

2/10/98  
10:00  
2/24/98 WPI  
Anytime

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59812

A 48782

DISTRICT 3rd

DATE 2/9/98

DATE SYSTEM APPROVED 2/10/98

INSPECTOR DKO

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

INDEXED

Adamson Plumbing & Heating IS PERMITTED TO INSTALL  ALTER

ADDRESS 7825 McCellan Avenue, Boonsboro, Maryland 21713 PHONE 301-416-3968

SUBDIVISION West Friendship Estates LOT 58 ROAD 3305 Great Valley Drive

PROPERTY OWNER Hamilton Reed LLC

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin trenches 130 feet up the (249.27') lot line and 30 feet off that same lot line, as seen when facing the lot from Great Valley Drive. Run trenches on contour toward Pfefferkorn Road.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 11/20/97 ALM

PLANS APPROVED BY Amy McMillen/Craig Williams DATE 11/14/97

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) AND RETURNED 1/31/02  
BOO134160 EXTEND EX. DECK

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

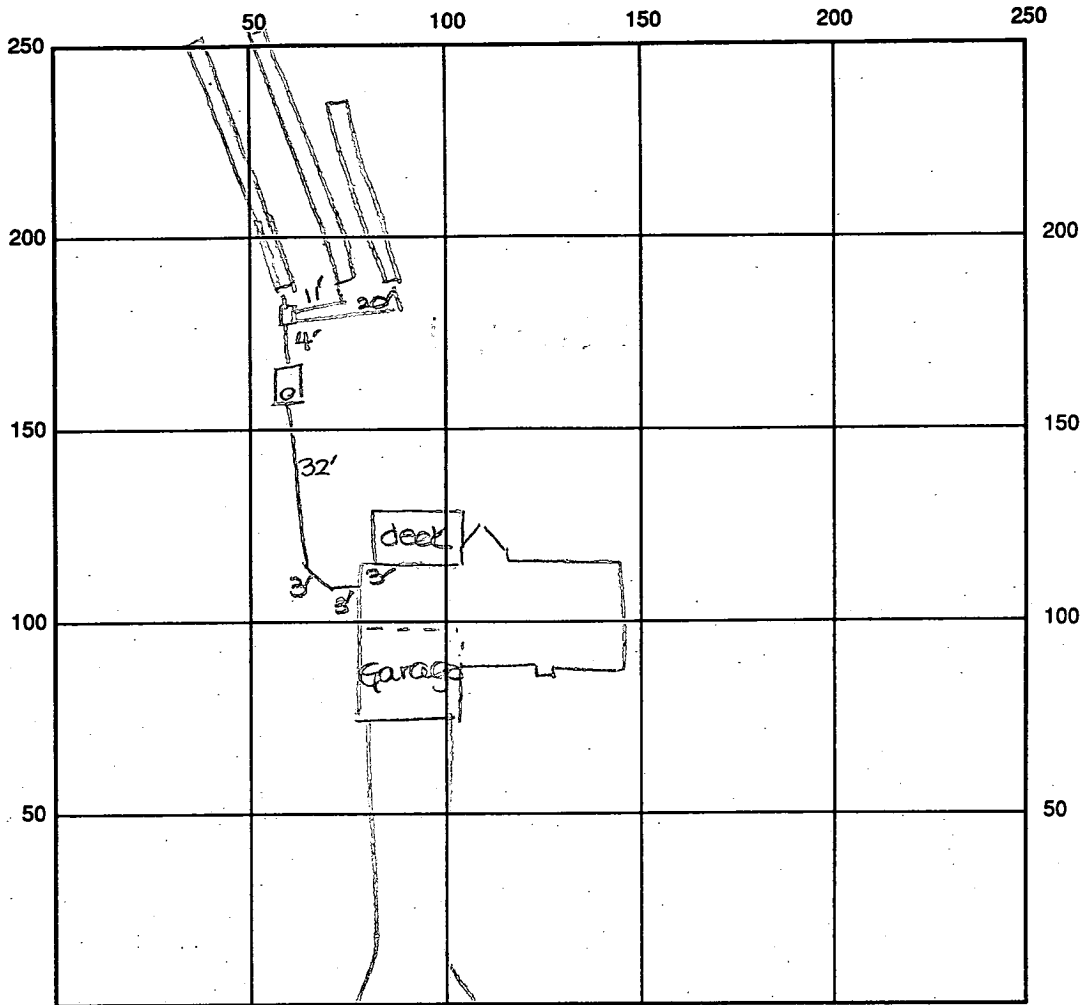
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A  
48782

Pefferkom Road



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Great Valley Drive

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on sit.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 192 354 240 FT.

