

LAYOUT 8/22/2012 INSP 4 9/27/2012  
 INSP 2 9/11/2012 INSP 5 \_\_\_\_\_  
 INSP 3 9/25/2012 INSP 6 \_\_\_\_\_

ISSUE DATE: 8/2/12  
 APPROVAL DATE: 10/2/12

# PERMIT

P 538022  
 A 527327

Tax ID # 05-450683

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH**

South Carroll Backhoe IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_  
 SUBDIVISION: Lime Kiln Valley LOT NUMBER: 18  
 ADDRESS: 12863 Lime Kiln Road PROPERTY OWNER: NVR Inc.

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED   
 PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED   
 NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2  
 SQUARE FOOTAGE OF HOUSE: 7,714  
 LINEAR FEET OF TRENCH REQUIRED: 138.33

*Trenches 3' Wide  
 Inlet 4.5'  
 Bottom 6.5'  
 2x65'*

TRENCHES:	Trenches to be 3.0 feet wide. Inlet is at 3.0 feet below original grade with 2.0 feet of stone below the distribution pipe. Bottom maximum depth is 5.0 feet below original grade. Effective sidewall begins at 4.0 feet below original grade. Maintain at least 9.0 feet of spacing between trenches.
LOCATION:	Set septic tank per layout inspection. Set distribution box at the highest point of the easement near percolation hole 16E1. Install 138.33 feet of trench on contour per layout inspection.
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Dana Bernard DATE: 3/21/12

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
 CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

**TRENCH/DRAINFIELD DATA**

WIDTH 3 INLET 4.5 BOTTOM 6.5

NUMBER OF TRENCHES 2

TOTAL LENGTH 130'

ABSORPTION AREA 390+Sidewall

DISTRIBUTION BOX LEVEL Yes

DISTRIBUTION BOX BAFFLE Elbow

DISTRIBUTION BOX PORT Yes

See As-Built Drawing  
On Separate Sheet

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Babylon

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 1.5'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front+Rear

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED Yes

DATE ON LID 7-28-12

PUMP/SEPTIC TANK LEVEL Yes

MANUFACTURER Babylon

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 1.5'

BAFFLES Front

BAFFLE FILTER No

MANHOLE LOC Rear

6" PORT LOC Front

WATERTIGHT TEST No

SLOTTED no

DATE ON LID N/A

ROAD NAME

**PRE-CONSTRUCTION:**

8/22/2012 Set the tanks parallel to the easement and 20' off the house. Place the dist. box near the top middle of the easement and install two 65' trenches on contour towards the house. Fill must be removed from the top of the easement. (BB)

INSTALLATION: 9/11/12 S&C made. Septic tanks set. waiting on pump tank. close corner of SRA missing. stake SRA and drive way. Well

