

12/31/2007

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: 2424 B DATE: 3/24/99

TC: 001-372-19 ☐ N ☒ CRT

SERIAL Nº 17928

Name of Owner Merrill Callon Juris.: Meck

Address of Property 16529 Chestnut Tree Rd

Inspection Data:

Tank Material P.C.C.

Total Length of Drainfield 400 ft

Number of Lines 4 @ 100 ft

Cover Depth 12 inches

Water Supply Source Well

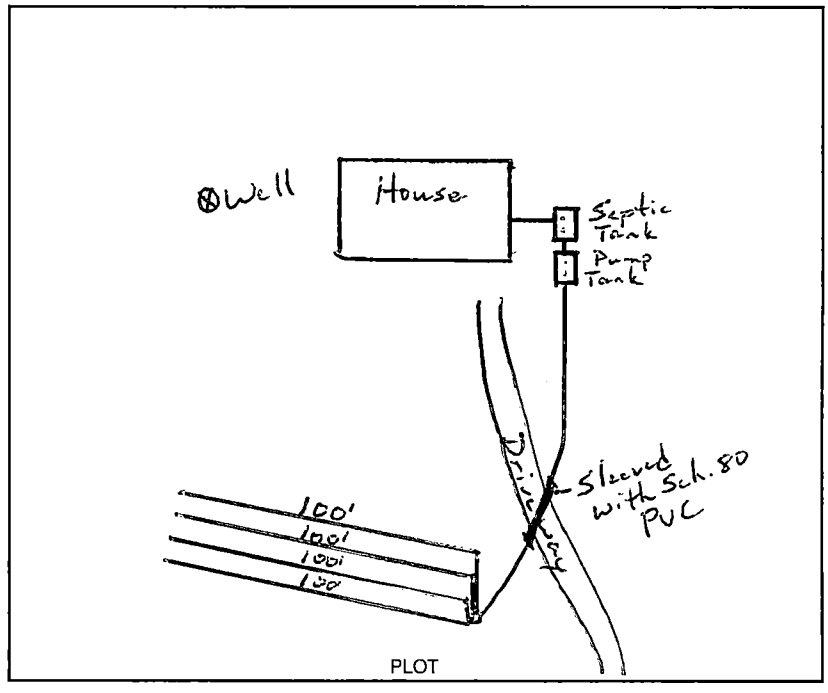
Distance to Water Source >100 ft

Excavation Inspected 3/23/99

Tank(s) Inspected 3/24/99

Wash Line Inspected N/A

High Water Alarm Inspected 3/24/99



Design 1500 S.T., 1000 D.T., Conv., 1200 S.F., T., 12G CTR# Stanley Septic

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: Designed for 3 bedroom residence Type III b
Hydromatic 05P33

Jeffrey A. Knight
Environmental Health Specialist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

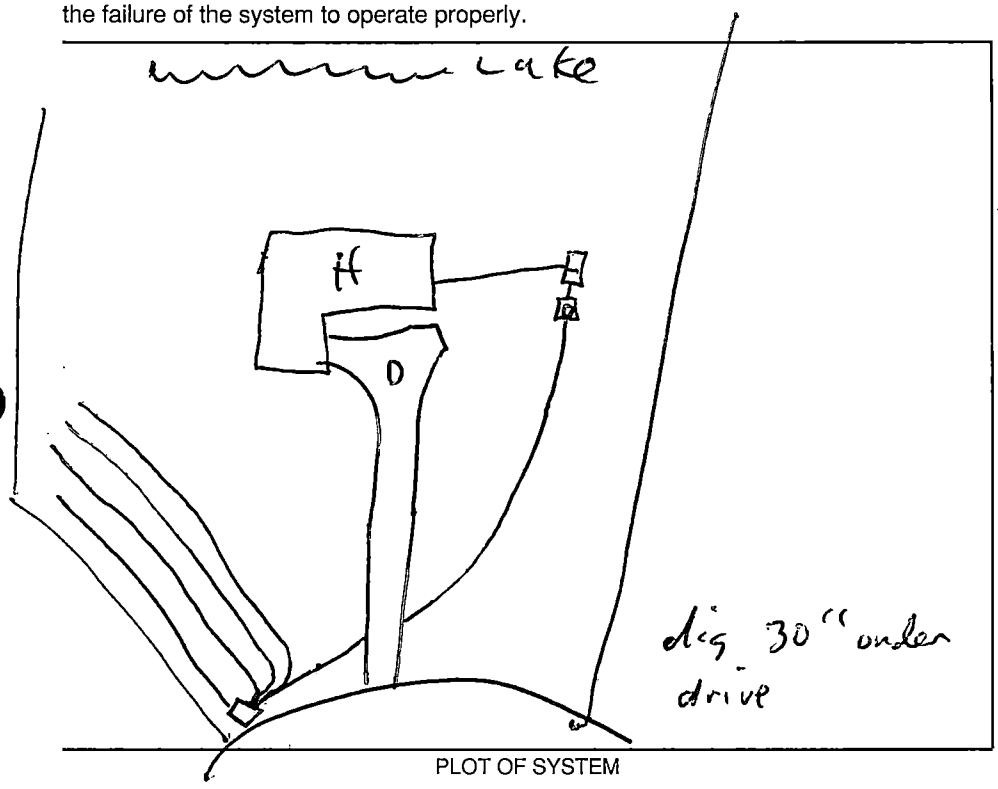
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 242A-B DATE: 1-22-99

TC: 001-372-19 ☒ L

SERIAL Nº 18006

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 3-9-98. All work shall be completed on or before 2-22-99, 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 1000 gallons

Tank Construction PCC

Trench Depth 24"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous yes

Total Line Length 400 feet

Number of Lines 4

Depth of Stone 12" inches

Distance from House 8' ± feet

Distance from Property Line 5' ± feet

Distance from Well 50' ± feet

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

NAME OF OWNER Merrill Callon

LOCATION OF PROPERTY 16529 Chestnut Tree Rd

Comments: 4 lines @ 100' each x 3' wide x 12" rock

Environmental Health Specialist

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

CASH

FEE: 100.00 **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: 4-7-98 **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 4-6 98 PERMIT NO: 2424-B
PARCEL NO: 001-372-19

JOB LOCATION ADDRESS: 16529 CHESTNUT TREE RD
PROPERTY OWNER: MERRILL + MARGARET CALLEN
BUILDING CONTRACTOR: _____
SUBDIVISION NAME: _____
AUTHORIZATION ISSUED BY: _____ DATE: 4-6-98
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 2424-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: use innovative system. (owner wants to minimize tree destruction)

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.

Merrill B Callen 4/7/98
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

Permit Number: 2424-B

CONDITIONS OF IMPROVEMENT PERMIT

Tax Number: 001-372-19

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	900 Absorption Area (sq ft)	9 Trench spacing (min. on centers)	
yes Serviced by private well	1500 Gallon septic tank	300 Total trench length (ft)	36" 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	✓ Depth of stone		

Any surface waters present: yes Type: Lake Norman Minimum separation distance: 50'+

Site modifications required:

Additional Conditions: Use innovative system (owner wants to minimize tree destruction)

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	
900 Absorption Area (Sq ft) 300 Total Trench Length (Ft)	✓ Depth of Stone Trench	9 Trench spacing (min. on centers)	36" 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.

4-6-98
DEHNR Authorized Agent Date

4/7/98
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

FEE: PD 100.00 CK # 1043

DATE: 3-9-98 JC

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

[ ] CRT

TYPE APPLICATION: [X] 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 #: 24243

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION: 001-372-19

TAX/PARCEL NUMBER: ~~LOT 395, SECTION 6 CHESTNUT~~

STREET ADDRESS: ~~LAND AND TIMBER~~ 16529 CHESTNUT TREE Rd.

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: LOT 395 MOORESVILLE, N.C.

TYPE OF BUILDING (CHECK ONE):

- [ ] SINGLE MOBILE HOME(S)
- [ ] DOUBLE WIDE (D)
- [X] HOUSE (H)
- [ ] MODULAR HOME (M)
- [ ] MULTIPLE FAMILY (U)
- [ ] OTHER (O)

TOWNSHIP (CHECK ONE):

- [X] 0 MECKLENBURG
- [ ] 1 CHARLOTTE
- [ ] 2 DAVIDSON
- [ ] 3 CORNELIUS
- [ ] 4 PINEVILLE
- [ ] 5 MATTHEWS
- [ ] 6 HUNTERSVILLE
- [ ] 7 MINT HILL

HEATED SQUARE FOOTAGE: 3300

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 2

CLOSING DATE OCT 1ST

FOUNDATION FOR RESIDENCE:

- [ ] WITHOUT BASEMENT
- [ ] ON SLAB
- [ ] CRAWL SPACE
- [ ] WITH BASEMENT /PLUMBING
- [X] WITH BASEMENT /NO PLUMBING

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

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: [ ] YES [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 [ ] NO	WELL, SPRINGS OR WATERLINES	[X] YES [ ] NO
EXISTING WASTEWATER SYSTEMS	[X] YES [ ] NO	DESIGNATED WETLANDS	[ ] YES [ ] NO
EASTMENTS OR RIGHT-OF-WAYS	[ ] YES [ ] NO		

PROPERTY OWNER: MERRILL AND MARGARET CALLEN	LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: CALLEN (LAST) MERRILL & MARGARET (FIRST) (MI)	NAME: (LAST) (FIRST) (MI)
ADDRESS: 1754 - STERLING RD	DAYTIME PHONE: ( ) -
CITY: CHARLOTTE STATE: NC ZIP: 28209	
DAYTIME PHONE: (704 376 2673	

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? April 1986

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: Merrill B Callen DATE: 3/9/98

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

THIS IS TO CERTIFY THAT ON THE 25 DAY OF April 19 86 I, SURVEYED THE PROPERTY SHOWN ON THIS PLAT, AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON.

File # 2426
001-372-19

SIGNED Donald [illegible]
REGISTERED SURVEYOR

NORTH CAROLINA REGISTERED SEAL L-1131 SURVEYOR DONALD RAY ALLEN

LAKE NORMAN

760 CONTOUR

S 70-12 W 168.37

S 59-55 W 91.08

N 83-28 W 193.20

S 21-55 E 211.10

± 55.0

395
0.87 AC.

394

EXISTING SEPTIC SYS

FOOT PRINT OF NEW HOUSE FLOOR ELEVATION ± 2.7 ABOVE EXISTING CABIN FLOOR

1 STORY FRAME CAMP ET.

EXISTING WELL

DUKE POWER CO.

± 95.0

CHESTNUT TREE ROAD

R/W

60'

EXHIBIT C

COMMENTS: Septic will probably meet specs old drainfield not located

LEGEND

use the following standard abbreviations

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)
I (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)
I (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)			MOIST	WET
(Ridge)		SCL (Sandy Clay Loam)				
(Shoulder Slope)		SUC (Silt Loam Clay)			VFR (Very Friable)	NS (Non-sticky)
(Terrace)					FR (Friable)	SS (Slightly Sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FI (Firm)	S (Sticky)
		SIC (Silty Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
					EFI (Extremely Firm)	NP (Non-plastic)
		O (Organic)	None			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

ESTRICTIVE HORIZON Thickness and depth from land surface

APROLITE S(suitable) or U(unsuitable)

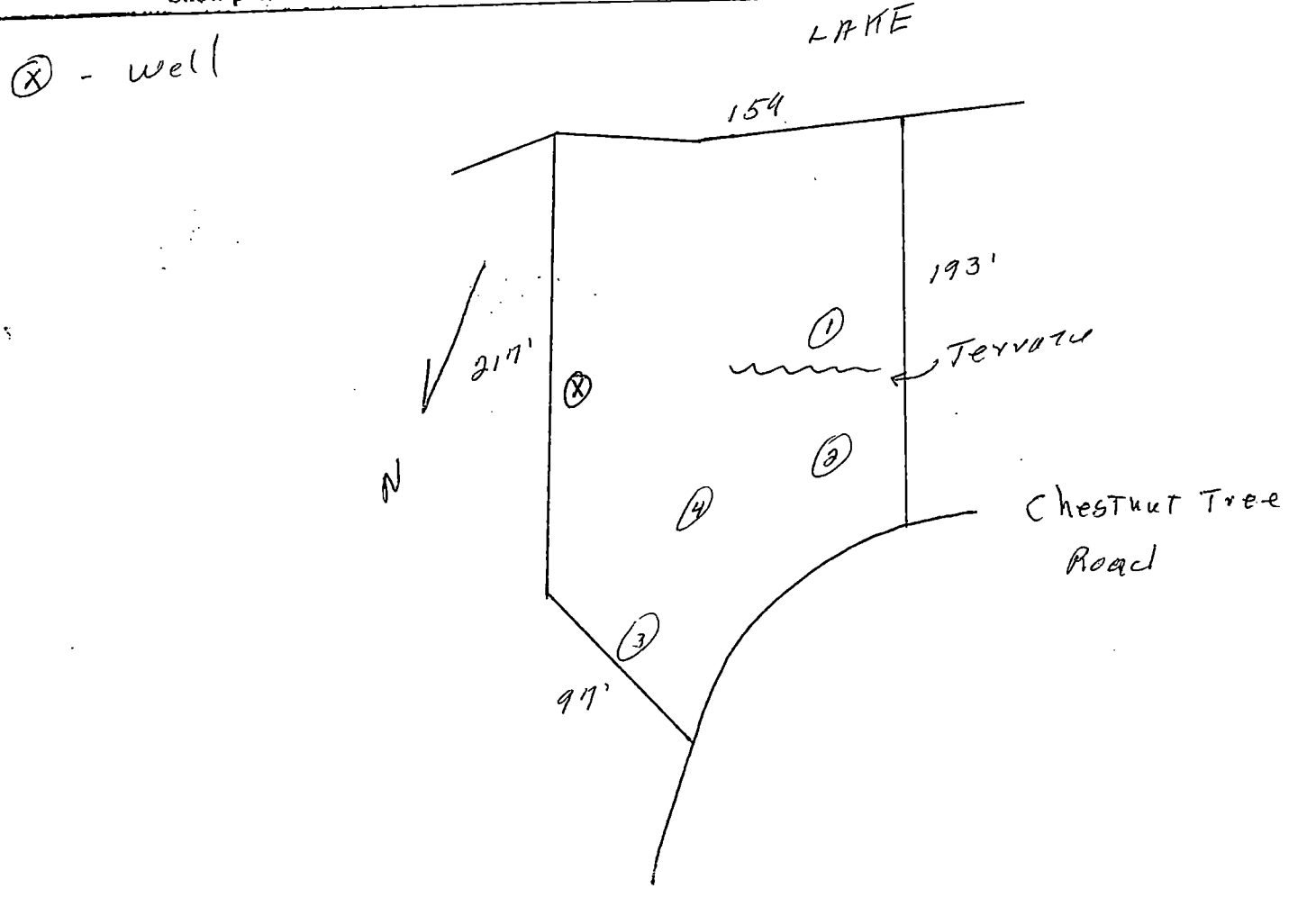
OIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

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).



DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

COUNTY: 400

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

1 — 24248

001-372-19

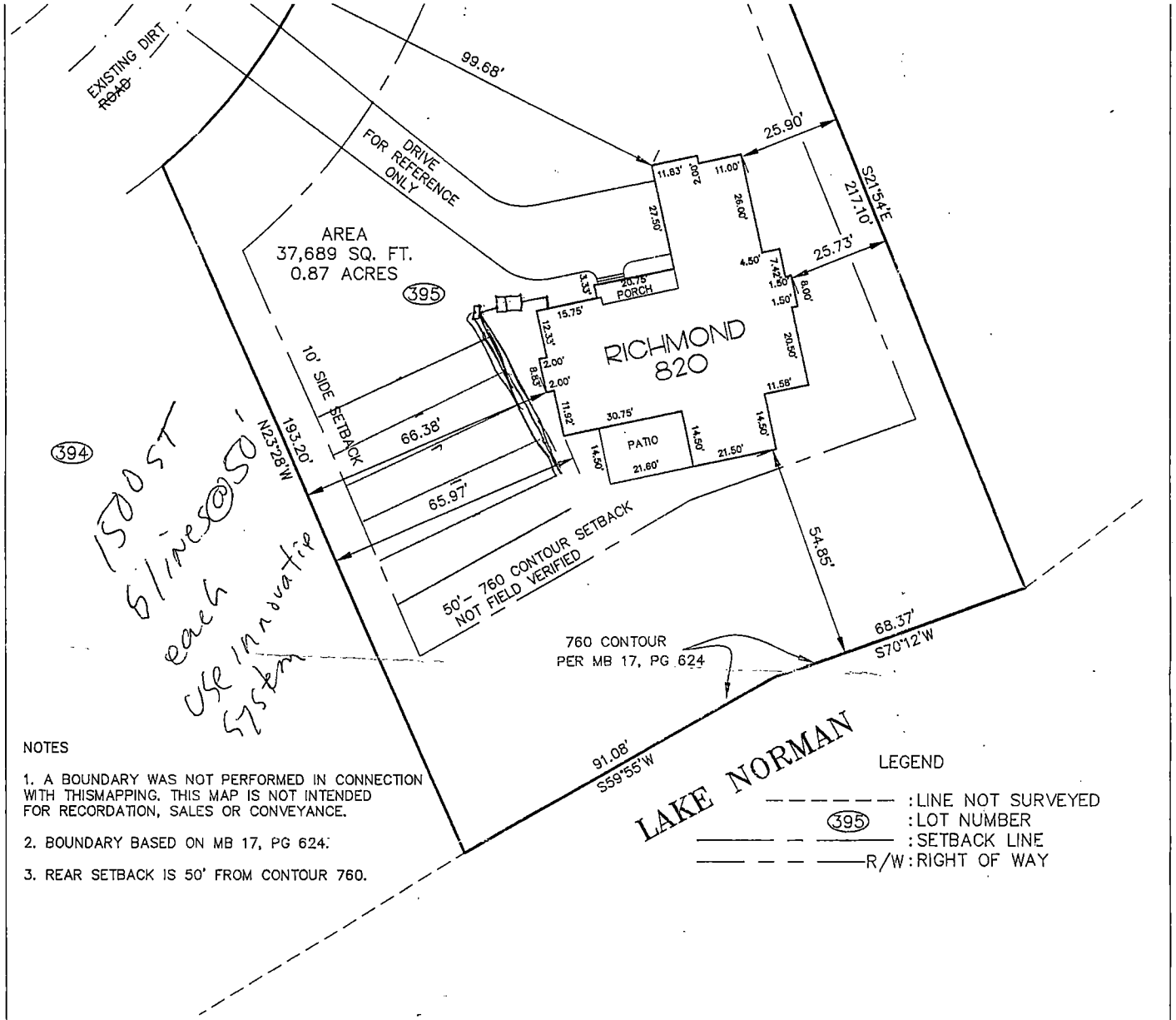
2395

OWNER: Merrill & Margaret Gallen
APPLICANT:
ADDRESS: 1754 Sterling Rd Chas.
APPLICATION DATE:
DATE EVALUATED:
PROPOSED FACILITY: residence
PROPOSED DESIGN FLOW (.1949): 360gpd
PROPERTY SIZE: .87
LOCATION OF SITE: 6529 Chestnut Tree Road
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
	Slopes 5-10%								
1	LS	0-4"	gr/scl	Fr/SEXP/SS/SP	748" TO Soil Wetness	48"	N/A	None	PS .39/F2 IV
		4-48"	SBK/SC	Fi/SEXP/SS/P					
2	LS	0-3"	gr/scl	Fr/SEXP/SS/SP	748" TO Soil Wetness	46"	N/A	None	PS .39/F2 IV
		3-48"	SBK/C	Fi/SEXP/SS/P					
3	LS	0-4"	gr/scl	Fr/SEXP/SS/SP	748" TO Soil Wetness	48"	N/A	None	PS .39/F2 IV
		4-48"	SBK/C	Fi/SEXP/SS/P					
4	LS	0-5"	gr/scl	Fr/SEXP/SS/SP	748" TO Soil Wetness	48"	N/A	None	PS .39/F2 IV
		5-48"	SBK/C	Fi/SEXP/SS/P					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): Provisionally Suitable
EVALUATED BY: William R. Merlin 3-17-94
OTHER(S) PRESENT: LSS



NOTES

1. A BOUNDARY WAS NOT PERFORMED IN CONNECTION WITH THISMAPPING. THIS MAP IS NOT INTENDED FOR RECORDATION, SALES OR CONVEYANCE.
2. BOUNDARY BASED ON MB 17, PG 624.
3. REAR SETBACK IS 50' FROM CONTOUR 760.

LEGEND

- – – – – – : LINE NOT SURVEYED
- (395) : LOT NUMBER
- ——— – ——— : SETBACK LINE
- —— – – —— R/W : RIGHT OF WAY

LOCATION : LEMLEY TOWNSHIP, MECKLENBURG COUNTY, NORTH CAROLINA | SCALE: 1 IN.= 30 FT

NEC LAND SURVEYORS
20721 TORRENCE CHAPEL RD.
SUITE 103
CORNELIUS, NC 28031
(704) 895-0955

PLOT PLAN
OF
LOT 395, SECTION 6, 16529 CHESTNUT TREE ROAD
FOR
BROOKSHIRE CONSTRUCTION CO., INC.
MARCH 30, 1998

DRAWING NAME: 1289.DWG
DRAWING NO.