

9/9/96
1-2 PM
9/10/96 11:00
10/8/96
WPI - A.M.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 57014J

A 49337H

DISTRICT 5

DATE 7/8/96

DATE SYSTEM APPROVED 9/6/96

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~301-9933~~ 313-2640

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Fulton Manor LOT 9 ROAD 12336 Pleasant View Drive

PROPERTY OWNER Roger Chen

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 130' up the right lot line (298.67) and 55 feet off that same lot line when facing the lot from Pleasant View Drive. Run trenches on contour toward the right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/1/96 DKS

PLANS APPROVED BY Glen Savage DATE 5/20/96

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

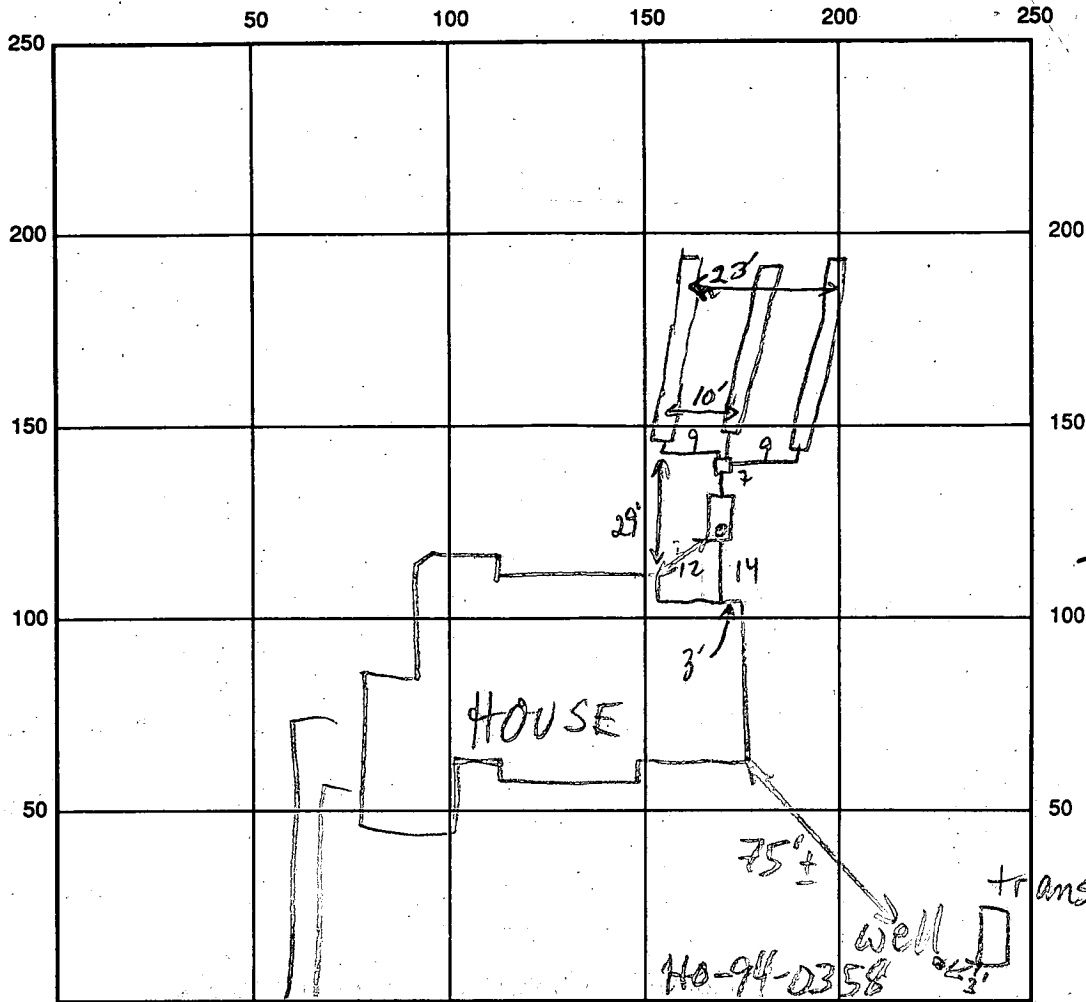
PERMIT VOID AFTER TWO YEARS

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**

A 49337H



10/8/96
 W.P.T.
 -OK, NEEDS
 SEALED
 WELL CAP,
 JS

PLEASANT VIEW DR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK

CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL

DRAIN FIELD/TITLE DEPTH 1/2/3
3/8/8 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 1/2/3
4/9/4 FT.

EFFECTIVE GRAVEL DEPTH 1/2/3
4/4/4 FT.

TOTAL LENGTH 3060 FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA SQ. FT.

DRYWALL INSIDE DIAMETER FT.

EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 9/9/96 TOPO NOT PER PLAN; OK TO CONTINUE MR
last trench + DB OK to Comm PP 9/10/96 House Connected ok to Comm also 9/10/96

DATE SYSTEM APPROVED 9/10/96

INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 49337H

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT Fifth

DATE JUNE 8, 1993

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 Roger choz

ADDRESS 457 Old Orchard Circle PHONE _____

AGENT OR PROSPECTIVE BUYER SAME AS OWNER

ADDRESS _____ PHONE _____

PROPERTY LOCATION: Fulton Manor
SUBDIVISION Upchurch Property LOT NO. 9 Lot 9

ROAD AND DESCRIPTION 12276 Hall Shop Road 12336 Pleasant View Drive
HIGHLAND MARYLAND

TAX MAP 40 PARCEL # 1648205 **BLDG. PERMIT SIGNED AND RETURNED 5-20-96**
sew # 65051

SIZE OF LOT 70,000^{sq} TYPE BLDG. SINGLE FAMILY DWELLING - 4 BRoms
(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 _____ 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

A 49337H

Wedgwood Farmstead

COUNTY #
 LOT #7
 SOIL PROFILE
 Hole #703

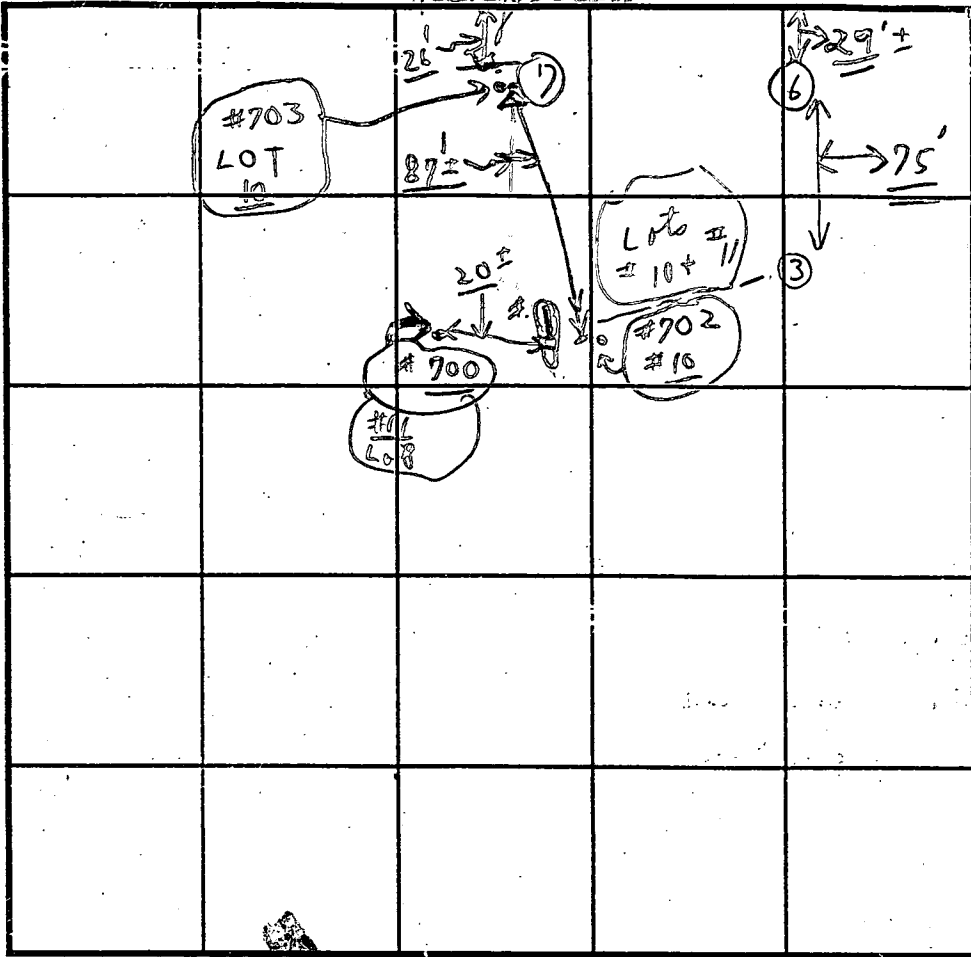
0' to 3 1/2'
 Clay
 3 1/2'
 Sandy
 LOAM
 ↓
 12 1/2'

Hole #1 2700

0' - 3'
 clay
 3' to
 LOAM
 ↓
 13'

Hole #3 705

0' to 4'-10"
 Clay
 4'-10"
 LOAM
 ↓
 12 1/2'



 SOIL PROFILE
 Hole #6

0' to 3' clay
 Visual
 3'
 Sandy
 LOAM
 ↓
 12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/23/93	⑥	3'					
Wednesday	Not started	12'	0' - 1'				
	②	3 1/2'	1:36	1:38	1:38	1:43	5 min
	LOT #703	12 1/2'	0' - 3 1/2'	3 1/2' - 12 1/2'	(See #10)		Sandy LOAM
	③						
	of #10		0' - 1'				
	④						
	of #10		0' - 1'				
		cat					
	(see #10)						

REMARKS Tests in open ; tests per state
 TYPE OF SOIL Loam below clay
 TESTED BY C. Bd ALSO PRESENT { O. Ketterman + helper }
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 min TRENCH WIDTH 2'
 INLET DEPTH 4' MAXIMUM BOTTOM DEPTH 8' SQ. FT./BEDROOM 180'

C1 3573

SEQUENCE NO. (DENV USE ONLY)

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

A49337H

ST/CO USE ONLY DATE Received

032195

DATE WELL COMPLETED

022795

Depth of Well

185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

HO-94-0358

OWNER AC & C last name Pleasant View Drive TOWN Highland SUBDIVISION Fuhon Manor SECTION LOT 9

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for Top Soil, Sandy Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY, NO. OF BAGS 99, NO. OF POUNDS 1900, GALLONS OF WATER 114, DEPTH OF GROUT SEAL from 0 to 40 ft.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE PL 6 SS, Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 55.

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

SCREEN RECORD: screen type or open hole insert appropriate code below, SCREEN RECORD ST BR HO PL OT, SLOT SIZE 1 2 3, DIAMETER OF SCREEN (NEAREST INCH) 56 to 60.

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

WELL HYDROFRACTURED YES (Y) NO (N)

- 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. 116

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

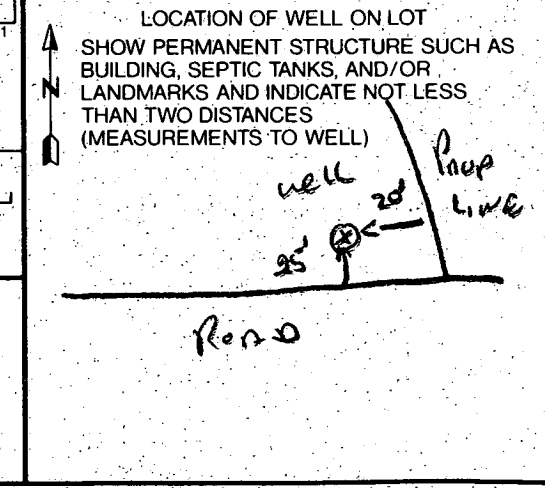
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft) 185, 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, 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 25, WHEN PUMPING 48, 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: S, 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.



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0358
 Location of property (road) Pleasant View Drive
 Subdivision Fulton Manor Lot 9 Block FCC Plat _____ Sec. _____
 Well Driller R. Mayne Owner _____

Depth of well 185'
 Distance of measuring point (M.P.) above ground 2 ft
 Static water level (S.W.L.) below M.P. 25 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 10 GPM
 Total time 15 min to reach pumping water level 48 ft. below M.P.

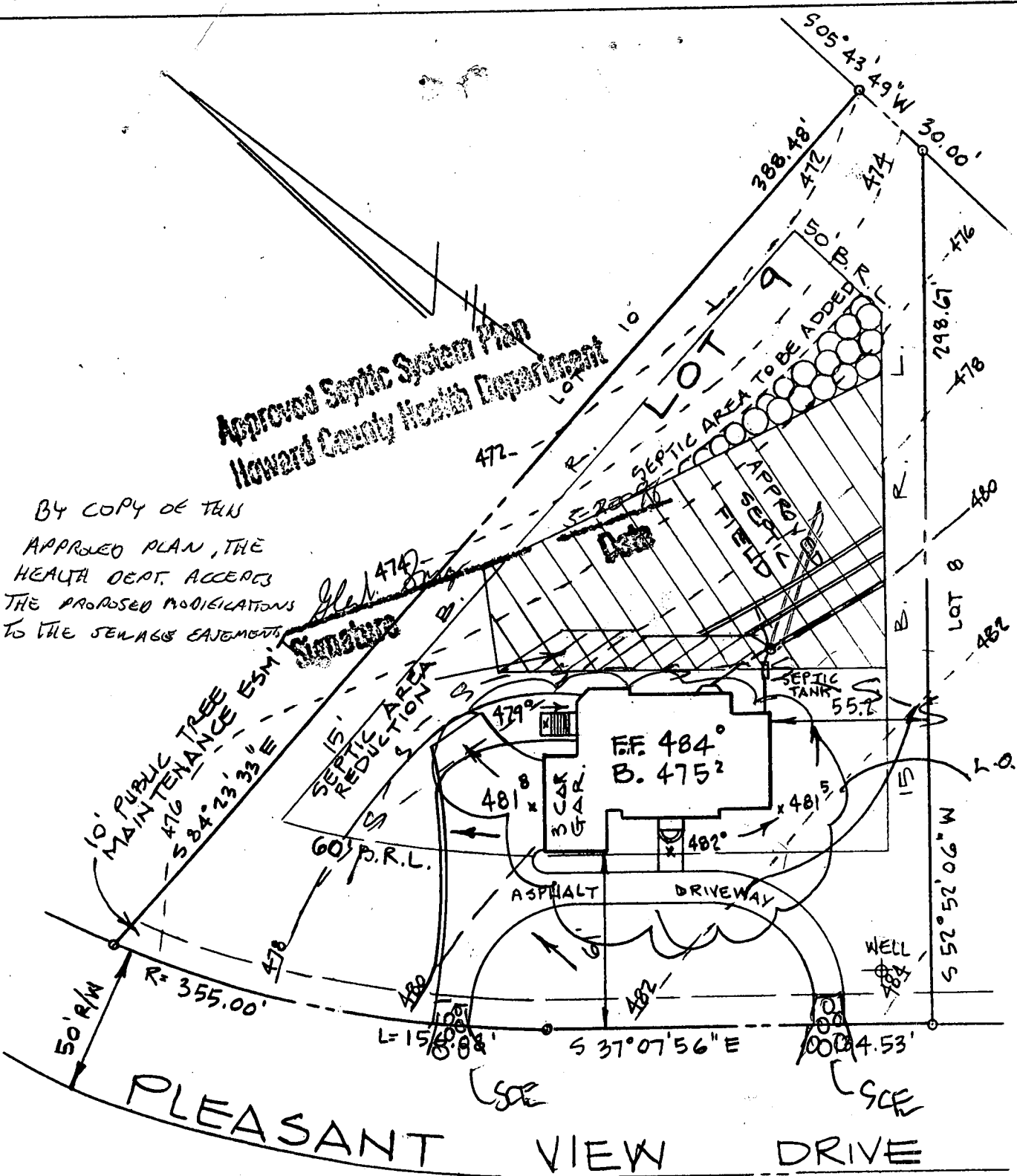
II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill <u>5</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)	
9:00	48 ft	6 Sec	Flow Meter Reading (if used)	10 GPM	
9:15	48 ft	6 Sec		10 GPM	
9:30	48 ft	6 Sec		10 GPM	
9:45	48 "	6 "		10 "	
10:00	48 "	6 "		10 "	
10:15	48 "	6 "		10 "	
10:30	48 ft	6 Sec		10 GPM	
10:45	48 ft	6 Sec		10 GPM	
11:00	48 ft	6 Sec		10 GPM	
11:15	48 "	6 "		10 "	
11:30	48 "	6 "		10 "	
11:45	48 ft	6 Sec		10 GPM	
12:00	48 ft	6 Sec		10 GPM	

HD-224 55 CASING 40' open 19 BAGS

Approved Septic System Plan
 Howard County Health Department

BY COPY OF THIS
 APPROVED PLAN, THE
 HEALTH DEPT. ACCEPTS
 THE PROPOSED MODIFICATIONS
 TO THE SEWAGE EASEMENTS.



SEPTIC DATA

HOUSE FIN. FL.	484°
" BSMT	475.2
" SEWER INV.	476.6
SEPTIC INV. IN	476.4
TANK INV. OUT	476.1
" FIN. GR.	480.2
DISTR. INV. IN	476°
BOX FIN. GR.	480°
WATER EX GR.	483.8
WELL FIN. GR.	"

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

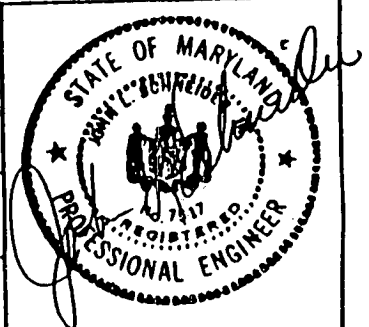
ENGINEER
 JOHN L. SCHNEIDER, P.E.
 100 N. ROLLING RD.
 CATONSVILLE, MD. 21228
 410-744-1945

