

7/3/96
2:00 1:00
9-12-96 AM

03-317226
PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57100B

A38145

DISTRICT 3rd

DATE 4/25/96

DATE SYSTEM APPROVED 9/12/96

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
313-2640

INDEXED

Jack Fyock Septic Service IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Rd., Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION Meadowood LOT 53 ROAD 1317 Cedarberry Court

PROPERTY OWNER W. Howard Garrett

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

$\frac{4180}{900} = 300$
 $\frac{300}{31900}$

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 248.62' and 251.24' lot lines, place distribution box 95' down the left (251.24') lot line and 180' from the left (251.24') lot line. Install trench on contour toward rear of lot as Viewed from Cul-de-Sac of Cedarberry Court.

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

7/2/96 OK TO START TRENCHES 1-1 1/2' DEEPER. TRENCHES TO RETURN TO SPECS WITHIN 20' MR

PLANS APPROVED BY Ronald J. Pinkley DATE 5/17/96

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

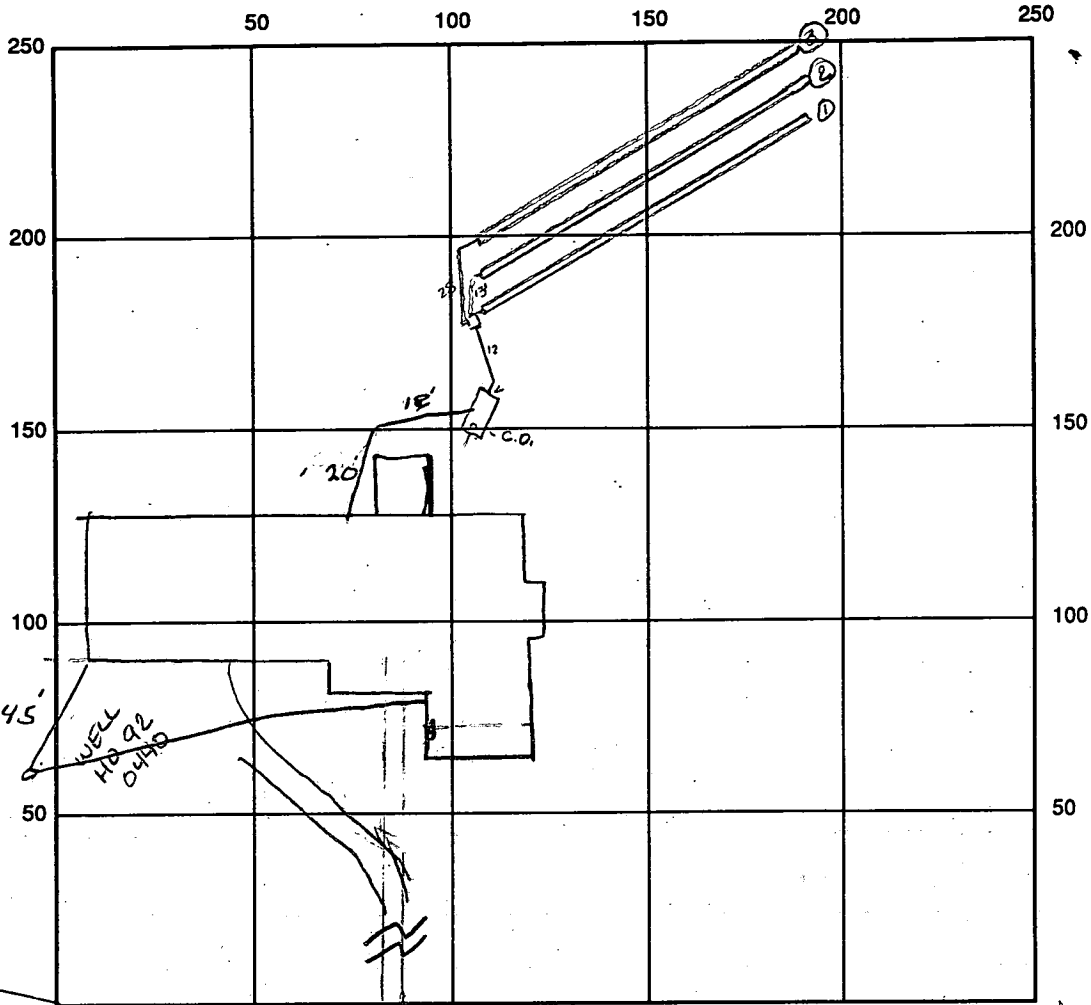
PERMIT VOID AFTER TWO YEARS

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
38145



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Cedarberry Ct

SEPTIC TANK LEVEL OK 1500 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffel is in

