

12922 WESTMORELAND FARM RD

00742305

12/31/2007

duponbj

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

CERTIFICATE OF COMPLETION/OPERATION PERMIT

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

FILE: 2625B DATE: 2/12/01

TC: 007 423 05 ☒ L ☒ CRT

SERIAL Nº 18566

Name of Owner Jim Herring Juris.: _____

Address of Property 12922 Westmoreland Farms

Inspection Data:

Tank Material PCC

Total Length of Drainfield 600'

Number of Lines 5 @ 120'

Cover Depth 6"

Water Supply Source Municipal

Distance to Water Source >10'

Excavation Inspected 2/3/01

Tank(s) Inspected 2/12/01

Wash Line Inspected plumb to tank

High Water Alarm Inspected 2/12/01

PLOT

Design 200l, 1500ST, 1000 DT, PI, 1800SFT, 12"stone Cecil CTR# Curt Dunning
pressure manifold

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: Septic system designed for a 4 bedroom residence

Type IIIb

Philip S. Walker 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: 2625B DATE: 2/2/01

TC: 007 42305 VL

SERIAL Nº 18687

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 8/10/98. All work shall be completed on or before ~~2/1/01~~ 3/2/01, 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.

Septic System to be installed in accordance with approved plot plan

PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PVC

Trench Depth 24"

Absorption and/or Nitrification Lines:

Trench Width ____ feet

Trench Walls Scored and Porous Yes

Total Line Length ____ feet

Number of Lines ____

Depth of Stone ____ inches

Distance from House 5' feet

Distance from Property Line 10' feet

Distance from ~~Well~~ municipal feet

plot plan

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

NAME OF OWNER Jim Herring

LOCATION OF PROPERTY 12922 Westmore land Farm

Comments: Septic system to be installed in accordance w/ approved plot plan

Rhoda S. Walker R.S.
Environmental Health Specialist

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

pd 150 ck# 1425 pd 100 11-14-00 additional site evaluation

FEE: pd 150 AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION
DATE: VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

DATE: 3-31-99 150 ck# 2485 2/14/01 gc PERMIT NO: 2625B
PARCEL NO: 007-423-05

JOB LOCATION ADDRESS: 12922 Westmoreland Farm Rd
PROPERTY OWNER: Jim Herring
BUILDING CONTRACTOR:
SUBDIVISION NAME: Westmoreland Farm Lot 21
AUTHORIZATION ISSUED BY: Tammy Thompson, R.S. DATE: 3-31-99
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 2625B, 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
All parts of easement must be clearly marked before installation permit card be issued

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.

SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE — DATE: July 9 '99

Permit Number: 7625B 007-423-05

- 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	
275 Long-term acceptance rate	480 Max gallons/day wastewater flow	1800 Absorption Area (sq ft)	9' Trench spacing (min. on centers)	
N/A Serviced by private well	1500 Gallon septic tank	600 Total trench length (ft)	17" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)	
4 Bedrooms in residence	1000 Gallon pump tank	12" Depth of stone		
Any surface waters present:	Type:	Minimum separation distance:		
Site modifications required:				
Additional Conditions: - See Conditions of Improvement Permit. - Additional Soil Cover may be required - Nella 4x Simplex Control Panel w/ Alarm required at the pump tank - Type IIIb system requires inspection by Health Department at a minimum of once every 5 years - there are fees associated with this.				
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)	N/A Depth of Stone Trench Movative	9' Trench spacing (min. on centers)	19" 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.

Lewis B. Thompson Jr. R.S. 3-31-99
DEHNR Authorized Agent Date

Michelle Abbott
Owner/Agent Signature Date

** All parts of easement must be clearly marked before an installation permit can be issued.

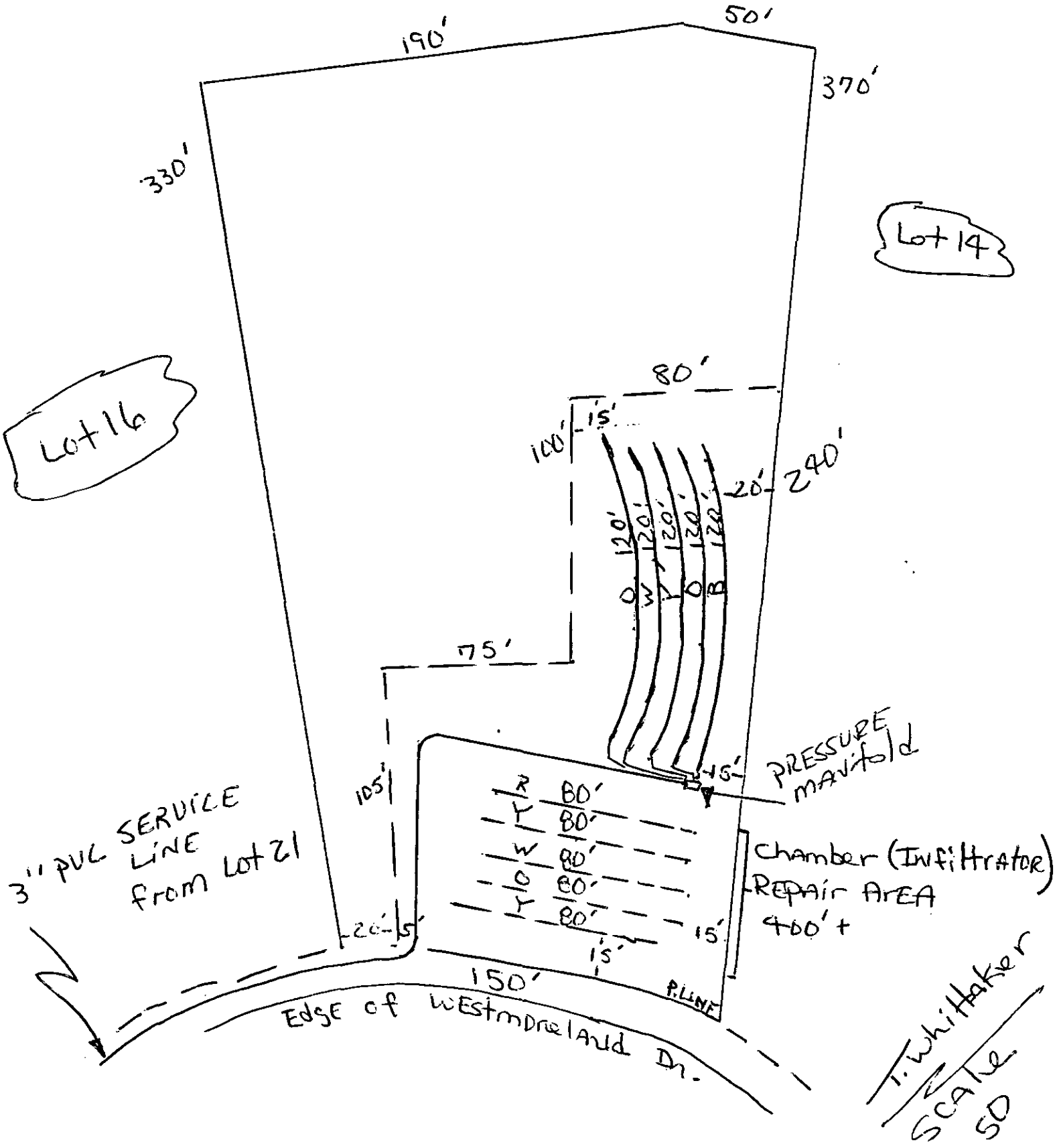
MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, N.C. 28202.
(704) 336-5102

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

* Lot 15 Septic Easement AREA; for Lot 21.

M.C.H.D. File:

* (4) Bedrm. Pumped Shallow Placed Conventional Septic Plan. Pressure manifold Distribution.
(5) 3' x 120' x 12" gravel = 600'



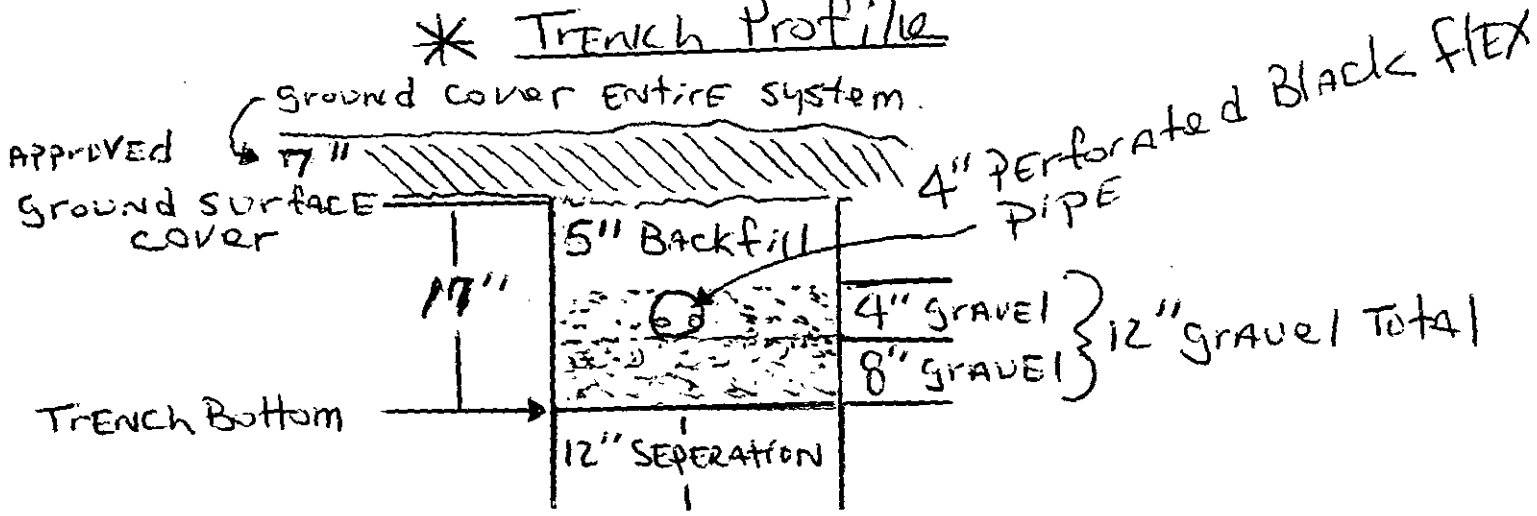
Lot 21 Westmoreland Farms

MCH.D. file:

(4) Bedrm. Pumped Shallow Placed Conventional Septic System, Pressure manifold Distrib.

(5) 120' Trenches, Installed at 17" to trench bottom, on grade & contour. = 600' Total
(5) 3'x120'x12" gravel; installed at 17" trench bottom. (600' At .275 LTAR)

* Trench Profile



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* 1,500 gal. Septic Tank
1,000 gal. Pump Tank
(1) Pressure manifold
(1250'± 3" Sch. 80 Servile line)
* TDH = 41.1 at. 27.4 gal. per min. (7" drawdown)
* 3/4 Hp. pump / 27.4 gal. per min. / 5.4 min. Pump cycle
* NEMA 4 Box & unit per M.C.H.D.
* Requirements. Riser requirements
* Apply. Installer may choose Approved Riser.

T. Whittaker
866-954

* SEE Attached P. MANIFOLD SPECS: PGS. 1-3

Lot 21 WESTMORELAND FARMS

M.C.H.D. File:

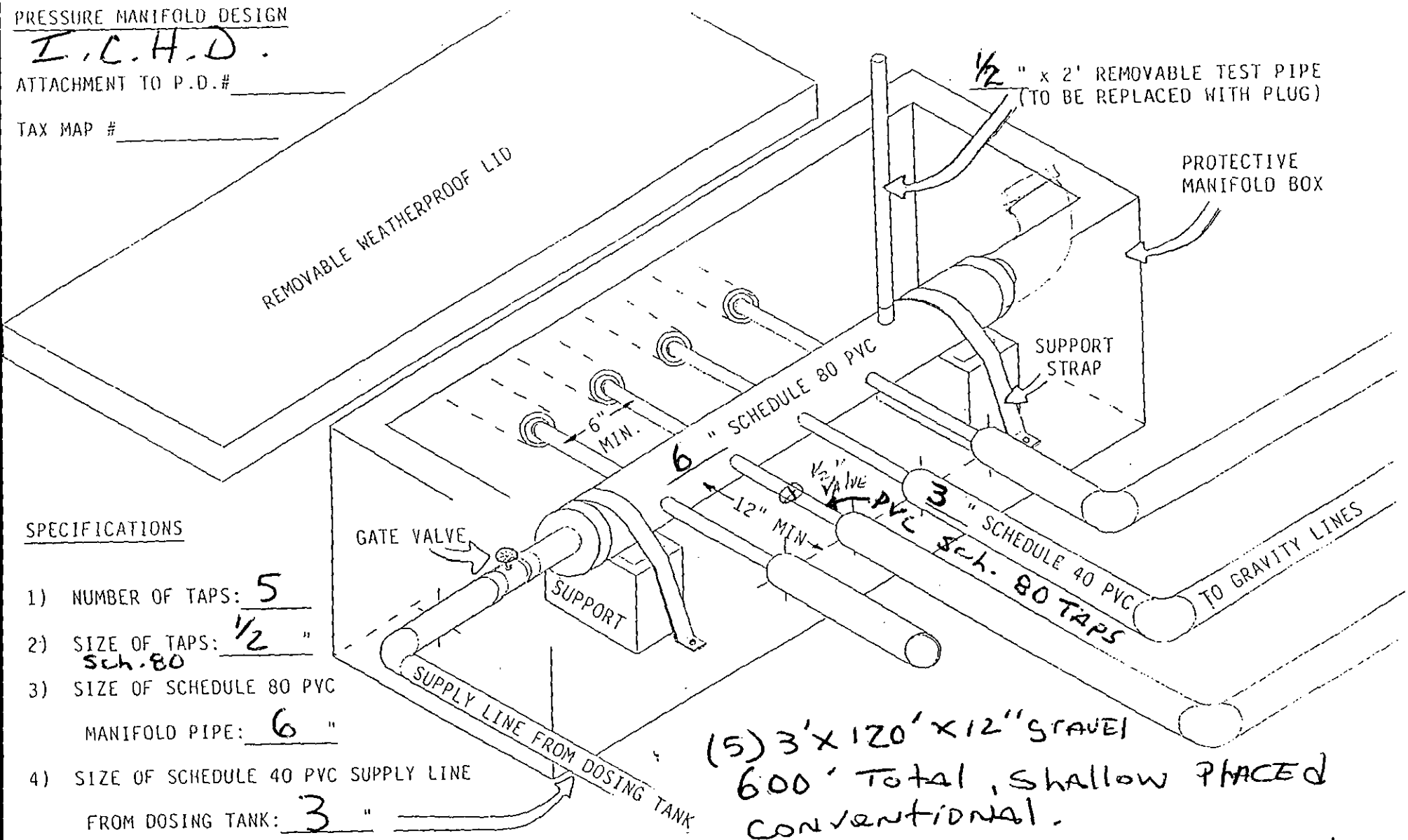
* SEE Attached Sheets

PRESSURE MANIFOLD DESIGN

I.C.H.D.

ATTACHMENT TO P.D.#_____

TAX MAP #_____



SPECIFICATIONS

1) NUMBER OF TAPS: 5

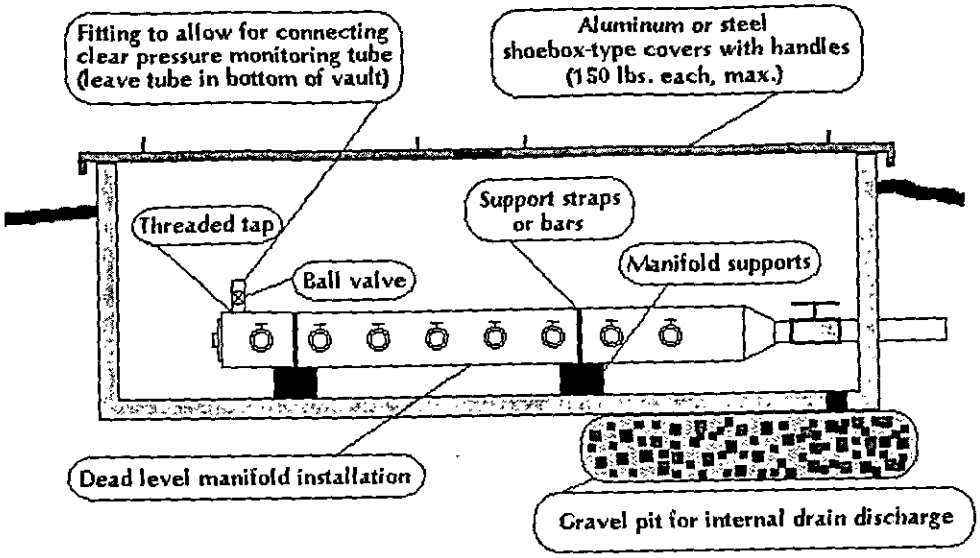
2) SIZE OF TAPS: 1/2 " Sch. 80

3) SIZE OF SCHEDULE 80 PVC MANIFOLD PIPE: 6 "

4) SIZE OF SCHEDULE 40 PVC SUPPLY LINE FROM DOSING TANK: 3 "

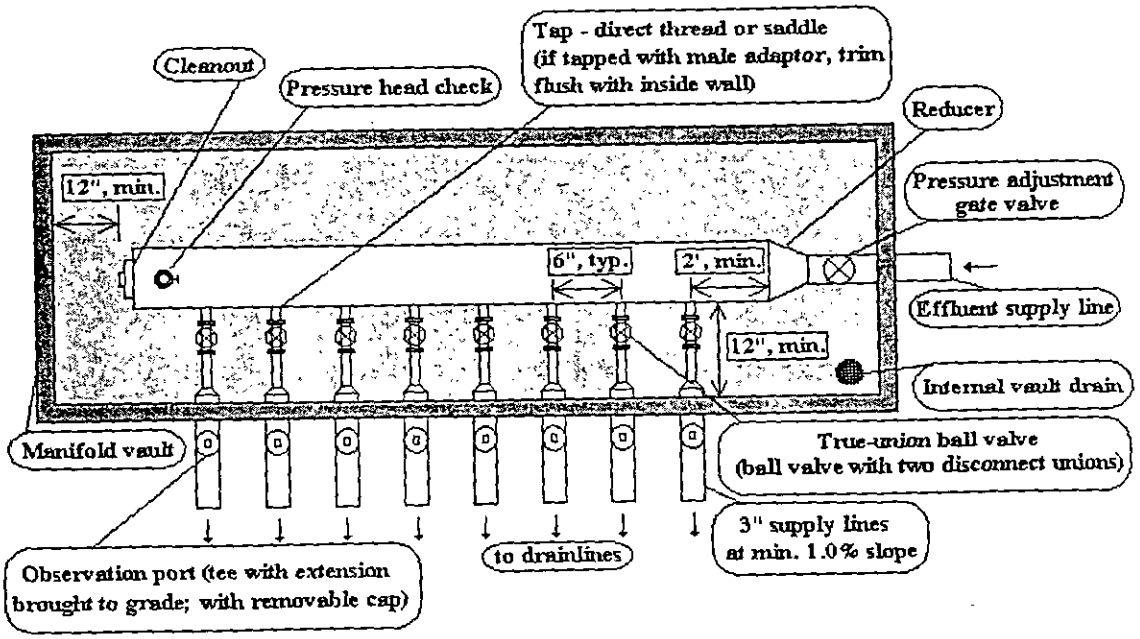
(5) 3' x 120' x 12" GRAVEL
600' Total, Shallow PLACED
Conventional.

* Manifold Box - design per installer preference. M.C.H.D. Approved.



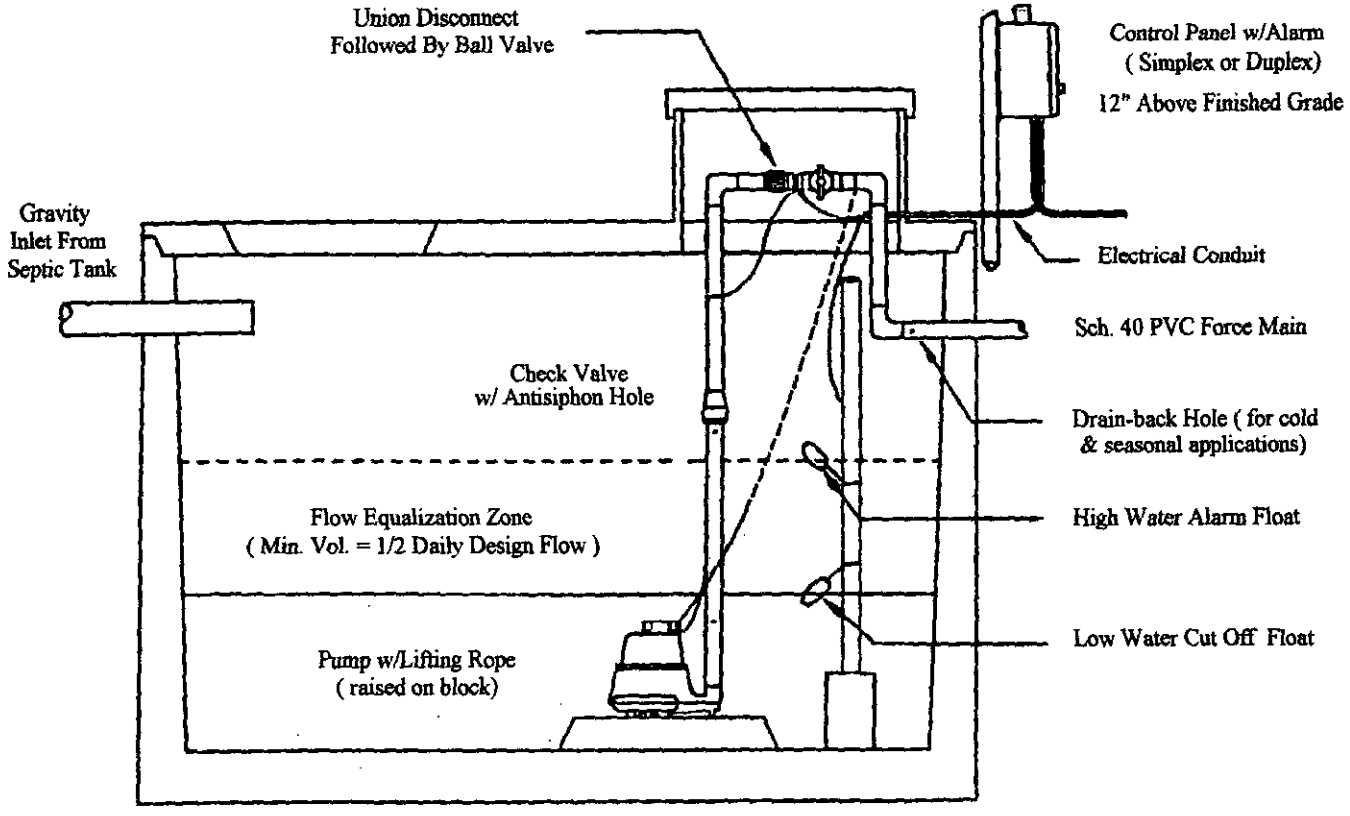
Profile View of Pressure Manifold for Sloping Site Installation

(not to scale)



TYPICAL PUMP TANK DETAIL

1. Pump tank shall have an access manhole extending at least 6 inches above finished grade.
2. Pump and control circuits shall be provided with manual circuit disconnects within a watertight, corrosion-resistant, outside enclosure (NEMA 4X or equivalent) adjacent to the pump tank, securely mounted at least 12 inches above finished grade. The pump(s) shall be manually operable without requiring the use of special tools or entrance into the tank for testing purposes. Conductors shall be conveyed to the disconnect enclosure through waterproof, gasproof, and corrosion-resistant conduits, with no splices or junction boxes provided inside the tank. Wire grips, duct seal, or other suitable material shall be used to seal around wire and wire conduit openings inside the pump tank and disconnect enclosure.
3. The pump tank shall have a properly functioning high-water alarm. The alarm circuit shall be supplied ahead of any pump overload and short circuit protective devices. The alarm shall be audible and visible by system users and included in the pump and control enclosure (Simplex or Duplex Control Panel).
4. Float switch for the high water alarm shall be set no more than 3 inches above the high water level of pump cycle.
5. Pump floats should be set so that level of water at end of pump cycle is above the top of the pump.
6. Float switch tie downs to be made of corrosion resistant material, no tape or metal hose clamps.
7. Pump discharge shall have a check valve.
8. Anti-siphon hole (three-sixteenth inch) is required between the pump and the check valve.
9. Watertight testing will be required on two piece pump tanks.



REPAIR AREA

FOR LOT # 25

EXIST. 2" G.V.
EXIST. 2" B.O.

NITRIFICATION FIELD FOR LOT # 18

NITRIFICATION FIELD FOR LOT # 22

REPAIR AREA

3" PVC SCH. 40 FORCE MAINS WITH 2' SEPARATION

COMMON OPEN SPACE

PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4

1,000 GAL. PUMP TANK

EXIST. 2" W.L.

EXISTING 3" FORCE MAIN

PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4

1,000 GAL. PUMP TANK

FORMERLY LOT 2 RECORDED IN MB 25 PG 704

20' P.S.D.E.

COMMON OPEN SPACE

EXIST. F.H.
EXIST. 8" G.V.

EXIST. 6" G.V.
EXIST. 8"x6" RED.
EXIST. 8"x6" TEE

EXIST. 1,500 GAL. SEPTIC TANK

EXIST. 1,000 GAL. PUMP TANK

EXISTING FORCE MAIN

EXIST. 6" W.L.

WESTMORELAND FARM ROAD

(60' PUBLIC R/W)

1,500 GAL. SEPTIC TANK
1,000 GAL. PUMP TANK

EXIST.

Installed

Not Installed 12/98

3" PVC SCH. 40 FORCE MAIN WITH 2' SEPARATION

EXIST. 6" W.L.
EXIST. 6" G.V.
EXIST. 2" B.O.

3" PVC SCH. 40 FORCE MAIN

1,000 GAL. PUMP TANK

PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4

COMMON OPEN SPACE ACCESS EASEMENT

20' P.S.D.E.

1,000 GAL. PUMP TANK

PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4

COMMON OPEN SPACE

PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4 (TYPICAL)

1,000 GAL. PUMP TANK
SEE DETAIL SHEET # 3 OF 4 (TYPICAL)

FORMERLY LOT 14 RECORDEDINMB 25 PG 704

10' FORCE MAIN EASEMENT

MATCH-LINE SHEET # 2 OF 4

Septic Esmt Lot 21 (SEE SPEC. sheets)

Primary Septic Area Lot 21

*Repair Area Lot 21

* TDH = 41', ± 37.4GPM
= Pressure Manifold E135.0
= Service Line Stubs
= Pump Tank E 86.0

R/W C/L 60' R/W R/W 3" WA 3" 10'

NOTES:

RECEIVED

REVISED

M.C.H.D.

Lot 21

Easment Lot is for Septic Sys.

Westmoreland Farm

Approved
3.31.99 LT
FILE COPY

2-12-99 LT
Need Easement

T. Whitaker
866-9540

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

Sheet: _____

Property ID: 004-423-05

Lot #: 21

File #: 2625B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: David & Michelle Henri APPLICANT: _____

ADDRESS: 7406 Norman Cleland Dr., Cornelius DATE EVALUATED: 11-17-00

PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 440gpd PROPERTY SIZE: .5

LOCATION OF SITE: Westmoreland Farm Rd PROPERTY RECORDED: _____

WATER SUPPLY: ☐Private ☑Public ☐Well ☐Spring ☐Other _____

EVALUATION METHOD: ☐Augur Boring ☐Pit ☐Cut

TYPE OF WASTEWATER: ☐Sewage ☐Industrial Process ☐Mixed

PROFILE #	.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
1	LS	0-12"	gr-ls l	Fr/SExPl NS/NP	2.5Y 5/2 @ 24"	25"	US	None	US
		12-25"	sbk ls cl	Fr/SExPl ss/sp					
		25-54"	Ml sc	F.I Mixed/US/UP					
2	LS	0-9"	massive	Fr/ll	2.5Y 5/2 @ 24"	24"	US	None	US
		9-24"	sbk Ml sc l	Fr/SExPl ss/sp					
		24-56	Ml sc l	Fr/SExPl ss/sp					

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

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): Upper Middle

EVALUATED BY: M. A. Mabry LSS 11-17-00

OTHER(S) PRESENT: T. Whittaker, D. Henri

FILE # 26258

COMMENTS WDR Repairs

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

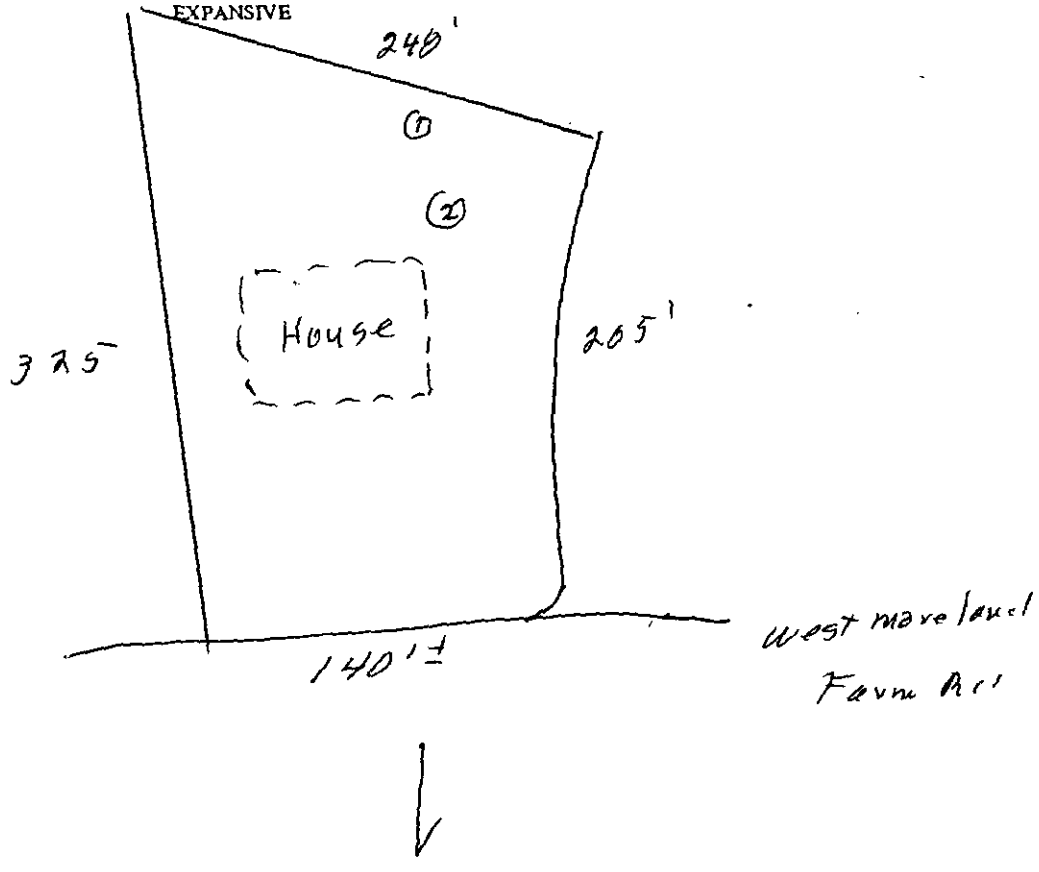
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



FILE COPY	
FILED FOR REGISTRATION	DOC. #
DATE 4-7-99	TIME 13:37
BOOK 10382	PAGE 18
STAMPS	REC FEE
JUDITH A. GIBSON REGISTER OF DEEDS MECKLENBURG COUNTY, NC	

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969

FILE # 2625B
PARCEL # 007-423-05

The undersigned, James W. Herring and Phyllis Herring, owner of property located at Lot 21 Westmoreland Farm Road, (the "site") and described in an instrument recorded in Book 7813 at Page 552, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (the "Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned, that the Department considered various studies, data, and other information which indicate to the Department that the septic tank system proposed by the undersigned is allowed by the rules; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, and that neither the Department nor its officials, employees, or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further acknowledges that the following conditions will apply to the site:

- Any changes on the property may make the Improvement Permit Null and void and may make the Improvement Permit subject to revocation.

This instrument was prepared by: [signature]
Mail after recording to: Blue Water Realty 19701 A West Catawba Ave Cornelius, 28031 Attention Rick Knight

James W. Herring by
Kendrick W. Knight Attorney-in-Fact (SEAL)

_____
(Corporate Name)

Phyllis Herring by
Kendrick W. Knight Attorney-in-Fact (SEAL)

By: _____ _____ (SEAL)

_____ President _____ (SEAL)

ATTEST:

_____
_____ Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF ~~IREDELL~~ Mecklenburg

I, SUZANNE M. LUDWIG, a Notary Public for said County and State, do hereby certify that KENDRICK W. KNIGHT, Attorney-in-fact for JAMES W. HERRING and PHYLLIS HERRING personally appeared before me this day, and being by me duly sworn, says that he executed the foregoing and annexed instrument for and in behalf of the said JAMES W. HERRING and PHYLLIS HERRING and that their authority to execute and acknowledge said instrument is contained in an instrument duly executed, acknowledged, and duly recorded in the Office of Register of Deeds in the County of MECKLENBURG, State of North Carolina, and that this instrument was executed under and by virtue of the authority given by said instrument granting their power of attorney.

I do further certify that the said KENDRICK W. KNIGHT acknowledged the due execution of the foregoing and annexed instrument for the purposes therein expressed for and in behalf of the said JAMES W. HERRING and PHYLLIS HERRING.

Witness my hand and official seal, this the 1st day of April, 1999.

