

8904 GOSNELL DR

13922230

1/7/2008

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

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CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 4792B DATE: 8-1-02

TC: 139-222-30 ☐ L ☒ CRT

SERIAL Nº 18926

Name of Owner MICHAEL BROOKS Juris.: _____

Address of Property 8904 GOSNELL DRIVE

Inspection Data:

Tank Material PCC 1500

Total Length of Drainfield 435

Number of Lines 5 @ 87'

Cover Depth 12"

Water Supply Source WELL

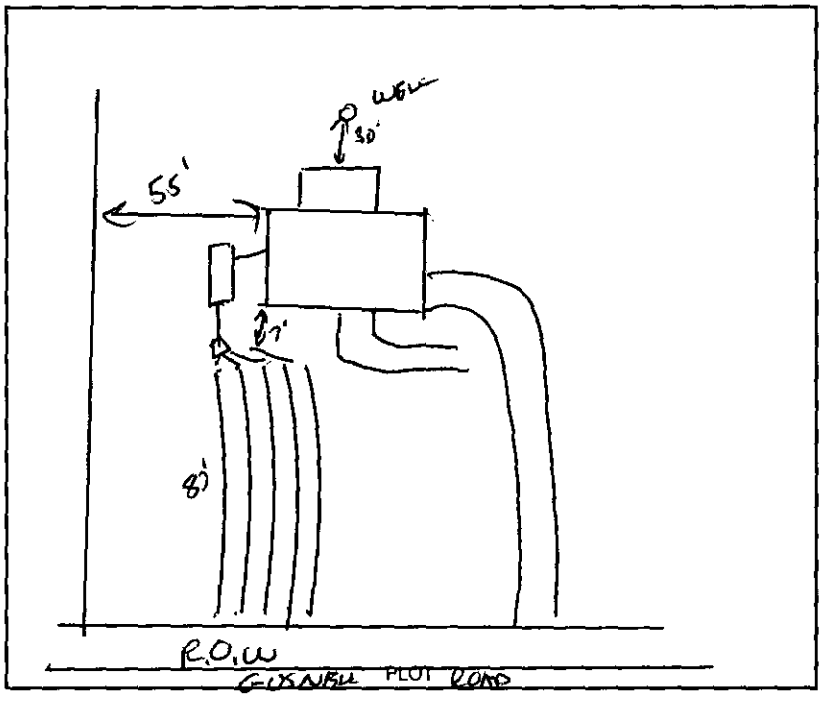
Distance to Water Source 65'

Excavation Inspected 8-1-02

Tank(s) Inspected 8-1-02

Wash Line Inspected —

High Water Alarm Inspected —



Design 1500 ST 1305 SFT CONV 12G 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

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: TYPE II

Environmental Health Specialist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

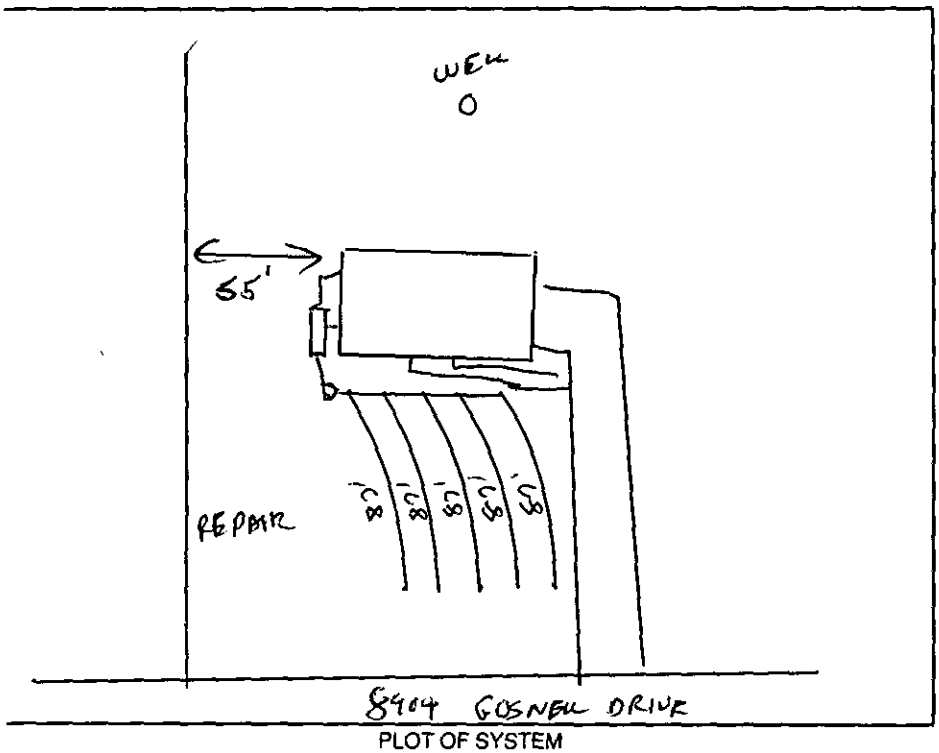
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 4792B DATE: 7-30-02

