

LAYOUT 6/6/11 INSP 4 _____
 INSP 2 6/16/11 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: _____

PERMIT

P 535197

APPROVAL DATE: 6/17/2011

A _____

Tax ID # 05-450616

**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 Westminster, MD PHONE NUMBER: 4105963018

SUBDIVISION: Lime Kiln Valley LOT NUMBER: 11

ADDRESS: 12821 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: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: 6000 Trenches 3' Wide
 Inlet 5' ⇒ 01' (KW)

LINEAR FEET OF TRENCH REQUIRED: ~250 208' Bottom 8'

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.5 feet below original grade with 4.0 feet of stone below distribution pipe.
LOCATION:	Observe setbacks; maintain appropriate grade; gravity flow apparent. Set septic tank per plan. Set distribution box at center of uppermost septic reserve boundary. Install 5 x 50' trenches on contour. Separate trenches at least 6 feet wall to wall. *Caution: observe marked forest conservation boundary when operating equipment.
NOTES:	Do not 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: Robert Bricker DATE: 3/22/11

- 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	INLET	BOTTOM
3'	5'	8'
NUMBER OF TRENCHES		4
TOTAL LENGTH		157'
ABSORPTION AREA		471' + SW
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	1.5-2'
BAFFLES	Yes
BAFFLE FILTER	N/A
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:

6/6/11 Took a look @ the site. Need to clear out trees and shrubs in SPA prior to giving layout. OK to set out. Keep 10' from ex well. (KB)

INSTALLATION: 6/16/11 Tank set 107' from ex well. All trenches complete and installed per layout. D box leveled. plumbing from house to tank and tank to D box not installed. Equipment back down. OK to cover trenches only! (KB)

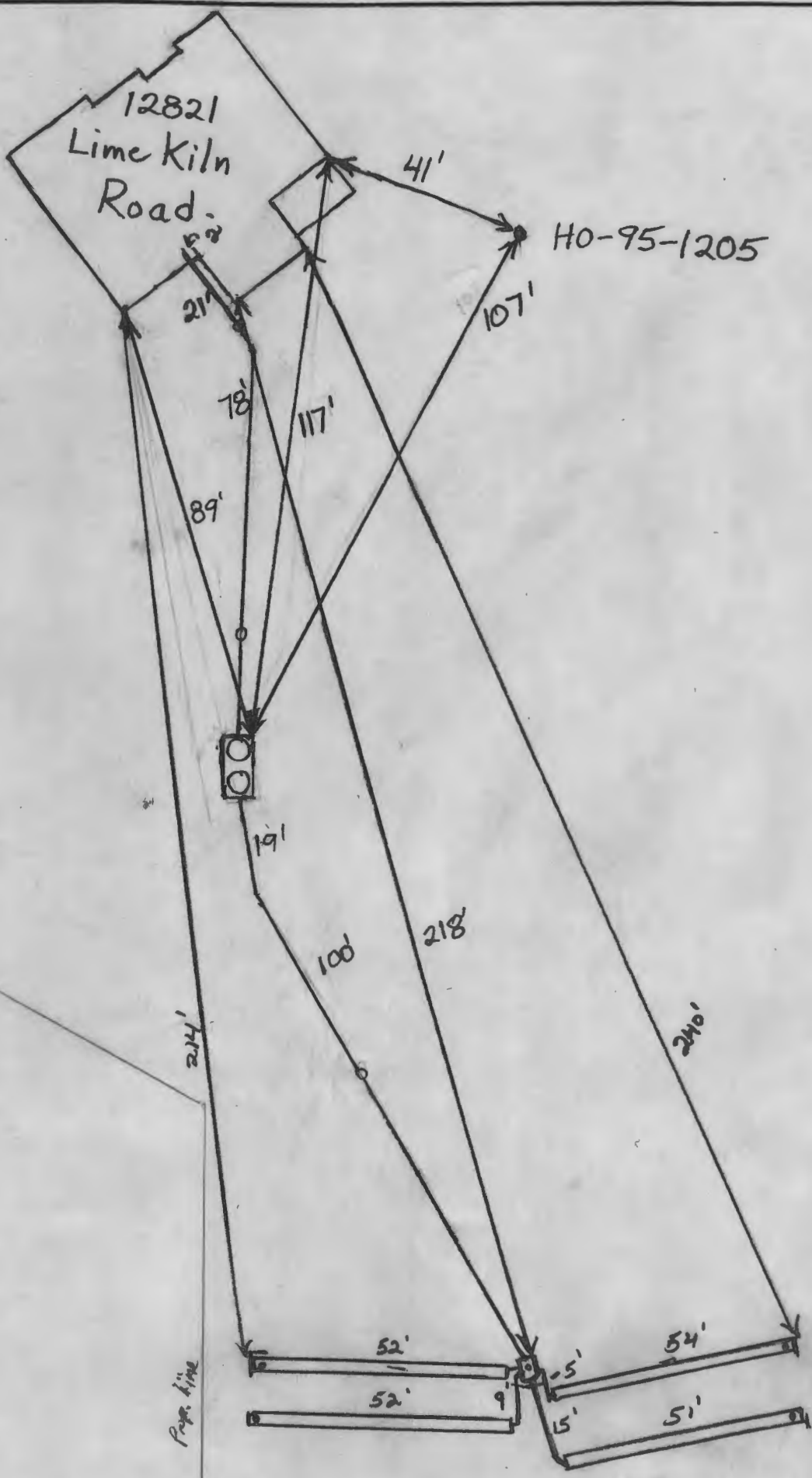
6/17/2011 System finished. (KB)

