

LAYOUT 12/5/08 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 11/7/08

APPROVAL DATE: 12/9/08

# PERMIT

*(log sealed)  
Pgt (5 m)*

P 530229-8  
A 519584

TAX ID # **05450586**

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

R Calvin Thomas Excavators, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 5186 Norrisville Rd, White Hall PHONE NUMBER: 410-692-2525  
21161

SUBDIVISION: Lime Kiln Valley II LOT NUMBER: 8

ADDRESS: 12803 Lime Kiln Rd PROPERTY OWNER: NVR Inc.

SEPTIC TANK CAPACITY (GALLONS): 2,000 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: 165

*70  
55  
155*

TRENCHES:	Trench to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 6.0 feet below original grade. 3.5 feet of stone below distribution pipe.
LOCATION:	Install 3x55' trenches on contour
NOTES:	Layout inspection required prior to installation. Install system per plan unless otherwise directed by HCHD.

PLANS APPROVED: Heidi Scott DATE: 8/25/08

- 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 UNLESS SPECIFICALLY AUTHORIZED

**NEITHER THE HOWARD COUNTY COUNCIL NOR 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 Seperate sheet for As Built*

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
<u>2'</u>	<u>4'</u>	<u>8'</u>
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>155'</u>		
ABSORPTION AREA <u>310 + SW</u>		
DISTRIBUTION BOX LEVEL <u>Level 102</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER MD. Concrete

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 2.5'

BAFFLES Yes

BAFFLE FILTER —

MANHOLE LOC East/Rear

6" PORT LOC None

WATERTIGHT TEST —

SLOTTED Yes

**PUMP/SEPTIC TANK LEVEL**

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

**PRE-CONSTRUCTION**

12/5/08 Keep Tank  
20' from dwelling.  
 Install a 70' old  
85' trenches on center.  
 Trenches to be 8' deep. (10)

INSTALLATION: 12/7/08 System complete. OK to bank fill (K) (10)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 12/9/08

Lime Kiln Rd.

H0-95-1202

85'

80'

NOT TO SCALE

12803 Lime Kiln Rd.

lot 8

Prop. Drive

79'

120'

18'

34'

23'

3'

9'

32'

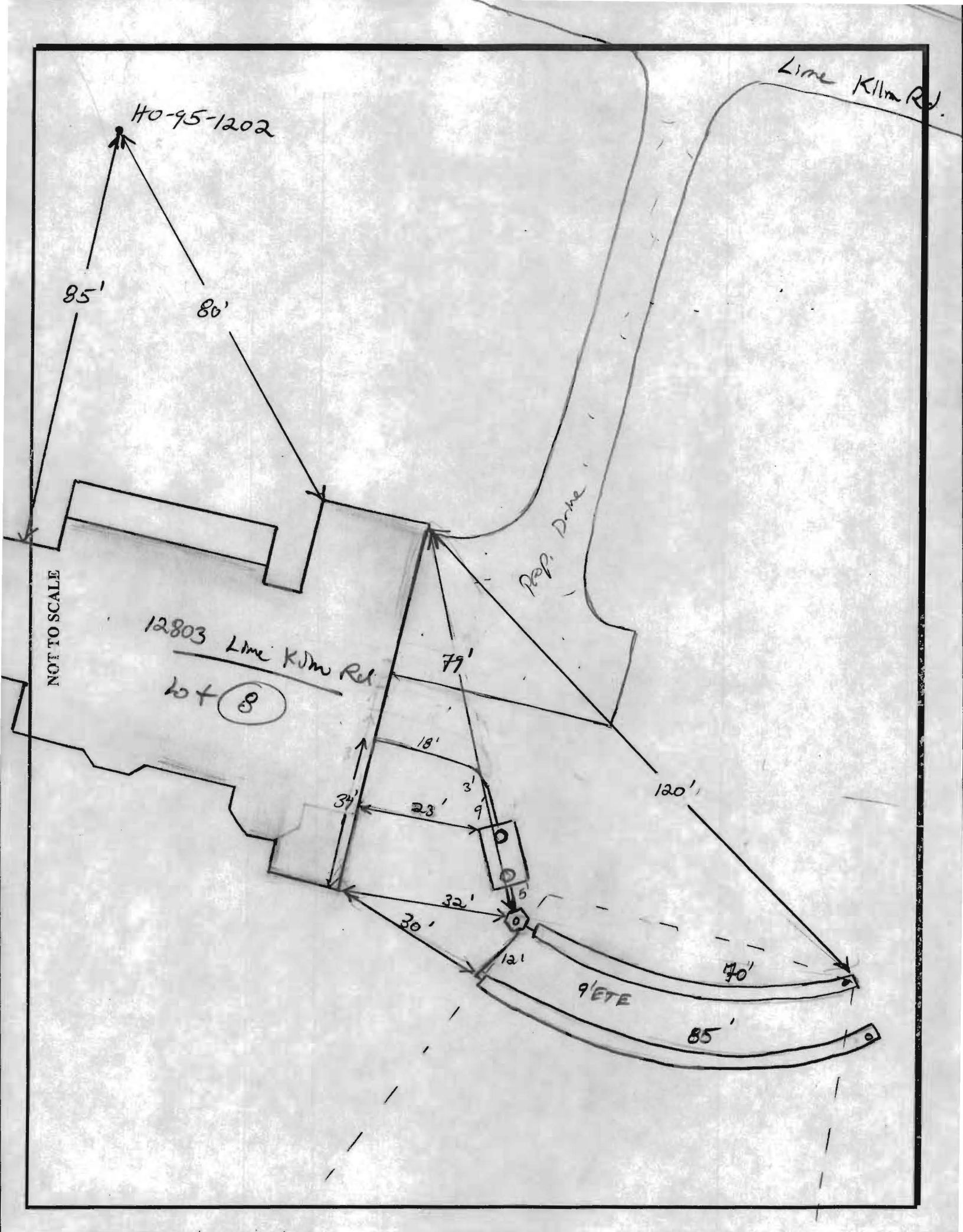
30'