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: 2/18/98 FINAL INSP - OK TO COVER ALL WORK. DRS

DATE SYSTEM APPROVED 2/18/98 INSPECTOR Joula K [Signature]

ENGINEER (KEITH FRALIC)  
ALGAT TO RAISE  
HOUSE INVERT,  
NO SLOPE TO  
SEPTIC TANK.  
(CW)

**GENERAL NOTES**

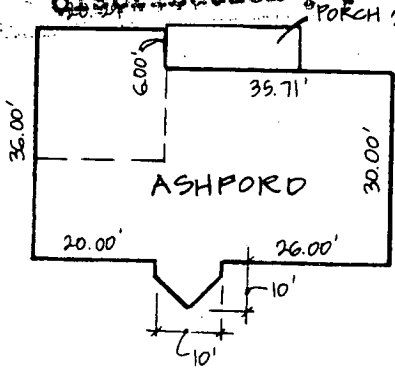
1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 593.3  
B. BASEMENT ELEVATION: 586.3  
\* C. INVERT OF SEPTIC SYSTEM AT HOUSE: 587.4  
D. INVERT IN AT SEPTIC TANK: 587.4  
E. INVERT OUT AT SEPTIC TANK: 587.1  
F. PROPOSED GRADE OVER SEPTIC TANK: 590.5  
G. INVERT AT DISTRIBUTION BOX: 581.0  
H. EXISTING GROUND OVER DISTRIBUTION BOX: 590.5
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMITS ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

Total linear feet of trench required 180 feet

Width of trench(es) 3 feet

Depth of trench(es) 4 feet

Depth of stone required below distribution pipe 2 feet



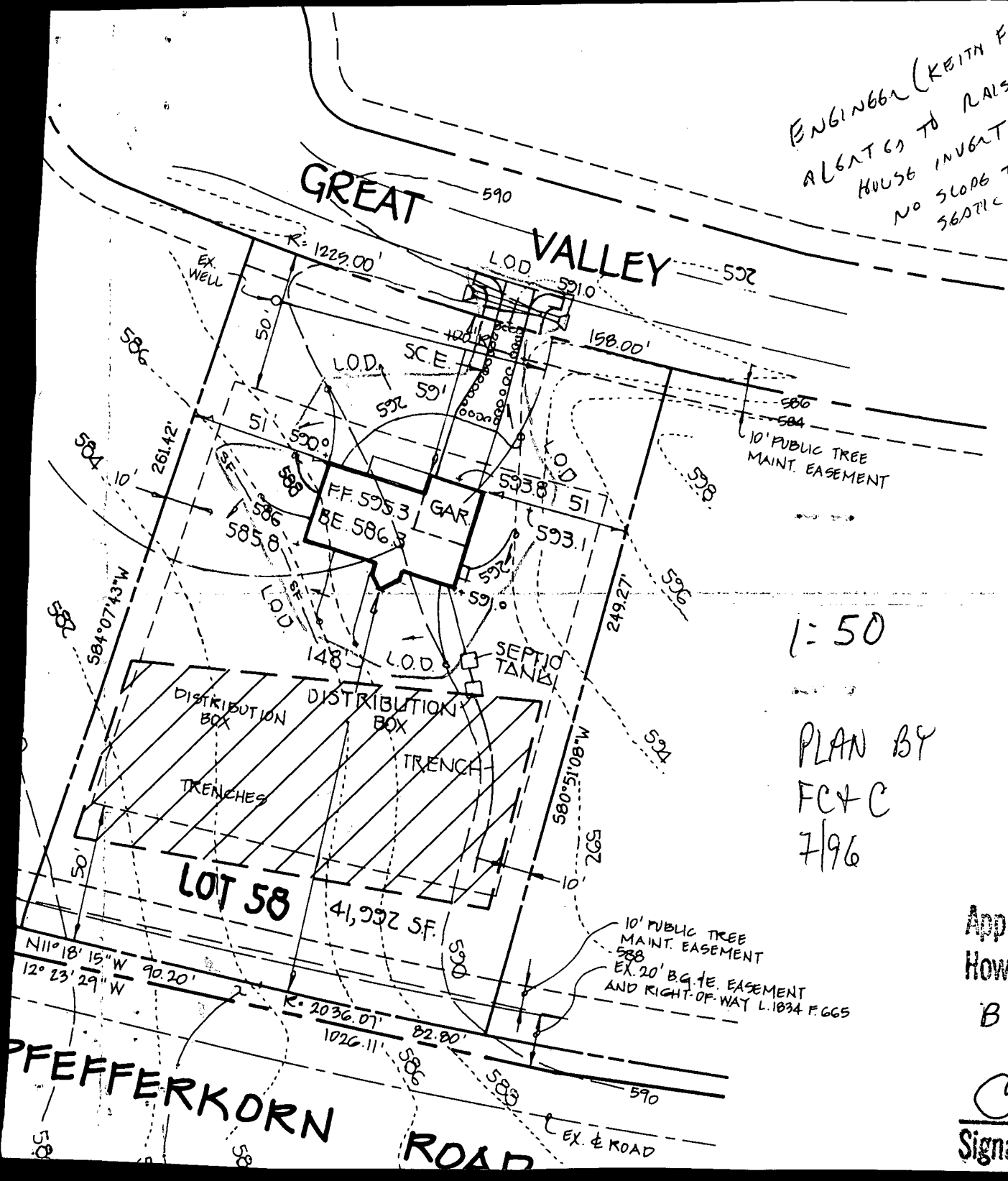
1:50

PLAN BY  
FC+C  
7/96

Approved Septic System Plan  
Howard County Health Department

B 00108 638 SED - 3 BR

*Keith Fralic*  
Signature 11/6/97  
Date



# APPLICATION

PERCOLATION TESTING

A 48782  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 12/21/92

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 West Friendship New Town Co. ~~Hamilton Reed LLC~~

ADDRESS c/o Land Design & Development PHONE (410) 740-2100  
10805 Hickory Ridge Road, Columbia, MD 21044

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION West Friendship Estates LOT NO 8 58

ROAD AND DESCRIPTION Pfefferkorn Road & Route 32 (3305 Great Valley Drive)

**BLDG. PERMIT SIGNED  
AND RETURNED 11-14-92**  
*Sevitt 430108035*

TAX MAP 15 PARCEL # 32 & 42, 533

SIZE OF LOT 1 + acres TYPE BLDG single family dwelling  
(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. Mark S. Reich  
(SIGNATURE OF APPLICANT)

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

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

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

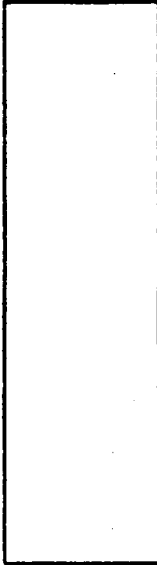
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

# THIS IS NOT A PERMIT

SOIL PROFILE

0




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 \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

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

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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.

(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

48782

COUNTY #

# 3

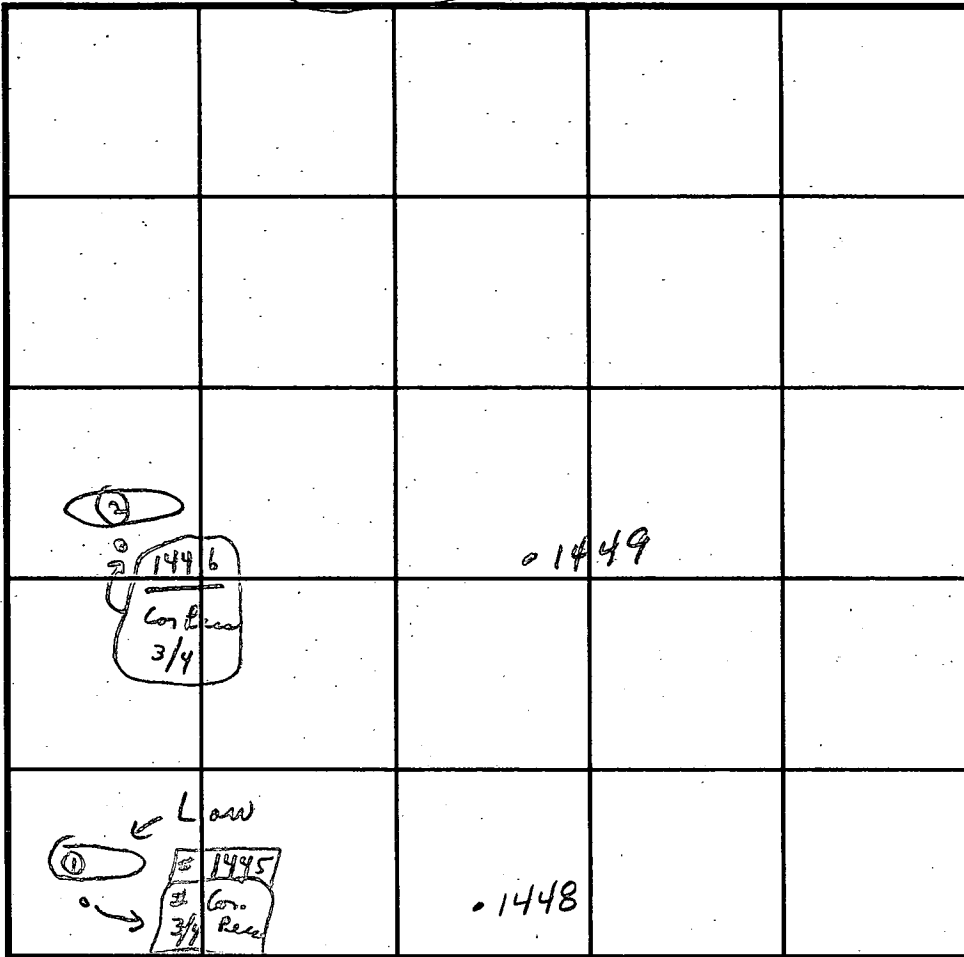
New 51

SOIL PROFILE

SOIL PROFILE

0'

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Pefferborn Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/22/92	# 1445	5'-3"	9:27	9:31	9:31	9:44	13 min
Tue	# ①	1	(shallow only)		see oth. foll		
	# 1446	1	i	i	0'-5" clay		
	# ②	5' to 13'-8"	visual		all loam below clay		
	# 1448	4-9"	9:17	9:20	9:20	9:26	6 min
	#	1			shallow only		
	# 1449	4'	10:07	10:13	10:13	10:28	15 min
	#	8'	10:08	10:10	10:10	10:13	3 min

REMARKS Tests in open mess road

TYPE OF SOIL loam below clay

TESTED BY C.B.A. ALSO PRESENT {O.K.G. + helper}

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

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

# APPLICATION

PERCOLATION TESTING

A 41817

P \_\_\_\_\_

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

DISTRICT 312

DATE 3/10/88

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 PRISCILLA CLAGETT AND AVIS PFEFFERKORN  
CL

ADDRESS 14000 CASTLE BOULEVARD SILVER SPRING PHONE 202-890-6077  
MARYLAND 20904

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION BUENA VISTA FARM ESTATES LOT NO. 24 Prelim # 50  
Sec 1

ROAD AND DESCRIPTION EAST SIDE OF PFEFFERKORN ROAD, NORTHWEST  
OF MD ROUTE 32

TAX MAP 22 PARCEL # 8

SIZE OF LOT 3.0 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. \_\_\_\_\_  
(SIGNATURE OF APPLICANT)

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

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

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

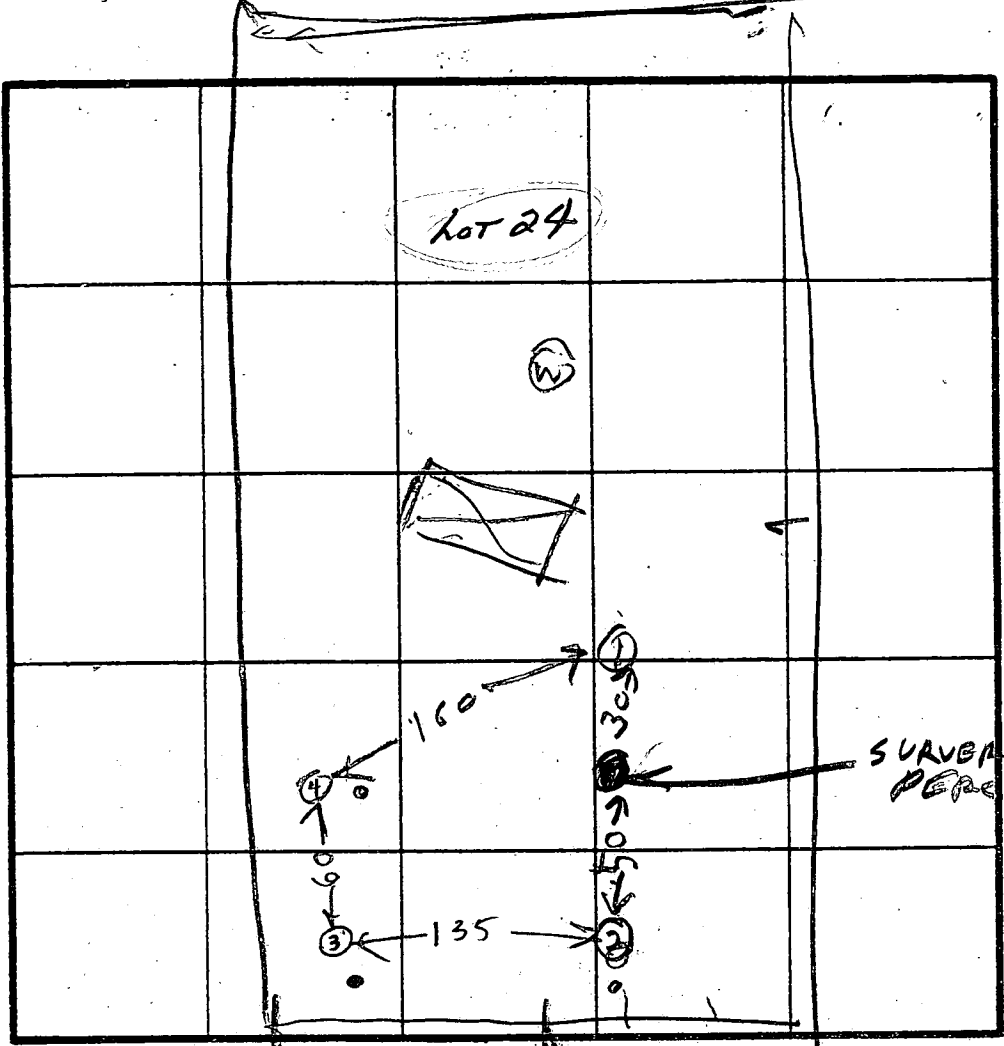
REASONS FOR REJECTION OR HOLDING 8/17/88 - PERC OK HOLD FOR PART RH

# THIS IS NOT A PERMIT

Lot 24  
 20 55 125  
 A41817

SOIL PROFILE

0  
 5  
 12  
 BROWN  
 CLAY  
 PINK  
 BROWN  
 SAND  
 SILT  
 LOAM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Pfefferkorn Rd

0  
 4  
 25  
 BROWN  
 CLAY  
 PINK  
 BROWN  
 SAND  
 LOAM

0  
 3  
 12.5  
 BROWN  
 CLAY  
 LIGHT  
 BROWN  
 SAND  
 LOAM

4  
 12.5  
 BROWN  
 CLAY  
 PINK  
 BROWN  
 SAND  
 LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
8/17/88	1S	6	1028	1031	1031	1035	4
	1V	9	1028	1039	1039	1047	8
	1V	12	OK			39	
L	2S	6	1037	1042	1042	1049	7
	2V	12.5	OK				
L	3S	6.5	1052	1055	1055	1058	3
	3V	12.5	OK				
L	4S	5.5	1100	1102	1102	1106	4
	4V	12.5	OK				

REMARKS: Holes 1, 2, 3, 4 not dugger service of [unclear]

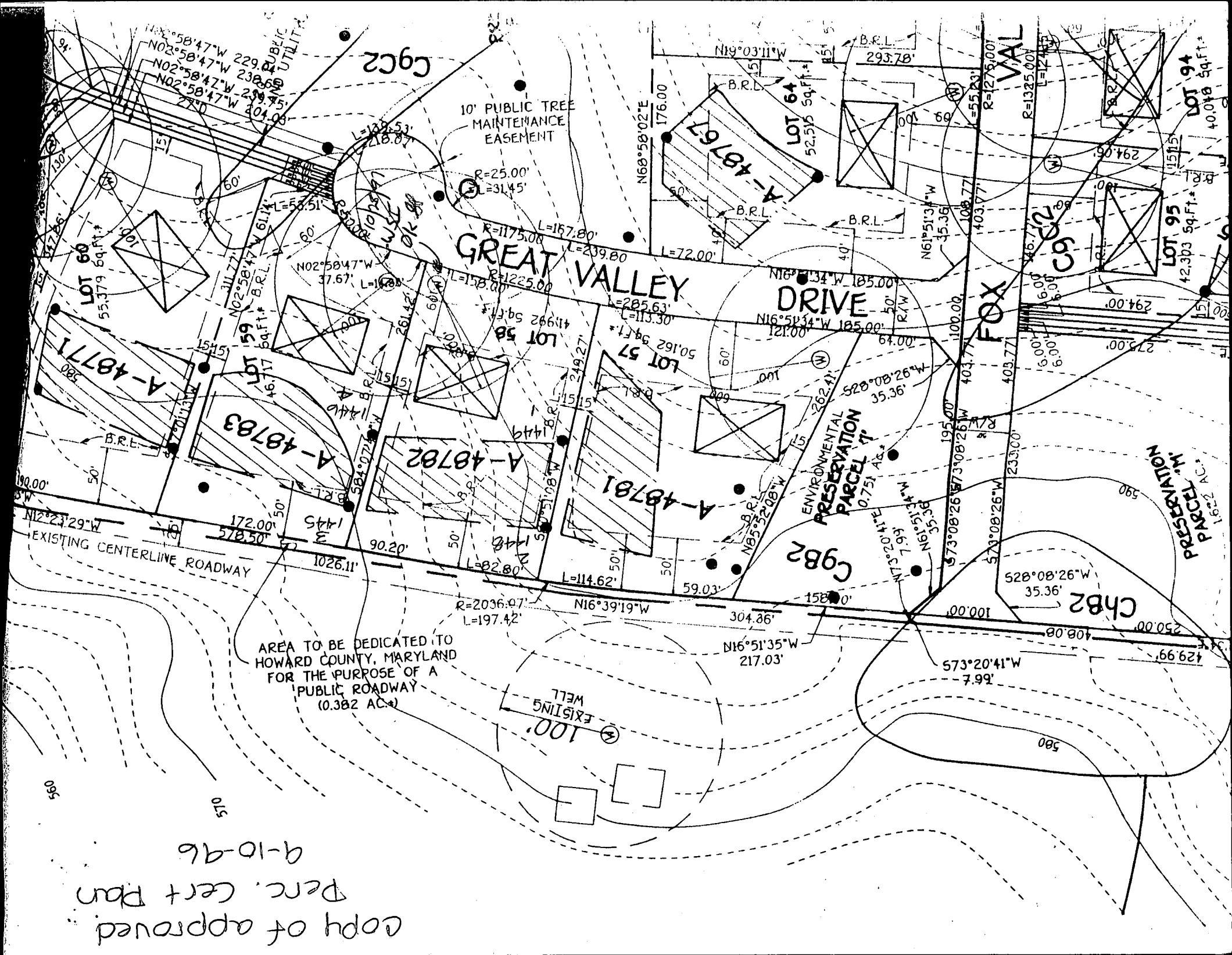
TYPE OF SOIL: Holes shifted because of Pipeline R/W

TESTED BY: B. Hodges

ALSO PRESENT: [unclear] Jim Pfeffer Korn [unclear]



copy of approved  
Perc. Cert Plan  
9-10-96



B 1 **8786** SEQUENCE NO. (MDE USE ONLY)

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

STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**Hd-99-1312**  
 70 fill in this form completely 78

Date Received (APA) **102897**

OWNER INFORMATION  
**HAMILTON REED HOMES**  
 15 Last Name 34 Owner First Name  
**10805 HICKORY RIDGE**  
 36 Street or RFD 55  
**COLUMBIA MD 21049**  
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

**HOWARD**  
 8 COUNTY 21  
**WESTFARIENOWSHIRE**  
 23 SUBDIVISION 42  
 SECTION **2** 44 46 LOT **58** 48 50  
**WESTFARIENOWSHIRE**  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) **1** 73 76 77 78

DRILLER INFORMATION  
 CIRCLE: **MSD** / MGD / MWD  
**Ralph MAYWE** 116  
 Driller's Name 77 License No. 80  
**Ralph MAYWE well Drilling**  
 Firm Name  
**9129 Brown Church Rd Mt Airy**  
 Address  
**Ralph Maywe 10/24/97**  
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD **Great Valley Dr** 11 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH  WEST  EAST  SOUTH   
 DISTANCE FROM ROAD **20** 34 37  
 ENTER FT OR MI **FT** 38 39  
 TAX MAP: **22** BLK: **2** PARCEL **559**

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5** 1 2 3 4 5  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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 48782**  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S  41  
 DATE ISSUED **102897** **10/28/98**  
 43 48 CO SIGNATURE EXP. DATE  
 NORTH GRID **527000** EAST GRID **809000**  
 50 55 57 63

APPROXIMATE DEPTH OF WELL **150** 24 28 FEET  
 APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
 CABLE  REVerse-ROTary  DRive-POINT  
 other \_\_\_\_\_

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEEN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_ 41 \_\_\_\_\_ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER \_\_\_\_\_ 54 \_\_\_\_\_ 63  
 FORCE **GS** WRITE INITIALS IN BOX PERMIT No. **Hd-99-1312**  
 67 68 70 71 72 73 74 75 76 77 78 79