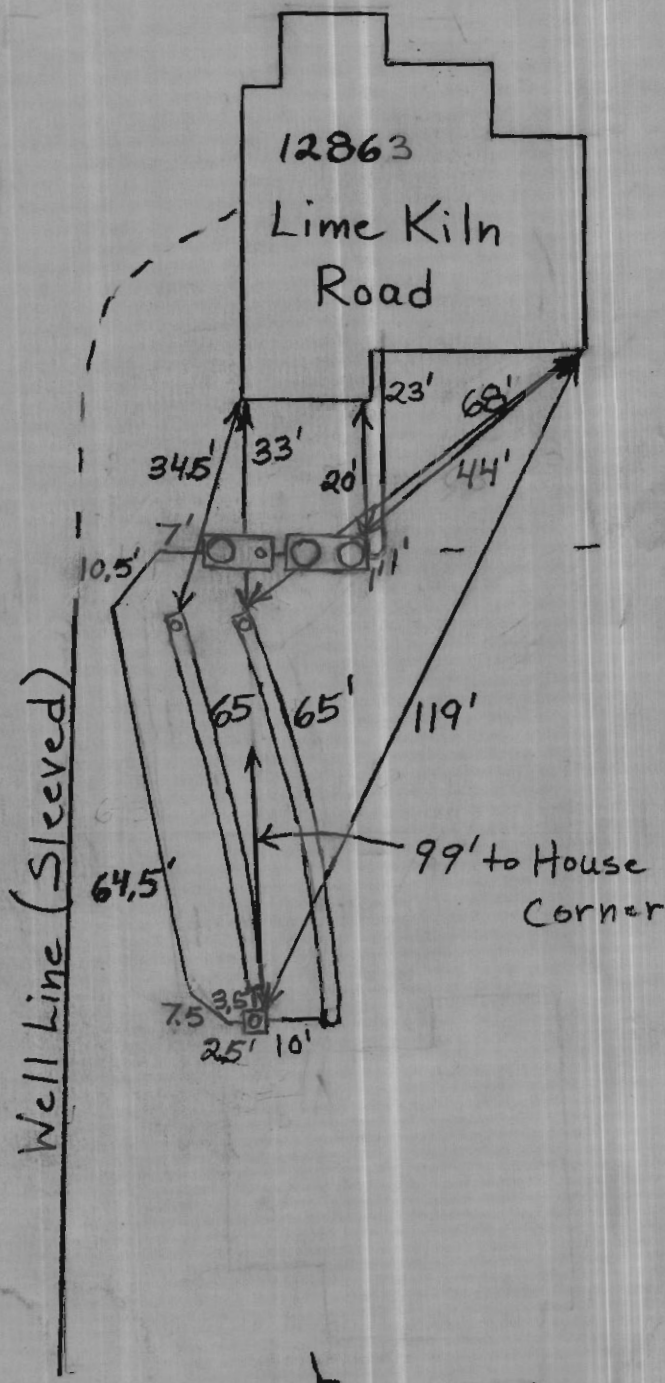
line will need to be steered within 10' of force main or SRA. (KJ)

9/25/12 Install Dbox box near top center of SAA area, Install 2x65' trenches on center running back towards house. Stay 8' or so removed from tanks w/ trenches. Call for Insp. (KJ)

9/27/2012 System finished except for pump and alarm test. (BB)

10/9/12 P/A test successful.

FINAL INSPECTOR K. Way DATE OF APPROVAL 10/9/12



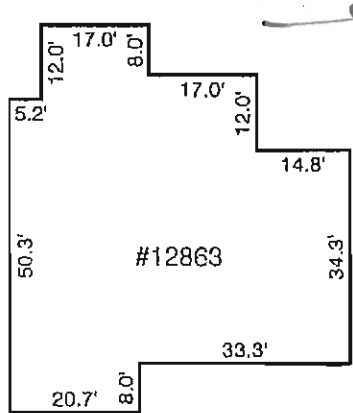
- NOTES:
1. THIS PLAT IS A BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING PURPOSES. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE STRUCTURES. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR FOR SECURING FINANCING OR REFINANCING.
  2. THE +/- SETBACK ACCURACY IS 1 FOOT.
  3. THIS PLAN OR PLAT IS NOT INTENDED TO SHOW ALL MATTERS RELATED TO THE PROPERTY SHOWN HEREON.

WALL CHECK: 07-17-12  
TOP OF WALL ELEV. = 398.0'

