

LAYOUT 11/20/2012 INSP 4 12/11/2012 12/17/2012
 INSP 2 11/27/2012 INSP 5 12/13/2012 12/20/2012
 INSP 3 12/7/2012 INSP 6 12/14/2012 2/7/2013

ISSUE DATE: 5-23-12

PERMIT

P 537303

APPROVAL DATE: 4/2/2013

A _____

Tax ID # 04-355431

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

Thompson Contracting IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: 755-435-6143

SUBDIVISION: Zirkle Property LOT NUMBER: 2

ADDRESS: 1605 Shaffersville Road PROPERTY OWNER: James Zirkle

SEPTIC TANK CAPACITY (GALLONS): 1500 ~~2000~~ OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 400 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: ~3200

*Trenches 3' Wide
 Inlet 3'
 Bottom 5'*

LINEAR FEET OF TRENCH REQUIRED: 156'

36', 50' + 70'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet is at 3.0 feet below original grade with 2.0 feet of stone below the distribution pipe. Bottom maximum depth is 5.0 feet below original grade. Effective sidewall begins at 4.0 feet below original grade. Maintain at least 9.0 feet of spacing between trenches.
LOCATION:	Set septic tank per plan. Set distribution box per plan. Install 4 X 40' trenches on contour per layout inspection. Ejector pump required in basement for gravity service.
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: Heidi Scott

DATE: 3/23/12

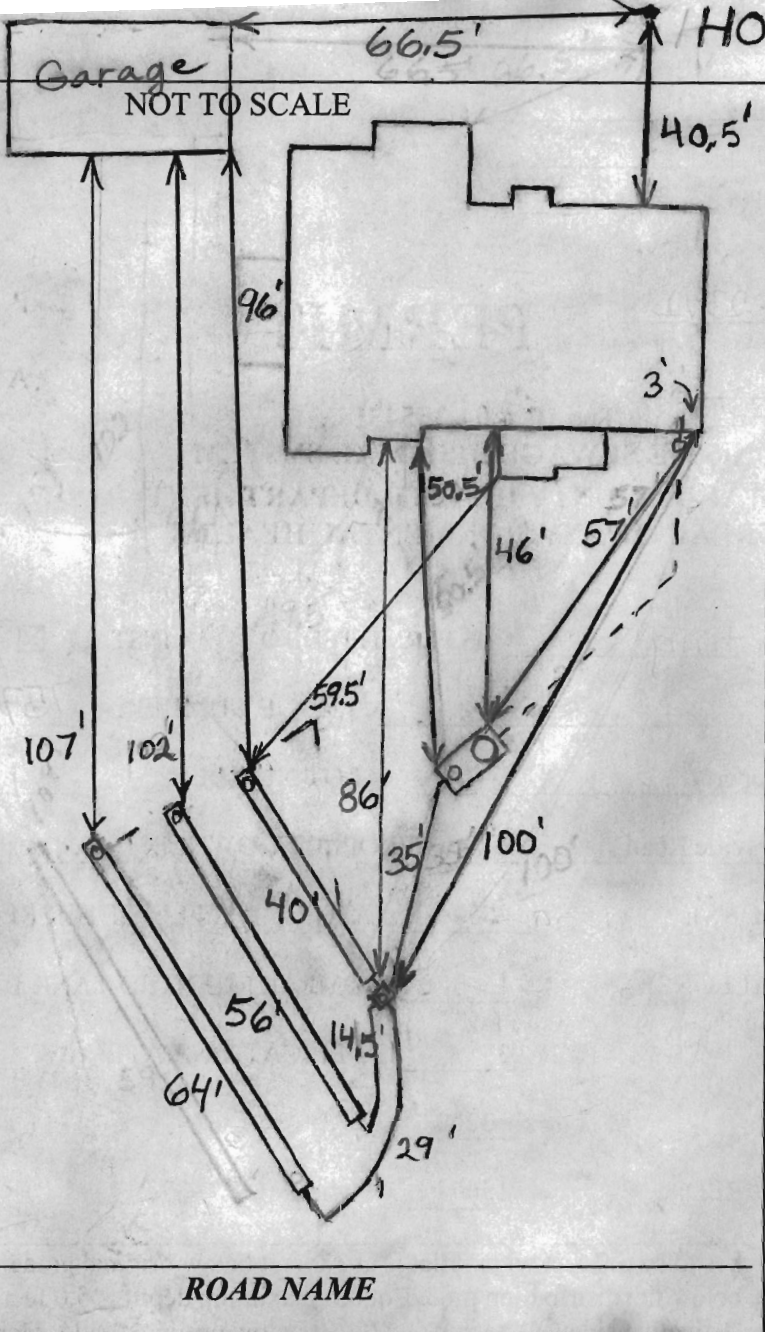
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND 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

(30)



H0-95-1838

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES	3	
TOTAL LENGTH	160'	
ABSORPTION AREA	480 + Sidewall	
DISTRIBUTION BOX LEVEL	Levelers	
DISTRIBUTION BOX BAFFLE	Yes	
DISTRIBUTION BOX PORT	Yes	

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	0.5' - 1'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	10/2012

PUMP/SEPTIC TANK LEVEL

LEVEL	N/A
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

11/20/2012 Install the tank close to the top of the easement. Install a 36', 50' and 70' on contour towards the garage. O.K. to set the tank. Need to get transit to lay out trenches. (BB)

INSTALLATION:

11/27/12 Called in for trench layout. No one on site. S.T. set. (kw) 12/3/12 No one on site. SHE started to tank. (fw)
 12/7/12 Contour shot ~3 inch difference across septa area. Install a 45' trench and 2 x 55' trenches across SRA on contour.
 12/11/2012 No work done. (BB) 12/13/2012 Top trench done. Dist. box set. (BB)
 12/14/2012 Middle trench done. Starting on bottom trench. Need to uncover dist. box. (BB) 12/17/2012 Bottom trench almost finished. (BB)
 12/20/2012 Need tank cleanout. Everything else finished. (BB)

FINAL INSPECTOR

B. Boder

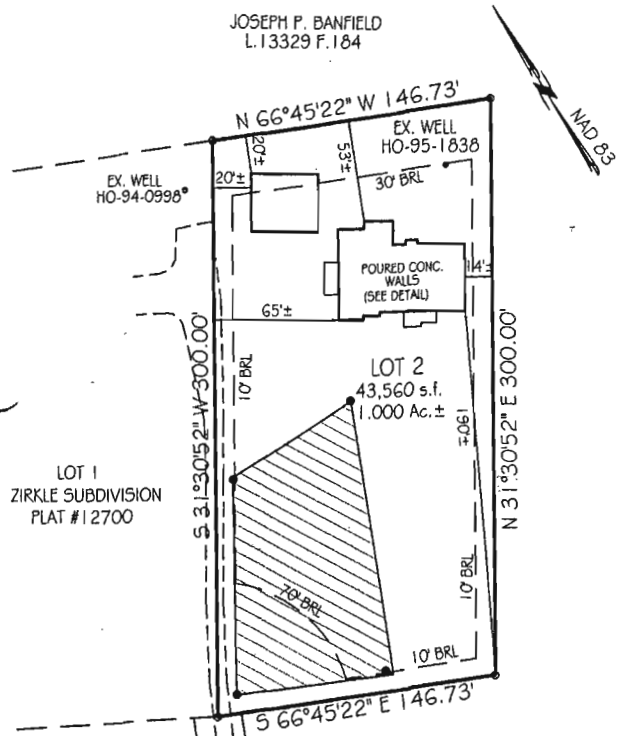
DATE OF APPROVAL

4/2/2013

2/7/2013 Need rear tank cleanout. Left sticker. (BB) 4/2/2013 6" cleanout installed on rear of tank. (BB)

JOSEPH P. BANFIELD
L. 13329 F. 184

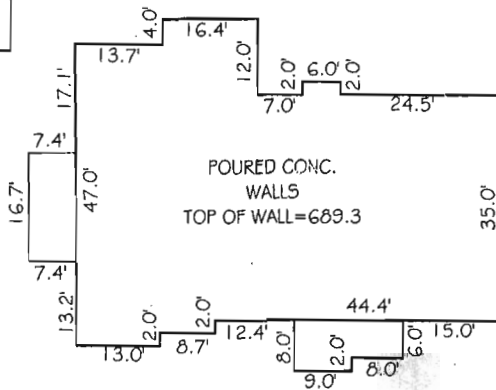
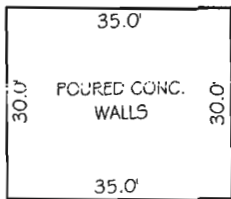
*Wall Check
OK DB
5-17-12*



JOSEPH P. BANFIELD
L. 13329 F. 184

JOSEPH P. BANFIELD
L. 13329 F. 184

25' EASEMENT FOR
INGRESS & EGRESS
FOR LOTS 1 & 2
PLAT #12700

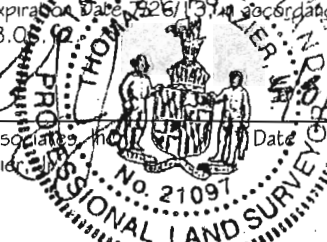


HOUSE DETAIL
SCALE: 1" = 30'

PROFESSIONAL CERTIFICATION

I hereby certify that this document was prepared by me or under my responsible charge, and that I am a duly licensed Professional Land Surveyor under the laws of the State of Maryland, License No. 21097, Expiration Date 8/26/13, in accordance with COMAR 09.13.01.

For VanMar Associates, Inc. Date 5/8/12
Thomas L. Frazier



NOTES:

- 1) FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN HEREON.
- 2) THE EXISTING WELL SHOWN ON THIS PLAN HO-95-1838 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC., PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
- 3) TOP OF WALL ELEV. = 689.3
- 4) BUILDING TIES ARE ±0.5' UNLESS OTHERWISE NOTED.

WALL CHECK DRAWING
LOT 2, SECTION ONE
ZIRKLE SUBDIVISION

PLAT NOS. 12700 & 10726
1605 SHAFFERSVILLE ROAD
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' MAY 2012

SHAFFERSVILLE ROAD
60' RW

I CERTIFY THIS PLAT 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 Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown

REFERENCE	JOB NO.
PLAT # 12700	89-2138

EX. WELL

M-8 SWALE

PROP. GARAGE
687.0

PROP. DRIVEWAY
686

PROP. HOUSE
F.F. 690.3
BSMT. 680.46

B12000647

Approved Septic System Plan
Howard County Health Department

W. Smith
Signature

3/22/12
Date

3 BR SFD

*see notes for inverts

300.00'

S 31°30'52" W

EX. GRAVEL DRIVEWAY

#17



PROP. SEPTIC TANK

PROP. DIST. BOX

LOT 2
43,560 s.f.
1.000 Ac.±

300.00' N 31°30'52" E

S 66°45'22" E 146.73'

DETAIL
SCALE: 1=30'

2/22/96
9:30

SITE INSPECTION SHEET

OWNER: Robert Zirkle ^{Pax} (601) 831-5783
(410) 544-4911

DATE REQUESTED: 2/21/96

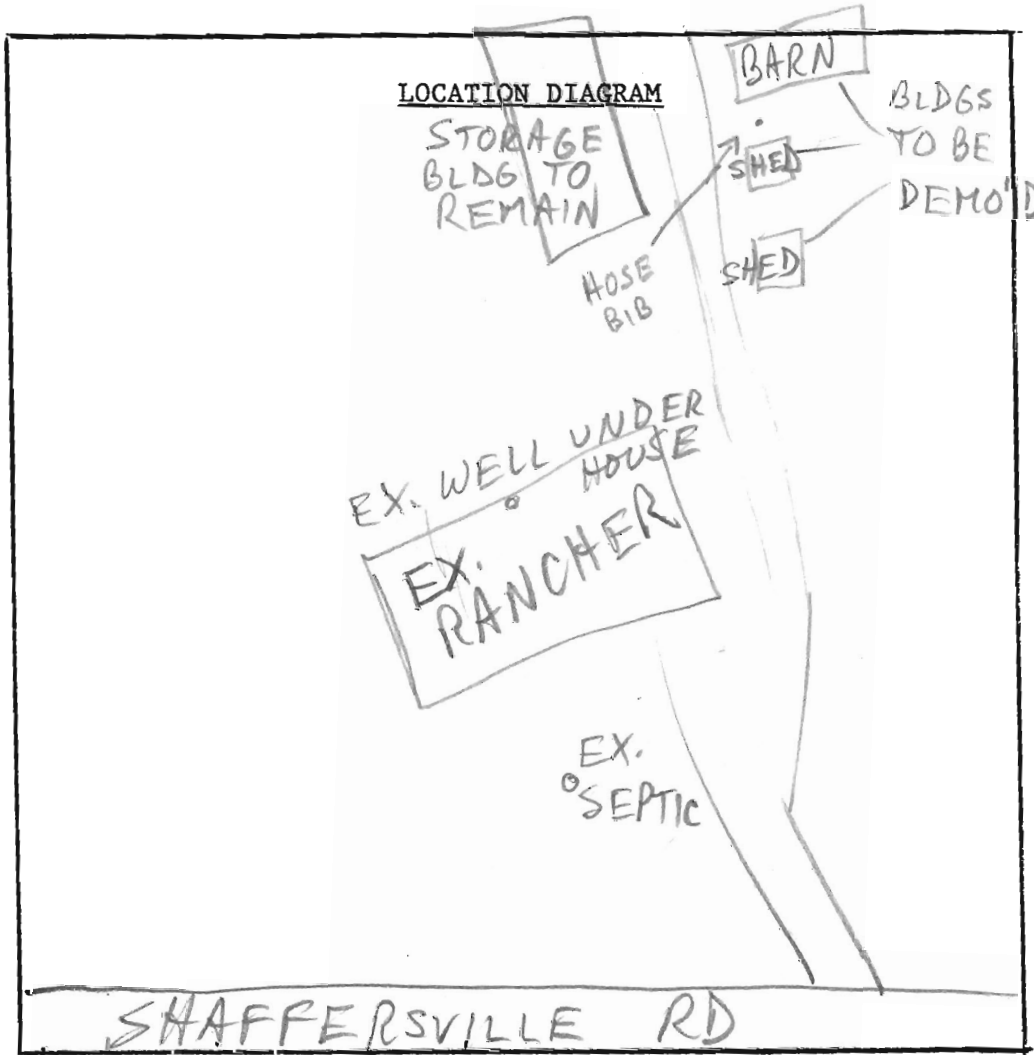
PHONE #: _____
SITE ADDRESS: 1705 Schaffersville Rd

CONTRACTOR: _____

WELL TAG #: _____

COUNTY #: _____

PROPOSAL: Demolition of various sheds, barns, and outbuildings; house to remain



COMMENTS: 2/21/96 NO PLUMBING DBS'D IN BLDGS.; OK TO
ISSUE LETTER RECOMMENDING APPROVAL OF PERMIT
MR

DATE: _____ INSPECTOR: _____



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

February 23, 1996

MEMORANDUM

TO: Robert Zirkle
1705 Shaffersville Road
Mt. Airy, MD 21771

FROM: Mark Rifkin, R.S. *MR*
Water & Sewerage Program
Bureau of Environmental Health

RE: 1705 Shaffersville Road

This is to advise that the Howard County Health Department recommends issuance of the requested demolition permit for the barn and two sheds in the rear of the above-referenced property.

No wells or septic systems were evident on this section of the property. Although the well is more than 100 feet from the sheds, any runoff of water used by the Fire Department should be directed away from the well; the hose bib should also be protected from physical impact.

MR