

3/27/90 PM  
3/28/90/1100

3/27/90 (1) P.C.O.  
P 45768 C.B.

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-405173

A 36994

DISTRICT 5th

DATE 3/28/90

DATE SYSTEM APPROVED 3/28/90

INSPECTOR C. B. [Signature]

INDEXED

Greg's Excavating

IS PERMITTED TO INSTALL  ALTER

ADDRESS P. O. Box 769, Olney, Maryland 20832 PHONE 964-2023

SUBDIVISION The Chase ROAD 11655 Master's Run LOT 18

PROPERTY OWNER White/Cadoux

ADDRESS

~~GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 10% AND ABSORPTION TRENCHES BY 20%~~

~~GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 10% AND ABSORPTION TRENCHES BY 20%~~

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 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 325 feet from the front (169.99) lot line and 130 feet from the left (560) lot line as seen when facing the lot from Master's Run. Run trenches on contour toward the left lot line.

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

PLANS APPROVED BY Sid Abel cm DATE 01/06/87

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

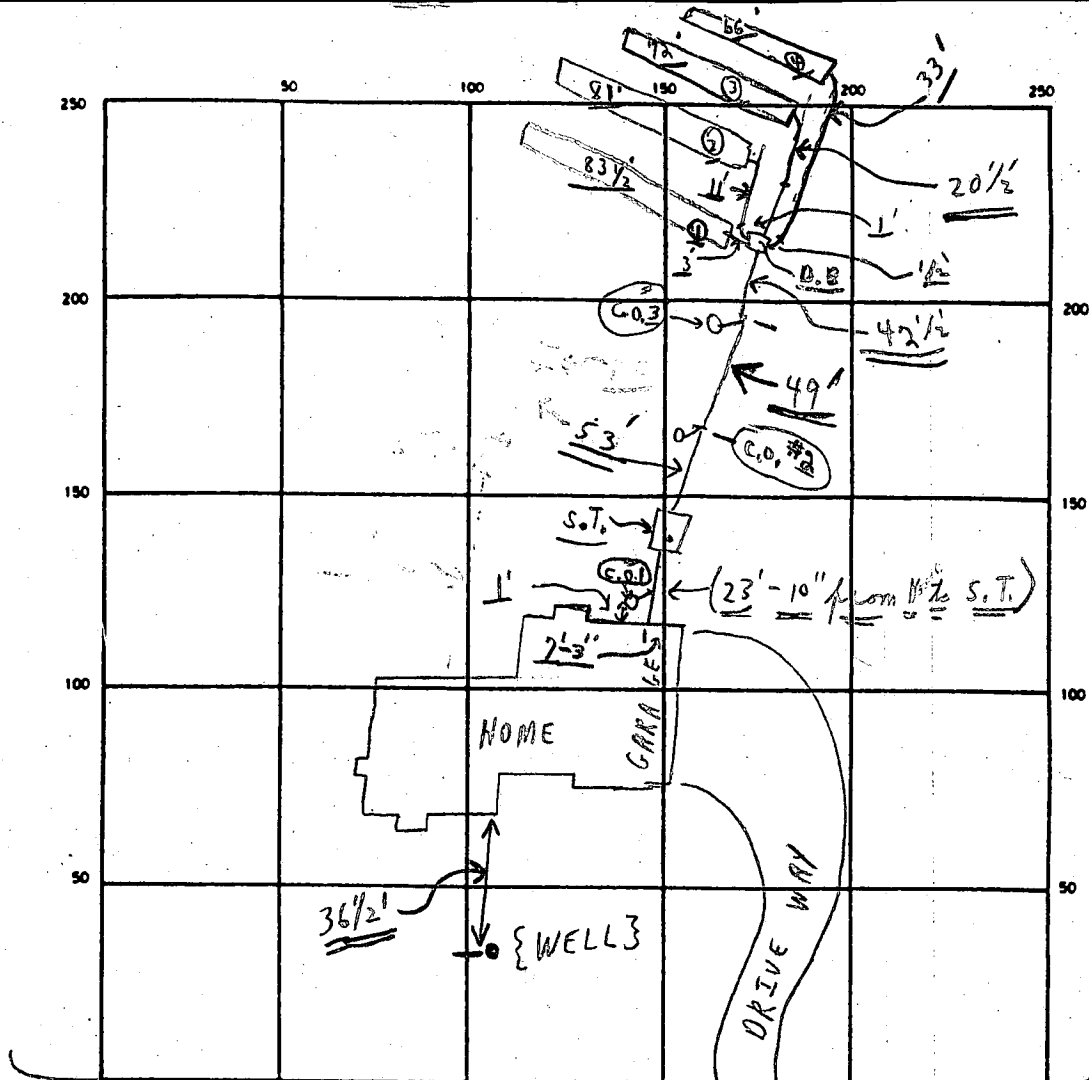
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

