

Tax ID - 05 - 373433

11/5/92 noon 12pm

11/6/92

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48662

A 47814

DISTRICT 5th

DATE 11/4/92

DATE SYSTEM APPROVED 11/10/92

INSPECTOR M. Riskin

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

INDEXED

Donald Parlette IS PERMITTED TO INSTALL ALTER

ADDRESS 6575 Route 32, Clarksville, Maryland 21029 PHONE 531-2140

SUBDIVISION Zepp Property LOT 5 ROAD 13815 Highland Road

PROPERTY OWNER Ronald Shaw Mary Spears

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 230 feet from Highland Road and 80 feet from left property line as viewed from Highland Road. Install trenches on contour toward left property line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/14/92 RJH

PLANS APPROVED BY Ronald J. Pinkley DATE 5/28/92

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

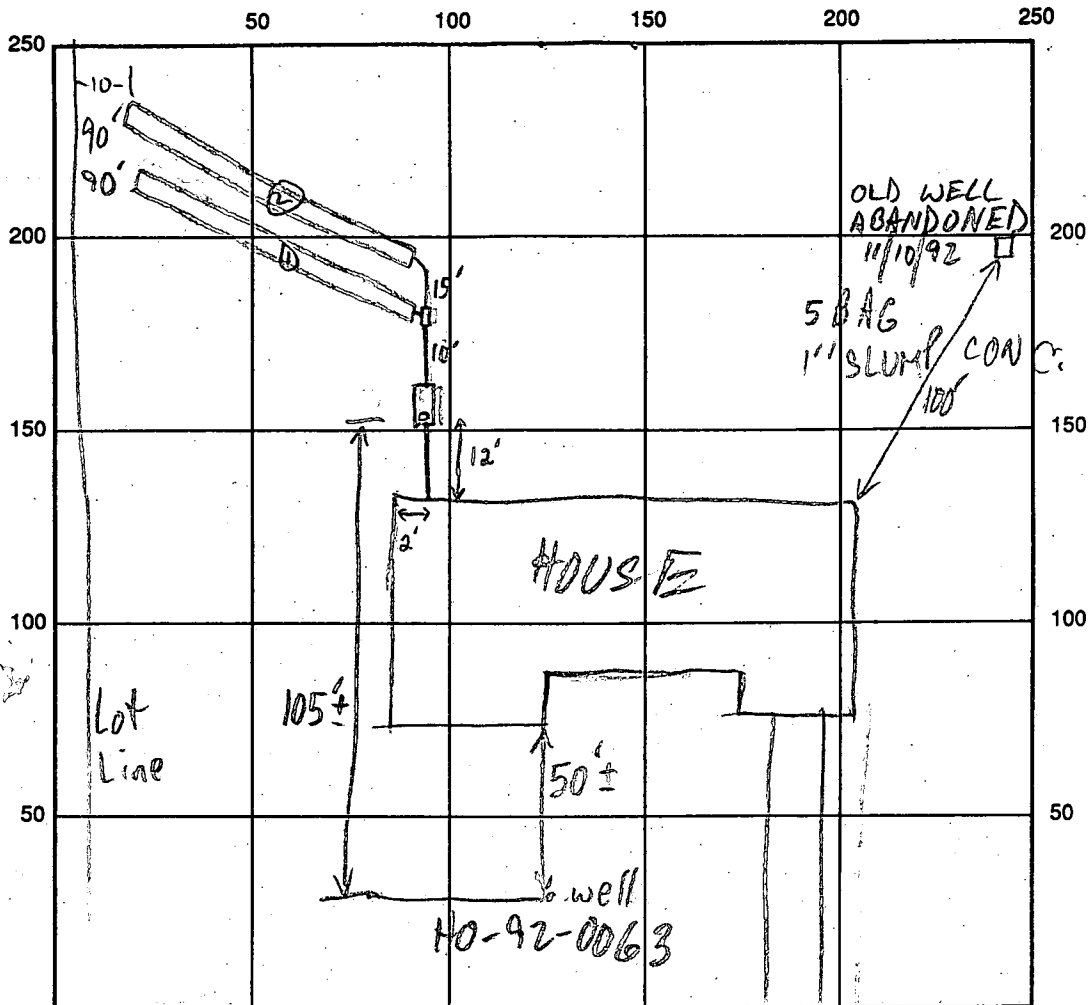
PERMIT VOID AFTER TWO YEARS

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 47814



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 1/4 FT. TOTAL LENGTH 2 @ 90 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 2 @ 360 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS: 11/9/92 OK TO CONTINUE MR

11/10/92 OK TO COVER MR

DATE SYSTEM APPROVED 11/10/92

INSPECTOR M. Riskin

APPLICATION

3/16/92

PERCOLATION TESTING

A 47814
P _____

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

PERMITS OK, PROPOSAL IS FOR
EXISTING HOUSE, WALL, SEPTIC
TO BE ENTIRELY REPLACED,
C.W.

