

12851 WESTMORELAND FARM RD

00742217

12/26/2007

duponbj

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

NCS

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

DATE: 11-10-00 PERMIT NO: 1545B
PARCEL NO: 007-422-14

JOB LOCATION ADDRESS: 12850 Westmoreland Farm
PROPERTY OWNER: Jim Henry
BUILDING CONTRACTOR: _____
SUBDIVISION NAME: Westmoreland Farm Lot 10
AUTHORIZATION ISSUED BY: Kelly Randall DATE: _____
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYST... TION MUST MEET ALL CONDITIONS AND SI... IPROVEMENT PERMIT NO. 1545B, AND TH... TEM DETAILS. CONSTRUCTION AN... ALL REQUIREMENTS SET FORTH IN THE RUL... COLLECTION, TREATMENT, AND DISPOSAL AND ... ND LAWS.

Hold for
- ~~Survey~~ Recorded Plat
- Easement - Recorded
- Agreement Form
- Fees
- ~~Signatures~~

2. AN INSTALLATION, ...)/OR REPAIR APPROVAL MUST BE SECURED PRIOR ... TANK SYSTEM. THE INSTALLER OF THE ... SEPTIC TANK CONTRACTOR WITH MECKLENBU... .

3. ANY ALTERATION ... LUDING LOCATION OF STRUCTURES AND ... ON IN USE, DESIGN WASTEWATER FLO... ISTICS 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

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] BOA 11/10/08
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: 1545B

Tax Number: 007-422-14

- 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 on 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

.3 Long-term acceptance rate	480 Max gallons/day wastewater flow	1200 Absorption Area (sq ft)	91 Trench spacing (min. on centers)
N/A Serviced by private well	1500 Gallon septic tank	400 Total trench length (ft)	30" 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	N/A Depth of stone Group I, II or III backfill	

Any surface waters present: Type: Minimum separation distance:

Site modifications required:

Additional Conditions:
- Group I, II or III backfill required
- Pressure Manifold required
- Nema 4x simplex control panel w/ pump connections and alarm in one unit required
- Agreement forms / Easement also required

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

533 Absorption Area (Sq ft) 267 Total Trench Length (Ft)	N/A Depth of Stone Trench	8' Trench spacing (min. on centers)	30" 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.

Kelly Null 11-10-00
DEHNR Authorized Agent Date

X [signature] 11/10/00
Owner/Agent Signature Date

BOA

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

Mecklenburg County
Health Department

Conditions of Improvement Permit

File Number: 1545B
Site Address: Westmoreland Farm Road, Lot 10

1. The wastewater treatment and disposal system permitted is a pump-to-innovative system designed by Tim Whittaker. The septic system must be installed as designed and approved.
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 innovative drain field trenches.
4. Septic and pump tanks must be installed in an area not subject to vehicular traffic. System installer must ensure that finished soil cover over the tanks will not be greater than 36 inches in depth. Soil cover greater than 36 inches will require reinforced tanks.
5. Nitrification trenches shall be constructed as level as possible but in no case shall the fall in a single trench bottom exceed one-fourth inch in 10 feet as determined by an engineer's level or equivalent.
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.

Signature Owner/Agent _____ **Date** 11/10/00

FILE COPY	
FILED FOR REGISTRATION	DOC # 116302
DATE 11/8/2000	TIME 3:42
BOOK 11705	PAGE 710
STAMPS	REC FEE 18.00

PREPARED BY AND RETURN TO:
SANDRA L. KNOX
P.O. Box 756
Cornelius, NC 28031

Brief Description for Index:
Lot 10 Westmoreland Farm

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

COPY

DECLARATION OF EASEMENT

WHEREAS, JAMES W. HERRING and wife, PHYLLIS HERRING (hereinafter collectively, "HERRING"), are the owners of that certain parcel of land described in 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 10 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 Lot 12 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 an eight foot wide non-exclusive easement running along the front lot lines from Lot 10 to Lot 12 to provide for a location for the placement of a septic line to connect to a sewage drainfield and repair area for Lot 10 located upon a portion of Lot 12 for the benefit of Lot 10 upon such portion of Lot 12; 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 THOMAS S. COTTER, and wife PATRICIA A. COTTER (hereinafter "Grantees"), their personal representatives, heirs, successors and assigns, of Lot 10 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 10 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 running along the front lot lines from Lot 10 to Lot 12 and a sewage drainfield and repair area over, under and on the surface of the parcel out of Lot 12 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 as described in Exhibit "A", attached hereto and made a part hereof by reference, (and as shown on a plat map revised December10, 1999, by Rufus Jackson Love, PLS, and to be recorded).

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

1. The eight foot wide non-exclusive easement shall be for septic pipes/lines running along the front lot lines from Lot 10 to Lot 12 of WESTMORELAND FARM.

2. Installation of the sewage drainfield and repair area on a portion of Lot 12 for the benefit of Lot 10 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 Lot 12 of WESTMORELAND FARM.

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

PREPARED BY AND RETURN TO:
SANDRA L. KNOX
P.O. Box 736
Cornelius, NC 28031

Brief Description for Index:
Lot 10 Westmoreland Farm

owner of Lot 10 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 portion of Lot 12 of WESTMORELAND FARM 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 10 of WESTMORELAND FARM, have hereunto executed this Declaration of Easement this 7th day of November, 2000.

Phyllis Herring, by and through her Attorney in Fact Kendrick W. Knight

PHYLLIS HERRING, by and through her
Attorney in Fact, Kendrick W. Knight

James W. Herring, by and through his Attorney in Fact Kendrick W. Knight

JAMES W. HERRING, by and through his
Attorney in Fact, Kendrick W. Knight

PREPARED BY AND RETURN TO:
SANDRA L. KNOX
P.O. Box 756
Cornelius, NC 28031

Brief Description for Index:
Lot 10 Westmoreland Farm

EXHIBIT "A"

TRACT 1: ACCESS EASEMENT TO SEPTIC FIELD EASEMENT

BEING an eight-foot-wide non-exclusive easement for the installation, location, continued use, maintenance, repair and replacement of septic system pipes lines which runs along the northern 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 on the southeastern corner of Lot 10 and traversing the front edge of Lots 10, 11 and 12, being a minimum width of eight (8) feet, and being the three (3) calls and distances as follows:

1) along a curve to the left having a radius of 50.00 feet, a chord bearing of N 28-59-07 W, a chord distance of 42.80 and an arc length of 44.23 feet;

2) along a curve to the left having a radius of 50.00 feet, a chord bearing of N 81-48-27 W, a chord distance of 47.97 and an arc length of 44.23 feet;

3) along a curve to the left having a radius of 50.00 feet, a chord bearing of S 41-38-17 W, a chord distance of 48.59 and an arc length of 50.74 feet;

to a point at the southeastern corner of Lot 12; thence leading to the sewage drainfield and repair area as described below.

TRACT 2: SEPTIC FIELD ACCESS EASEMENT AND DRAIN FIELD EASEMENT

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

From a #4 rebar which is the southwestern corner of Lot 11 an access easement for ingress, egress, and regress, for the installation, location, continued use, maintenance, repair and replacement of septic system pipe lines, with a width of 25 feet southwest of the boundary line with Lot 11; along the boundary line of Lot 11 N 13-06-35 W 124.31 feet to a computed point; thence narrowing to a twenty (20) foot wide easement for ingress, egress and regress to the south of and running along the line N 68-21-02 W 175.58 feet to a computed point which is the

southeast corner of the sewage drainfield and repair area; thence continuing along the 20 foot easement along N 68-21-02 W an additional 85.58 feet to a calculated point; thence N 14-18-00 W 105.16 feet to a computed point; thence N 33-00-00 E 46.00 feet to a computed point; thence S 75-34-01 E 11.50 feet to a computed point; thence S 71-43-21 E 81.29 feet to a computed point; thence S 14-28-29 W 24.00 feet to a computed point; thence S 68-21-05 E 09.82 feet to a computed point; thence S 05-22-32 W 117.35 feet to a computed point on the margin of the 20 foot wide easement described herein above and being shown as the Nitrification Field for Lot 10 and being 0.32 acres more or less all as shown on a map thereof by Rufus Jackson Love, NCPLS dated December 10, 1999.

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

I, Cheryl A. Abernathy, a Notary Public for said County and State, do hereby certify that Kendrick W. Knight, attorney in fact for Phyllis Herring and James W. 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 Phyllis Herring and James W. Herring, and that his authority to execute and acknowledge said instrument is contained in an instrument duly executed, acknowledged and recorded in the Office of the Register of Deeds for the County of Mecklenburg, State of North Carolina, in Deed Book 9752 at Page 357, and that this instrument was executed under and by virtue of the authority given by said instrument granting him 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 Phyllis Herring and James W. Herring.

Witness my hand and official seal, this the 7th day of November, 2000.

Notary Public

[official seal]

My Commission Expires: 5/18/2004

Owner's Copy

Mecklenburg County
Health Department

Conditions of Improvement Permit

File Number: 1545B
Site Address: Westmoreland Farm Road, Lot 10

1. The wastewater treatment and disposal system permitted is a pump-to-innovative system designed by Tim Whittaker. The septic system must be installed as designed and approved.
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 innovative drain field trenches.
4. Septic and pump tanks must be installed in an area not subject to vehicular traffic. System installer must ensure that finished soil cover over the tanks will not be greater than 36 inches in depth. Soil cover greater than 36 inches will require reinforced tanks.
5. Nitrification trenches shall be constructed as level as possible but in no case shall the fall in a single trench bottom exceed one-fourth inch in 10 feet as determined by an engineer's level or equivalent.
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.

