

7/18/96
10:00 A.M. & O.

PERMIT

04-350790

SEWAGE DISPOSAL SYSTEM

P 56953-B

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 38022

INDEXED

DISTRICT 4

HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

DATE 5/29/96

~~461-9933~~ 313-2640

DATE SYSTEM APPROVED 7/18/96

INSPECTOR [Signature]

Bernard Brothers Construction Company, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 1612 Brittle Branch Way, Woodbine, MD 21797 PHONE 489-7621

SUBDIVISION Sharp Farms LOT 24 ROAD 3706 Appleby Court

PROPERTY OWNER David and Rosa ~~Heckh~~ Heckie

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS *INSTALL 100' LENGTH TRENCHES EXTENDING OUTSIDE THE SEPTIC EASEMENT AS SHOWN ON THE SITE PLAN*

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start trenches 150' in from rear lot line - 369' in length and 200' in from left lot line section - 385' in length when facing lot from Appleby Court

NOTES - Run trenches on contour. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. Install 100' length trenches extending outside the septic easement as shown on the site plan. OK 5/29/96 AU

PLANS APPROVED BY Glen Savage REVISED _____ DATE 4/30/96

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

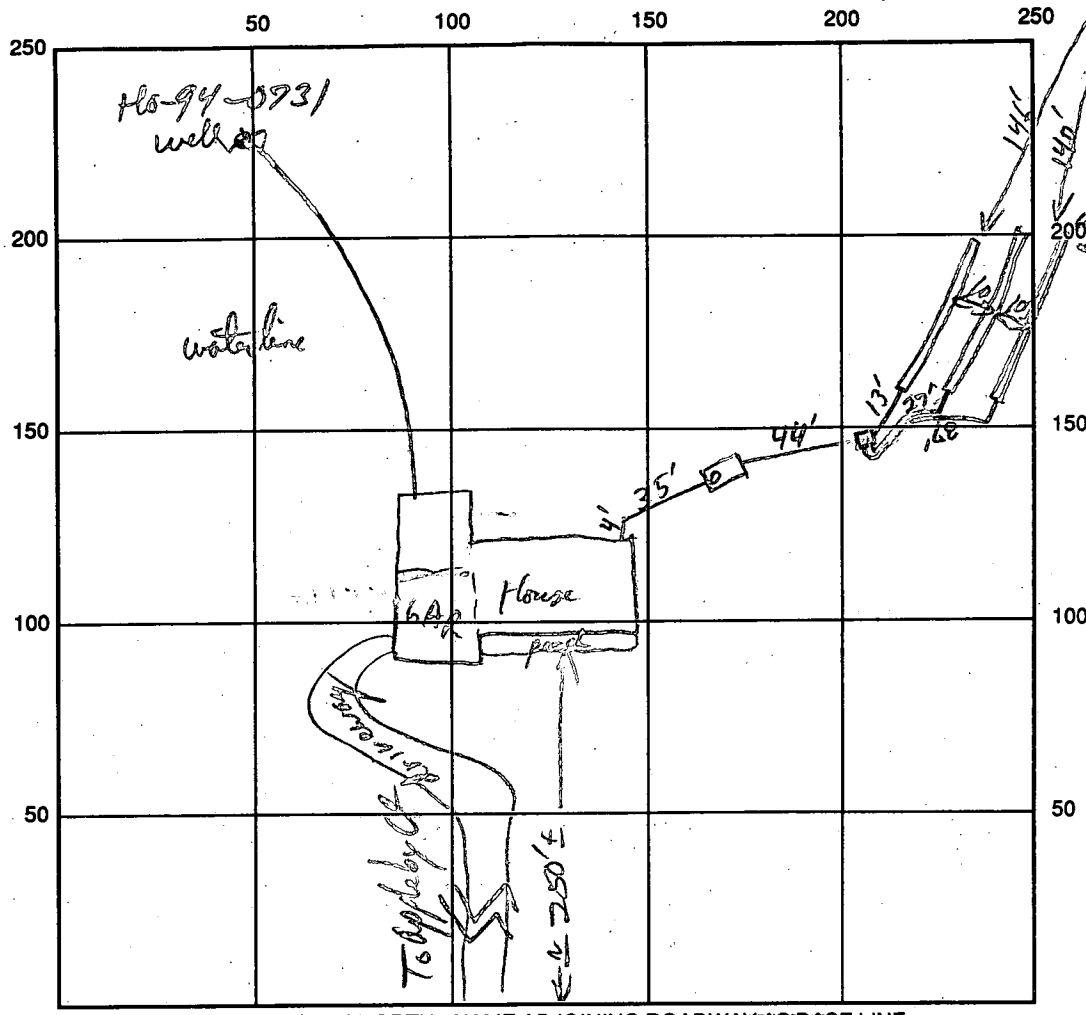
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

