

LAYOUT 11/21/08 INSP 4 12/1/08
INSP 2 11/24/08 INSP 5 _____
INSP 3 11/26/08 INSP 6 _____

ISSUE DATE: 11/07/08

APPROVAL DATE: 12/2/08

PERMIT

*Changed into
Post Trench*

P 530229-#38

A 519584

TAX ID # **05450888**

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: 38

ADDRESS: 12800 Lime Kiln Rd PROPERTY OWNER: NVR Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

*2' wide, Inlet @ 4', Bottom 8'
Effective @ 6.*

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: ~~300~~ 220 LF

TRENCHES:	Trench 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 5.5 feet below original grade. 2.5 feet of stone below distribution pipe.
LOCATION:	Install distribution box at <u>top-center</u> of SDA. <i>3x75 trenches.</i> KW
NOTES:	Install system per plan unless directed by HCHD. Layout inspection required prior to installation. Cleanout required on line between tank and distribution box.

PLANS APPROVED: Sara Sappington DATE: 6/27/08

- 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 As-Built Drawing
On Separate Sheet

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES		4
TOTAL LENGTH		235
ABSORPTION AREA		470'±SW
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	MarylandLine
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'-2'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front & Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes

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	_____

PRE-CONSTRUCTION

11/21/08 Keep tank
20' from ducting.
Slope 10' either side of
water line. Need perc
verification hole to

give specs on trench dimensions. 11/24/08 Perc test hole
required. Contractor to install 2' wide trenches, Inlet @ 4' bottom
INSTALLATION: @ 8', 4 x 55' trenches towards base. 11/26/08

S.T. set, 4" SMC installed as directed. 20' slope
12/1/08 Top trench done. Dist. box set. Need to trim top of
front 6" baffle. Need rear manhole riser. (BR) 12/2/08
All trenches installed. Contractor pulled trenches away from base
~ 8' off of septic line. Box located. OK to back fill (JWH)

FINAL INSPECTOR Jh. Kelly DATE OF APPROVAL 12/2/08

H0-95-1287

~245' from
approved SDA

~230'

12800 Lime Kiln Rd.

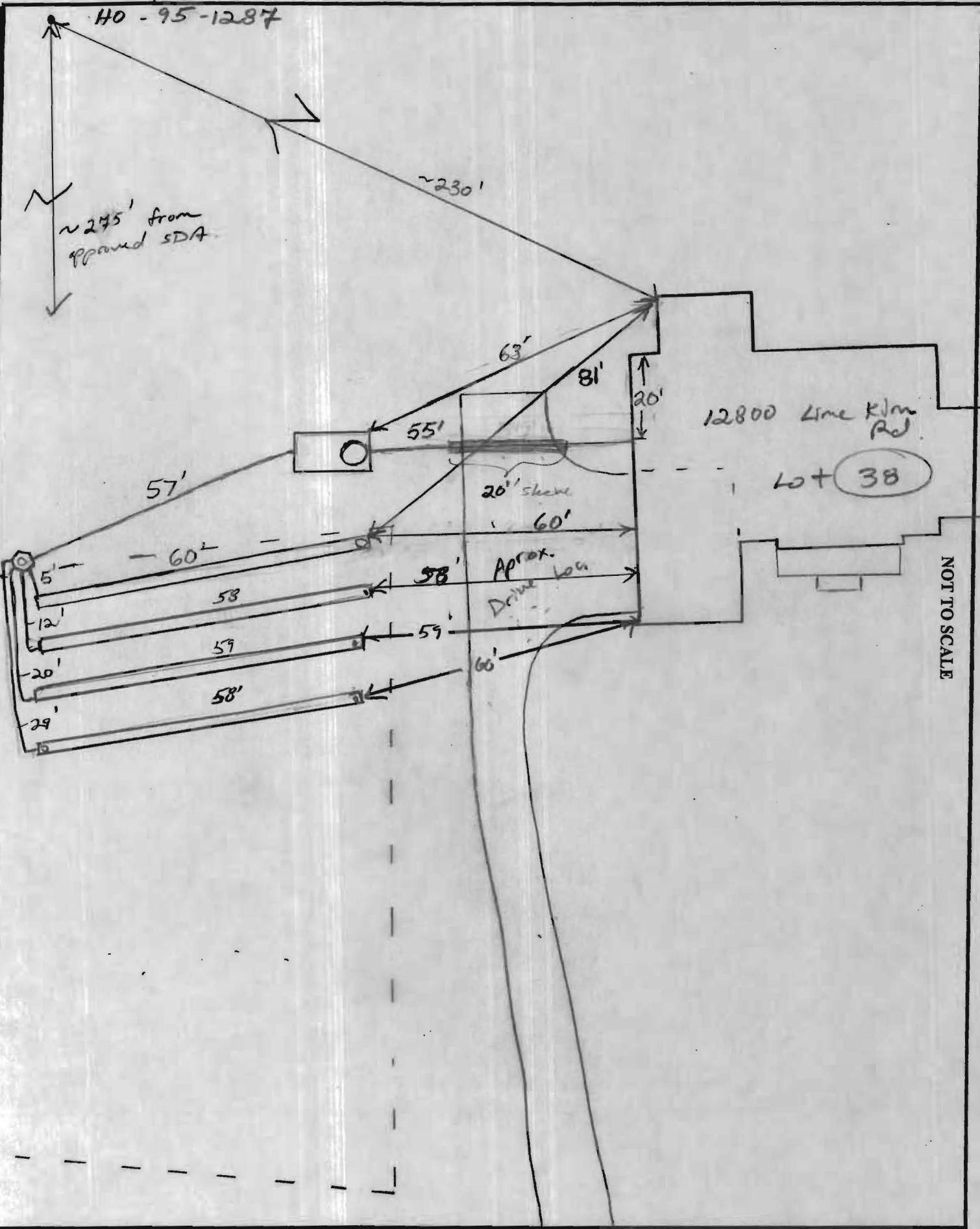
Lot 38

20' street

60'

Aprox.
Drive loc.

