

7/2/98  
7/10/98 10:00

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510662-A

A REPAIR

05-380456

DISTRICT \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

NO WORK  
DONE

DATE 9.3.98

FILE REVIEW COMPLETE  
DATE SYSTEM APPROVED 7/13/98

INDEXED

INSPECTOR M.R.

Wayde Souder

IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER

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

SUBDIVISION The Heritage LOT 16 ROAD 14108 Bison Court

PROPERTY OWNER Dean Dubbe

ADDRESS 14108 Bison Ct, Glenelg, MD 21737

SEPTIC TANK CAPACITY 2000 GALLONS

NUMBER OF BEDROOMS 4

220 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

REPAIR - PURPOSE - In support of building permit application #: B00112635. For an addition.  
Call for an inspection when the ground is opened so a sanitarian can recommend repairs. 7-1-98.

PLANS APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

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 PERMIT SIGNED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

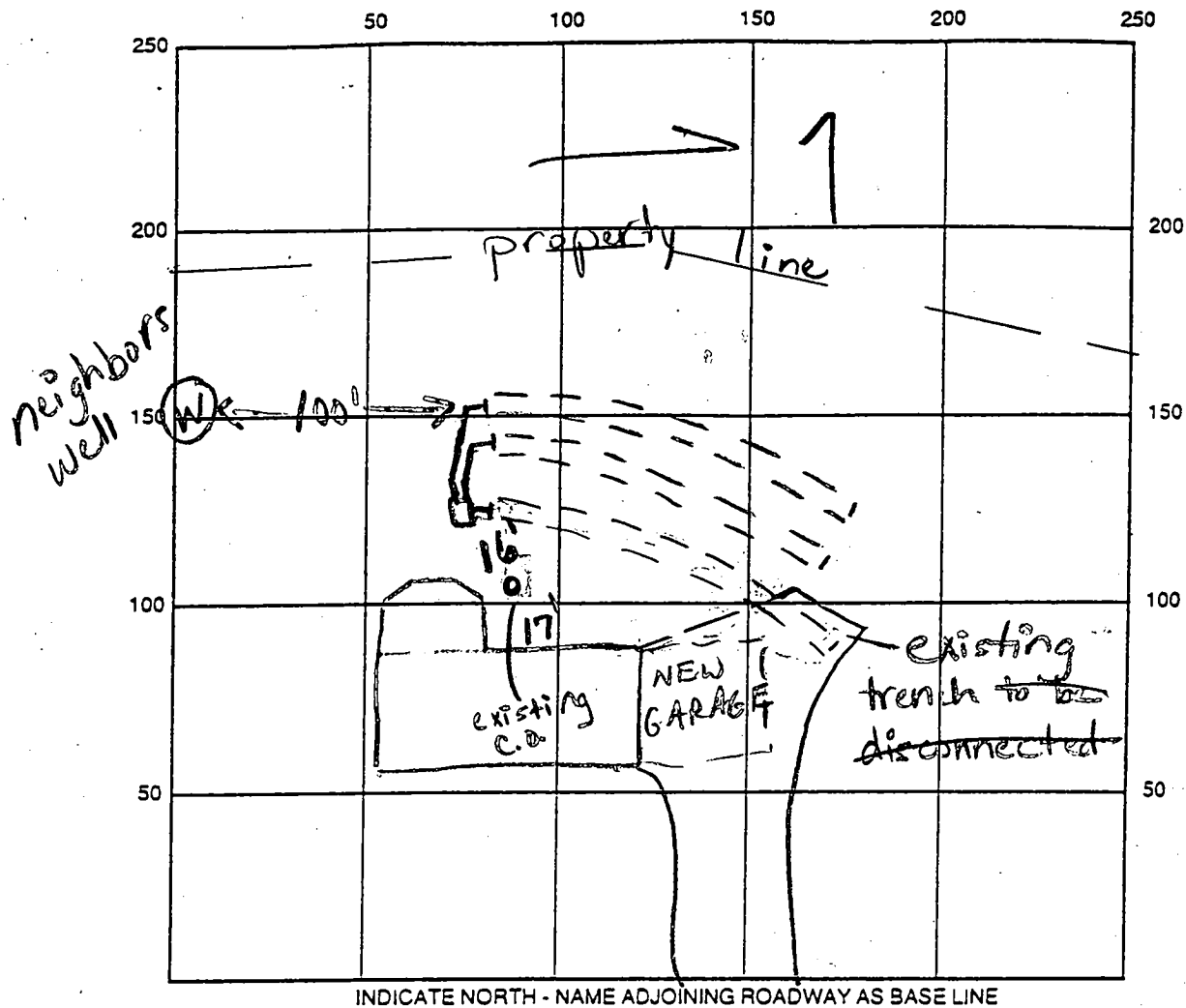
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

AND RETURNED 7-2-98  
Serial # B00112635  
3-Story addition  
3-CAR GARAGE  
Master Bedroom + Bath

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

A 510662-A



SEPTIC TANK LEVEL \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TITLE DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

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

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 7.2.98 replacement of highest trench difficult due to existing site conditions (i.e. contours, neighbors well, property lines and water table soils)

NO WORK WILL PROCEED TODAY (MR) 7/10/98 TRENCH REPLACEMENT NOT SUITABLE DUE TO LACK OF REPLACEMENT SEWAGE AREA; CONTRACTOR PROPOSES TO MAINTAIN EX. SYSTEM BASED ON 7' ELEV. DIFF BETW TRENCH & GARAGE SLAB;

DECISION AFTER FURTHER REVIEW (MR) 7/13/98 ± CONTRACTOR'S PROPOSAL OK AFTER DISCUSSION w/CW (MR)

DATE SYSTEM APPROVED \_\_\_\_\_ INSPECTOR \_\_\_\_\_

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

7-4 86  
Approved  
C. A. R.

P 37331

A 21224

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
XEROX COPY  
461-9933

INDEXED

ELLICOTT CITY

DISTRICT 5th

DATE 7/16/86

Paul Schissler IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 885-4197

SUBDIVISION The Heritage ROAD 14108 Bison Court LOT 16

PROPERTY OWNER Dean D. Dubbo

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES  NO \_\_\_\_\_

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 220 sq. ft. per bedrock with garbage disposal. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 4 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 110 feet from the rear lot line and 140 feet from the left lot line as seen when facing the property from Bison Court. Run trench(es) along contour toward rear of lot, being certain that no trench comes within 100 feet of any well.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(es) before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. (C)

AND RETURNED 7/16/86  
Serial # 12425 Deck

PLANS APPROVED BY C. Williams DATE 7/26/86

DO NOT 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 IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH

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 THREE 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

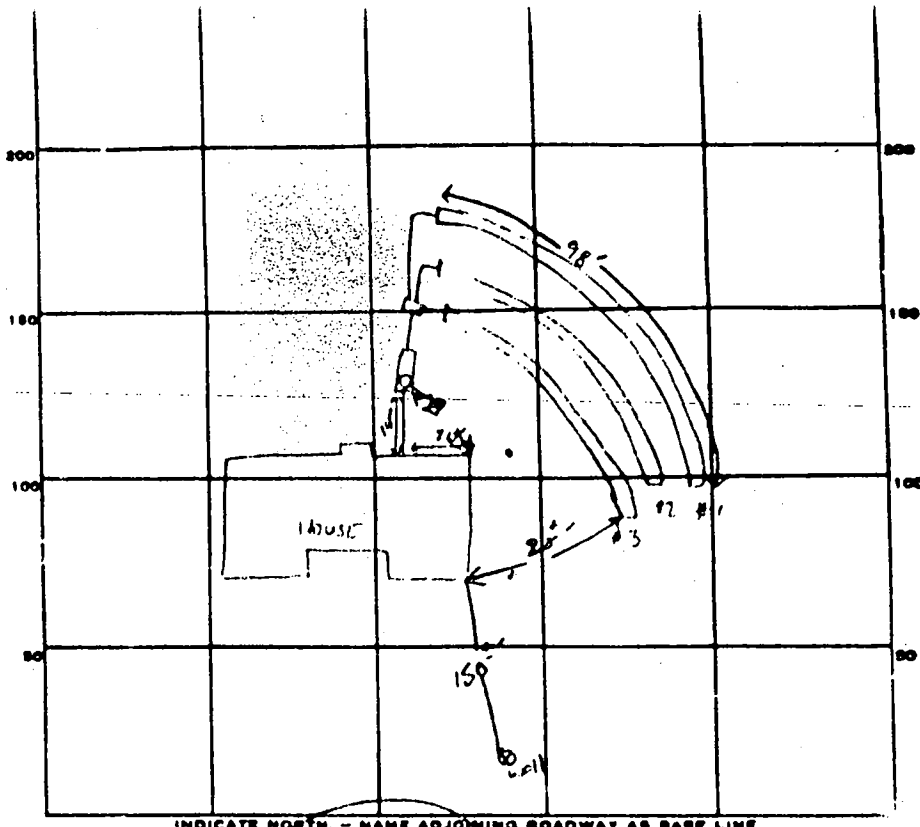
BLDG. PERMIT SEALED  
AND RETURNED 11/24/92  
Serial # 44260 - Durwin

21224

INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082



Lot 16

78  
3/4 2/4  
200  
210  
210

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE  
Bison Ct

PERMIT CARD 14108

SEPTIC TANK, LEVEL 2000 GA CLEANOUTS 5

DISTRIBUTION BOX, LEVEL 1000

TILE FIELD, DEPTH 5 FT. TRENCH WIDTH 3 FT. July 35

GRAVEL DEPTH 18 IN. TOTAL LENGTH 98 98 98 FT. 294LF

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 880

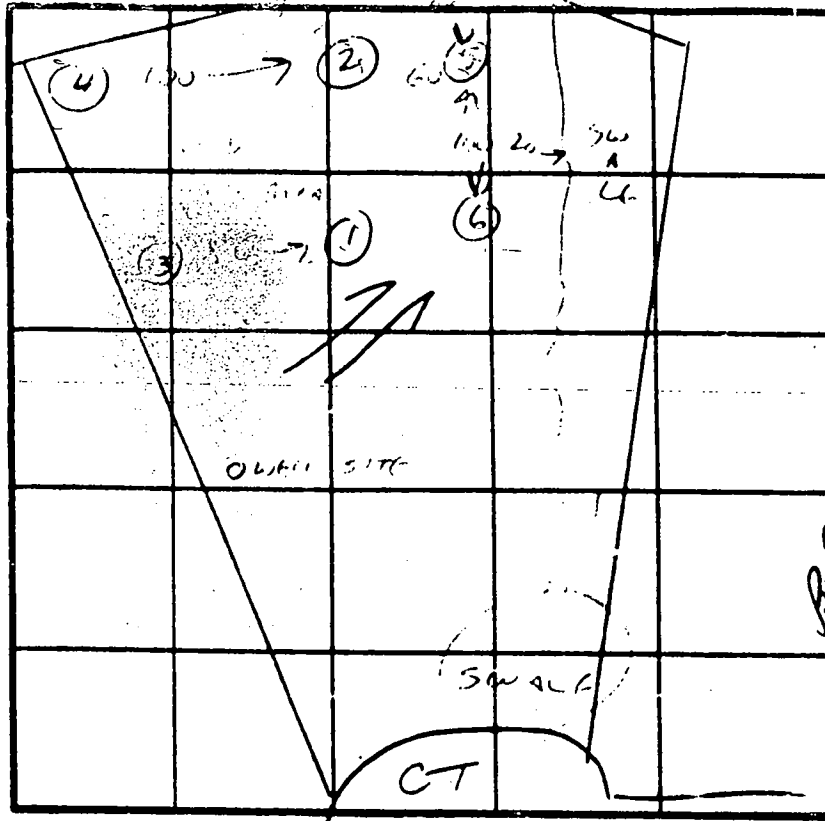
SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.

ABSORBENT AREA 880 SQ. FT.

REMARKS 1" D cover # 102 1 inch H 3, SAG-D

DATE SYSTEM APPROVED 4-1-56 INSPECTOR S. Abel

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
4/25/75	1-4	0-10'	OK	4-12'			
4/27/75	5	4' 8' 10'	11:00 VIS OK	11:17 SANDY SILT	11:17 11:26	11:26	9 AM 22% S APPROX
	6	6' 10' 11'	11:11 VIS OK	11:17 MICH SAND	11:17 11:22	11:22	5 AM 22% S APPROX SHALLOW (26')
			SOIL	AT LOWER DEPTHS	OK		

REMARKS: PLAT REQUIRED - DO NOT ACCEPT ANY PROPOS. D  
AREA ANY LOWER THAN 11000. 5-6

TYPE OF SOIL \_\_\_\_\_

TESTED BY: C. J. Chan ALSO PRESENT: DUBBE

EH 12-1079

(OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED  
 IN COLS. 34 ON ALL CARDS)

**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **21229** A36770

DATE RECEIVED  
**09/27/86**

DATE WELL COMPLETED  
**05/07/86**

Depth of Well  
**190**  
 (TO NEAREST FOOT)

PERMIT NO.  
**HO-27-1943**

OWNER **KNOTT BUILDERS**  
 STREET OR RFD **1111 CAVERIA AVE** (first name) TOWN **ELLIOTT CITY MD**  
 SUBDIVISION **THE HERITAGE** SECTION **1** LOT **16**

**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	
<del>Topsoil</del> FILL BIRT	0	25	
Sandy	25	30	✓
Sand Stone	30	45	
Micka	45	50	
Sand Stone	50	55	✓
Micka	55	60	
Sand Stone	60	65	✓
Micka	65	140	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **36** NO. OF POUNDS **3600**  
 GALLONS OF WATER **150**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **50** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 Casing types insert appropriate code below  
 STEEL  CONCRETE  
 PLASTIC  OTHER

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

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

screen type or open hole  
 insert appropriate code below  
 STEEL  BRASS  HO  
 BRONZE  MOLE  OTHER

**C2**  
 DEPTH (nearest ft.)  
 E A C H S C R E E N  
 1 **140** **58** **199**  
 2  
 3

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. **273**  
**Staff Mays**

DRILLERS SIGNATURE  
 (MUST MATCH SIGNATURE ON APPLICATION)  
**Staff Mays**

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

SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 from 10

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.) WO  
 TELESCOPE LOG OTHER DATA  
 CASING INDICATOR

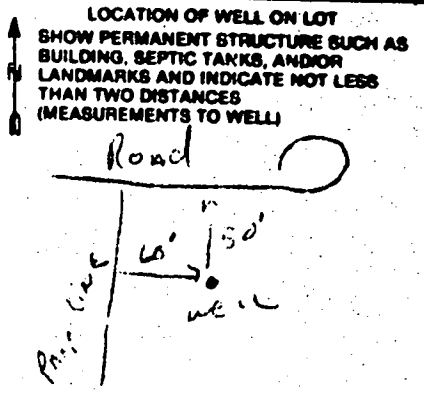
**C3**

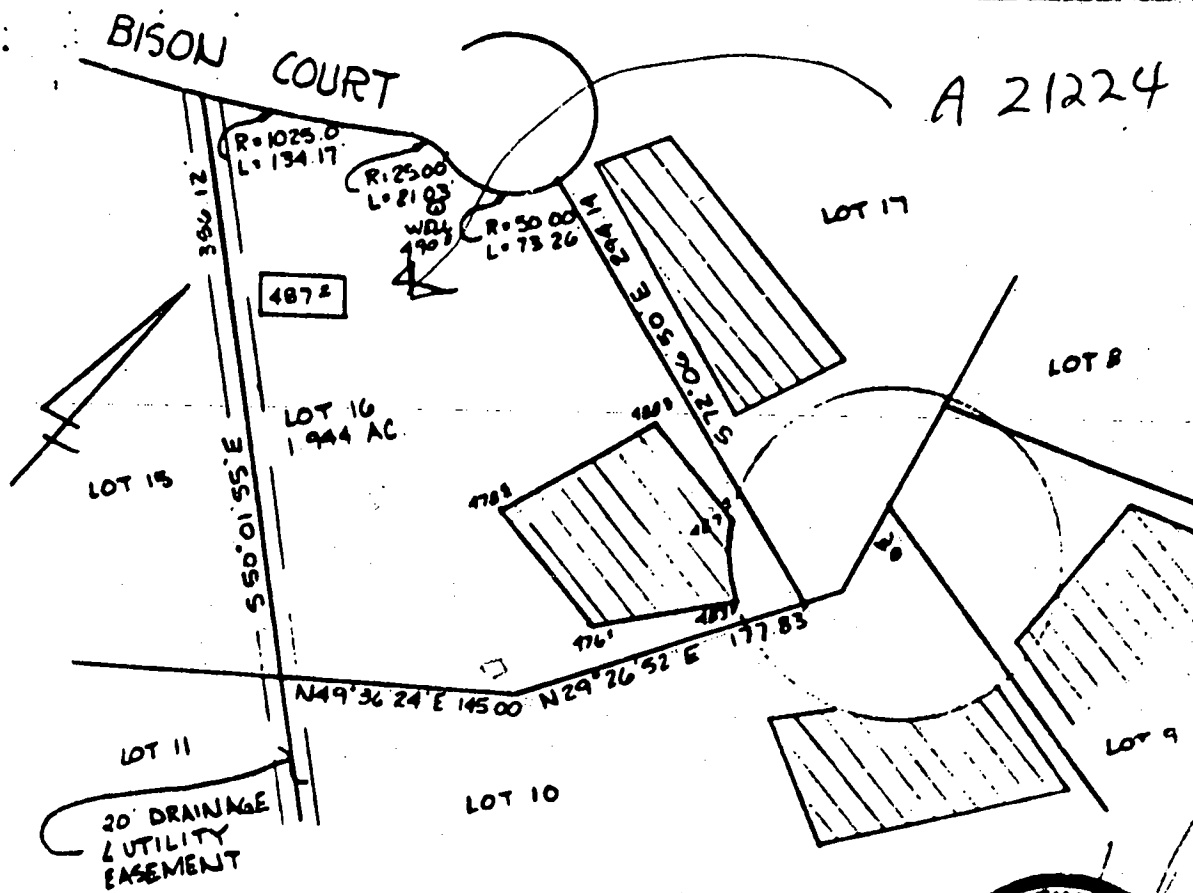
HOURS PUMPED (over 24 hour)  
 PUMPING RATE (gal. per min. to nearest gal.)  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING  
 WHEN PUMPING


TYPE OF PUMP USED (for test)  
 air  piston  turbine  
 centrifugal  rotary  other (describe below)  
 jet  submersible

**PUMP INSTALLED**

DRILLER WILL INSTALL PUMP (YES OR NO) (CIRCLE) (YES OR NO)  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 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.)  
 DRIVING HEIGHT (circle appropriate box and enter casing height)  
 + above } LAND SURFACE  
 - below } (nearest foot)





 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Perculation test holes shown hereon have been field located and shown as "●".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Perculation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

