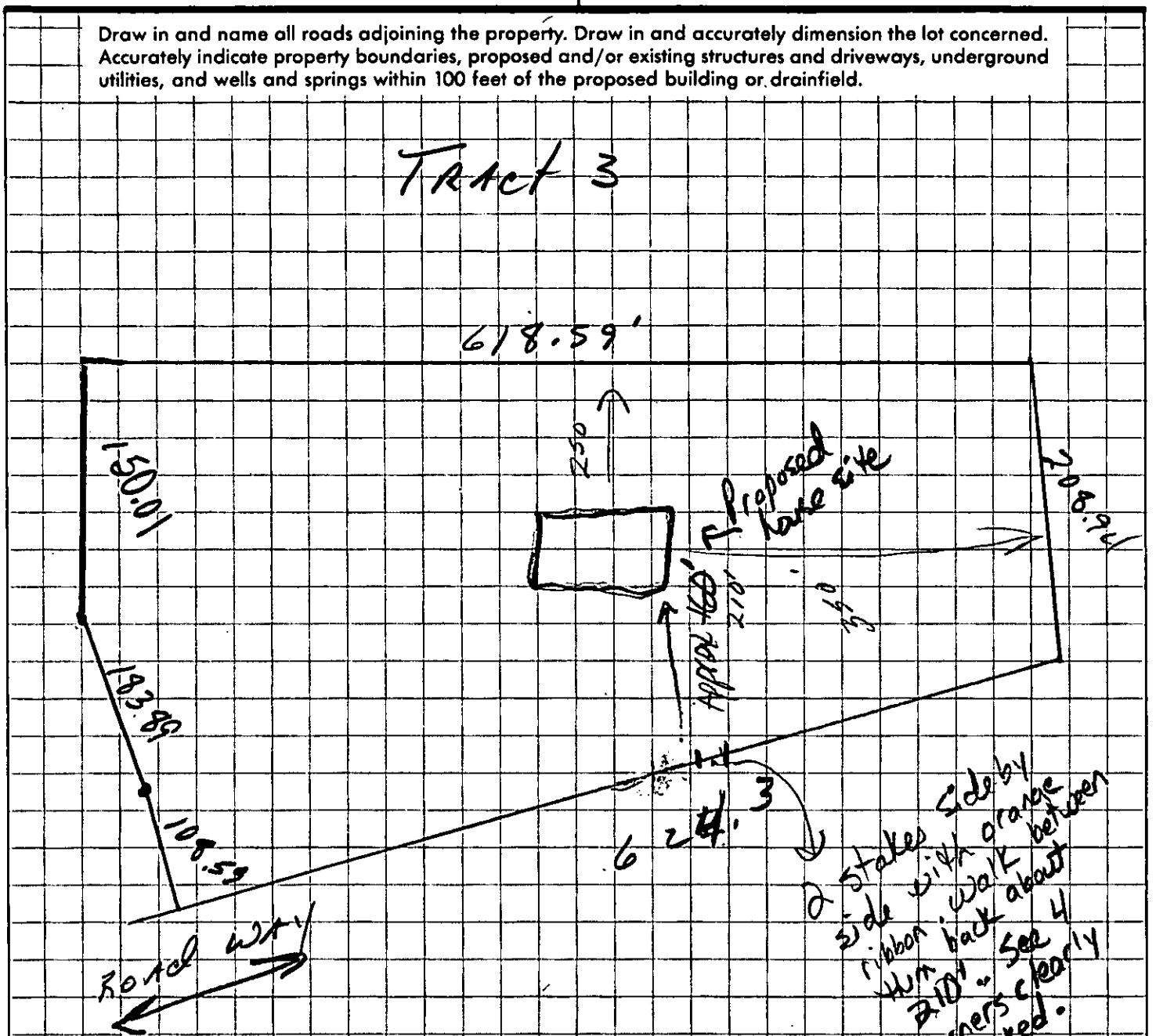
PROPOSED PLOT PLAN

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

FILE: 2721A

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 _____

White - Health Department's Copy Canary - Environmentalist's Copy Pink - Owner's Copy

Mecklenburg County
Health Department

Betty S. Snow, R.N., M.A.
Health Director

May 4, 1994

William D. Styron
9000 Glencroft Road
Charlotte, NC 28227

RE: Property located on 3907 Walter Nelson Road
FILE: 2721A
PARCEL: 135-312-36PO

Dear Mr. Styron:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The property was found to contain a limited area of soils which were classified as PROVISIONALLY SUITABLE for such an installation. A copy of the Site Evaluation Report (Serial Number 20327) is enclosed for your information.