~~SEWER PERMIT~~
~~AND RETURNED~~ 3-7-02
BOD 134728 - PATW

A 38022



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS 57
 DISTRIBUTION BOX LEVEL ✓
 DRAIN FIELD/TITLE DEPTH 6 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH 112/3 FT. 93/92/93 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.
 DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS: Finished Septic System is OK to cover. R/P 7/18/96
House Connection OK

WPI after check waterline OK @ 4 1/2' R/P 7/18/96
 DATE SYSTEM APPROVED 7/18/96 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

*11/17/86
perc OK'd pending
approved
final*

A 38022

P _____

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

DISTRICT _____

DATE 11/17/86

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 CHARLES A. SHARP

ADDRESS 3779 SHARP N GLENWOOD PHONE 4894630

PROSPECTIVE BUYER N/A

ADDRESS N/A PHONE N/A

PROPERTY LOCATION:

SUBDIVISION CHARLES A SHARP PROP. LOT NO. #3 *24 on Final*

ROAD AND DESCRIPTION SHARP ROAD

TAX MAP 21 PARCEL # 86

SIZE OF LOT 3.24 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.

Charles A. Sharp
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for certified field located holes

THIS IS NOT A PERMIT

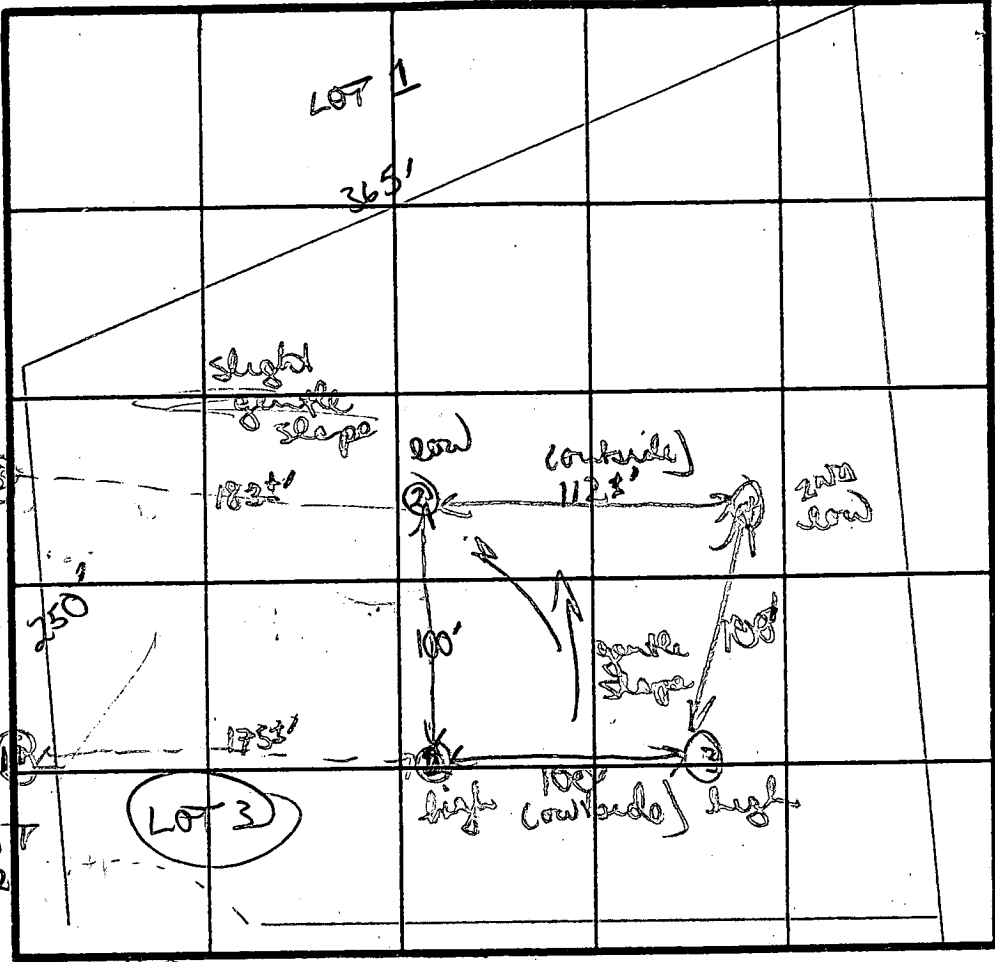
210 A / BDRM
 INLET 3 1/2"
 MAX D. 5 1/2"

②
 SOIL PROFILE

AP ZONE
 brown/red clay sand loam 3'
 brown/lighter brown silty mica loam 15 1/2"
 ↓ small mica sand

④

AP ZONE 4 1/2"
 Red orange Chester soils (<5% small gravel frags) 4 1/2"
 brown/orange yellow silty mica loam



red/orange clay/clay loam 3 1/2"
 to yellow brown silty mica loam w/ scattered frags 3-5"
 ↓ rock to silty loam

12'D
 ③

Similar to hole 1 w/ clay/clay loam to 4 1/2"

12'D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	②	3'5"	222	233	233	254	21min
		8'1"	227	237	237	248	11min
		12'D	bottom (see profile)				
	①	4'5"	232	238	238	241	5min
		12'D	bottom (see profile)				
	③	4'5"	247	302	302	335	stopped down
		5'8"	358	401	401	405	
		8'1"		silty soils to #2 at 8'			
		12'D	bottom (see profile)				
	④	4 1/2"	255	325	325		stopped shelled
		5 1/2"	400	448	448	452	
		12'D	bottom (see profile)				

REMARKS: No 150, but still prefer shallow system
 Soils fairly uniform

TYPE OF SOIL: Chester soils Top 5'; silty mica loam

TESTED BY: B Nijer ALSO PRESENT: C. Sharp / sid

When Tested?

EH-12-1079

C1 1826

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A38022

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 040896

Depth of Well 220 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-0731

OWNER HECKLE, DAVID last name first name STREET OR RFD APPLEBY CT TOWN Glenelg SUBDIVISION SHARP FARMS SECTION LOT 24

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for Topsoil, Clay, Br. micaceous sandstone, Br. mica w/ quartz, Gravel Bld, Br. Sandstone, Tan Sandstone, Gray mica, Fractured mica, Gray mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 48, NO. OF POUNDS 4800, GALLONS OF WATER 240, DEPTH OF GROUT SEAL (to nearest foot) from 0 to 53 ft.

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 200.

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

SCREEN RECORD: screen type or open hole (ST), BRASS (BR), OPEN HOLE (HO), PLASTIC (PL), OTHER (OT).

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED (N).

CIRCLE APPROPRIATE LETTER: 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...

DRILLERS IDENT. NO. MWD 040, DRILLERS SIGNATURE, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

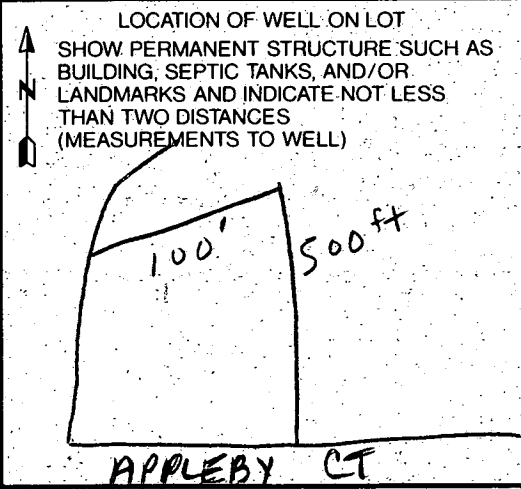
DEPTH (nearest ft.) table with columns for depth intervals (1-10, 11-20, 21-30, 31-40, 41-50, 51-60) and slot size/diameter of screen.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER), TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 10, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 27, WHEN PUMPING 29, TYPE OF PUMP USED (for test) submersible (S).

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. CAPACITY: GALLONS PER MINUTE (to nearest gallon), PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height) above, LAND SURFACE (nearest foot) 2.



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 # _____
Date _____

Name of Installer K.H. Plumbing

Telephone 410-857-0255

License Number 8300
Certified Well Pump Installer _____

Well Driller _____

Registered Plumber

Name of Property Owner Heckle
Subdivision Sharps Farm Lot # _____
Site Address 3706 Applebey Ct.

Telephone _____
Well Tag # HO-94-0931

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make _____
- Model # _____
- Capacity _____ GPM

Motor

- Horsepower _____
- RPM _____
- Voltage _____
 - 110 _____
 - 220 _____

Pitless Adapter

- Make _____
- Model # _____
- Depth 42"

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

Tank

- Capacity _____
- Pressure relief valve? yes

Piping

- Type 160
- Size 1"
- NSF and/or BOCA Code approved yes
- Depth of supply line 42"

Well data

- Depth 200 ft.
- Yield 9 GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? _____

*pitless adapter + waterline
OK to cover @ 4 1/2'
RJP 9/18/96*

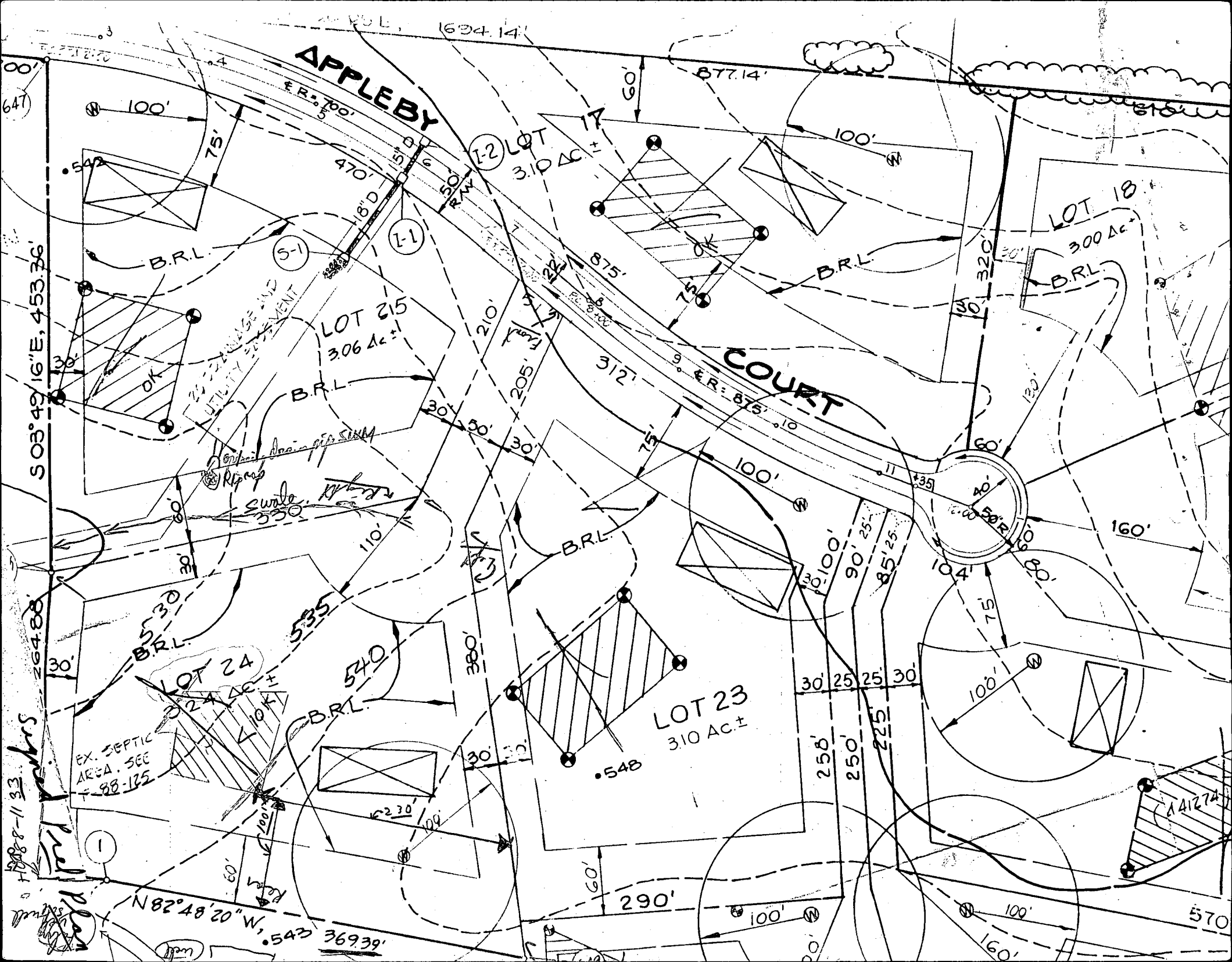
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: K.H. Heckle

Date: 5-10-96

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



APPLEBY

COURT

LOT 25
3.06 Ac.±

LOT 23
3.10 Ac.±

LOT 24
2.24 Ac.±

LOT 17
3.10 Ac.±

LOT 18
3.00 Ac.±

N 82° 48' 20" W, 543.36939'

S 03° 49' 16" E, 453.36'

264.88'

1008-8-11 33

Handwritten notes and signatures at the bottom left corner.

E.R. = 700'

877.14'

100'

75'

470'

50'

1-2

1-1

5-1

875'

100'

320'

LOT 25
3.06 Ac.±

B.R.L.

210'

205'

312'

E.R. = 875'

B.R.L.

30'

B.R.L.

Ramp

Swale

B.R.L.

LOT 24
2.24 Ac.±

B.R.L.

B.R.L.

100'

104'

80'

160'

EX. SEPTIC AREA. SEE 88-125

548

30'

25'

25'

30'

255'

250'

225'

100'

100'

570

160'

Handwritten initials 'JPM'

REICH SUBDIVISION

LOTS 1-4
PLAT NO. 3858

Property of
BRUNO & BRUNO V. REICH
928/323

MARV.

LOT 4

Surveyed Frank Plot

588'-26'-25" E 1694.14'
1061.00'

APPLEBY

LOT 17
3.254 AC.

COURT

LOT 25
3.029 AC ±

LOT 24
3.301 AC.

LOT 23
3.098 AC

