

9-29-94  
Vpm C-D  
9/30/94  
11:AM

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50269 A

A 49197

DISTRICT 5th

DATE 9/12/94

DATE SYSTEM APPROVED 9/30/94

INSPECTOR C.B.N.

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

# INDEXED

Adamson Plumbing & Heating IS PERMITTED TO INSTALL X ALTER       

ADDRESS 7825 McCellan Avenue, Boonsboro, Maryland 21713 PHONE 301-416-3968  
SUBDIVISION Fulton Manor LOT 1 ROAD 12300 Pleasant View Drive  
~~12260 Hall Shop Road~~

PROPERTY OWNER Jamestown Builders - Thor Lehner

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

BLDG. PERMIT SIGNED  
AND RETURNED 10/10/94  
Serial # 63901  
Inspector's Initial

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

LOCATION - Place distribution box 95 feet off the right property line (184.63') and 60 feet off the front lot line (194.33') when facing the lot from Pleasant View Drive. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. MAINTAIN 100 FEET MINIMUM DISTANCE FROM WELL TO ANY PART OF SEPTIC SYSTEM. OK 8/30/94 DKS

PLANS APPROVED BY Amy McMillen DATE 08/02/94

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

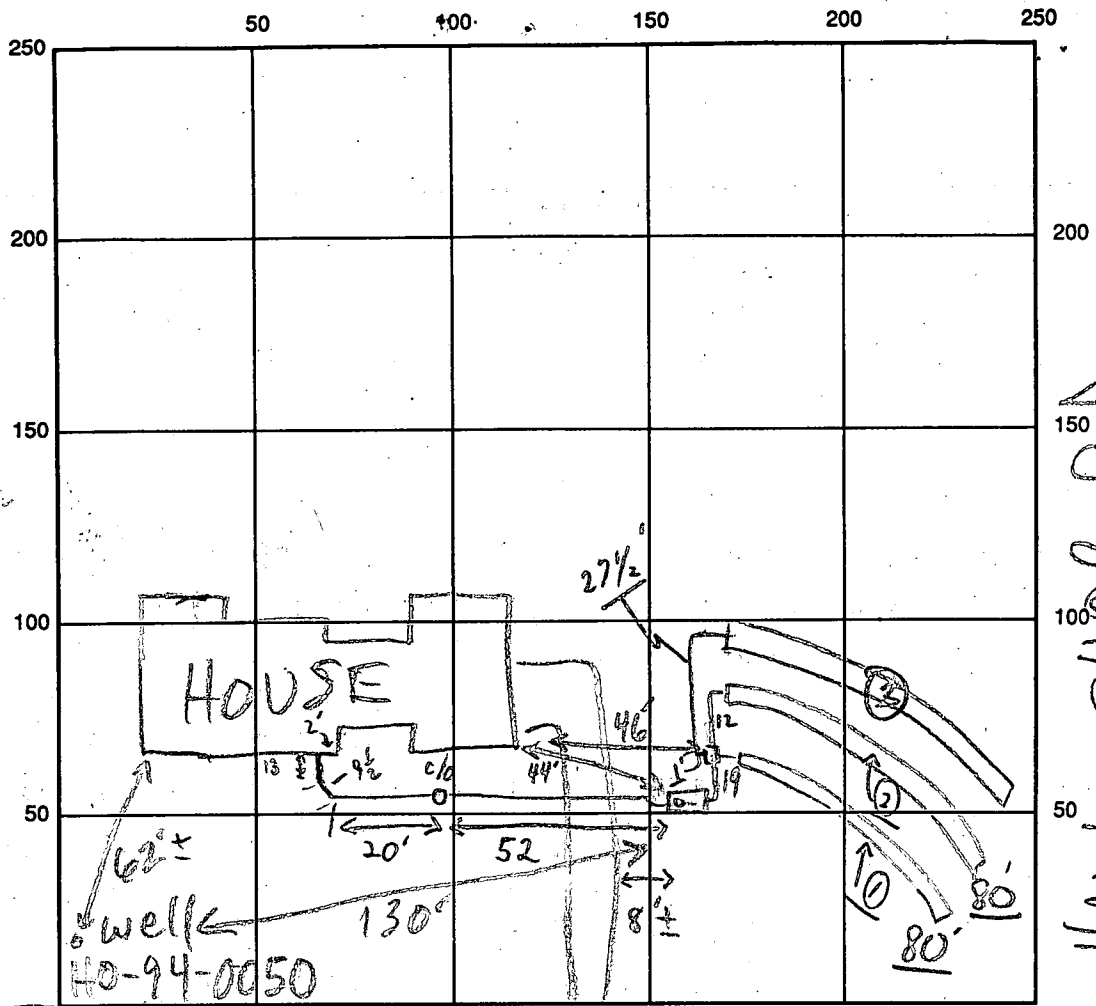
PERMIT VOID AFTER TWO YEARS

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

Add-on - Deck  
BLDG. PERMIT SIGNED  
AND RETURNED 3-26-96  
Serial # 63901

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



to be Pleasant View Dr INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS S.T. OK | C.O.#1 OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. { 0, 2, 3 82' } TOTAL LENGTH 3 @ 80' FT. = 242'