766991



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

MASTER'S RUN

SEPTIC TANK. LEVEL OK

CLEANOUTS

C.O.	S.T.	C.O. #2	C.O. #3
OK	OK	OK	OK

DISTRIBUTION BOX. LEVEL

OK (Baffle is in)

DRAIN FIELD/TILE FIELD. DEPTH 5.0 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 302 FT.

NUMBER OF TRENCHES 4 ONE 906 SQ. FT. BOTTOM AREA

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 906 SQ. FT.

REMARKS

P.M. 3/27/90 OK TO COVER FROM HOUSE TO DIST. BOX. OK TO COVER  
(2) TWO TRENCHES ← Partial; 3/28/90 FINAL - OK TO COVER  
ALL WORK. C.B.C.

DATE SYSTEM APPROVED

3/28/90

INSPECTOR

C.B. [Signature]

# APPLICATION

PERCOLATION TESTING

A 36994

P \_\_\_\_\_

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

DISTRICT 5

DATE 5/15/86

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: ~~Wayback Corporation~~ Kevin Miller Robert Fenner

ADDRESS P.O. Box 1018, Columbia, MD. 21044 PHONE 997-8800

PROSPECTIVE BUYER NONE

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

PROPERTY LOCATION:

SUBDIVISION The Chase - formerly The Paddock LOT NO. 18 Prelim + Final

ROAD AND DESCRIPTION Homewood Road 11655 Masters Run

TAX MAP 29 PARCEL # 24

SIZE OF LOT 3 acres TYPE BLDG. S.F.D.  
(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]*  
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Shelton Tel. fields DATE 1-6-87

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

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

REASONS FOR REJECTION OR HOLDING 7/2/86 Rec. Satisfactory, hold for subdivision plans, shallow

SYST. only. J. Abel BLDG. PERMIT SIGNED AND RETURNED 9/20/89  
Serial # 28782 - SFD-4 Bro. BLDG. PERMIT SIGNED AND RETURNED 6-8-89

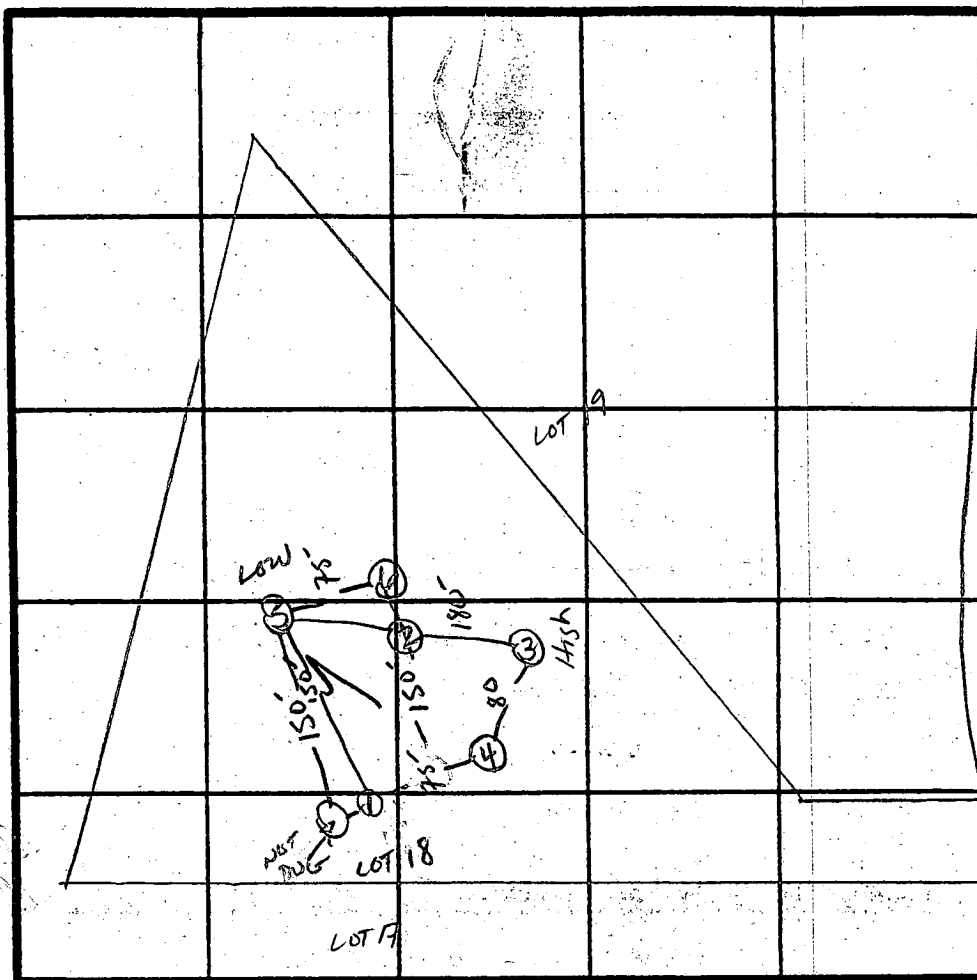
BP 26849 BK

# THIS IS NOT A PERMIT

④  
③  
②  
①

SOIL PROFILE

0  
yft  
3-  
A1-3  
Light Brown  
SAND LOAM  
29% CLAY  
< 10% FRAGS  
Light Brown  
yell. Br.  
SAND  
LOAM  
< 10%  
FRAGMENTS



ROAD A  
X PERC  
3min  
INLET  
3.5'  
BOTTOM  
5.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
↓ Homewood Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/2/84	1 S 1 V	4" 13"	1:36 Uniform	1:37 Soil below 3"	1:37	1:39	2min
	2 V	12"	SAME AS #1				
	4 S 4 V	3.5" 12"	1:40 SAND AS #1 & 2	1:41 #1 & 2	1:41	1:43	2min
	3 S 3 M	4" 9"	1:44 1:48	1:45 1:49	1:45 1:49	1:48 1:51	3min 2min
	3 V	12"	SAME AS #1, 2, 4				
	5 S 5 V	4" 13"	1:58 SAME AS #1 & 2	1:59	1:59	2:02	3min
	6 V	CLAY TO 9"					

180φ/BR

REMARKS PERC. DIFF. FROM PLAT/SHALLOW SYST. ONLY

TYPE OF SOIL MANOR LOAM / CHESTER

S. ROAD

# APPLICATION

PERCOLATION TESTING

A 36995

P \_\_\_\_\_

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

DISTRICT 5

DATE 5/15/86

*Combined  
w/ other lots  
17*

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 Wayback Corporation

ADDRESS P.O. Box 1018, Columbia, MD. 21044 PHONE 997-8800

PROSPECTIVE BUYER NONE

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

PROPERTY LOCATION:

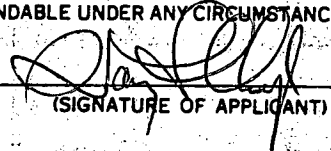
SUBDIVISION The Chase - formerly The Paddock LOT NO. 18

ROAD AND DESCRIPTION Homewood Road

TAX MAP 29 PARCEL # 24

SIZE OF LOT 3 acres TYPE BLDG. S.F.D.  
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(SIGNATURE OF APPLICANT)

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

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

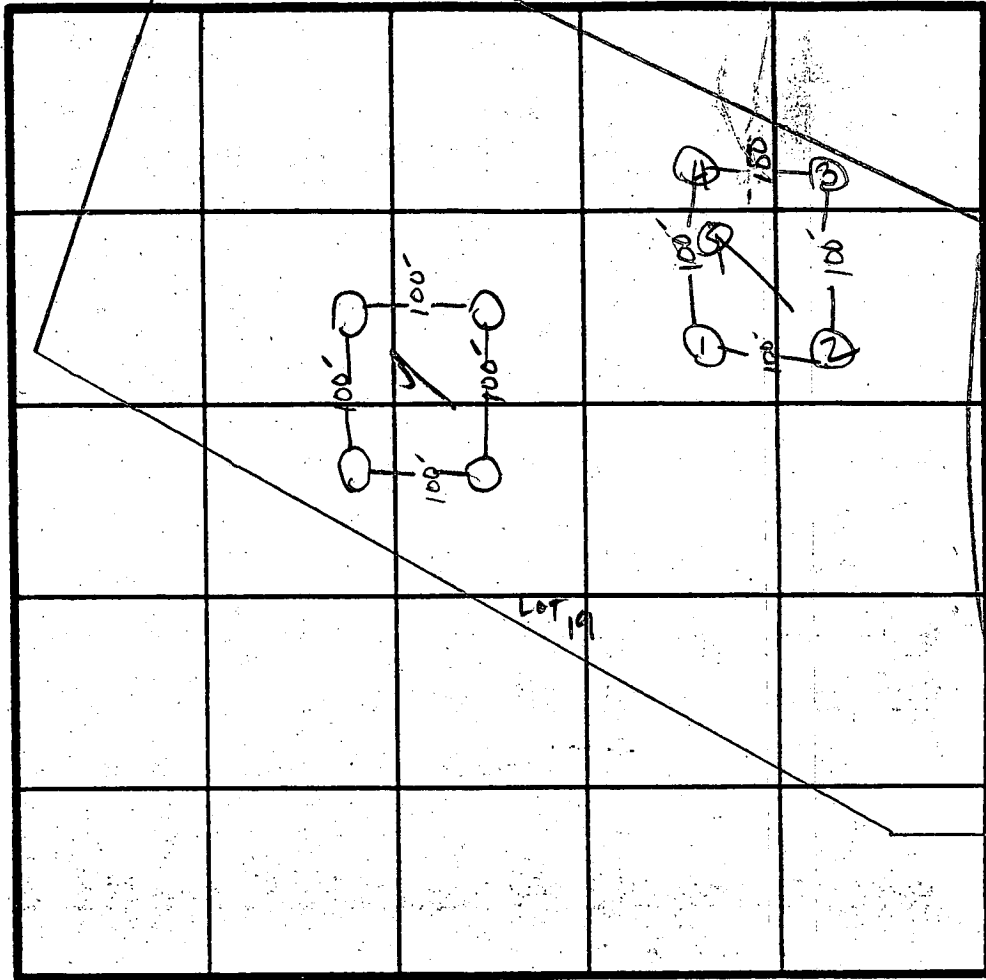
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6/27/86 PERC UNSATISFACTORY; INSUFFICIENT AREA REMAINING TO TEST; Redesign. S. Ave

# THIS IS NOT A PERMIT

SOIL PROFILE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Homewoods Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/27/64	2V	13'	uniform SAND LOAM	below 3'			
	1V	13'	uniform soil SAND LOAM	below 3.5'			
	3V	ROCK AT 60'	SOLID	BOTTOM			
	4V	CLAY TO C+FE					
	5V	WATER AT 10 FE					

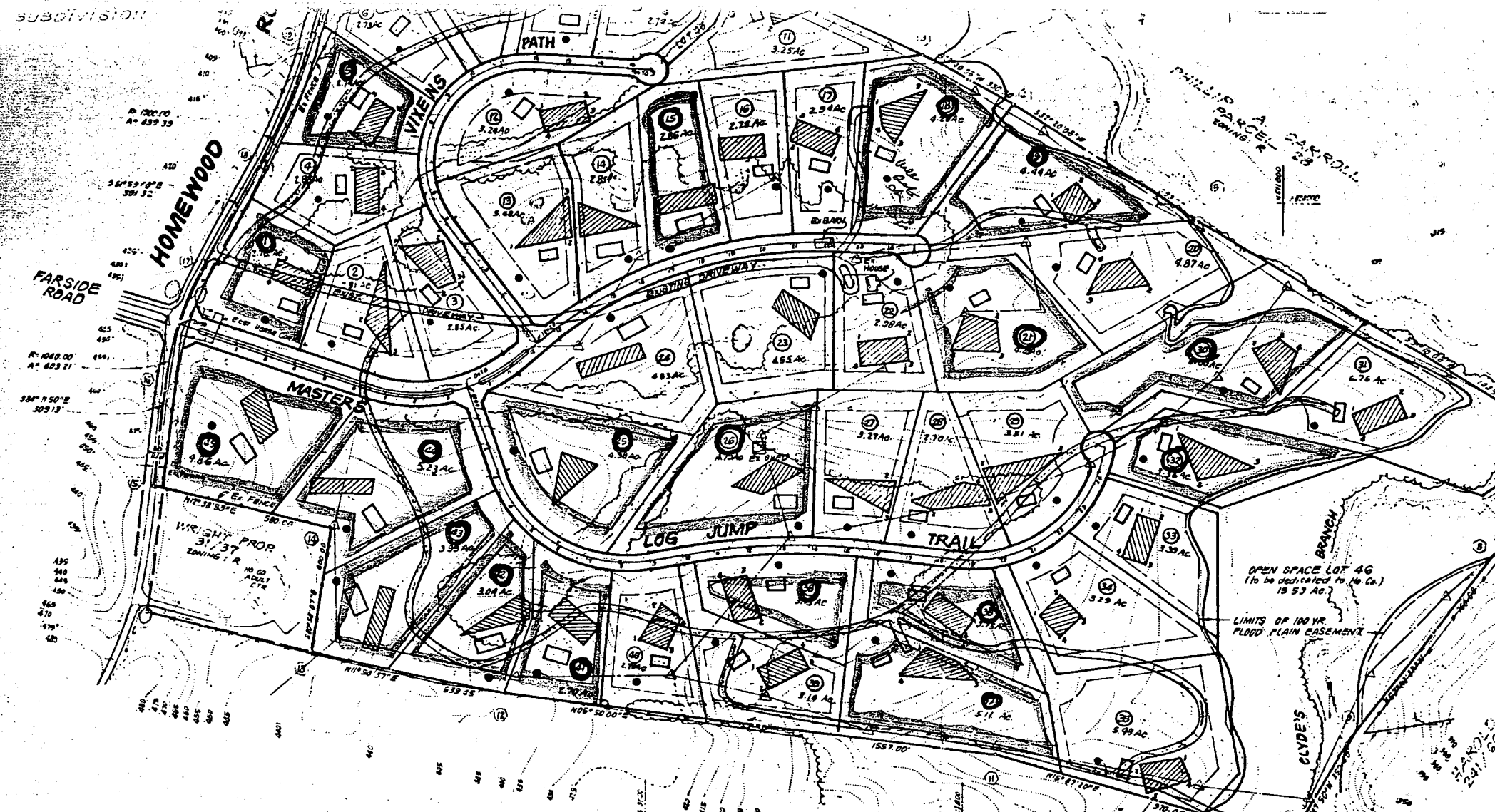
REMARKS HOLE DUG IN HIGHEST POINT OF LOT - REDESIGN NECESSARY

TYPE OF SOIL MANOR LOAM IS GRAVELY LOAM

S. AND

Jeff, Bob, Wm

SUBDIVISION



STATE OF MARYLAND  
 202 1240  
 ZONING: R



Grout to follow lot 21  
(OK on file)  
location (35' off road)  
as staked - OK  
40' casing (25' above)  
34' open hole  
10 bags cement

1 dry hole filled in  
(3 bags dry) + drilling  
methods

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
ELICOTT CITY, MD.  
AUG 17 9 31 AM '87

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
AUG 18 10 03 AM '87  
DIVISION OF  
ENVIRONMENTAL  
HEALTH

**GENERAL NOTES**

- ALL ABSORPTION TRENCHES SHALL BE 3' WIDE
- INSTALL 4.5" NO 2 STONE BELOW DISTRIBUTION PIPE
- TRENCHES SHALL BE INSTALLED ON LEVEL GROUND
- CALL HOWARD COUNTY DEPT OF INSPECTION AND PERMIT DIVISION 301-992-2455 AND DEPT. OF ENV. HEALTH, 301-461-9933 FOR INSPECTION OF ALL TRENCHES PRIOR TO GRAVEL INSTALLATION
- PROVIDE CLEANOUT AND CAP AT FINISHED GRADE FOR SEPTIC TANK AND BENDS
- TOPOGRAPHY INFORMATION TAKEN FROM HOWARD COUNTY 1"=200' SCALE DATED FEB 1985
- THIS PLAN IS PREPARED FOR  
MR. ROBERT FENNER  
6257 CARDINAL LANE  
COLUMBIA, MD. 21044
- DRIVEWAY ENTRANCE PER HOWARD COUNTY STANDARD DETAIL R-6.06, ENTRANCE SHALL MEET EXISTING ROAD GRADES
- HOUSE ELEVATIONS  
FIRST FLOOR = 350.63  
GARAGE = 356.63  
BASEMENT = 350.50
- 5 BEDROOMS TOTAL