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

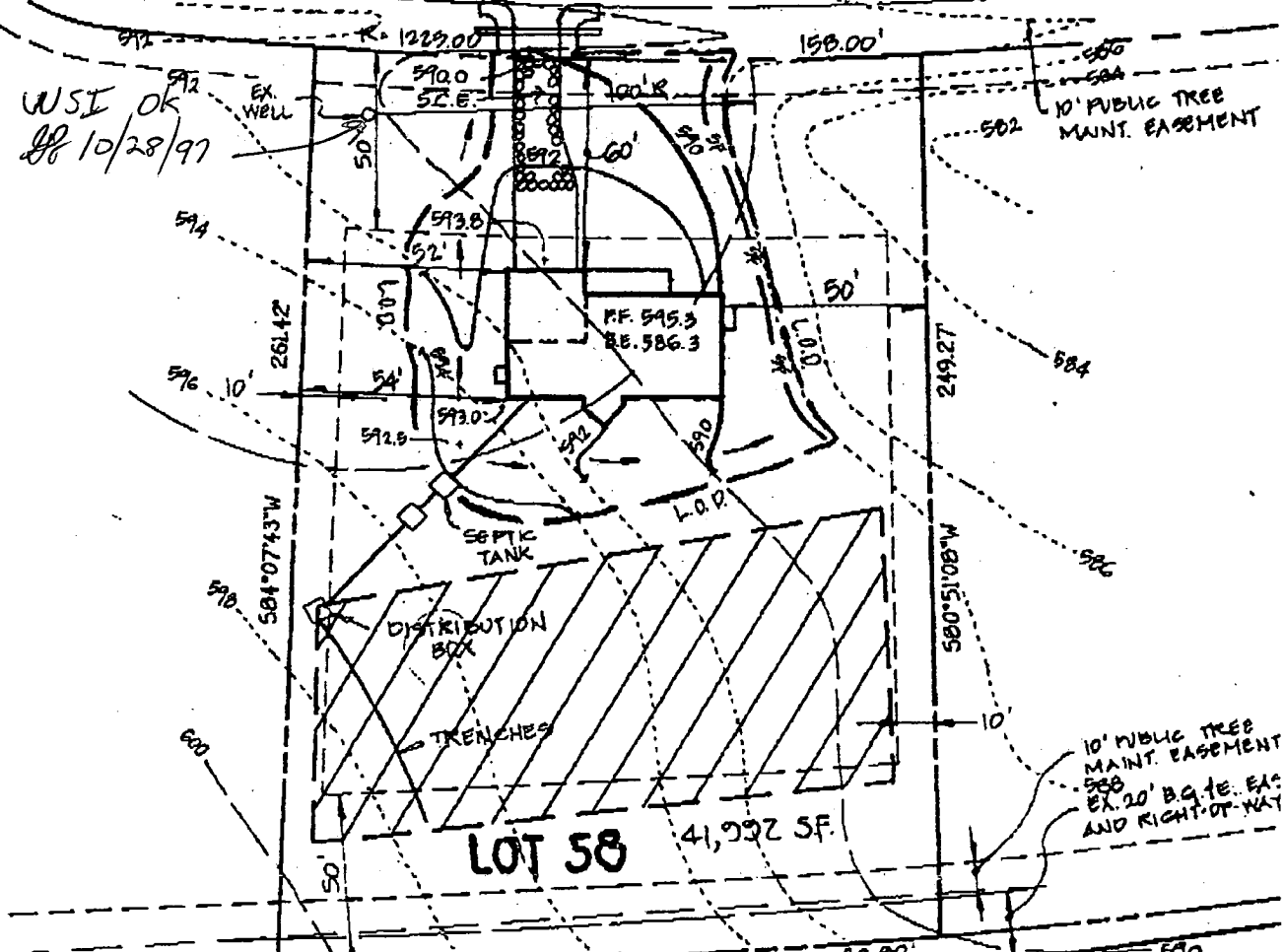
**8004**  
**520**

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

**10/30/97**  
**Grant**  
**1:00**  
**no** **100**  
**Great Valley Dr.**  
**Piffen Knw Rd.**



# GREAT VALLEY

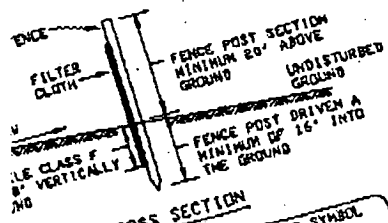


- R N AS
- MULCH 5 SHOULD
- SOFT SEEDING 200
- PER USE ANCHORING
- PAIRS
- NETCH AT 15 40 LBS/ACRE AS DATE FOR THIS

MIN LENGTH FENCE POST, A MINIMUM OF 16" INTO

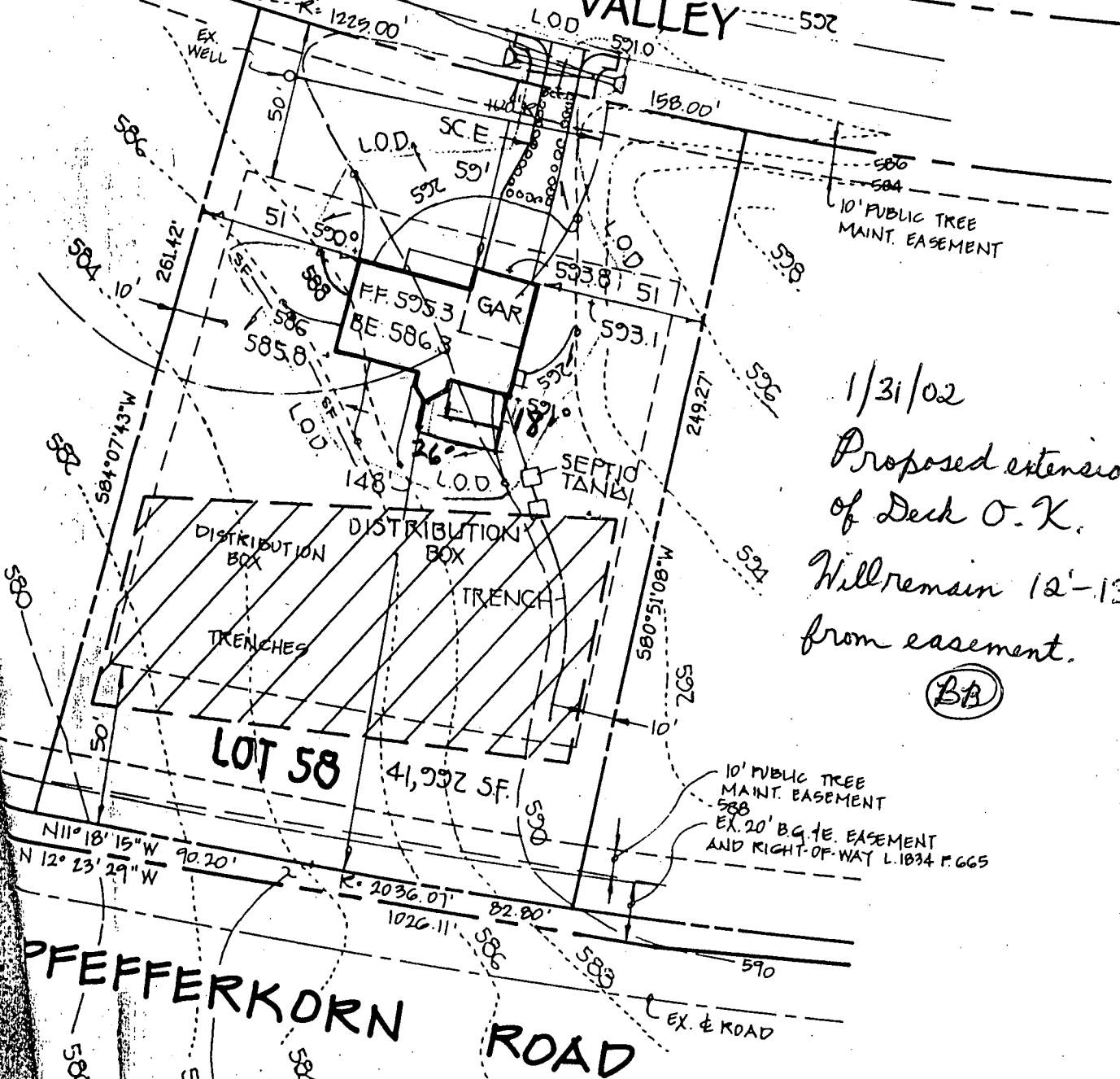
16" MINIMUM HEIGHT OF GEOTEXTILE CLASS F

8" MINIMUM DEPTH IN GROUND



AREA TO BE DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE OF A PUBLIC ROADWAY (0.382 AC.)

# GREAT VALLEY



1/31/02  
 Proposed extension  
 of Deck O.K.  
 Will remain 12'-13'  
 from easement.  
 (BB)

**LOT 58**  
 41,932 SF.

10' PUBLIC TREE  
 MAINT. EASEMENT  
 EX. 20' B.G. TE. EASEMENT  
 AND RIGHT-OF-WAY L. 1834 P. 665

# PEFFERKORN ROAD

AREA TO BE DEDICATED TO  
 HOWARD COUNTY, MARYLAND  
 FOR THE PURPOSE OF A  
 PUBLIC ROADWAY  
 (0.382 AC.±)

*Carl D. [Signature]*  
 10/16/97