While this classification indicates the site is acceptable for the installation of a septic tank system, no specific system or plans have been approved. The area available for such an installation may impose limitations on the size and/or type construction permitted on the lot. Specific plan approval will be provided upon submission of an Application for an Improvement Permit with an **ACCURATELY** dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems and determination that the area is adequate to accommodate the proposed construction.

Please note that this classification may be revoked if any filling, grading or construction (including the drilling of a well) is performed on the lot which in the opinion of this department renders any area previously designated suitable for system installation, unsuitable. Furthermore, this approval may be revoked should any changes occur in the regulations under which it was granted, if such changes would have prevented its approval had they been in effect on the date of issuance.

If there are any questions concerning this matter, please contact Bill Marlin, Soil Scientist at 336-5574.

Sincerely,

Kelly Randall

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

Enclosure

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 20327

File: 2721A Action 1

Parcel: 135-312-36 4/60 ☐PC

Location: 3907 Walter Nelson Rd

Subdivision:

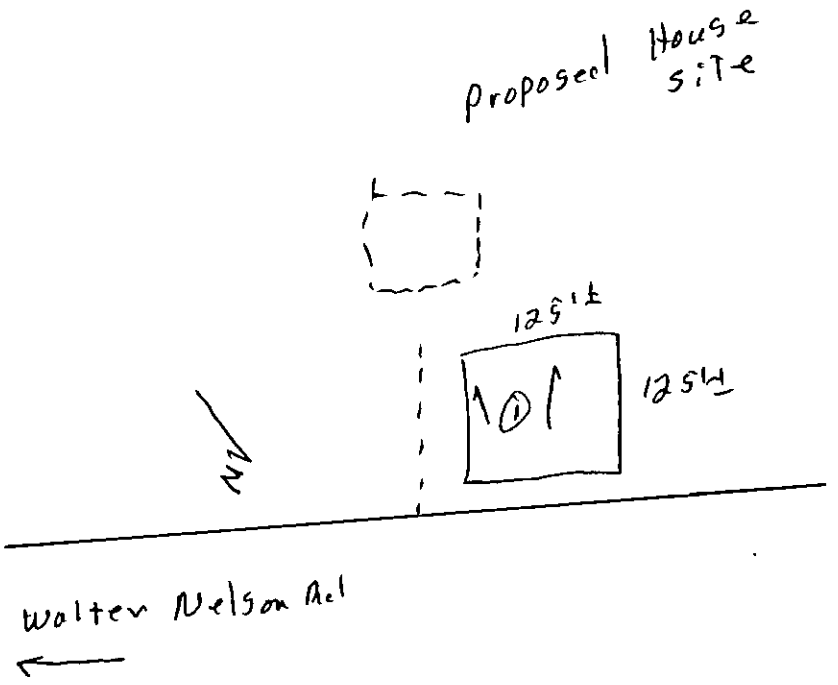
Lot: Block: Acres: Approx .36 ac

Owner: William D. Styron
Address: 9000 Glenecroft Road
Charlotte, N.C. 28227

Comments: .3 gal/ft²/day LTAR system will probably need pump, proposed house site marked as an application

Described by: William R. Marlin

Date: 5/3/94



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-8%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U Slightly Expansive clay	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Subt Blocky	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U 36" to water	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 36"+	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 36"+	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IV Cecil-Lilo					
Area Classification	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 20327

File: 2771A Action 1

Parcel: 00 135-312-36 ☐PC

Location: 3907 Walter Nelson Rd

Subdivision:

Lot: Block: Acres: ADDITIONAL .36 +/-

Owner: William D. Stephen
Address: 1000 Veneyse Road
Marshville, N.C. 28103

Comments: 3 bdrm 1½ ba LTAR system with pedestal pump, propane household water as an alternative

Described by: William R. Marlin

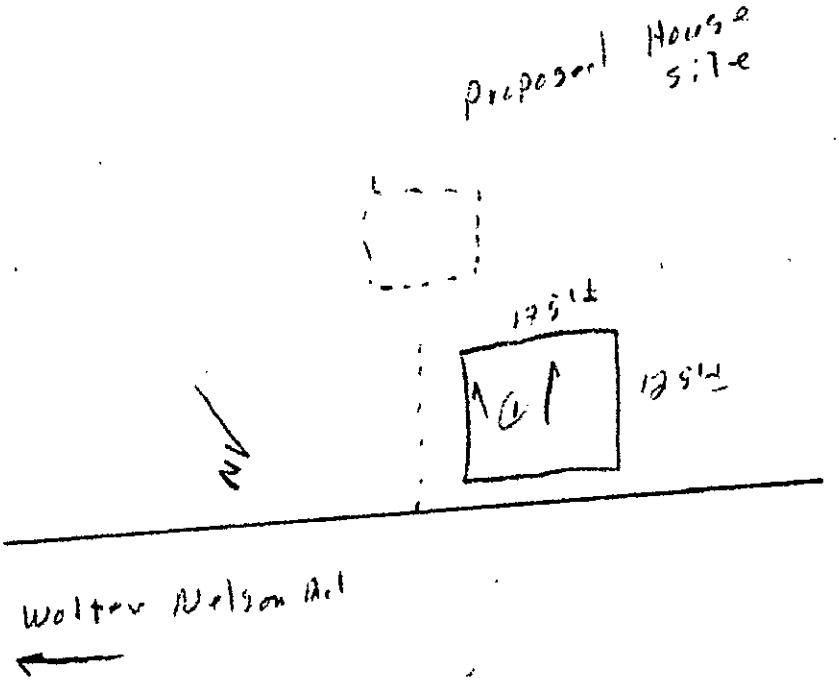
Date: 5/3/94

*** EVALUATION KEY ***

S = Suitable U = Unsuitable

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The "Area Classification" below indicates the suitability of areas in the diagram.



FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-8%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U slightly Expansive clay	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky subs	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U 30 to 36" limited	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U 36"+	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 36"+	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IV Cecil-Hills					
Area Classification	S (PS) U	S PS U	S PS U	S PS U	S PS U	S PS U

(704) 366-8791 BUS., 366-8024 FAX
1-800-537-3638 BUS. TOLL FREE
(704) 333-0114 RESIDENCE

COLDWELL BANKER

STEVE COOPER
REALTOR®

CHAIRMAN'S CIRCLE

REALTOR®

COLDWELL BANKER FLOUHOUSE, REALTORS®
2901 PROVIDENCE ROAD
CHARLOTTE, NC 28211

An Independently Owned and Operated Member of Coldwell Banker Residential Affiliates, Inc.

4/20/94

Mr. Marlin -

This lot is being sold. We are planning on closing on the land on May 11, 1994. If the soil test will not be finished by that time, please call me so we can reschedule the closing.

Steve Cooper

366-8791

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

$50.00 - 4/20/94

27211A

CK # 2480

[ ] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

COPY

(704)336-5102

PERSON FILING APPLICATION:
NAME: COOPER (last) STEPHEN (first) L (mi)
ADDRESS: 2901 PROVIDENCE RD PHONE: (704) 366-8791
CITY: CHARLOTTE STATE: NC ZIPCODE: 28211

Date: 3/31/94

PROPERTY OWNER:
NAME: STYRON (last) WILLIAM (first) D (mi)
ADDRESS: 9000 GLENCROFT RD PHONE: (704) 545-8004
CITY: CHARLOTTE STATE: NC ZIPCODE: 28227

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 135-312-36
STREET ADDRESS: 3907 WALTER NELSON RD
ZONING:

Township (check one):
[X] 0 Mecklenburg County [ ] 2 Davidson [ ] 4 Pineville [ ] 6 Huntersville
[ ] 1 Charlotte [ ] 3 Cornelius [ ] 5 Matthews [X] 7 Mint Hill

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: LOT SIZE (in acres):

TYPE APPLICATION (check one):
[X] SOIL TEST - INDIVIDUAL LOT (D)
[ ] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[ ] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[ ] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[ ] COMMERCIAL OR INDUSTRIAL (N)
[ ] SOIL TEST DEVELOPMENT (P)
[ ] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
[ ] MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[ ] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
[ ] SINGLE MOBILE HOME (S) [X] HOUSE (H) [ ] MULTIPLE FAMILY (U)
[ ] DOUBLE WIDE (D) [ ] MODULAR HOME (M) [ ] OTHER _____ (O)

NUMBER BEDROOMS: NUMBER OCCUPANTS:
SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
[ ] Community (C) [ ] Shared Well (S)
[ ] Municipal (M) [ ] Other 'spring' (O)
[X] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[ ] Swimming Pool [ ] Jacuzzi [ ] Stable/Barn [ ] Workshop [ ] None
[ ] Garage [ ] Storage Building [ ] Deck/Patio [ ] Bedrooms [ ] Other

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: Paula Styron Date: 4/20/94

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules for Sanitary Sewage Collection, 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 permit is not transferable.

...

[ ] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[ ] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[ ] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

_____ Environmentalist Date

_____ Director or Authorized Section Head Date

WATER : 122791

PROPOSED PLOT PLAN

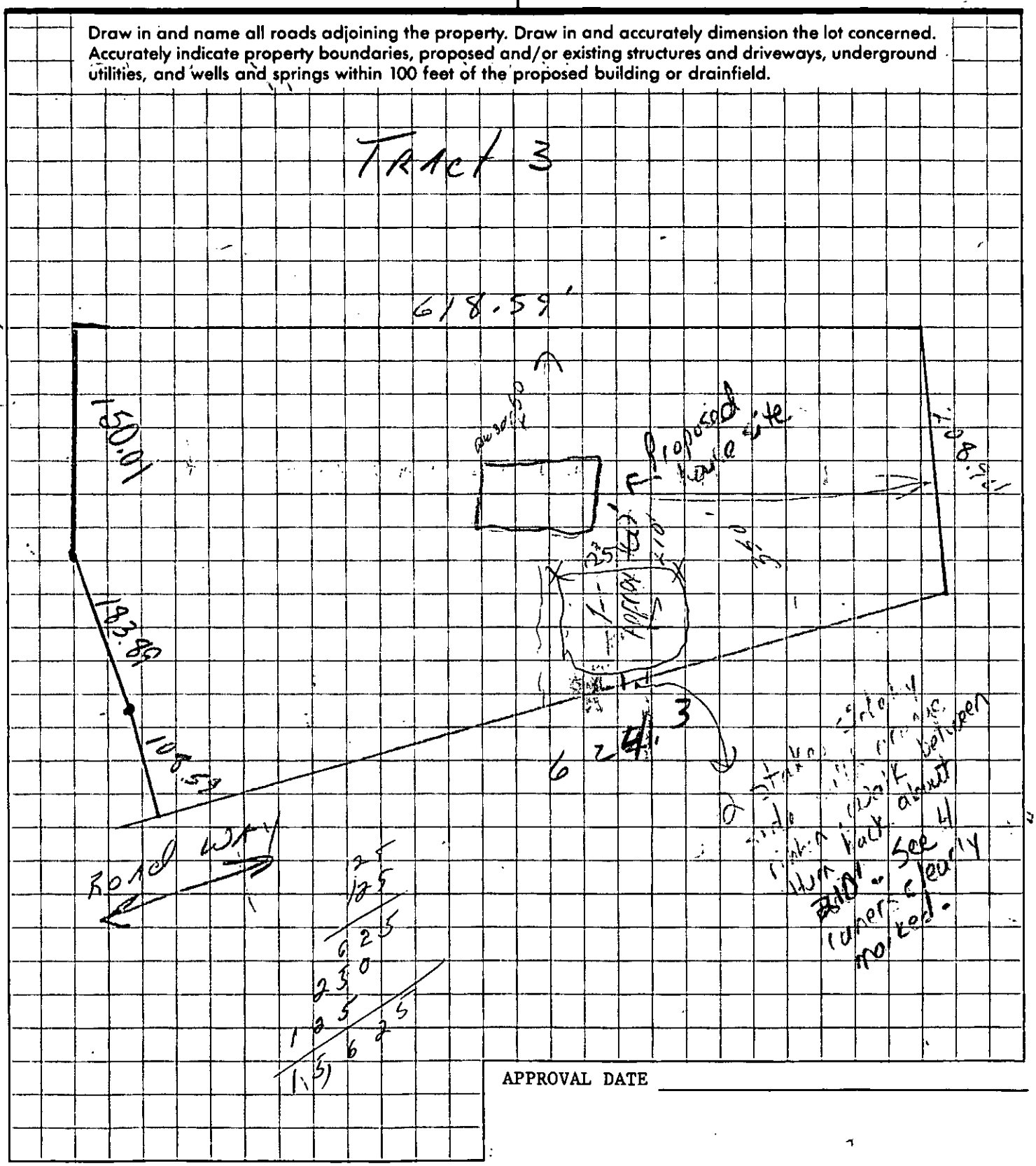
11 Sc: 4/2019

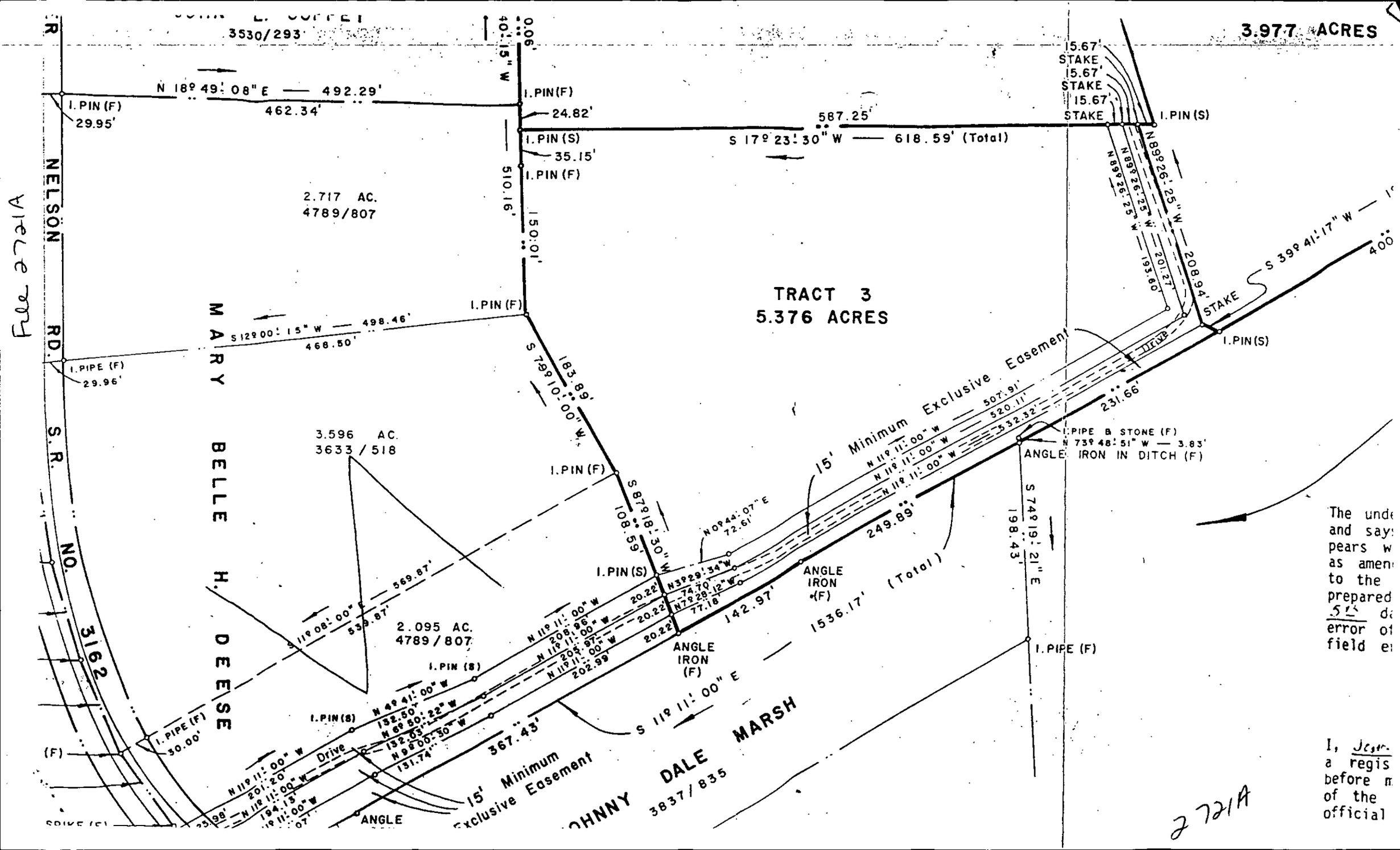
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