NUMBER OF TRENCHES 3 ~~ONE-SIDED~~ BOTTOM AREA 3 @ 240 SQ. FT. (726')

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 726 SQ. FT.

REMARKS: 9/29/94 OK TO FINISH FIRST TWO TRENCHES;  
DIG TRENCH (3); #2 GRAVEL PLACED UNDER DRIVEWAY MR  
9/30/94 #1 + #2 Trenches ok to cover; #3 ok to cover  
as finish trench; C&S ← Material on site - Final.

9/30/94 W.P.I. - not ready C&S

DATE SYSTEM APPROVED 9/30/94 INSPECTOR Charles Bryan Street

5/12/93  
10/00

# APPLICATION

PERCOLATION TESTING

A 49/97  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_  
DATE 4/26/93

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 Jamestown Builders

ADDRESS 457 OLD ORCHARD CIRCLE PHONE \_\_\_\_\_  
MILLERSVILL MD. 21108

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

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

PROPERTY LOCATION:

SUBDIVISION UPCHURCH PROPERTY LOT NO. 1

ROAD AND DESCRIPTION 12260 Halls shop Road

TAX MAP 40 PARCEL # 164 + 205

SIZE OF LOT 1 AC. ± TYPE BLDG. \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 8/2/94  
Serial # 55611 -  
S.F.D. 4Bmm  
(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. Zacharia Y. Hsch (agent)  
(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