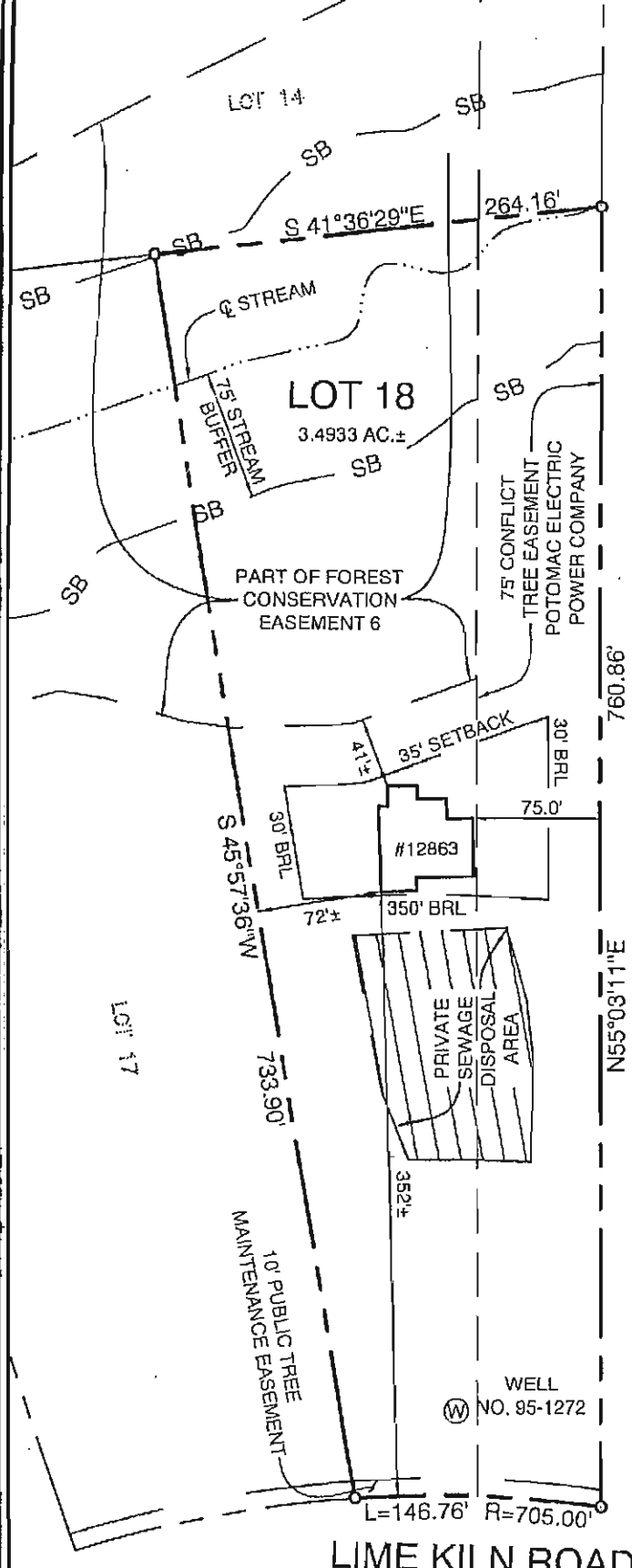
Not to Scale

Wall check  
8-2-12 HS

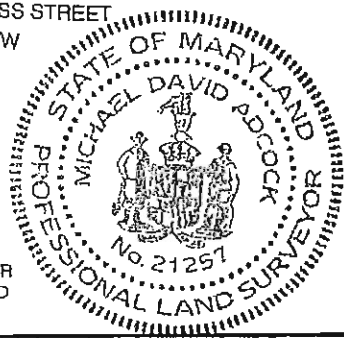
House Moved Slightly



DETAIL  
SCALE: 1"=30'



LIME KILN ROAD  
PUBLIC ACCESS STREET  
50' RW



LOCATION DRAWING  
12863 LIME KILN ROAD  
LOT 18  
**LIME KILN VALLEY**  
PHASE I & II  
ELECTION DISTRICT NO. 5  
HOWARD COUNTY, MARYLAND

THIS LOT DOES NOT APPEAR TO LIE WITHIN THE 100 YEAR FLOOD PLAIN AS SHOWN ON THE F.E.M.A. FLOOD HAZARD MAP 240044-0037-B AS REVISED DECEMBER 4, 1986.

**CERTIFICATION**  
I HEREBY CERTIFY THAT I WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS LOCATION DRAWING AND THE SURVEY WORK REFLECTED IN IT, IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN THE CODE OF MARYLAND TITLE 9, SUBTITLE 13, CHAPTER 06, REGULATION 12, AND THE POSITION OF EXISTING IMPROVEMENTS AS SHOWN HEREON, ARE CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Michael D. Adcock*  
MICHAEL D. ADCOCK  
PROFESSIONAL LAND SURVEYOR  
NO. 21257, EXPIRATION DATE: 08-16-2013

**Sill · Adcock & Associates · LLC**

Engineers · Surveyors · Planners  
3300 North Ridge Road, Suite 160  
Ellicott City, Maryland 21043  
Phone: 443.325.7682 Fax: 443.325.7685

REFERENCE:	PLAT NO. 19735
DATE:	JULY 18, 2012
SCALE:	1"=100'
FILE NO.:	paul, 1:1 10-041