TC: 139-2230 PL

SERIAL 19112

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 11-4-01. 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.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank — gallons

Tank Construction PCC

Trench Depth 30"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous YES

Total Line Length 435 feet

Number of Lines 5

Depth of Stone 12" inches

Distance from House 5' feet

Distance from Property Line 10' feet

Distance from Well >50 feet

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

NAME OF OWNER MICHAEL BROOKS

LOCATION OF PROPERTY 8904 GOSNELL DRIVE

Comments:

① REPAIR AREA MAY REQUIRE PUMP.

Environmental Health Specialist

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

34545

FEE: 300- **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION** HCS V
DATE: 4/17/02 **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 1/28/02 **PERMIT NO:** 4792-B
PARCEL NO: 134-222-30

JOB LOCATION ADDRESS: 8904 GOSNELL DRIVE
PROPERTY OWNER:
BUILDING CONTRACTOR:
SUBDIVISION NAME: MINT HILL ESTATES, LOT 48, 49
AUTHORIZATION ISSUED BY: [signature] **DATE:** 1-28-02
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 4792-B, 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) DO NOT ISSUE IMPROVEMENT PERMIT OR CA UNTIL SURVEY HAS BEEN SUBMITED SHOWING LOTS 48 + 49 HAVE BEEN COMBINED

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.

Mike Brooks 4-17-02
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number 4792-B

Tax Number: 139-222-30

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	X 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	
295 Long-term acceptance rate	~~300~~ 360 Max gallons/day wastewater now	1309 Absorption Area (sq ft)	9' Trench spacing (min. on centers)	
GPS Serviced by private well	1500 Gallon septic tank	436 Total trench length (ft)	30" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)	
3 Bedrooms in residence	___ Gallon pump tank	12" Depth of stone		
Any surface waters present:	Type:	Minimum separation distance:		
Site modifications required:				
Additional Conditions: * HOLD UNTIL SURVEY IS SUBMITTED SHOWING COMPLOTS 48, 49 COMBINED				
Repair Area System Type Type (circle one): I (II) III IV V VI	X 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	
1309 Absorption Area (Sq ft) 436 Total Trench Length (Ft)	12" Depth of Stone Trench	9' Trench spacing (min. on centers)	30" 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 Departme

... This Improvement permit is transferable.

DEHNR Authorized Agent — Date 1-28-02

Owner/Agent Signature — Date 4-17-02

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

PROPOSED PLOT PLAN

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

FILE: 4792 B

TC: 139-200-30

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.

SCALE 1" = 50'