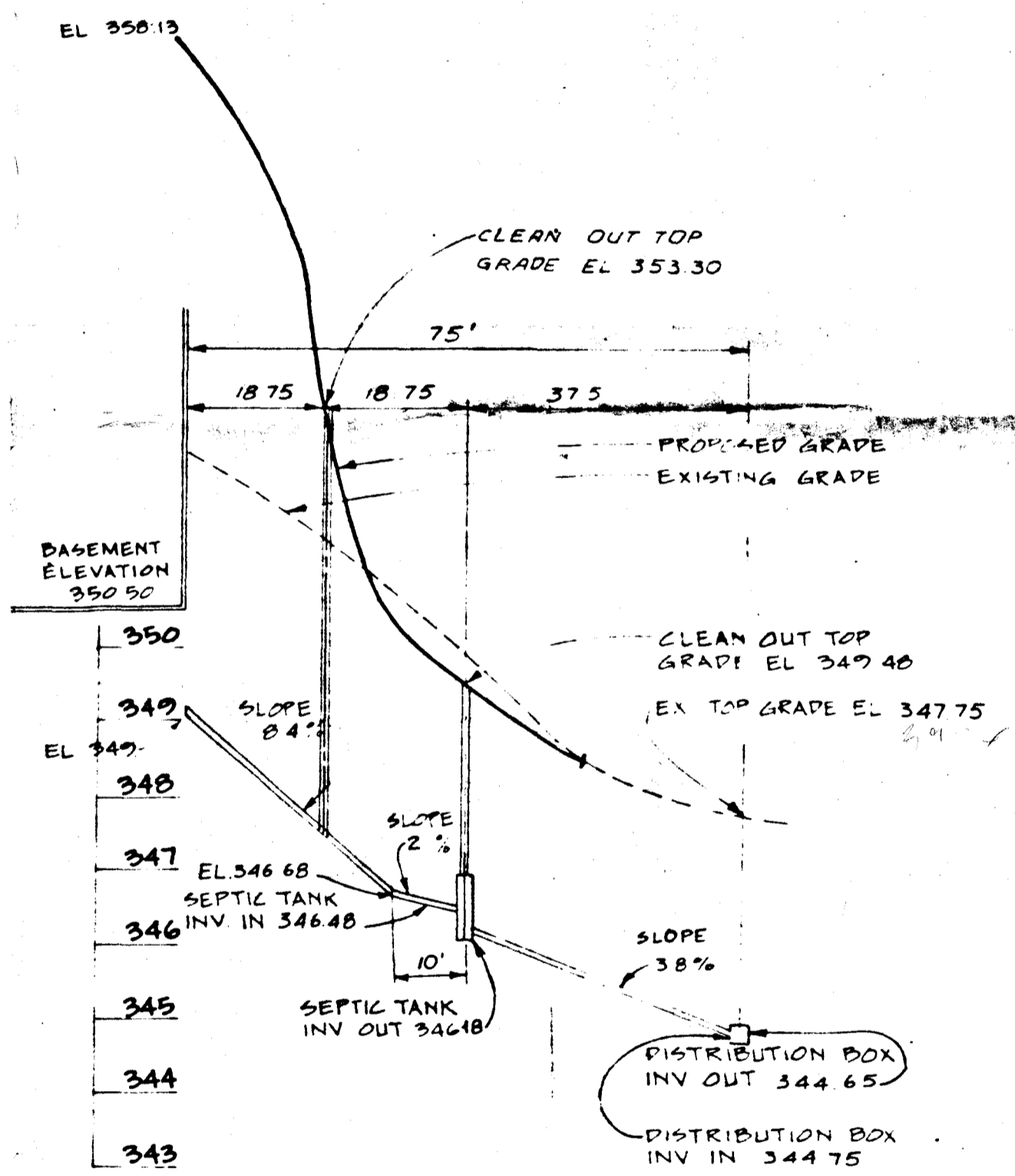


45  
 $\frac{350.00}{320.30} = 1.09$   
 $\frac{180}{900}$   
 350.00  
 346.18  
 382

INSTALL TRENCHES ON HIGH PART OF SEWAGE DISPOSAL AREA

345.00  
 344.75  
 25

By APPROVED 9/26/89  
 Pursuant to ABSORPTION TRENCHES  
 IN SEPTIC DESIGN.  
 CW/llh

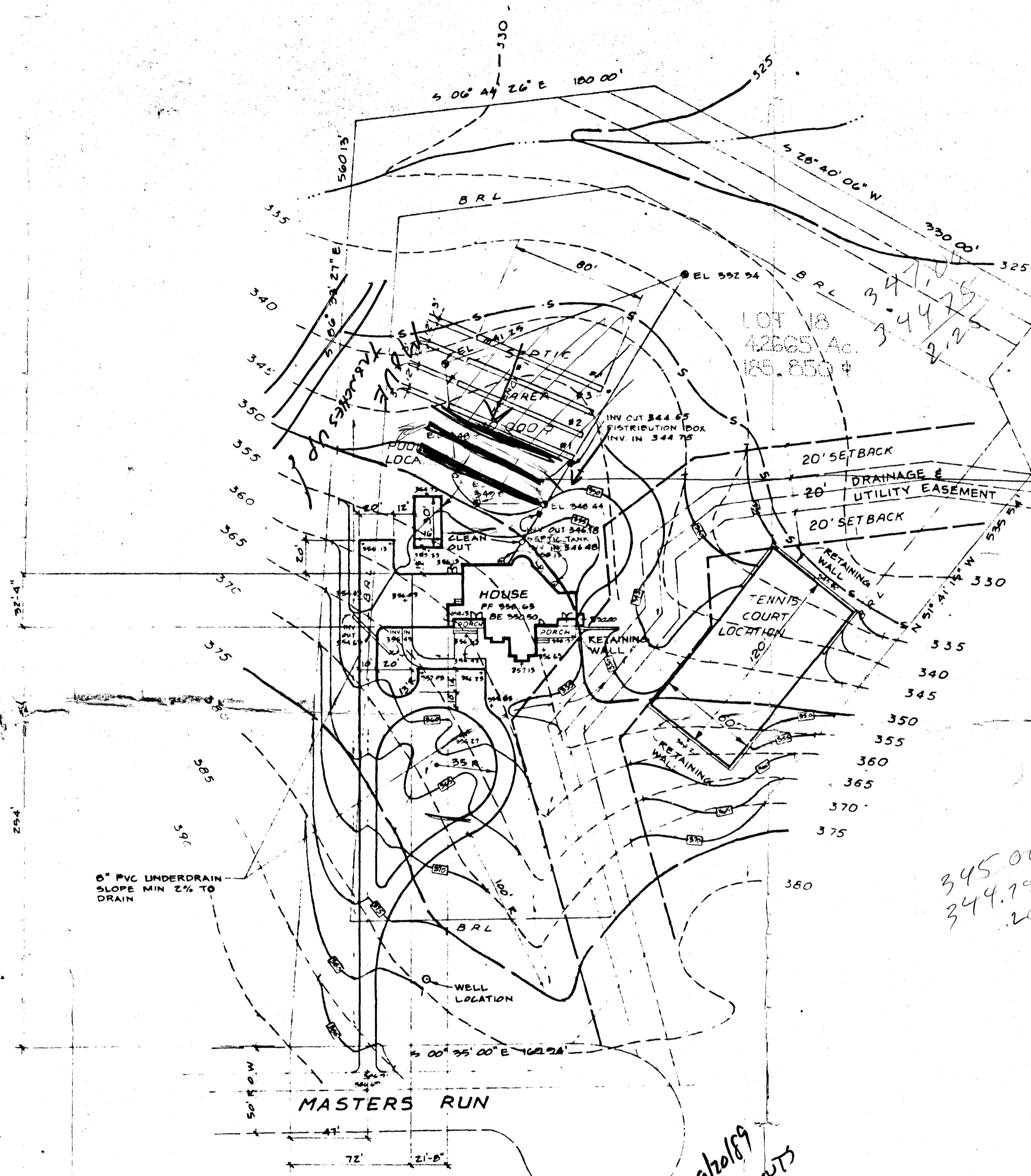


**CROSS SECTION SEPTIC SYSTEM**

SCALE: 1"=20' HORIZONTAL  
 1"=2' VERTICLE

**KEY**

- EXISTING GRADE
- PROPOSED GRADE
- S — SILT FENCE



SCALE: 1"=50'

revisions			Prepared by	FENNER RESIDENCE		SCALE	
no	description	date		THE CHASE SUBDIVISION		DRAWN	CHECKED
	HEALTH COMMENTS	6-23	RBA 5560 STERRETT PACE, SUITE 300 COLUMBIA, MARYLAND 21044 301/730-7950 626050	TAX MAP NO 29	PROJ NO.	DATE	
				TAX MAP PARCEL NO 24	1	1	
				5TH ELECTION DISTRICT HOWARD COUNTY, MD.		SHEET	OF

C1 1938 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 A-36994

DATE Received [ ] DATE WELL COMPLETED 10/13/87 Depth of Well 300 (TO NEAREST FOOT) PERMIT NO. HO-81-2341

OWNER HOWARD ESTAR DEVELOPMENT last name MASARS RUN first name TOWN THE CHASE SECTION LOT 18

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	
Topsoil	0	2	
Br. mica	2	16	
Tan mica	16	24	
Br. mica	24	30	
Gray mica	30	46	
Lt. Br. mica	46	50	✓
Gray mica	50	60	
Tan mica	60	65	✓
Gray mica	65	90	
Flint	90	92	✓
Gray mica	92	300	

400' - Dry hole

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)  
 TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)  
 CEMENT (CM) BENTONITE CLAY (BC)  
 NO. OF BAGS 10 NO. OF POUNDS 1000  
 GALLONS OF WATER 65  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 34 ft. (enter 0 if from surface)

CASING RECORD  
 casing types insert appropriate code below  
 (S) STEEL (C) CONCRETE (P) PLASTIC (O) OTHER  
 MAIN CASING TYPE (S) Nominal diameter 6 Total depth 40  
 (60 61 63 64 66 68 70)

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

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

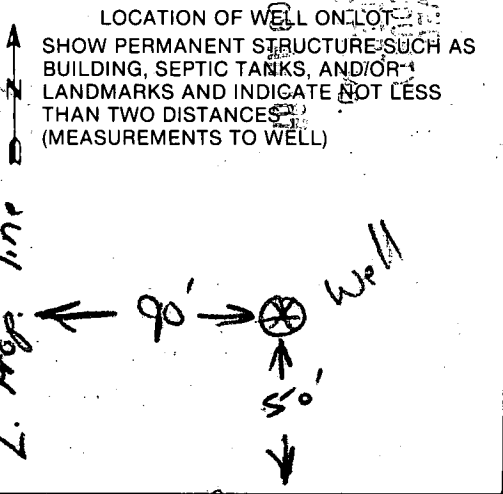
DEPTH (nearest ft.)  
 EACH SCREEN 1 40 38 300  
 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK from to  
 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.) 7  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 34 WHEN PUMPING 67  
 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:  
 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)



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. 40  
 DRILLERS SIGNATURE  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



6/25/91  
AM

6/25/91  
OK  
CBE

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

PITLESS ADAPTER WELL LINE

New Installation   
Replacement

Receipt # 417253  
Date 6/24/91

Name of Installer PAUL E LENNON

Telephone 781-6405

License Number 7611

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner Fred Grimme

Telephone 465-1500

Subdivision Chase Lot # 18

Well Tag # HO-81-2841

Site Address 11655 Masters Run

2341

Pump

- 1. Type Myers
  - a. Deep well jet
  - b. Shallow well jet
  - c. Submersible

Motor

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

Pitless Adapter

- 1. Make
- 2. Model #
- 3. Depth

2. Make Myers

3. Model # 557

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

Tank

- 1. Capacity 60
- 2. Pressure relief valve? 7516

Piping

- 1. Type orangeburg
- 2. Size 1"
- 3. NSF and/or BOCA Code approved
- 4. Depth of supply line 4'

Well data

- 1. Depth 300 ft.
- 2. Yield 7 GPM
- 3. Static water level 34 ft.
- 4. Will water supply be disinfected by installer?

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: Paul E Lennon

(Left card at casing)

Date: 6/24/91

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