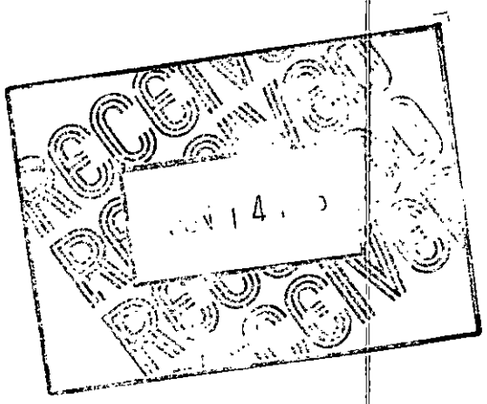
FILE: 2021A

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.


Tract 3
618.59'
150.01'
193.80'
108.59'
Road
Proposed house site
Proposed Drive
25'
10'
Existing Drive
Existing house
Existing house
Existing house


3.977 ACRES
3530/293
N 18° 49' 08" E — 492.29'
462.34'
I. PIN (F)
29.95'
40.15' W
0.06'
I. PIN (F)
24.82'
587.25'
S 17° 23' 30" W — 618.59' (Total)
I. PIN (S)
35.15'
I. PIN (F)
510.16'
150.01'
2.717 AC.
4789/807
15.67' STAKE
15.67' STAKE
15.67' STAKE
I. PIN (S)
N 89° 26' 25" W — 208.94'
N 89° 26' 25" W
201.27'
193.60'
STAKE
S 39° 41' 17" W
400
TRACT 3
5.376 ACRES
I. PIN (F)
S 12° 00' 15" W — 498.46'
468.50'
I. PIPE (F)
29.96'
S 79° 10' 00" W
183.89'
I. PIN (S)
I. PIPE & STONE (F)
N 73° 48' 51" W — 3.83'
ANGLE IRON IN DITCH (F)
231.66'
15' Minimum Exclusive Easement
N 11° 11' 00" W
507.91'
520.11'
532.32'
Drive
3.596 AC.
3633 / 518
I. PIN (F)
S 87° 18' 30" W
108.59'
N 0° 44' 07" E
72.61'
S 11° 08' 00" E
559.87'
2.095 AC.
4789 / 807
I. PIN (S)
N 3° 29' 34" W
74.70'
N 7° 29' 12" W
77.18'
ANGLE IRON (F)
142.97'
249.89'
1536.17' (Total)
S 74° 19' 21" E
198.43'
I. PIPE (F)
I. PIN (S)
N 11° 11' 00" W
20.22'
206.96'
205.87'
202.99'
N 4° 41' 00" W
132.50'
N 6° 30' 22" W
132.03'
N 9° 00' 50" W
131.74'
I. PIPE (F)
30.00'
Drive
N 11° 11' 00" W
201.20'
194.13'
S 11° 11' 00" E
367.43'
15' Minimum Exclusive Easement
ANGLE
NELSON RD.
S.R. NO. 3162
MARY BELLE H. DEESE
JOHNNY DALE MARSH
3837/835
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