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

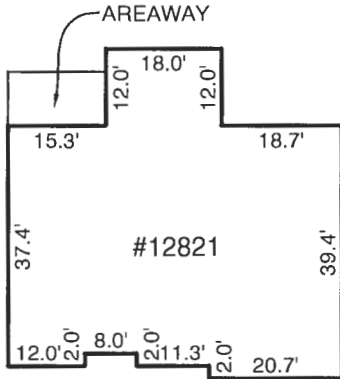
6/17/2011



Wall Check
OK 5-12-11 HS

LIME KILN VALLEY
PHASE I & II
LOT 45
PLAT NO. 21533

LIME KILN VALLEY
PHASE I & II
LOT 46
PLAT NO. 21533

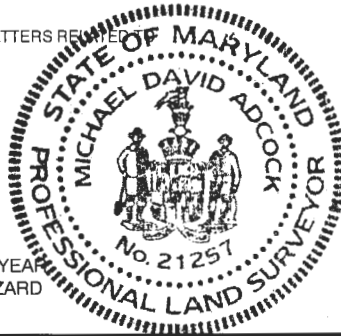


NOTES:

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 RELATIVE TO THE PROPERTY SHOWN HEREON.

WALL CHECK: 04-11-11
TOP OF WALL ELEV. = 411.3'