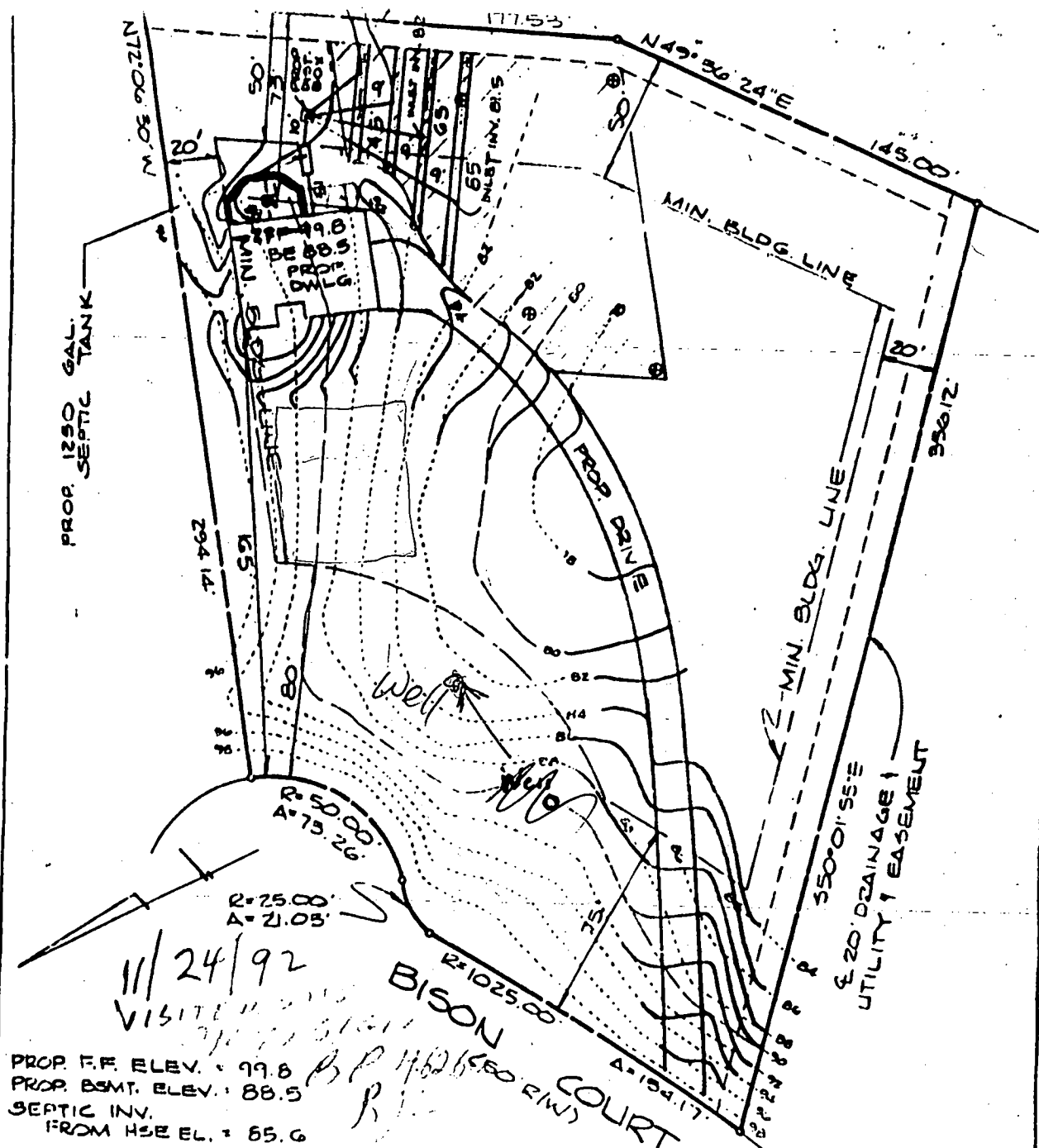
*Janet M. Boyd, M.D., M.P.H.*  
 County Health Officer

7-30-85  
 Date

PERCOLATION TEST PLAT  
 LOT 16  
 THE HERITAGE  
 SECTION 1 AREA 2

5th Election District  
 Howard County, Maryland  
 Scale 1"=100'  
 Date 7/29/85

NTT Associates  
 101 Sterrett Place  
 Columbia, MD 21044  
 442 2031



11/24/92  
 VISITING SIGN

PROP. F.F. ELEV. = 99.8  
 PROP. BSMT. ELEV. = 88.5  
 SEPTIC INV. FROM HSE EL. = 85.6  
 SEPTIC TANK INV. IN = 85.4  
 INV. OUT = 85.2  
 DIST. BOX INV. IN = 85.0  
 INV. OUT = 84.8  
 INLET - SEE ABOVE

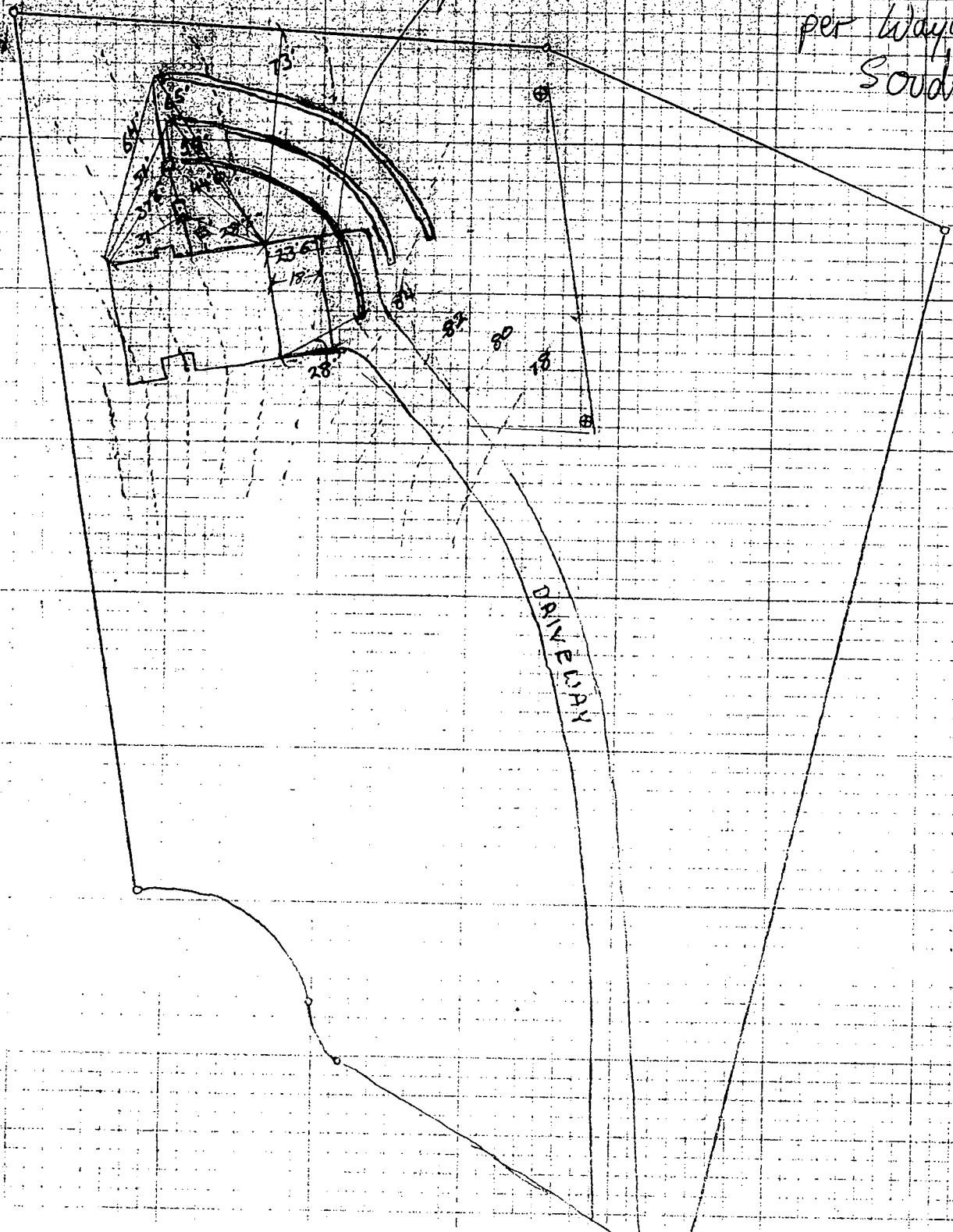
**TRENCH DESIGN**  
 4 B.R. x 180° = 720°  
 TRENCH LENGTH (720°/3 WIDE) = 240'  
 TRENCH MAX DEPTH = 5'  
 STONE DEPTH SHALL BE 18" BELOW PIPE INVERT.

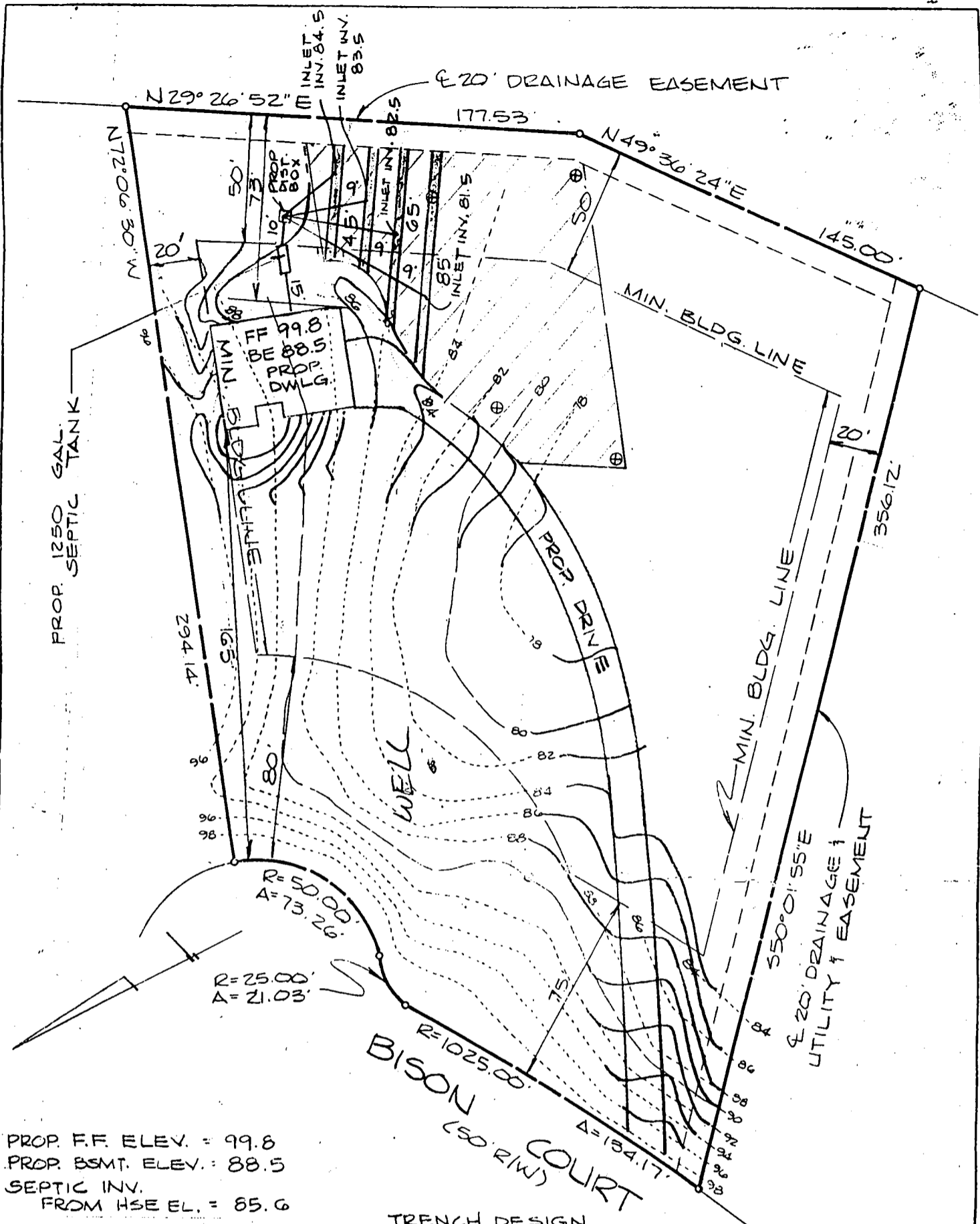
LOT 16 AREA 2 SECTION 1 Δ 3776  
**THE HERITAGE**  
 5TH. ELECTION DISTRICT  
 HOWARD COUNTY, MD.

Addition will be 5' away from highest trench  
elevation from pipe to top of floor 7'

7' elev. diff betw. the top of the dist. pipe which is a walk out at grade.

per Wayne  
Souders





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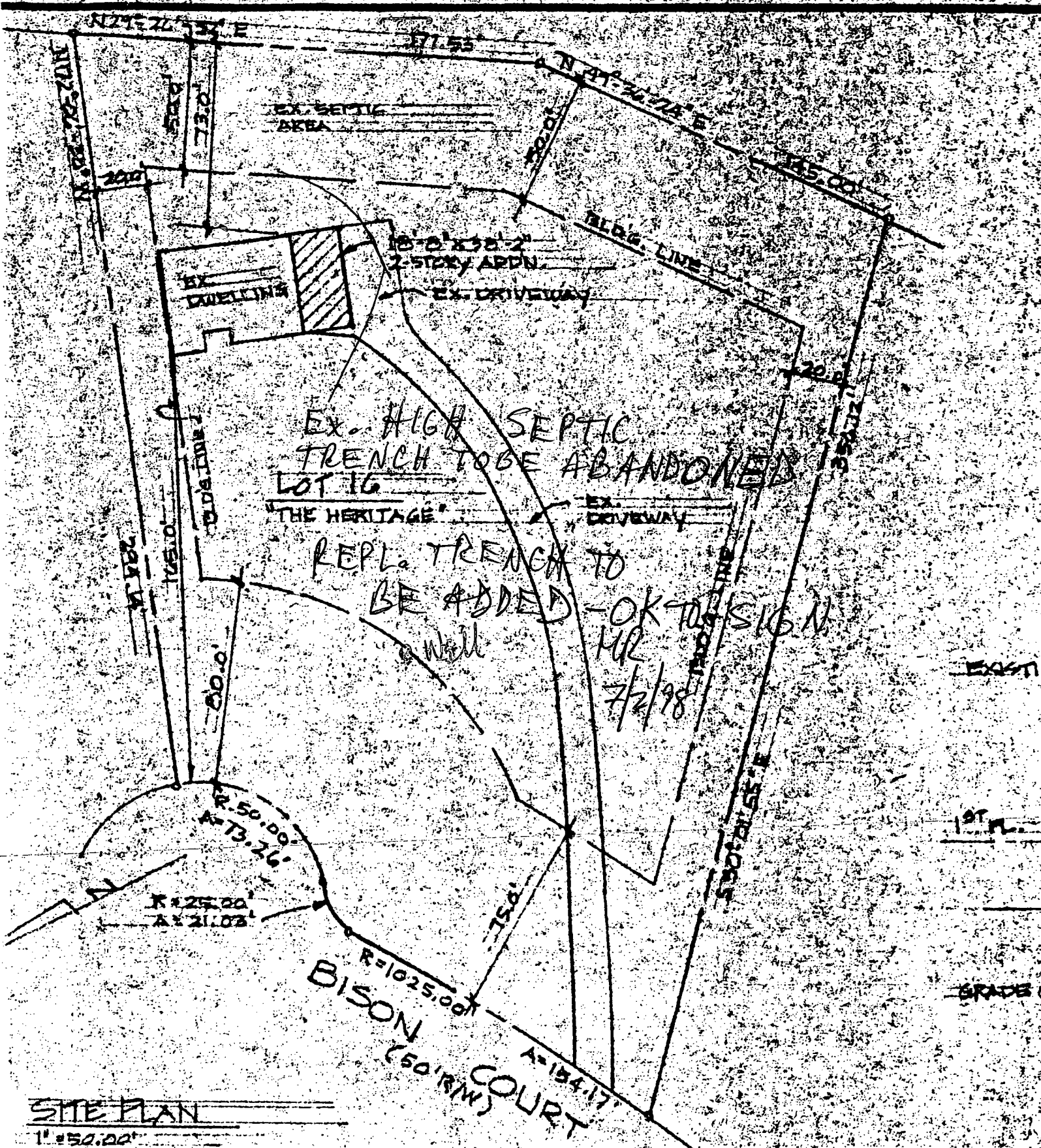
LOT 16 AREA 2 SECTION 1 Δ 3776  
**THE HERITAGE**  
 5TH. ELECTION DISTRICT  
 HOWARD COUNTY, MD.



SITE PLAN  
 LOT 16 "THE HERITAGE"

**V/A ASSOCIATES, INC.**  
 SURVEYING & ENGINEERING  
 3132 E. JOPPA ROAD BALTIMORE, MARYLAND 21234  
 668-0090

date 4.23.86
scale 1" = 50'
job.no. 86-39
drawn SE
checked



SITE PLAN  
1" = 50.00'

Dubbe

APPLICATION

HOWARD COUNTY

SERIAL NUMBER

# PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

21224  
\$25 PW  
B00112635

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

14108 BIRCH CT  
GLENVIEW, MD 21737

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
16	184	1	1	18		
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
The Heritage		KR-DEO	21	S	605101	

OWNER NAME AND ADDRESS  
Duke, Dean  
14108 Birch Ct  
Glenview, MD 21737

OCCUPANT'S NAME AND ADDRESS  
same

ARCHITECT OR ENGINEER'S NAME AND ADDRESS  
Bandy Willard

CONTRACTOR'S NAME AND ADDRESS  
to be decided

EXISTING USE S.F. Home	PROPOSED USE Home with add.	
EST. CONSTRUCTION COST \$40,000	LICENSE NUMBER	PERMIT FEE

W/S CODE

DISTANCE IN FEET FROM RW LINE TO FRONT BUILDING LINE \_\_\_\_\_

SIDE YARD  
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE) \_\_\_\_\_

TO SIDE BUILDING LINE  
DISTANCE IN FEET, REAR YD. REQUIRING SET \_\_\_\_\_

BACK \_\_\_\_\_ (CORNER LOT ONLY)

SDP # \_\_\_\_\_

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

**CAUTION**

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.

Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591 CK 5188

GRADING/SEDIMENT CONTROL  YES  NO

DESCRIPTION OF WORK AUTHORIZED  
Master Bedroom + Bath  
2 story addition attached to home including 3 car garage (removing existing garage to store)

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			
ROOMS			
BATHS			
FIREPLACES			
FOOTINGS		FOUNDATION	S. WALLS

UTILITIES					
WATER/AVELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC
			✓	HP	✓

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

SIGNATURE: [Signature]  
DATE: 6/25/98

FOR OFFICE USE ONLY

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	7/2/98	Mark E. Kiffin
FIRE PROTECTION		
STORM WATER MGMT		

APPROVED: [Signature]  
DATE: 5/12

Distribution of Copies:  
White - Building Official  
Green - Planning & Zoning  
Yellow - Engineering  
Pink - Health Dept.  
Gold - S.H.A.

Gina L. Dubbe  
14108 Bison Court  
Glenelg, Maryland 21737

Howard Co. Health Dept.  
To Whom It May Concern  
Regarding BO0112635

July 1, 1998

Please be aware that the above building permit for an addition to our home does not increase the total number of bedrooms. It changes a small, existing bedroom to a closet/laundry room, and enlarges the master bedroom. So, as before, the number of bedrooms in the house stays at a total of four bedrooms.

Should you have any questions, please don't hesitate to give us a call at 410-489-5166.

Thanks \_\_\_\_\_

Gina Dubbe

We hereby agree to  
abandon the high trench  
and install a new trench as  
a replacement.

Wayne E. Sander



7/1/98 Telephone conversation with owner (Mr. Dean DeBite).

He will (as I explained) send his wife to get a Septic permit application (for Repair) and a copy of old septic permit (in this file).

Then he'll send a revised BS site plan showing existing Trench locations relative to this oddn. We'll discuss how many Trenches will need replacement at a later date. He'll also send in a letter explaining "No increase in Bedroom."

DJF 7/1/98