PERMIT FOR
8904 COSNELL DRIVE
MINT HILL ESTATES, LOT # 48, 49
TWO LOTS COMBINED

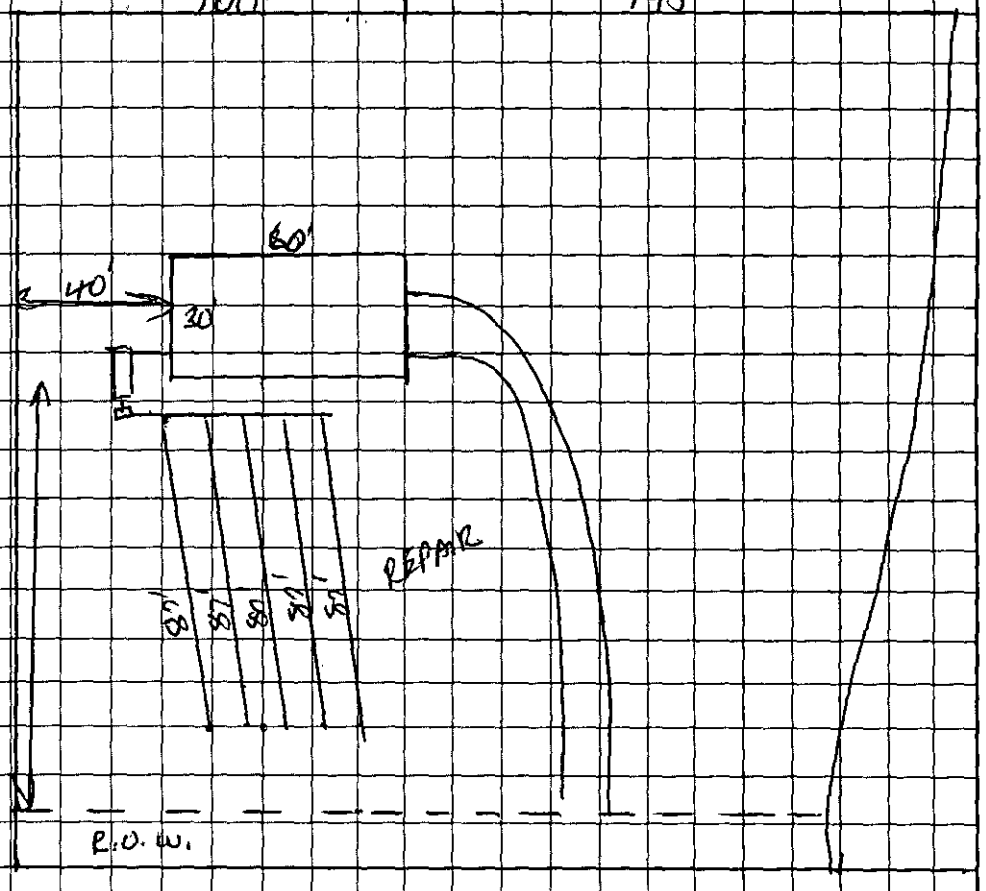
(1) INSTALL DRAIN LINES SHALLOW (30") AND ON CONTOUR.

(2) LOCATE ALL WELLS 100' IF POSSIBLE 50' MINIMUM FROM SEPTIC TANK SYSTEM.

(3) HOUSE TO BE LOCATED 110' FROM ROAD, 40' FROM RIGHT PROPERTY LINE - FACING THE ROAD FROM THE HOUSE.

(4) NO GRADING TO TAKE PLACE IN AREA OF HOUSE.

(5) HOLD SIGNING OF IP UNTIL SURVEY IS SUBMITTED SHOWING LOTS 48 & 49 COMBINED.



OWNER/AGENT SIGNATURE Mike Brooks

DATE 4-19-02

APPROVAL DATE 1-28-02

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

PROPOSED PLOT PLAN

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

FILE: 4792 B

TC: 139-220-30

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.

SCALE 1" = 50'