DRAIN FIELD/TITLE DEPTH 5.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH $\frac{\text{Ø102}}{\text{Ø100}}$ 302 FT. = 302 total linear ft

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 906 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 7/8/96 OK to cover tank & trenches - call for inspection
when house connection is made Auu

DATE SYSTEM APPROVED 9/12/96 INSPECTOR Ed. Jany

APPLICATION

PERCOLATION TESTING

A 38/45
P _____

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

*1/8/87
perc OK'd pending
approved plat
(M)*

DISTRICT _____
DATE 11/28/86

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 Mr. R. W. Howard Garrett
~~Springhill Associates - c/o D.S. Thaler & Associates, Inc.~~

ADDRESS 11 Warren Road, Baltimore, MD 21208 PHONE (301) 484-4100

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood Sec. 2 AREA 3 LOT NO. 38 LOT 53

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road
1317 Cedarberry Court.
Howard County, Maryland

TAX MAP 10 PARCEL # 139

S.F.D - 3 BRMS
BLDG. PERMIT SIGNED
AND RETURNED 5-17-96
Serial # 64941
Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

SIZE OF LOT 3+ Acres TYPE BLDG. _____

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.

Mike Sedgwick
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

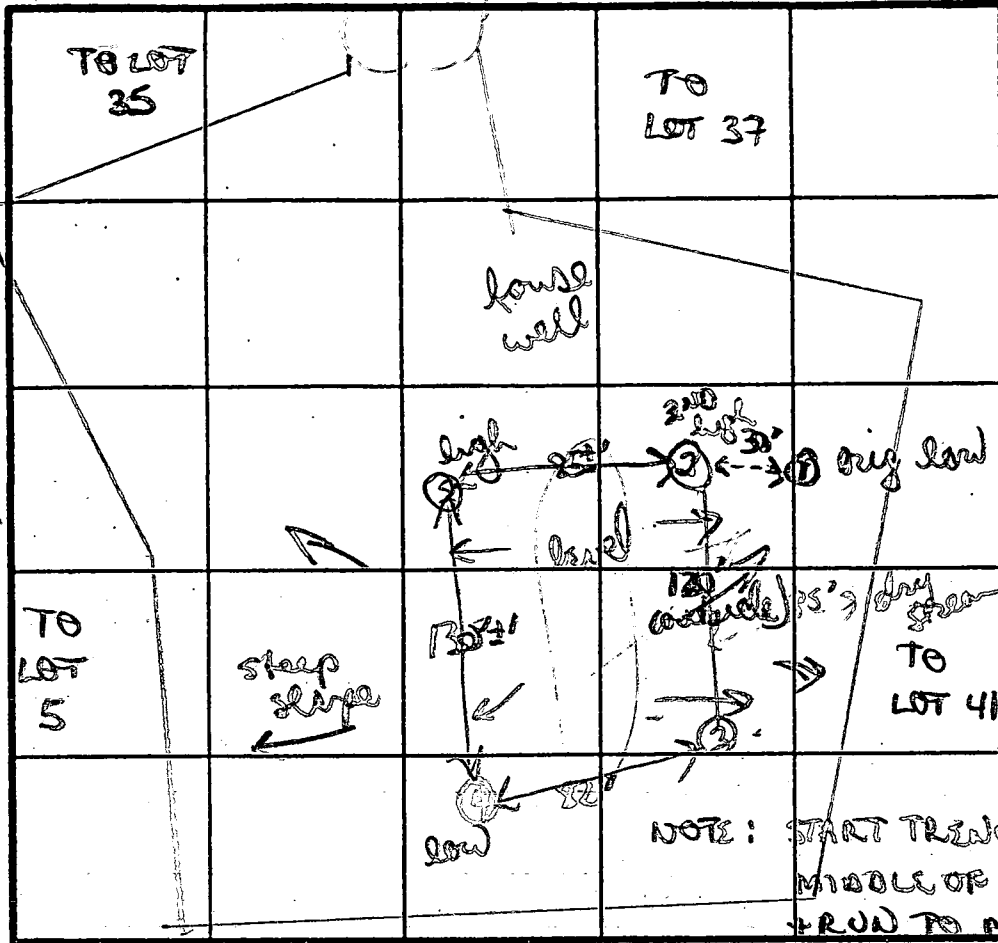
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located holes (good + bad)

