

11-13-98  
1:00  
2/11/00 11:00

11/16/98 Needs pump  
check  
P 511057

# PERMIT

SEWAGE DISPOSAL SYSTEM 04 350952

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 43246

DISTRICT 4th

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXXXXXX~~ 410-313-2640

INDEXED

DATE 10/20/98

DATE SYSTEM APPROVED 2/11/00

INSPECTOR *[Signature]*

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 558 Obrecht Road Sykesville, Maryland 21784 PHONE (410) 795-5674

SUBDIVISION Cattail Creek Country Club LOT 6 ROAD 3609 Black Walnut Lane

PROPERTY OWNER John & Diane Kenworthy

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAMED - <sup>11/9/98</sup> install 1500 gal septic tank & 1000 gal pump chamber *AK*

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 120 feet off the 377.39' lot line and 260 feet off the 324.77' lot line as seen when facing the lot from the pipestem. Run trenches on contour towards the 377.39' lot 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 KM 4-6-98*

PLANS APPROVED BY Donna K. Soe DATE 04/01/98

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

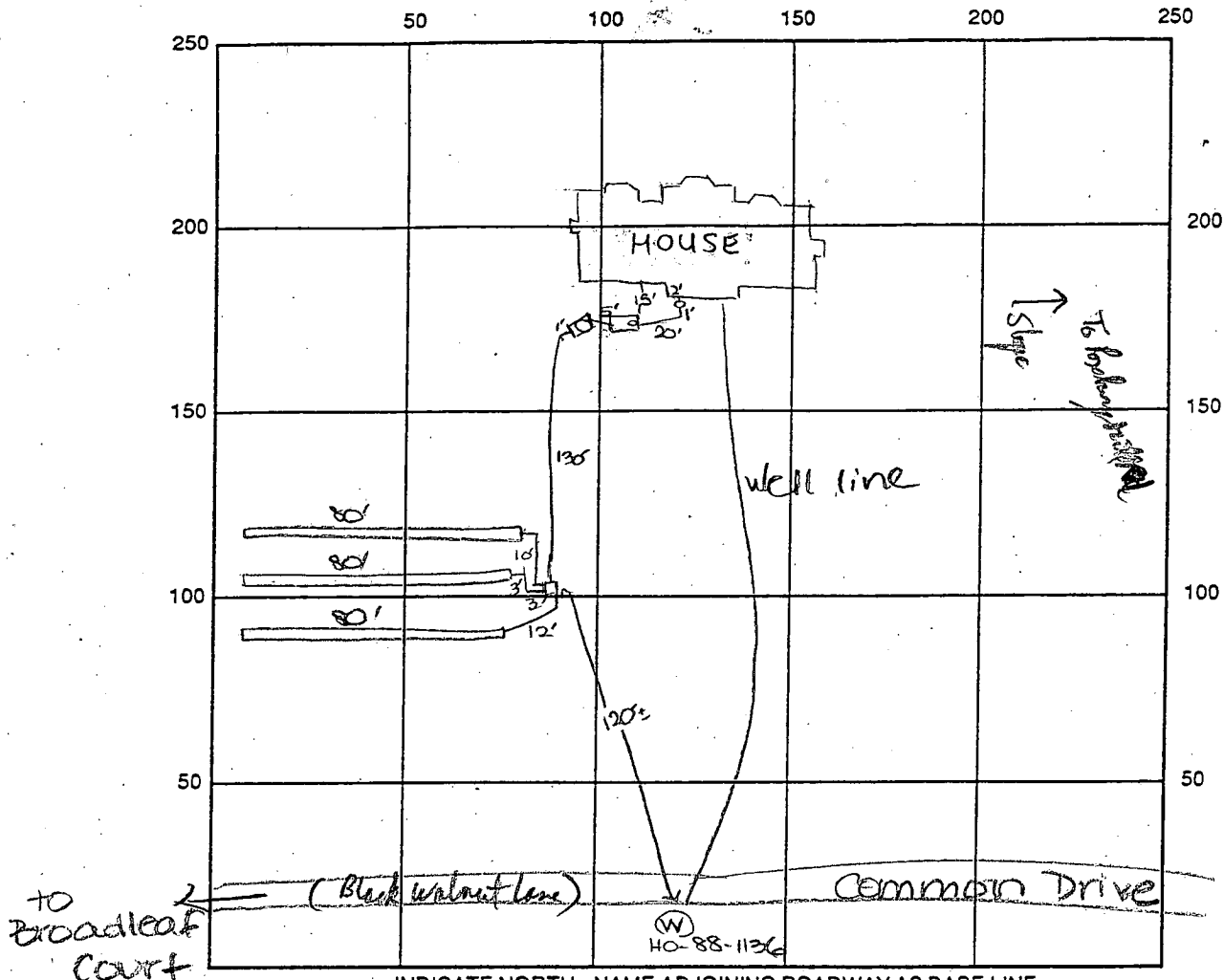
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 43246

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1000 gal t.s. pump pit  
 1500 gal t.s. SEPTIC CLEANOUTS one on sit., manhole on pump pit  
 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 3 x 80 FT. → 240  
 NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 720 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: 11/13/98 OK to cover all septic work - needs septic pump check. DKS inspect OK (Alana + on/off flats both work as designed)  
2/11/00 RJP

11/13/98 WPI - well line, P.A. 3.5' below grade; well casing 1' above grade; 2pc cap installed; pvc conduit pipe OK - OK TO COVER.

