

11432 PUMP STATION RD

02311303

12/20/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

FEE: 100.00
DATE: 4/10/96
CK # 1345

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

[ ] 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 #: 1341B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 023-113-03

STREET ADDRESS: 11432 Pump Station Rd

SUBDIVISION OR MOBILE HOME PARK NAME: N/A

LOT NUMBER:

TYPE OF BUILDING (CHECK ONE):

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

TOWNSHIP (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 1688 square foot

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 4

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:

N/A

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: __ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

__ COMMUNITY (C) 5/24/96 ✓ 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:

NAME: Helderman, George Wayne
(LAST) (FIRST) (MI)

ADDRESS: 6600 Mt. Holly-Huntersville Rd

CITY: Charlotte STATE: NC ZIP 28216

DAYTIME PHONE: (704) 399 -6188

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: N/A
(LAST) Mowrey (FIRST) Steve (MI) J

DAYTIME PHONE: ( ) 392 - 7071

George Wayne Helderman SON-IN-Law 5/24/96

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? April 1, 1994

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: Steve James Mowrey DATE: 4-10-96

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

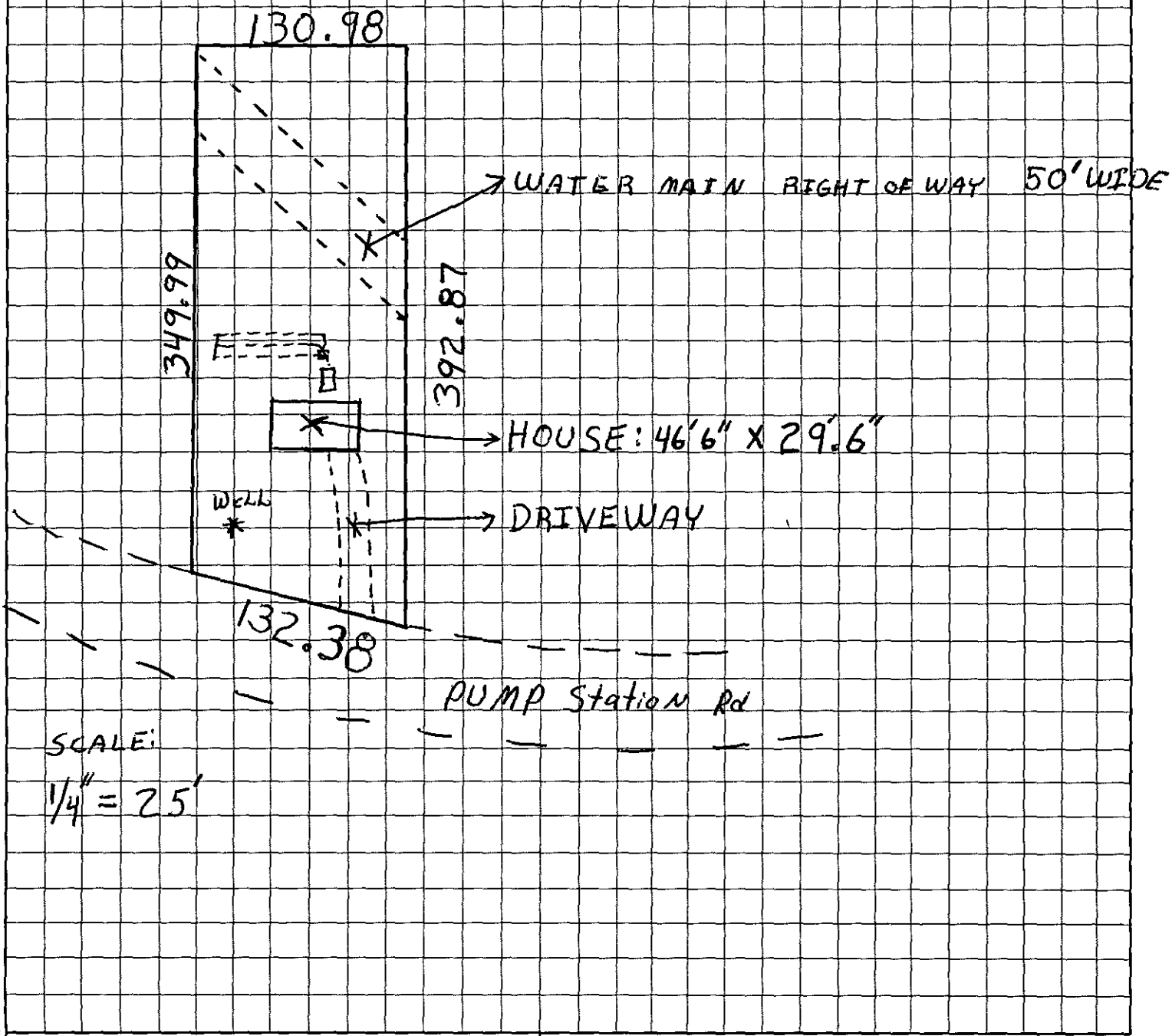
PROPOSED PLOT PLAN

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

FILE: 1341B

TC: 023-113-03

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.



APPROVAL DATE _____

OWNER/AGENT SIGNATURE

DATE

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

TO: ENVIRONMENTAL HEALTH DEPT.
BUILDING STANDARDS DEPT.
DEPT. OF ENVIRONMENTAL PROTECTION/
SOLID AND HAZARDOUS WASTE

DATE: 4/10/96

FROM: COUNTY ENGINEERING DEPARTMENT

EHD FILE _____ JURISDICTION CODE Meck

PARCEL NUMBER 023 - 113 - 03po

ASSIGNED ADDRESS 11432 Pump Station Rd

EXISTING ADDRESS _____

PROJECT NAME N.A

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	DISAPPROVED
1. SUBDIVISION REGULATIONS		*
2. FLOODWAY REGULATIONS		*
3. EROSION CONTROL REGULATIONS		*
4. PUBLIC UTILITY EASEMENT		*

	PRESENT	NOT PRESENT
5. PUBLIC UTILITY EASEMENT	*	
6. PROPERTY FRONTS ON THOROUGHFARE	*	
7. DRIVEWAY PERMIT REQUIRED	*	

*If checked, further investigation will be required to determine whether a building permit can be issued by Building Standards for the site.

REMARKS: Septic tank

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIER'S OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.

A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAYS.

SIGNED: Rube

OPWEAR 06-88

NEW ADDRESS ___ *

FORM 100

File 1341 B

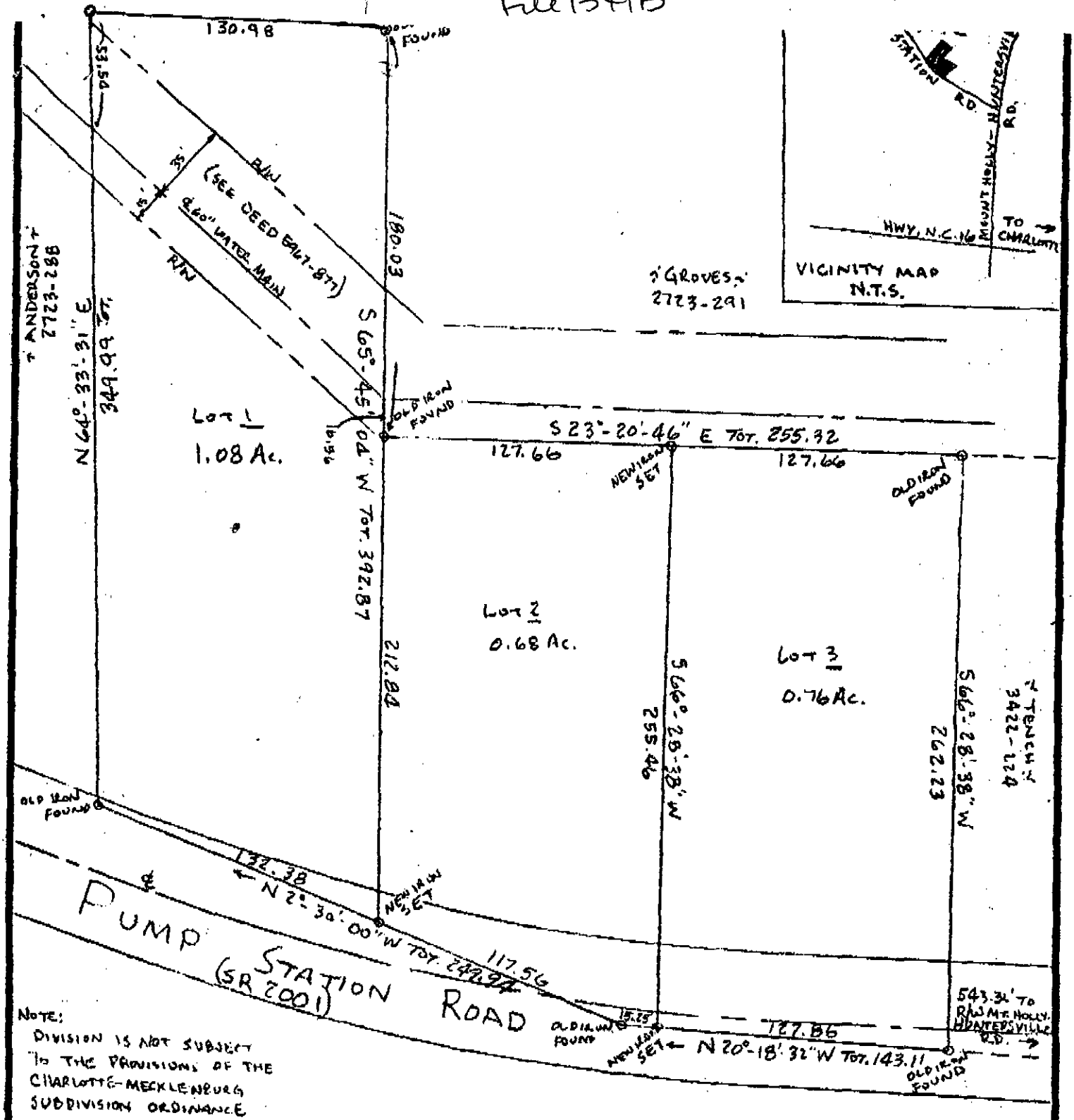
M E C S
Mowry Electrical Contracting Service
6602 Mt. Holly Huntersville Road
Charlotte, NC 28216

Business/Fax: (704) 392-7071

Attention: Lisa M.

Page 1 of 2

File 1341B



NOTE:
DIVISION IS NOT SUBJECT TO THE PROVISIONS OF THE CHARLOTTE-MECKLENBURG SUBDIVISION ORDINANCE

BOUNDARY SURVEY
OF

DIVISION OF 2.52 ACRES

PAW CREEK TOWNSHIP, MECKLENBURG COUNTY, N.C.

E.O.C.
1:25,000'

PROPERTY OF GEORGE WAYNE HELDERMAN & wife BARBARA TENCH HELDERMAN

DATE: APRIL 1, 1994

SCALE: 1" = 60'

MAP RECORDED IN BOOK _____ PAGE _____ DEED RECORDED IN BOOK 4489 PAGE 262

REF. DEED BOOK _____ PAGE _____

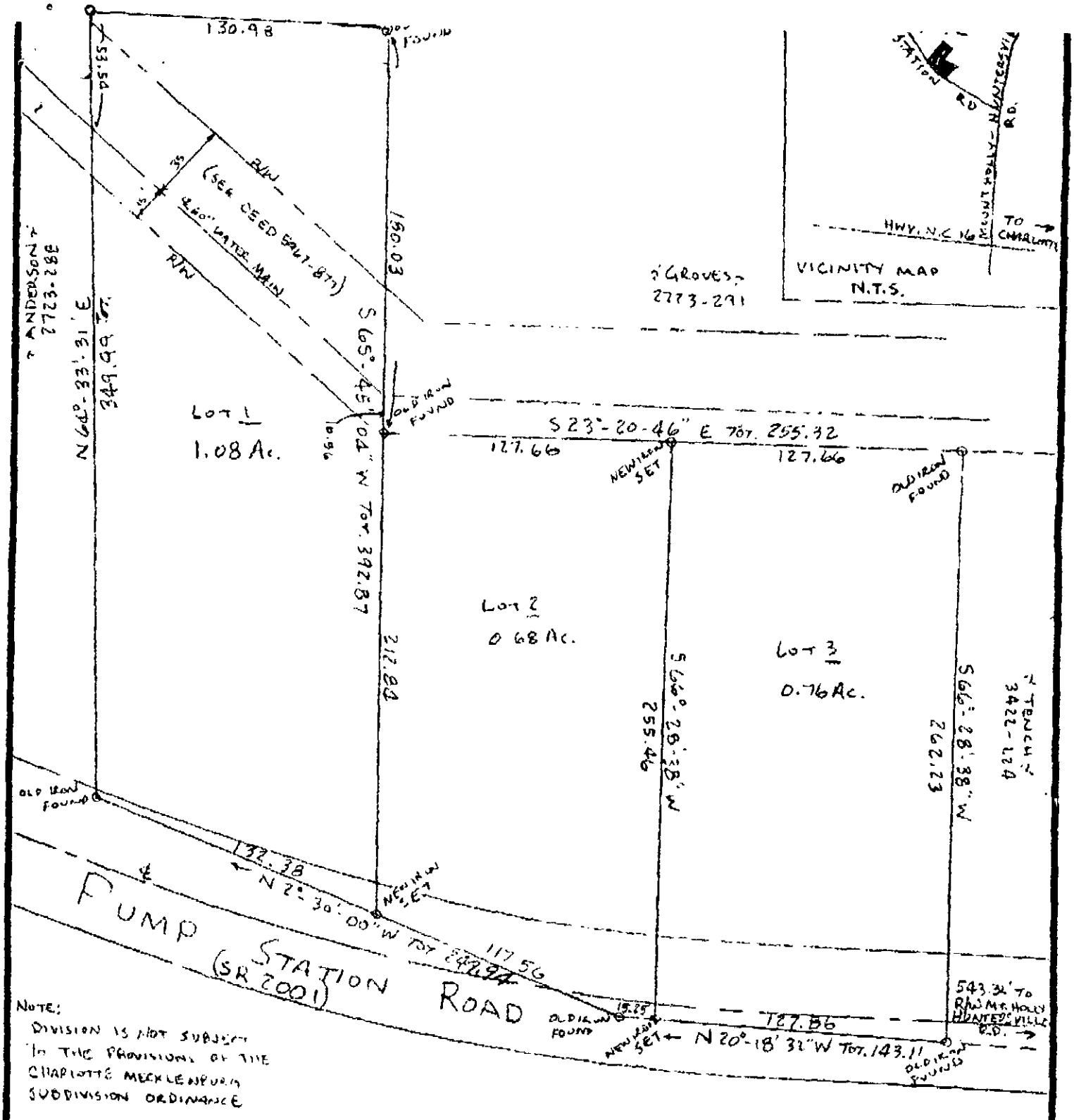
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PROPERTY OF GEORGE WAYNE HELDERMAN & w.f. BARBARA TENCH HELDERMAN

DATE: APRIL 1, 1994

SCALE: 1" = 60'

MAP RECORDED IN BOOK _____ PAGE _____ DEED RECORDED IN BOOK 4489 PAGE 262

REF. DEED BOOK _____ PAGE _____

Retain as part of file # 1341B

October 10, 1996

TO: The City of Charlotte/Mecklenburg County

FROM: Wayne Helderman, Sr.

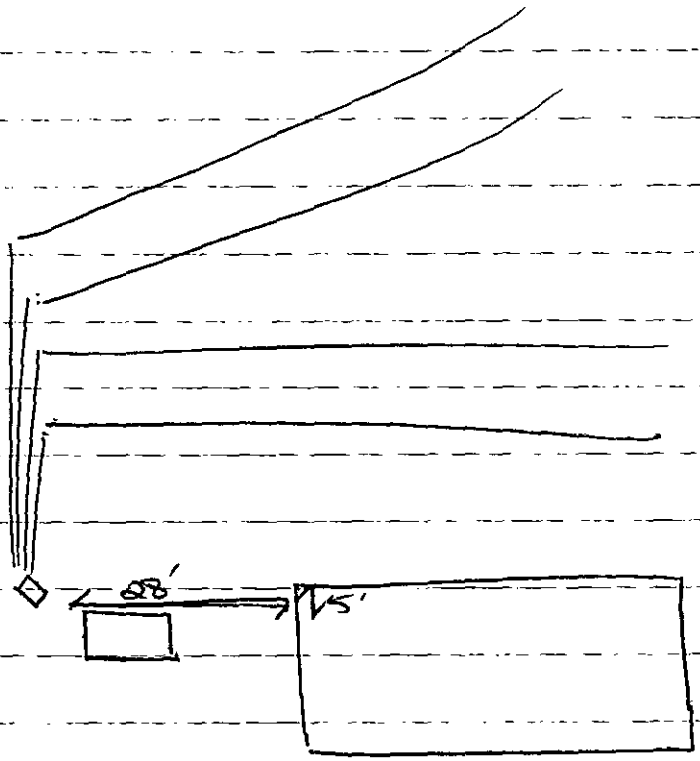
RE: Septic System
Property Location: 11432 Pump Station Road
Charlotte, NC 28216

Per a telephone conversation on October 09, 1996, I am writing this letter conceding that I unknowingly contracted an uncertified operator to install a septic system on the property cited above. I assume all responsibility for said system and understand that in place of a clear final inspection, I will instead receive a certificate of occupancy. In addition, I will make plans to connect with to city sewage as soon as possible.

Wayne Helderman Sr.
10-10-96

Memorandum to File 1341B

10/10/96, 10/11/96 System installed without final approval. Illegal contractor - Don Tench. NOV letter to Mr. Tench. See file. See letter from Mr. Wayne Helderman, Sr. to Meck. Co. regarding this issue.



Cursory Check

(see computer)

CB #2275 #400

FEE: 100.00 **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: 5/28/96 **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 5/23/96 **PERMIT NO:** 1341 B
PARCEL NO: 023-113-03

JOB LOCATION ADDRESS: 11432 Pump Station Road
PROPERTY OWNER: George Wayne Helderman
BUILDING CONTRACTOR:
SUBDIVISION NAME:
AUTHORIZATION ISSUED BY: Lisa B. Mialik, RS **DATE:** 5/23/96
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 1341 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: See conditions of improvement permit + associated plot plan.

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.

Steven J. Mowery 5-24-96
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: 1341B

Tax Number: 023-113-03

- 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

___ Low Pressure Pipe
___ Large Diameter Pipe
___ Fill
___ Other

___ Innovative or Experimental:
___ IWWS-93-1
___ IWWS-93-2
___ IWWS-94-1

IP violated
No final issued

3 Long-term acceptance rate | 36 | ? Absorption Area (sq ft) | 9' Trench spacing (min. on centers)

No municipal Serviced by private well | 150 | 400 Total trench length (ft) | 22-24" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)

3 Bedrooms in residence | NA Gallon pump tank | 12" Depth of stone

Any surface waters present: No Type: Minimum separation distance:

Site modifications required:

Additional Conditions: (1) Do not grade/disturb area for septic system and its designated repair area. (2) Plumb house high to accommodate shallow placement of septic tank. (3) Keep waterline 10' minimum from any portion of septic system & its designated repair area. (4) Keep installation 100' from any well. (5) Install nitrification lines on contour.

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

1200 Absorption Area (Sq ft)
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: NA

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.

Lisa B. Mialik, RS 5/23/96
DEHNR Authorized Agent Date

Owner/Agent Signature 5-24-96
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

IWWS-100195

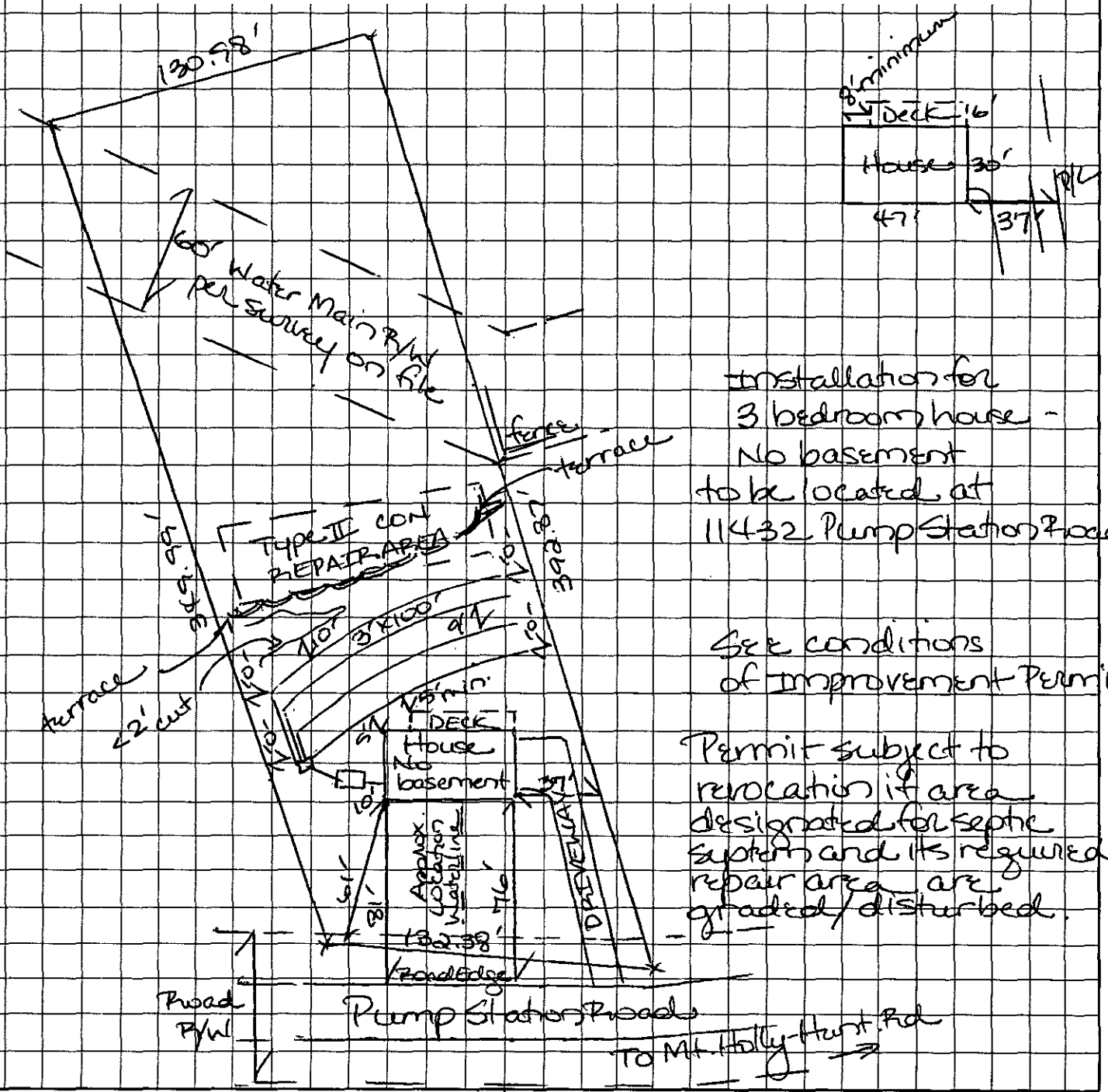
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CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1341B

TC: 023-113-03

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.



Installation for 3 bedroom house - No basement to be located at 11432 Pump Station Road.

See conditions of Improvement Permit.

Permit subject to revocation if area designated for septic system and its required repair area are graded/disturbed.

Steven A Mauney
OWNER/AGENT SIGNATURE

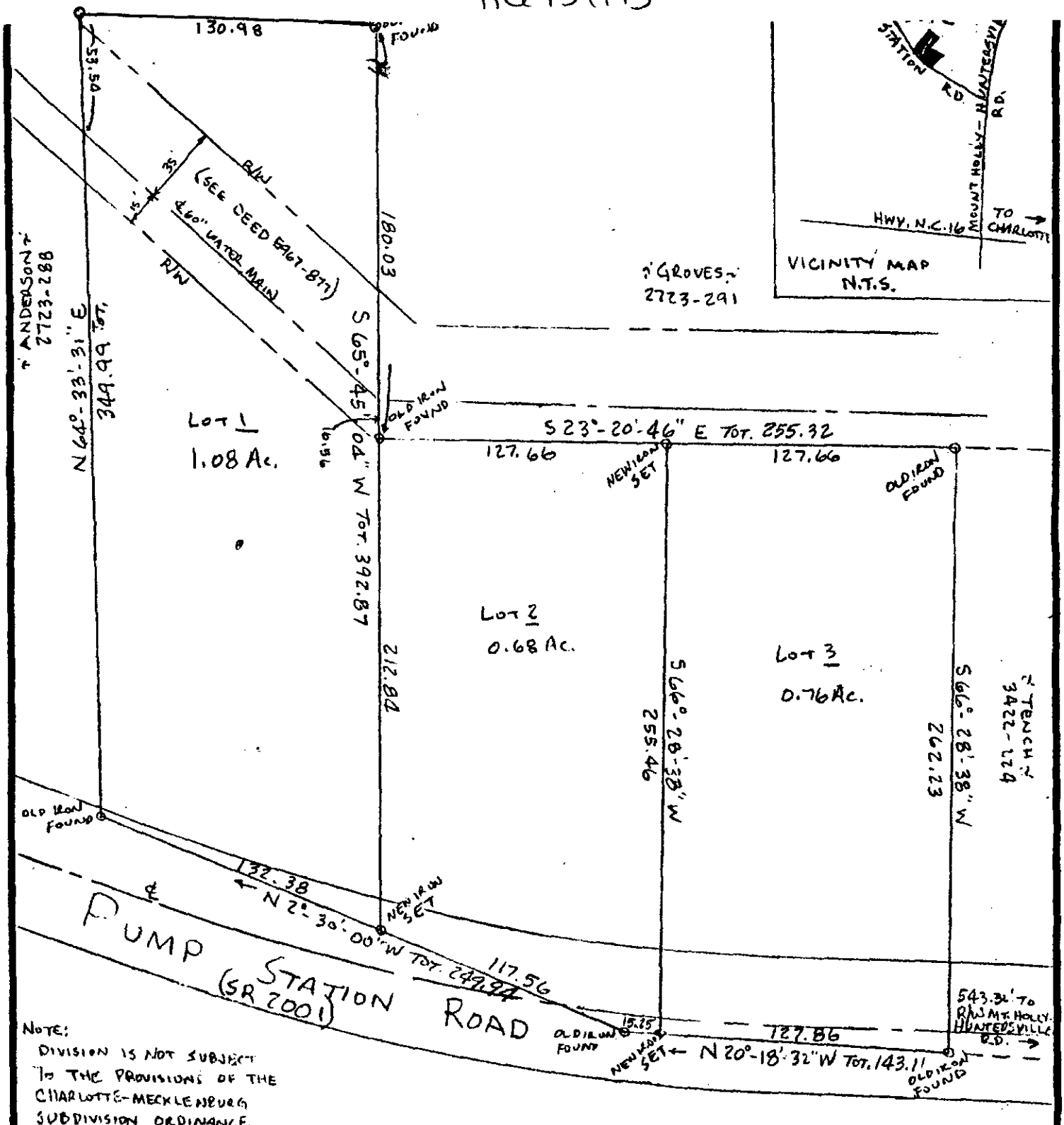
DATE 5-24-96

APPROVAL DATE 5/23/96 Jiba B. Malik, RS

pg 2 of 2

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

FLE 1341 B



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BOUNDARY SURVEY

OF

DIVISION OF 2.52 ACRES

PAW CREEK TOWNSHIP, MECKLENBURG COUNTY, N.C.

E.O.C. 1:25,000

PROPERTY OF GEORGE WAYNE HELDERMAN & w.h. BARBARA TENCH HELDERMAN

DATE: APRIL 1, 1994

SCALE: 1" = 60'

MAP RECORDED IN BOOK _____ PAGE _____ DEED RECORDED IN BOOK 4483 PAGE 262

REF. DEED BOOK _____ PAGE _____

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

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

#2 13418
023-113-03

OWNER: George W. Helderman APPLICANT: ___
ADDRESS: 6600 Nr. Holly-Henderson Rd Ther APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: 1.1
LOCATION OF SITE: 11432 Pumpa Station Road PROPERTY RECORDED: ___
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slopes 8-12% .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		0-24"	SBK/c	Fv/SEXP/SS/SP	>34" TO chroma 2 Mottles	34"	N/A	None	US .39/F2 IV
		24-34"	SBK/sc1	Fv/SEXP/SS/SP					
2		0-4"	gr/c1	Fr/SEXP/SS/SP	>42" TO chroma 2 Mottles	42"	N/A	None	PS .39/F2 IV
		4-36"	SBK/c	Fr-Fi/SEXP/SS/SP					
		36-42"	SBK/c1	Fv/SEXP/SS/SP					
3		0-2"	gr/c1	Fv/SEXP/SS/SP	>26" TO chroma 2 Mottles	26"	N/A	None	US .39/F2 IV
		2-20"	SBK/c	Fr-Fi/SEXP/SS/SP					
		20-26"	SBK/c1	Fv/SEXP/SS/SP					
4		0-3"	gr/c1	Fv/SEXP/SS/SP	>48" TO chroma 2 mottles	48"	N/A	None	PS .39/F2 IV
		3-48"	SBK/c	Fr-Fi/SEXP/SS/SP					
5		0-3"	gr/c1	Fv/SEXP/SS/SP	>48" TO chroma 2 Mottles	48"	N/A	None	PS .39/F2 IV
		3-36"	SBK/c	Fr-Fi/SEXP/SS/SP					
		36-46"	SBK/c1	Fv/SEXP/SS/SP					

Consulted B. Martin regarding shallow depth of auger boring. Agreed to issuance of I.P. from House shifted forward.

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

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W.R. Martin 5-10-96
OTHER(S) PRESENT: ___

OMMENTS: 100% 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		
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None			

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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).

13418