THIS IS NOT A PERMIT

38/53



③
Brown/orange clay silt loam 3' to orange/brown silty micaceous loam w/ 5% small red frags
10 1/2'

③
SOIL PROFILE
brown orange silty clay 3'
to tan brown silty micaceous loam w/ 5-10% small layered frags
12'D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. & THEN ON CONTOUR EITHER SIDE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/8/87	①	9'	hit hard rock - not used				
	②	3 1/2'S	126	127	127	128	1 MIN
		12'D	bottom (see profile)				
	③	4'S	157	159	158	202	3 MIN
		12'D	bottom (see profile)				
	④	3 1/2'S	209	211	211	214	3 MIN
		11'D	bottom (see profile)				
	⑤	3'S	225	228	228	229	2 MIN
		7 1/2'M	226	228	228	231	3 MIN
		10 1/2'D	bottom (see profile)				

X Perc
3 min
180 P/BK
Inlet 3.0'
Bottom 5.0'

REMARKS: perc field adj. steel uphill due to rock + stream bed
TYPE OF SOIL: tan brown micaceous silty loam
TESTED BY: B. Meyer
ALSO PRESENT: Rocky Ed

orange/red brown clay to clay loam 3' to brown grey silty micaceous loam w/ 10% small mic. sh. weathered

②
similar to #3 w/ a mix of weathered + mic. sh. 6' (10%)

12-107

C1 0521

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 R# 38145

ST/CO USE ONLY

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 06/14/44

Depth of Well grid: 400 (TO NEAREST FOOT)

PERMIT NO. grid: 10-92-0440

OWNER: last name first name TOWN SUBDIVISION SECTION LOT

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. Includes handwritten entries: Top Soil, Sandy Clay, Brown shale, Sand Stone, Mica, Sand Stone, Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT: CM BENTONITE CLAY: BC NO. OF BAGS: 12 NO. OF POUNDS: 1200

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE: ST Nominal diameter top (main) casing (nearest inch): 6 Total depth of main casing (nearest foot): 47

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

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

DEPTH (nearest ft.) grid: 140 40 100. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) grid: 56 60

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.) WQ (74 75 76) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) grid: 7 8 9 PUMPING RATE (gal. per min. to nearest gal.) grid: 17 11 15 METHOD USED TO MEASURE PUMPING RATE: bucket WATER LEVEL (distance from land surface) BEFORE PUMPING grid: 39 17 20 WHEN PUMPING grid: 90 22 25 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 (CIRCLE) (YES or 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: 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) grid: 31 35 PUMP HORSE POWER grid: 37 41 PUMP COLUMN LENGTH (nearest ft.) grid: 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above } LAND SURFACE - below } grid: 2 (nearest foot) 50 51

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) well 325' side line

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

6-21-94
 8:00

Fraser
TKS

442-5552

Review OK 9/7/94 RP

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 92-0440
 Location of property (road) CEDARBERRY COURT
 Subdivision MEADOWOOD Lot 53 Block --- Plat --- Sec. ---
 Well Driller G. EASTERDAY Owner SPRINGHILL ASSOC.

Depth of well 400 12
 Distance of measuring point (M.P.) above ground 1
 Static water level (S.W.L.) below M.P. 39

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 12 G.P.M.
 Total time 15 MIN to reach pumping water level 80 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	80	5 Sec.	Pump setting 380	12 G.P.M.
8:00	80	5 "	Lee Holland	12 "
8:15	80	5 "		12 "
8:30	80	5 "		12 "
8:45	80	5 "		12 "
9:00	80	5 "		12 "
9:15	80	5 "		12 "
9:30	80	5 "		12 "
9:45	80	5 "		12 "
10:00	80	5 "		12 "
10:15	80	5 "		12 "
10:30	80	5 "		12 "
10:45	80	5 "		12 "
11:00	80	5 "		12 "
11:15	80	5 "		12 "
11:30	80	5 "		12 "
11:45	80	5 "		12 "

*WPT
8/17/96 1 PM*

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

New Installation _____
Replacement _____

Receipt # _____
Date _____

Name of Installer _____

Telephone _____

License Number _____

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner Garrett

Telephone _____

Subdivision MEADOWOOD Lot # 53

Well Tag # 40-92-0440

Site Address 1317 Cedarberry

Pump

Motor

Pitless Adapter

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

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

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

2. Make _____

3. Model # _____

4. Capacity _____ 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

Piping

Well data

1. Capacity _____
2. Pressure relief valve? _____

1. Type _____
2. Size _____
3. NSF and/or BOCA Code approved _____
4. Depth of supply line _____

1. Depth _____ ft.
2. Yield _____ GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer? _____

8/7/96 NO INSP MR

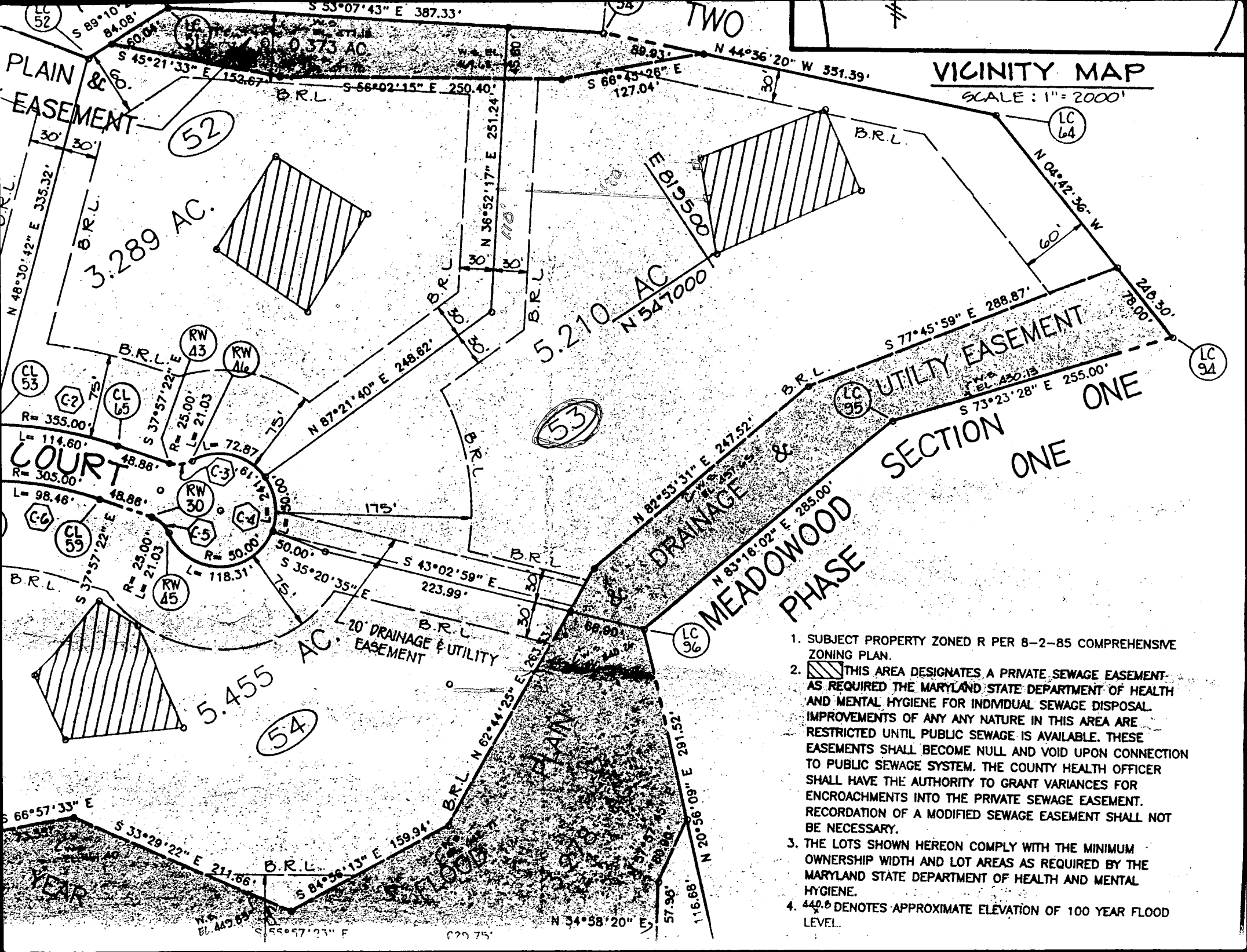
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: _____

Date: _____


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

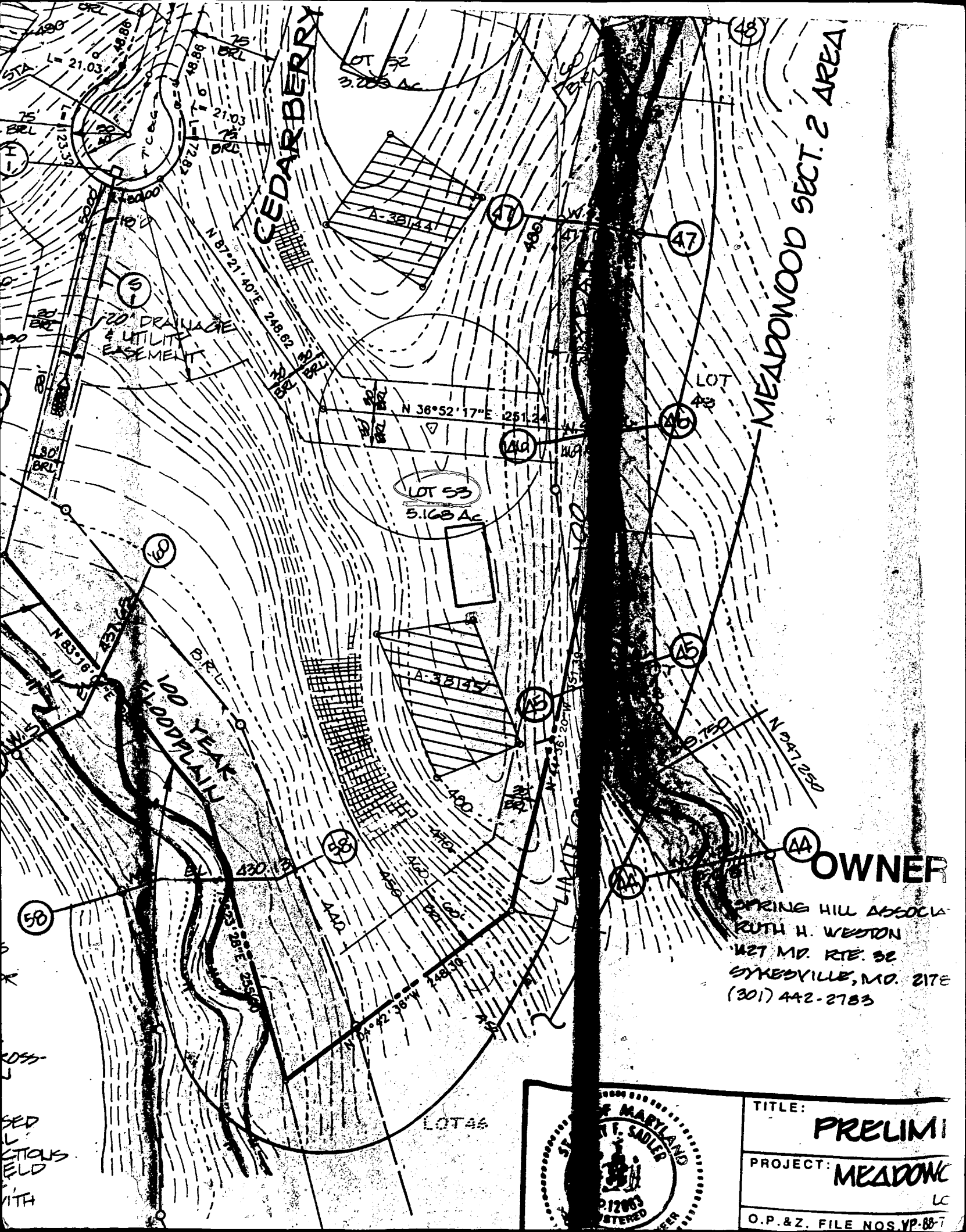


VICINITY MAP
SCALE: 1" = 2000'

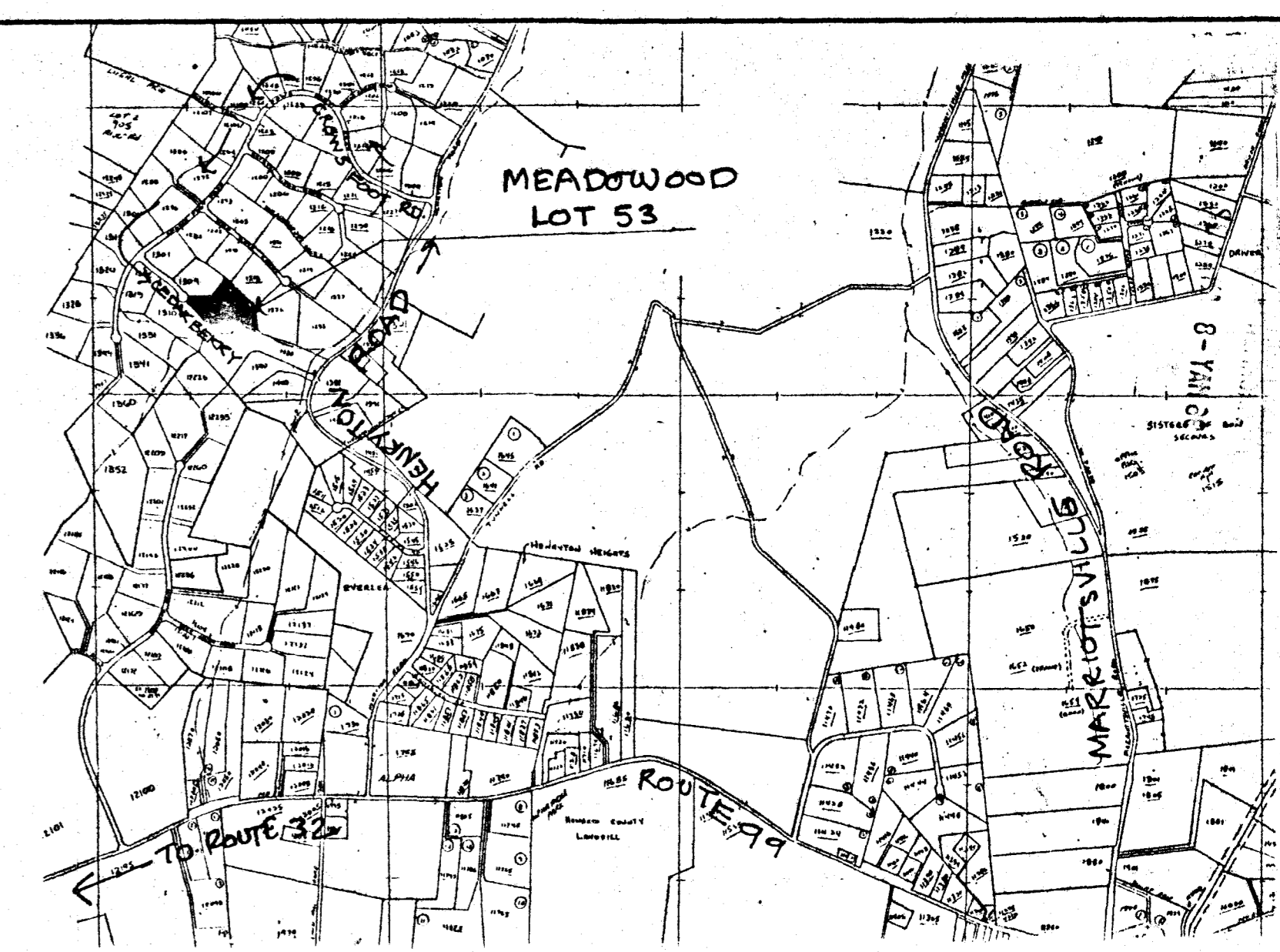
DRAINAGE & UTILITY EASEMENT

MEADOWWOOD PHASE SECTION ONE

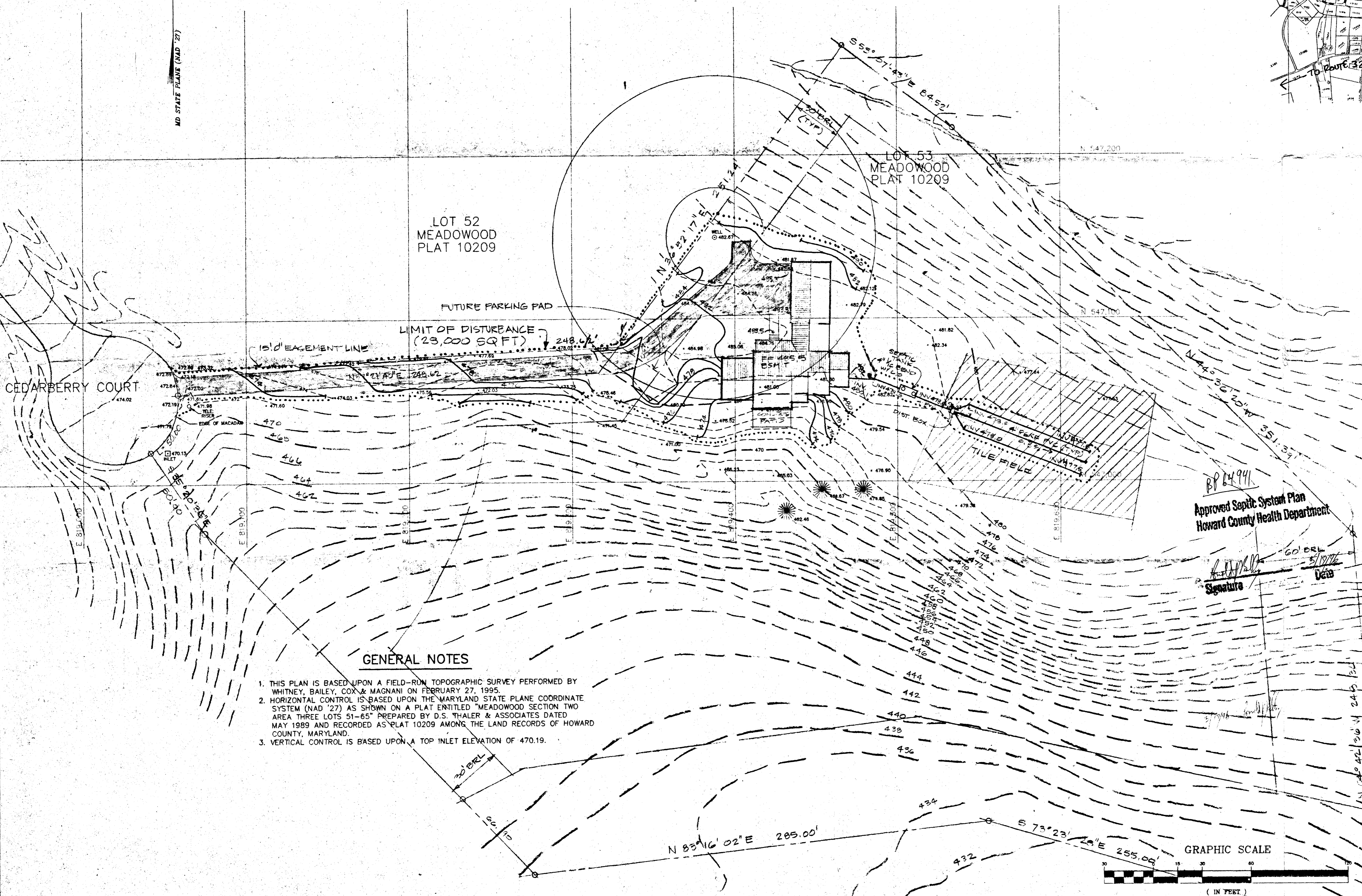
1. SUBJECT PROPERTY ZONED R PER 8-2-85 COMPREHENSIVE ZONING PLAN.
2.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO 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.
3. 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.
4. 440.0 DENOTES APPROXIMATE ELEVATION OF 100 YEAR FLOOD LEVEL.



MD STATE PLANE (NAD 27)



KEY PLAN



CEDARBERRY COURT

LOT 52
MEADOWOOD
PLAT 10209

LOT 53
MEADOWOOD
PLAT 10209

LIMIT OF DISTURBANCE
(23,000 SQ FT)

GENERAL NOTES

1. THIS PLAN IS BASED UPON A FIELD-RUN TOPOGRAPHIC SURVEY PERFORMED BY WHITNEY, BAILEY, COX & MAGNANI ON FEBRUARY 27, 1995.
2. HORIZONTAL CONTROL IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM (NAD '27) AS SHOWN ON A PLAT ENTITLED "MEADOWOOD SECTION TWO AREA THREE LOTS 51-65" PREPARED BY D.S. THALER & ASSOCIATES DATED MAY 1989 AND RECORDED AS PLAT 10209 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
3. VERTICAL CONTROL IS BASED UPON A TOP INLET ELEVATION OF 470.19.

Approved Septic System Plan
Howard County Health Department

Signature

Date

5-1-96		
DATE	NO.	REVISIONS

TOPOGRAPHIC SURVEY & SITE PLAN

PROJECT TITLE: GARRETT RESIDENCE
LOT 53
CEDARBERRY COURT
HOWARD COUNTY, MARYLAND

ENGINEERS: Consulting Engineers
849 Fairmount Avenue (410) 512-4500
Baltimore, Maryland 21286 (410) 324-4100 (FAX)
WHITNEY, BAILEY, COX & MAGNANI

DESIGNED:	
DRAWN:	M.L.R. WHS
CHECKED:	J.D.W.
DATE:	3/1/95
SCALE:	AS SHOWN
DRAWING NO.:	

GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft