

4-6-95  
12:09 do

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50613C

A 49667C

DISTRICT 5th

DATE 3-30-95

**HOWARD COUNTY HEALTH DEPARTMENT**  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXXXX~~ 313-2640

05-416046

DATE SYSTEM APPROVED 4/5/95

## INDEXED

INSPECTOR Chad

Adamson Plumbing & Heating

IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Fulton Manor LOT 15 ROAD 12360 Pleasant View Drive

PROPERTY OWNER Mr. and Mrs. William McQueen

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 1 foot below original grade. Bottom maximum depth 2½ feet below original grade. Effective area begins at 1 foot below original grade. 1½ feet of stone below distribution pipe.

LOCATION - Place distribution box 150 feet up the left lot line (295.86') and 100 feet off that same lot line when facing the lot from Pleasant View Drive. Run trenches on contour toward the left 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 2/23/95 DKS

PLANS APPROVED BY Amy McMillen DATE 01/17/95

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  
49667C



# APPLICATION

PERCOLATION TESTING

A 49467C

P \_\_\_\_\_

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

DISTRICT FIFTH

DATE September 13, 95

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 OTHA D. UPCHURCH Mr. & Mrs. William McQueen

ADDRESS 457 OLD ORCHARD CIRCLE PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER SALE AS OWNER

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

PROPERTY LOCATION:

SUBDIVISION UPCHURCH PROPERTY (ELTON MAJOR) LOT NO. ~~15~~ 15

ROAD AND DESCRIPTION 12276 HALL SHOP ROAD (12360 Pleasant View Drive)  
HIGHLAND MARYLAND

TAX MAP 40 PARCEL # 164 & 205

SIZE OF LOT 57,000<sup>sq</sup> TYPE BLDG. SINGLE FAMILY DWELLING - 4 Bed  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED  
AND RETURNED 2/8/95  
Levit # 57889

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 \_\_\_\_\_

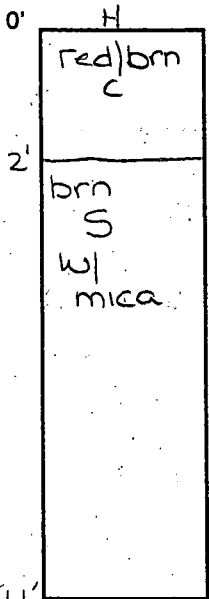
# THIS IS NOT A PERMIT

A49667C

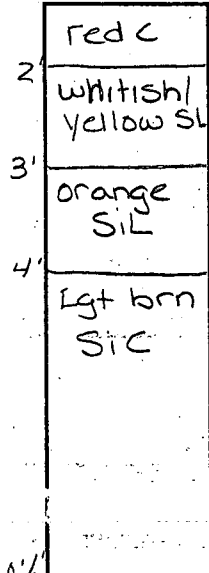
COUNTY #

Lot 15

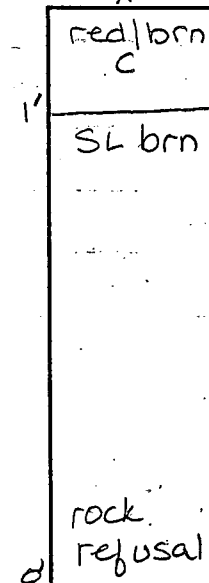
SOIL PROFILE



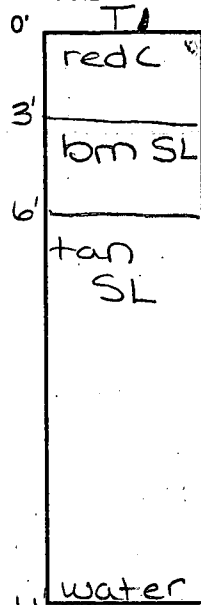
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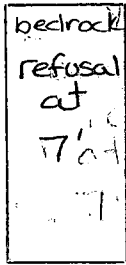
X



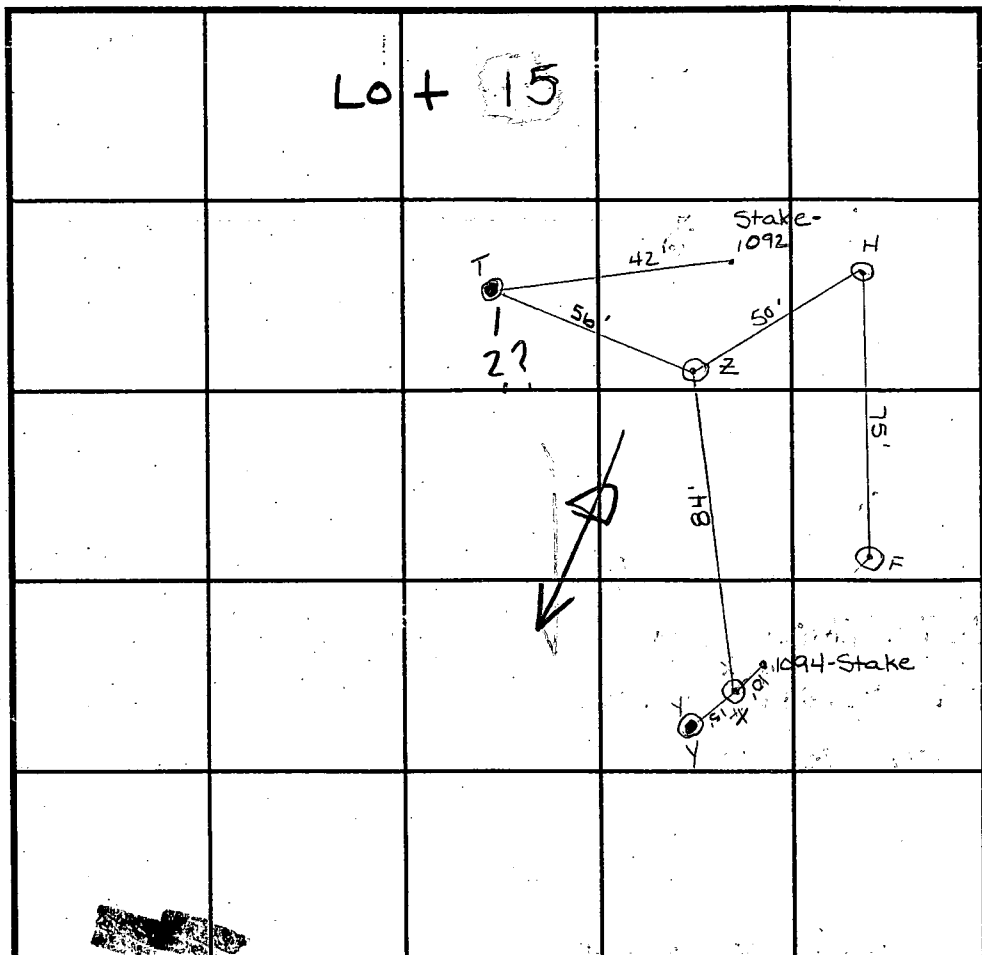
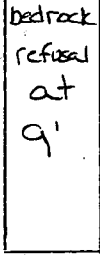
SOIL PROFILE



X



Z



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/15/93	H	3 VII	2:13 <sup>30</sup>	2:14 <sup>45</sup>	2:14 <sup>45</sup>	2:16 <sup>45</sup>	2min
10/15/93		6 VII	2:16 <sup>30</sup>	2:17	2:17	2:18	1min
10/15/93	F	3 VII 1/2	1:55	1:55 <sup>30</sup>	1:55 <sup>30</sup>	1:56	30sec
		repour	1:57 <sup>30</sup>	1:58 <sup>15</sup>	1:58 <sup>15</sup>	1:59 <sup>15</sup>	1min
10/19/93	X	1 V8	9:37 <sup>35</sup>	9:37 <sup>40</sup>	9:37 <sup>40</sup>	9:37 <sup>50</sup>	
		repour	9:38 <sup>43</sup>	9:39 <sup>20</sup>	9:39 <sup>20</sup>	9:43 <sup>20</sup>	4min
10/19/93	T	1 1/2 VII	9:49 <sup>30</sup>	9:52 <sup>40</sup>	9:52 <sup>45</sup>	9:57 <sup>15</sup>	4 1/2 min
	Z	Visual	to 9'	bedrock	—————		F at 9'
	Y	Visual	to 7'	bedrock	—————		F

REMARKS \_\_\_\_\_  
 TYPE OF SOIL MANOR  
 TESTED BY A McMillen / Craig Williams ALSO PRESENT Olan Ketterman  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2min TRENCH WIDTH 3'  
 INLET DEPTH 1' MAXIMUM BOTTOM DEPTH 2 1/2' SQ. FT/BEDROOM 180 ft<sup>2</sup>

C1 5990

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 A49667C

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

122894

011795

22 85 26 (TO NEAREST FOOT)

40-94-0277

OWNER FISHER COLLINS AND CARTER last name PLEASANT VIEW DR first name TOWN HIGHLAND SUBDIVISION FULTON MANOR SECTION LOT 15

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: Top Soil (0-2), Sandy (2-50), Sandstone (50-55), MICKA (55-80), GRAVEL Bed (80-85)

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 12 NO. OF POUNDS 800 GALLONS OF WATER 108 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 40 ft.

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

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) PL 6 60

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

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

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED:

WELL HYDROFRACTURED yes (Y) no (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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 116 DRILLERS SIGNATURE Nath Maynes (MUST MATCH SIGNATURE ON APPLICATION)

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

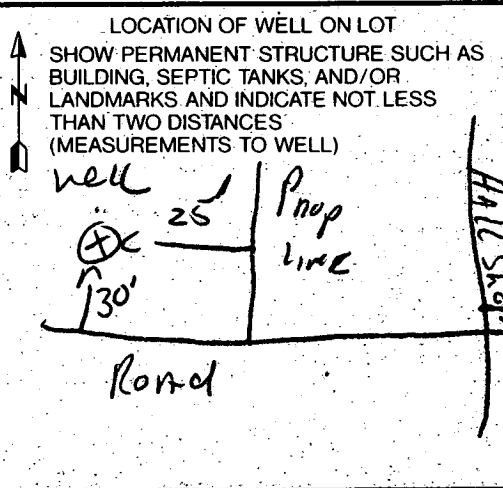
DEPTH (nearest ft.) HO 58 85

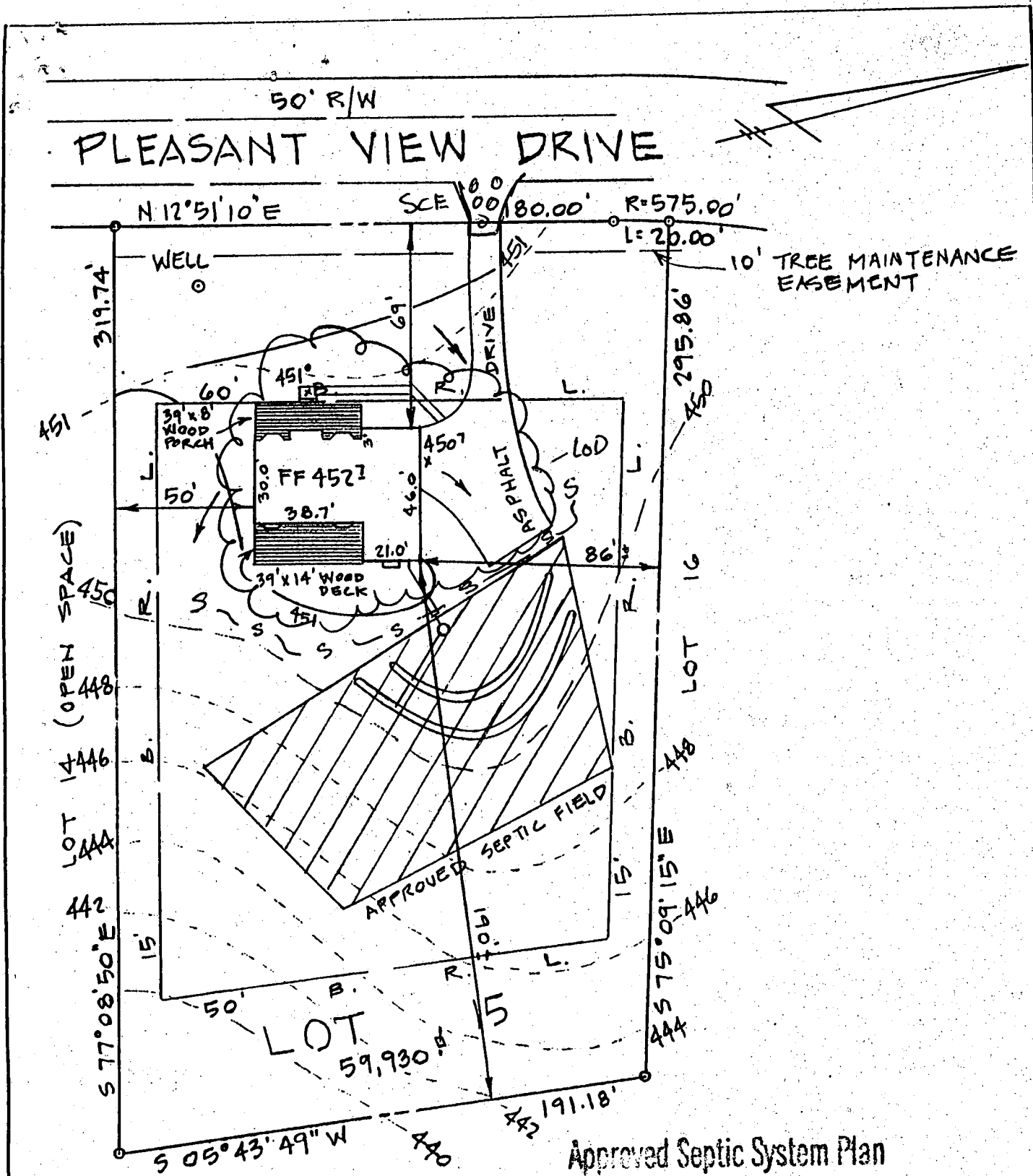
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE 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

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 19 WHEN PUMPING 21 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) LAND SURFACE (nearest foot)





Approved Septic System Plan  
Howard County Health Department

SEPTIC DATA		
HOUSE	FIN. FL.	452'
"	BSM'T	444'
"	SEWER INV.	450'
SEPTIC	INV. IN	449'
TANK	INV. OUT	449'
"	FIN. GR.	451'
DISTR.	INV. IN	449'
BOX	FIN. GR.	450'
WATER	EX. GR.	451'
WELL	PROP. "	451'

NOTE: TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

*Amy McMiller* 2/8/95  
Signature Date

ENGINEER  
JOHN L. SCHNEIDER, P.E.  
100 N. ROLLING RD.  
CATONSVILLE, MD. 21228  
301-744-1945

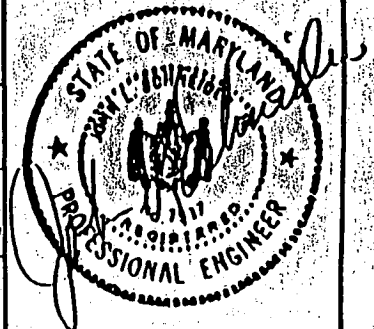
GRADING STUDY

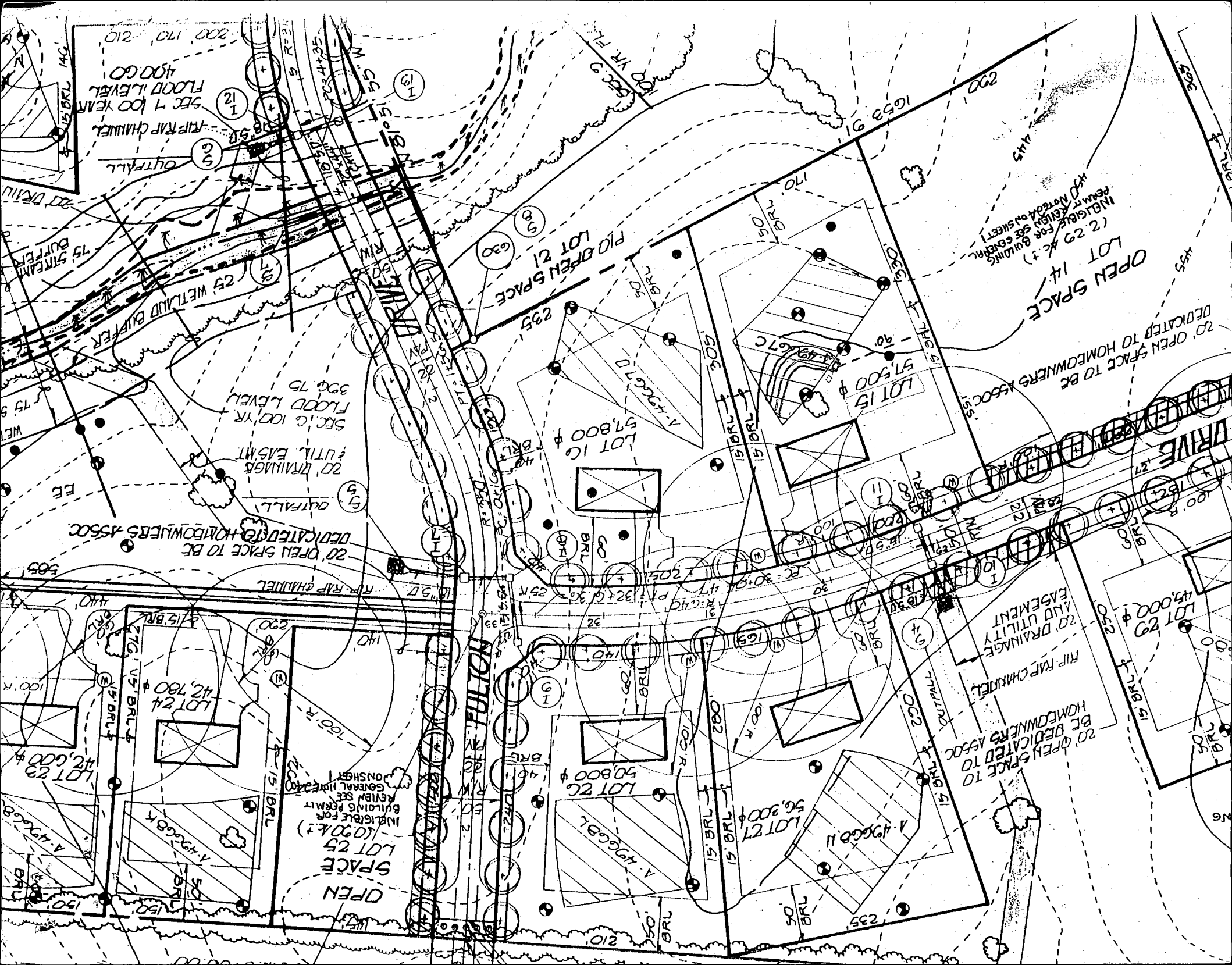
LOT 15 "FULTON MANOR"

5<sup>TH</sup> ELECTION DISTRICT  
HOWARD COUNTY-MARYLAND

SCALE: 1"=50'

DATE: 1/3/95





INTEGRATE FOR BUILDINGS PERM. REVIEW SEE GENERAL SHEET 1  
(2, 29 AK?)  
LOT 14 /  
OPEN SPACE

20' OPEN SPACE TO BE DEDICATED TO HOMEOWNERS ASSOC

DRIVE

20' DRAINAGE AND UTILITY EASEMENT  
RIP RAP CHANNEL

20' OPEN SPACE TO BE DEDICATED TO HOMEOWNERS ASSOC

OPEN SPACE  
LOT 25  
(10,20k?)  
INTEGRATE FOR BUILDING PERMIT REVIEW SEE GENERAL SHEET 1  
ON SHEET

FULGON

PIG OPEN SPACE  
LOT 21

20' OPEN SPACE TO BE DEDICATED TO HOMEOWNERS ASSOC

SEC. 100 YR. FLOOD LEVEL  
396.75

SEC. 100 YEAR FLOOD LEVEL  
400.00  
RIP RAP CHANNEL  
OUTFALL

75' BUFFER  
STREAM

WETLAND BUFFER

20' DRAINAGE & UTIL. EASMT  
OUTFALL

LOT 23  
\$2,600  
LOT 24  
\$2,780

LOT 27  
\$6,300

LOT 28  
\$4,000

LOT 29  
\$4,000

LOT 30  
\$4,000

LOT 31  
\$4,000

