

12/21/2007

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Groundwater and Wastewater Services File Imaging Project

May 2007

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Mecklenburg County
Health Department

July 17, 1996

Mr. Jerry D. McNeil
2432 Williams Road
Matthews, NC 28105

Re: Williams Road
File: 1472B
Parcel: 193-181-14PO

Dear Mr. McNeil:

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)** .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 indicated 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 groundwater or surface water, and
> (3) the effluent will not be exposed on the ground surface or be discharged to the surface waters where it could come in contact with people, animals, or vectors.

The state shall review the substantiating data 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 do not hesitate to call me at 336-5575.

Sincerely,

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

KR:gc

Mecklenburg County
Health Department

Jerry D McNeil
2432 Williams Rd.
Matthews NC 28105

File: 1472 B
Re: Williams Rd
parcel: PO 193-181-14

Dear Mr McNeil

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. over 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:

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> (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 groundwater or surface water; and
> (3) the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

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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.

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Sincerely,

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

.1941 SOIL CHARACTERISTICS (MORPHOLOGY)

.1943 SOIL DEPTH, and,

.1945 AVAILABLE SPACE

FEE: 150.00 ck 1049 SC
DATE: 6/25/96

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 #: 14726

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 193-181-14 80

STREET ADDRESS: ~~2432~~ Williams Rd

SUBDIVISION OR MOBILE HOME PARK NAME: none

LOT NUMBER: 14 -

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):

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

HEATED SQUARE FOOTAGE: 1,612

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 2

FOUNDATION FOR RESIDENCE#

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

CLOSING DATE_____

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 [X] NO	WELL, SPRINGS OR WATERLINES	[ ] YES [X] NO
EXISTING WASTEWATER SYSTEMS	[ ] YES [X] NO	DESIGNATED WETLANDS	[ ] YES [X] NO
EASTMENTS OR RIGHT-OF-WAYS	[ ] YES [X] NO		

PROPERTY OWNER:

NAME: (LAST) McNeil (FIRST) Jerry (MI) D

ADDRESS: 2432 Williams Rd

CITY: Matthews STATE: NC ZIP:

DAYTIME PHONE: Bus 847-0395

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

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: Jerry D McNeil DATE: 6-25-96