PERMIT FOR
8904 COSNELL DRIVE
MINT HILL ESTATES. LOT # 48, 49
TWO LOTS COMBINED

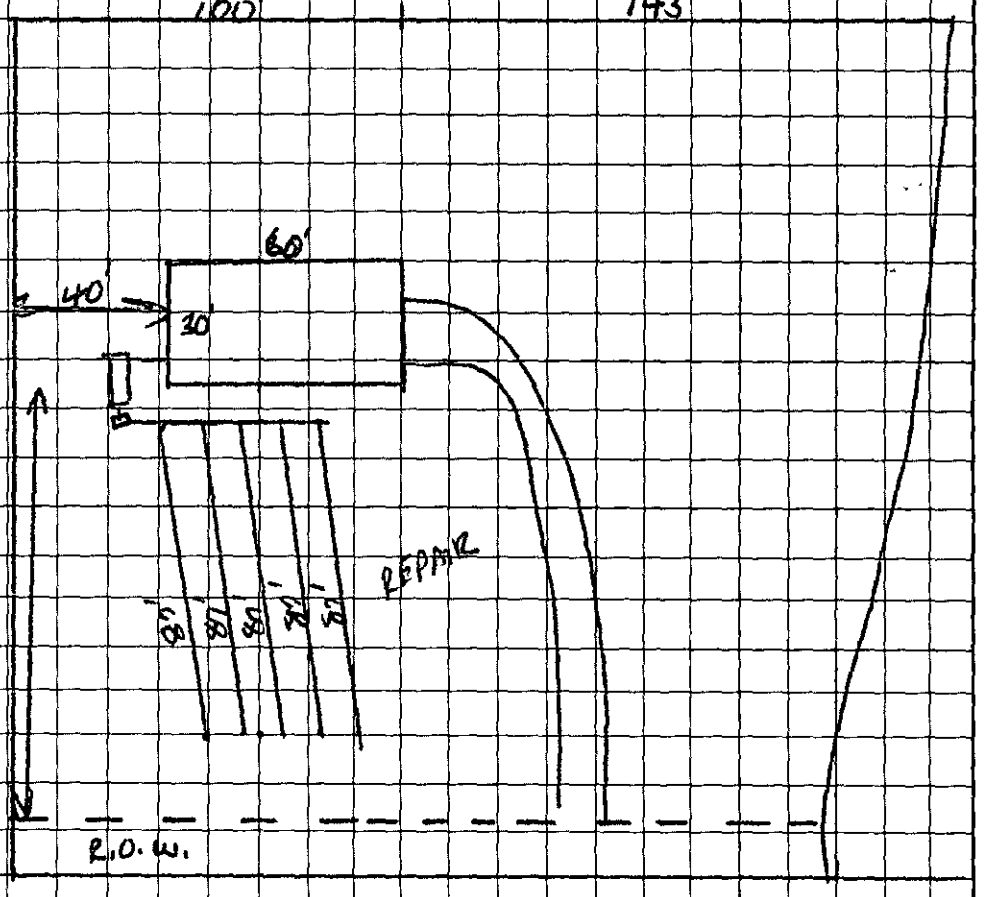
(1) INSTALL ARMOR LINES SHALLOW (30") AND ON CONTOUR.

(2) LOCATE ALL LINES 100' IF POSSIBLE SO MINIMUM FROM SEPTIC TANK SYSTEM.

(3) HOUSE TO BE LOCATED 110' FROM ROAD, 40' FROM RIGHT PROPERTY LINE - FACING THE LEFT ROAD FROM THE HOUSE.

(4) NO GRADING TO TAKE PLACE IN AREA OF HOUSE.

(5) HOLD SIGNING OF IF LANDSCAPER IS SUBMITTED SIGNING LOTS 48 & 49 COMBINED.



