

LAYOUT 11/14/08 INSP 4 11/21/08
 INSP 2 11/17/08 INSP 5 _____
 INSP 3 11/19/08 INSP 6 _____

ISSUE DATE: 11/07/08
 APPROVAL DATE: 12/05/08

PERMIT

*(Logged into
Part trace)*

P 530229-85
 A 519584-5

TAX ID # **05450543**

**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: 5

ADDRESS: 12785 Lime Kiln Rd 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

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: 140

| | |
|-----------|---|
| TRENCHES: | Trench to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 3.0 feet of stone below distribution pipe. |
| LOCATION: | 1) Set Septic Tank and Pump Tank per plan 2) Set distribution box near top-center of (north side) of septic easement. 3) Install 2x45' trenches on contour to east of distribution box, and 1x50' trench to west of distribution box. |
| NOTES: | 1) Stake septic easement corners. 2) Call for layout inspection. 3) Mark utilities. 4) Gravel tickets must be available for Environmental Sanitarians. |

PLANS APPROVED: Robert Bricker DATE: 7/21/08

- 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

TRENCH/DRAINFIELD DATA

| WIDTH | INLET | BOTTOM |
|-------------------------|-------|-----------|
| 2 | 4 | 7' |
| NUMBER OF TRENCHES | | 3 |
| TOTAL LENGTH | | 156' |
| ABSORPTION AREA | | 300' ± SW |
| DISTRIBUTION BOX LEVEL | | Yes |
| DISTRIBUTION BOX BAFFLE | | 90° bend |
| DISTRIBUTION BOX PORT | | Yes |

SEPTIC TANK DATA

| SEPTIC TANK 1 LEVEL | |
|------------------------|-------------------|
| MANUFACTURER | Maryland Concrete |
| CAPACITY | 2000 GAL |
| SEAM LOC | Top |
| TANK LID DEPTH | 2' |
| BAFFLES | Yes |
| BAFFLE FILTER | — |
| MANHOLE LOC | Front/Rear |
| 6" PORT LOC | none |
| WATERTIGHT TEST | — |
| SLOTTED | Yes |
| PUMP/SEPTIC TANK LEVEL | |
| MANUFACTURER | Mid. State |
| CAPACITY | 1500 GAL |
| SEAM LOC | Top |
| TANK LID DEPTH | 3.5' (OK) |
| BAFFLES | Front |
| BAFFLE FILTER | — |
| MANHOLE LOC | Rear |
| 6" PORT LOC | none |
| WATERTIGHT TEST | — |
| SLOTTED | no |

* See Separate sheet for As Built

PRE-CONSTRUCTION

11/14/08 Keep tanks out of swales.
 set D box top middle of SDB.
 Pump 30x48' trench

back towards House. 6' ETC. is acceptable. (KW) 11/17/08
 Both tanks set. 4" SMC made. Must maintain no more than 42" of cover on tanks (KW) 11/19/08 Top trench completed. noticed stone in inlet w/ cleaner stone. Need to get clean stone w/ no clay. (KW) 11/20/08 contractor finished trenches. 2" FOMs just about finished. Pump installed, avoids 1/2 HP. Will need a P/A test for final approval. OK to backfill (KW) 12/5/08 P/A test. OK.

