

Permit # : T40305480001
Pin # : 322289136000
Tax Map # : /90/13/1176/
Owner : LANGHORNE INVESTMENTS LLC
Issue date : 2014-03-31

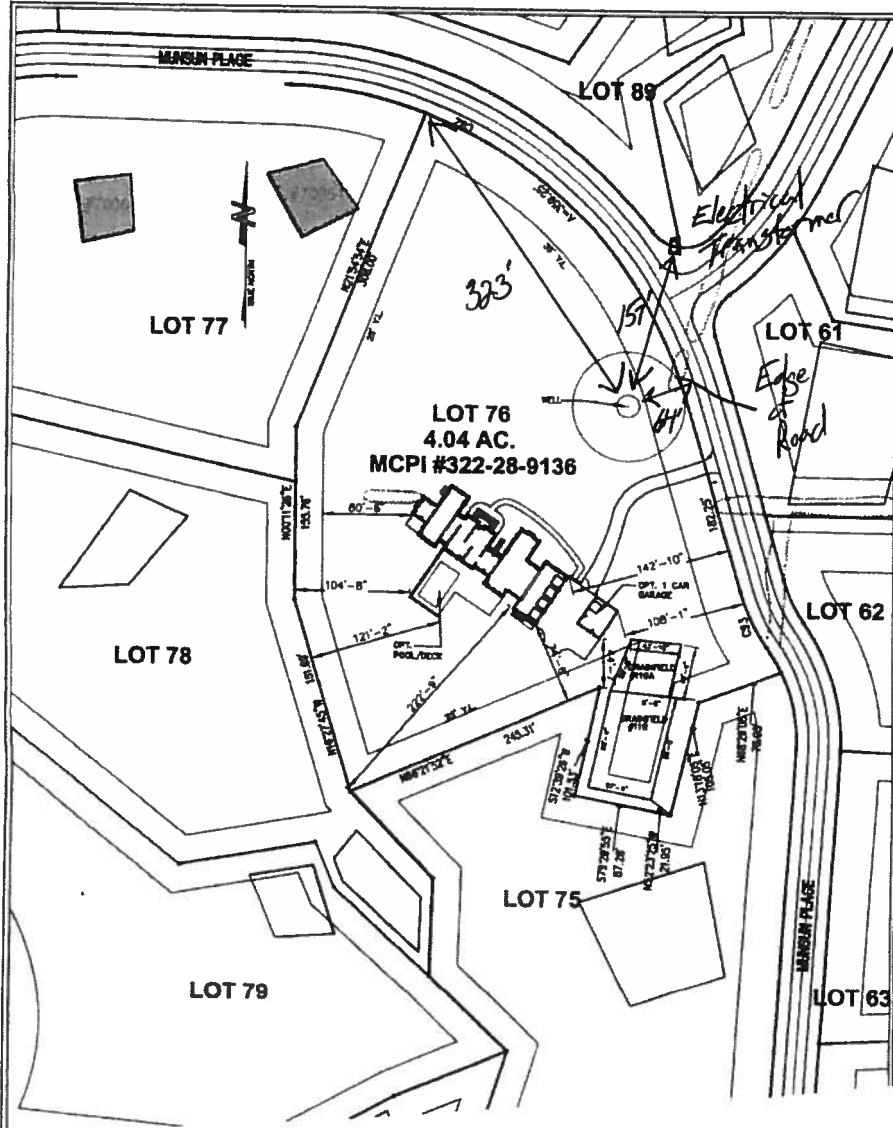
Schematic Drawing



Schematic drawing of sewage disposal system and topographic features.

Show the lot lines of the building lot and building site, sketch of property showing any topographic features which may impact the design of the system, all existing and/or proposed structures including sewage disposal systems and wells within 100 feet of sewage disposal system and reserve area. The schematic drawing of the sewage disposal system shall show sewer lines, pretreatment unit, pump station, conveyance system, and subsurface soil absorption system, reserve area etc. When a nonpublic drinking water supply is to be located on the same lot, show all sources of the pollution within 200 feet.

- The information required above has been drawn on the attached copy of the sketch submitted with the application. Attach additional sheets as necessary to illustrate the design.

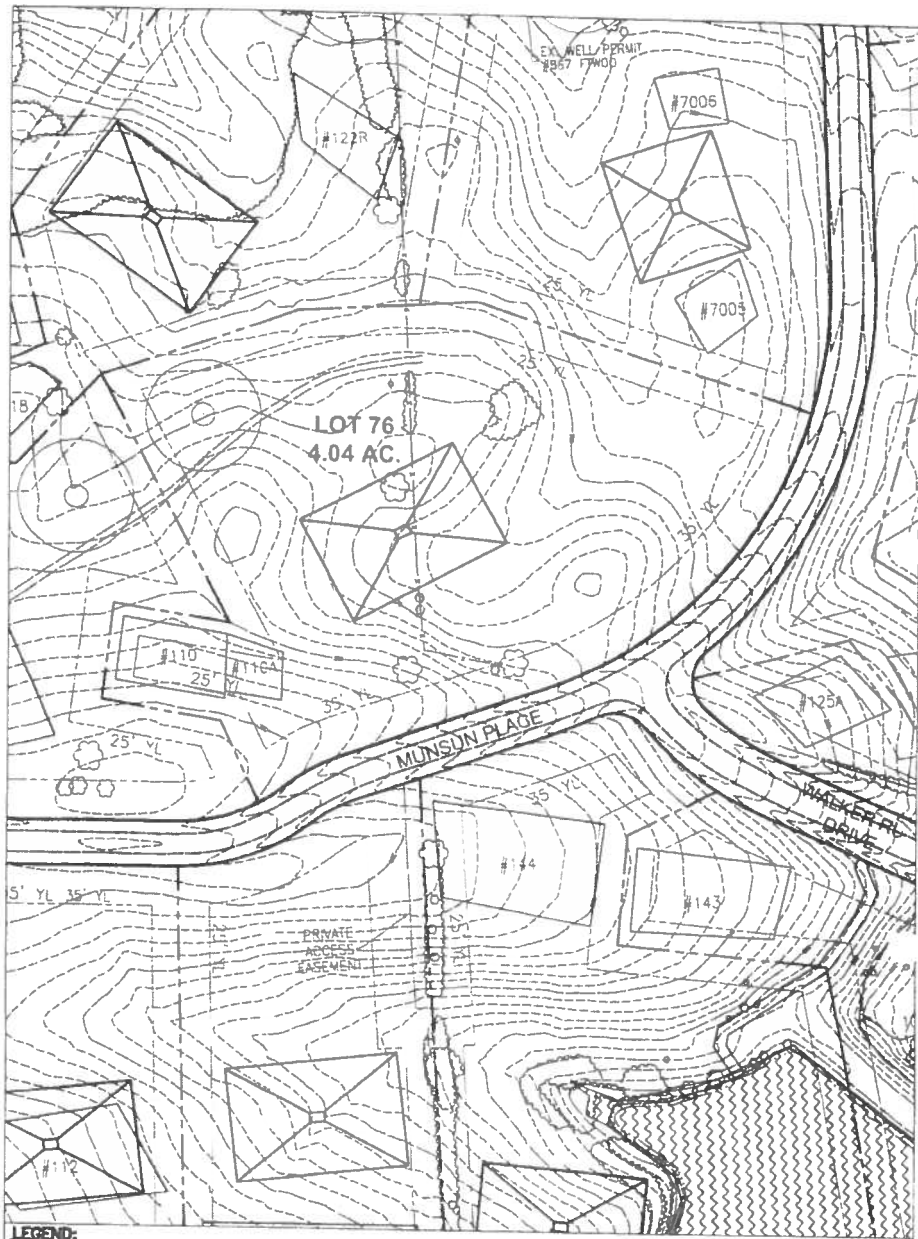


Permit # :	T40305480001
Pin # :	322289136000
Tax Map # :	/90//13//176/
Owner :	LANGHORNE INVESTMENTS LLC
Issue date :	2014-03-31



General Well System Installation Requirements

1. The well contractor must be licensed by the Loudoun County Health Department to install water supply systems.
2. This permit is null and void if the site conditions are changed from those shown on the application of this permit.
3. The well installation area shall not be physically altered (vehicular traffic, cutting, filling, etc.) prior to installation of the well system.
4. The well must be located and drilled as permitted, maintaining the specified setback distances and casing requirements.
5. Contact the Health Department if there are any questions regarding system location or construction. Contact Miss Utility before beginning any work.
6. If pit privies, septic tanks, cesspools, drainfields, underground storage tanks or other potential pollution sources or pertinent features are discovered within 100 feet of the proposed well installation, but are not shown on the permit sketch, contact the Health Department immediately. Do not proceed with construction until, or unless, clearance is granted by the Health department.
7. It is the owner's and builder's responsibility to ensure that the house and/or structure are located such that this lot and all neighboring properties meet the setback requirements to existing or proposed wells and/or drainfields.
8. The well must be a minimum of 50 feet from all structures, unless the structures are constructed of solid masonry without termite treatment. Wells downslope of potential pollution sources must be placed at further distances, or additional casing and grout is required.
9. The well must be located a minimum of 50 feet from all septic tanks.
10. Additional casing and grout, or setback distance are required for wells placed downslope of septic systems, structures and other actual or potential pollution sources. Contact the Health Department regarding minimum casing and grout requirements for downslope sited wells.
11. The well cannot be placed less than 50 feet from any sewer line, force main, or conveyance line unless special precautions are taken; contact the Health department for direction.
12. The well must be installed a minimum of 10 feet from all property lines.
13. All roof drainage should be diverted away from the well.
14. A satisfactory Health Department inspection of the well location and construction is required prior to grouting the well.
15. A reinspection fee is required prior to scheduling reinspections.
16. All dry holes must be abandoned prior to the release of a building clearance.
17. This is a Health Department permit only, all other county regulations, ordinances, procedures and policies must be met.
18. Pump installer is responsible for obtaining an electrical permit from the Department of Building & Development to wire the pump and run electrical lines from the well to the pump controls and to ensure all required inspections by the Department of Building & Development are approved prior to ditch concealment.

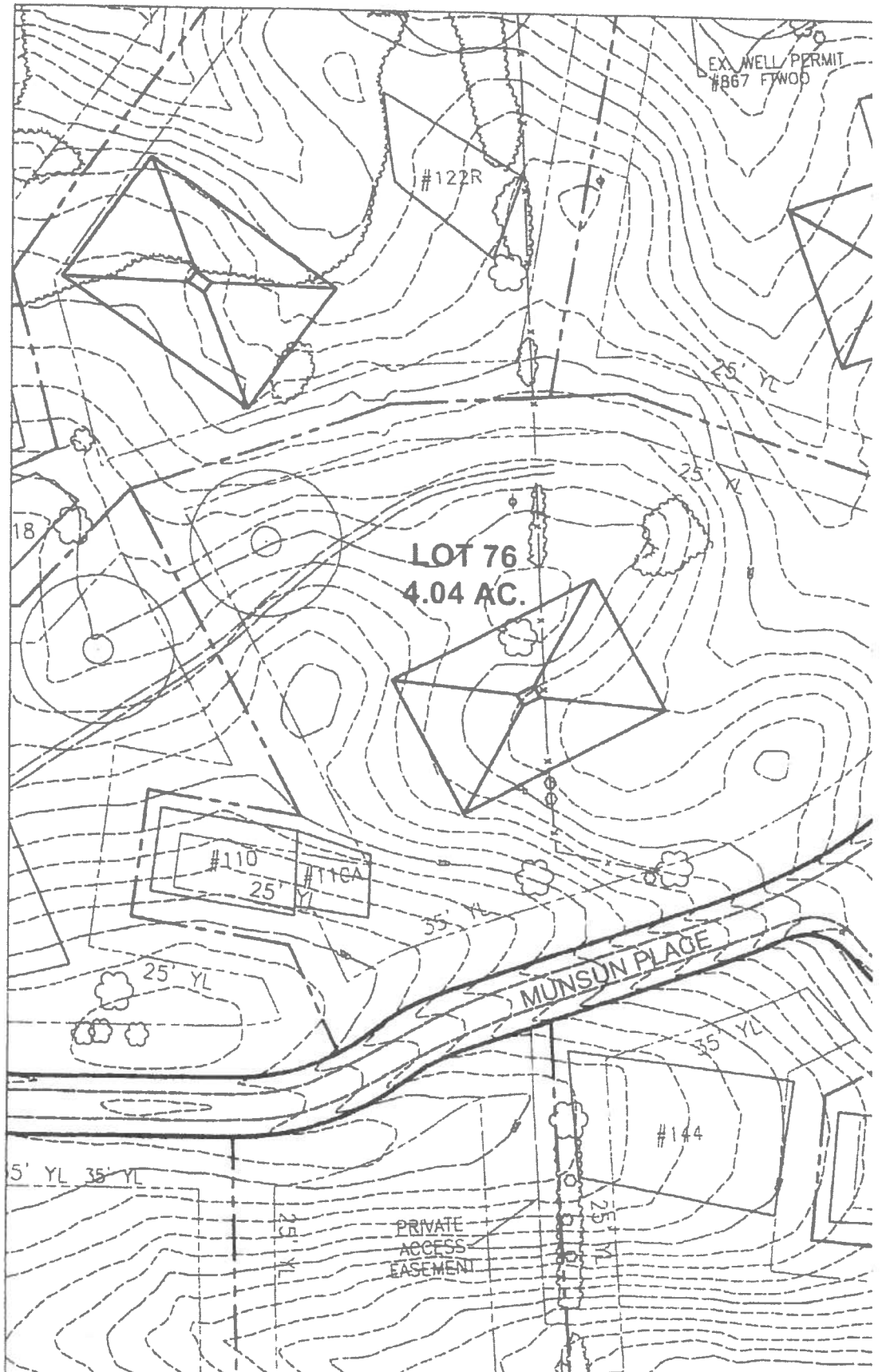


LEGEND:			
	EXISTING CONTOUR		HOUSE ENVELOPE
	PROPOSED CONTOUR		PROPOSED WELL
	EXISTING TREE LINE		WETLAND MITIGATION AREA
	LOT LINE		WETLAND PRESERVATION AREA
	WETLAND PRESERVATION AREA		STREAM BUFFER AREA


 CIVIL ENGINEERING LAND PLANNING
 SURVEY LANDSCAPE ARCHITECTURE
 SITE SECURITY CONSULTING GIS
 William H. Gordon Associates, Inc.
 301 North Mildred Street, Suite 1 • Charles Town, West Virginia
 Phone (304) 726-8468

EXISTING CONDITIONS PLAT
 LOT 76
 ESTATES AT CREIGHTON FARMS
 SECTION III

INST #: 20061208-0102536
 MCP#: 322-28-9136
 SCALE 1" = 100'



County Of Loudoun
 Division of Environmental Health
 Leesburg, Virginia 20177
 Office (703) 777-0234 Fax (703) 771-5023
 Inspection Request (703) 771-5808



WELL/WATER Permit # T40305480001

Owner Name: LANGHORNE INVESTMENTS LLC	Permit Active Date: 2014-03-31
Owner Name2:	Pin #: 322289136000
Owner Address: 22050 CREIGHTON FARMS DR ALDIE VA 20105-1939	Tax Map #: /90//13////76/
Applicant Name: LANGHORNE INVESTMENTS LLC	Construction Purpose: NEW CONSTRUCTION
Applicant Name2:	Permit Purp: WATER FW
Applicant Address: 22050 CREIGHTON FARMS DR ALDIE VA 20105-1939	Structure Type: RESIDENTIAL SGL FMLY DETACHED
Home Phone:	System Type : IIIB
Subdivision: ESTATES AT CREIGHTON Lot: SEC 3 LOT 76	

Directions to property : Right on Loudoun St. left on King St. continue US-15 (James Monroe Highway) to left on Creighton Farm Dr. (gate access) to lot 76 (22050 Creighton Farms Drive)	
New <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Abandonment <input type="checkbox"/> Upgrade <input type="checkbox"/> Hydrofrack <input type="checkbox"/> Well ID # _____	
Based on the application for a well/water supply system construction permit filed in accordance with Chapter 1040. Codified Ordinances, a construction permit is issued to: LANGHORNE INVESTMENTS LLC	
DESIGN	NOTE: INSPECTION RESULTS
Water supply, existing: (describe) DRILLED WL	Water supply location: Satisfactory yes <input type="checkbox"/> no <input type="checkbox"/>
To be installed: class <u>III</u>	Drillers Report (G.W.2) Received yes <input type="checkbox"/> no <input type="checkbox"/>
Cased and Grouted to Bedrock plus 10' or a minimum	Well Construction Approval yes <input type="checkbox"/> no <input type="checkbox"/>
cased 80' Grouted 80' whichever is greater	Sanitarian _____ Date _____
Well Location. See Page <u>2+3</u>	Well Driller _____ Lic # _____
I. If well yield as determined by 30 minute airlift test is less than 5 gallons per minute, a pumping test must be performed as follows:	Pump Installer _____ Lic # _____
A. Pump and related equipment shall be installed and the static water level measured.	Chemical Quality Data Received yes <input type="checkbox"/> no <input type="checkbox"/> N/A <input type="checkbox"/>
B. Pumping shall begin at a rate of withdrawal greater than 5 GPM until water level drops to a point close to bottom of the well.	Pumping Data Received yes <input type="checkbox"/> no <input type="checkbox"/> N/A <input type="checkbox"/>
C. At this point, the pump rate shall be adjusted so the water level remains constant.	As built sketch on page _____
D. Measure and record the volume of water discharge and water level (electric tape) at 15 minute intervals throughout the test.	Bacteriological Sample Received yes <input type="checkbox"/> no <input type="checkbox"/>
E. Discharge water at least 50 feet from the well and sewage disposal area.	Water System Approved yes <input type="checkbox"/> no <input type="checkbox"/>
F. Interruption of pumping longer than 15 minutes shall require extending the pumping time that amount of time.	Sanitarian _____ Date _____
The well/water system is to be constructed as specified by the permit <input checked="" type="checkbox"/> and attached plans/specifications. _____	II. Criteria for approval of well and well yield are as follows: The well must produce a:
This water system construction permit is null and void if (a) conditions are changed from those shown on the application (b) conditions are changed from those shown on the construction permit.	A. Minimum of 1 gallon per minute for 6 continuous pumping hours after the well has been pumped out according to Part 1, Sec. B of this permit.
	B. The pump test can be terminated early and well yield considered adequate if:
	1. The well cannot be pumped out as stated in Part 1, Sec. B of this permit.
	2. The well yields 2.5 GPM or greater for 3 hours of continuous pumping after Part 1, Sec. B of this permit are completed.
	C. Sufficient storage and yield may be considered for approval.
	D. Person conducting the pump test shall collect a sample to be analyzed for constituents described in Codified Ordinances of Loudoun County Title 4, Chapter 1040, Appendix III.
	E. Replacement wells are exempt from this requirement.
Date: 2014-03-31 Issued By: <i>[Signature]</i>	This Construction Permit Valid Until 2015-03-31
Date: <u>4/1/14</u> Reviewed By: <i>[Signature]</i>	



Environmental Health
Phone: 703 / 777-0234
Fax: 703/771-5023

Loudoun County Health Department

P.O. Box 7000
Leesburg VA 20177-7000



Community Health
Phone: 703/777-0236
Fax: 703/ 771-5393

STATE NOTICE OF ALTERNATIVE ONSITE SEWAGE DISPOSAL SYSTEM

OWNER: LANGHORNE INVESTMENTS, LLC, a Virginia limited liability company
COUNTY: LOUDOUN **ELECTION DISTRICT:** Blue Ridge
PROPERTY DESCRIPTION: Estates at Creighton Farm Lot 76
PARCEL IDENTIFICATION NUMBER (PIN): 322-28-9136
SEPTIC PERMIT NUMBER: T40305480002

TO WHOM IT MAY CONCERN:

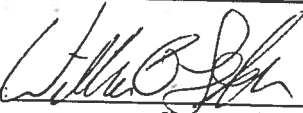
The Loudoun County Health Department, 1 Harrison Street, S.E., Leesburg, Virginia 20175, has approved an alternative onsite sewage disposal system ("Alternative System") for use for the property identified above as long as such Alternative System is properly operated, maintained, and performs in accordance with the *Regulations for Alternative Onsite Sewage Systems* (12VACS-613-10 et seq.), as amended, and Chapter 1067 of the Codified Ordinances of Loudoun County, as amended. The Alternative System approved for the above-identified property has components that are described as follows:
 MicroFAST 0.75 ATU with the treated effluent pumped to an in-ground trench sewage dispersal system

The Permit identified above is issued in accordance with the provisions of Title 32.1, Chapter 6 of the *Code of Virginia*, as amended, and 12VACS-610-340 of the *Sewage Handling and Disposal Regulations* of the Virginia Department of Health, as amended. The continued validity of this Permit is contingent upon compliance with the operations and maintenance requirements contained in the *Regulations for Alternative Onsite Sewage Systems* of the Virginia Department of Health (12VACS-613-10 et seq.), as amended, and Chapter 1067 of the Codified Ordinances of Loudoun County, as amended. The Owner(s) of the property identified above is advised to be aware of the operation and maintenance instructions for the Alternative System and to follow them. Copies of the operation and maintenance instructions can be found by contacting the Loudoun County Health Department.