OWNER/AGENT SIGNATURE Mike Brooks

DATE 4-19-02

APPROVAL DATE 1-28-02

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

Walter L. Gordon & Associates

313 South Hayne Street, Monroe NC 28112
Phone (704) 289-1408
Fax (704) 289-8485

ATTN: DREW WALKER

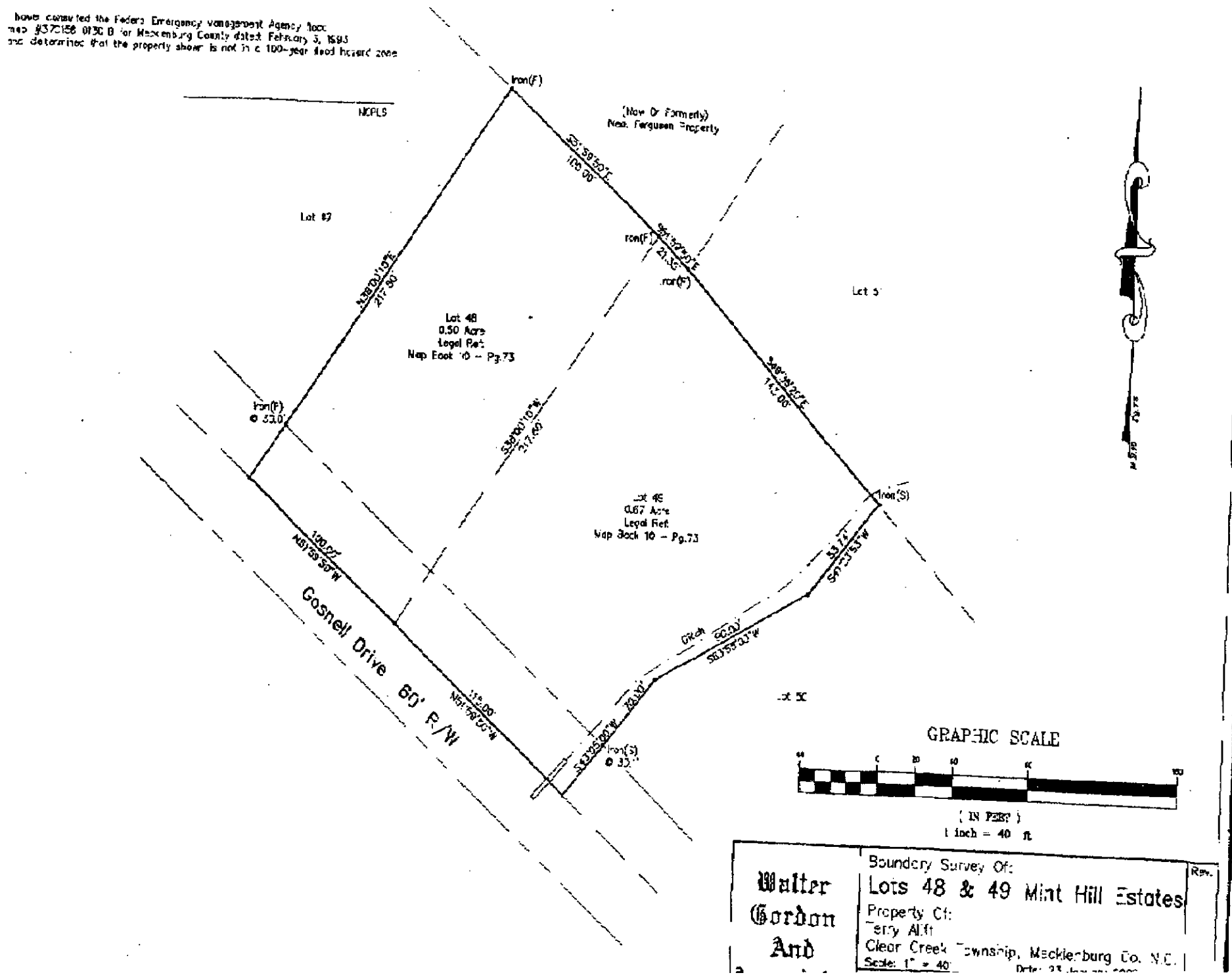
FAX #: (704)336-6894

FROM: JERRY ALIFF % STEVEN

DATE: 1-31-02

TOTAL PAGES: 2
(INCLUDING COVER)

COMMENTS: 4792B



FEB-01-02 FRI 01:02
P.02

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

Sheet: 1
Property ID: 139-222-30
Lot #: 48
File #: 4792B
Code: 1

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Edith J. Davis
Applicant:
Address: 9008 Blair Road, MinT Hill, N. C. 28227
Date Evaluated: 1/10/02
Proposed Facility: Residence
Design Flow (.1949): 360gpd
Property Size: .5a.
Location of Site: 8904 Gosnell Drive
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [x] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
	5-12								
1	LS	0-5	GR/SICL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	N/A	NONE	PS, IV .275G/DAY/FT^2
		5-46	SBK/ABK/SIC	FI/SEXP/S/P					
2	"	0-3	GR/SICL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	"
		3-48+	SBK/ABK/SIC	FI/SEXP/S/P					
3	"	0-4	GR/SICL	FR/SEXP/SS/SP	2.5Y7/2@34"	48+	"	"	US, IV .275G/DAY/FT^2
		4-48	SBK/ABK/SIC	FI/SEXP/S/P					
4	"	0-6	GR/SICL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	"	"	PS, IV .275G/DAY/FT^2
		6-48	SBK/ABK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.275G/DAY/FT^2	.275G/DAY/FT^2

Other Factors (.1946): _____
Site Classification (.1948): PROVISIONNALY SUITABLE
Evaluated By: W. R. Marlin, LSS, 1/14/02. W. R. Marlin
Others Present: Terry Aliff

FILE # 4792B

COMMENTS Being combined w/ adjacent lot 100% repair, would need perms

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	CONSISTENCE 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

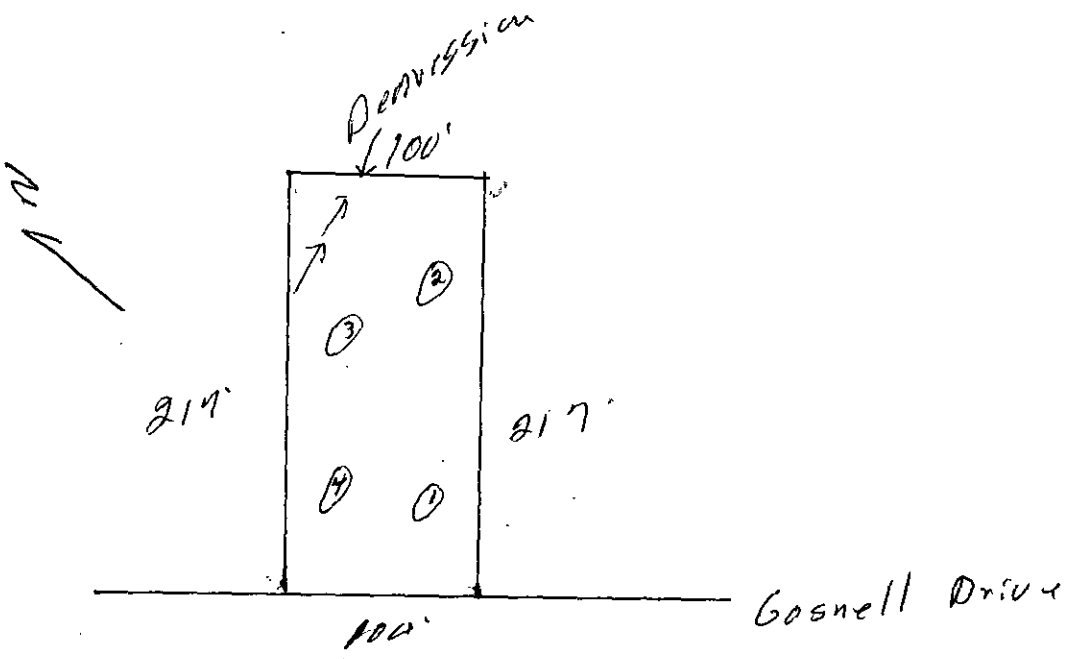
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



FEE: _____

DATE: _____

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

Paid $200 11/4/01 RP

[ ] 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 #: 4792B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 13922230

STREET ADDRESS: 8904 GOSNELL DRIVE

SUBDIVISION OR MOBILE HOME PARK NAME: MINT HILL ESTATES

LOT NUMBER: LOT 48

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
X HOUSE (H)
X 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
X 7 MINT HILL

HEATED SQUARE FOOTAGE: 1800

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 4

CLOSING DATE _____

FOUNDATION FOR RESIDENCE:

X 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 X NO TYPE: _____

WATER SUPPLY (CHECK ONE):
__ COMMUNITY (C)
__ MUNICIPAL (M)
X 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 X NO
EXISTING WASTEWATER SYSTEMS __ YES X NO
EASTMENTS OR RIGHT-OF-WAYS __ YES X NO
WELL, SPRINGS OR WATERLINES __ YES X NO
DESIGNATED WETLANDS - X YES __ NO
Swim way

PROPERTY OWNER: EDITH J. DAVIS

NAME: DAVIS (LAST) EDITH (FIRST) J. (MI)

ADDRESS: 9008 BLAIR ROAD

CITY: MINT HILL STATE: NC ZIP: 28227

DAYTIME PHONE: 704 545-0879

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: TULLO (LAST) LAURA (FIRST) F. (MI)

DAYTIME PHONE: 704 372-9000 Ext 2200

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 12/23/05

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: Edith J. Davis DATE: 11/4/01