RECORD PLAT NO 11569

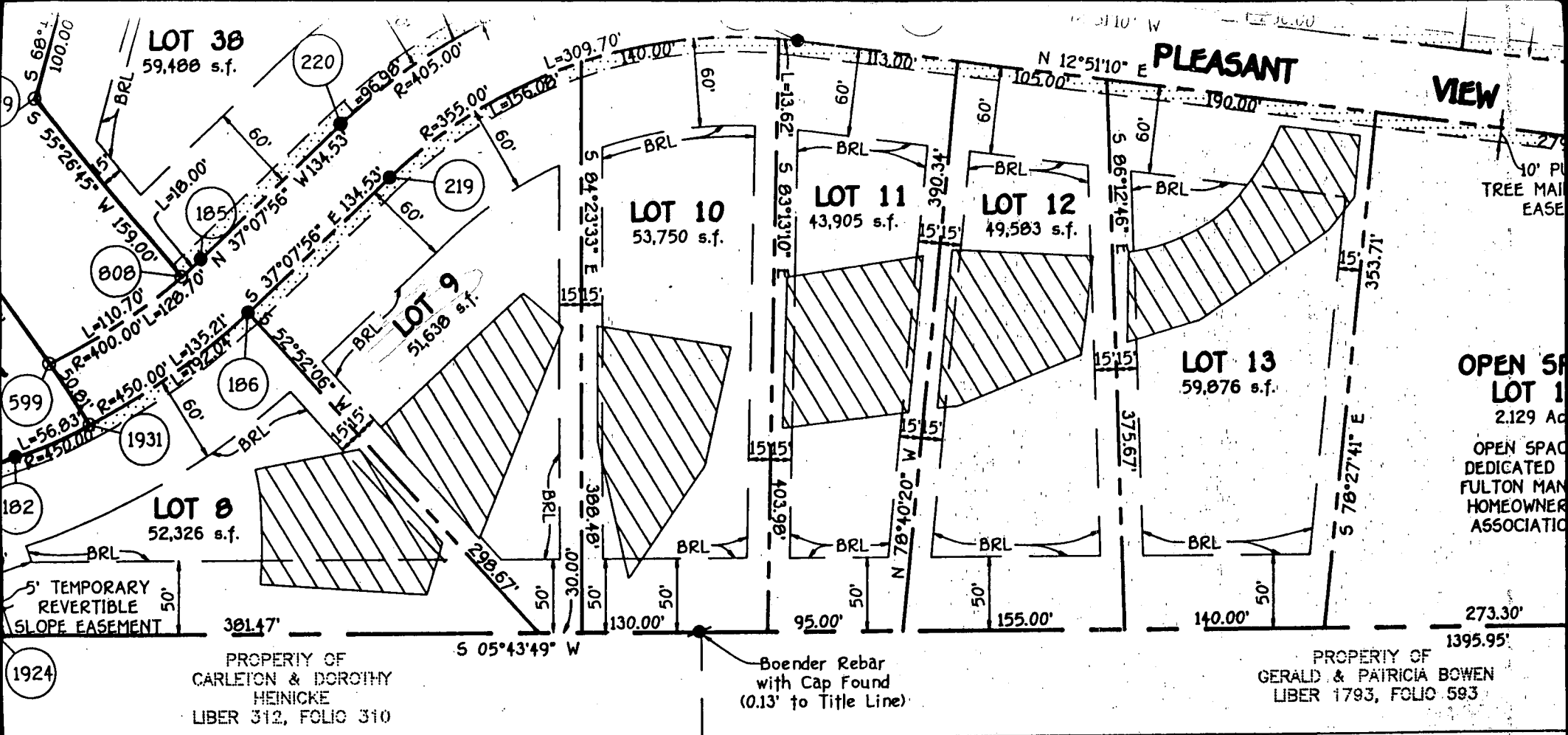
GRADING STUDY
 LOT 9 "FULTON MANOR"
 5TH ELECTION DISTRICT
 HOWARD COUNTY - MARYLAND

SCALE: 1" = 50'

DATE: MAY 3, 1996



CP-96-160



PROPERTY OF
CARLETON & DOROTHY
HEINICKE
LIBER 312, FOLIO 310

Boender Rebar
with Cap Found
(0.13' to Title Line)

PROPERTY OF
GERALD & PATRICIA BOWEN
LIBER 1793, FOLIO 593

OWNER'S CERTIFICATE

PARTNERSHIP, BY EARL D. COLLINS, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ASSIGNS; (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER AND OTHER SERVICES IN AND UNDER ALL ROADS OR STREET RIGHTS-OF-WAY AND THE SPECIFIC OWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE DEDICATION OF WATER WAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR MAINTENANCE AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE CONSTRUCTED ON THE SAID EASEMENTS AND RIGHTS-OF-WAY. WITNESS MY HAND THIS 2ND DAY OF DECEMBER, 1994

Chiffle
WITNESS

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT AND THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY DEED DATED OCTOBER 1988 TO UPCHURCH AND CAROL F. UPCHURCH AND UPCHURCH PROPERTY PARTNERSHIP BY DEED DATED OCTOBER 1988 RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND LIBER No. 3356 AT FOLIO 229 AND THAT ALL MONUMENTS ARE IN PLACE WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS AND SUBDIVISION BY HOWARD COUNTY, MARYLAND AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED, AND MONUMENTS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS

Terrell A. Fisher
TERRELL A. FISHER, L.S. 10692

Earl D. Collins
PARTNERSHIP
1149