


8024 STEELE CREEK RD

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duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

*Barcode Font = IDAutomationHC39M*

8/21/97 copy $100 to file

# CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 1348B DATE: 7/14/97

TC: 141-111-98 ☐ L ☒ CRT

SERIAL Nº 17235

Name of Owner FIRST VALLEY HOMES/ ABRAMS Juris.:

Address of Property 8024 ~~Snow Ridge Lane~~ Steele Creek Rd.

**Inspection Data:**

Tank Material PCC

Total Length of Drainfield 400

Number of Lines 4 | 94 | @ 107 | 105

Cover Depth 12" | 96

Water Supply Source N/A

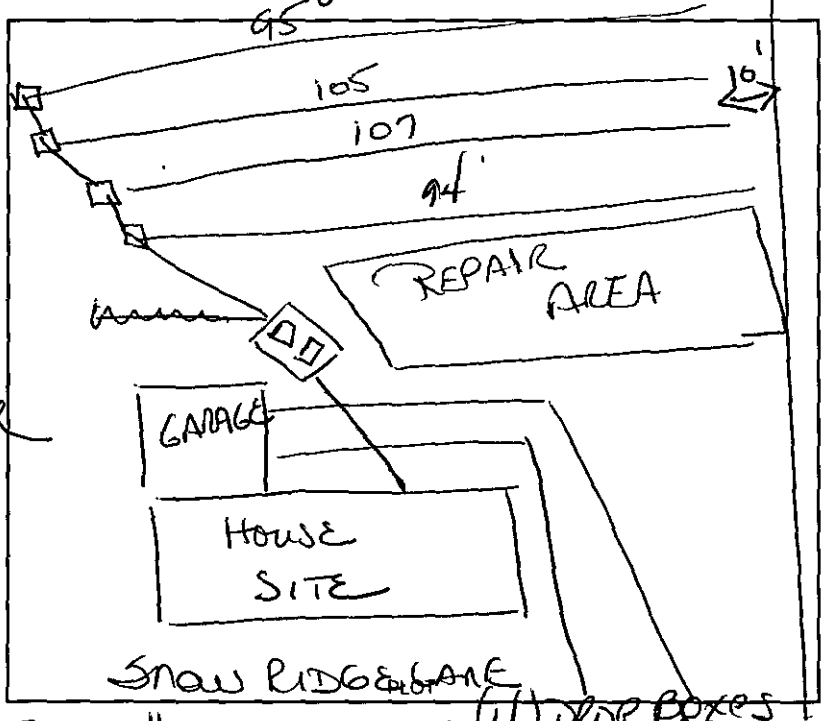
Distance to Water Source MUNICIPAL

Excavation Inspected 7/14/97

Tank(s) Inspected 7/14/97

Wash Line Inspected —

High Water Alarm Inspected —




Design 1500ST, 1200SQFT, 12"G, CECIL-LIKE (4) DROP BOXES CTR# Valley Ridge

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

Toni Higgins Bruns, R.S.
Environmental Health Specialist

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

# INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

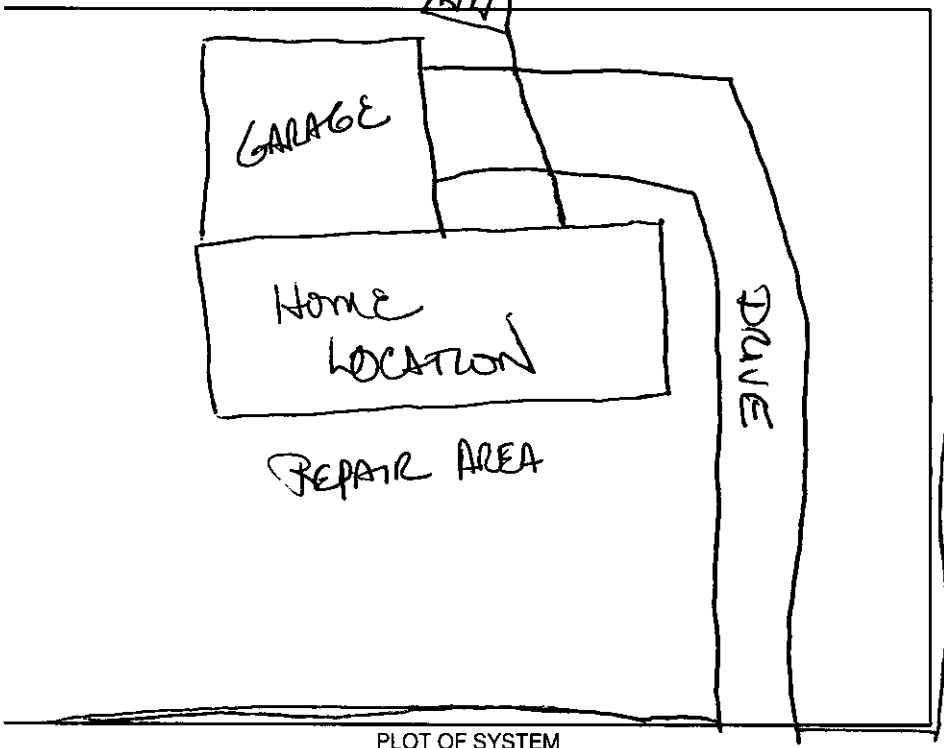
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1348B DATE: 7/8/97

TC: 141-111-98 ☐ L

SERIAL Nº 17355

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 _____. 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

8024 STEELE CREEK RD.

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank _____ gallons

Tank Construction PCC

Trench Depth 36"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous _____

Total Line Length 400 feet

Number of Lines 5

Depth of Stone 12" inches

Distance from House 10 feet

Distance from Property Line 10 feet

Distance from Well MUNICIPAL feet

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

NAME OF OWNER FIRST VALUE HOMES, INC.

LOCATION OF PROPERTY 8024 Steele Creek Rd.

Comments: INSTALL 1500 SEPTIC TANK WITH 5 LINES ON SLOPE @ 3X80'X12". ALL LINES ON CONTOUR - NO STEPDOWNS

Dan Higgins Bunn, R.S.

Environmental Health Specialist