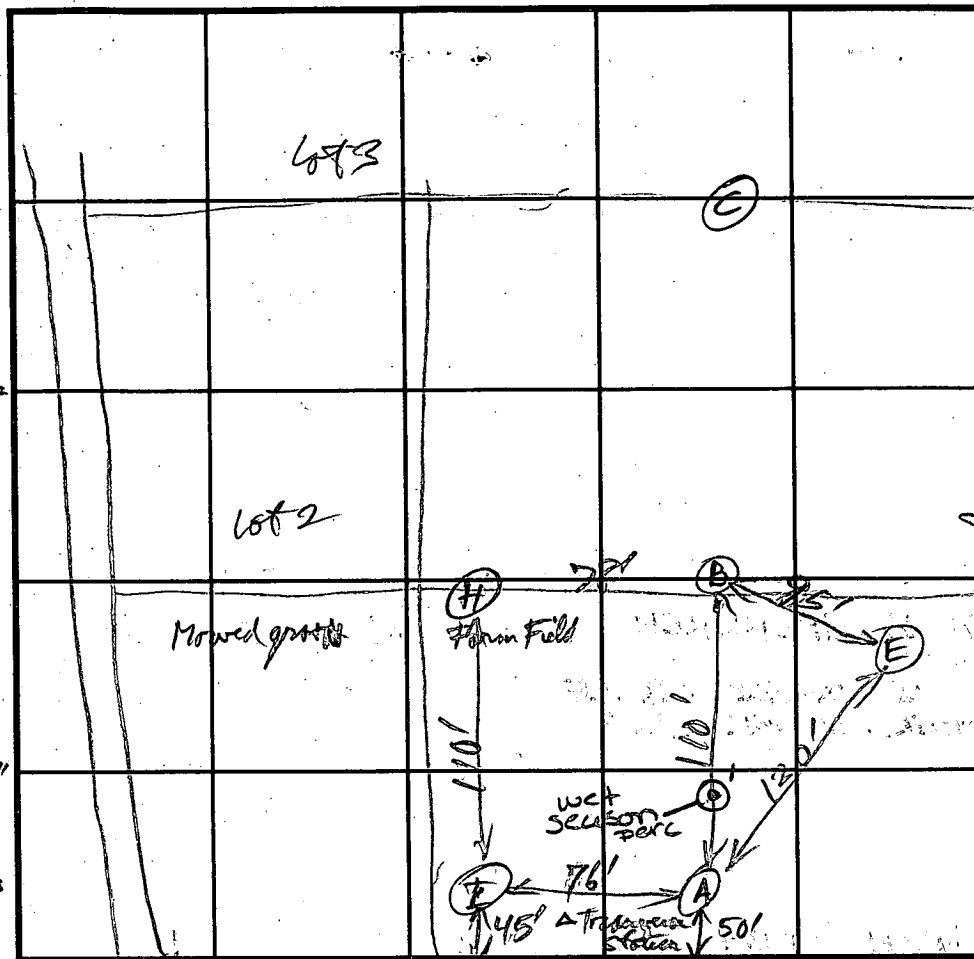
lot 1 49197  
COUNTY #

SOIL PROFILE

0' A  
Topsoil Brn Loam  
6" Red LCL  
1 1/2' Orange Yea. mica hL  
Mid Brn v. Mica Loam -SL  
Ls Str  
5' water seepage, orange mica Ls streaks  
7' Mid Brn - vel Brn v. Mica SL Ls Str  
water  
12 1/2' dry Ls  
South B North

St Brn hL 6-70"  
1 1/2' Red Brn hL  
2 1/2' Red hL  
4' Red hL  
5' Mid Str Brn FSL-SL Ls Str

C  
6" Red Brn Loam  
2 1/2' Red LCL  
2 1/2' Orange-Red v. Mica SL  
4 1/2' Mid Brn v. Mica SL  
FSL-SL  
Ls Strs  
9 1/2' dark grey Ls  
10' Red



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE  
Hollow Shop Rd

SOIL PROFILE

0' E  
Red Brn CL  
3' Red Brn-Orange v. Mica wet hL  
4' Mid Brn F Loam SL v. Mica  
6' var. orange cream, Red Brn wet FSL-SL mica. Sat. water seepage wet  
8' Blk-deg. laterite FSL-L micaceous  
12' water @ 8' 12

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-12-93	A	3 1/2'	10:47:30	10:50:40	10:50:40	10:52:40	3 min
		7'	10:46:30	10:48:50	10:48:50	10:52:30	3 1/2 min
		v 12 1/2'	water @ 12'	Saturated	to 11 1/2'	@ 3 hrs	
	B	3'	9:51:30	9:52:40	9:53:40	9:57:00	4 min
		6'	9:49:35	9:51:04	9:51:04	9:53:50	2 1/2 min
		v 12'					
	C	3 1/2'	net 10:18:20	10:21:00	10:21:00	10:23:20	2 min
		7'	net 10:13:30	10:15:15	10:15:15	10:18:00	
		v 10'	net 10:12:20	10:13:30	10:13:30	10:15:00	2 min
			Rich @ 10'	10:20:40	10:20:40	10:22:50	
	E	v 12'	water seepage @ 8' casing @ 6'				
	H	seepage 2 (A43198)				4 1/2' 5'	100 Slit 2 1/2 min 3 min
	I	seepage 2 (A43198)				v 14'	2 min 3 min
2/22/94	1	visual	12'			9	2 1/2 min OK

REMARKS

TYPE OF SOIL C&B2 MgB2 chestnut Mason broadly loam  
TESTED BY R.P. [unclear] ALSO PRESENT Ollie Katterman Chuck Crown  
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 min TRENCH WIDTH 3'  
INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 4' SQ. FT./BEDROOM 180'

**B 1** 1207

SEQUENCE NO.  
(DP USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-94-0050

(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)

032194

OWNER INFORMATION

FISHER-COLLINS-CARTER

9121 BALT. MATL PIKE

ELLICOTT CITY MD 21042

DRILLER INFORMATION

Ralph MAYNE

MSD/MGD/MWD

116

Ralph MAYNE Well Drilling

9120 Brown Church Rd. Mt. Airy

Ralph Mayne 3/18/94

**B 3**

LOCATION OF WELL

HOWARD

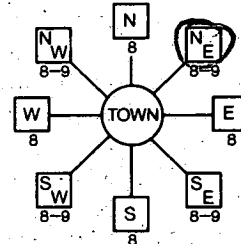
UPCHURCH PROP

HIGHLAND

2 MILES FROM TOWN

**B 4**

DIRECTION OF WELL FROM TOWN



HALS Shop Rd.

ON WHICH SIDE OF ROAD

300

ENTER FT OR MI

TAX MAP: BLK: PARCEL

**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)

APPROXIMATE DEPTH OF WELL 150 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

REPLACEMENT OR DEEPEMED WELLS

- 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 DEEPEM AN EXISTING WELL

APPROX. PERMIT NUMBER GAP

FORCE *AM* PERMIT No. 40-94-0050

SPECIAL CONDITIONS 461-2855

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY A49197

STATE SIGNATURE DATE ISSUED

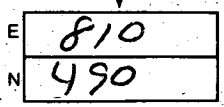
032994 A.M. Miller 3/29/95

NORTH GRID 489000 EAST GRID 817000

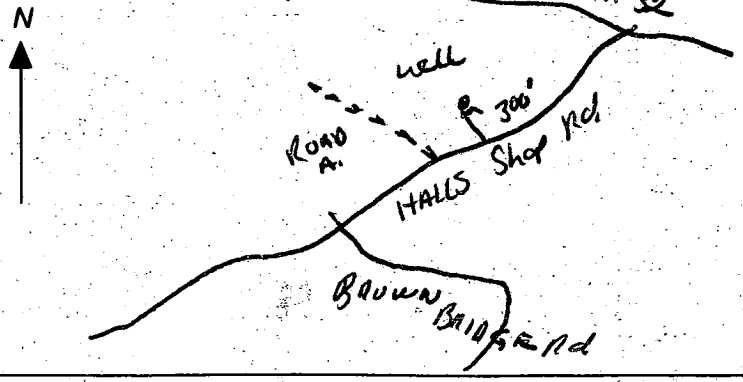
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE



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



Location - OK  
Using 50' open 30' grout 16 bags

08  
3/29/94

C1 8822 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A49197

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED 032194

042994

245 (TO NEAREST FOOT)

40-94-0050

OWNER Fisher Collins & Carter last name Hall Street or RFD Shopp Rd first name TOWN Highland SUBDIVISION Lochurch Property SECTION LOT 1

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, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 1000

CASING RECORD casing types insert appropriate code below (ST, CO, PL, OT)

MAIN CASING TYPE (PL) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 50

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

SCREEN RECORD screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT)

DEPTH (nearest ft.) HO 48 245

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED 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...

DRILLERS IDENT. NO. 116 DRILLERS SIGNATURE

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

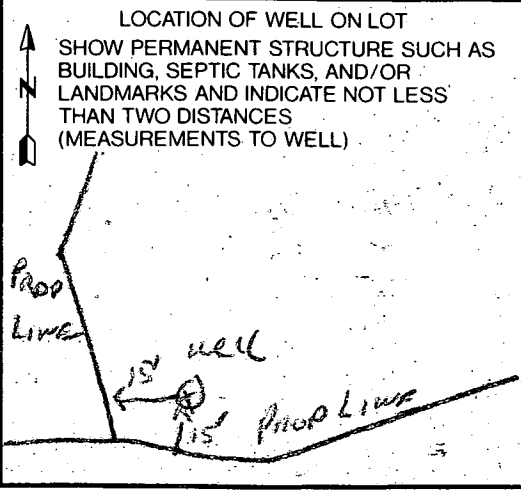
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

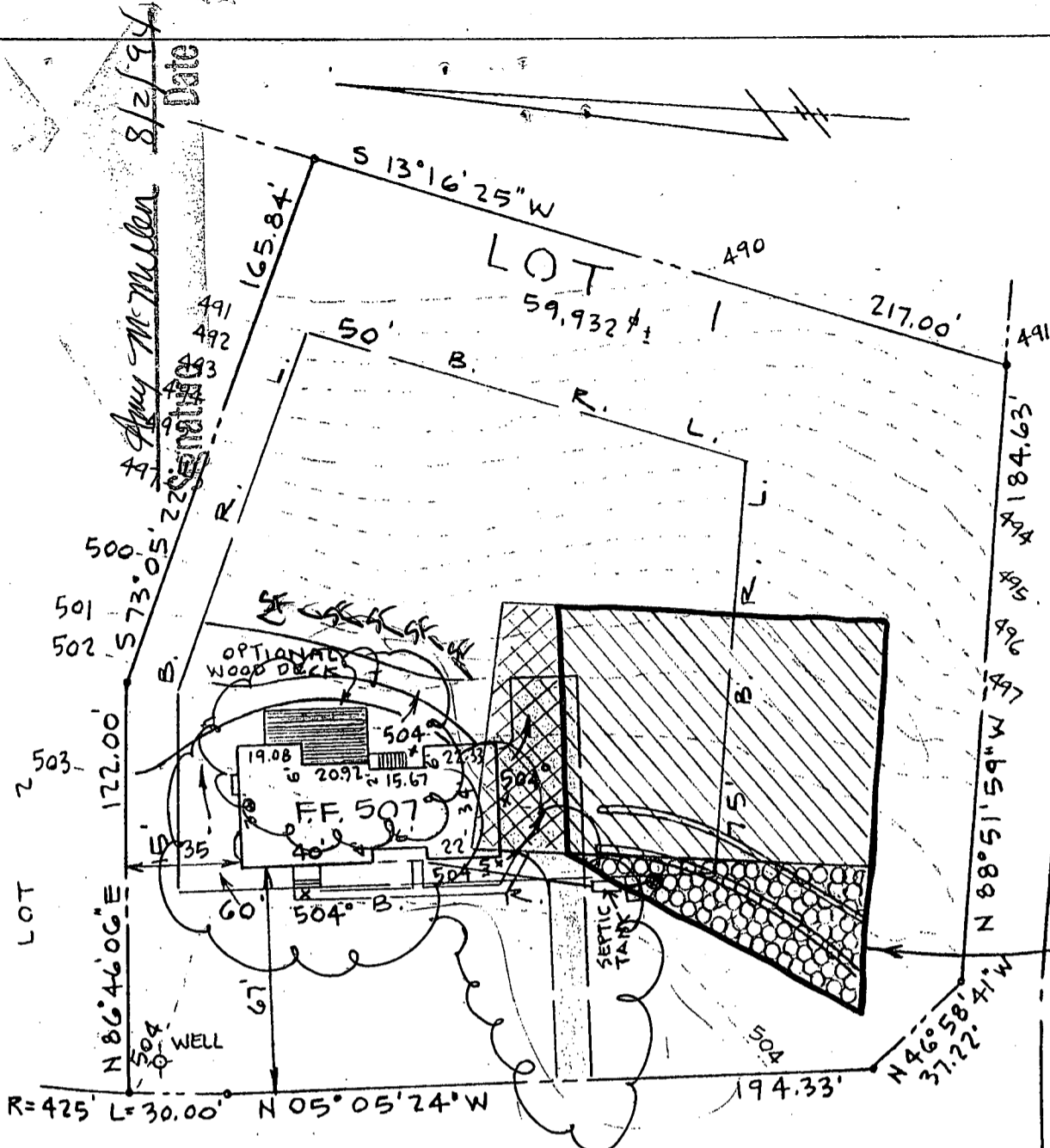
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q (74, 75, 76)

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 20 WHEN PUMPING 47 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 LAND SURFACE (2) (nearest foot)



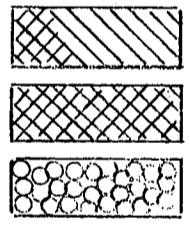


SEPTIC DATA

HOUSE FIN. FL.	507°
" BSMT.	498°
" SEWER INV.	503°
SEPTIC INV. IN	5018
TANK INV. OUT	5015
" FIN. GR.	5035
DISTR. INV. IN	5013
BOX FIN. GR.	5033
WATER EX. GR.	504°
WELL FIN. GR.	504°

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

SEPTIC FIELD LEGEND



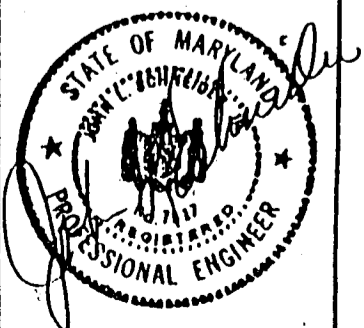
DONATES EXISTING APPROVED SEPTIC FIELD  
 DONATES AREA REQUESTED TO BE ELIMINATED.  
 DONATES AREA REQUESTED TO BE ADDED FOR PROPOSED SEPTIC DISPOSAL EASEMENT.