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

**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:

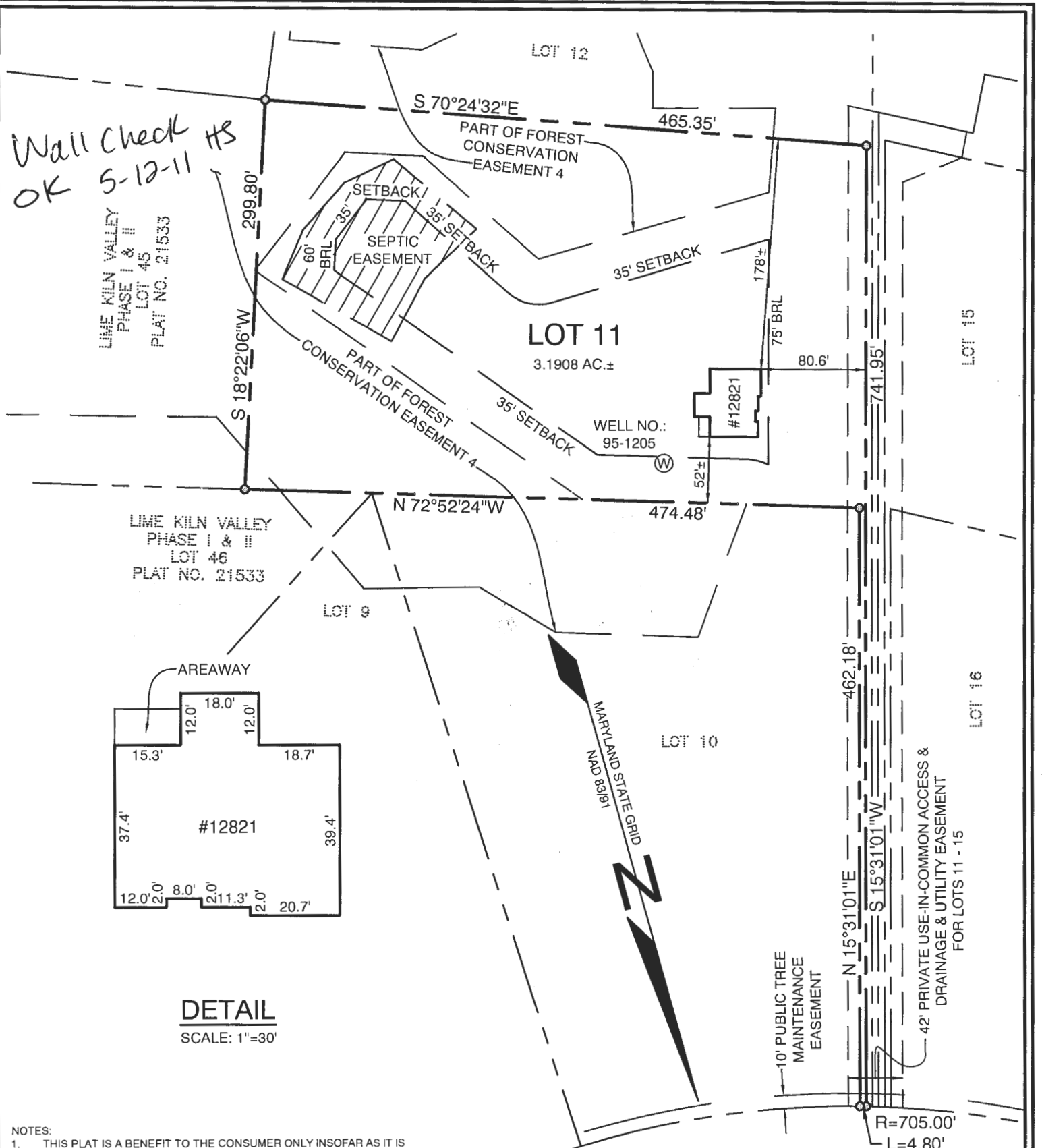
APRIL 12, 2011

SCALE:

1"=100'

FILE NO.:

10-041



LIME KILN ROAD

PUBLIC ACCESS STREET
50' R/W

**LOCATION DRAWING
12821 LIME KILN ROAD
LOT 11**

LIME KILN VALLEY

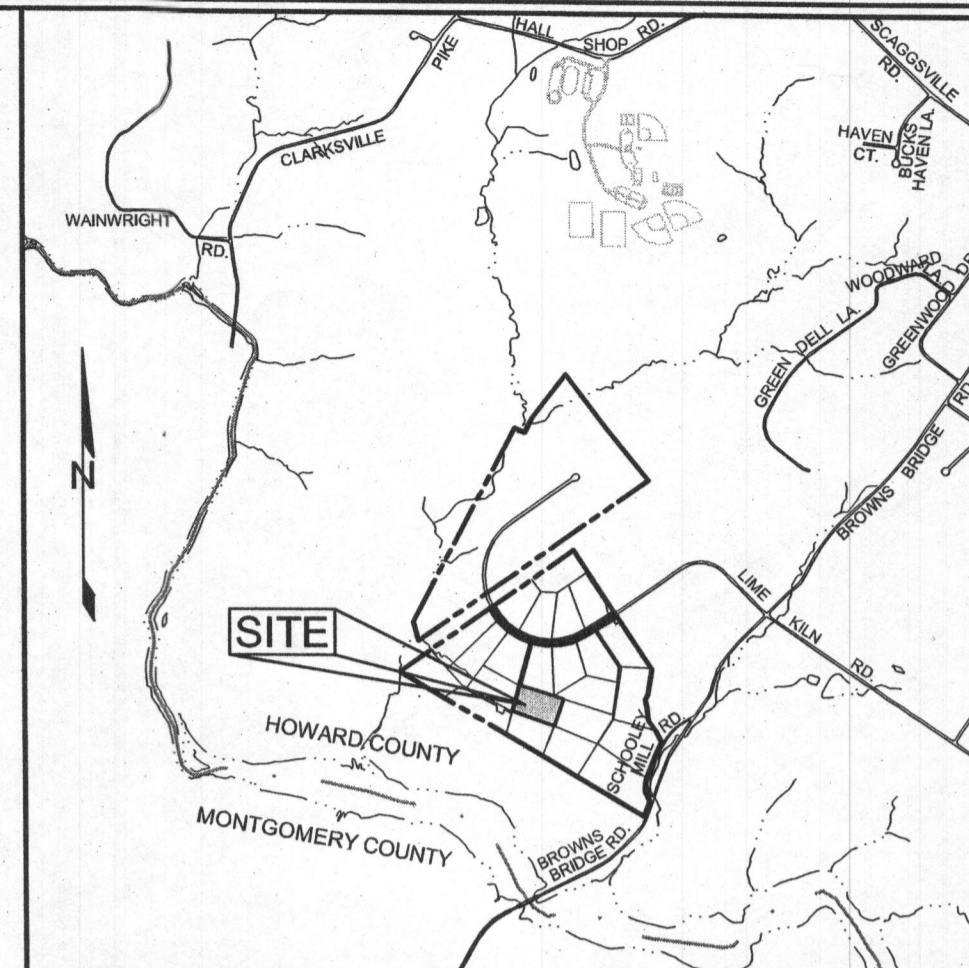
PHASE I & II
ELECTION DISTRICT NO. 5
HOWARD COUNTY, MARYLAND

