

Bureau of Environmental Health  
7178 Gateway Drive Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 5/13/2013

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 545033

INSTALLATION

APPROVAL DATE: 5/21/13

**PERMIT**

A \_\_\_\_\_

**REPAIR**

PROPERTY ADDRESS: 13301 ROYDEN COURT, ELICOTT CITY, MD 21042

SUBDIVISION: RIDGEWOOD

LOT: 25

TAX ID: 05-409446

CONTRACTOR: \_\_\_\_\_

EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

PROPERTY OWNER: DALE L PHENICIE

EMAIL: \_\_\_\_\_

OWNER ADDRESS: 13301 ROYDEN COURT, ELICOTT CITY, MD 21042

PHONE: 301-518-1144

SEPTIC TANK SIZE (GALLONS): 1250

PUMP CHAMBER CAPACITY (GALLONS): N/A

PUMP SIZE: N/A

NUMBER OF BEDROOMS: 4

HOUSE SQ. FT. 3321

APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: <u>160</u>	INLET DEPTH: <u>2.5 3-3.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>7.0 6</u>
	MINIMUM SPACE BETWEEN TRENCHES: _____	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</u>
LOCATION:	TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION. CALL FOR LAYOUT INSPECTION, 410-313-1771.	
NOTES:	SPACE REPAIR TRENCHES AT LEAST 9 FEET BELOW EXISTING TRENCHES. REPAIR TRENCHES MUST BE 200 FEET OR MORE FROM WELLS AT 13333 RIDGEWOOD DRIVE AND 13327 RIDGEWOOD DRIVE. ATTENDING ENVIRONMENTAL HEALTH SPECIALIST TO PROVIDE TRENCH WIDTH, DEPTH, LINEAR FEET AND SPACING AT LAYOUT INSPECTION. <u>2x50</u> <u>1x60</u> <u>~80 ft</u>	

ISSUED BY: ROBERT BRICKER

ISSUE DATE: 5/13/2013

EXPIRATION DATE: 5/13/2014

**NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION**

**NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING**

**NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.**

**NOTE: WATERTIGHT SEPTIC TANKS REQUIRED**

**NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE FROM ANY WATER WELL**

**NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS**

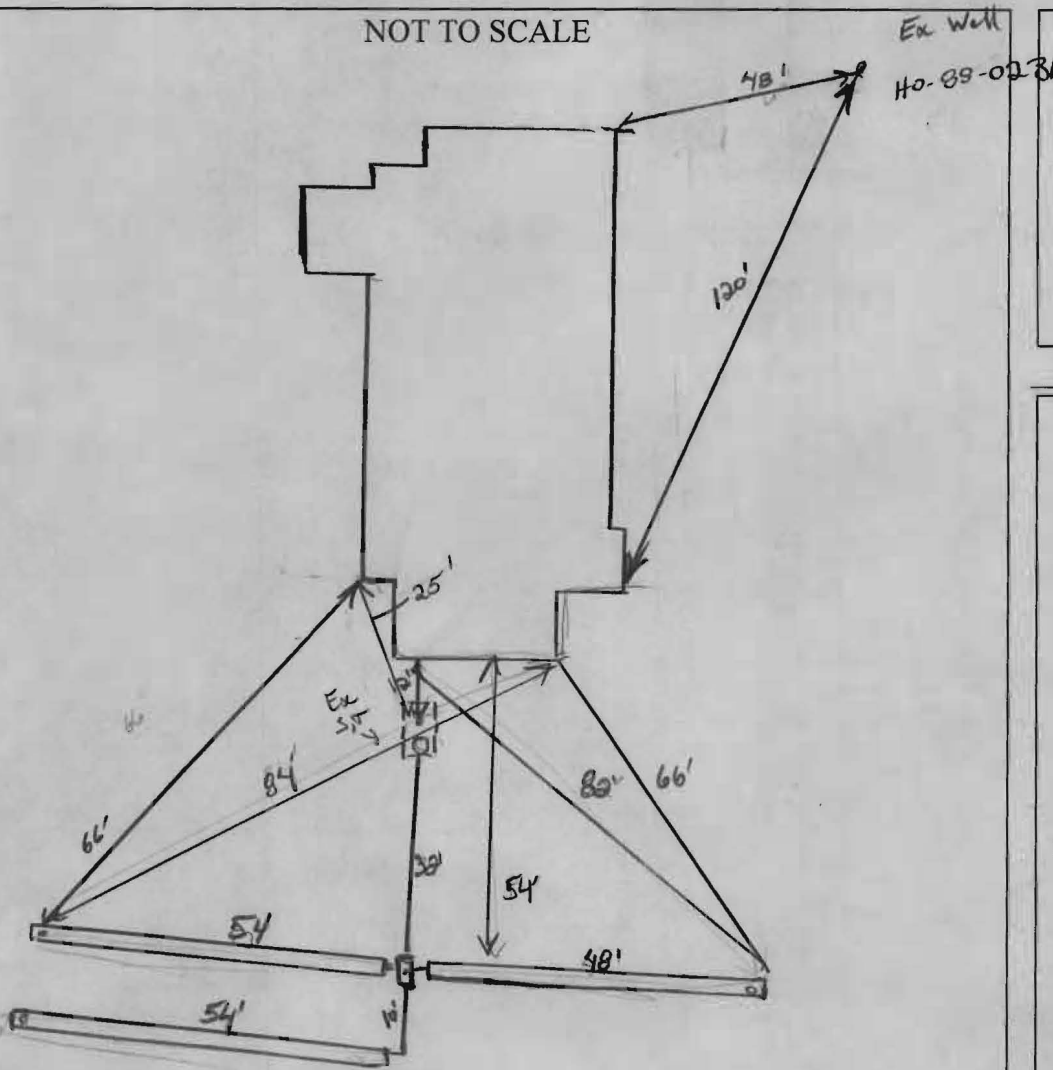
**NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM**

**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 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
8'	3'	6'
NUMBER OF TRENCHES <u>3</u>		
TOTAL LENGTH <u>156'</u>		
ABSORPTION AREA <u>468'±SW</u>		
DISTRIBUTION BOX LEVEL <u>Leveler's</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>NO</u>		

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	<u>Yes</u>
MANUFACTURER	<u>?</u>
CAPACITY	<u>1250</u> GAL
SEAM LOC	<u>mid</u>
TANK LID DEPTH	<u>3'</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>-</u>
MANHOLE LOC	<u>Center</u>
6" PORT LOC	<u>Front</u>
WATERTIGHT TEST	<u>OK</u>
SLOTTED	<u>NO</u>
DATE ON LID	<u>-</u>

**PUMP/SEPTIC TANK LEVEL** N/A

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:**

5/17/13 Existing system dug up. Installed on contour but great deal of sludge buildup in dist. box and trenches. Homeowner explained he had a pumped tank. Set new dbox just below ex. lower trench install 2x50 trenches running west along property and 1x60' trench running east along property. obs. pipes required in trenches. Manhole riser to be added on existing tank. KW

**INSTALLATION:**

5/20/13 Trenches installed. Did not make 60' trench. Not sure why. Trench was pointed out for 60'. 2x50' trenches lengthened since. Homeowner notified. Need speedy levelers. KW 5/21/13 Speedy-kicks installed in Dbox. System complete. KW

FINAL INSPECTOR

S K. Way

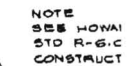
DATE OF APPROVAL

5/24/13

MAY 18 2013



1. INVERT ELEVATION OUT OF HOUSE 603.85V
2. INVERT ELEVATION INTO SEPTIC TANK 601.85V
3. INVERT ELEVATION OUT OF SEPTIC TANK 602.00V
4. INVERT ELEVATION INTO DISTRIBUTION BOX 600.5V
5. INVERT ELEVATION OUT OF DISTRIBUTION BOX 600.0V
6. INVERT ELEVATION INTO FIRST TRENCH 600.0V
7. ALL TRENCH SHALL BE 3'-0" WIDE ✓  
 INLET TO TRENCH SHALL BE 2'-0" BELOW ORIGINAL GRADE ✓  
 MAXIMUM DEPTH SHALL BE 5'-0" BELOW ORIGINAL GRADE ✓  
 PROVIDE 2'-0" STONE BELOW PIPES IN TRENCH ✓  
 PROVIDE MIN. 6" SPACE BETWEEN TRENCHES ✓



Site plan  
Lot 25 R  
5th. Election