



Howard County  
Health Department

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: 7/30/2013

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 545107

INSTALLATION  
APPROVAL DATE: 9/19/13 *KRW*

**PERMIT  
REPAIR**

A \_\_\_\_\_

PROPERTY ADDRESS: 681 West Watersville Road

SUBDIVISION: Stirn Farm

LOT: \_\_\_\_\_

TAX ID: 4361237

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

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

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

PHONE: 410-795-0331

PROPERTY OWNER: William Finley

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

OWNER ADDRESS: 681 W. Watersville Road

PHONE: 240-373-7351

SEPTIC TANK SIZE (GALLONS): Existing

PUMP CHAMBER CAPACITY (GALLONS): n/a

PUMP SIZE: n/a

NUMBER OF BEDROOMS: 4

HOUSE SQ. FT. n/a

APPLICATION RATE: 0.6

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: <u>200'</u>	INLET DEPTH: <u>4'</u>
	TRENCH WIDTH: <u>2'</u>	MAXIMUM BOTTOM DEPTH: <u>10'</u>
	MINIMUM SPACE BETWEEN TRENCHES: _____	EFFECTIVE AREA BEGINNING DEPTH: _____
LOCATION:	TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Existing trenches to be abandoned. Install new system within the approved SRA just below existing system. 2x100' trenches are to be installed on contour as painted out at time of perc repair. Keep 10' from prop. lines. Obs. pipes are req'd at trench ends. System calls for aprx. <u>145 ton</u> approved #2 septic stone. <b>Although an effluent filter is not recommended, it would be a great benefit to extend the life of the new system. Model recommended: Polylok PL-122 or equivalent</b>	

ISSUED BY: K. Wolf, REHS

ISSUE DATE: 8/29/2013

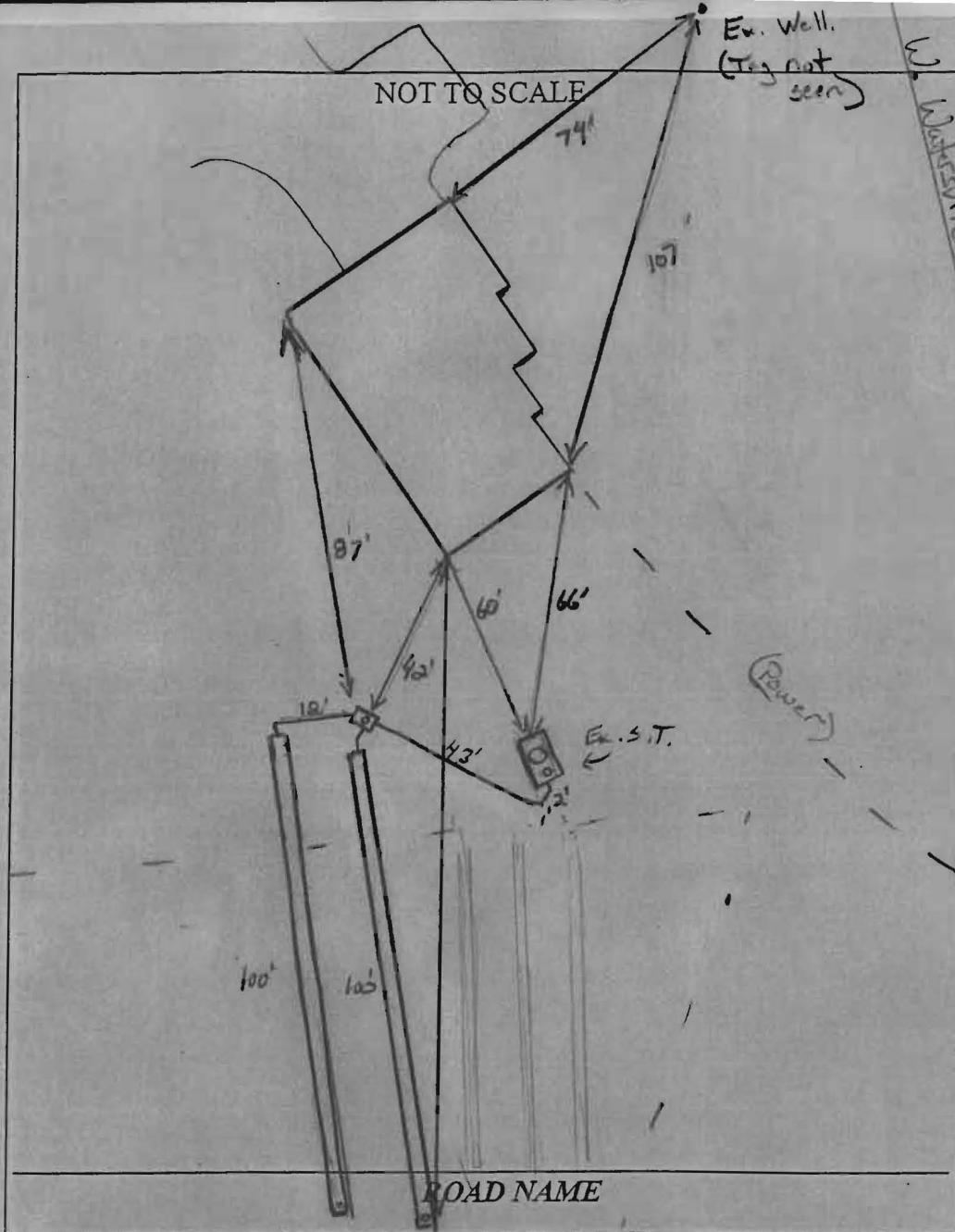
EXPIRATION DATE: 8/29/2014

- 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 DOWNGRADIENT 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.**



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	10'
NUMBER OF TRENCHES		2
TOTAL LENGTH		
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Level 10
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	?
CAPACITY	1250 GAL
SEAM LOC	mid
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	Yes (Poly 100 PL-9)
MANHOLE LOC	
6" PORT LOC	Rear
WATERTIGHT TEST	OK
SLOTTED	no
DATE ON LID	-
PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

8/28/13 Trenches laid out. Contour to follow existing trenches. Install 2x100' trenches just below initial existing system. New D box. Extend manhole riser on tank. Outlet baffle. filter may be installed (call) for inspection (KWD)

INSTALLATION:

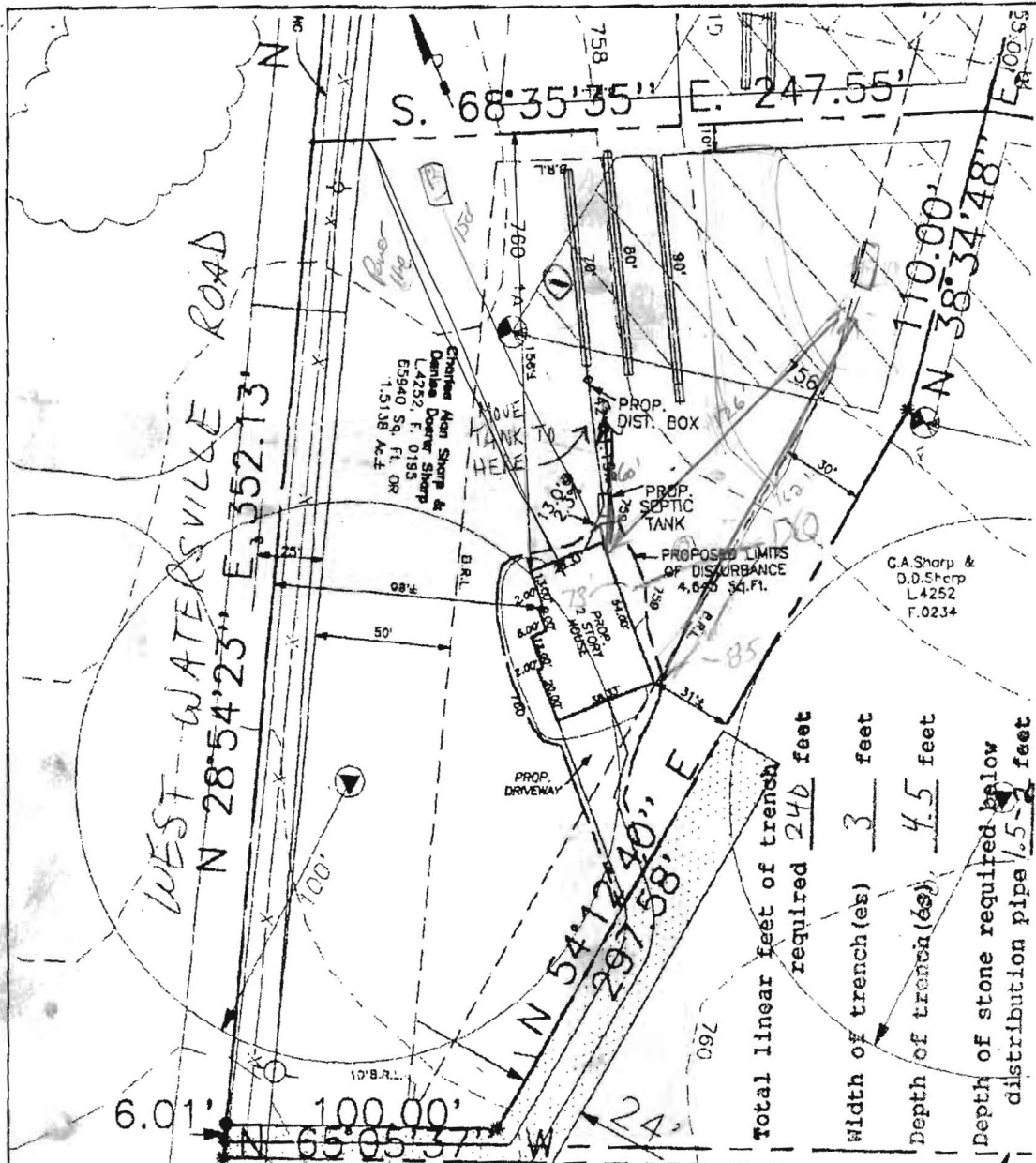
9/18/13 Top trench being dug, stoned. New plumbing tie in made to D box and top trench. Total contractor OK to cover work completed and to leave Dot network open and lower trench @ ends (KWD)  
 9/19/13 System complete. Contractor installed outlet baffle filter pl-68. OK for residential use. OK to cover all work (KWD)

FINAL INSPECTOR

*J. K. Hall*

DATE OF APPROVAL

9/19/13



Proposed House:  
 FF Elev=762.3  
 Bsmt =753.6  
 Inv. Out=757.3(Hung Sewer)

Proposed Septic Tank:  
 Ex. Elev=759.0  
 Inv. In =757.0  
 Inv. Out=756.7

Proposed Distribution Box:  
 Ex. Elev=759.0  
 Inv. In =756.2  
 Inv. Out=755.9

Proposed Trenches:  
 1@70' / 1@80' / 1@90' =240L.F.  
 3'Wide, 2'Stone, Max. Depth=4.5

NOTE: Actual length and number of trenches for sewerage are to be determined at the time of septic system permit issuance.

Approved Septic System Plan  
 Howard County Health Department

OK FOR TRENCH @ INVERT  
 AT 3' BELOW GRADE  
 OTHER TRENCHES AT 2.5' B.G.

PLOT PLAN  
 lands conveyed to  
**Charles Alan Sharp &  
 Denise Doerer Sharp**

Liber 4252 Folio 0208  
 #681 West Watersville Road

Fourth Election District  
 Howard County, Maryland  
 Scale: 1"=50' November, 2000

*Mark Ralkin*  
 Signature

1/16/01  
 Date

Rev. 1/10/01

septic trench, well & dist. box location

I CERTIFY THIS PLAN TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



**VANMAR ASSOCIATES, INC.**  
 Engineers Surveyors Planners  
 310 South Main Street P.O. box 328  
 Mount Airy, Maryland 21771  
 (301) 829 2890 (301) 831 5015 (410) 549 7751

REFERENCE	JOB NO.
L. 4252 F. 0208	89-2185-0040-001