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Groundwater and Wastewater Services File Imaging Project

May 2007

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COPY

Mecklenburg County
Health Department

April 13, 1999

Ernest Byrum
15632 MacWood Road
Huntersville, NC 28078

Re: MacWood Road
File: 2901B
Parcel: 019-242-12

Dear Property Owners:

Receipt of your Application for Improvement Permit for the above referenced property is acknowledged. A soil evaluation and a site visit have been conducted. The results of the evaluation indicated that the site is **UNSUITABLE** under Rules .1941 **SOIL CHARACTERISTICS (MORPHOLOGY),** .1942 **SOIL WETNESS CONDITIONS,** .1943 **SOIL DEPTH,** and .1945 **AVAILABLE SPACE.** For these reasons your Application for Improvement Permit is denied. A possible way to develop the site exists under Rule .1948(d), which reads as follows:

> A site classified as **UNSUITABLE** may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as **PROVISIONALLY SUITABLE** if the local health department determines that the substantiating data indicate that:
>
> (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
> (2) the effluent will not contaminate ground or surface water; and
> (3) the effluent will be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

The State shall review the substantiating date if requested by the local health department.

Please be advised that you have the right to an informal review by this department. You also have the right to appeal under G.S. 130A-24, and to have the appeal held in Mecklenburg County

If you have any questions regarding this matter, please call me at 336-5575.

Sincerely,

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

DEPART[redacted] ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
D[redacted]VISION IRONMENTAL HEALTH
ON-SITE WAS[redacted]WATER SECTION

#3

Sheet: _____
Property ID: PO [redacted] 019- 242-12
Lot #: _____
File #: 2901 B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Ernest W. Bryson APPLICANT: _____
ADDRESS: 15632 Mac Wood Road, Hurtsville DATE EVALUATED: 4-7-99
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 480gpd PROPERTY SIZE: Approx 1.0
LOCATION OF SITE: off Mac Wood Road PROPERTY RECORDED: _____
WATER SUPPLY: ☑Private ☐Public ☐Well ☐Spring ☐Other _____
EVALUATION METHOD: ☑Augur Boring ☐Pit ☐Cut
TYPE OF WASTEWATER: ☑Sewage ☐Industrial Process ☐Mixed

PROFILE #	3 slopes 5-12% .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	0-3"	gr/sl	Fr/SExP/SS/SP	>16" TO soil wetness	16"	N/A	None	US
		3-8"	sBK/sc	F.I/SExP/SS/P					
		8-16"	M/sc	vF.I/Mixed/US/vP					
2	LS	0-4"	gr/sc/	Fr/SExP/SS/SP	>19" TO soil wetness	19"	N/A	None	US
		4-14"	sBK/sc	vF.I/Mixed/US/vP					
		14-19"	M/sc/	F.I/Mixed//S/P					
3	LS	0-4"	gr/sc/	Fr/SExP/SS/SP	>17" TO soil wetness	17"	N/A	None	US
		4-12"	sBK/sc	vF.I/Mixed//US/vP					
		12-17"	M/sc/	F.I/Mixed//US/vP					
4	LS	0-5"	gr/sc/	Fr/SExP/SS/SP	2.5Y6/2 @ 25"	32"	N/A	None	US
		5-32"	sBK/C	vF.I/Mixed//US/vP					
5	LS	0-4"	gr/sc/	Fr/SExP/SS/SP	2.5Y7/1 @ 17"	24"	N/A	None	US
		4-24"	sBK/C	vF.I/Mixed//US/vP					

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W.R. Marlin - LSS - 4-8-99
OTHER(S) PRESENT: _____

FILE # 2901B

COMMENTS Would probably be MC Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM	
T-TERRACE		CL-CLAY LOAM	
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM	
	IV	SC-SANDY CLAY	0.4-0.1
		SIC-SILTY CLAY	
		O-ORGANIC	

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

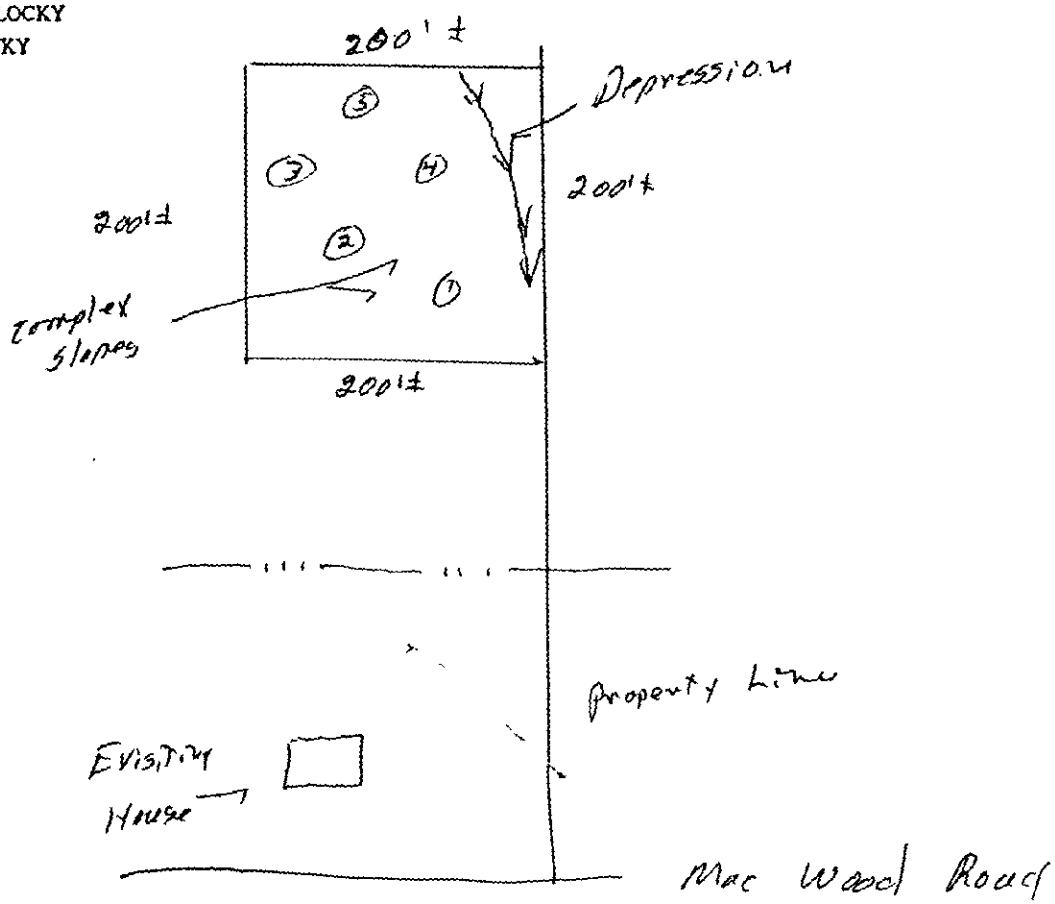
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



FEE: 100.00
DATE: 4-25-99 VHA

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

COPY

1 1 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 #: 8901B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 019-242-12P0

STREET ADDRESS: [redacted] MACWOOD RD

TYPE OF BUILDING (CHECK ONE):

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

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

TOWNSHIP (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 2000+

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS: 6

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:

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:	LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: (LAST) BYRUM (FIRST) ERNEST (MI) W	NAME: (LAST) (FIRST) (MI)
ADDRESS: 15232 MacWood Rd	DAYTIME PHONE: ( ) –
CITY: HUNTERSVILLE STATE: NC ZIP: 28078	
DAYTIME PHONE: 704 330-6892	

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

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: E W Byrum 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

PROPOSED PLOT PLAN

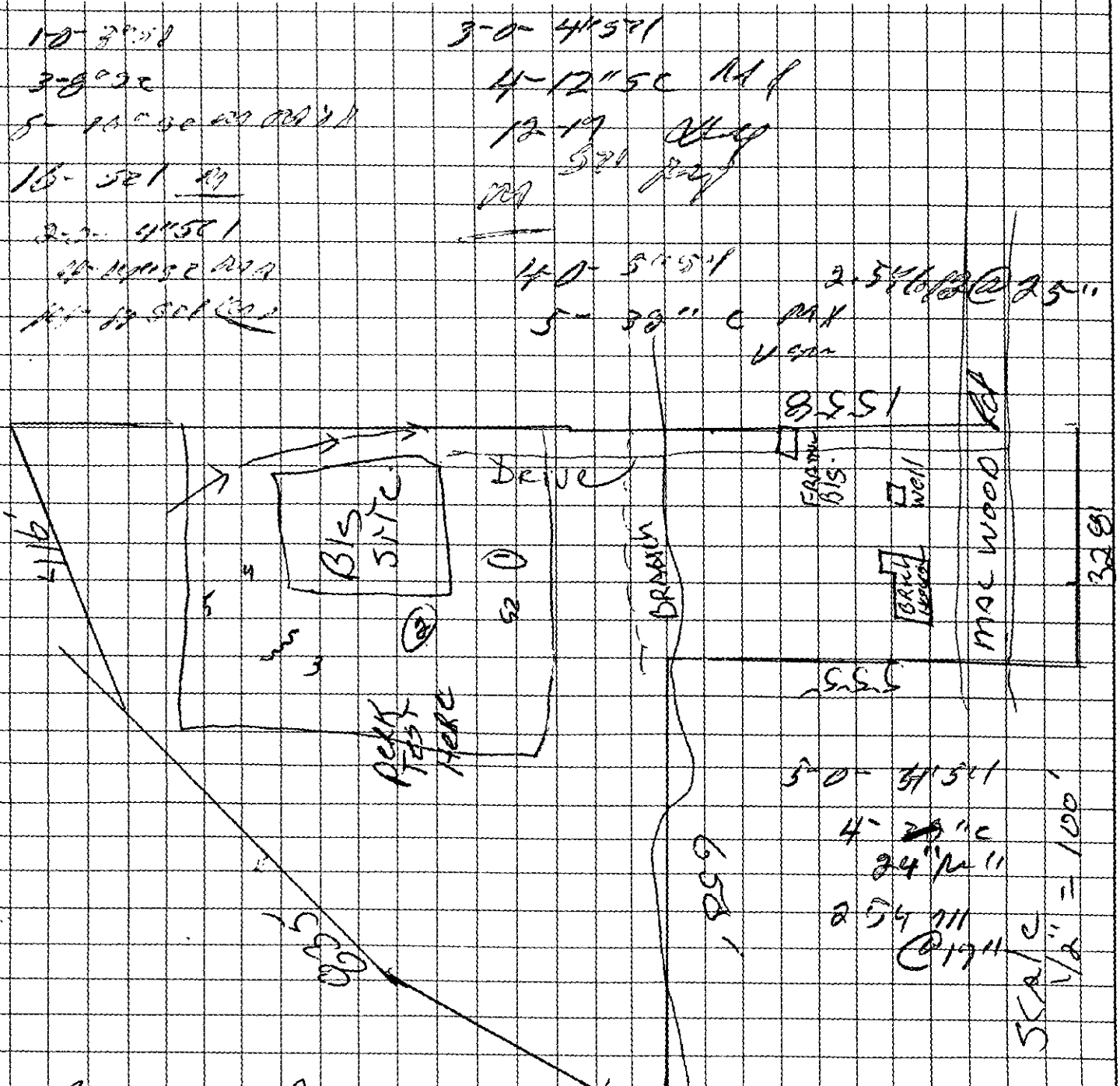
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HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 9901B

TC: 019-242-12

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.



OWNER/AGENT SIGNATURE

DATE 3-25-99

APPROVAL DATE _____

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

#3 (You)

Sheet:
Property ID: PO 019- 242-12
Lot #:
File #: 2901B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Ernest W. Bryrum APPLICANT:
ADDRESS: 15632 Mac Wood Road, Hunterville DATE EVALUATED: 4-7-99
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 480gpd PROPERTY SIZE: Approx 1.0
LOCATION OF SITE: off Mac Wood Road PROPERTY RECORDED:
WATER SUPPLY: ☑Private ☐Public ☐Well ☐Spring ☐Other
EVALUATION METHOD: ☑Augur Boring ☐Pit ☐Cut
TYPE OF WASTEWATER: ☑Sewage ☐Industrial Process ☐Mixed

PROFILE #	slopes 5-12% .1940 Landscape Position/ Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS &LTAR
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SITE CLASSIFICATION (.1948): Unsuitable
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OTHER(S) PRESENT:

FEE: 100.00
DATE: 3-25-99
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NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 29016

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 019-242-12PD

STREET ADDRESS: [redacted] MAC WOOD RD

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

TOWNSHIP (CHECK ONE):

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

CLOSING DATE_____

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- ✓ HOUSE (H)
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- __ MULTIPLE FAMILY (U)
- __ OTHER (O)

HEATED SQUARE FOOTAGE: 2000+

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS: 6

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- __ WITHOUT BASEMENT
- __ ON SLAB
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- __ 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 ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