DATE SYSTEM APPROVED 2/11/00 INSPECTOR RJP

DKS



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*  
August 22, 1994

Mr. Timothy Feaga  
c/o American Properties, Inc.  
10805 Hickory Ridge Road  
Columbia, Maryland 21044

RE: Percolation Test Results  
Property ID: Cattail Creek Country Club  
Subdivision - Lot 6 and Lot 7

Dear Mr. Feaga:

Percolation testing conducted August 18, 1994 on Lot 6 confirmed soil conditions to be satisfactory for installation of a standard shallow trench system.

A walk-over inspection of Lot 7 revealed two complications to the platted sewage easement. A failed test location was inadvertently included in the front-right corner of the easement and a paved right-of-way adversely impacts one entire edge of the easement. As discussed, the suggested solution would be to revise the sewage easement away from the paved area and toward the common boundary with Lot 6.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100 feet of property boundaries have been shown.

This plat should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the below address or by calling 313-2640.

Very truly yours,

*Charles B. Streaker, R.S.*

Charles B. Streaker, R. S.  
Water and Sewerage Program

CBS:jr

cc: Fisher, Collins and Carter  
File

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TOPSOIL SPECIFICATIONS FOR SITES UNDER 5 ACRES:  
 PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION- SECTION 1 VEGETATIVE STABILIZATION METHODS AND MATERIALS 1994 MARYLAND STDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

**Approved Septic System Plan**  
**Howard County Health Department**

*[Signature]* 4/1/98  
 Signature Date

Total linear feet of trench required 240 feet  
 Width of trench(es) 3 feet  
 Depth of trench(es) 5 feet  
 Depth of stone required below distribution pipe 1.5 feet

100 LBS./ACRE (200 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER USE 340 GALLONS PER ACRE (6 GAL./1,000 SQ.FT.) FOR ANCHORING.

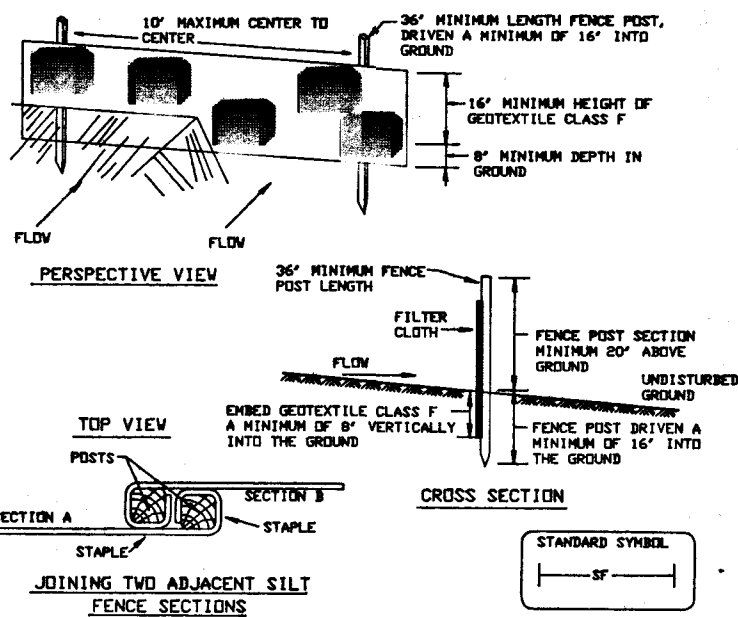
**MULCHING**

APPLY 1 1/2 TO 2 TONS PER ACRE (10 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES. ON SLOPES 8 FEET OR HIGHER USE 340 GALLONS PER ACRE (6 GAL./1,000 SQ.FT.) FOR ANCHORING.