12'

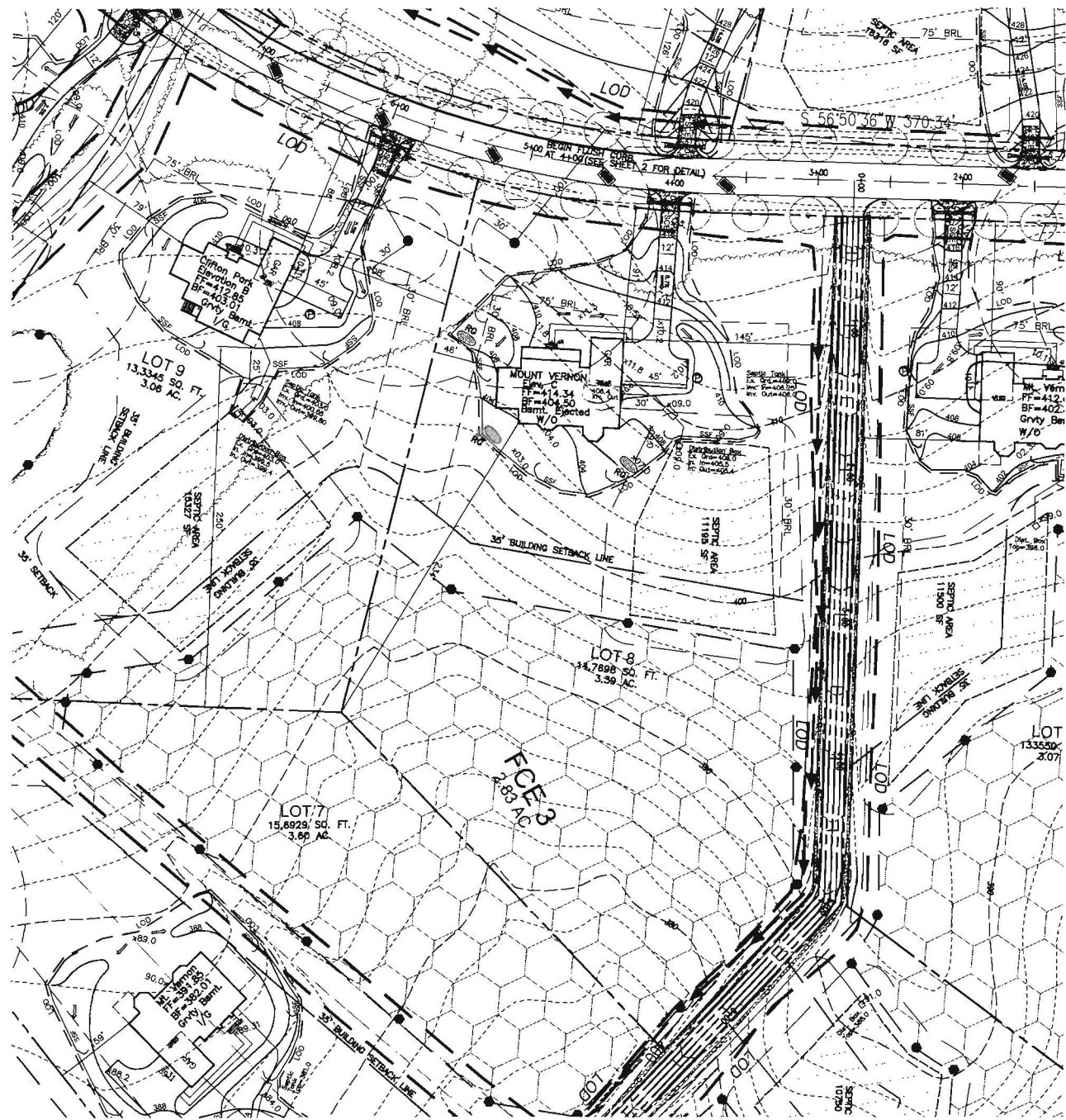
40'

9' ETE

85'



C:\Users\jva\Documents\Projects\Resite\Lot 8 3008000.dwg, 8/17/2008 9:15:01 AM



2'

THE EXISTING WELL SHOWN ON THIS PLAN TAG HO-95-1202 HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC AND IS ACCURATELY SHOWN

NO.	REVISION	DATE

**NV HOMES  
LIME KILN VALLEY II  
RESITE LOT 8**

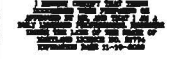
HOWELAND SGP-03-30  
TAX MAP 40 & 50  
5TH ELECTION DISTRICT

PARCEL 114 & 12  
HOWARD COUNTY, MARYLAND

**ROBERT H. VOGEL ENGINEERING, INC.**  
ENGINEERS • SURVEYORS • PLANNERS  
8407 MAIN STREET  
ELICOTT CITY, MD 21043  
TEL: 410.461.7666  
FAX: 410.461.8951

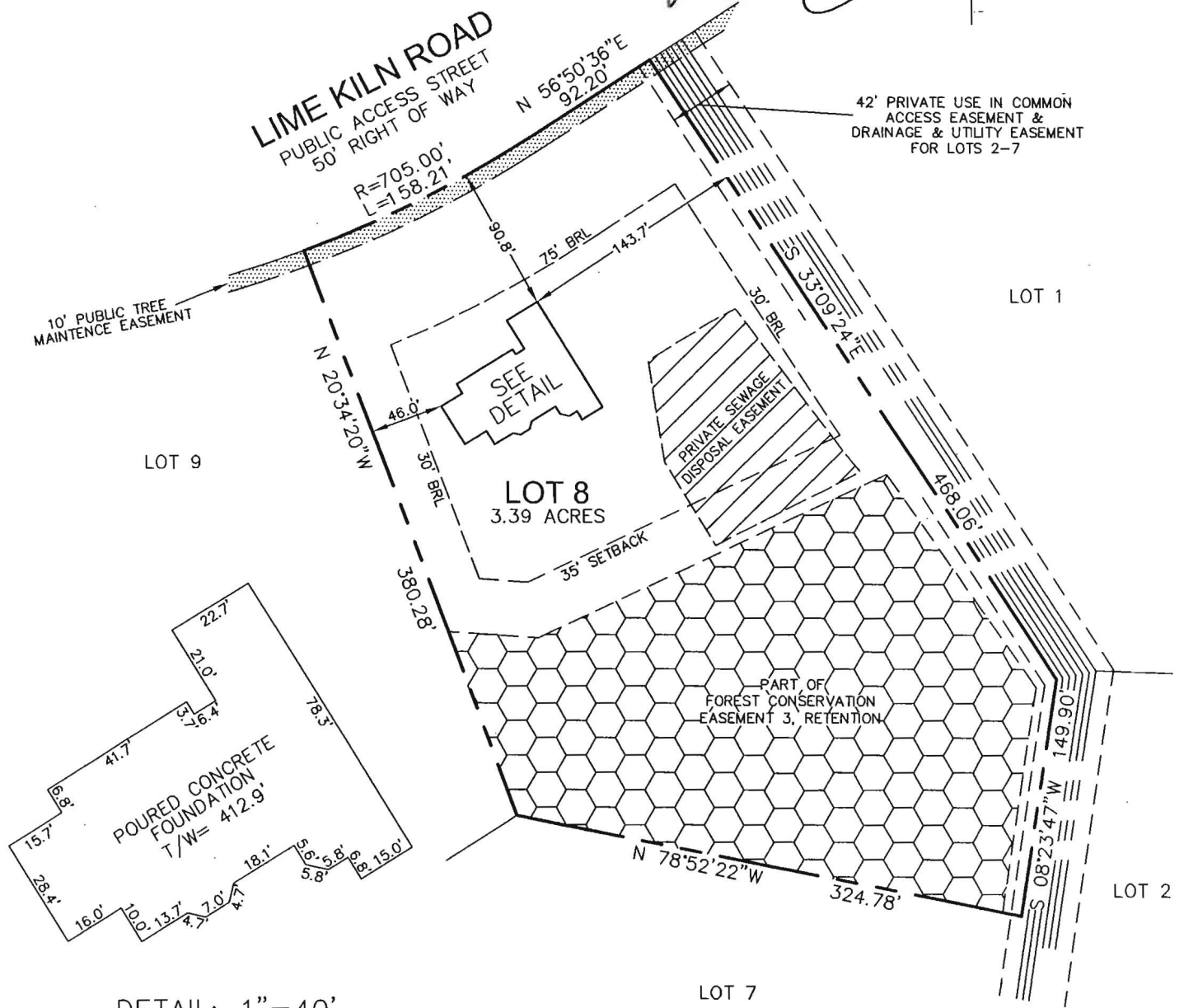


DESIGN BY: JAR  
DRAWN BY: JAR  
CHECKED BY:  
DATE: AUGUST 2008  
SCALE: 1"=50'  
W.O. NO.: 04-21



11/7/08 Wall Check OK  


MARYLAND STATE GRID MERIDIAN (NAD83/FP)



DETAIL: 1"=40'