ENGINEER

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

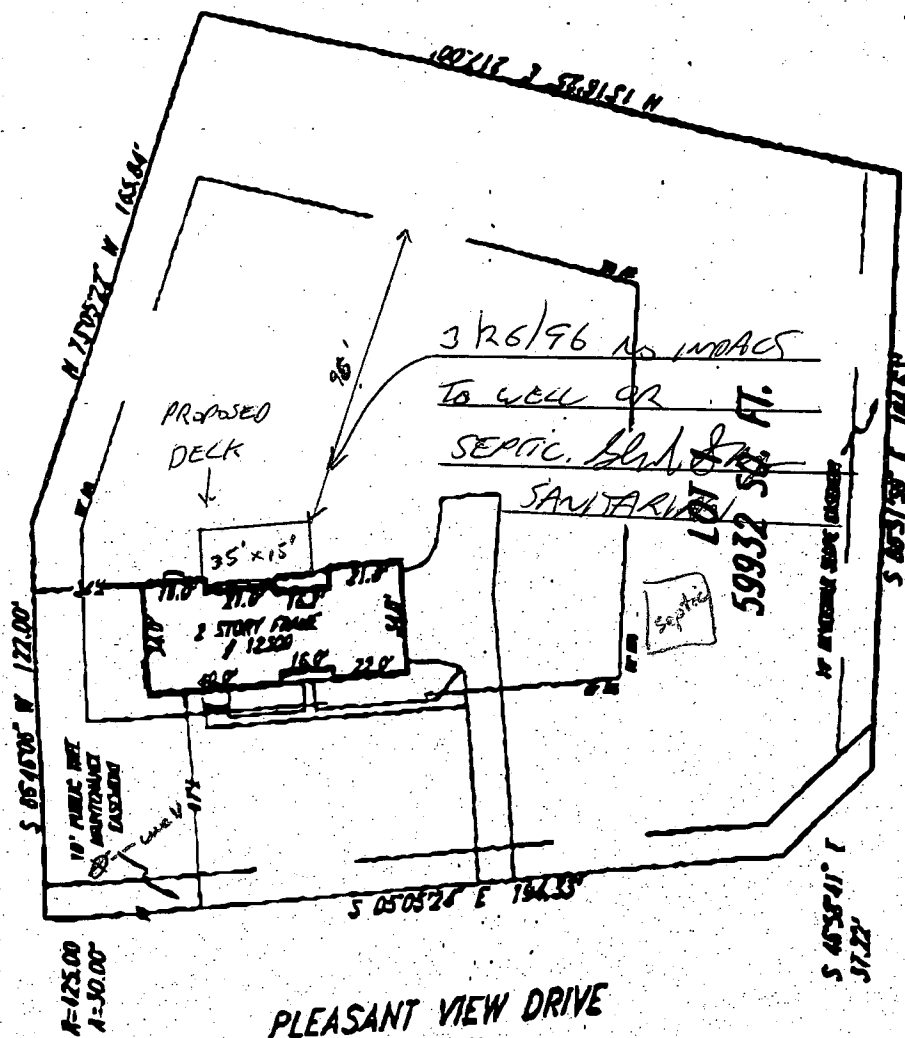
RECORD PLAT NO 11255

GRADING	STUDY
LOT 1 "FULTON MANOR"	
5th ELECTION DISTRICT HOWARD COUNTY - MD.	
SCALE: 1"=50'	DATE: JULY 19, 1994



Approved Septic System Plan  
Howard County Health Department  
Date: 8/2/94  
Amy McMullen

1) All of local agencies and to not guaranteed by NTT, Inc.  
 2) NTT, Inc. does not certify to whether or not the information of the original  
 3) property records and plans, as presented by the building  
 4) Surveyor is correct.



PLEASANT VIEW DRIVE

**SURVEYOR'S CERTIFICATION**

"I hereby certify to the Howard County Department of Inspection, Licensing and Permits that a site inspection (based on field observations, measurements, and surveys) was made under my direction on July 11, 1995 at 12300 PLEASANT VIEW DRIVE except as noted below, to the best of my knowledge, information and belief, this lot has been final graded in compliance with the approved Site Development Plan or, if none, the approved Erosion and Sediment Control Plan and Grading Plan. In addition to general compliance with the applicable plan, this inspection was made with the following items being checked for compliance with Section 3.101, Subsection 300A.3 of the Howard County Code, or a minimum:

- a. Drainage Courses - correct direction of flow, (if applicable) located within drainage easement, constructed with a positive and uniform grade, and
- b. Lot Grading - positive drainage away from the structure, the grade with no local low spots.

**EXCEPTION:** This certification is only to the courses and drainage shown on the survey.

This certification is only a guarantee the location of the original design grades, hereby that those grades have been established."

*J. Carl Hudgins*

Subject Property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of Howard County, Maryland, Form FIRM of 45 Community Panel # 240044-00. Effective date: December 9, 1988

This is to certify that I have surveyed the property shown hereon, being known as **LOT 1** **12300 PLEASANT VIEW DRIVE** in Plat Bk. 11235 Liber Folio for the purpose of locating the improvements thereon.

This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing purposes. This plat is not to be relied upon for the establishment of location of fences, garages, buildings, or other existing or future structures. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.

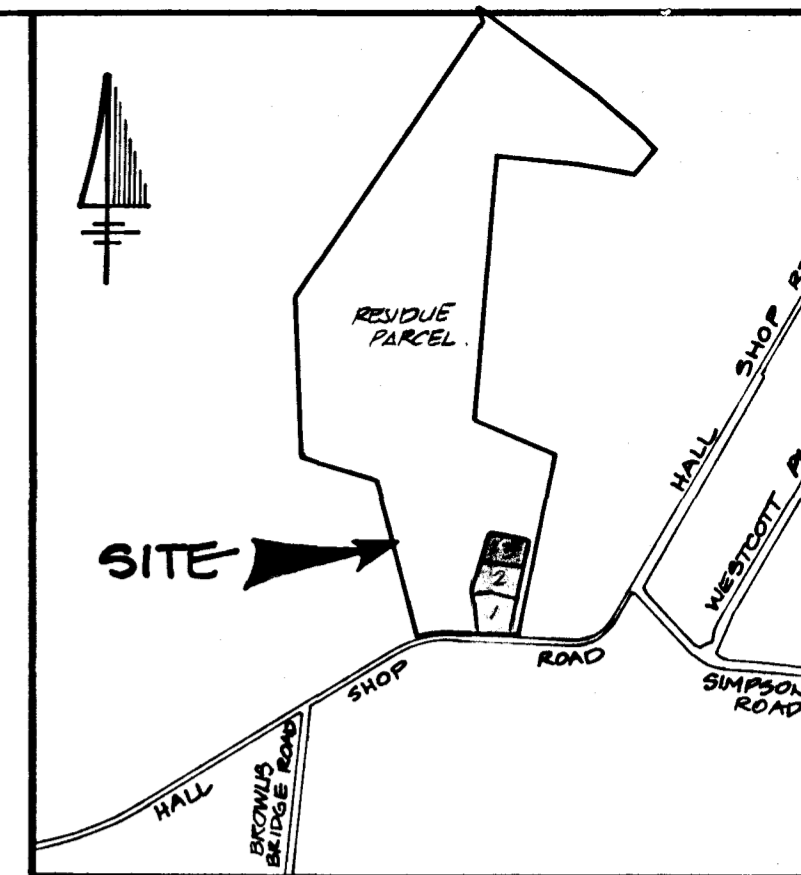


LOCATION DRAWING  
 12300 PLEASANT VIEW DRIVE  
 FULTON MANOR  
 5TH ELECTRON DISTRICT  
 HOWARD COUNTY, MARYLAND

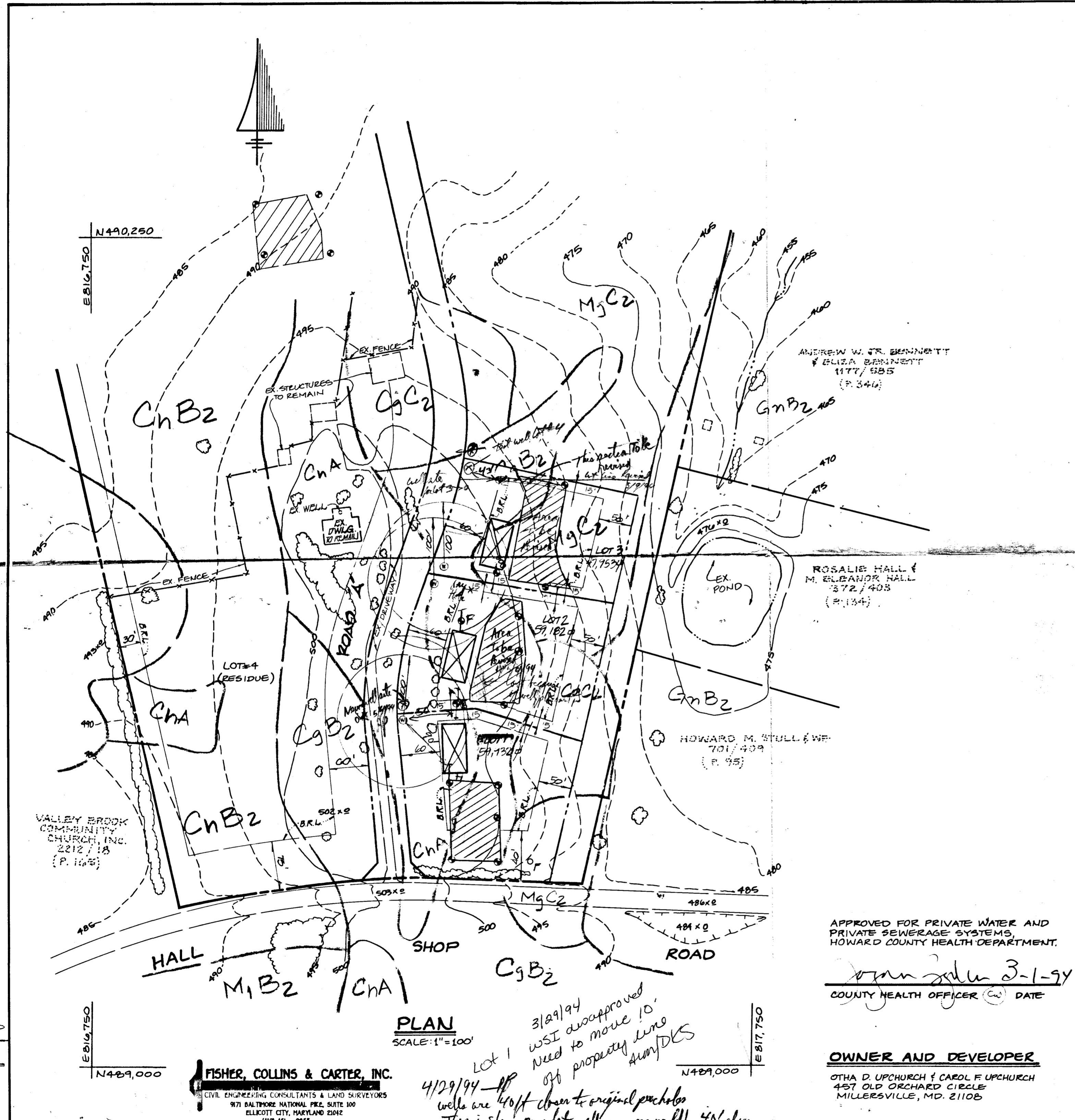
NTT Associates, Inc.  
 16205 Old Frederick Road  
 Mt. Airy, Maryland 21771  
 Ph. (410)442-2031  
 Fax No. (410)442-1315