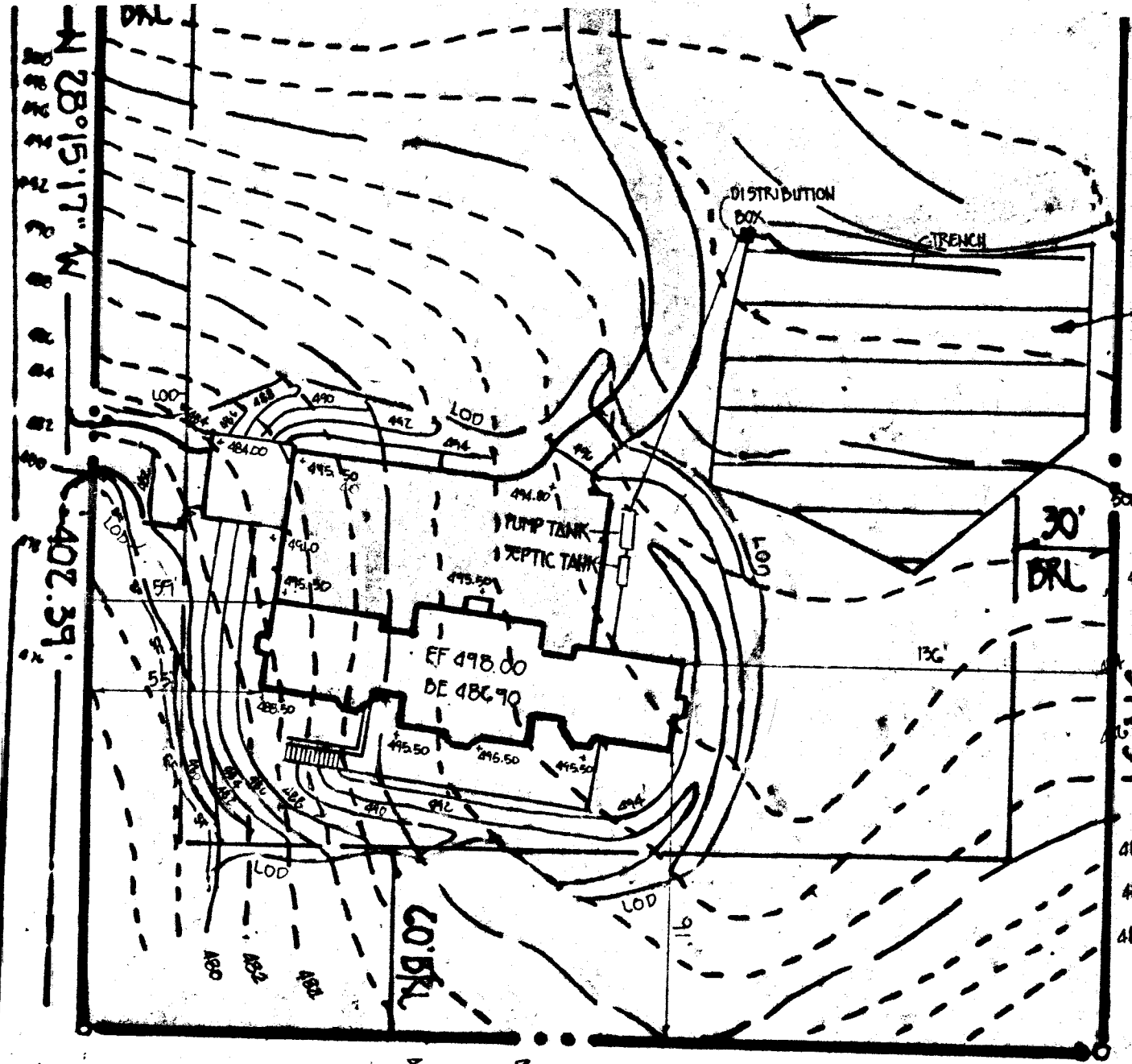
**MAINTENANCE**

INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

• FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

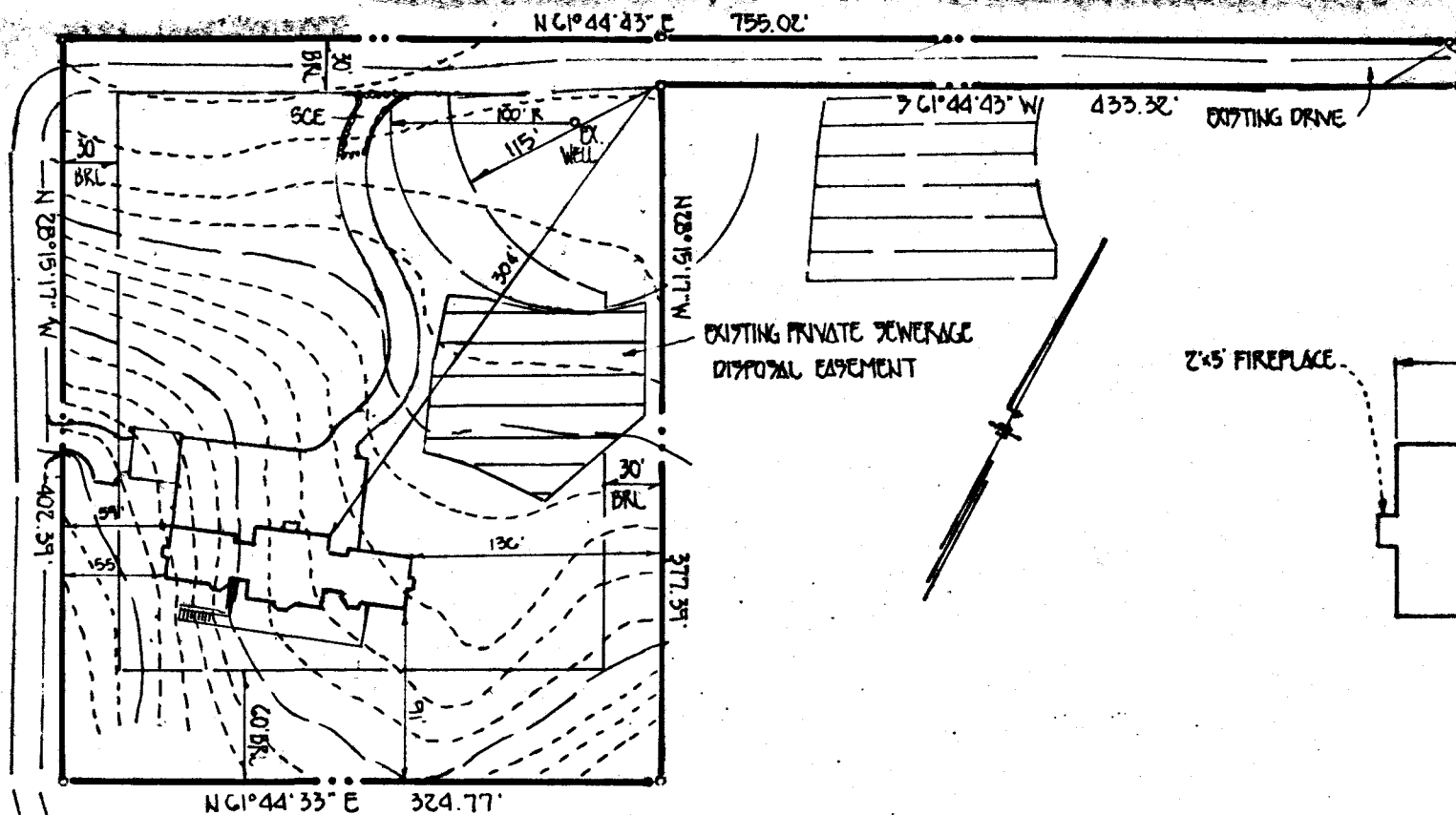


**SILT FENCE**  
 NOT TO SCALE



**PLAN**

SCALE: 1" = 50'



**PLAN**

SCALE: 1" = 100'

**TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:**  
 TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.

TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

WHERE THE TOPSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-6 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.

**CATTA**

TAX MAP 21  
 FOURTH ELEC  
 SCALE: 1" = 50'

2/22/84 PA-LATE 204960  
CAPTER 3 LOT MORNING PERC

# APPLICATION

8/18/84  
1020

## PERCOLATION TESTING

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

PROGESS OK  
NO FEE  
TO CONFIRM INTEGRITY OF  
PLATTED EASEMENT.  
MANY FAILED HOLES IN  
VICINITY - ~~LOT CHANGE~~ CHANGE  
A BOUT  
CW

A 43246  
P \_\_\_\_\_  
DISTRICT 4  
DATE 12/9/88

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 DIANE John Kennedy  
Egwood Farm C/O Land Design + Development  
ADDRESS 8307 Main St PHONE 461-4600  
PROSPECTIVE BUYER N/A  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:  
SUBDIVISION Clark Sycamore Valley LOT NO. A  
ROAD AND DESCRIPTION Roxbury + Dorsey Mill  
3609 Black Walnut Lane  
Sub # 1110/36  
SFD-4Bn

TAX MAP 21 PARCEL # 6  
SIZE OF LOT 3.6 AC. TYPE BLDG. SFD - 2 level garage  
(SINGLE FAMILY DWELLING OR COMMERCIAL)  
OLD PERMIT SIGNED AND RETURNED 4-1-98  
Sub # BR 110942

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.  
Mal Ken  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# THIS IS NOT A PERMIT

HD-216

COUNTY #

SOIL PROFILE

0'

Vertical rectangular box for soil profile notes on the left side.

Vertical rectangular box for soil profile notes on the left side.

Vertical rectangular box for soil profile notes on the left side.


SOIL PROFILE

0'

Vertical rectangular box for soil profile notes on the right side.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 43246

P \_\_\_\_\_

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

DISTRICT 4

DATE 12/9/88

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 Eggenwood Farm Inc C/O Land Design + Development

ADDRESS 8307 Main St PHONE 461-4620

PROSPECTIVE BUYER N/A

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Clark Sycamore Valley LOT NO. New #6 final

ROAD AND DESCRIPTION Roxbury + Dorsey Mill

TAX MAP 21 PARCEL # 6

SIZE OF LOT 3.6 AC. TYPE BLDG. SFD  
(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.

Mal Ken  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

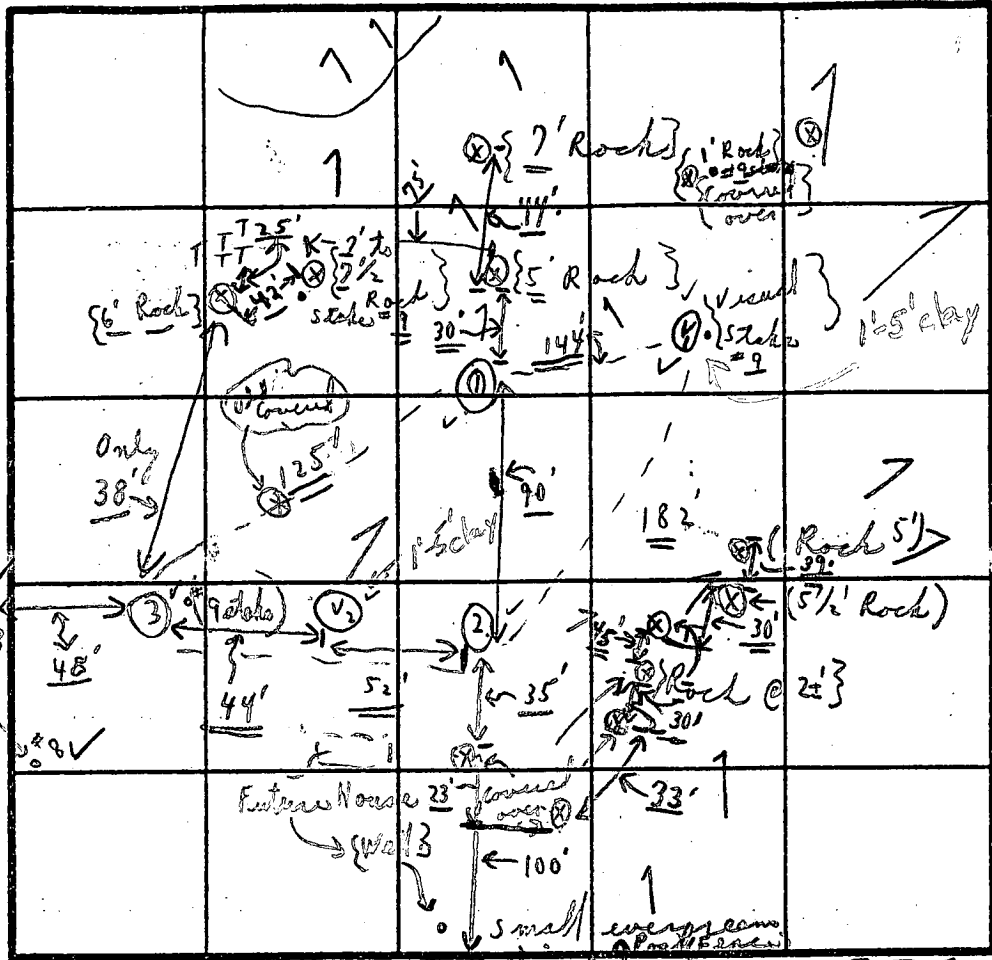
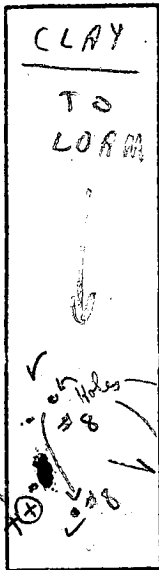
HD-216