My commission expires: 6/2/2002

Suzanne M. Ludwig
Notary Public

OFFICIAL SEAL
Notary Public, North Carolina
Mecklenburg County
SUZANNE M. LUDWIG
My Commission Expires 6-2-2002

- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to Rule .1961, "Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulations in effect at that time will govern the repairs or installation of a replacement system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees, and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this 1ST day of April, 1997.

Cathy Bentz, Attorney
Homesley, Jones, Gaines,
Homesley & Dudley
330 S. Main Street
Mooresville, NC 28115

DATE 6/30/99 2:33 PM
BOOK 0583 PAGE 929
STAMPS 16.00

STATE OF NORTH CAROLINA

DECLARATION OF EASEMENT

COUNTY OF MECKLENBURG

WHEREAS, JAMES W. HERRING and wife, PHYLLIS HERRING (hereinafter collectively, "HERRING"), are the owners of that certain parcel of land described in the deed recorded in Book 7813 at Page 552 and Book 7939 at Page 584 in the Mecklenburg County Registry, which parcel has been subdivided into certain lots shown on a map of WESTMORELAND FARM recorded in Map Book 25 at Page 704 (as thereafter amended in Map Book 26, Page 459), in the Office of the Register of Deeds for Mecklenburg County, North Carolina, which lots are hereinafter referred to collectively as "Subdivision"; and

WHEREAS, Lot 21 does not have soil and compaction adequate for the location of a sewage drainfield and repair field thereon as determined by the Mecklenburg County Health Department and it has been determined that a .51 acre parcel being a portion of Lot 15 together with a portion of the Access Easement, as more specifically described as Tract 2 on Exhibit "A" attached hereto and made a part hereof by reference (the "Nitrification Field") does have sufficient area, soil conditions and compaction for a separate sewage drainfield and repair area to accommodate the lot; and

WHEREAS, HERRING, by this Declaration of Easement, desires to establish a ten-foot wide non-exclusive easement within the right-of-way of WESTMORELAND FARM ROAD running from Lot 21 to the Nitrification Field to provide for a location for the placement of a septic line to connect to a sewage drainfield and repair area for Lot 21 located within the Nitrification Field which shall be exclusively created for the benefit of Lot 21 upon such Nitrification Field; and

WHEREAS, HERRING, desires to establish certain conditions in connection with this Declaration of Easement.

NOW, THEREFORE, HERRING, for themselves, their personal representatives, heirs, successors and assigns, and for the benefit of DAVID HUNT and wife, SHARLENE HUNT, (hereinafter "Grantees"), their personal representatives, heirs, successors and assigns, of Lot 21 of WESTMORELAND FARM as shown on a map thereof recorded in Map Book 25 at Page 704

(as thereafter amended in Map Book 26, Page 459), in the Mecklenburg County Registry, in consideration of the sum of one dollar ($1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, has given, granted, bargained and sold, conveyed and confirmed and by these presents does hereby give, grant, bargain and sell, convey and confirm unto itself its successors and assigns, and the Grantees, their successors and assigns of Lot 21 of WESTMORELAND FARM as shown on a map thereof recorded in Map Book 25 at Page 704 (as thereafter amended in Map Book 26, Page 459), in the Office of the Register of Deeds for Mecklenburg County, a non-exclusive easement for the installation, location, continued use, maintenance, repair, and replacement of septic system pipe lines within the right-of-way of WESTMORELAND FARM ROAD and a sewage drainfield and repair area over, under and on the surface of the Nitrification Field.

This Declaration of Easement and the conveyance of the easements herein are subject to the following terms and conditions.

1. The ten foot wide non-exclusive easement within the right-of-way of WESTMORELANDFARM ROAD shall be for septic pipes/lines leading from Lot 21 to the Nitrification Field.

2. Installation of the sewage drainfield and repair area within the Nitrification Field for the benefit of Lot 21 of WESTMORELAND FARM shall not commence until approval for the system has been obtained from the Mecklenburg County Health Department, and evidence of such approval shall be provided to HERRING, their personal representatives, heirs, successors or assigns before construction is commenced. Construction of the sewage drainfield and repair area shall be performed by a registered, reputable contractor from the Mecklenburg County area and such construction shall be performed in a timely fashion with minimal interruption in use to affect the owners of any other Lot in the Subdivision.

3. The sewage drainfield and repair area shall be maintained in strict compliance with the North Carolina state sewage laws for operating such systems, and shall not be operated in a manner that allows standing water or odor from the Nitrification Field.

4. At such time that Mecklenburg County or any other municipal body or the developer of WESTMORELAND FARM provides a sewer system for the Subdivision, the then

owner of Lot 21 shall connect to the sewer lines so provided and comply with all regulations required to connect to said sewer lines and this Easement shall terminate and all rights therein shall revert to HERRING, its successors and assigns and the Nitrification Field shall no longer be used as a septic drain field or repair area or be available for that purpose.

IN WITNESS WHEREOF, HERRING for themselves, their personal representatives, heirs, successors and assigns and for the Grantees, their successors and assigns of Lot 21 of WESTMORELAND FARM, have hereunto executed this Declaration of Easement this 26th day of March, 1999

PHYLLIS HERRING

JAMES W. HERRING

STATE OF South Carolina)
)
COUNTY OF Kershaw)

I, Gail Carter, a Notary Public for said County and State, do hereby certify that James W. Herring personally appeared before me this day and acknowleged the due execution of the foregoing instrument.

Witness my and and official seal, this the 26th day of March, 1999.

Notary Public

My Commission Expires: March 20, 2008

STATE OF South Carolina)
)
COUNTY OF Kershaw)

I, Gail Carter, a Notary Public for said County and State, do hereby certify that Phyllis Herring personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 26th day of March, 1999

Gail Carter
Notary Public

My Commission Expires: March 20, 2008

[illegible] [illegible] CLIENTS\HERRING\DEED.PAS

EXHIBIT "A"

TRACT 1:
An eight-foot wide easement which runs along the southern right-of-way of Westmoreland Farm Road in the WESTMORELAND FARM SUBDIVISION, in Deweese Township, Mecklenburg County, North Carolina, and more particularly described as follows:

BEGINNING at a point located at the northwest corner of Lot 21, in the southern right-of-way of Westmoreland Farm Road as shown on a plat of WESTMORELAND FARM SUBDIVISION recorded in Map Book 26, Page [illegible] Mecklenburg County Registry, and running thence along the southern right-of-way of said road with the front lot line of the 0.39 acre common open space South 79-54-11 West 30.41 feet; running thence with the [illegible] of the common open space/access easement South 83-06-17 West 90.55 feet; running thence along the [illegible] Lot 20, a curve with a radius of 275.00 feet, a length of 92.21 feet, a chord distance of 91.78 [illegible] chord bearing of South 88-20-28 West; running thence along the front lot line of Lot 19, a curve with a radius of 275.00 feet, a length of 42.79 feet, a chord distance of 42.74, and a chord bearing of North 77-35-[illegible] West, thence North 73-08-19 West 75.37 feet; running thence along the front lot lines of Lot 18 and Lot 17, North 73-08-19 West the following distances: 82.55 feet, 59.81 feet, and 36.99 feet; continuing thence along the front lot line of Lot 17, a curve of 225.00 feet, a length of 90.79 feet, a chord distance of 90.17 feet, and a chord bearing of North 01-34-45 West; continuing with the front lot lines of Lot 17 and Lot 26, a curve of 225.00 feet, a length of 85.13 feet, a chord distance of 84.62 feet, and a chord bearing of North 39-10-52 West, running thence along the front lot line of Lot 16, a curve of 225.00 feet, a length of 94.35 feet, a chord distance of 93.66 feet, and a chord bearing of North 16-19-47 West to the southeast corner of Lot 15; running thence with the [illegible] of Lot 15, a curve with a radius of 225.00 feet, a length of 72.02 feet, a chord distance of 71.71 feet, and a chord bearing of North 04-51-10 East to a point; thence continuing with the front lot line of common open space/access easement North 20-47-12 East 89.62 feet to a point and being more particularly described on a plat entitled "Final Plat of Westmoreland Farm" as platted, planned and recorded in Map Book 26 Page 459, Mecklenburg County Registry

TRACT 2:
LYING and BEING in WESTMORELAND FARM SUBDIVISION, in Deweese Township, Mecklenburg County, North Carolina, and more particularly described as follows:

To locate the BEGINNING POINT run thence from a point in the southeasternmost corner of Lot 15 Westmoreland Farm Subdivision as shown on Map thereof recorded in Map Book 26, Page 459, Mecklenburg County Register a common corner with Lot 16 the following two courses and distances: (1) a curve with a radius of 225.00, a length of 72.02 feet, a chord distance of 71.71 feet, and a chord bearing of North 04-51-10 East to a point; thence continuing with the front lot line of common open space/access easement North 20-47-12 East 89.62 feet to a point in the southernmost line of Lot 14 the POINT AND PLACE OF BEGINNING; and running thence from the point of Beginning on a curve to the right with radius of 20.00 feet , a length of 31.79 feet, a chord distance of 28.55 feet, and a chord bearing of South 61-15-55 West to a point; thence running North 73-12-08 West 211.35 feet to a point; thence South 02-08-21 East 80.00 feet to a point; thence South 79-27-31 East 100.00 feet to a point; thence South 04-24-48 West 75.00 feet to a point; thence South 83-21-26 East 105.37 feet to a point; thence on a curve to the right with the right of way of Westmoreland Farm Road a radius of 225.00 feet, a length of 51.98 feet, a chord distance of 51.87 feet, and a chord bearing of North 07-24-13 East to a point and place of North 20-47-12 East 89.62 feet to the point and place of BEGINNING all in accordance with that certain survey prepared by Rocus L Love, Registered Surveyor dated March 5, 1997 and revised February

(1) that certain plat of entitled "Final Plat of Westmoreland Farm" as platted, planned and recorded in Map Book 36 Page 45 , Mecklenburg County Registry

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

3rd Thank you for the easement area

PROPERTY ID #: 007-422-03
Lot # : 21
File # : 2625B

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM #2

OWNER: James W. Herring
APPLICANT:
DATE EVALUATED: 12-21-98
ADDRESS: 605 Greene St, Camden S.C.
PROPOSED FACILITY: residence
PROPOSED DESIGN FLOW (.1949): 480gpd
PROPERTY SIZE: 1.0
PROPERTY RECORDED:
LOCATION OF SITE: Westmoreland Farm Rd
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slopes 2-5% .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	0-4"	gr/scl	Fr/SE×P/ SS/SP	729" To soil wetness	29"	N/A	None	US IV .275 gal/ft²
		4-23"	sBKlc	Fi/SE×P/SP					
		23-29"	sBKlcl	Fr-Fi/SE×P SS/SP					
2	LS	0-3"	gr/scl	Fr/SE×P/SS/SP	727" To soil wetness	29"	N/A	None	US IV .275 gal/ft²
		3-24"	sBKlc	Fi/SE×P/SP					
		24-29"	sBKlcl	Fr/SE×P SS/SP					
3	LS	0-5"	grl scl	Fr/SE×P SS/SP	731" To soil wetness	31"	N/A	None	US IV .351 F2
		5-22"	sBKlc	Fi/SE×P/SP					
		22-31"	sBKlcl	Fr/SE×P SS/SP					
4	LS	0-4"	gr/scl	Fr/SE×P SS/SP	737" To soil wetness	37"	N/A	None	PS IV .391 F
		4-37"	sBKlc	Fi/SE×P/SP					

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. B. Mullis 12-23-98
OTHER(S) PRESENT: LSS

COMMENTS WCE Repair Drainfield for Lot 21

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

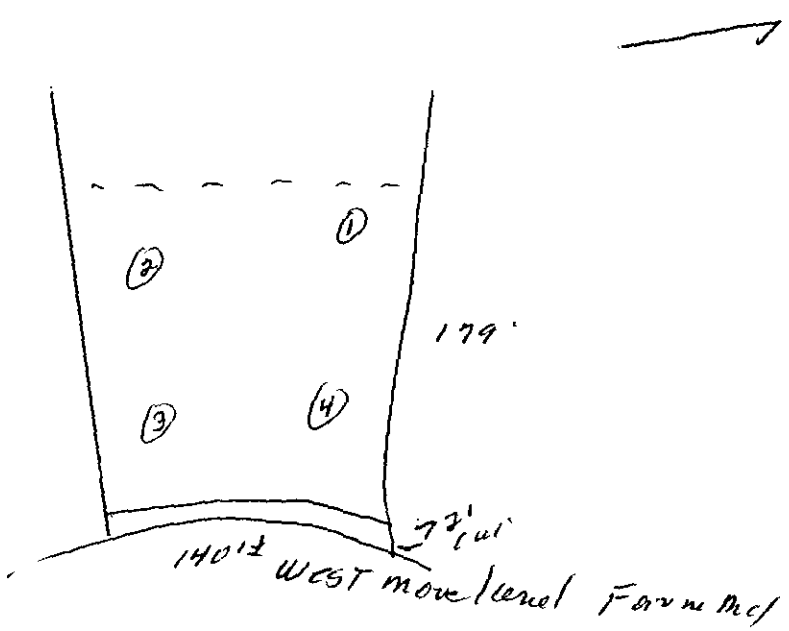
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



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

PO #
PROPERTY ID #: 007-422-0309
Lot # : 21
File # : 26253

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM #2

OWNER: James Al Herring
APPLICANT:
DATE EVALUATED: 12-21-98
ADDRESS: 605 Greene St, Camden SC
PROPOSED DESIGN FLOW (.1949): 480 gpd
PROPERTY SIZE: 1.0
PROPOSED FACILITY: residence
PROPERTY RECORDED:
LOCATION OF SITE: Westmoreland Farm Rd
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

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	0-4"	gr/scl	Fr/SExPl SS/SP	729" TO soil wetness	29"	N/A	None	US IV .275 gpd/ft²
		4-23"	sBK/c	F:/SExPl/SP					
		23-29"	sBK/cl	Fr-F:/SExP SS/SP					
2	LS	0-3"	gr/scl	Fr/SExP/SS/SP	729" TO soil wetness	29"	N/A	None	US IV .275 gpd/ft²
		3-24"	sBK/c	F:/SExP/SP					
		24-29"	sBK/cl	Fr/SExP SS/SP					
3	LS	0-5"	gr/scl	Fr/SExP/ SS/SP	731" TO soil wetness	31"	N/A	None	US IV .391 ft²
		5-22"	sBK/c	F:/SExP/SP					
		22-31"	sBK/cl	Fr/SExP SS/SP					
4	LS	0-4"	gr/scl	Fr/SExP SS/SP	737" TO soil wetness	37"	N/A	None	PS IV .391 ft²
		4-37"	sBK/c	F:/SExP/SP					

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. A. Mullis 12-23-98
OTHER(S) PRESENT: ESS

26258

COMMENTS 1062 Repair Drainfield for Lot 21

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

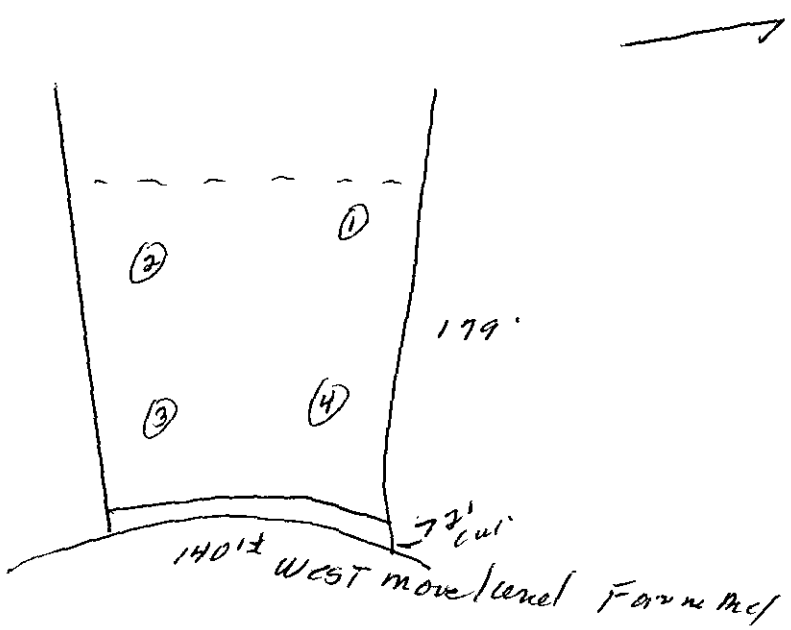
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



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

pd. 7500 2nd site 9-8-98 ck#589 VLW #3

3rd Site pd. 7500 ck# 4177 VLW 10-13-98

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(410)

Sheet 1
PROPERTY ID #: 007-423-05
Lot # : 21
File # : 26258

OWNER: Jim Herring APPLICANT: Rick Knight
ADDRESS: 1970 Highway 73, Leland DATE EVALUATED: 8-11-98
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 480gpd / PROPERTY SIZE: 1.02
LOCATION OF SITE: Westmoreland Farm Road PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	5 10 MS 5-12 Z .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	0-2"	gr/sl	Fr/SEXP/SS/SP	7 49" TO soil wetness	11"	PS	None	Sap group II .39/F2
		2-11"	ABK/c 7½" peds	VF:/EXP/VS/VP					
		11-19"	M/sc/	Fi-F:/SEXP/SS/SP					
		19-49"	M/sl	Fi-Fi/SEXP/NS/NP					
2	LS	0-2"	gr/ /	Fr/SEXP/NS/NP	753" to soil wetness	13"	PS	None	Sep. group II .39/F2
		2-13"	ABK/c	VF:/EXP/VS/VP					
		13-19"	M/sc/	Fi/SEXP/SS/SP					
		19-53"	M/sl	Fr/SEXP/NS/NP					
3	LS	0-15"	M/sl	Fr/SEXP/NS/NP	2.5Y 5/2 @ 32"	32"	US	None	US
		15-32"	ABK/c	VF:/EXP/VS/VP					
		32-53"	M/sc	Fi/Mixed/SS/P					
4	LS	0-14"	gr/sl	Fr/SEXP/NS/NP	76 4" TO soil wetness	32	US	None	US
		14-32"	ABK/C	VF:/EXP/VS/VP					
		32-64"	M/sc/	Fi-Fr/M/SS/SP					

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

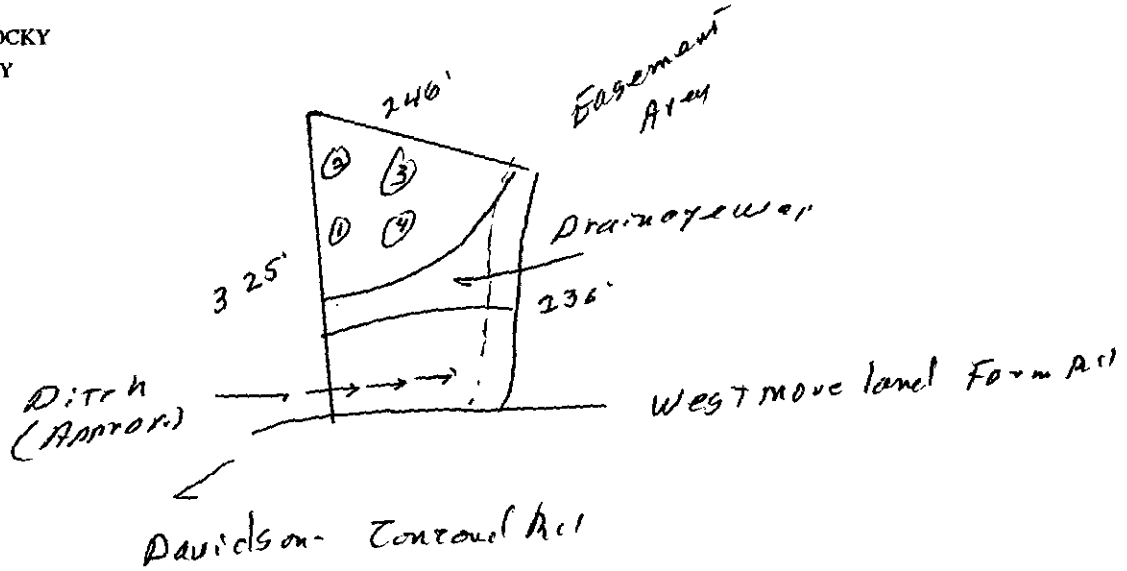
OTHER FACTORS (.1946): Unsuitable
SITE CLASSIFICATION (.1948): ~~W. R. Merlin 8-19-98~~
EVALUATED BY: W. R. Merlin 8-19-98
OTHER(S) PRESENT: LSS Rick Knight

FILE # 2625B

COMMENTS 1026 Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR	CONSISTENCE MOIST	CONSISTENCE WET
R-RIDGE	I	S-SAND	1.2-0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTLYSTICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3		SP-SLIGHTLYSTICKY
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM			
	IV	SC-SANDY CLAY	0.4-0.1		
		SIC-SILTY CLAY			
		O-ORGANIC			

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



FEE: 100 CK# 1847
DATE: 8-10-98

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

Check # 1847 FROM BLUE WATER REALTY
I 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 #: 2625 B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 00742305A

STREET ADDRESS: Westmoreland Farm

SUBDIVISION OR MOBILE HOME PARK NAME: Westmoreland FARM

LOT NUMBER: Lot 21

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 4000

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

___ WITHOUT BASEMENT
___ ON SLAB
___ CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

TOWNSHIP (CHECK ONE):

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

CLOSING DATE_____

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:

NAME: Herring Jim
(LAST) (FIRST) (MI)

ADDRESS: 19701 Alt Hwy 73

CITY: Cornelius STATE: NC ZIP:

DAYTIME PHONE: ( ) -8927373

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Knight Rick
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) 704 - 892-7373

BLUE WATER REALTY

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: Rick Knight Authorized Agent DATE: 8-10-98

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

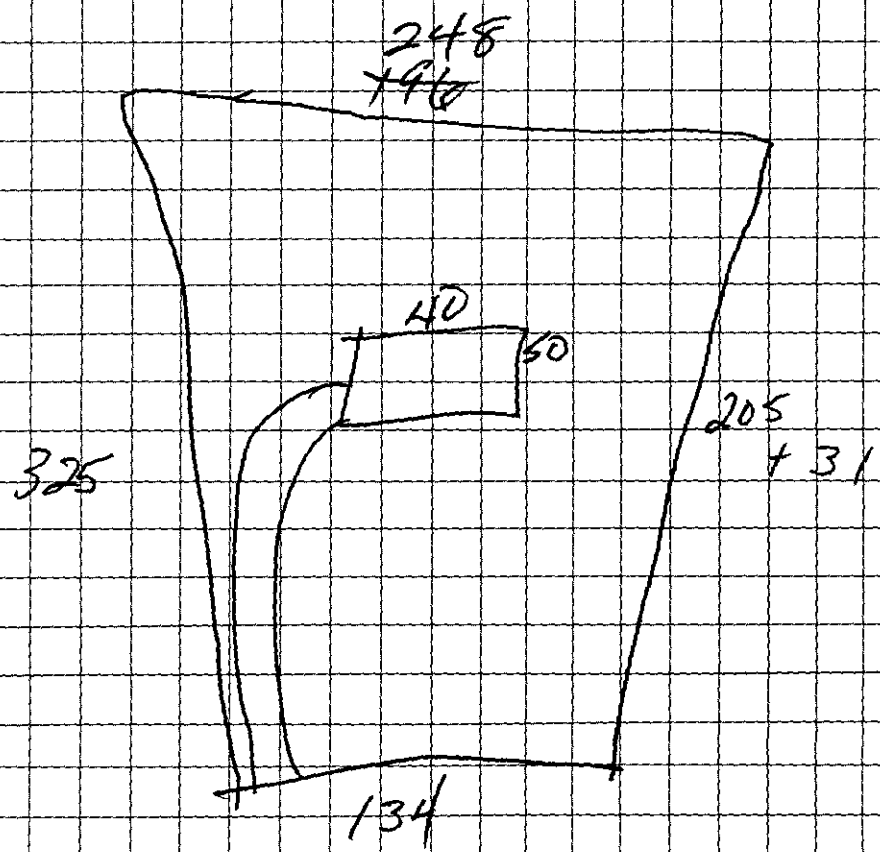
PROPOSED PLOT PLAN

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

FILE: 2625 B

TC: 007-423-05A

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 8-10-98

APPROVAL DATE _____

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

PROPOSED PLOT PLAN

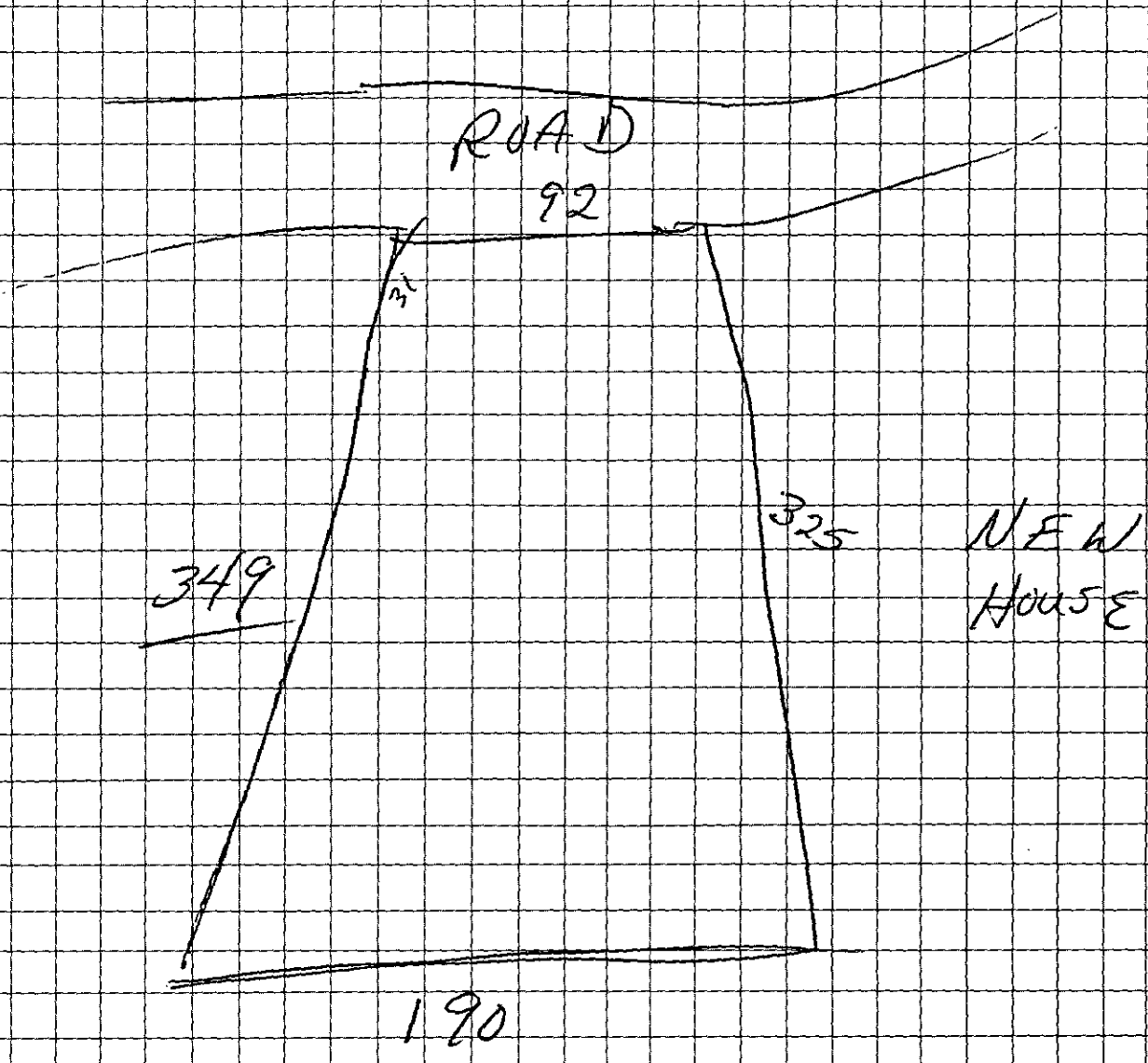
LOT 21

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

FILE: 2625B

TC: _____

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 9-8-98

APPROVAL DATE _____

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

LISA McRORIE
REALTOR®
MLS
Office: (704) 892-7373
Pager: (704) 580-1179
www.bluewaterrealty.com

BLUE WATER REALTY, INC.
19701 A Highway 73 W.
Cornelius, NC 28031



4177

BLUE WATER REALTY, INC.
19701A HIGHWAY 73 PH. 892-7373
CORNELIUS, NC 28031

DATE October 13, 98 66-1165/531 6

PAY TO THE ORDER OF Mecklenburg County $ 75.00

Seventy Five & 00/100 DOLLARS

LINCOLN BANK
P.O. Box 670
Cornelius, NC 28031

FOR Survey Lot 21 area on Lot 15 Vanessa Knight

⑈00004177⑈ ⑆053111658⑆ ⑈040371⑈

Mecklenburg County
Health Department

Conditions of Improvement Permit

Owner/agent signature Michelle Stuart. July 9 '99

File Number: 2625B
Site Address: Westmoreland Farm Lot # 21

1. The wastewater treatment and disposal system permitted is a pump-to-conventional system, utilizing an off site easement area, and a repair area designated for an innovative system.
2. The system will require a single phase, simplex control panel with alarm. The control panel must have a Nema 4x weather proof rating.
3. A pressure manifold shall be used to distribute effluent to the conventional drain field trenches.
4. Septic and pump tanks must be installed in an area that is not subject to vehicular traffic. Final cover over both tanks must be less than 3 feet to prevent the need for State approved reinforced tanks.
5. Drain lines must be installed on contour. Trench bottoms shall be installed with less than 3 inches of rise or fall per 120 foot drain line.
6. Any changes in the site must be pre-approved by the Mecklenburg County Environmental Health Department.
7. The wastewater treatment and disposal drain field area, including the designated repair areas, shall not be used for any of the following:

   - Grading or filling
   - Parking or driving heavy equipment in the area or subjecting the site to possible soil compaction
   - Construction staging area
   - Installation of lawn irrigation components
   - Installation of underground utilities or cables of any type
   - Burial of any debris or material
   - Utilizing the area for gravesites
   - Diversion of storm water runoff into this area

8. Septic system installer must be registered with Mecklenburg County prior to meeting for the required pre-construction conference.
9. System installer will be required to operate the system at the time of the final inspection. Arrangements must be made to have the pump tank filled with water prior to the requested final inspection. The required pressure head of 2 feet will be adjusted at the pressure manifold at the time of the final inspection.
10. The system owner shall have the contents of the septic tank checked, and the contents of the tank removed, periodically from all compartments, to ensure proper operation of the system. The contents of the septic tank shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.
11. All septic tank riser and effluent filter rules will apply to this system. It is strongly recommended that access risers be added to both ends of the septic tank, extending to at least finish grade. This will allow periodic inspection of the solids level in the tank as well as help facilitate the periodic cleaning of the effluent bio-filter.
12. The local Health Department is required, by the State, to perform system reviews of Type IIIb systems at a minimum of every 5 years. The owner of the system is responsible for paying any inspection fees, as determined by the Board of County Commissioners, at the time of the required inspection.

Mecklenburg County
Health Department

December 21, 1998

Tim Whittaker
1030 S. Belvedere Ave.
Gastonia, NC 28054

Re: Westmoreland Farm Lot 21
File: 2625B
Parcel: 007-423-05

Dear Mr.Whittaker:

Receipt of the plans and specifications for an alternate or modified wastewater treatment and disposal system for the above referenced property is hereby acknowledged. Upon receipt of the information, a review was made of the material on file and a site visit was made on. The plan was then reviewed in conjunction with provisions of 15 NCAC 18A, .2900, "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal". Our comments are listed below:

1. Pump tank and pressure manifold elevations are not specified.
2. Pump is not sized properly based upon pressure manifold specifications.
3. The LTAR is .275 in the area identified for the primary drain field; the linear footage for this drain field should be sized accordingly.
4. Maximum trench depth specified is not acceptable for the primary drain field.
5. Easement boundaries are not marked on the lot.
6. The appropriate recorded easements as well as a lot reclassification form must be submitted to this office before an Improvement Permit can be issued.

For these reasons, the plans as submitted are disapproved. You may wish to re-submit a revised plan to the Health Department for technical review. An alternate or modified plan must provide written documentation, including engineering, hydrogeologic, geological or soil studies which indicates to the Health Department that a proposed wastewater treatment and disposal system can reasonably be expected to function satisfactorily.

If you have any questions regarding this matter, please call me at 704-336-5568.

Sincerely,

Larry B. Thompson, Jr., R.S.

Larry B. Thompson, Jr., R.S.
Environmental Health Specialist
Individual Water and Wastewater Systems

cc: Mr. Jim Herring

FILE COPY
SIGED FOR RECORDATION
DOC #
7-99
TIME
TAXES
REC FEE

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

NOTICE OF CLEARANCE AND RELEASE OF CERTAIN DESIGN RESPONSIBILITY PURSUANT TO 13A NCAC 16B .0402 AND ANY OF THE FOLLOWING RULES: 16B .0403, .0404, .0405(a) or (b), .0406(a) or (b), or .0407

Page 1 of 4

Mecklenburg County
Health Department

TELECOPIER TRANSMITTAL COVER SHEET

NOTICE

THE INFORMATION CONTAINED IN THIS TELECOPY MAY BE PRIVILEGED AND/OR CONFIDENTIAL AND IS INTENDED ONLY FOR THE USE OF THE PERSON TO WHOM IT IS ADDRESSED. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT (OR SUCH RECIPIENT'S EMPLOYEE OR AGENT), YOU ARE HEREBY NOTIFIED NOT TO READ, DISTRIBUTE OR COPY THE MATERIALS ATTACHED HERETO WITHOUT THE PRIOR WRITTEN CONSENT OF THE SENDER. IF YOU HAVE RECEIVED THIS TELECOPY IN ERROR, PLEASE NOTIFY THE SENDER BY TELEPHONE CALL AND RETURN THE ORIGINAL TELECOPY TO US BY MAIL AND WE WILL REIMBURSE YOU FOR THE REQUIRED POSTAGE. THANK YOU.

TO: Lisa McRae TELECOPIER # 892-9661

FROM: Larry Thompson DATE 2-12-99

NUMBER OF PAGES TRANSMITTED: 2 (including cover sheet)

COMMENTS: Westmoreland Farm Lot # 21 EASEMENT AREA

If you do not receive all pages, please call us as soon as possible at the following number: (704)336-5102.

☐ Original will not follow ☐ Original will follow via:

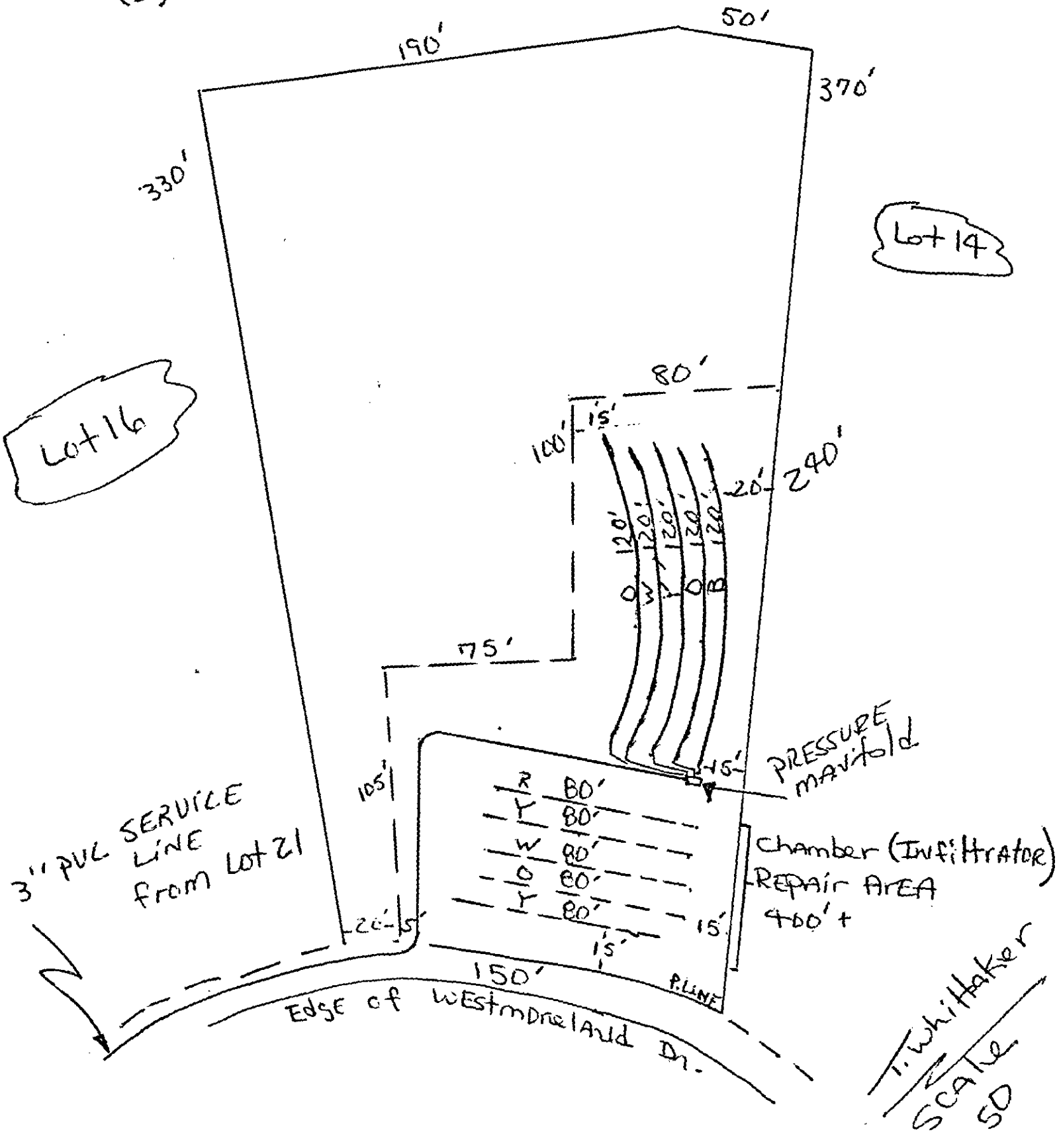
☐ U.S. Mail ☐ Hand Delivery ☐ ____

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236

* Lot 15 Septic Easement AREA; for Lot 21.

M.C.H.D.
File:

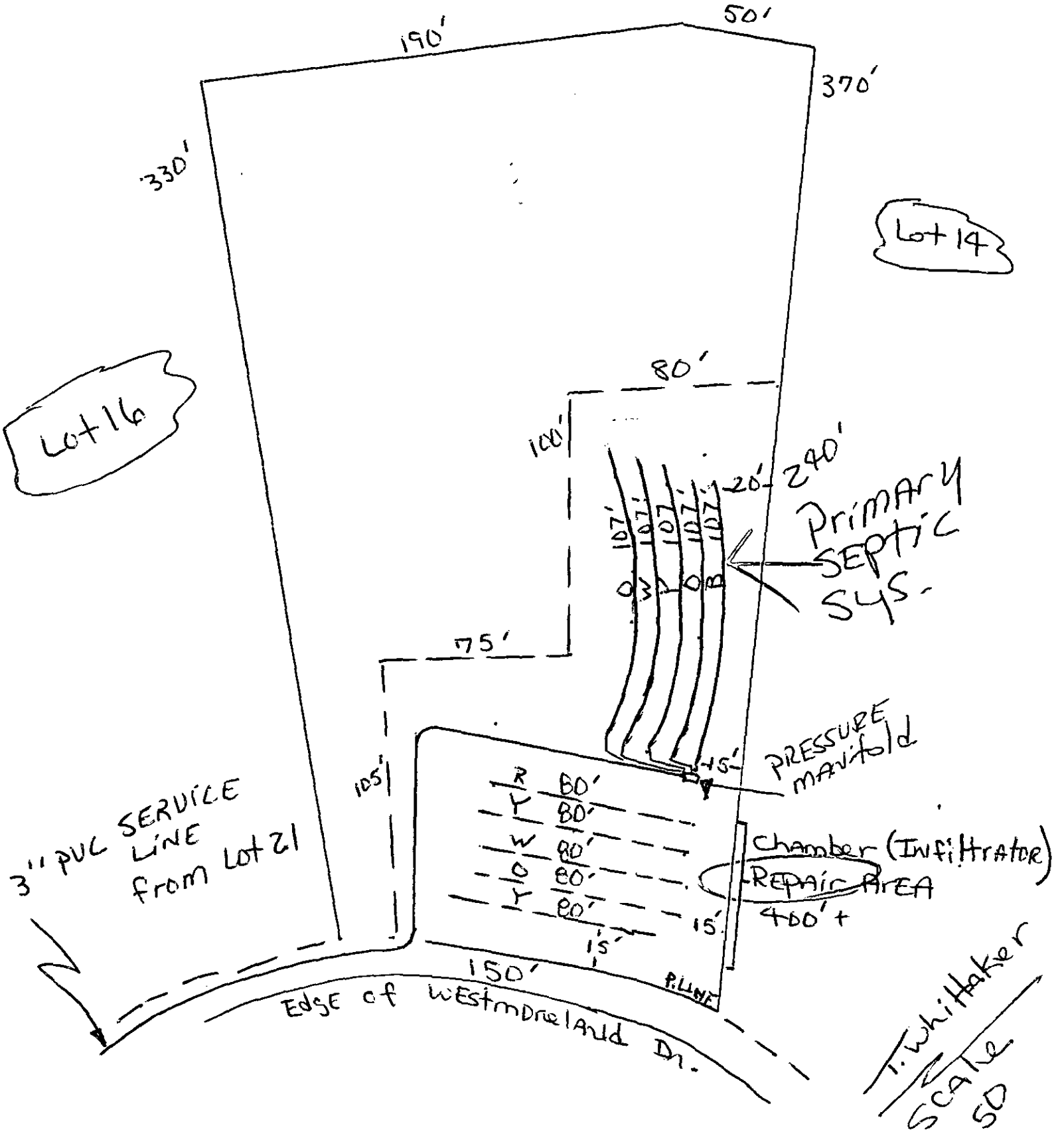
* (4) Bedrm. pumped Shallow Placed Conventional Septic Plan. Pressure manifold Distribution.
(5) 3' x 120' x 12" gravel = 600'



* Lot 15 Septic Easement Area; for Lot 21.

M.C.H.D.
File: 2625-B

* (4) Bedrm. pumped shallow Placed Conventional Septic Plan. Pressure manifold Distribution.



Lot 21 WESTMORELAND FARMS

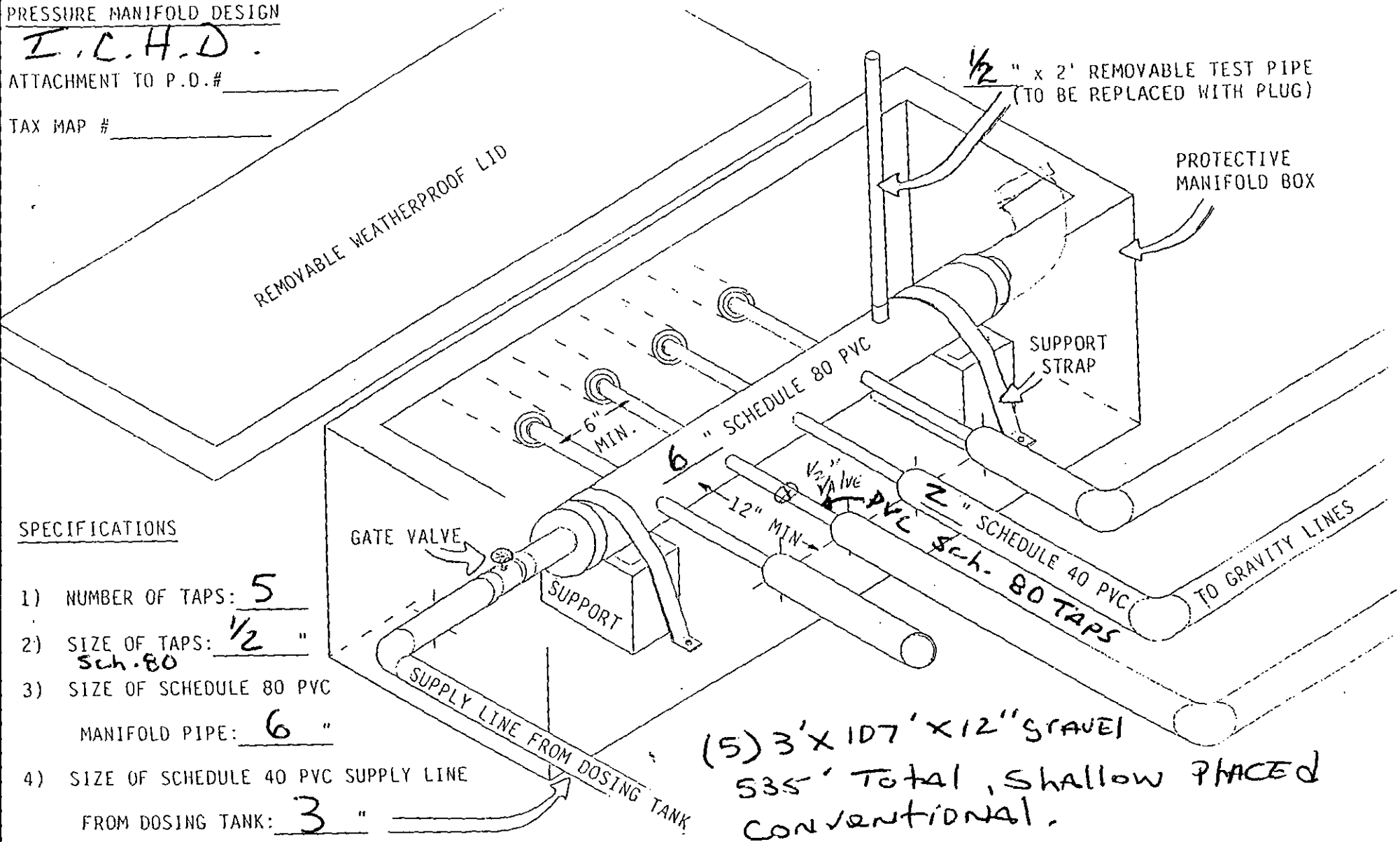
M.C.H.D.
File: 2625-B

PRESSURE MANIFOLD DESIGN

I.C.H.D.

ATTACHMENT TO P.O.# _____

TAX MAP # _____



SPECIFICATIONS

1) NUMBER OF TAPS: 5

2) SIZE OF TAPS: 1/2 " Sch. 80

3) SIZE OF SCHEDULE 80 PVC MANIFOLD PIPE: 6 "

4) SIZE OF SCHEDULE 40 PVC SUPPLY LINE FROM DOSING TANK: 3 "

(5) 3' X 107' X 12" GRAVEL
535' Total, Shallow PLACED
Conventional.

* Manifold Box - design per installer

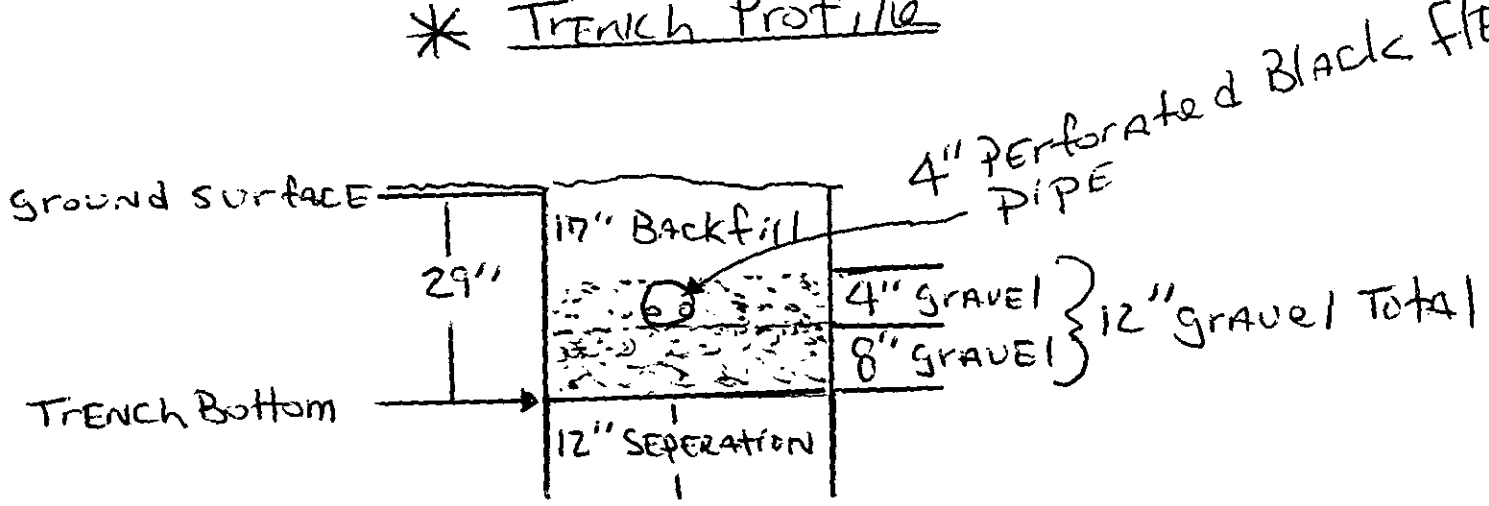
Lot 21 Westmoreland Farm

M.C.H.D.
file: 2625-B

(4) Bedrm. Pumped Shallow Placed Conventional Septic System, Pressure Manifold Distrib.

(5) 107' Trenches, Installed at 29" to trench bottom, on grade & contour. = 535' Total
(5) 3' x 107' x 12" gravel; installed at 29" trench bottom. (535' at .3 LTAR)

* Trench Profile



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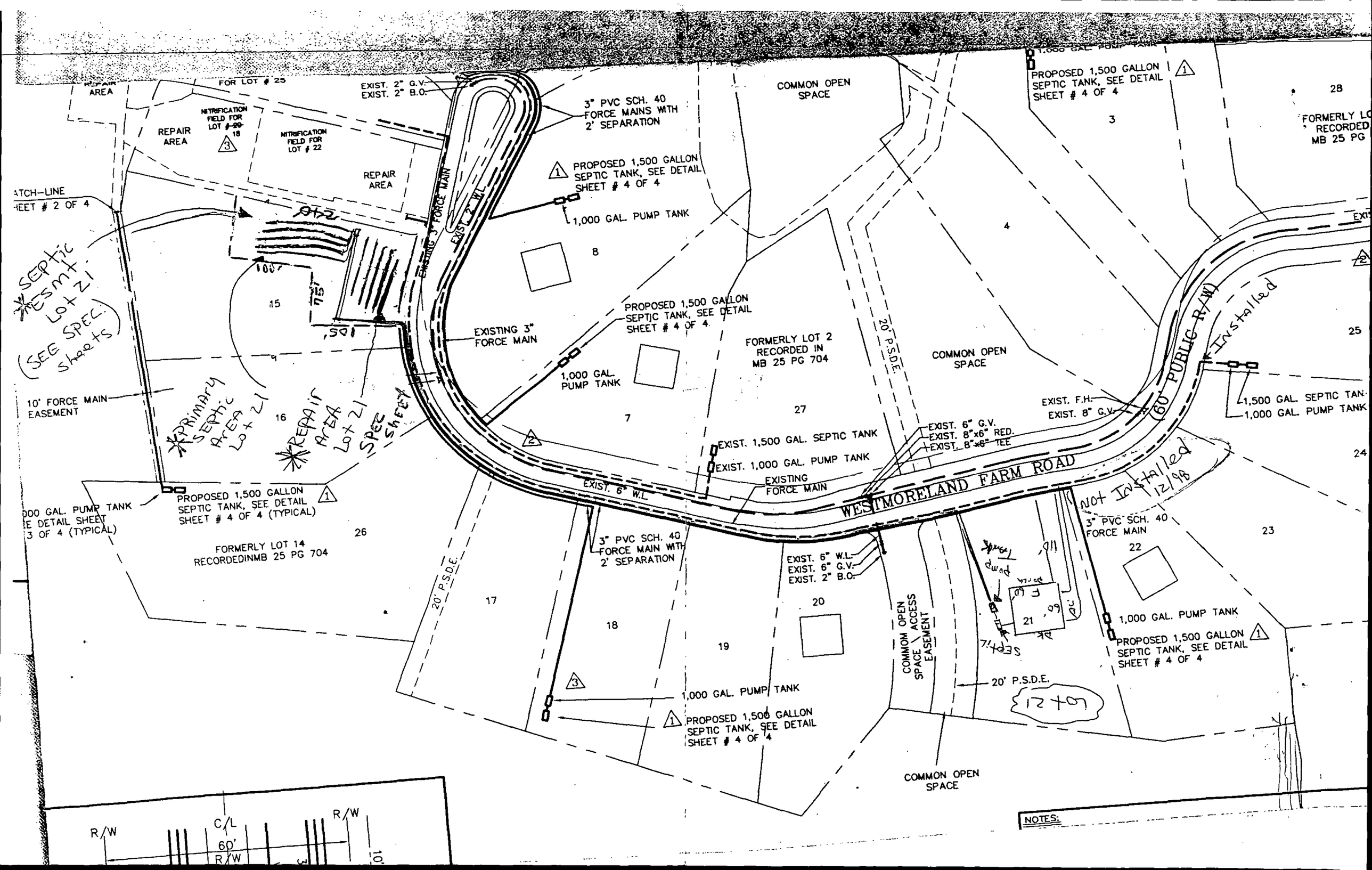
* 1,500 gal. Septic Tank
  1,000 gal. Pump Tank
  (1) Pressure manifold
  (1250'± 3" Sch. 40 Service line)

* TDH = 45'

* 1/2 Hp. Pump / 25 gal. per min.

* NEMA 4 Box & unit per M.C.H.D. Requirements.

T. Whittaker
866-9549


REPAIR AREA
FOR LOT # 25
EXIST. 2" G.V.
EXIST. 2" B.O.
NITRIFICATION FIELD FOR LOT # 29-18
NITRIFICATION FIELD FOR LOT # 22
REPAIR AREA
REPAIR AREA
3" PVC SCH. 40 FORCE MAINS WITH 2' SEPARATION
COMMON OPEN SPACE
PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4
1,000 GAL. PUMP TANK
EXISTING 3" FORCE MAIN
EXIST. 2" W.L.
MATCH-LINE SHEET # 2 OF 4
Septic Esmt. Lot 21 (SEE SPEC. sheets)
100'
75'
50'
15
8
4
3
28
FORMERLY LOT 2 RECORDED IN MB 25 PG 704
20' P.S.D.E.
10' FORCE MAIN EASEMENT
Primary Septic Area Lot 21
Repair Area Lot 21 SEE SHEET
16
7
27
25
EXIST. F.H.
EXIST. 8" G.V.
EXIST. 6" G.V.
EXIST. 8"x6" RED.
EXIST. 8"x6" TEE
EXIST. 1,500 GAL. SEPTIC TANK
EXIST. 1,000 GAL. PUMP TANK
EXISTING FORCE MAIN
(60' PUBLIC R/W)
Installed
1,500 GAL. SEPTIC TAN.
1,000 GAL. PUMP TANK
WESTMORELAND FARM ROAD
EXIST. 6" W.L.
Not Installed 12/98
PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4 (TYPICAL)
000 GAL. PUMP TANK
E DETAIL SHEET
3 OF 4 (TYPICAL)
FORMERLY LOT 14 RECORDEDINMB 25 PG 704
26
3" PVC SCH. 40 FORCE MAIN WITH 2' SEPARATION
EXIST. 6" W.L.
EXIST. 6" G.V.
EXIST. 2" B.O.
3" PVC SCH. 40 FORCE MAIN
22
23
17
18
19
20
21
COMMON OPEN SPACE ACCESS EASEMENT
1,000 GAL. PUMP TANK
PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4
20' P.S.D.E.
12x09
COMMON OPEN SPACE
R/W
C/L
60'
R/W
R/W
10'
NOTES:

MCHD. 2625-B

Lot 21

WESTMORELAND FARM

Received

Plan denied D.21.98

CT

I. Whitaker
866-9540
85-623-9992