NOT TO SCALE

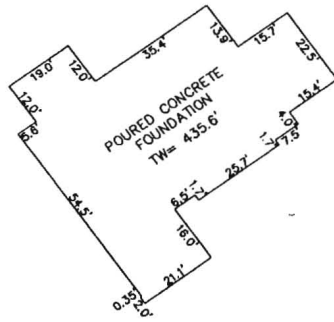


Lime Kiln Rd.

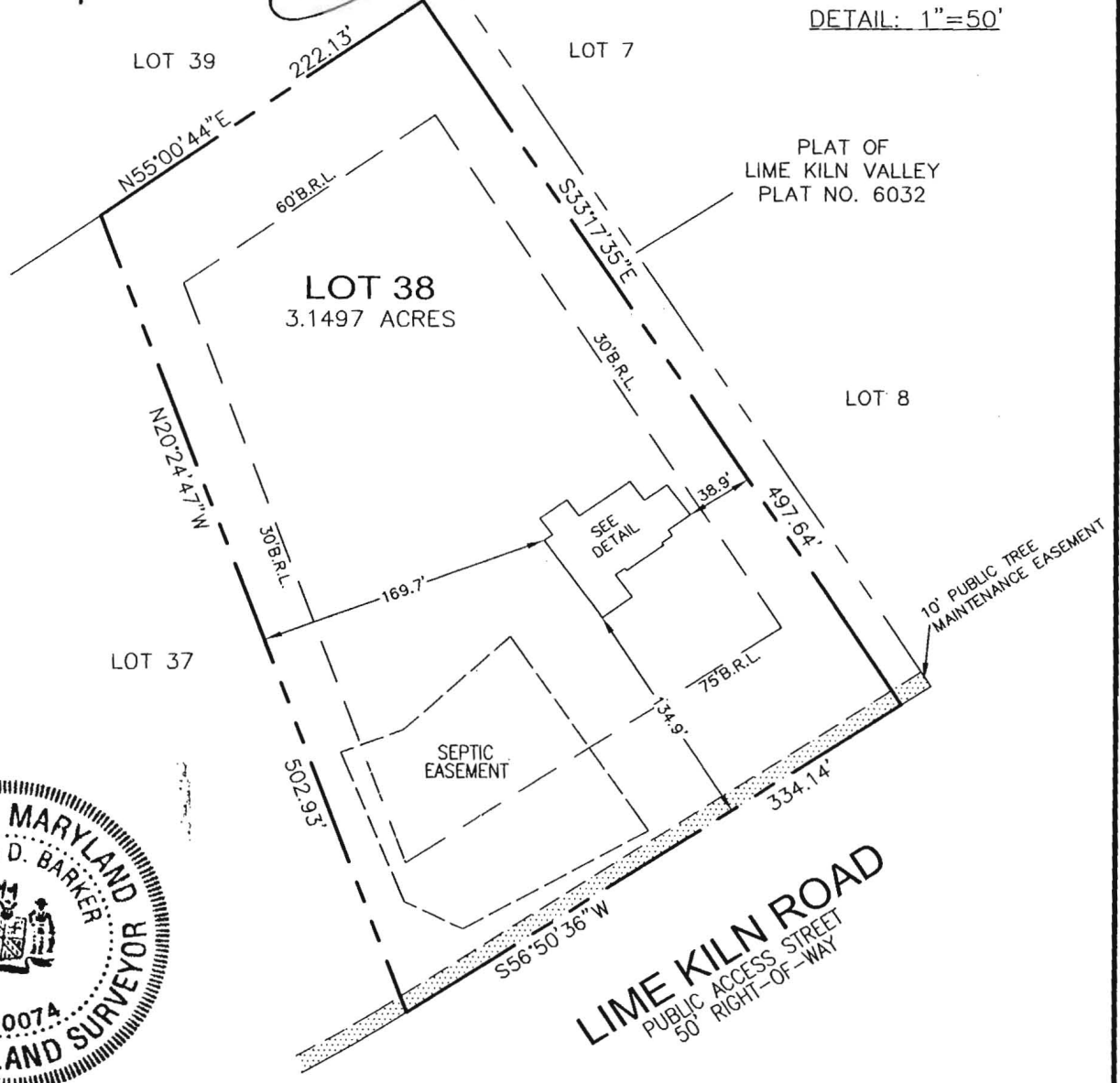
38

MARYLAND STATE GRID MERIDIAN NAD 83

11/03/08
Wall Check of
EG



DETAIL: 1"=50'



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 - 8-5-08

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 08/04/08	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLICOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING LOT 38 LIME KILN VALLEY PLAT NO. 19739 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY A.M.S.	CHECKED BY W.D.B.		
DRAWING NUMBER -19739	JOB NUMBER 04-021.00		