FINAL INSPECTOR

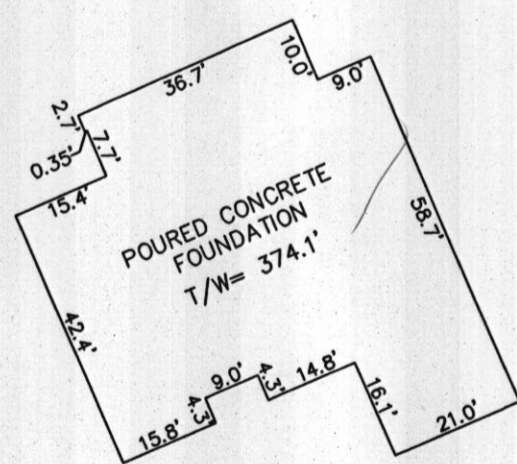
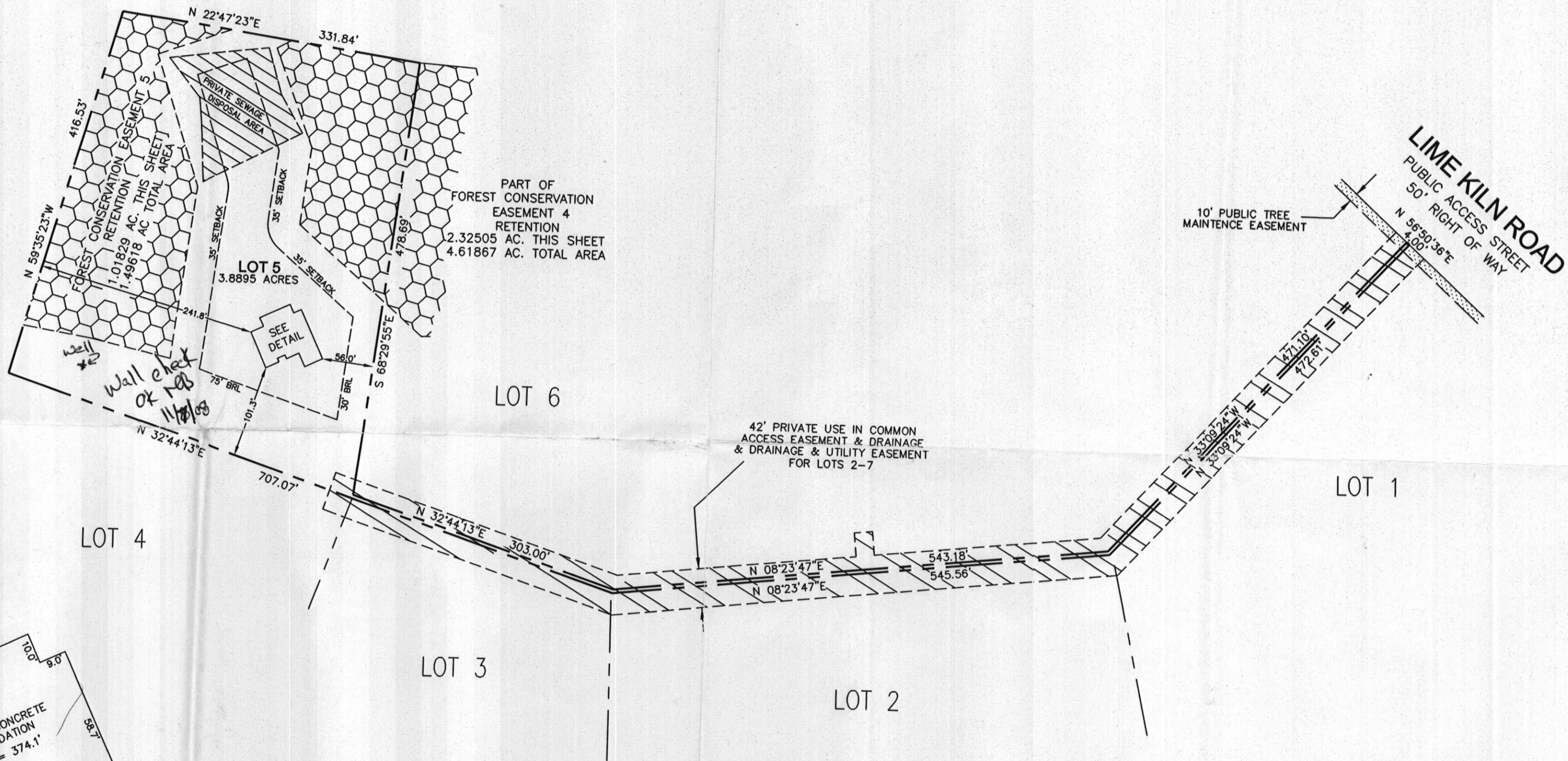
J. Kelly

DATE OF APPROVAL

12/5/09

TAX MAP 40 PARCEL 227
WASHINGTON SUBURBAN
SANITARY COMMISSION
L 244 F 130

MARYLAND STATE GRID MERIDIAN
NAD 83



SURVEYOR'S CERTIFICATION
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 10-8-2008
WILLIAM D. BARKER
PROFESSIONAL LAND SURVEYOR
MARYLAND REG. No. 10074

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

| REV# | DATE | DESCRIPTION |
|------|------|-------------|
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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 5
LIME KILN VALLEY
PHASE 1 AND 2
PLATS 19732-19738

| | |
|----------------------|-----------------------------|
| DATE 10/07/08 | DRAWING NO. |
| SCALE 1"= 100' | 1 OF 1 |
| CHECKED BY W.D.B. | |
| DRAWN BY A.M.S. | RHV JOB NUMBER 04-021.00 |