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

COPY

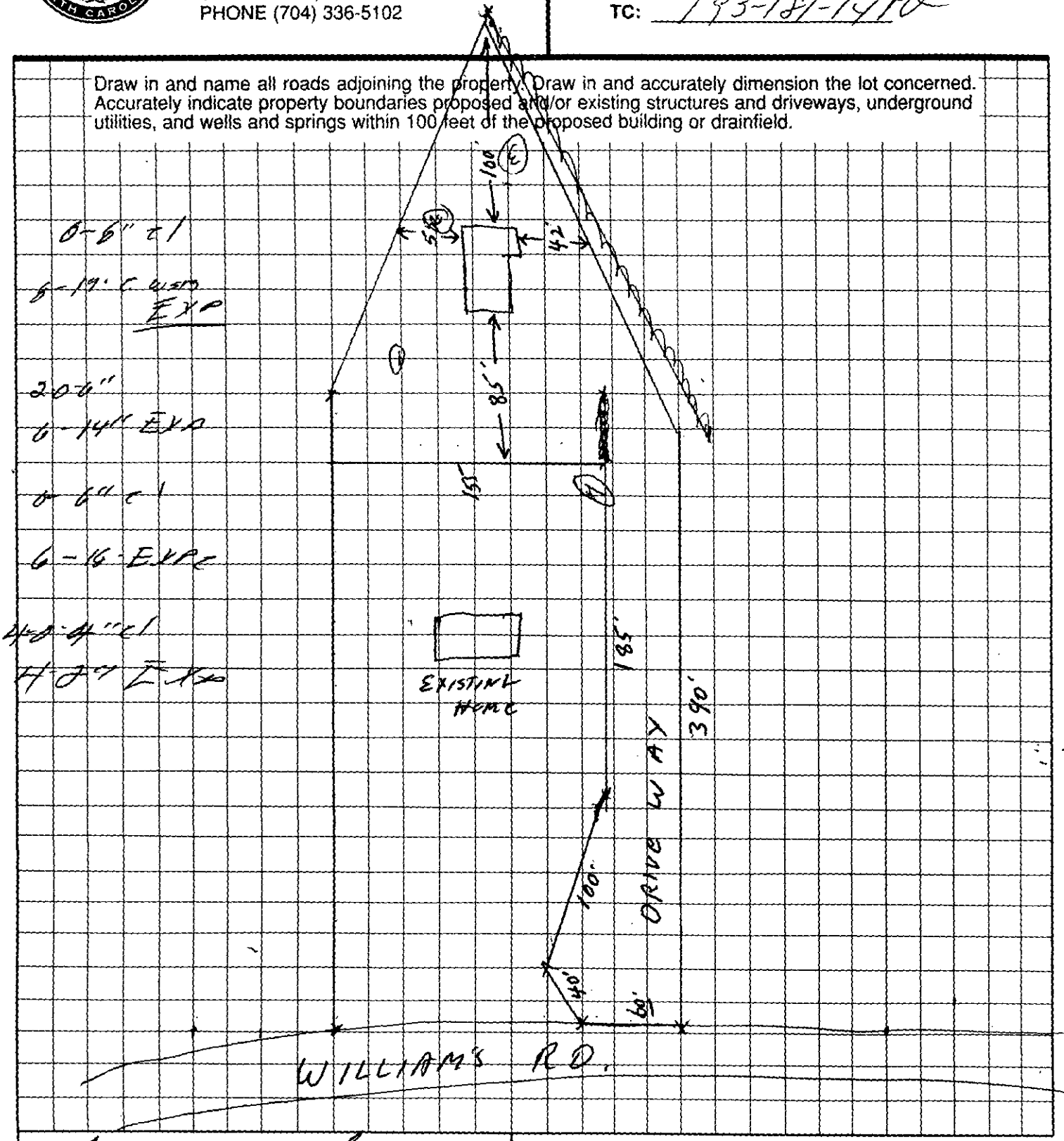
PROPOSED PLOT PLAN

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

FILE: 1472B

TC: 193-181-1490

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.



0-6" cl
6-19" c gravel EXP

20-6"
6-14" EXP

3
0-6" cl
6-16" EXP

40-44" cl
44-?" EXP

OWNER/AGENT SIGNATURE

DATE 6-26-96

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

Sheet
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

#3 14729
PO. 193-161-14

OWNER: Jerry D. McNeill APPLICANT:
ADDRESS: 2432 Williamson Rd, Grer. APPLICATION DATE: DATE EVALUATED:
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 360gpd PROPERTY SIZE: .95
LOCATION OF SITE: Williamson Rd PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slope 5-10% .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	R	0-8"	gr/cl	Fr/SEXP/SS/SP	7/7" TO Chroma 2 Colors	17"	N/A	None	US
		8-17"	SBK/c	F:/EXP/SP					
2	R	0-6"	gr/cl	Fr/SEXP/SS/SP	7/14" TO Chroma 2 colors	14"	N/A	None	US
		6-14"	SBK/c	F:/EXP/SP					
3	R	0-6"	gr/cl	Fr/SEXP/SS/SP	7/16" TO Chroma 2 colors	16"	N/A	None	US
		6-16"	SBK/c	F:/EXP/SP					
4	R	0-4"	gr/cl	Fr/SEXP/SS/SP	7/27" TO Chroma 2 colors	27"	N/A	None	US
		4-27"	SBK/c	F:/EXP/SP					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): Acceptable
EVALUATED BY: William A. Neal 7-15-96

OMMENTS: 1002 Repair

LEGEND

use the following standard abbreviations

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

OTES

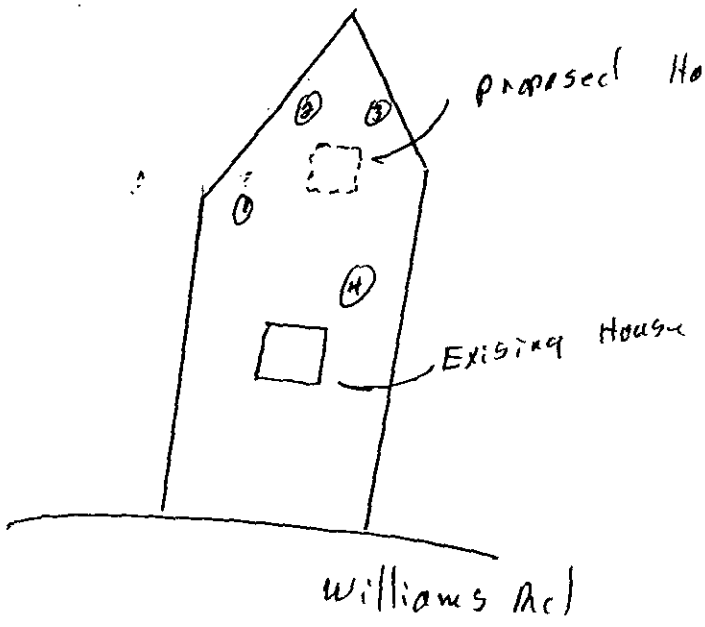
ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
STRUCTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
OIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less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

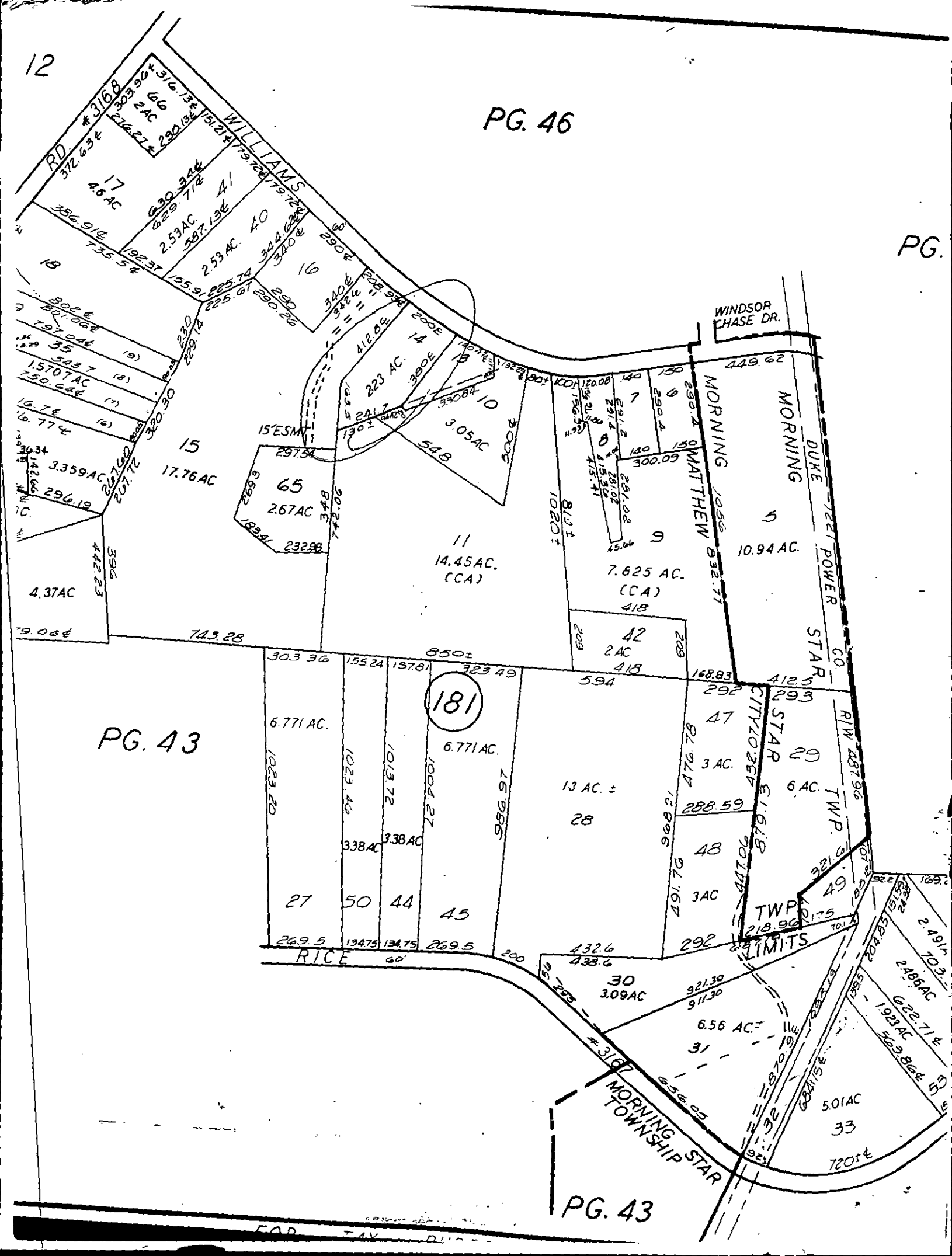
valuation of saprolite shall be by pits.

ong-term Acceptance Rate (LTAR): gal/day/ft²

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

14128




12
PG. 46
PG.
PG. 43
PG. 43
WILLIAMS RD. #3168
WINDSOR CHASE DR.
MORNING STAR
DUKE POWER CO.
MATTHEW
MORNING
RICE
MORNING STAR TOWNSHIP
CITY LIMITS
TWP.
RIW
ESMT
17
4.6 AC
41
2.53 AC.
40
2.53 AC.
16
18
15
17.76 AC
65
2.67 AC
14
2.23 AC.
10
3.05 AC
11
14.45 AC.
(CA)
9
7.625 AC.
(CA)
5
10.94 AC.
42
2 AC
47
3 AC.
20
6 AC.
48
3 AC
49
28
13 AC. ±
181
6.771 AC.
6.771 AC.
27
50
44
45
30
3.09 AC
31
6.56 AC.
33
5.01 AC
3.38 AC
3.38 AC
4.37 AC
3.359 AC
1.570 T AC
2.486 AC
1.923 AC
2.491
2.048
743.28
850±
594
418
720±

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

6400

Street
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

#3 14729
PO 193-161-14

OWNER: Jerry D. McNeill APPLICANT:
ADDRESS: 2432 Williamson Acres APPLICATION DATE: DATE EVALUATED:
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 360gpd PROPERTY SIZE: 15
LOCATION OF SITE: Williamson 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS 1942 SOIL WETNESS/ COLOR	1943 SOIL DEPTH	1956 SAPRO CLASS	1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	A	0-8"	gr/cl	Fr/SEXP/SS/SP	7½" TO	17"	N/A	None	US
		8-17"	SBK/c	Fi/EXP/SP	Chroma 2 colors				
2	A	0-6"	gr/cl	Fr/SEXP/SS/SP	7 14" TO	14"	N/A	None	US
		6-14"	SBK/c	Fi/EXP/SP	Chroma 2 colors				
3	A	0-6"	gr/cl	Fr/SEXP/SS/SP	7 16" TO	16"	N/A	None	US
		6-16"	SBK/c	Fi/EXP/SP	Chroma 2 colors				
4	A	0-4"	gr/cl	Fr/SEXP/SS/SP	7 27"	27"	N/A	None	US
		4-27"	SBK/c	Fi/EXP/SP	TO Chroma 2 colors				

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: William B. Neal 7-15-96
OTHER(S) PRESENT:

OMMENTS: 1002 Repair

LEGEND

use the following standard abbreviations

ANDSCAPE 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)		SLC (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 (Slighly 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)

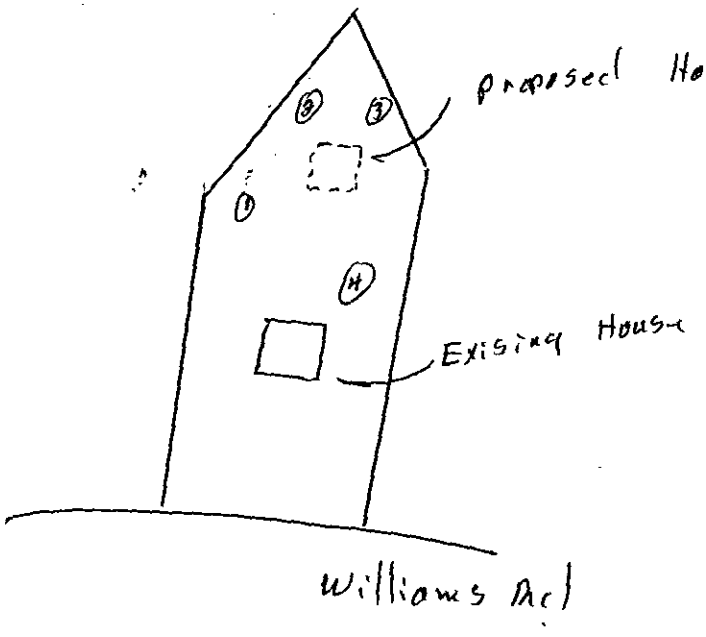
OTES	
ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRICTIVE HORIZON	Thickness and depth from land surface
APROLITE	S(suitable) or U(unsuitable)
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LASSIFICATION	S (Suitable), PS (Provisionally Suitable), 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).

14720



FEE: 100.00 CK# 1047 SC
DATE: 6/25/96

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 #: 14728

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 193-181-14 PT

STREET ADDRESS: ~~2432~~ Williams Rd

SUBDIVISION OR MOBILE HOME PARK NAME: none

LOT NUMBER: 14 -

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):

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

HEATED SQUARE FOOTAGE: 1,612

NUMBER OF BEDROOMS: 3 | NUMBER OF OCCUPANTS: 2

CLOSING DATE _____

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)
__ 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 __ YES X NO

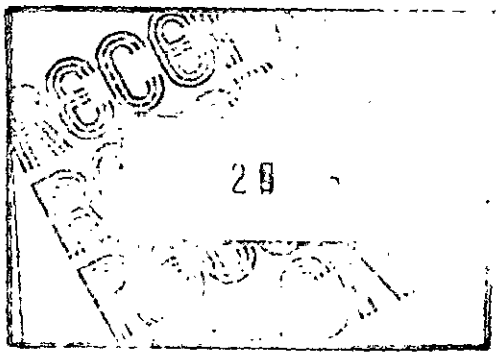
PROPERTY OWNER:	LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: (LAST) M'Neil (FIRST) Jerry (MI) D.	NAME: (LAST) (FIRST) (MI)
ADDRESS: 2432 Williams Rd	DAYTIME PHONE: ( ) -
CITY: Matthews STATE: NC ZIP:	
DAYTIME PHONE: 704 - 847-0395	

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: Jerry D M'Neil DATE: 6-25-96

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


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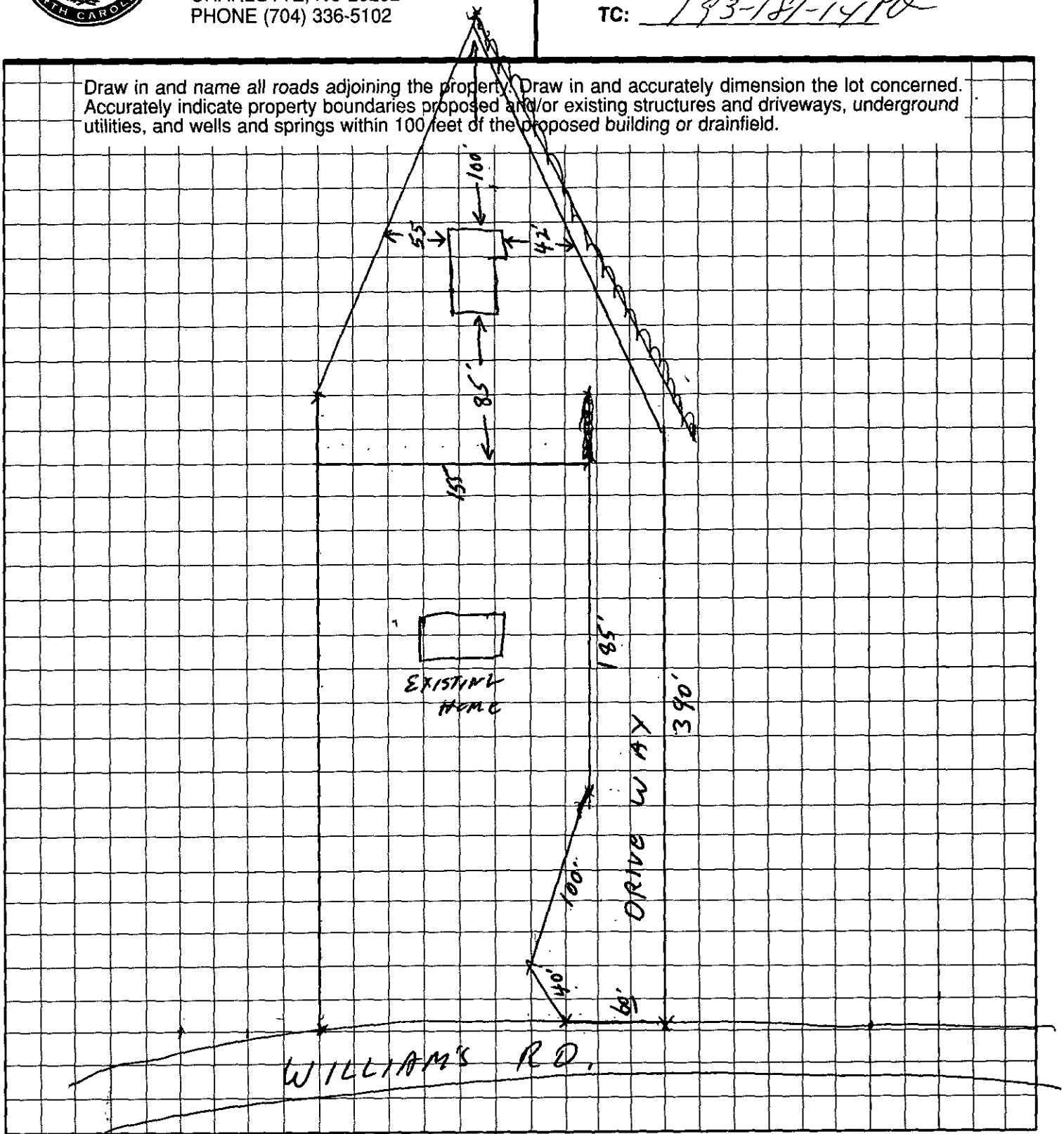
PROPOSED PLOT PLAN

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

FILE: 1472B

TC: 193-181-1490

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 6-26-96

APPROVAL DATE

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy