

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-323882

P 57086

A 36781

DISTRICT 4th

DATE 6/14/94

DATE SYSTEM APPROVED 7/6/94

INSPECTOR C. Bo

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

INDEXED

* Time Expired for F.C.O.P. Compliance

R. L. Burdette

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 4721 Griffith Road, Mt. Airy, Maryland 21771 PHONE 301-831-5517

SUBDIVISION LOT ROAD 1084 Ridge Road (Route 27)

PROPERTY OWNER Om Verma (Flaherty Group, Inc) 946-3900

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 320

Dean Slaughter - Builder
Dean Builders
301-253-5576

240
4
960
320
3/960

TRENCHES - Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 1 1/2 feet of stone below distribution pipe.

LOCATION - Start first trench 280 feet from front lot line and 100 feet from right lot line as seen when facing the property from Route 27. Run trenches along contour toward left side of property. MAINTAIN A MINIMUM OF 100 FEET FROM ALL NEARBY WELLS.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 6/13/94

PLANS APPROVED BY C. Williams/Jane Nadeau REVISED DATE 2/22/90

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

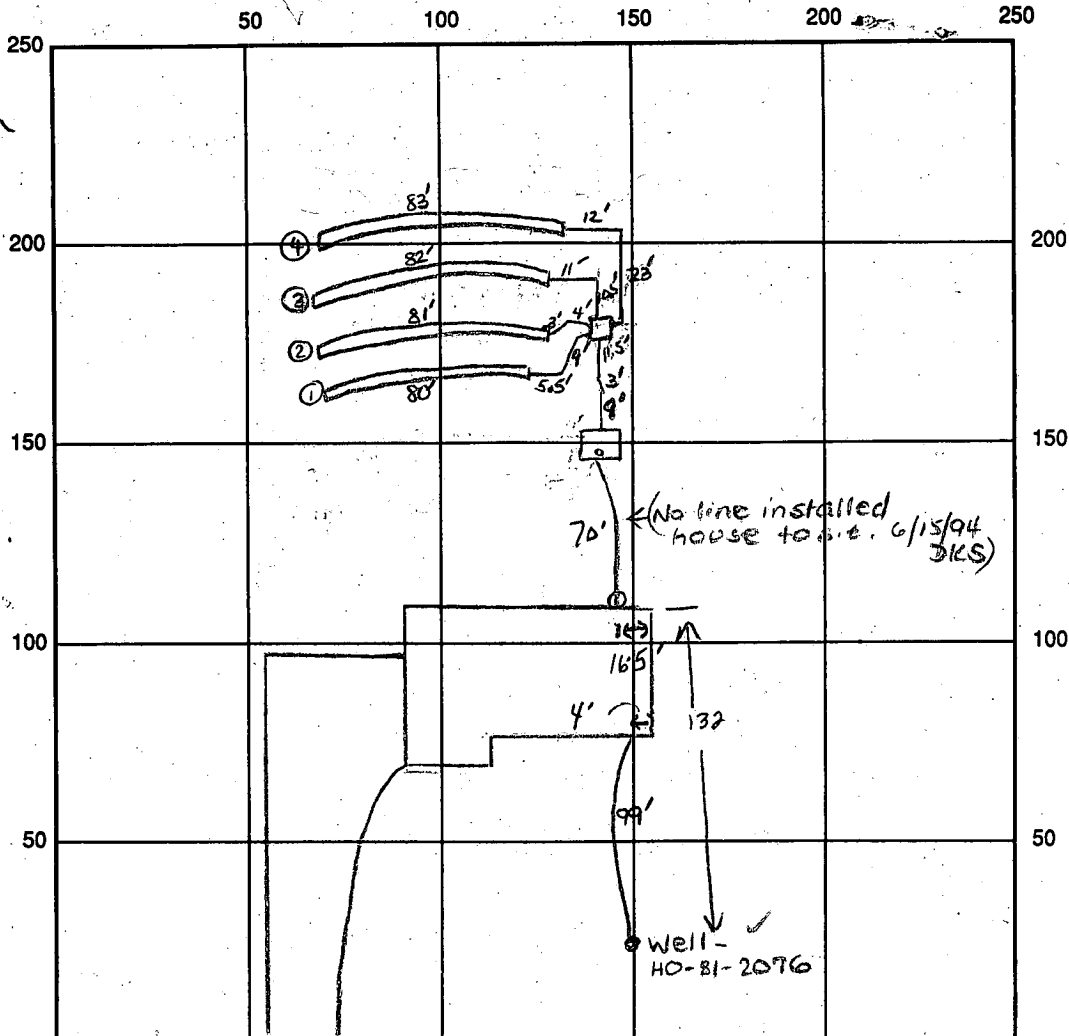
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

A 36781

Plumber -
Paul Friedman
Plumber
881-8660

6-22-94 WPI
Pump tank
in place, relief
valve. Wall
connection OK.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Ridge Rd.

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on septic tank ✓

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT.

TOTAL LENGTH ① 80' ② 82' ③ 81' ④ 83' FT. → 326' total

NUMBER OF TRENCHES 4

~~ONE SIDEWALL~~ BOTTOM AREA 978 SQ. FT.

326
3
978

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 978 SQ. FT.

REMARKS: 6/15/94 OK to cover septic tank, d.b., and trenches.

Need line from house to septic tank. DKS 6-22-94 House connection OK. Need septic tank clean out installed. JEN 7/6/94 S.T.C.O on & well recemented per request of J.E.N./CKel

DATE SYSTEM APPROVED 7/6/94

INSPECTOR Charles B. Sheskin

APPLICATION

PERCOLATION TESTING

A 36781

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE 4/-9/86

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Om VERMA
~~Anne N and Adrian B. Can~~ (Spartan Realty - John C. Dehn)

ADDRESS Route 97 PHONE 253-5900 or 795-3700

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION On Route 27 past Lu & Joe's 1084 Ridge Road (Route 27)

TAX MAP 6 PARCEL # 162

Liber/folio 977/10

SIZE OF LOT 4.02 acre TYPE BLDG. 3 or 4 bedroom
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. /s/ Bud Arnold
(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR TRENCHES DATE 10/8/86

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

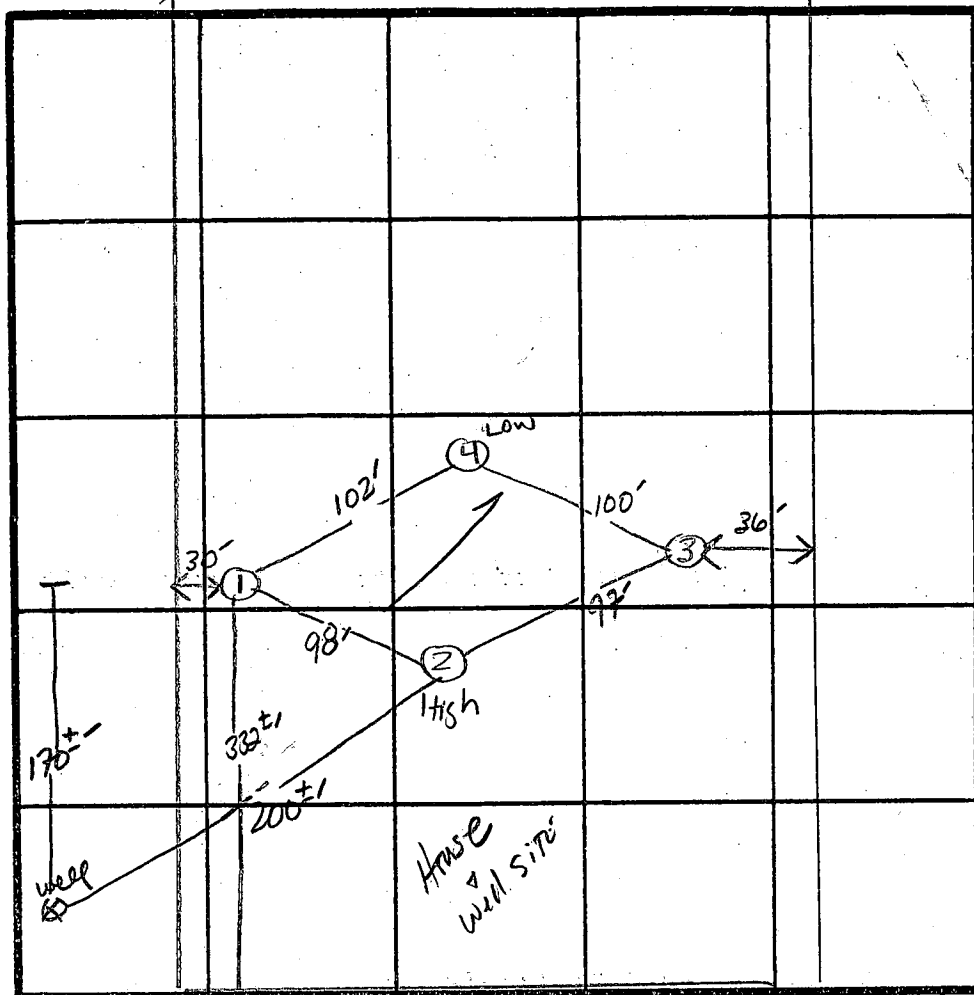
REASONS FOR REJECTION OR HOLDING 4-30-86 Perc Satisfactory; Hold For Certified Well Location;

House & well size; S. Ave
BLDG. PERMIT SIGNED 2/23/94
AND RETURNED Serial # 52588
SFD-4/Bms

THIS IS NOT A PERMIT

A 36781

 ③
 ① ②
 SOIL PROFILE

 0'
 6" A1-3
 YELL. BR.
 SILTY LOAM
 CLAY 9-12%
 10-20%
 FRAGMENTS
 4.0' BROWN
 SILTY SAND
 LOAM
 20-30%
 FRAGMENTS
 SINGLE
 8' SANDY
 SILT
 FRAGMENTS
 40-50%
 WITH DEPH
9.5' to
11'
 ④
 6" A1-3
 BROWN SAND
 LOAM 20%
 COARSE FRAGMENTS
 3' (BROWN SAND)
 LOAM
 30-40%
 SINGLE
 FRAGMENTS
 8.5' COARSE
 FRAGMENTS
 >50%
 NO STRUCTURE
 9.5'

 X PERC
 12 MIN

INLET 3.5

 BOTTOM MAX
 5.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rt 27

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/30/86	1 S	4"	12:38:30	12:56	12:56	1:04	28 min
	1 M	6.5'	12:37:30	12:39	12:39	12:41	2 min
	1 V	9.5'	see Profile				
	2 S	4"	12:43	1:00	1:00	1:30 → 4:11	
	2 M	8'	12:49:30	12:52	12:52	12:57	5 min
	2 V	11'	see Profile same as #1				
	3 S	4"	12:58	1:15	1:15	1:37	22 min
	3 M	7'	1:03	1:04:15	1:04:15	1:06:30	2 min 15 sec
	3 V	10"	same as hole #1				
	4 S	4"	1:10	1:11	1:11	1:13	2 min
	4 M	6"	1:06:30	1:07:15	1:07:15	1:09:45	2.5 min
	4 V	9.5'	see Profile				
	2 S1	5'	1:34	1:39	1:39	1:49	10 min

EFFECTIVE
4.5'

180 φ/BR

REMARKS

holes measured END TO END

TYPE OF SOIL

Mt Airy loam

TESTED BY

S. Abel

ALSO PRESENT

Arnold SS

C1 0378
SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A36781
PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-81-3070

DATE Received 8 13
DATE WELL COMPLETED 9 18 87
Depth of Well 22 285 26 (TO NEAREST FOOT)
OWNER Flaherty & Wine, Inc. last name first name
STREET OR RFD Route 27 TOWN Mt Airy MD
SUBDIVISION SECTION LOT

WELL LOG		
Not required for driven wells		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		
DESCRIPTION (Use additional sheets if needed)	FEET FROM TO	Check if water bearing
Top Soil	0 2	
Brown Shale	2 11	
Brown Slate	11 30	
Blue Slate	30 35	
Brown Slate	35 40	✓
Blue Slate	40 45	
Brown Slate	45 70	✓
Blue Slate	70 285	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 45 46 5 NO. OF POUNDS 45 500
GALLONS OF WATER
DEPTH OF GROUT SEAL (to nearest foot)
from 0 48 TOP 52 ft. to 78 54 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL ST CONCRETE CO
PLASTIC PL OTHER OT
MAIN CASING TYPE
Nominal diameter top (main) casing (nearest inch) 6
Total depth of main casing (nearest foot) 21
EACH CASING

OTHER CASING (if used)
diameter inch depth (feet) from to
EACH CASING

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL ST BRASS BR BRONZE BR
PLASTIC PL OPEN HOLE OT OTHER OT
C2

DEPTH (nearest ft.)
EACH SCREEN
1 H-C 20 285
2
3
SLOT SIZE 1 2 3
DIAMETER OF SCREEN 56 60 (NEAREST INCH)
from to

GRAVEL PACK
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 6
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 10
WHEN PUMPING 5
TYPE OF PUMP USED (for test)
A air P piston T turbine
C centrifugal R rotary O other (describe below)
J jet S submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE: 29
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE (nearest foot)
- below }

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
Pump Line
100'
Well 100'

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.
DRILLERS IDENT. NO. 223
DRILLERS SIGNATURE Ralph E. Mayne
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

6/15/94
AM

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # -0-
Date 6/14/94

Name of Installer SONES OF DAMASCUS

Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner OM VERMA Telephone _____
Subdivision _____ Lot # _____ Well Tag # HO-81-2076
Site Address 1084 RIDGE RD MT AIRY MD 21771

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible _____
2. Make GOULDS
3. Model # _____
4. Capacity _____ GPM

Motor

1. Horsepower 1/2
2. RPM _____
3. Voltage _____
 - a. 110 _____
 - b. 220 X

Pitless Adapter

1. Make _____
2. Model # _____
3. Depth 42"

5. Pump exceeds well capacity Yes _____ No _____
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Tank

1. Capacity 40
2. Pressure relief valve? _____

Piping

1. Type POLY 160
2. Size 1" - 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 275 42

Well data

1. Depth 285 ft.
2. Yield 6 GPM
3. Static water level 40 ft.
4. Will water supply be disinfected by installer? YES

6/15/94 OK to cover
8" above grade DKS
4.5' below grade

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

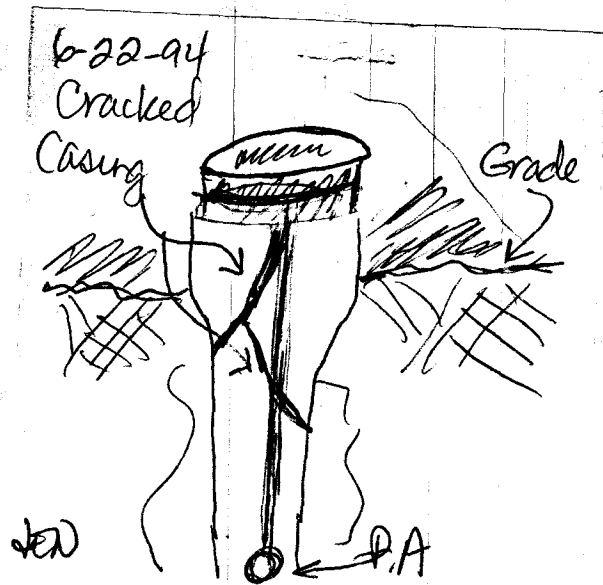
6-22-94 Pump tank
installed with relief
valve. well casing cracked and

Signature of Applicant: [Signature]

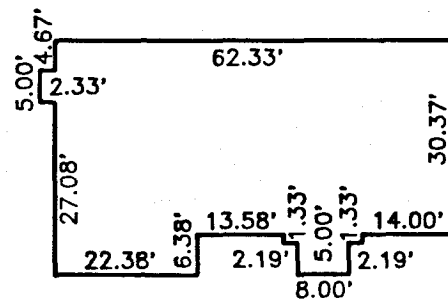
Date: 6-14-94

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

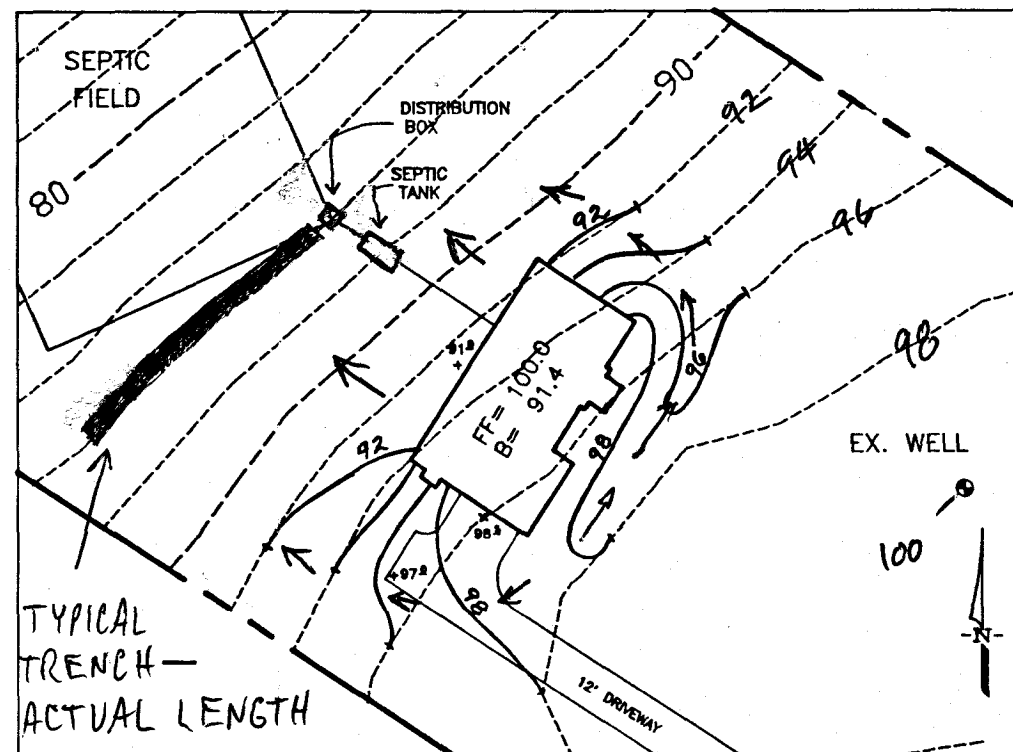
glued. Mr. Verma notified that well
HD-215



SCALE: 1" = 100'

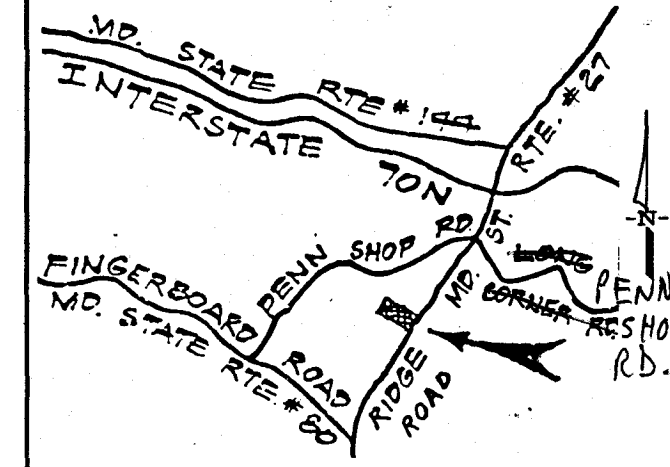


FOUNDATION DETAIL
SCALE: 1" = 30'



SEPTIC FIELD
SEPTIC TANK
DISTRIBUTION BOX
TYPICAL TRENCH—
ACTUAL LENGTH
DETERMINED
BY HEALTH GRADING DETAIL
DEPT.;
10' PIPE PRIOR TO S.T. @ 1-2% Fall

SCALE: 1" = 50'



VICINITY MAP
SCALE: NOT TO SCALE

GENERAL NOTES

- 1.) BOUNDARY INFORMATION TAKEN FROM AVAILABLE DEEDS.
- 2.) ARCHITECTURAL PLANS SUPPLIED BY CLIENT.
- 3.) ALL CONSTRUCTION SHALL CONFORM TO CURRENT HOWARD COUNTY STANDARDS.
- 4.) THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT (1-800) 257-7777 AT LEAST 48-HOURS PRIOR TO BEGINNING CONSTRUCTION.
- 5.) TOPOGRAPHIC INFORMATION: FIELD RUN BY ADVANTAGE ENGINEERING, INC. (2-7-94).
- 6.) FLOOD ZONE "C" PER H.U.D. PANEL 240044-0006B

BENCH MARK - TOP OF WELL ASSUMED ELEV. = 100.00'

LIMIT OF DISTURBANCE = 20,000 SF +/-

SEPTIC INFORMATION

FIRST FLOOR ELEVATION =	100.0
BASEMENT ELEVATION =	91.4
INVERT OUT OF HOUSE =	82.587.0
INVERT INTO SEPTIC TANK =	82.584.0
INVERT OUT OF SEPTIC TANK =	82.383.7
INVERT AT DISTRIBUTION BOX (IN) =	82.483.5
INVERT AT DISTRIBUTION BOX (OUT) =	81.983.0
INVERT AT INITIAL TRENCH =	80.082.5

NOTE: TRENCH LENGTHS TO BE DETERMINED BY THE HOWARD COUNTY HEALTH DEPARTMENT.

APPLICANT:

DEAN SLAUGHTER
DEAN BUILDERS
P.O. BOX 435
DAMASCUS, MARYLAND 20872
(301) 253-5576

PLOT PLAN

PARCEL 162
LONG CORNER
LISBON (4th) ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' FEBRUARY 1994

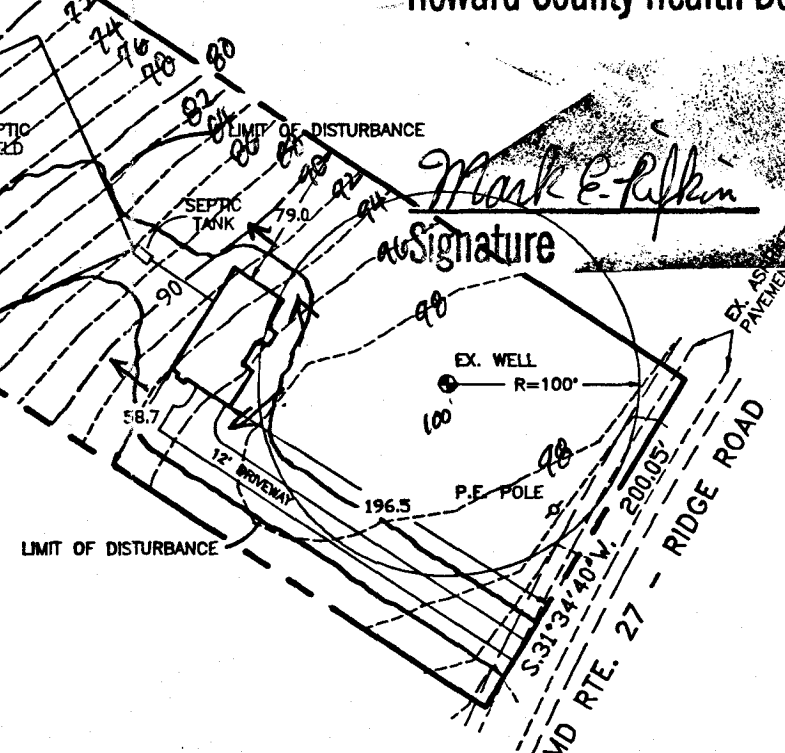
ADVANTAGE ENGINEERING, INC.
P.O. Box 1333
Germantown, Maryland 20875
(301) 607-0124 (800) 284-7401

Fax 301-662-0901



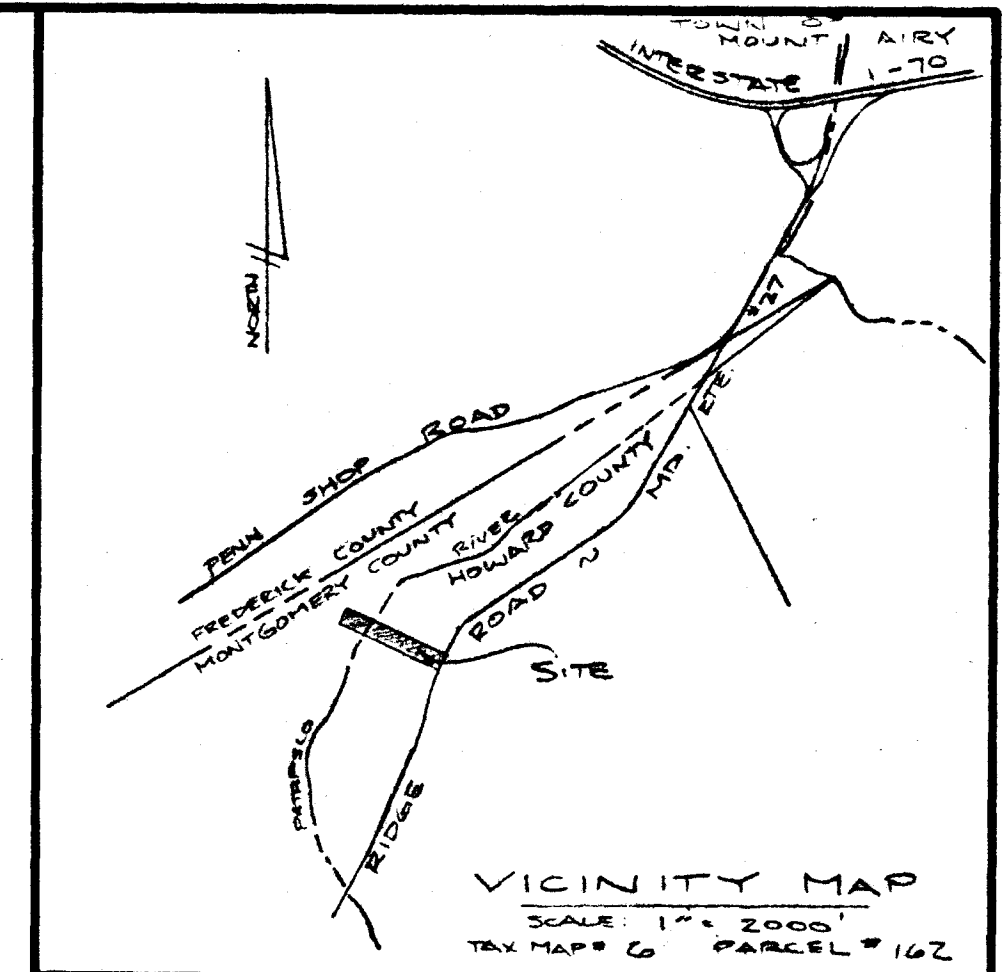
Approved Septic System Plan
Howard County Health Department

Signature: Mark E. Rifkin
Date: 2/23/94



[illegible]

Signed
Plat



Sourabh Munshi 10/6/86
SOURABH G. MUNSHI N. PROF. L.S. N° 10,770 DATE

Percolation areas and water wells for adjoining lots have been shown where pertinent.

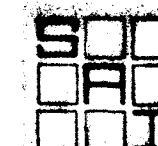
APPROVED: For Private Water and Private Sewage Systems

CW Jerry B. Jones 10 9-86
County Health Officer Date

⊕ - DENOTES EXISTING PERC. TEST HQ.

PERCOLATION TEST PLAT
OF THE
LANDS CONVEYED TO
ANNA NAGORNY GAN
AND
ADRIAN ROSTISLAFF GAN
LIBER 973 FOLIO 010
SITUATED ON RIDGE ROAD ~ MD. STATE RTE. # 27
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

OCTOBER
1986



SHELADIA Associates, Inc.
CONSULTING ENGINEERS
810 A South Main Street, Mt. Airy MD. 21771
(301) 829-2880

SCALE:
1" = 100'