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

PROPOSED PLOT PLAN

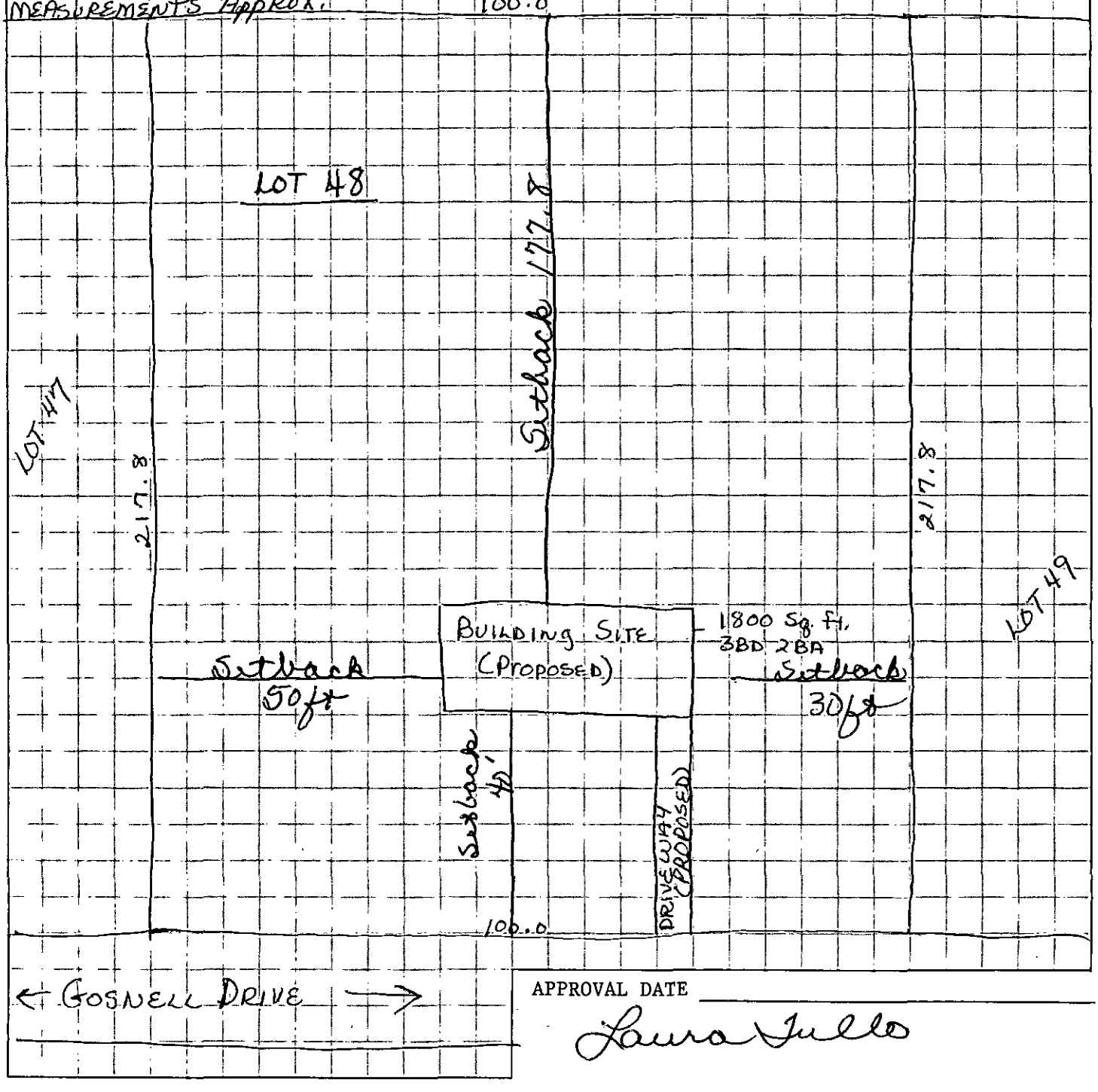
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 4792B

TC: 139.222.30

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

LOT 48
ID# 13922230 - 8964 GOSNELL DRIVE, MINT HILL, NC 28227
MEASUREMENTS Approx.



APPROVAL DATE _____

Laura Tullo

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