Scale: 1" = 40'  
 Date: JUL 11, 1995  
 Field by: JCH  
 Drawn by: JCH  
 Drawing # M177





**VICINITY MAP**  
SCALE: 1" = 1,200'



- GENERAL NOTES:**
- SUBJECT PROPERTY IS ZONED RR-DCO AS PER 2002 COMPREHENSIVE ZONING PLAN.
  - TOTAL AREA OF PROPERTY: 91.52 AC.
  - TOTAL NUMBER OF BUILDABLE LOTS: 3.
  - TOTAL AREA OF BUILDABLE LOTS: 3.061 AC.
  - PRIVATE WATER AND SEWER TO BE UTILIZED.
  - THERE ARE EXISTING DWELLINGS ON LOT NO. 4 (RESIDUE) TO REMAIN.
  - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
  - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
  - ⊗ DENOTES PROPOSED WELL LOCATION.
  - ⊗ DENOTES PROPOSED HOUSE LOCATION.
  - TOPOGRAPHY BASED ON HOWARD COUNTY'S 1"=200' TOPO.
  - SOILS MAP No. 28.
  - DENOTES PERC HOLE.
  - DENOTES FAILED PERC HOLE.
  - SLOPES ON SITE ARE FLATTER THAN 15%.
  - REPRESENTATIVE TEST WELLS AS DIRECTED BY THE HEALTH DEPT. TO BE DRILLED ON LOTS 1, 2, 3 PRIOR TO SIGNATURE OF FINAL PLAN.
  - GmB2: SOIL SUBJECT TO HYDRIC CONDITIONS.
  - PERCOLATION AREAS AND WATER WELLS FOR ADJACENT LOTS WILL BE SHOWN WHERE PERTINENT.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.

*John Zulu* 3-1-94  
COUNTY HEALTH OFFICER DATE

**OWNER AND DEVELOPER**  
OTHA D. UPCHURCH & CAROL F. UPCHURCH  
457 OLD ORCHARD CIRCLE  
MILLERSVILLE, MD. 21108

**PERC CERTIFICATION PLAN**  
**UPCHURCH PROPERTY**  
LOTS 1-3

TAX MAP 40 PARCELS 205 & 104  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

0 100 150 200  
SCALE: 1" = 100'  
DATE: APRIL 14, 1993

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
971 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLKOTT CITY, MARYLAND 21042  
(410) 481-2255

**PLAN**  
SCALE: 1" = 100'

3/29/94 WSI disapproved  
Need to move 10' of property line  
4/29/94 - ff  
wells are 40' closer to original percolation than is shown on plot - all percs are probably 40' closer to proposed and existing roadway than Plan shows.