DISTRICT _____
DATE 3/6/92

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 Russell B. Zepp

ADDRESS 13790 Highland Rd PHONE 531-2797
Clarksville Md

PROSPECTIVE BUYER Ronald Shaw - Charles H. Shaw & Son Inc.
Builder

ADDRESS 2079 Rt 32, Clarksville, PHONE 531-5405

PROPERTY LOCATION:

SUBDIVISION NOT KNOWN (ZEPP PROPERTY?) LOT NO. 5

ROAD AND DESCRIPTION 13815 Highland Rd, Clarksville, Md

TAX MAP 34 PARCEL # 335

SIZE OF LOT 8.439 acres TYPE BLDG. Single Family
(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. J. Ronald Shaw
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR Deep Trench System DATE 3/16/92

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Make sure Septic Area Begins 220' (Not 300' of edge of Highland Rd)

BLDG. PERMIT SIGNED
AND RETURNED 4/26/92
Serial # 43981 - STD
3 Bedford

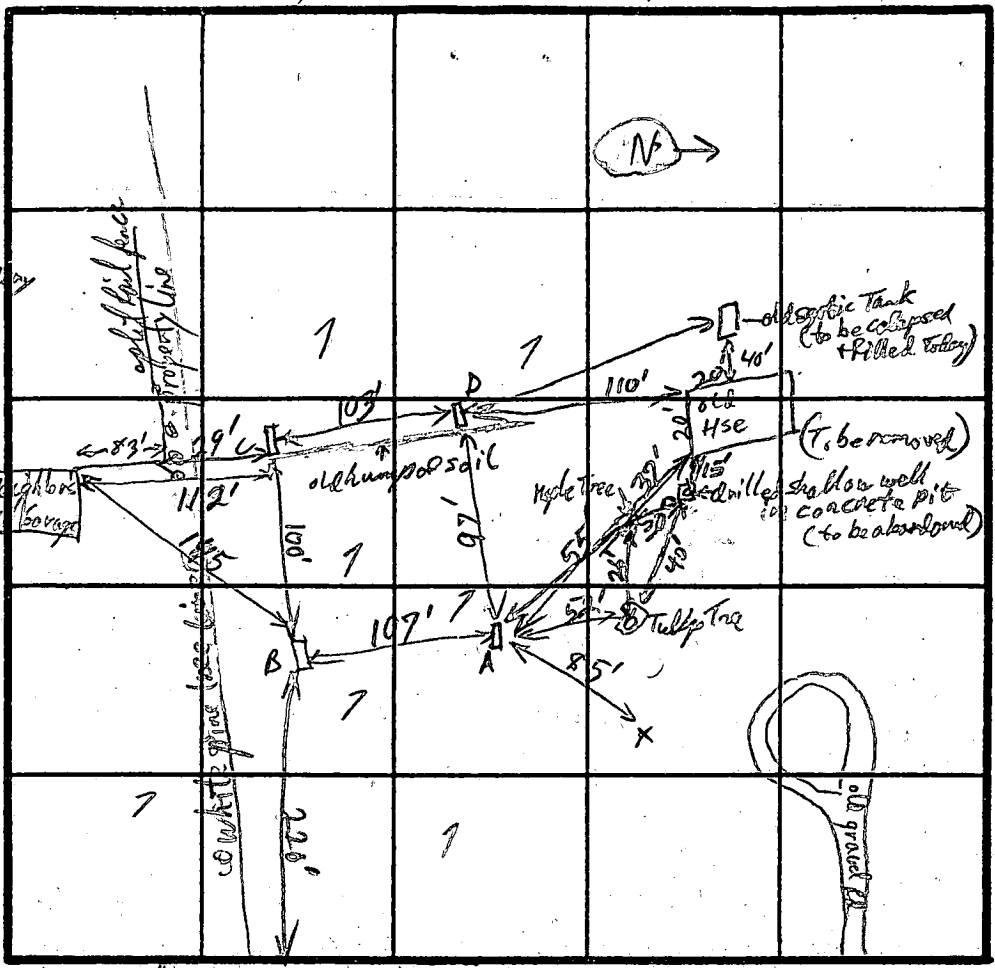
THIS IS NOT A PERMIT

HD-216

Hole A

SOIL PROFILE

0' Dark Brn h Sil
 11" Topsoil
 Reddish yellow - Strcky Brn micaceous SIL
 abrupt undulating boundary
 2 1/2' @ 2 1/2' Mic white and light reddish yellow Ex. micaceous SIL spherulite & large chunks of micaceous talc
 5 1/2' @ 4 1/2' dense siliceous mica loam to 5 ft lighter granular loose loam 5-10'



Hole D

Dark Brn Loam Topsoil
 2 1/2' Yellow Brn h Sil
 1" mica
 2 1/2' Mottled with grey bands in olive Brn h Sil mica
 3 1/2' Dark Brn - Rich olive Brn ex. micaceous clay loam
 13'

Hole B Same as A
 dense siliceous mica loam to 5 ft lighter granular loose loam 5-10'

Hole C
 10' Dark Brn SIL
 2 1/2' Strong Brn h Sil
 6' dark red to red h Sil clay loam
 13 1/2' Yellow - Yellow Brn h Sil clay loam
 Red variegated Very micaceous Loose spherulite

Highland Rd INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/14/92	A	@ 5 1/2'	10:14:26	10:23:16	10:23:16	10:34:20	11 min
		@ 10' & 14'	10:15:25	10:16:40	10:18:40	10:29:50	5 min
	Limited B	@ 4 1/2'	10:27:20	10:53:40	10:53:40	11:42:00	48 min
	Deep Trench only	@ 10 1/2' & 13 1/2'	11:04:55	11:05:00	11:05:00	11:05:30	4 min
	Limited C	@ 6' m & 4 1/2' s	11:58:00	12:00:45	12:00:45	12:04:20	3 1/2 min
		@ 10' & 13 1/2' v	11:19:10	No Movement			(N/A) 25 min
			10:58:30	11:00:20	11:00:20	11:06:00	6 min
	D	@ 5' s	11:30:30	11:31:20	11:31:20	11:32:50	1 1/2 min
		@ 10' & 13 1/2' v	11:20:50	11:23:05	11:23:05	11:26:25	3 min

Topography upland shallow slope 4-6%
 REMARKS Effective Area Starts @ 5 1/2' or deeper
 Make Trenches No Deeper Than 8 ft deep No Shallower than 6 1/2'

TYPE OF SOIL G L B₂, Ch B₂ (Gleddy, Chert. loam)

TESTED BY R.P. [Signature]

Parlette Excavating

ALSO PRESENT

C1 5191 SEQUENCE NO. (DENV 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

PERMIT NO. FROM "PERMIT TO DRILL WELL" **10-43-0063**
 COUNTY NUMBER **A# 47814**

ST/CO USE ONLY
 DATE Received

DATE WELL COMPLETED **052792**

Depth of Well **60**
 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" **10-43-0063**

OWNER **CHARLES A. SHAW + SON**
 last name **13815 HIGHLAND ROAD** first name **HZGLAUD** TOWN
 SUBDIVISION **RUSSELL ZEPP** SECTION LOT **5**

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		Check if water bearing
	FROM	TO	
top soil	0	2	
shale	2	78	-
rock	78	360	✓

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** YES **N** NO
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **20** NO. OF POUNDS **3000**
 GALLONS OF WATER **100**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **80** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST STEEL **CO** CONCRETE
PL PLASTIC **OT** OTHER

MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **84**

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

screen type or open hole insert appropriate code below
ST STEEL **BR** BRASS **HO** OPEN HOLE
PL PLASTIC **OT** OTHER

C2
 DEPTH (nearest ft.)
 1 **HO** 82 360
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (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.) W Q
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **4**
 METHOD USED TO MEASURE PUMPING RATE **Direct**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **38**
 WHEN PUMPING **120**
 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**
 (CIRCLE) (YES or 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:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 LAND SURFACE (nearest foot)

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)
 Lot line
 well X ← 75'
 ↑ 150'

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 26.04.04 "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. **40**
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 [Signature]

SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)