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

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

PROPERTY OWNER:

NAME: BYRUM ERNEST W
(LAST) (FIRST) (MI)

ADDRESS: 15632 MAC WOOD RD

CITY: HUNTERSVILLE STATE: NC ZIP: 28078

DAYTIME PHONE: (704) 336-6890

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) –

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

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ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

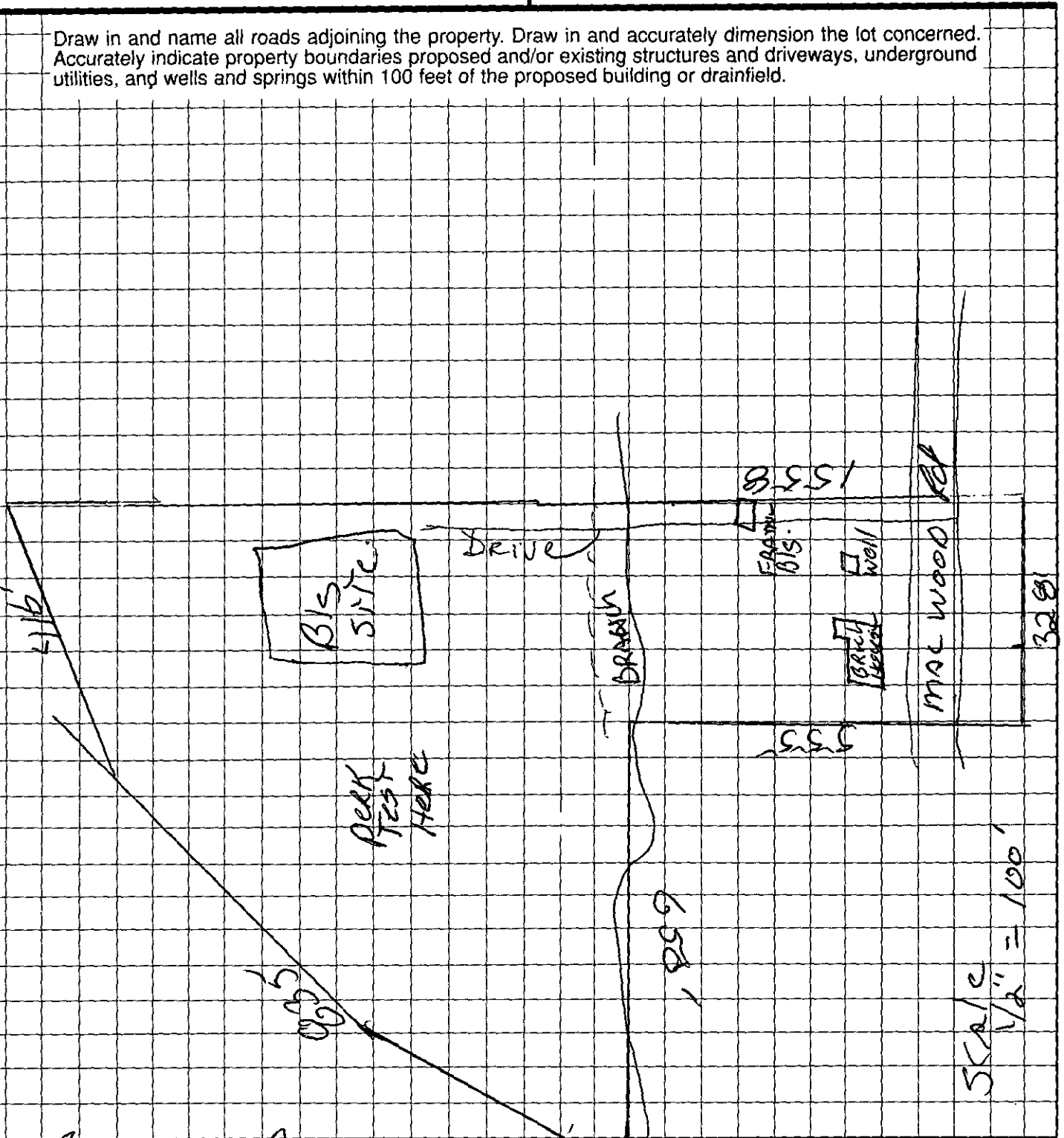
PROPOSED PLOT PLAN

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

FILE: 2901B

TC: 019-242-12

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