

LAYOUT 9/17/10 INSP 4 \_\_\_\_\_  
 INSP 2 9/20/10 INSP 5 \_\_\_\_\_  
 INSP 3 9/22/10 INSP 6 \_\_\_\_\_

ISSUE DATE: 9-2-10

# PERMIT

P 534016

APPROVAL DATE: 9/22/10

A 525559

Tax ID # 05-445698

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

Level Land, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: 307.642.0381

SUBDIVISION: Scaggsville Knolls LOT NUMBER: 2

ADDRESS: 11211 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

LINEAR FEET OF TRENCH REQUIRED: 207.5  
180

*2' wide  
 Inlet @ 3'  
 Bottom @ 2' - 1249*

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 5.0 feet below original grade with 2.0 feet of stone below distribution pipe. <i>70 104</i>
LOCATION:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 207.5 feet of trench on contour per layout inspection..
NOTES:	<b>Do not</b> 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.

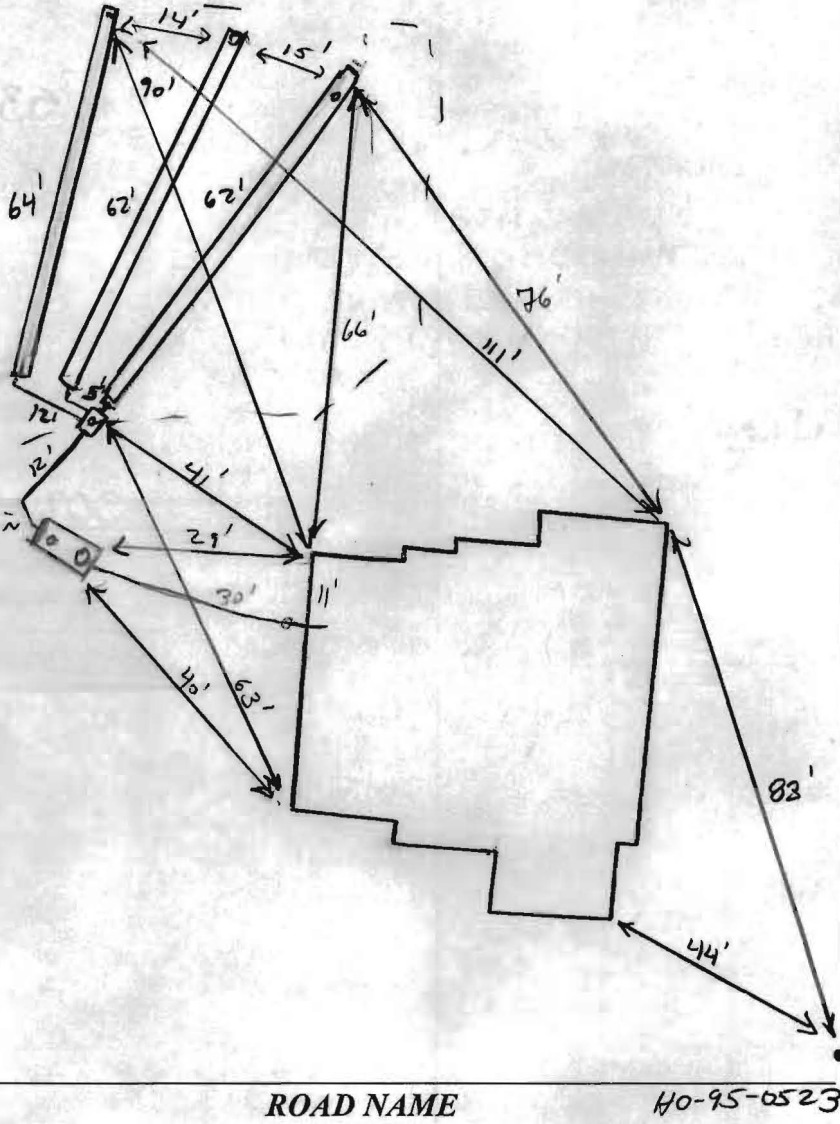
PLANS APPROVED: Dana Bernard DATE: 8/16/10

- 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**

melvin ct

NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2'	3'	7'
NUMBER OF TRENCHES <u>3</u>		
TOTAL LENGTH <u>188'</u>		
ABSORPTION AREA <u>376 sq ft</u>		
DISTRIBUTION BOX LEVEL <u>Level 3</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	<u>Yes</u>
MANUFACTURER	<u>Babylon</u>
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>1'-1.5'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>—</u>
MANHOLE LOC	<u>Front</u>
6" PORT LOC	<u>Rear</u>
WATERTIGHT TEST	<u>—</u>
SLOTTED	<u>Yes</u>
DATE ON LID	<u>8/8/10</u>
PUMP/SEPTIC TANK LEVEL	<u>N/A</u>
MANUFACTURER	<u>—</u>
CAPACITY	<u>—</u> GAL
SEAM LOC	<u>—</u>
TANK LID DEPTH	<u>—</u>
BAFFLES	<u>—</u>
BAFFLE FILTER	<u>—</u>
MANHOLE LOC	<u>—</u>
6" PORT LOC	<u>—</u>
WATERTIGHT TEST	<u>—</u>
SLOTTED	<u>—</u>
DATE ON LID	<u>—</u>

**PRE-CONSTRUCTION:**

9/17/10 SRA not staked. OK to set tank as indicated in field. Call for layout of trenches when staked (KW) 9/20/10 SRA looks to be staked by builder. Will let check the time but SRA's need to be staked by licensed surveyor. Set D box as per approved BP plan, install 3x60' trenches on contour running across septic area towards Melvin Ct. Trench specs adjusted accordingly. (KW)

**INSTALLATION:**

9/22/10 S.O. and dbox installed w/ all plumbing. D box sealed and tested. Soil very consistent in trenches. Emptying looks good. OK to cover all work. (KW)

FINAL INSPECTOR

K. Wolf

DATE OF APPROVAL

9/22/10

MARYLAND STATE GRID MERIDIAN (NAD83/91)

LOT 3

N 61°29'36"E  
39.47'

R=50.00'  
L=45.03'

R=25.00'  
L=23.18'

MELVIN COURT  
PUBLIC ACCESS PLACE  
40' RIGHT-OF-WAY  
S 44°44'54"E 175.86'

N 47°33'57"E 149.62'  
10'B.R.L.

50'B.R.L.

SEPTIC RESERVE

MAINTENANCE EASEMENT  
PUBLIC 10' TREE

50'B.R.L.

LOT 2  
1.2054 AC

152.0'

111.3'

30'B.R.L.  
N 46°31'49"W 263.03'

POURED CONCRETE  
FOUNDATION  
17'x14'x10'

WE H0950523

47.4'  
10'B.R.L.  
S 42°09'46"W 209.50'

LOT 1

Wall check OK  
9-7-10 HS

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.

*Thomas M Hoffman Jr*  
THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE 8-27-10

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