

LAYOUT 1/14/2011 (AM) INSP 4 \_\_\_\_\_  
INSP 2 1/14/2011 (PM) INSP 5 \_\_\_\_\_  
INSP 3 1/16/2011 INSP 6 \_\_\_\_\_

ISSUE DATE: 1-19-11

# PERMIT

P 534449

APPROVAL DATE: 3/2/2011

A \_\_\_\_\_

Tax ID # 05-450608

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

South Carroll Backhoe

IS PERMITTED TO

INSTALL  ALTER

ADDRESS: 4410 Salem Bottom Rd MD 21157 PHONE NUMBER: 410-875-4197

SUBDIVISION: Lime Kiln Valley LOT NUMBER: 10

ADDRESS: 12815 Lime Kiln Road PROPERTY OWNER: NVR Inc.

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 APPLICATION RATE: 0.6

SQUARE FOOTAGE OF HOUSE: Unkwn 5'-9'

LINEAR FEET OF TRENCH REQUIRED: ~~258.33~~ 225'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at <u>2.0</u> feet below original grade with 2.0 feet of stone below distribution pipe. <u>6.5'</u>
LOCATION:	Set pump tank per layout inspection. Set distribution box per layout inspection. Distribution box should be installed at the center of easement at the highest point closest to house. Install 129 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: 10/06/10

- 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

See As-Built Drawing  
On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 2 INLET 5' BOTTOM 9'  
NUMBER OF TRENCHES 3  
TOTAL LENGTH 225'  
ABSORPTION AREA ~788  
DISTRIBUTION BOX LEVEL Levelers  
DISTRIBUTION BOX BAFFLE Yes  
DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes  
MANUFACTURER Babylon  
CAPACITY 2000 GAL  
SEAM LOC Top  
TANK LID DEPTH 1'-1.5'  
BAFFLES Yes  
BAFFLE FILTER No  
MANHOLE LOC Front+Rear  
6" PORT LOC None  
WATERTIGHT TEST No  
SLOTTED Yes  
DATE ON LID Dry

~~PUMP/SEPTIC TANK LEVEL N/A~~

~~MANUFACTURER \_\_\_\_\_  
CAPACITY \_\_\_\_\_ GAL  
SEAM LOC \_\_\_\_\_  
TANK LID DEPTH \_\_\_\_\_  
BAFFLES \_\_\_\_\_  
BAFFLE FILTER \_\_\_\_\_  
MANHOLE LOC \_\_\_\_\_  
6" PORT LOC \_\_\_\_\_  
WATERTIGHT TEST \_\_\_\_\_  
SLOTTED \_\_\_\_\_  
DATE ON LID \_\_\_\_\_~~

PRE-CONSTRUCTION:

1/14/2011 Trenches laid out. Had to change trench  
specs, clay down to 6'-7'. (BB)

INSTALLATION:

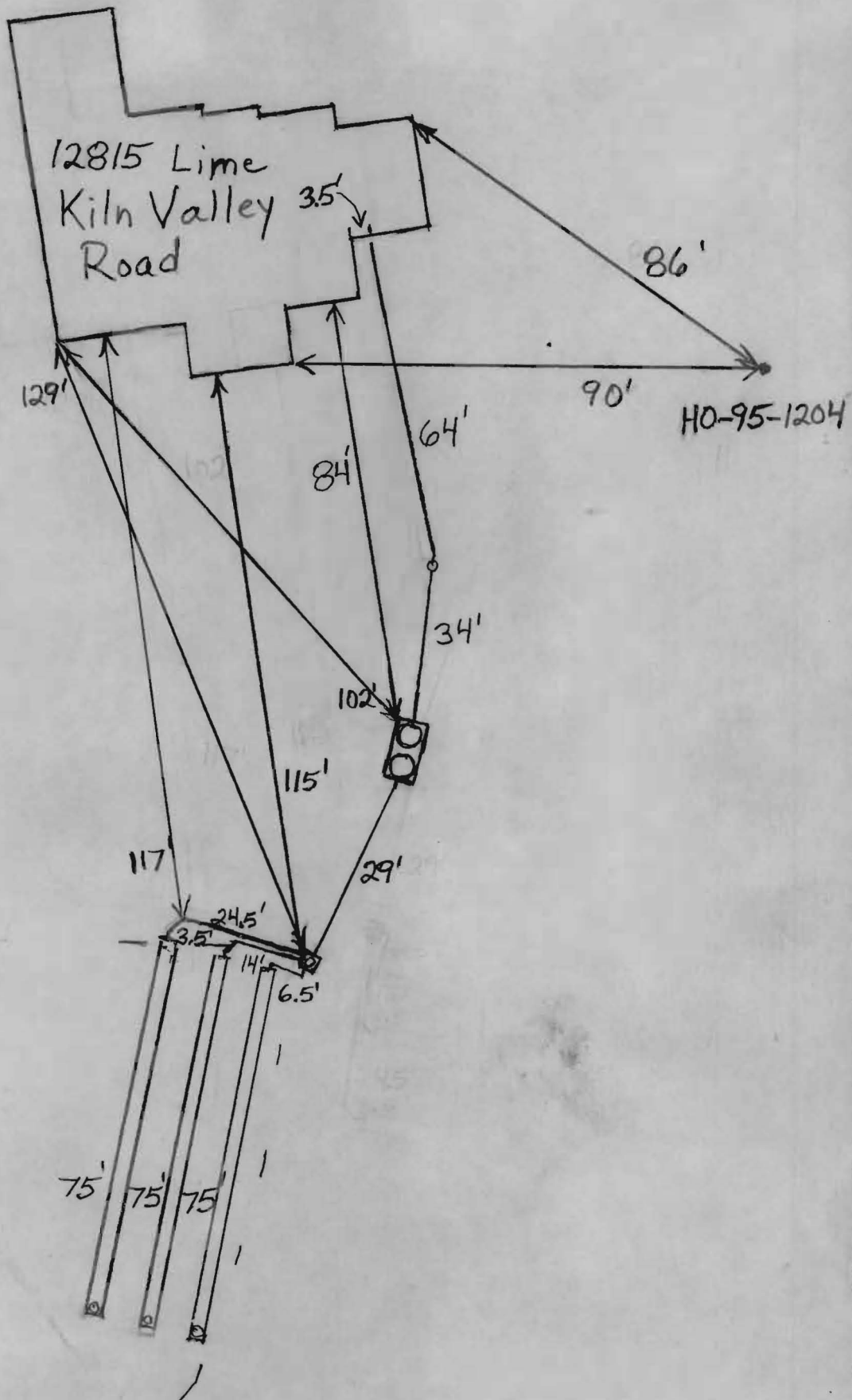
1/14/2011 Need house connection. Tank installed. (BB)  
1/16/2011 System finished except for house connection.  
Contractor was supposed to install dist. box in the  
basement and run trenches towards house. (BB)

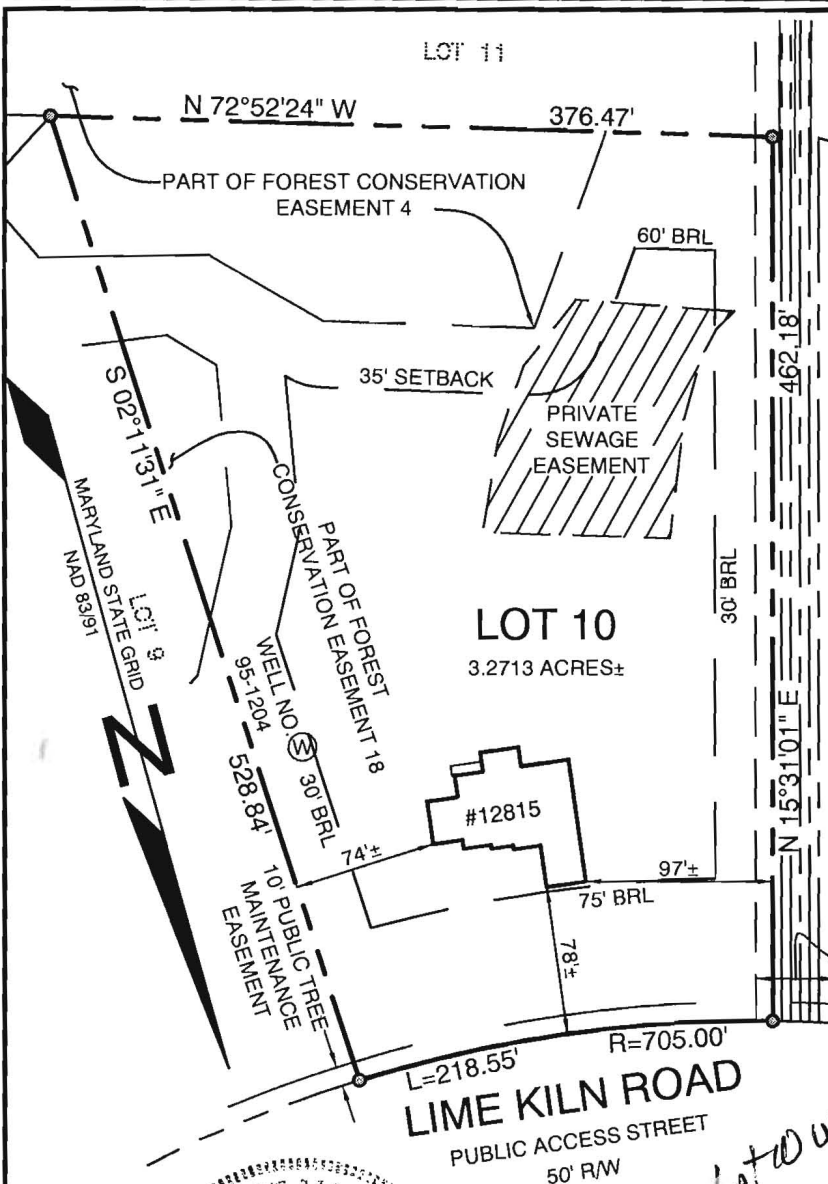
FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

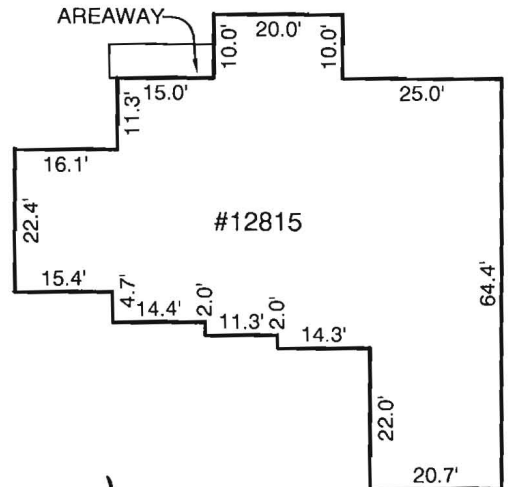
3/2/2011





- 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: 12-14-10  
TOP OF WALL ELEV.= 410.0'



*lot to wall check 'ok' reb 4/9/10*

DETAIL  
SCALE: 1"=30'



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.

LOCATION SURVEY  
12815 LIME KILN ROAD  
LOT 10  
**LIME KILN VALLEY**  
PHASE I & II  
ELECTION DISTRICT NO. 5  
HOWARD COUNTY, MARYLAND