Signature Owner/Agent _____ **Date** _____

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

DATE: _____ PERMIT NO: 1545B
PARCEL NO: 007-422-14

JOB LOCATION ADDRESS: Westmoreland Farm
PROPERTY OWNER: Jim Henry
BUILDING CONTRACTOR: _____
SUBDIVISION NAME: Westmoreland Farm Lot 10
AUTHORIZATION ISSUED BY: _____ DATE: _____
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 1545B, 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

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 FO REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

Permit Number: 15456

Tax Number: 037-422-14

- 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	
3 Long-term acceptance rate	480 Max gallons/day wastewater flow	1200 Absorption Area (sq ft)	91' Trench spacing (min. on centers)	
N/A Serviced by private well	1500 Gallon septic tank	400 Total trench length (ft)	30" 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	N/A Depth of stone Group I, II or III backfill		

Any surface waters present: Type: Minimum separation distance:

Site modifications required:

Additional Conditions: - Group I, II or III backfill required
- Pressure Manifold required
- Nema 4X simplex control panel w/ pump connections and alarm in one unit required
- Agreement forms / Easement also required

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	
533 Absorption Area (Sq ft) 267 Total Trench Length (Ft)	N/A Depth of Stone Trench	8' Trench spacing (min. on centers)	30" 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.

DEHNR Authorized Agent Date

Owner/Agent Signature Date

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

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

mcHD.
File: 1545-B

THE INFILTRATOR™

SEPTIC SYSTEM INSTALLATION INSTRUCTIONS

1 Excavate and level 3' wide trenches.

2 Prepare trench bottom and sides in accordance with state and local regulations. (Infiltrator Systems recommends raking sidewall and bottom infiltrative surfaces to eliminate smearing.)

3 Screw splash plate on bottom of open end plate.

4 Screw open end plate into inlet end (without interlocks) of first INFILTRATOR™ chamber with splash plate extending into unit.



5 Place first unit in the inlet end of trench with interlocks downstream.

6 Run distribution pipe through inlet opening in end plate but not beyond splash plate. Single screw may be used to hold in place. **Pipe does not normally run the length of system.**



7 Connect INFILTRATOR™ units together, fully engaging interlocks to form desired trench length.

a. The joints may be screwed together for ease in construction.

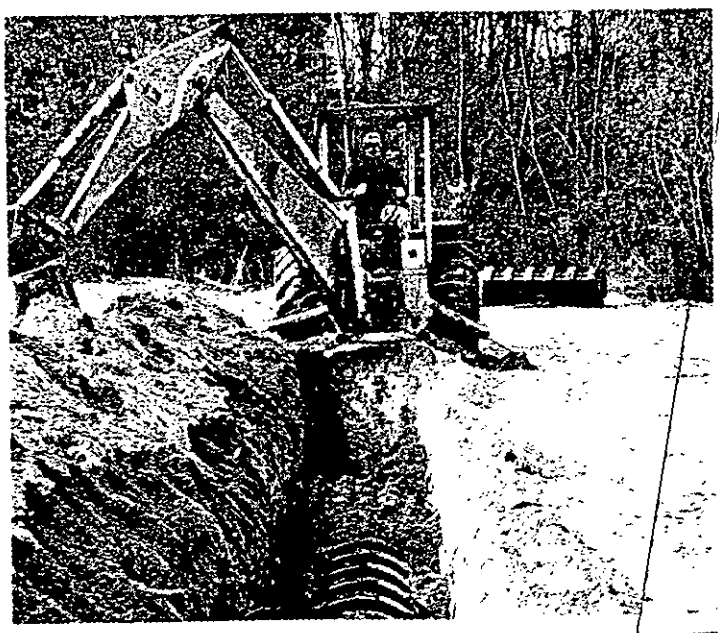
b. Trench grade should be checked with a level or surveying equipment.

8 Screw closed end plate in downstream end of last unit to hold in place. **NOTE:** For serial distribution, or to loop the trenches together, use an open end plate at the downstream end of the trench, and run a pipe from the opening to the next trench.

9 Fill side wall area to top of slots with native soil. "Walk" fill into place to give proper support of sides. **THIS IS VERY IMPORTANT TO ACHIEVE FULL STRENGTH.**



10 Backfill to a minimum of 12" of cover after compaction and settling for H-10 units and 18" for H-20 units. Avoid large rocks in the backfill material. **CAUTION:** Avoid vehicle traffic on system during construction since soil has not settled. This is particularly important in sand, since loose sand offers very little structural support. Most states advise avoiding vehicle traffic to prevent compaction of the infiltrative surface. (After proper depth of cover is compacted and settled, INFILTRATOR™ leaching chambers will then support vehicle weight not to exceed 16,000 lbs. per axle for H-10 units and 32,000 lbs. per axle for H-20 units.)

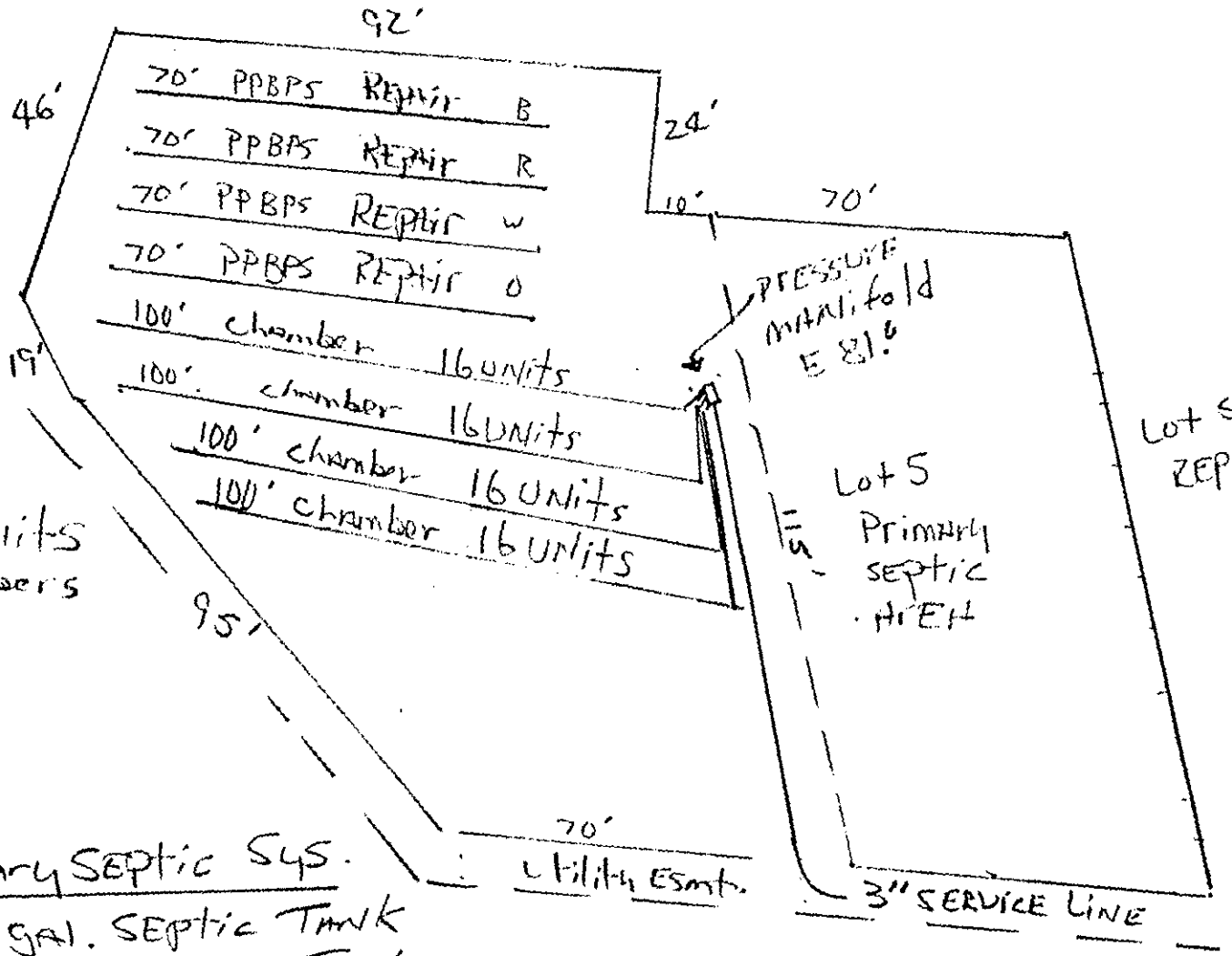


INFILTRATOR™ is a trademark of Infiltrator Systems, Inc.

(1) Bedrm. Chamber Septic Plan. (Infiltrator)
Pressure manifold, Panel Repair

~~MCHD.~~

File: 1545-B
Lot 10 Esmt. Area



* 64 units chambers

THIS IS NOT A PERMIT TO INSTALL THE SEPTIC SYSTEM
THE SEPTIC TANK INSTALLER IS REQUIRED TO OBTAIN AN INSTALLATION PERMIT FROM THE MECKLENBURG COUNTY HEALTH DEPARTMENT PRIOR TO THE INSTALLATION OF THE SEPTIC TANK SYSTEM. THE SEPTIC TANK CONTRACTOR MUST BE REGISTERED WITH MECKLENBURG COUNTY.

* Primary Septic Sys.
1,500 gal. Septic Tank
1,000 gal. Pump Tank
(4) 100' chamber Lines (Infiltrator)
(1) Pressure manifold, Box - Contractors Choice
Riser & Filter Rule applies / Contractors Choice

T. Wyatt Baker
866-9540

SPECS:

M.C.H.D.
F.I.E: 1545-B

* MANIFOLD - SEE PGS. 1-3 ATTACHED
MANIFOLD ELEVATION. 81.0
PUMP TANK ELEV. 92.0

@ 2' head = 5.48 = 21.92 gpm

— SCH. 80 ½ TAPS = 4 TAPS AT ~~6.71~~ = ~~26.84~~ SPM

— FRICTION HEAD = 19.4, PRESSURE HEAD ~~32~~

— TDH = 11' + 19.4 + ~~3~~ = ~~32~~.4 @ ~~26.84~~ GPM
TDH = 26.84 GPM @ ~~32~~ 21.92

~~*~~ REC. 3/4 to 1 HP. PUMP

~~9.6"~~ 9" DRAW DOWN FLOAT SWITCH

~~10.9~~ 7 MINUTE PUMP CYCLE

PUMP TANK SPECS (SEE SHEET)
NEMA 4 RULE APPLIES.

TRENCH DEPTH AT BOTTOM 30".
BACKFILL AS REQUIRED BY M.C.H.D.

T. Lochthaler

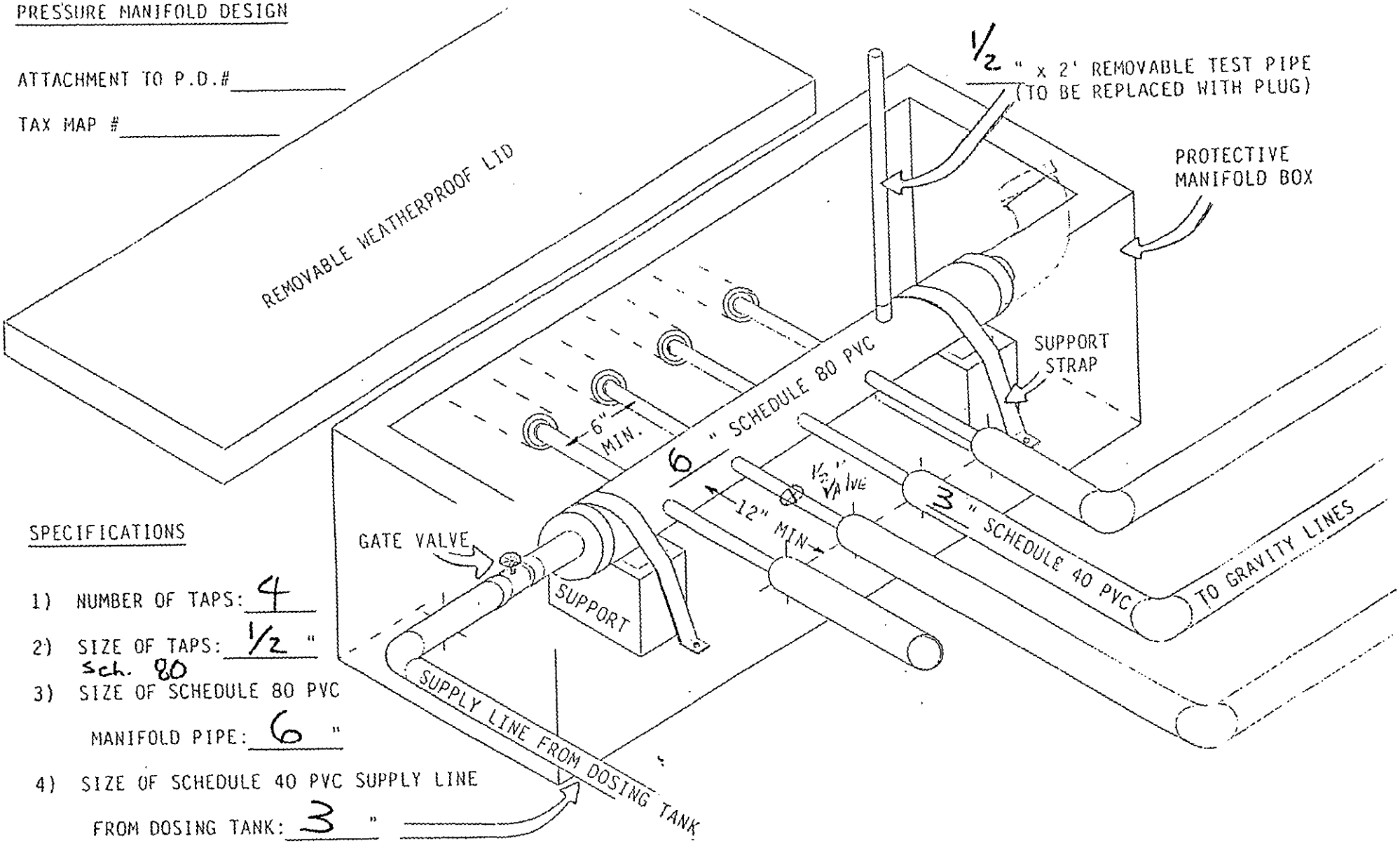
* SEE P.M. PGS. 1-3

File: [illegible]

PRESSURE MANIFOLD DESIGN

ATTACHMENT TO P.D.#_____

TAX MAP #_____



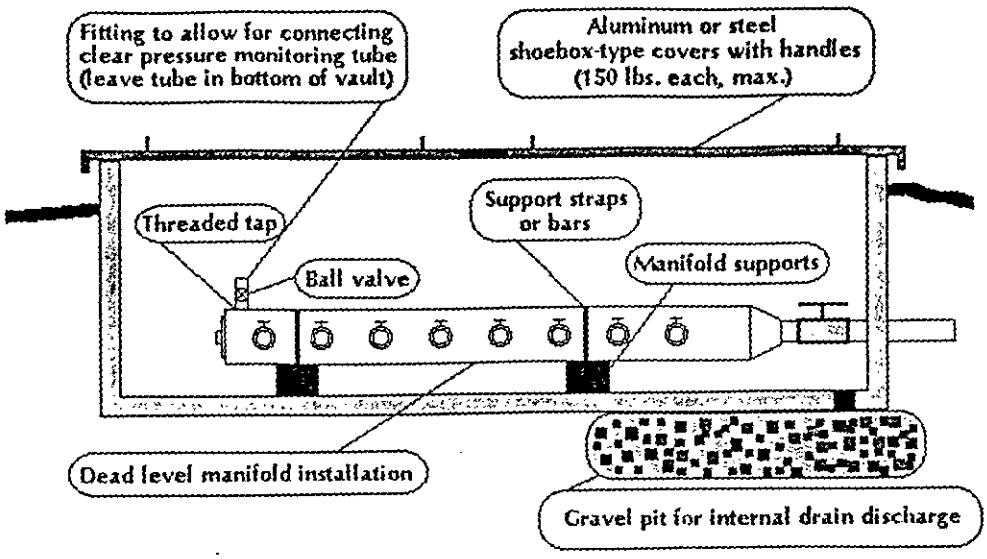
SPECIFICATIONS

1) NUMBER OF TAPS: 4

2) SIZE OF TAPS: 1/2 "

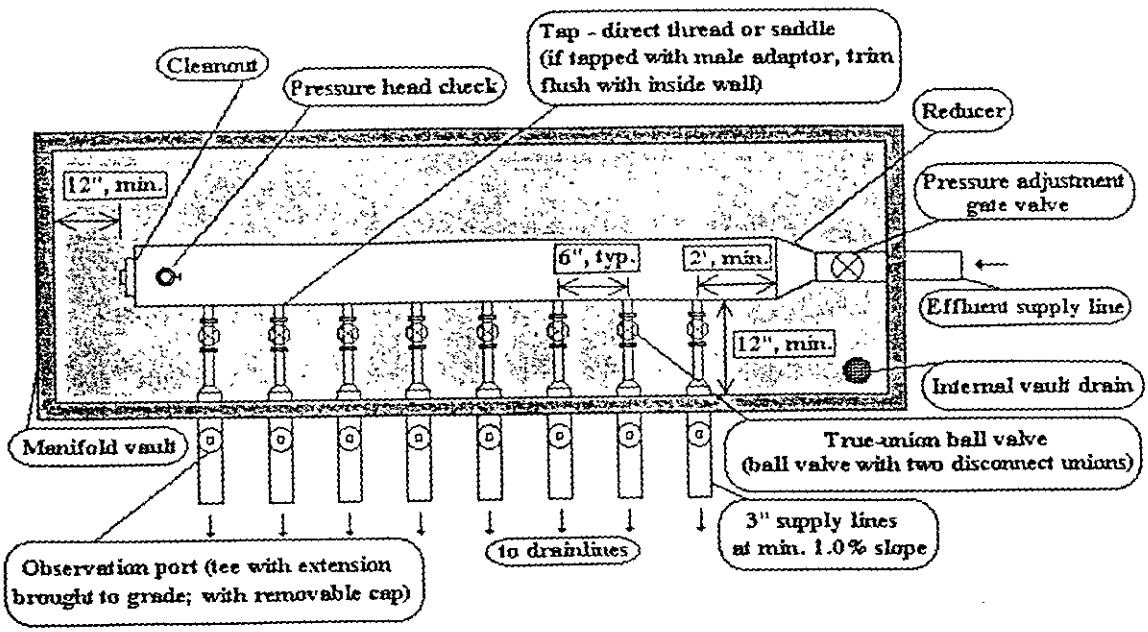
3) SIZE OF SCHEDULE 80 PVC MANIFOLD PIPE: 6 " sch. 80

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



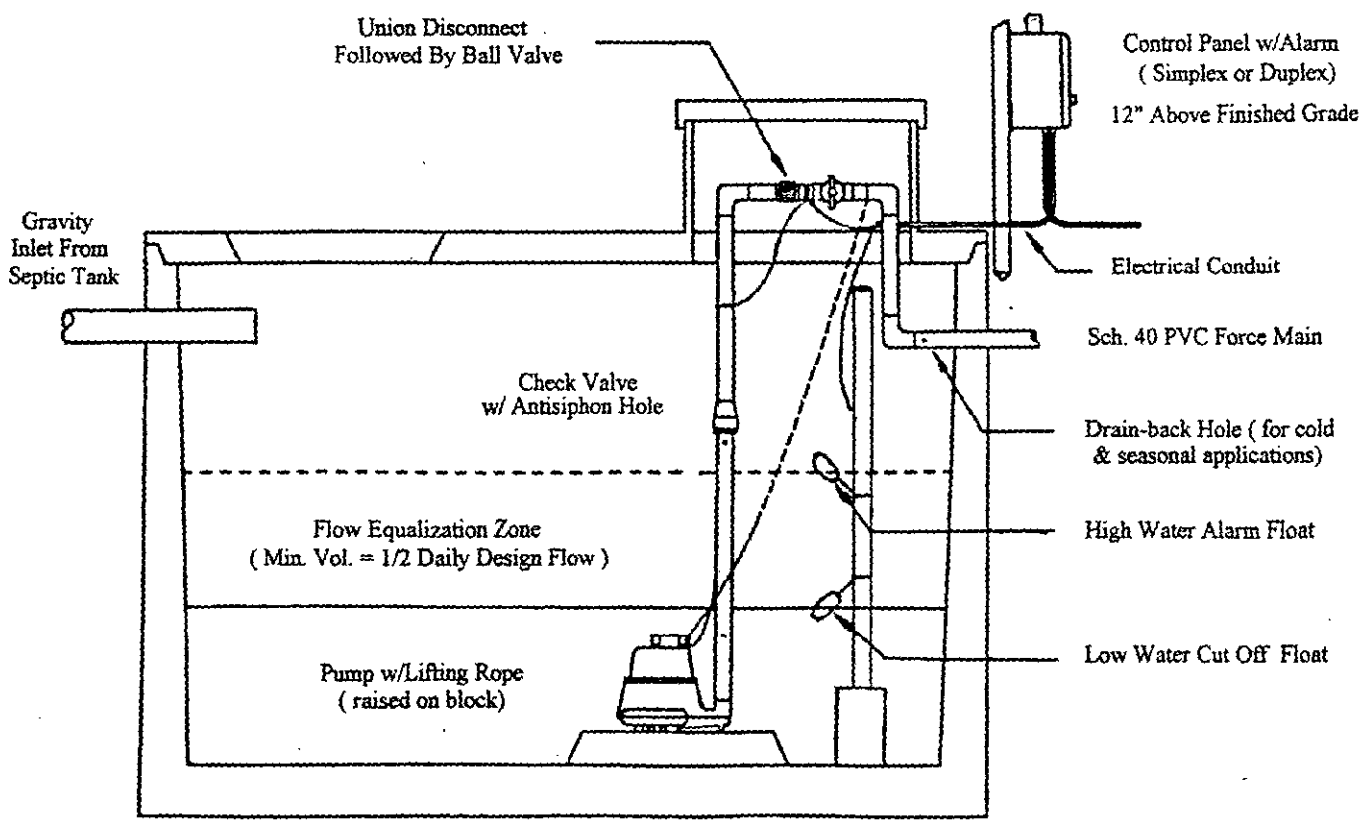
Profile View of Pressure Manifold for Sloping Site Installation

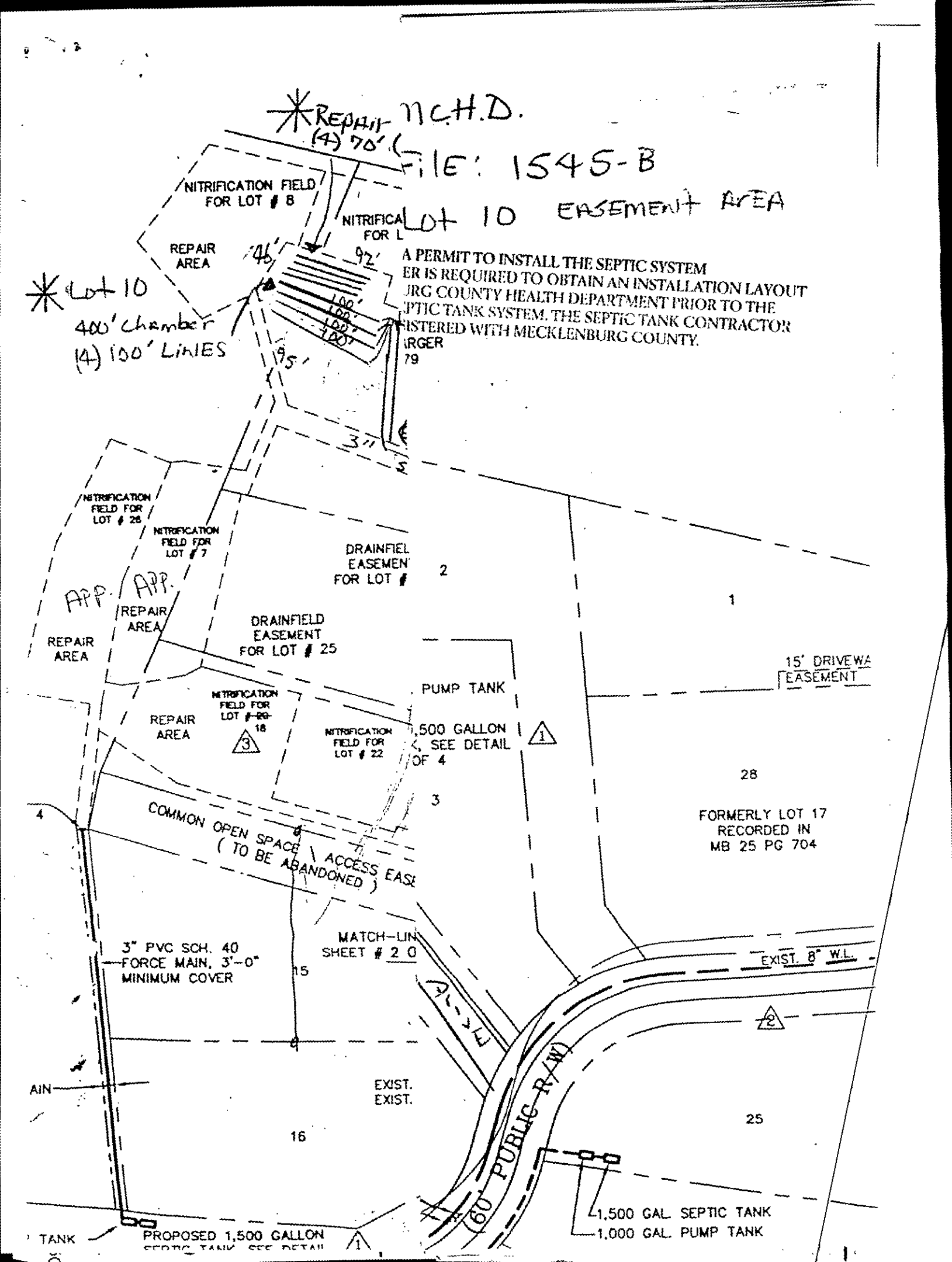
(not to scale)



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 MCHD.
(4) 70'
File: 1545-B
Lot 10 Easement Area
NITRIFICATION FIELD FOR LOT # 8
NITRIFICA FOR L
REPAIR AREA
46'
92'
A PERMIT TO INSTALL THE SEPTIC SYSTEM
ER IS REQUIRED TO OBTAIN AN INSTALLATION LAYOUT
JRG COUNTY HEALTH DEPARTMENT PRIOR TO THE
PTIC TANK SYSTEM. THE SEPTIC TANK CONTRACTOR
ISTERED WITH MECKLENBURG COUNTY.
RGER
79
*Lot 10
400' chamber
(4) 100' Lines
100'
100'
100'
100'
95'
37'
NITRIFICATION FIELD FOR LOT # 26
NITRIFICATION FIELD FOR LOT # 7
App. App.
REPAIR AREA
DRAINFIEL EASEMEN FOR LOT #
2
1
DRAINFIELD EASEMENT FOR LOT # 25
REPAIR AREA
15' DRIVEWA EASEMENT
PUMP TANK
,500 GALLON
, SEE DETAIL
OF 4
NITRIFICATION FIELD FOR LOT # 18
3
NITRIFICATION FIELD FOR LOT # 22
REPAIR AREA
28
3
4
COMMON OPEN SPACE \ ACCESS EASE
(TO BE ABANDONED)
FORMERLY LOT 17
RECORDED IN
MB 25 PG 704
3" PVC SCH. 40
FORCE MAIN, 3'-0"
MINIMUM COVER
MATCH-LIN
SHEET # 2 0
15
EXIST. 8" W.L.
2
AIN
EXIST.
EXIST.
16
25
(60' PUBLIC R/W)
1,500 GAL. SEPTIC TANK
1,000 GAL. PUMP TANK
TANK
PROPOSED 1,500 GALLON

FEE: 100.00
DATE: 8/16/96
CK# 0670

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

| | CRT

TYPE APPLICATION: X NEW SYSTEM ___ EXPANSION 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 #: 1545B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 007-422-14

STREET ADDRESS: Westmoreland Farm Road

SUBDIVISION OR MOBILE HOME PARK NAME: Westmoreland Farm

LOT NUMBER: 10

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
X 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
___ 6 HUNTERSVILLE
___ 7 MINT HILL

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS: 4

NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

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

IF EXPANSION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES X NO TYPE: _____

WATER SUPPLY (CHECK ONE):
___ COMMUNITY (C)
___ SHARED WELL (S)
X MUNICIPAL (M)
___ OTHER 'SPRINGS' (O)
___ PRIVATE WELL (P)

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

BURIED CABLES, LANDFILLS, STUMPHOLES ___ YES X NO
EXISTING WASTE WATER SYSTEMS ___ YES X NO
EASEMENTS OR RIGHT-OF-WAYS X YES ___ NO
WELL SPRINGS OR WATERLINES ___ YES X NO
DESIGNATED WETLANDS ___ YES X NO

PROPERTY OWNER:

NAME: Herring (LAST) James (FIRST) W (MI)

ADDRESS: 605 Greene Street

CITY: Camden STATE: S.C. ZIP 29020

DAYTIME PHONE: (803) 432-0239

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) —

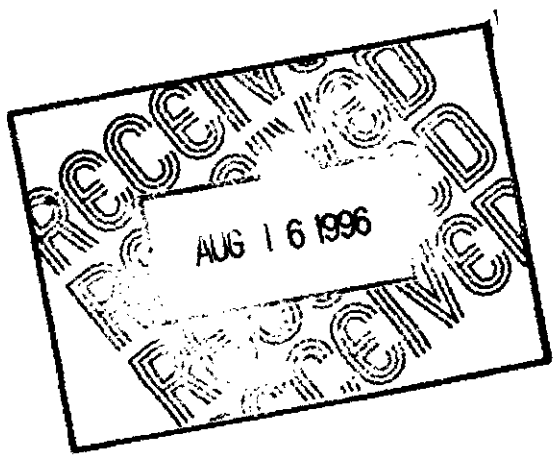
WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? December 6, 1994

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: James W Herring DATE: July 23 1996

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

**An IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change.


RECEIVED
AUG 16 1996

Lot #10

PROPOSED PLOT PLAN

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

FILE: 1545B

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.

SEE ATTACHED

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE _____

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

MCHD.
FILE: 1545-B
LOT 10 EASEMENT AREA

REPAIR LOT 10
(4) 70' (PPBPS)

NITRIFICATION FIELD FOR LOT # 8
NITRIFICATION FIELD FOR LOT # 3
REPAIR AREA
REPAIR AREA
LOT 10
400' CHAMBER
(4) 100' LINES
46'
92'
100'
100'
100'
100'
95'
121'
129'
E 81
E 79
E 87.3
E 94
E 98
E 100
80'
CONCRETE MONUMENT
FORCE MAINS SHALL HAVE 5' SEPARATION
15' FORCE MAIN EASEMENT
3" PVC SCH. 40 FORCE MAIN 5 FEET OFF PROPERTY LINE
MATCH-LINE SEE SHEET # 2 OF 4
10' FORCE MAIN EASEMENT
MYRTLE M. BARGER 3573 - 279
20' P.S.D.E.
60'
1,000 GAL. PUMP TANK
PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4
1
Drive
10' P.S.D.E. AROUND NORMAL POOL ELEV.
SERVICE LINE
311'
110'
REPAIR AREA LOT 5
11
10
Pump Tank
60'
H 60
150'
1,000 GAL. PUMP TANK
NITRIFICATION FIELD FOR LOT # 26
NITRIFICATION FIELD FOR LOT # 7
APP.
APP.
REPAIR AREA
DRAINFIELD EASEMENT FOR LOT # 27
DRAINFIELD EASEMENT FOR LOT # 25
REPAIR AREA
EXIST. 2" G.V.
EXIST. 2" B.O.
NITRIFICATION FIELD FOR LOT # 20
18
3
REPAIR AREA
NITRIFICATION FIELD FOR LOT # 22
REPAIR AREA
3" PVC SCH. 40 FORCE MAINS WITH 2' SEPARATION
COMMON OPEN SPACE
1,000 GAL. PUMP TANK
PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4
COMMON OPEN SPACE / ACCESS EASEMENT (TO BE ABANDONED)
EXISTING 3" FORCE MAIN
EXIST. 2" W.L.
8
4
3
5
2
1
15' DRIVEWAY EASEMENT
1,000 GAL. PUMP TANK
PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4
28
FORMERLY LOT 17 RECORDED IN MB 25 PG 704
3" PVC SCH. 40 FORCE MAIN, 3'-0" MINIMUM COVER
MATCH-LINE SHEET # 2 OF 4
15
EXIST. 8" W.L.
PROPOSED 1,500 GALLON SEPTIC TANK, SEE DETAIL SHEET # 4 OF 4
EXISTING 3" FORCE MAIN
EXIST. 2" G.V.
EXIST. F.H.
1,000 GAL. PUMP TANK
16
7
27
FORMERLY LOT 2 RECORDED IN MB 25 PG 704
20' P.S.D.E.
COMMON OPEN SPACE
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
1,500 GAL. SEPTIC TANK
1,000 GAL. PUMP TANK
(60' PUBLIC R/W)
PROPOSED 1,500 GALLON

M.C.H.D.

File: 1545-B
Westmoreland Farm

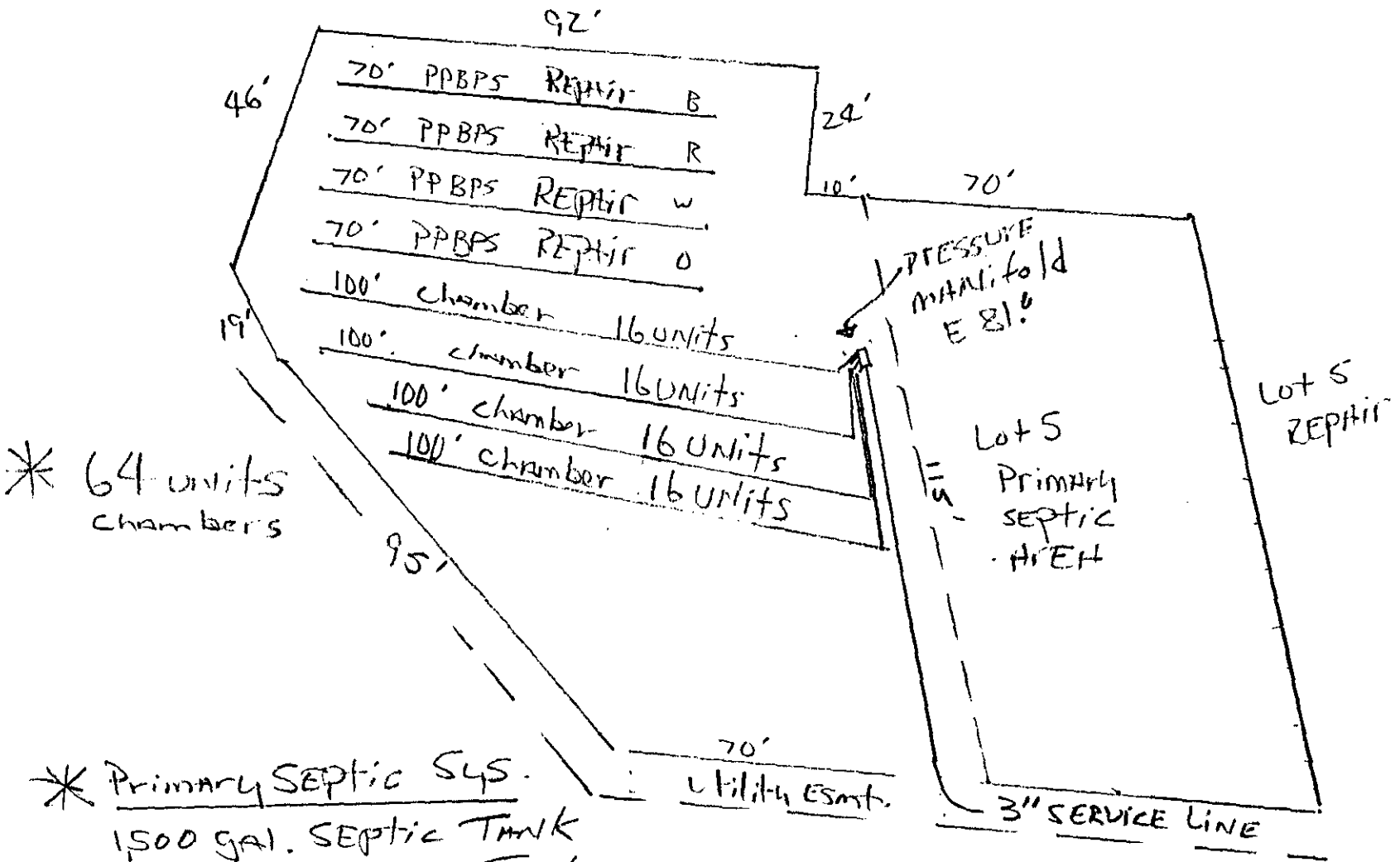
Lot 10 Esmt. Area

File Copy

T. Whitaker
886-9545

(1) Bedrm. Chamber Septic Plan. (Infiltrator)
Pressure manifold, Panel Repair

MCHD.
File: 1545-B
Lot 10 Esmt. Area



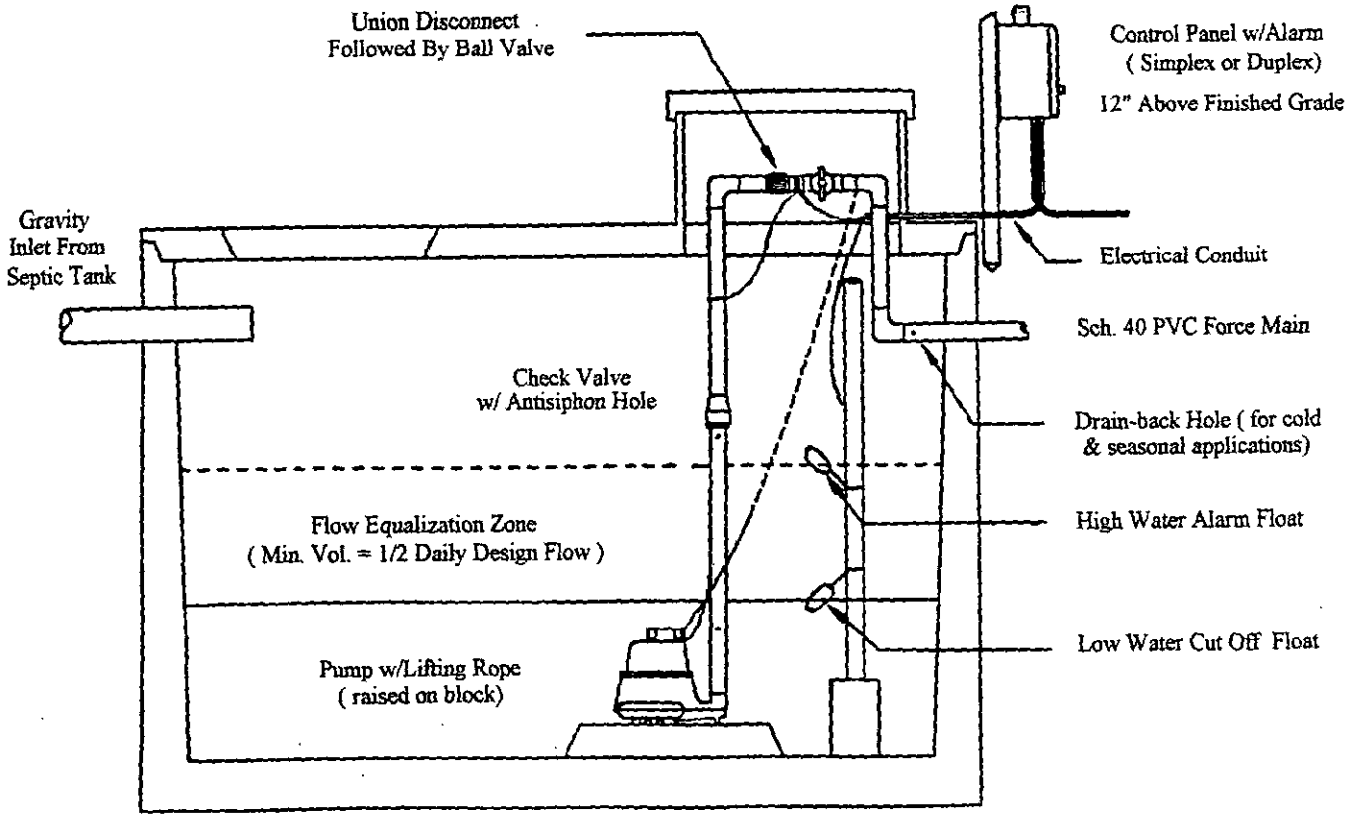
* 64 units chambers

* Primary Septic 545.
1,500 gal. Septic Tank
1,000 gal. Pump Tank
(4) 100' chamber Lines (Infiltrator)
(1) Pressure manifold, Box - Contractors Choice
Riser & Filter Rule applies / Contractors Choice

T. Whitaker
866-9540

TYPICAL PUMP TANK DETAIL

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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.



SPECS:

M.C.H.D.
F.I.E: 1545-B

* MANIFOLD - SEE PGS. 1-3 ATTACHED
MANIFOLD ELEVATION. 81.0
PUMP TANK ELEV. 92.0
@ 2' head = 5.48 = 21.92 gpm
— SCH. 80 ½ TAPS = 4 TAPS @ ~~6.71~~ = ~~26.84~~ SPM
— FRICTION HEAD = 19.4, PRESSURE HEAD ~~32~~
— TDH = 11' + 19.4 + ~~5~~ = 32.4 @ ~~26.84 GPM~~
TDH = 26.84 GPM @ ~~32~~ 22 — DH 21.92
~~*~~ REC. 3/4 to 1 HP. PUMP
9.6" ~~9"~~ DRAW DOWN FLOAT SWITCH
10.9 ~~7~~ MINUTE PUMP CYCLE
PUMP TANK SPECS (SEE SHEET)
NEMA 4 RULE APPLIES.

TRENCH DEPTH at bottom 30"
BACKFILL AS REQUIRED by M.C.H.D.

T. Whitaker

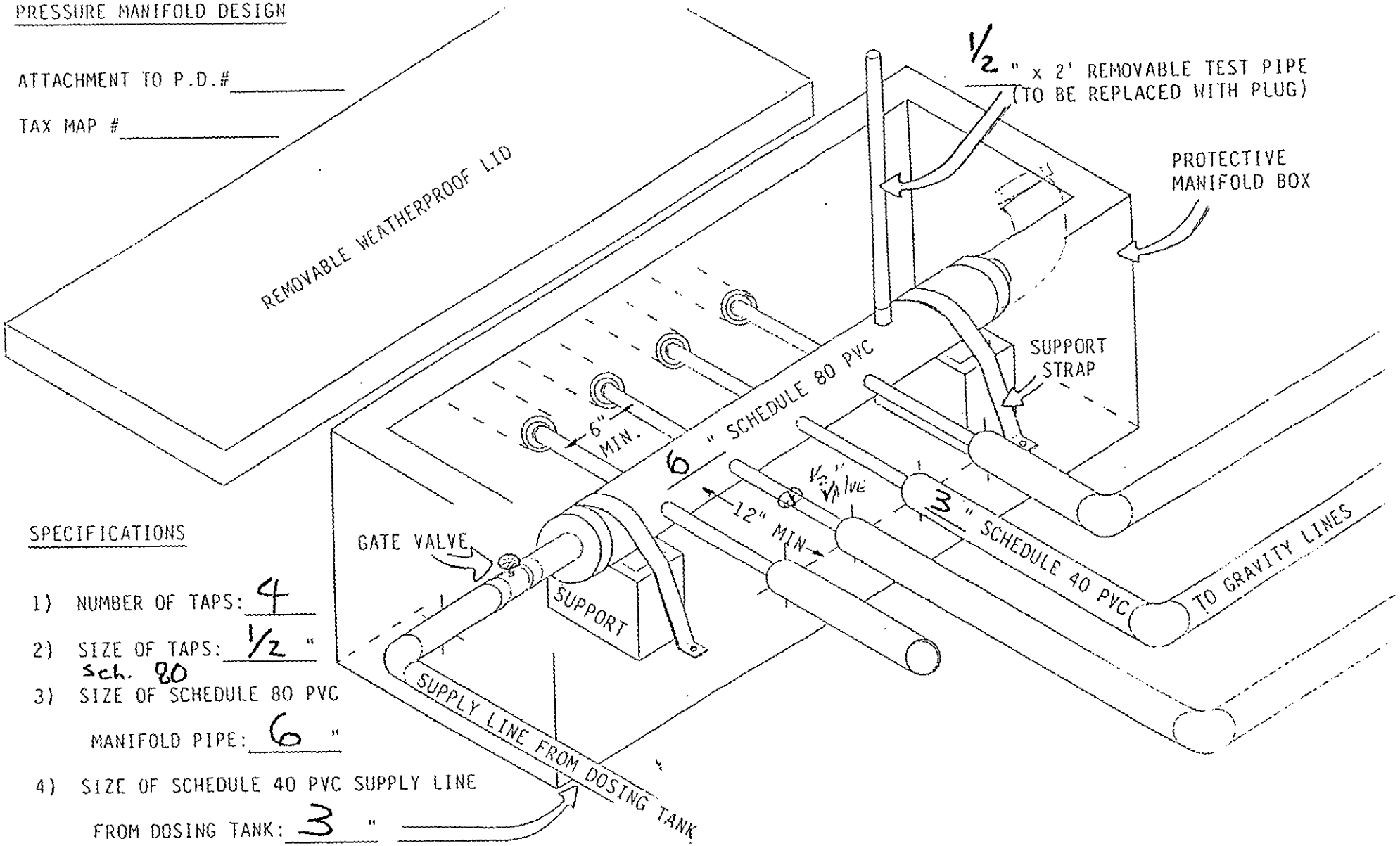
* SEE P.M. PGS. 1-3

f/ka: 1545-B

PRESSURE MANIFOLD DESIGN

ATTACHMENT TO P.D.#_____

TAX MAP #_____



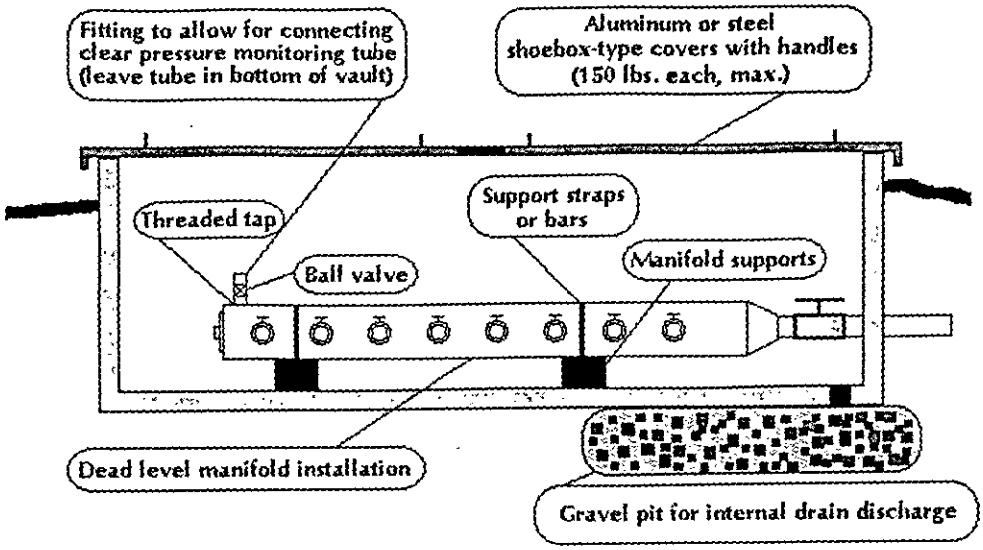
SPECIFICATIONS

1) NUMBER OF TAPS: 4

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

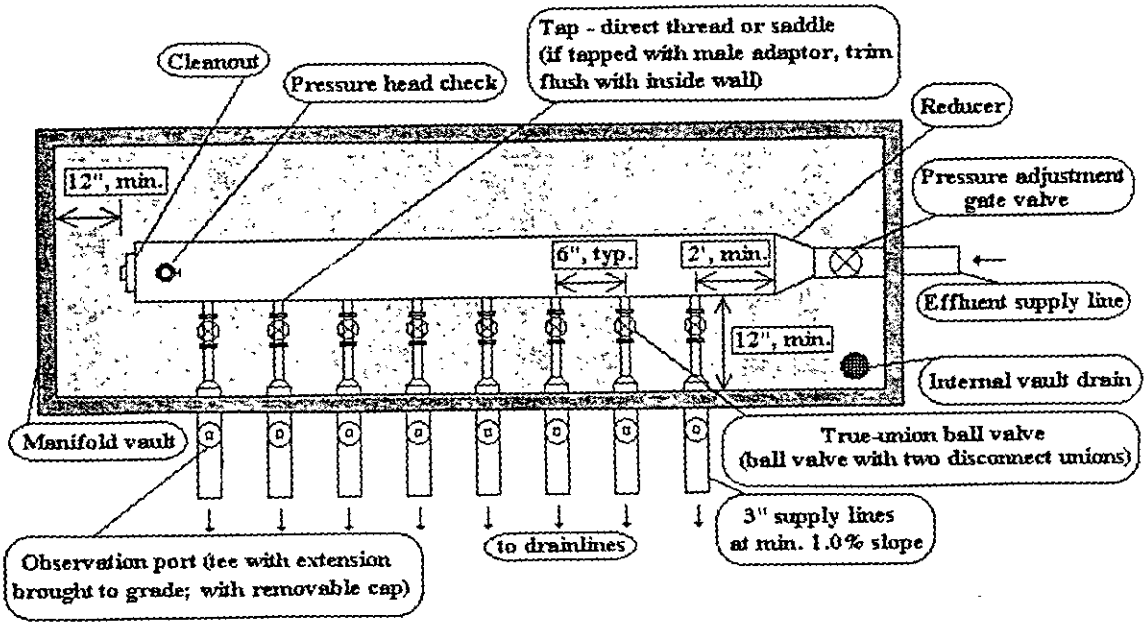
3) SIZE OF SCHEDULE 80 PVC MANIFOLD PIPE: 6 "

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



Profile View of Pressure Manifold for Sloping Site Installation

(not to scale)



mcHD.
File: 1545-B

THE INFILTRATOR™

SEPTIC SYSTEM INSTALLATION INSTRUCTIONS

1 Excavate and level 3' wide trenches.

2 Prepare trench bottom and sides in accordance with state and local regulations. (Infiltrator Systems recommends raking sidewall and bottom infiltrative surfaces to eliminate smearing.)

3 Screw splash plate on bottom of open end plate.

4 Screw open end plate into inlet end (without interlocks) of first INFILTRATOR™ chamber with splash plate extending into unit.



5 Place first unit in the inlet end of trench with interlocks downstream.

6 Run distribution pipe through inlet opening in end plate but not beyond splash plate. Single screw may be used to hold in place. **Pipe does not normally run the length of system.**



7 Connect INFILTRATOR™ units together, fully engaging interlocks to form desired trench length.

a. The joints may be screwed together for ease in construction.

b. Trench grade should be checked with a level or surveying equipment.

8 Screw closed end plate in downstream end of last unit to hold in place. **NOTE:** For serial distribution, or to loop the trenches together, use an open end plate at the downstream end of the trench, and run a pipe from the opening to the next trench.

9 Fill side wall area to top of slots with native soil. "Walk" fill into place to give proper support of sides. **THIS IS VERY IMPORTANT TO ACHIEVE FULL STRENGTH.**



10 Backfill to a minimum of 12" of cover after compaction and settling for H-10 units and 18" for H-20 units. Avoid large rocks in the backfill material. **CAUTION:** Avoid vehicle traffic on system during construction since soil has not settled. This is particularly important in sand, since loose sand offers very little structural support. Most states advise avoiding vehicle traffic to prevent compaction of the infiltrative surface. (After proper depth of cover is compacted and settled, INFILTRATOR™ leaching chambers will then support vehicle weight not to exceed 16,000 lbs. per axle for H-10 units and 32,000 lbs. per axle for H-20 units.)



INFILTRATOR™ is a trademark of Infiltrator Systems, Inc.

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

W400 Lot #10

PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

#2
1545B
0017-422-141
Lot #10

OWNER: James W. Herring
APPLICANT:
ADDRESS: 605 Reeve Dr., Carrboro, NC
APPLICATION DATE:
DATE EVALUATED:
PROPOSED FACILITY: residence
PROPOSED DESIGN FLOW (.1949): 480gpd
PROPERTY SIZE: .43
LOCATION OF SITE: Westmoreland Farm Rd
PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slopes 2-6% .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 & LT
1	LS	0-2"	gr/cl	Fr/SEXP/SS/SP	42" TO soil wetness	42"	N/A	None	PS .39/F2 IV
		2-29"	SBK/c	Fi/SEXP/SP					
		29-42"	SBK/cl	Fr/SEXP/SS/SP					
2	LS	0-10"	gr/cl	Fr/SEXP/SS/SP	46" TO soil wetness	46"	N/A	None	PS .39/F2 IV
		10-46"	SBK/c	Fi/SEXP/SP					
		40-46"	SBK/cl	Fr/SEXP/SS/SP					
3	LS	0-4"	gr/cl	Fr/SEXP/SS/SP	32" TO soil wetness	32"	N/A	None	US .21/F2 IV
		4-32"	SBK/c	Fi/SEXP/SP					
4	LS	0-5"	gr/cl	Fr/SEXP/SS/SP	48" TO soil wetness	48"	N/A	None	PS .39/F2 IV
		5-40"	SBK/c	Fi/SEXP/SP					
		40-48"	SBK/cl	Fr/SEXP/SS/SP					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): unsuitable
EVALUATED BY: W.A. Marlin 3-19-97
OTHER(S) PRESENT: LSS

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

PROPERTY ID #: 15 4503
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ 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	PROFI CLAS & LT.
1	L9	0-3"	gr/cl	Fr/SEXP/SS/SP	7.5YR 6/8 To soil Wetness	48"	N/A	None	13g/A2 IV PS
		3-36"	SBK/C	Fr/SEXP/SS/P					
		36-48"	SBK/cl	Fr/SEXP/SS/SP					
2									
3									
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

OMMENTS: 1006 Repair, Expansion

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)		SUC (Silt Loam Clay)				
(Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

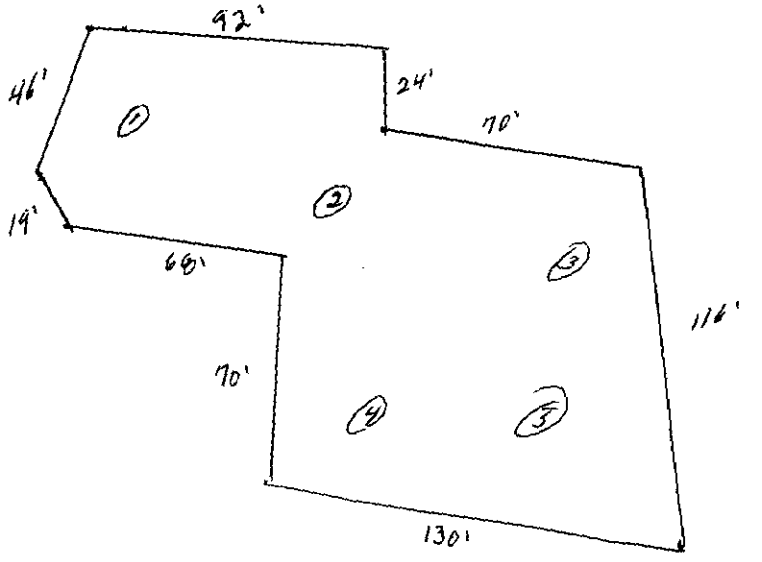
OTES

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

valuation of saprolite shall be by pits.

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

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



HUGH BARGER
3573-279

N 75°34'01"W 500.00'
10'
105.00'
#4 REBAR
S 78°29'16"W 22.86'
S 14°28'29"W 5.00'
N 73°37'11"W 192.94'
144.80'
CONTROL MONUMENT
S 14°28'29"W 15.00'
15'
S 75°34'01"E 58.77'
10'
59.57'
N 20°40'00"E
N 71°43'21"W 81.29'
11.50'
S 75°34'01"E
NITRIFICATION FIELD
FOR LOT 3
0.39 ACRES
OLD LINE
N 33°00'00"E 46.00'
291.66'
N 14°28'29"E 24.00'
9.82'
N 68°21'05"W 129.82'
120.00'
100.05'
100.93'
S 14°28'29"W
S 14°28'29"W
LOT 11
#4 REBAR
10.04' TIE
NITRIFICATION FIELD
FOR LOT 10
0.32 ACRES
LOT 12
MB. 26-459
S 05°22'32"W 117.35'
OLD LINE
NITRIFICATION FIELD
LOT 5
0.42 ACRES
S 13°06'35"E 137.59'
#5 RBR
85.58'
20'
N 68°21'02"W
OLD LINE
S 68°21'05"E 261.16'
184.78'
242.46'
175.58'
S 75°34'01"E 210.12'
BASE BEARING
#5 RBR
57.69'
#4 REBAR
DRAIN FIELD
FOR LOT 27
SEE MAP DATED 12/30/94
S 13°06'35"E 120.23'
25' EASEMENT
S 13°06'35"E 124.31'
S 36°41'19"E 165.77'
LOT 13
DRAIN FOR LOT 25
N 70°12'07"W
N 70°12'07"W 6.66'
R=50.00'
A=20.63'
S 38°18'19"
20.48' chord
#4 REBAR
PK NAIL
90.00'
84.72'
N 73°18'10"W 195.00'
LOT 14
NITRIFICATION FIELD
FOR LOT 22
0.415 ACRES
N 28°22'07"E 55.86'
S 10°04'09"E 106.47'
WES
F
RR
N 15°43'57"E
N 73°12'08"W
10' EASEMENT
N 73°12'08"W 110.02'
S 15°43'57"W 5.00'
N 73°12'08"W 314.03'
84.99'
15'
N 73°12'08"W
119.01'
34.02'
15.00'
S 15°43'57"W 90.06'
S 15°43'57"W 90.12'
105.12'
211.35'
S 73°12'08"E 199.84'
N 79°27'31"W 100.00'
S 20°47'12"W 89.62'
N 04°24'48"E 75.00'
PROPOSED
NITRIFICATION FIELD
LOT 21
R=225.00'
N 83°21'26"W 105.37'
A=72.02'
N 72°59'28"W 110.10'
48'10"W 325.29'

LEGEND

- PROPERTY LINE
- TIE LINE
- UNSURVEYED LINE
- RIGHT-OF-WAY
- SETBACK LINE
- BACK OF CURB, PAVEMENT
- CP ○ COMPUTED POINT
- PP ⏀ POWER POLE

NOTES:

1. This property IS NOT located in a designated flood zone.
2. Area determined by coordinate computation.
3. CP denotes computed point, no monument found or set.
4. All distances are horizontal ground distances.
5. Property is subject to any right-of-ways and easements of record.
6. Underground utilities not located as of this date.
7. This map does not represent an actual field survey of the drain field f lots 788, information taken from previous work, MB. 26-459 and
8. This map does not represent an actual field survey of the drain field f lot 21, information taken from previous work, MB. 26-459.
9. This revision 06/22/99 uses previous field work and existing monumer to make the revisions requested by Tim Whittaker.

REVISED 06/22/99 RJL REDIVISION OF DRAIN FIELDS FOR LOTS 3,5&10
REVISED 02/23/99 RJL REVISED DIVISION OF LOT 15 (DRAIN FOR LOT 21)
REVISED 10/12/98 RJL DIVIDED LOT 15
REVISED 06/29/98 RJL EASEMENT TO LOT 26 DRAINFIELD
REVISED 06/23/98 RJL LOT 26 WEST LINES

DRAIN FIELD PLAT

FOR

LOTS 7, 20, 22, 26 & LOT 21

PROPERTY OF

JAMES W. HERRING & wf. PHYLLIS

PART OF LOT 12 WESTMORELAND FARM, MB. 26-45
PART OF DRAIN FIELD EASEMENTS MB 26-459
DEWEESE TOWNSHIP, MECKLENBURG COUNTY
DAVIDSON, NORTH CAROLINA
MARCH 5, 1997

50 0 50 100 1

Blue Water Realty
19701-A West Catawba Ave.
Cornelius, NC 28031
Phone: 704-892-7373
Fax. 704-892-9661
www.bluewaterrealty.com

BLUE WATER REALTY, INC.

Fax

To: Kelly Randle **From:** Chuck Masterton

Fax: 336-6894 **Date:** SEPT. 21, 2000

Phone: **Pages:** 6 + Cover

Re: **CC:**

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Comments:

Kelly,

Call me at

892-7373

Chuck

1545B

007-422-14

Lot 10

12850 Westmoreland Farms Rd

RICK KNIGHT
THORNTON BROOKS
GEORGE STYRON
LINDA SUMMERVILLE
SHERRI MASON-GOAD
STACY LUZE

BECKY CHILDERS
CHUCK MASTERTON
JANE URBAN
LISA MCRORIE
KRISTI HAND
LORI MCKENZIE

CHERYL BEACH
GINA BAKER
JEANA YOUNG
SANDY LAWING
WANOKA KNIGHT

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 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 10 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 Lot 12 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 eight foot wide non-exclusive easement running along the front lot lines from Lot 10 to Lot 12 to provide for a location for the placement of a septic line to connect to a sewage drainfield and repair area for Lot 10 located upon a portion of Lot 12 for the benefit of Lot 10 upon such portion of Lot 12; 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 FRANK OVERTON, and wife ELIZABETH OVERTON (hereinafter "Grantees"), their personal representatives, heirs, successors and assigns, of Lot 10 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 10 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 running along the front lot lines from Lot 10 to Lot 12 and a sewage drainfield and repair area over, under and on the surface of the parcel out of Lot 12 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 as described in Exhibit "A", attached hereto and made a part hereof by reference.

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

1. The eight foot wide non-exclusive easement shall be for septic pipes/lines running along the front lot lines from Lot 10 to Lot 12 of WESTMORELAND FARM.

2. Installation of the sewage drainfield and repair area on Lot 12 for the benefit of Lot 10 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 Lot 12 of WESTMORELAND FARM.

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 10 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 Lot 12 of WESTMORELAND FARM 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 10 of WESTMORELAND FARM, have hereunto executed this Declaration of Easement this ____ day of _____, 2000.

_____ _____
PHYLLIS HERRING JAMES W. HERRING

STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG)

I, _____, 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 _____ day of _____, 2000.

_____
Notary Public

My Commission Expires: _____

STATE OF NORTH CAROLINA)
)
COUNTY OF _____)

I, _____, 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 _____ day of _____, 2000

_____
Notary Public

My Commission Expires: _____

EXHIBIT "A"

TRACT 1:

BEING an eight-foot-wide easement which runs along the northern 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 North 25-34-41 East 32 feet from the southwest corner of Lot 10, WESTMORELAND FARM SUBDIVISION recorded in Map Book 26, Page 459 in the Mecklenburg County Registry; and run thence with a curve which radiates out from a curve on Westmoreland Farm Road that has a radius of 120.00 feet, a length of 151.83 feet, and chord of 141.90 feet, and a direction of South 50-52-56 West across Lot 11 of said subdivision to a point located North 13-08-50 West 32 feet from the southwest corner of Lot 11; run thence with the line of Lot 11 along a 25 foot easement North 13-06-35 West 92.31 feet to a computed point; run thence along a 20 foot easement North 68-21-02 West 261.16 feet to a computed point; run thence in a southwesterly direction approximately 20 feet to a #5 rebar (distance and direction not calculated on drain field plat); run thence along said 20 foot easement South 68-21-05 East 233.89 feet to a computed point; run thence along aforementioned 25 foot easement, South 13-06-35 East 120.12 feet to a computed point; run thence South 70-12-07 East 6.66 feet to a computed point in the northern right-of-way of Westmoreland Farm Road; run thence with a curve with a radius of 50.00 feet, a chord of 20.48 feet and a direction of North 58-18-19 East to a #4 rebar found in the southwest corner of Lot 11; run thence with the line of Lot 11, North 13-06-35 West 24 feet; run thence with a curve with a radius of 120.00 and a direction of North 50-52-56 East across Lot 11 to a point located North 25-34-41 East 24 feet from the southwest corner of Lot 10; run thence North 25-32-41 East 8 feet to the point and place of BEGINNING, and being more particularly described on that certain plat entitled "Final Plat of WESTMORELAND FARM" as platted, planned and recorded in Map Book 26, Page 459, Mecklenburg County Registry, and a drain field plat for James W. Herring and wife, Phyllis, dated March 5, 1997, by Pyramid Land Surveying.

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

To locate BEGINNING POINT, run North 13-06-35 East 24 feet from the southwest corner of Lot 11, WESTMORELAND FARM SUBDIVISION recorded in Map Book 26, Page 459 in the Mecklenburg County Registry; and run thence along a 25 foot easement 100.31 feet to a computed point; run thence along a 20 foot easement North 68-21-02 West 175.58 feet to a computed point, said BEGINNING POINT; run thence North 68-21-02 West 85.58 feet to a computed point; run thence North 14-18-00 West 105.16 feet to a computed point; run thence North 33-00-00 East 46.00 feet to a computed point; run thence South 75-34-01 East 11.50 feet to a computed point; run thence South 71-43-21 East 81.29 feet to a computed point; run thence South 14-28-29 West 24.00 feet to a computed point; run thence South 68-21-05 East 9.82 feet to computed point; run thence South 05-22-32 West 117.35 feet to the point and place of BEGINNING, being 0.32 acres, more or less, and described as "Nitrification Field for Lot 10," of a drain field plat for James W. Herring & wife, Phyllis, dated March 5, 1997, by Pyramid Land Surveying.

FAX COVER SHEET

Sandra L. Knox, Attorney at Law
Lakeside Professional Building
19453 W. Catawba Avenue, Suite C
Post Office Box 756
Cornelius, NC 28031

Telephone (704) 892 1636 *FAX (704) 892-6910*

TO: Rick Knight

FAX NO.: 892-9661

DATE: 9.18

RE: Amended Easement

FROM: __Y__ **Sandra K. Knox**

_____ **Mitzi E. Stegall**

PAGES: __6__ **(Including Cover Sheet)**

MEMO:

***

RICK KNIGHT

BROKER - IN - CHARGE
GRI, CRS, CRB

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www.bluewaterrealty.com

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