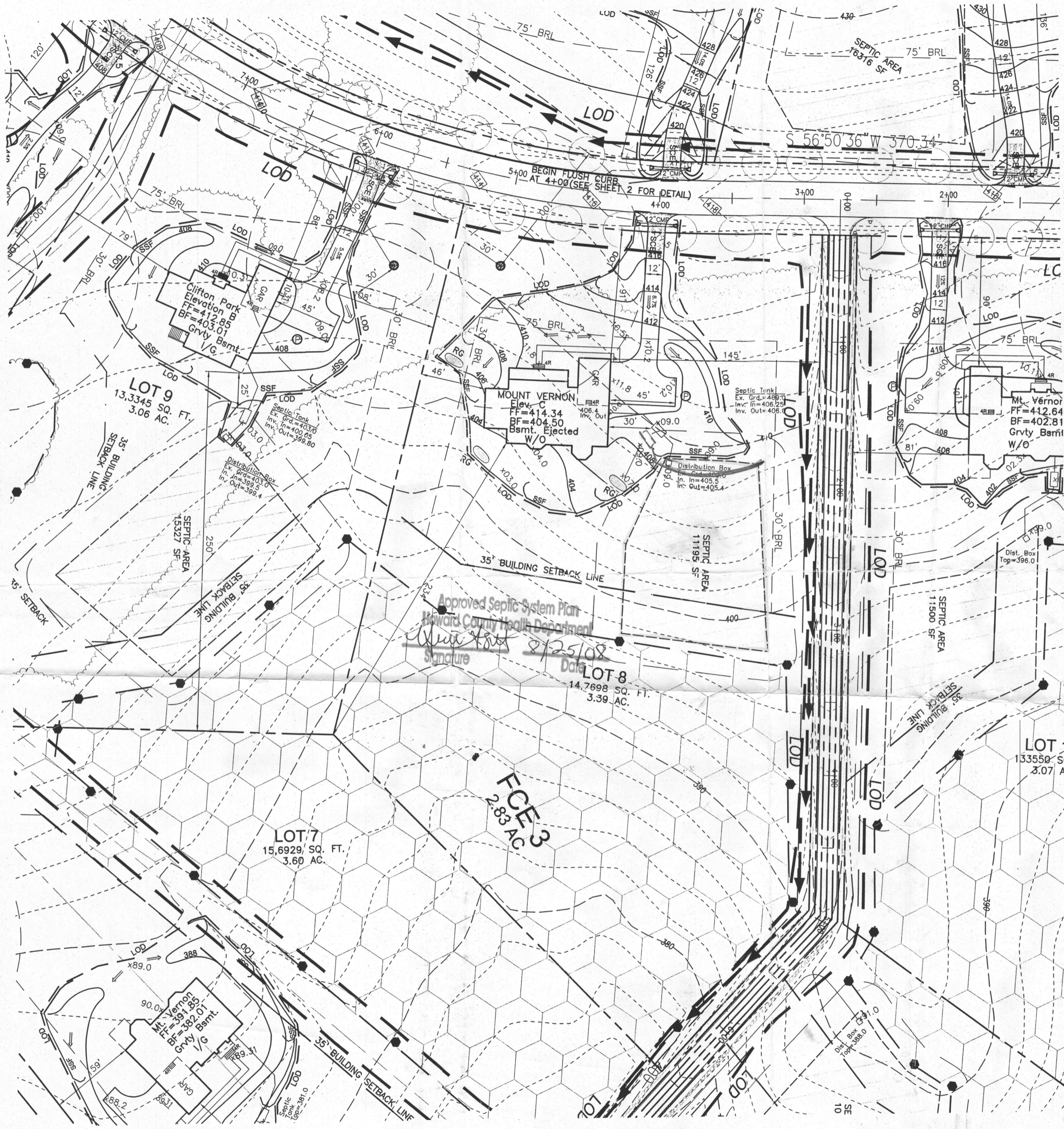
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

*William D. Barker* 10-7-2008  
 WILLIAM D. BARKER, PROFESSIONAL LAND SURVEYOR #10074 DATE



THIS WALL CHECK DRAWING CONTAINS A HORIZONTAL TOLERANCE IN ACCURACY OF 0.1' AND A VERTICAL TOLERANCE IN ACCURACY OF 0.2'

SCALE 1"=100'	DATE 10/03/08	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLCOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING LOT 8 LIME KILN VALLEY PHASE 1 & 2 PLAT NUMBER 19734 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY A.M.S.	CHECKED BY W.D.B.		
PLAT NUMBER 19732-19739	JOB NUMBER 04-021.00		



Approved Septic System Plan  
 Howard County Health Department  
*James A. Ruff*  
 Signature  
 8/25/08  
 Date

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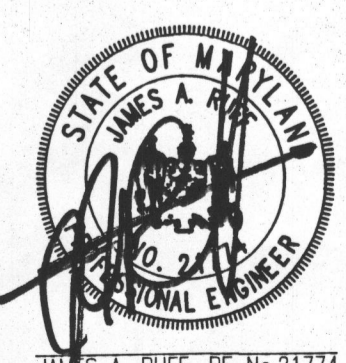
NO.	REVISION	DATE

**NV HOMES  
 LIME KILN VALLEY II  
 RESITE LOT 8**

HOMELAND SDP-03-30  
 TAX MAP 40 & 50  
 5TH ELECTION DISTRICT

PARCEL 114 & 12  
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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. 21774 EXPIRATION DATE 11-10-2009

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