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	GROUP
GgB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	B
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B

LIME KILN ROAD
PUBLIC ACCESS STREET
50' ROW
R=705.00' L=4.79'

LEGEND

- EXISTING CONTOUR 382
- PROPOSED CONTOUR 382
- EXISTING SPOT ELEVATION 382.3
- PROPOSED SPOT ELEVATION +82.53
- DIRECTION OF FLOW
- EXISTING TREELINE
- EXISTING PERCOLATION TEST HOLE, PASSED MF BR11A
- SOIL BOUNDARY



VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

1. SUBJECT PROPERTY ZONED RR-DEO PER 02/02/04 COMPREHENSIVE ZONING PLAN.
2. TOTAL AREA OF LOT = 3.1908 AC±.
3. PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
4. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT, OF AT LEAST 10,000 SF AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
5. BOUNDARY SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PREPARED ROBERT H. VOGEL ENGINEERING, INC., DATED AUGUST 2005.
6. TOPOGRAPHY IS BASED ON A FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY SILL, ADCOCK & ASSOCIATES, LLC DATED SEPTEMBER 2010.
7. PROPERTY ADDRESS: 12821 LIME KILN ROAD.
8. DEED REFERENCE: LIBER 12581, FOLIO 00082.
9. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
10. THE EXISTING WELLS SHOWN ON THIS PLAN, WELL TAG #95-1205, #95-1206, AND #95-1269 HAVE BEEN FIELD LOCATED BY SILL, ADCOCK & ASSOCIATES, LLC IN SEPTEMBER 2010 AND ARE ACCURATELY SHOWN.
11. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED FOREST CONSERVATION EASEMENT AREAS.
12. THERE ARE NO FLOODPLAINS, WETLANDS, STREAMS, OR THEIR BUFFERS, HISTORIC STRUCTURES OR CEMETERIES LOCATED ON-SITE.
13. FOREST CONSERVATION HAS BEEN PROVIDED FOR THIS LOT UNDER F-06-107.
14. DENOTES PUBLIC FOREST CONSERVATION EASEMENT. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENTS ARE ALLOWED.
15. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
16. ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN-GRADE OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS HAVE BEEN FIELD LOCATED.
17. PERC HOLE LOCATIONS AND ELEVATIONS SHOWN BASED ON PERCOLATION CERTIFICATION PLAN SIGNED ON OCTOBER 1, 2007.
18. THE PURPOSE OF THIS AMENDED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE LOCATION OF THE WELL BOX ON LOT 11.

LOT 16

LIME KILN VALLEY,
PHASE I & II,
PLAT #18732-18738
ZONED RR-DEO

LOT 9

LOT 10

LOT 7

LOT 15

Approved Septic System Plan
Howard County Health Department
3-10-11
4 BR

LOT 11
3.1908 ACRES

LOT 8

DEVELOPER

NV HOMES
6085 MARSHALEE DRIVE, SUITE 130
ELKRIDGE, MARYLAND 21075
410.379.5956

OWNER

MAPLE ESTATES, LC
5074 DORSEY HALL DRIVE, SUITE 205
ELLCOTT CITY, MARYLAND 21042
410-720-3021

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Approved by Peter Bielewicz 3/16/2011
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

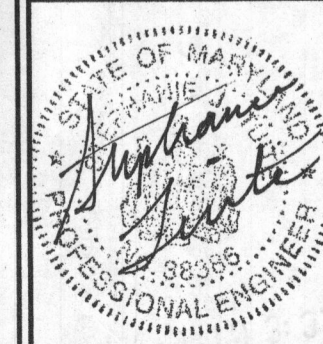
AMENDED PERCOLATION CERTIFICATION PLAN

LIME KILN VALLEY, PHASE I & II

LOT 11
12821 LIME KILN ROAD

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

PARCELS 114 & 12
HOWARD COUNTY, MARYLAND



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

DESIGN BY: SJT
DRAWN BY: SJT
CHECKED BY: PS
SCALE: 1"=50'
DATE: MARCH 9, 2011
PROJECT #: 10-041
SHEET #: 1 of 1

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 38386, EXPIRATION DATE: JANUARY 12, 2012