# THIS IS NOT A PERMIT

743246

New #6

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

1st Street, 1st St, 4th St, Bob White

average  
5 min  
unless

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
1/5/89	①	4'	12:48	12:50	12:50	12:54	2 min
		12'			LOAM		
	②	4'	12:50	12:52	12:52	12:57	5 min
		12'			LOAM		
	③	4'	1:00	1:02	1:02	1:05	3 min
		8'	1:00	1:01	1:01	1:04	3 min
	V2	12'	1'-5' Clay 5'-12' (LOAM)				
	V1	10' 10"	1'-5' Clay 5' & 10'-10"		LOAM	15%	Small Rock

REMARKS

(Tests in open near #8)

TYPE OF SOIL

Ground snow covered

TESTED BY

C. B. S.

ALSO PRESENT

{ Same as #8 }

PROPERTY OF

VALIES RICHARD ABE

WARILYN S ABE

1000 / 452

RECOMMENDED

TEST LOCATIONS

DISCUSSED

WITH TIM FEAGA

8/12/04

CW

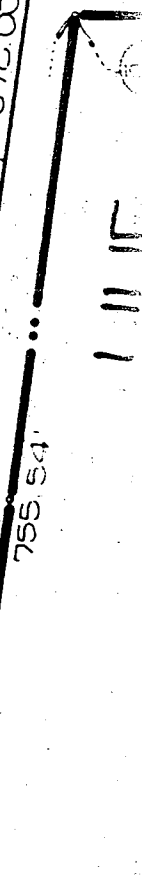
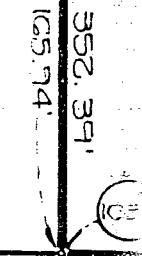
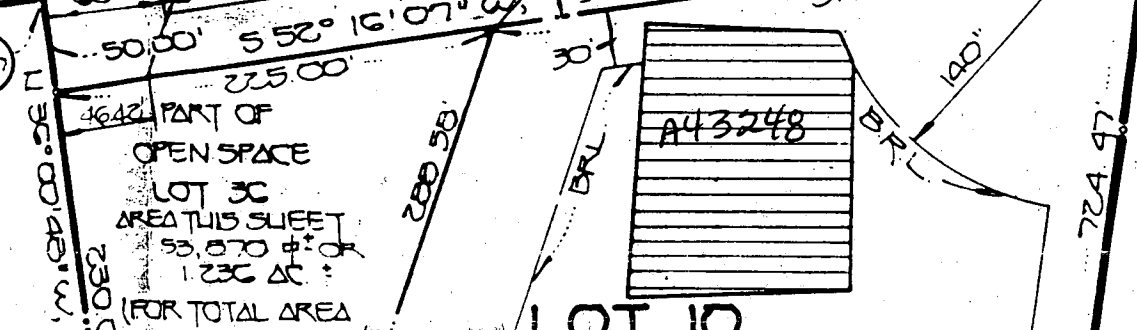
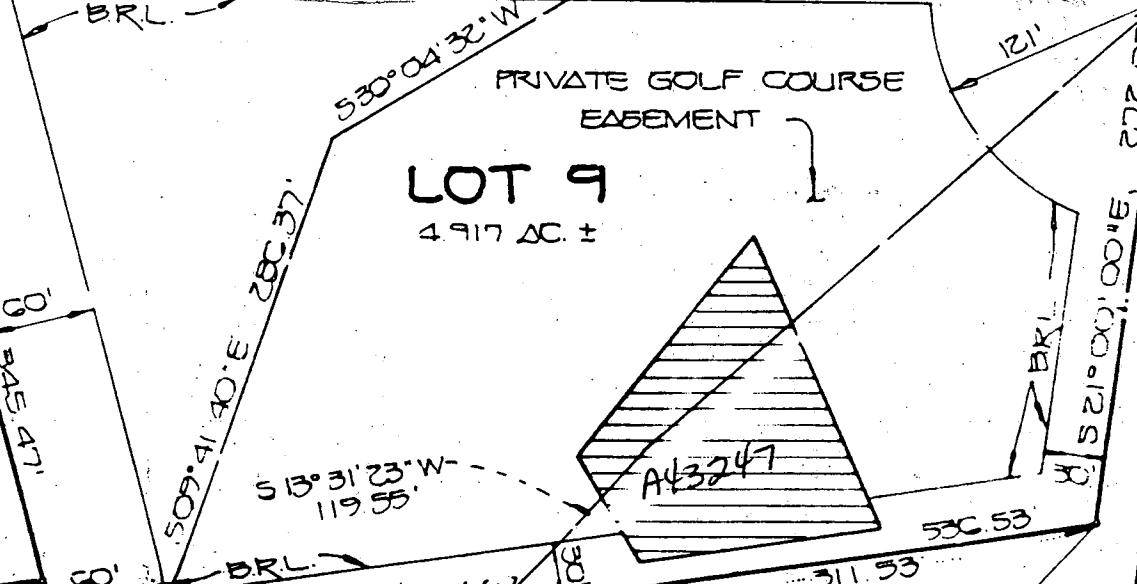
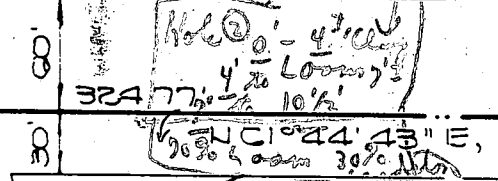
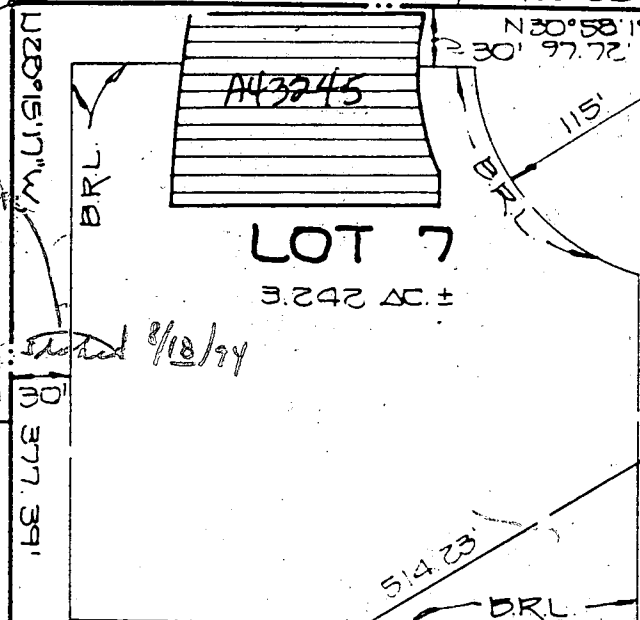
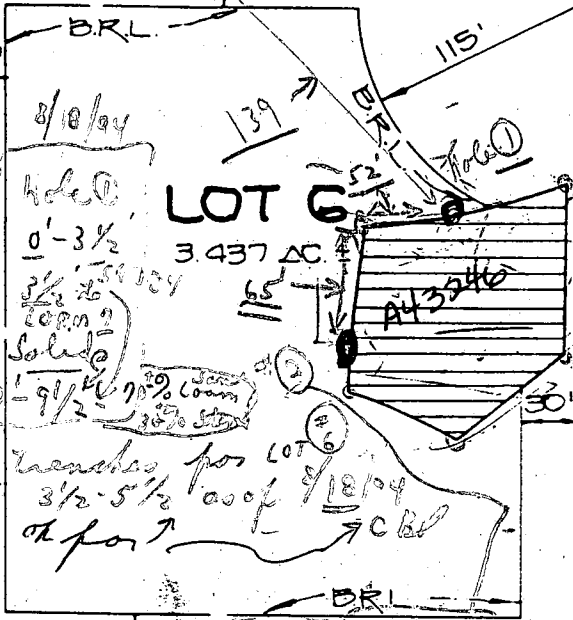
1303.76'

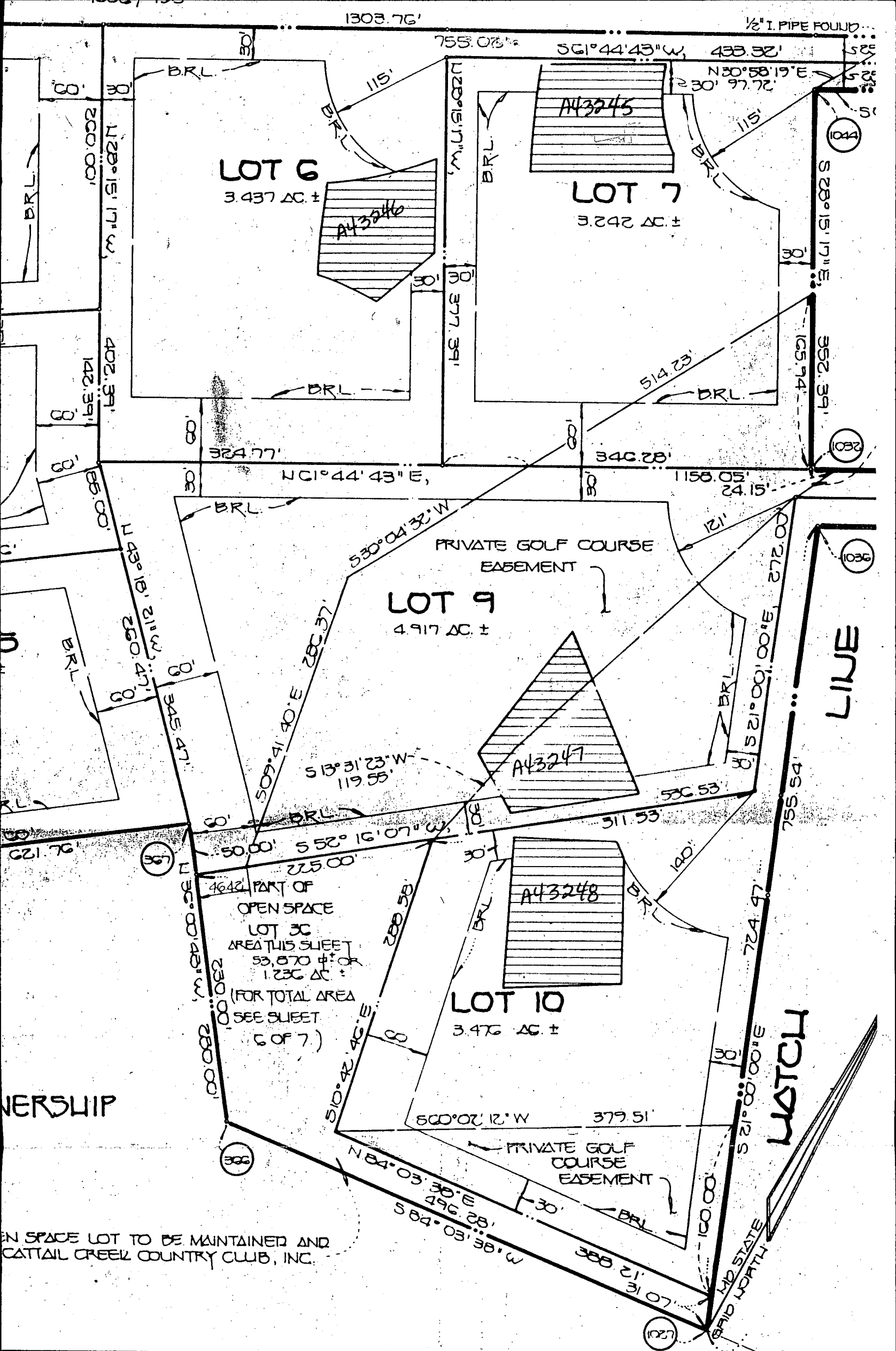
755.02'

S61°44'43"W

433.32'

1/2" I. PIPE FOLIO





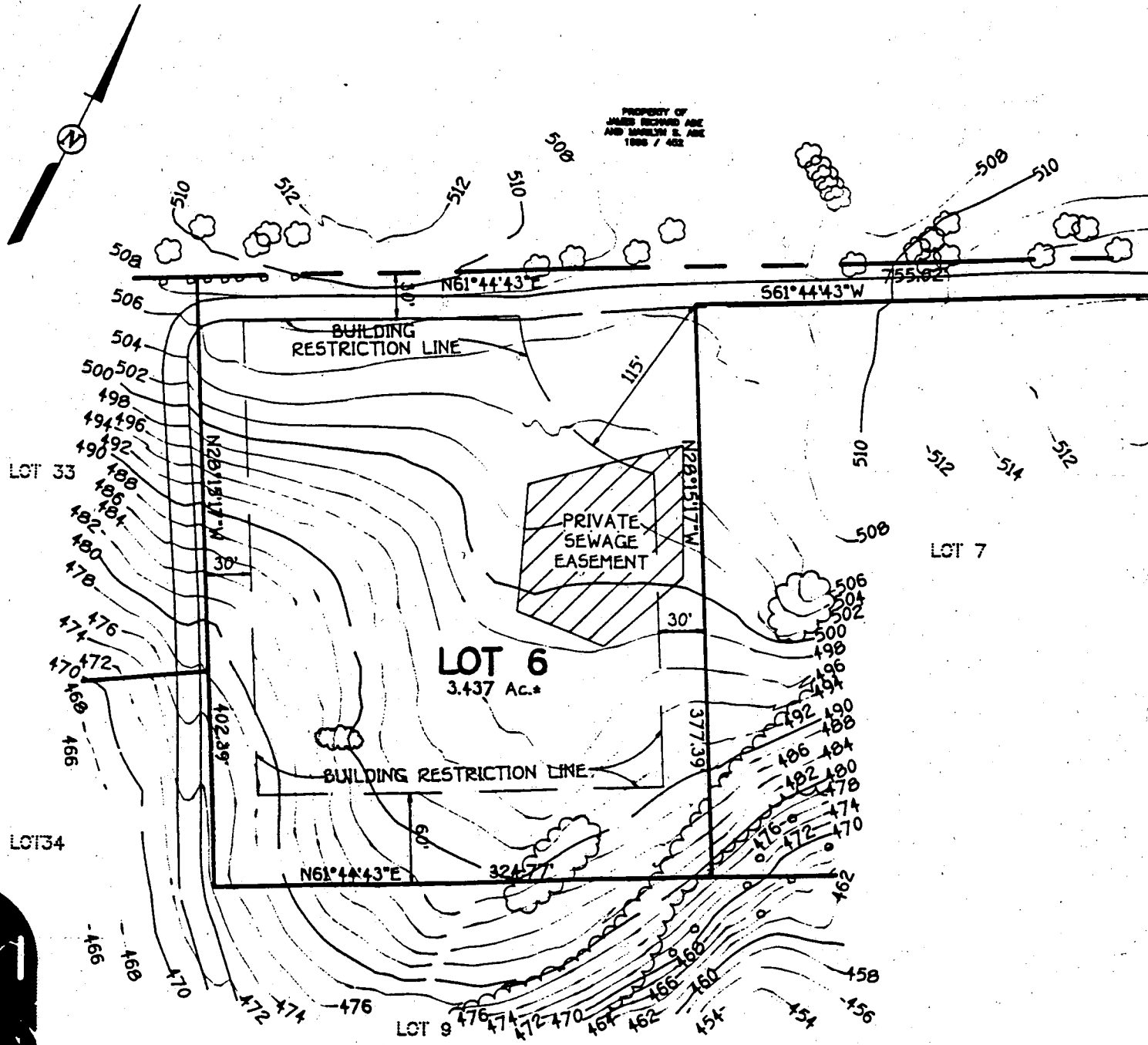
**OWNER'S CERTIFICATE**

I, [Name], and SYCAMORE VALLEY PARTNERSHIP BY DONALD R. REUWER, DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS THAT IT IS A SUBDIVISION COMPRISED OF: (1) ALL OF

PROPERTY OF  
JAMES EDWARD ABE  
AND MARILYN E. ABE  
1998 / 452



ATTAIL CREEK  
COUNTRY CLUB



Olen Ketterma

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 John GASKER

Telephone 410-247-6963

License Number 3189

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner John Keworthy

Telephone 410-489-9124

Subdivision CATTAIL Lot # 6

Well Tag # HO-88-1136

Site Address 3609 BLACK WALNUT LANE

Pump

1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible
2. Make Goulds
3. Model # 10G507412
4. Capacity 7 GPM
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 Tape - wire ties

Motor

1. Horsepower 3/4
2. RPM \_\_\_\_\_
3. Voltage 27
  - a. 110 \_\_\_\_\_
  - b. 220

Pitless Adapter

1. Make B10X
2. Model # CAMPBELL
3. Depth 48"

Tank

1. Capacity 350Wx
2. Pressure relief valve? RV75

Piping

1. Type 160 LB
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 145'

Well data

1. Depth 165 ft.
2. Yield 10 GPM
3. Static water level 33 ft.
4. Will water supply be disinfected by installer? No

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.

11/13/98 - WPI OK -  
 DKS (SRV)

Signature of Applicant: John Gasker

Date: 2-17-00

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

C1 1281

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 B# 43246

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO-DRILL WELL"

Grid for date received

04/17/90

115 (TO NEAREST FOOT)

HO-88-1136

OWNER SYCAMORE VALLEY PARTNERSHIP last name BROAD LEAF COURT first name TOWN GLENELG SUBDIVISION SYCAMORE VALLEY SECTION 1 LOT 6

WELL LOG Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Tip Soil, Shale, Sandstone, Mica, Sandstone, Mica, Sandstone, Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 100 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 34 ft.

CASING RECORD casing types insert appropriate code below. MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 1 Total depth of main casing (nearest foot) 41

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

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

DEPTH (nearest ft.) 110 41 124. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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 3 WHEN PUMPING 42 TYPE OF PUMP USED (for test) 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: 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 - below LAND SURFACE (nearest foot)

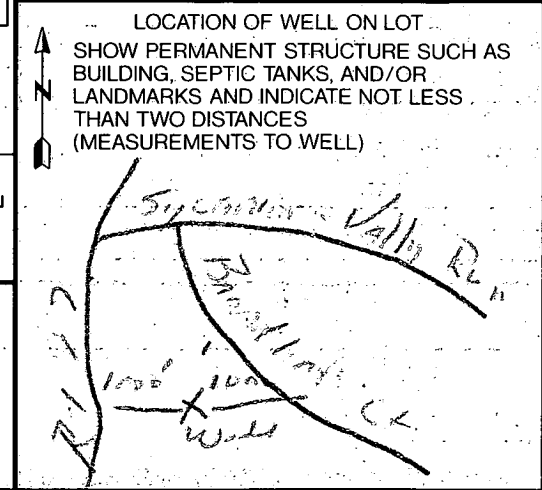
CIRCLE APPROPRIATE LETTER: A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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. 453 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

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



B 1 2182

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-88-1136

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

please print or type

fill in this form completely

Date Received (APA)

11/01/89

OWNER INFORMATION

Sycamore Valley Park

8307 Main Street

Ellicott City MD 21403

B 3

LOCATION OF WELL

Howard

Sycamore Valley

SECTION 1 LOT 6

Stenely

MILES FROM TOWN 2 MI

DRILLER INFORMATION

Frank Delph 453

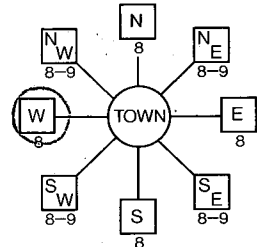
Frank Delph Well Drillers Inc.

18234 Penn Shop Rd. Mt Airy Md.

Frank Delph 10/23/89

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Broadleaf Ct

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 1000

ENTER FT or MI 4+

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (single or double household unit only)
Farming (livestock watering & agricultural irrigation)
Industrial, commercial, state and federal gov. other (requires appropriation permit)
Public or private water company (requires appropriation permit and state health department approval)
Test, observation, monitoring (may require appropriation permit)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

A# 43246

COUNTY NAME STATE SIGNATURE DATE ISSUED

182989 Charles Bryan 5/29/90

NORTH GRID 523000 EAST GRID 079000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

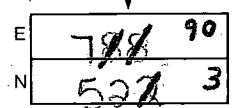
- Bored (or Augered) Jetted Jetted & Driven
AIR-ROTary AIR-Percussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



Handwritten notes: 4/17/90 already grouted, 10 # Bags of cement, 41' casing, 36' Open-grout, C.B.D., (Tag on old C.B.D.)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEMED AN EXISTING WELL

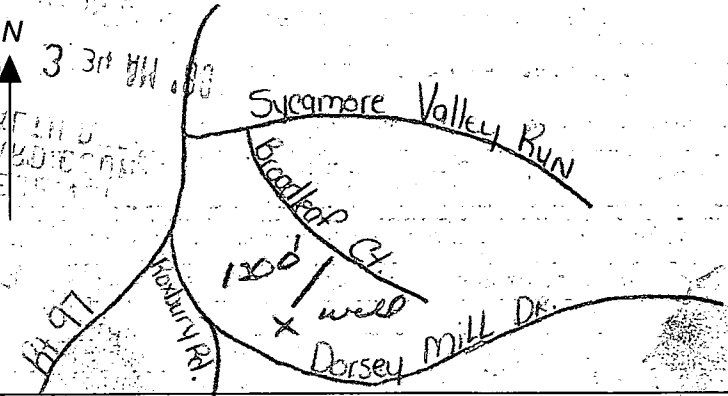
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE-ONLY)

APPROX. PERMIT NUMBER GAP

FORCE CM PERMIT No. HO-88-1136

SPECIAL CONDITIONS



WESLEY ABE  
1006/452  
BOLED 191