CERTIFICATION

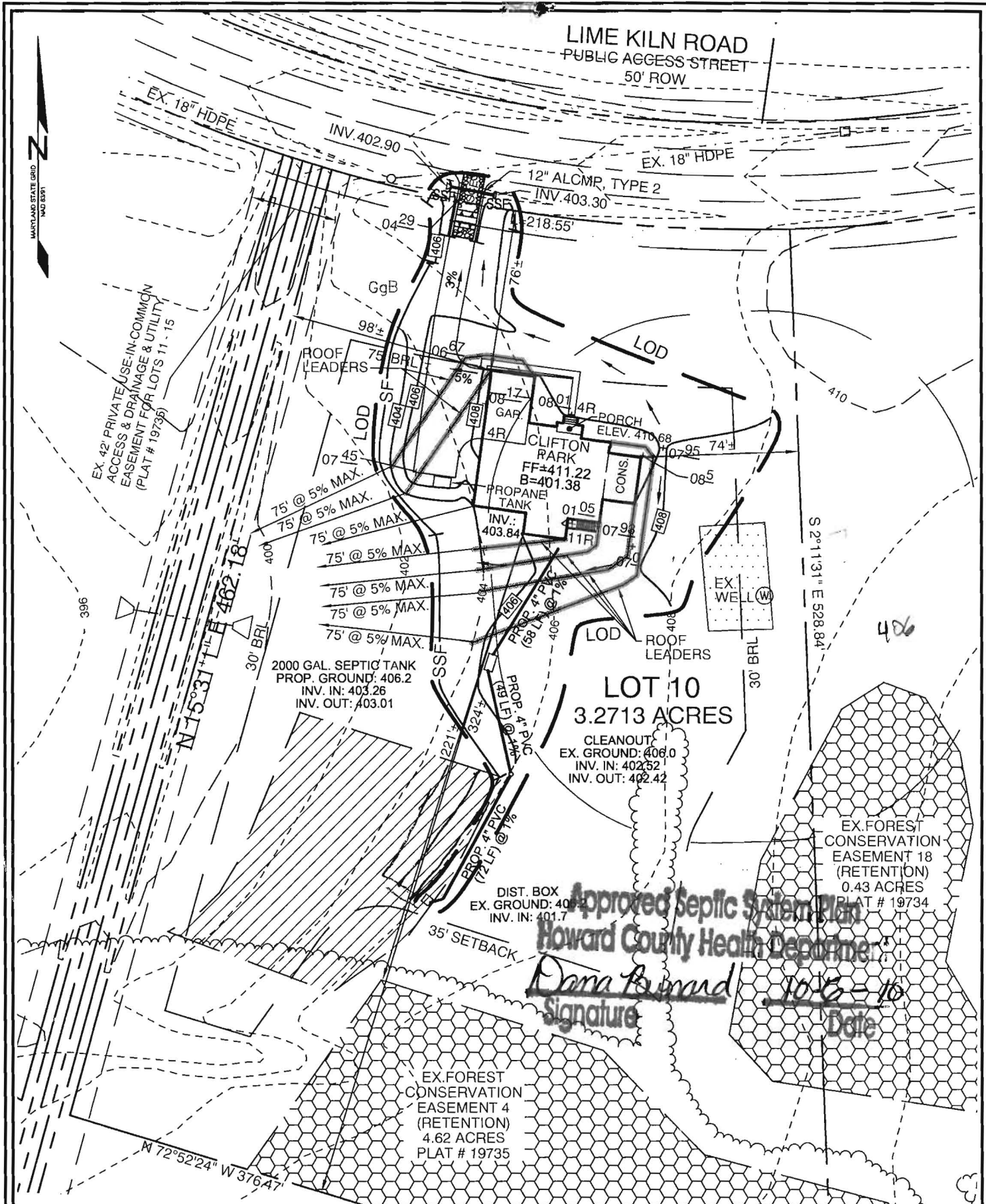
I HEREBY CERTIFY THAT I WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS LOCATION DRAWING AND THE SURVEY WORK REFLECTED IN IT, IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN THE CODE OF MARYLAND TITLE 9, SUBTITLE 13, CHAPTER 06, REGULATION 12, AND THE POSITION OF EXISTING IMPROVEMENTS AS SHOWN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

*Michael D. Adcock*  
MICHAEL D. ADCOCK  
PROFESSIONAL LAND SURVEYOR, NO. 21257

**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  
Email: mike@saaland.com

REFERENCE:	PLAT NO. 19735
DATE:	DECEMBER 20, 2010
SCALE:	1"=100'
FILE NO.:	10-041



Approved Septic System Plan  
 Howard County Health Department

*Dana Bernard*  
 Signature

10-15-10  
 Date

# 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  
 Email: info@saaland.com

**DEVELOPER**  
 NV HOMES  
 6085 MARSHALEE DRIVE, SUITE 130  
 ELKRIDGE, MARYLAND 21075  
 (410) 379-5956

**OWNER**  
 MAPLE ESTATES, LC  
 6820 ELM STREET, SUITE 200  
 MCLEAN, VIRGINIA 22101  
 (703) 734-9730

NOTE: 1) DRIVEWAY RUNOFF WILL BE TREATED BY THE EXISTING MICRO-POOL FACILITY. STORMWATER MANAGEMENT FOR THE HOUSE ON THIS LOT IS WILL BE SATISFIED BY ROOFTOP DISCONNECTION.  
 2) DISTURBED AREA = 28, 585 SQ.FT.  
 3) DRIVEWAY AREA = 2,513 SQ.FT.

DESIGN BY:     SJT      
 DRAWN BY:     SJT      
 CHECKED BY:     PS      
 SCALE:     1"=60'      
 DATE: SEPTEMBER 15, 2010  
 PROJECT #:     10-041      
 SHEET #:     1     OF     1    

## HOUSE SITE LIME KILN VALLEY II LOT 10 12815 LIME KILN ROAD

TAX MAPS 40 & 45 GRIDS 21 & 4  
 FIFTH ELECTION DISTRICT

PARCELS 114 & 12  
 HOWARD COUNTY, MARYLAND