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

Paid 400 CK

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

DATE: 9-16-96 PERMIT NO: 1348B
PARCEL NO: 141-111-98Bo

JOB LOCATION ADDRESS: 8024 Steele Creek Rd.
PROPERTY OWNER: Cabarrus Pines, Inc.
BUILDING CONTRACTOR: _____
SUBDIVISION NAME: Waterglen
AUTHORIZATION ISSUED BY: Dale Higgs Bunny, RS. DATE: 9-16-96
DEHNR AUTHORIZED AGENT

## AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 1348B, 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: Installation Approval Required.

## 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.

Verified Dave Mears 5/2/97
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

Permit Number: 13488

Tax Number: 141-111-98B
8024 Steele Creek Rd.

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<br>Type (circle one):<br>I (II) III IV V VI | ✓ Conventional<br>___ Prefabricated, permeable block panel system<br>___ Shallow Placed Conventional | ___ Low Pressure Pipe<br>___ Large Diameter Pipe<br>___ Fill<br>___ Other | ___ Innovative or Experimental:<br>___ IWWS-93-1<br>___ IWWS-93-2<br>___ 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) |
| NO Serviced by private well | 1500 Gallon septic tank | 400 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 | 12" Depth of stone | |

Any surface waters present: Type: Minimum separation distance:

Site modifications required: ① ALL SURFACE WATER SHALL BE DIVERTED AWAY FROM SEPTIC TANK SYSTEM.

Additional Conditions: ② THIS IMPROVEMENT PERMIT IS VALID FOR 5 years.

| | | | |
|---|---|---|---|
| Repair Area System Type<br>Type (circle one):<br>I (II) III IV V VI | ✓ Conventional<br>___ Prefabricated, permeable block panel system<br>___ Shallow Placed Conventional | ___ Low Pressure Pipe<br>___ Large Diameter Pipe<br>___ Fill<br>___ Other | OR ✓ Innovative or Experimental:<br>___ IWWS-93-1<br>___ IWWS-93-2<br>___ IWWS-94-1 |

| | | | |
|---|---|---|---|
| 1200 Absorption Area (Sq ft)<br>400 Total Trench Length (Ft) | 12" 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.