Title 15.2-2157 of the *Code of Virginia* requires you to record in the land records a reference to the applicable maintenance regulations for each component of the Alternative System, which shall be transferred with the title to the property upon its sale or transfer. Before the Permit for the Alternative System will be issued, you must record this Notice in the land records of the Clerk of the Circuit Court of Loudoun County. You must furnish to the Loudoun County Health Department certification from the Clerk of the Circuit Court showing the deed book number and page (or instrument number) upon which this Notice was recorded. This notice must be indexed in the grantor index under your name in the land records.

I have read and understand this State Notice of Alternative Onsite Sewage Disposal System.

OWNER: LANGHORNE INVESTMENTS, LLC, a Virginia limited liability company

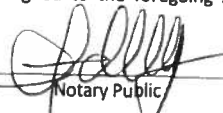
By:  (SEAL)
 Name (Printed) William A. Langhorne
 Title: President



COMMONWEALTH OF VIRGINIA
 COUNTY OF Loudoun, To-wit:

I, the undersigned Notary Public, in and for the jurisdiction aforesaid, do hereby certify that William A. Langhorne as President of Langhorne Investments LLC whose name is signed to the foregoing Agreement, appeared before me and personally acknowledged the same in my jurisdiction aforesaid.

GIVEN under my hand and seal this 9th day of August, 2016
 My commission expires: 10/31/2016
 Registration Number: 7379115


 Notary Public



20160809-0050915
 Loudoun County, VA Pgs: 1
 08/09/2016 10:53:47AM
 Gary M. Clemens, Clerk



pd 5/2/14
CK # 1046

NORTHERN VIRGINIA DRILLING, INC.
11356 Industrial Road
Manassas, VA 20109
7035942081

Invoice

Date	Invoice #
4/21/2014	24438

Bill To
WILLIAM LANGHORNE 18899 SHROPSHIRE CT LEESBURG VA 20176

P.O. No	Terms	Rep	Job Location
	DUE UPON RECE...	RLM	CREIGHTON FARMS - LOT 76

Quantity	Description	Rate	Class	Amount
600	Well Capacity: 20 GPM	9.50	Loudoun County	5,700.00
74	6-5/8 steel well casing-W	12.00	Loudoun County	888.00
	Bentonite Grout			500.00
5	Benseal	25.00	Loudoun County	125.00
1	WTCC6 Well Cap 6-5/8" x 1"	45.00	Loudoun County	45.00
35	36x100' w stake silt fence	2.00	Loudoun County	70.00
1	Permits	652.00	Loudoun County	652.00
1	Deposit Received on 3/25/14 CK# 1019	-2,500.00	Loudoun County	-2,500.00
BILLING FOR WATER WELL			Total	55,480.00

Permit #: T40305480001
Pin #: 322289136000
Tax Map #: 190/113/1176/
Owner: LANGHORNE INVESTMENTS LLC
Issue date: 2014-03-31

Planimetric



SEWAGE DISPOSAL CONSTRUCTION PERMIT

The system is designed for a _____ bedroom house with a maximum use of _____ gallons per day.
Required source capacity _____ gallons per day.



WATER SUPPLY CONSTRUCTION PERMIT - Drilled Well

Class IIb Private: minimum case depth 60 and grout depth 60

Class IIc Private: minimum case and grout = 20 feet, or bedrock + 10 feet, whichever is greater

Class IIb Other :

Note : Satisfactory bacteriological sample required prior to occupancy or well use.

PLANIMETRIC MAP # _____ SCALE : 1" = 200'

LOUDOUN COUNTY PHOTOGRAMMETRIC BASE MAPS ARE STRICTLY PROTECTED BY COPYRIGHT; REPRODUCTION OF THESE MATERIALS IS STRICTLY PROHIBITED BY FEDERAL LAW.

(map not to scale)

