

LAYOUT 7/28/10 INSP 4 _____
 INSP 2 7/29/10 INSP 5 _____
 INSP 3 8/4/10 INSP 6 _____

ISSUE DATE: 7/27/10
 APPROVAL DATE: 8/4/10

PERMIT

P 533338
 A 516098-Q

Tax ID # 05-445736

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

Level Land, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: P.O. Box 100. Lublan MD 21765 PHONE NUMBER: _____

SUBDIVISION: Scaggsville Knolls LOT NUMBER: 5

ADDRESS: 11216 Melvin Court 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: Unkwn 2' wide 40'
4.5' Inlet 51'

LINEAR FEET OF TRENCH REQUIRED: 155 1/2' 8' Bottom 57'
kmw

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 3.0 feet below original grade with 2.0 feet of stone below distribution pipe. <u>(6.5 dm)</u>
LOCATION:	Set septic tank per layout inspection. Set distribution box at the highest point of septic easement per layout inspection. Install 155 feet of trench on contour per layout inspection.
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: Dana Bernard DATE: 6/16/10

- 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

8E2322

See Separate sheet
for As-Built

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	4.5'	8'
NUMBER OF TRENCHES		3'
TOTAL LENGTH		148'
ABSORPTION AREA		296'±SW
DISTRIBUTION BOX LEVEL		Level's
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	2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	—
SLOTTED	Yes 7/1/10
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

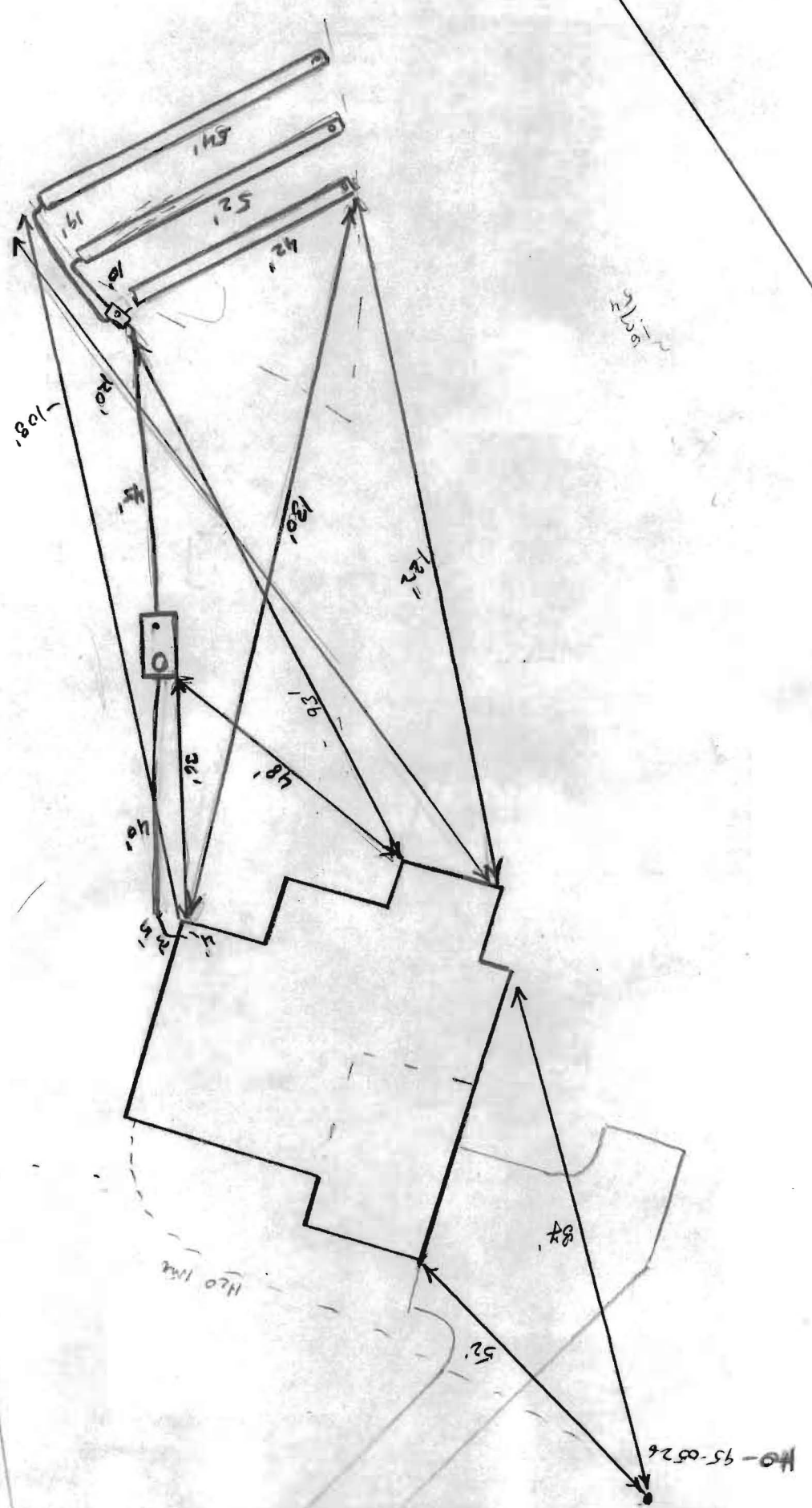
7/28/10 Contour was shot in field to confirm a completely different topo that is shown on approved map plan. Swale runs

through the middle of approved SRA. Chnged system design specs to 2' wide trenches, inlet @ 4.5', bottom @ 8'. Three trenches are to be installed running across SRA, adjusting slightly for swale (which is very broad at the top). towards SW. Keep S.T. 20' from dwelling. Call for insp. (100) 7/29/ S.T. set. nothing else done (100)

8/3/10 Top trench dig. complete. 2nd trench started. Made contractor to keep machine (track-ho) level @ all times digging trenches. (100)

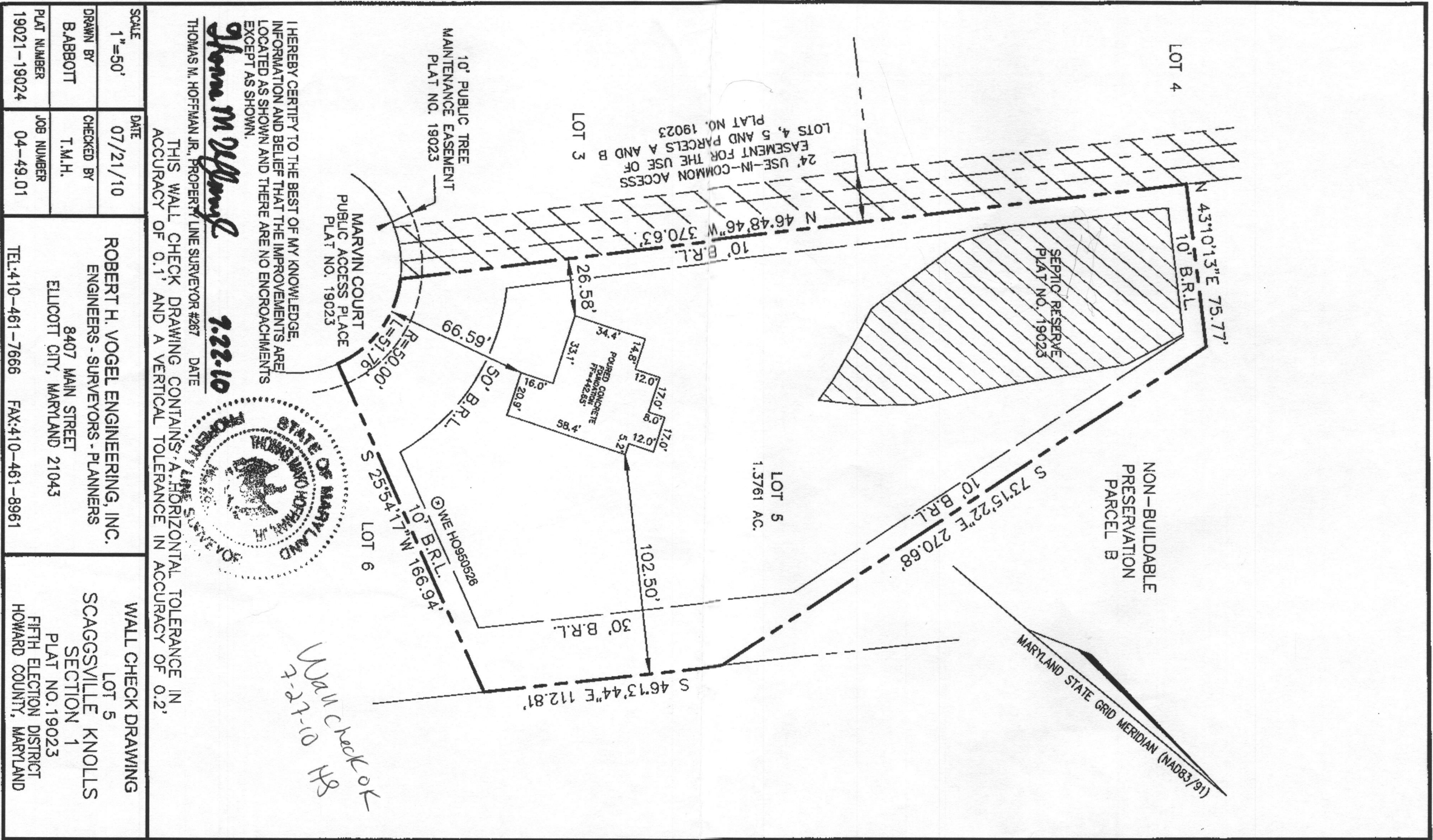
8/4/10 Trenches complete. OK to cover all work. (100)

FINAL INSPECTOR K. Kraft DATE OF APPROVAL 8/4/10



NOT TO SCALE

Mdvin St



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.

Thomas M. Hoffmann
 THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE 7.22.10

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



Wall Check OK
 T-2-7-10 H8

SCALE 1"=50'	DATE 07/21/10	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLCOTT CITY, MARYLAND 21043		WALL CHECK DRAWING LOT 5 SCAGGSVILLE KNOLLS SECTION 1 PLAT NO. 19023 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN BY BABBOTT	CHECKED BY T.M.H.	TEL:410-461-7666 FAX:410-461-8961		
PLAT NUMBER 19021-19024	JOB NUMBER 04-49.01			