Joni Huggins Bunny, RS. 9-16-96 — James Nell - Agent 2-28-97

DEHNR Authorized Agent / Date — 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: ~~Waived~~ 100.00

DATE: 4/12/96

C.C. # 1078

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

#100.00 CK #3468 9-10-96 Sweeten [ ] 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 #: 13483

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 141-111-98 PO

STREET ADDRESS: 8024 Steele Creek Road

SUBDIVISION OR MOBILE HOME PARK NAME: Winterglen II

LOT NUMBER: B

TOWNSHIP (CHECK ONE):

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

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 1280+

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT ON SLAB
X CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ 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)
__ SHARED WELL (S)
X MUNICIPAL (M)
__ OTHER 'SPRINGS' (O)
__ PRIVATE WELL (P)

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

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

PROPERTY OWNER:

NAME: Cabarrus Pines, Inc. (LAST) (FIRST) (MI)

ADDRESS: 5201 Monroe Road

CITY: Charlotte STATE: NC ZIP: 28205

DAYTIME PHONE: (704 567 - 9836

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Jones (LAST) Wiley (FIRST) W. (MI)

DAYTIME PHONE: 704 567 - 9836 Ext. 229

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? December 30, 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: Wiley W Jones DATE: 4-12-96

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

# PROPOSED PLOT PLAN

Lot B

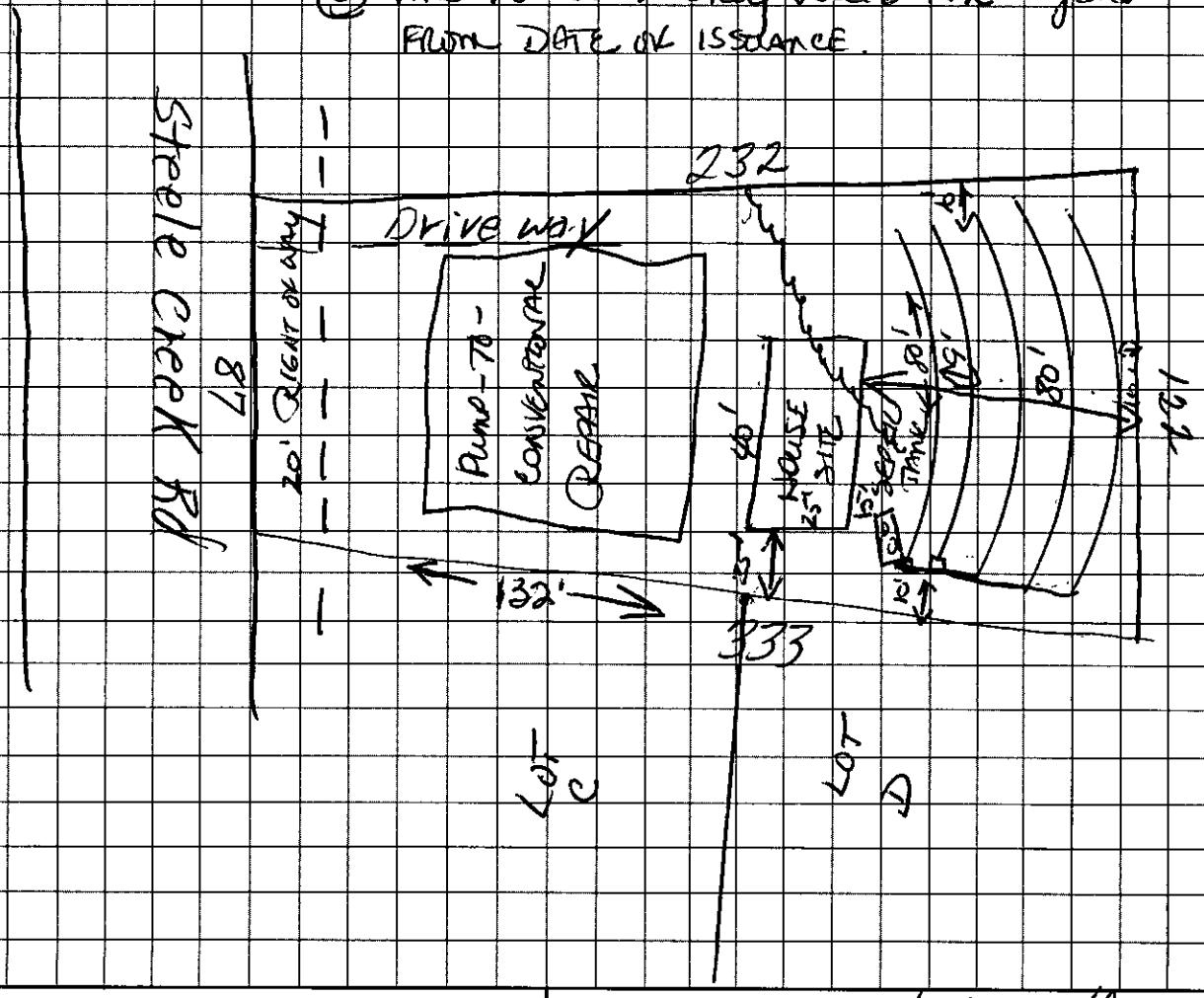
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1348B

TC: 141-111-9800

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:
1. 1500 SEPTIC TANK
2. 5 TRENCHES @ 3'X80'X12"
3. MAXIMUM TRENCH DEPTH = 36"
4. PUMP TO CONVENTIONAL OR 25% REDUCTION INNOVATIVE MAY BE REQUIRED FOR REPAIR.
5. THIS PERMIT IS ONLY VALID FOR 5 years FROM DATE OF ISSUANCE.

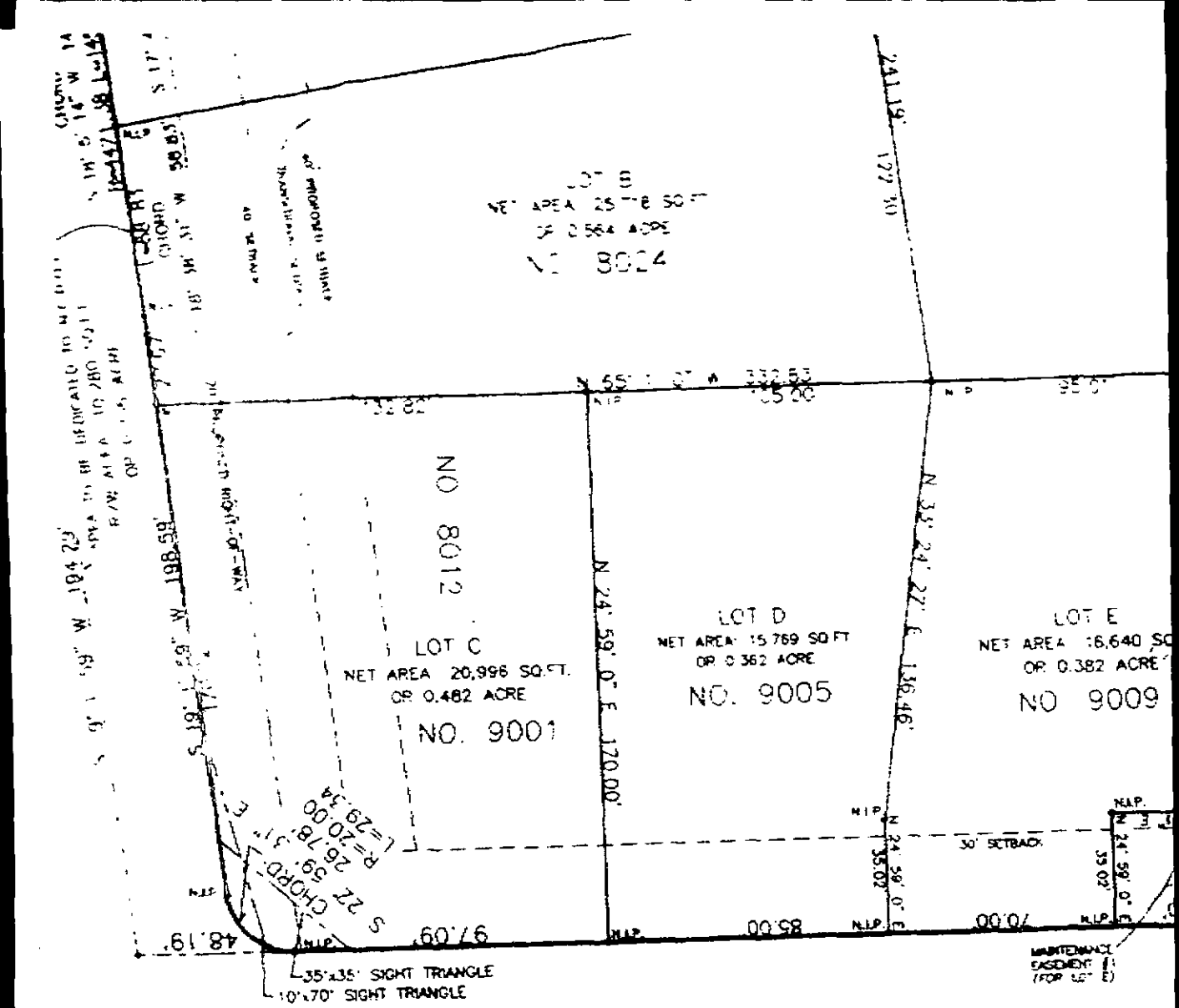



APPROVAL DATE 9/16/96 MB

OWNER/AGENT SIGNATURE

DATE

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




File 1348B

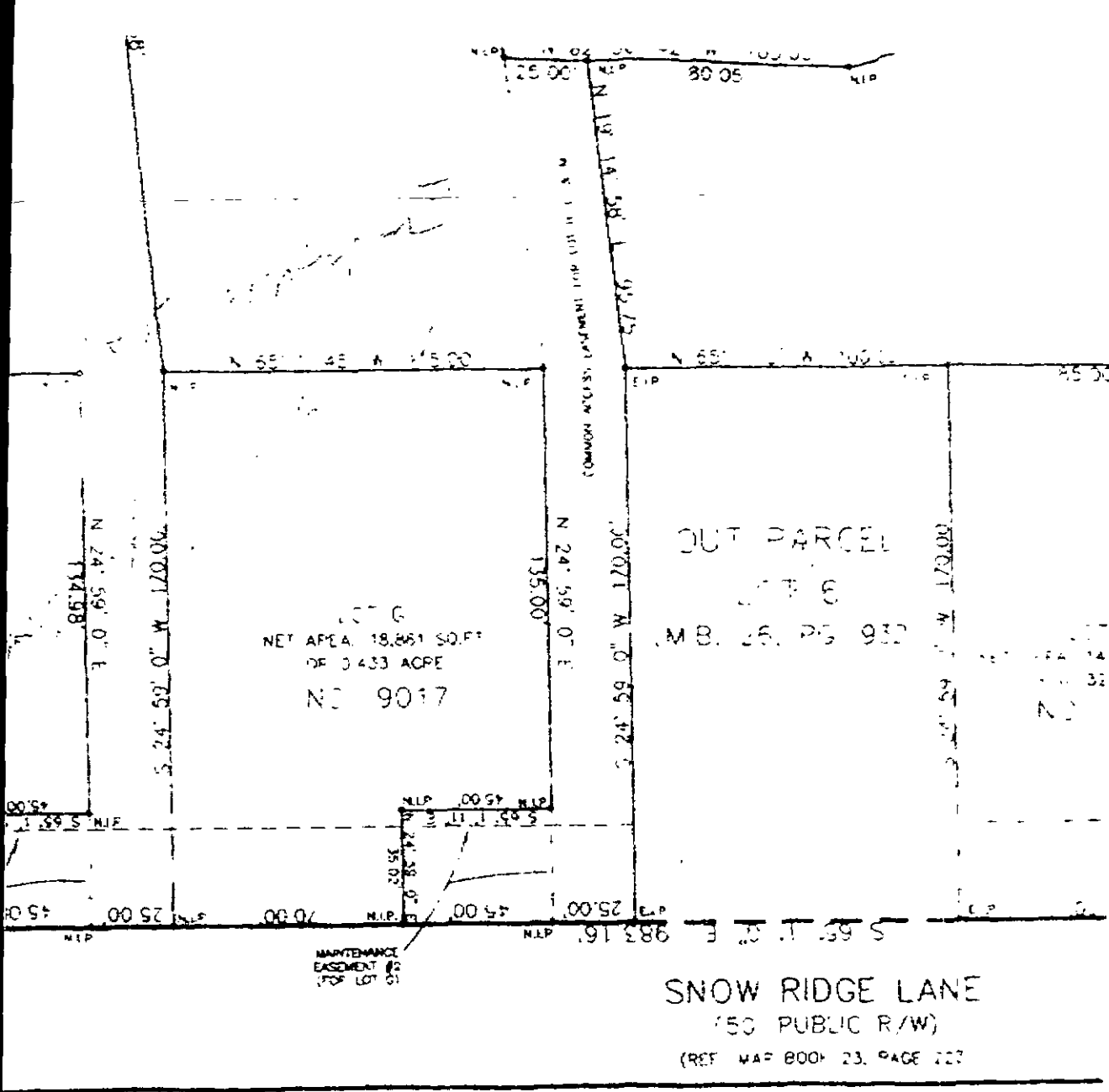
see file 1353B for plat

APPROVED IN ACCORDANCE WITH THE ENGINEERING REQUIREMENTS OF THE SUBDIVISION ORDINANCE OF MECKLENBURG COUNTY NORTH CAROLINA

MECKLENBURG COUNTY ENGINEERING DEPARTMENT

ENGINEERING STAFF

2/25/96
DATE




FROM : BRANT REALTY INC.

For: Joni 336-6894

Maintenance Easement #1 is for Lot E
Maintenance Easement # 2 is for Lot G
as shown on recorded plat.

Wiley Jones

SEP 30 95 01:32PM

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

OWNER: Cabarrus Pines, Inc APPLICANT:
ADDRESS: 5201 Monroe Rd, Char. APPLICATION DATE: DATE EVALUATED:
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 3609pd PROPERTY SIZE: .56
LOCATION OF SITE: 8024 Steele Creek Rd PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

#1 1346B PO 1411-111-96 Lot B

| PROFILE # | Slopes 3-6% .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS | 0-6" | gr/cl | Fv/SEXP/SS/SP | > 48" To Chroma 2 Colors | 48" | N/A | None | IV .39/ft² PS |
| | | 6-48" | SBK/c | Fv-Fi/SEXP/S/P | | | | | |
| 2 | LS | 0-4" | gr/cl | Fv/SEXP/SS/SP | > 48" To Chroma 2 Colors | 48" | N/A | None | IV .39/ft² PS |
| | | 4-36" | SBK/c | Fv-Fi/SEXP/S/P | | | | | |
| | | 36-48" | SBK/cl | Fv/SEXP/SS/SP | | | | | |
| 3 | LS | 0-2" | gr/cl | Fv/SEXP/SS/SP | > 48" To Chroma 2 Colors | 48" | N/A | None | IV .39/ft² PS |
| | | 2-30" | SBK/c | Fv-Fi/SEXP/S/P | | | | | |
| | | 30-48" | SBK/cl | Fv/SEXP/SS/SP | | | | | |
| 4 | | | | | | | | | |

| 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. A. Mauldin 5-17-96
OTHER(S) PRESENT:

OMMENTS: Septic Repair 20' Proposed R/W from Steele Creek Rd

# 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) |
| (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) | | SIC (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 |
| *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).

