

LAYOUT _____ INSP 4 _____
 INSP 2 _____ INSP 5 _____
 INSP 3 _____ INSP 6 _____

PAID FOR BY
 DENTON DOUGLAS
 (Homeowner)

ISSUE DATE: 2/14/02

P 516514

APPROVAL DATE: 4/23/02

A 513380

**PERMIT
 INDEXED**

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH**

03-315711

Kenneth Mayne IS PERMITTED TO INSTALL ALTER

ADDRESS: 11723 Legore Bridge Rd, Keymar PHONE NUMBER: 301-898-0955

SUBDIVISION: Meadowood LOT NUMBER: 37

ADDRESS: 1380 Henryton Road PROPERTY OWNER: Douglas Denton Douglas

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box 110 feet from the 392.29' lot line and 95 feet from the 401.86' lot line. Run (3) trenches on contour toward 392.29' lot line. [Maintain 25' minimum from steep slopes.]
NOTES:	

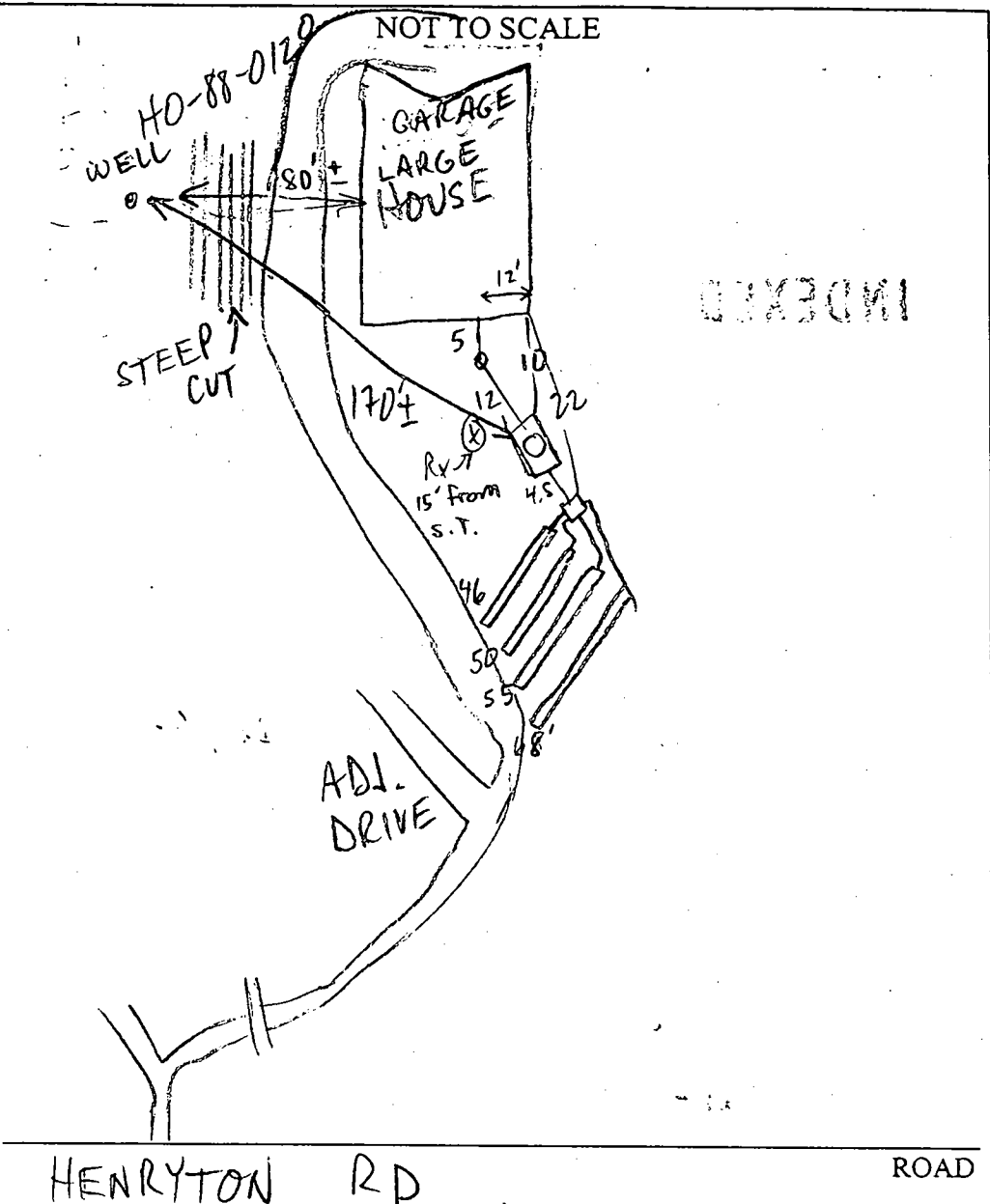
PLANS APPROVED: Mark E. Rifkin, R.S. DATE: 3/14/2001

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

BUILDING PERMIT SIGNED AND RETURNED 5-2-02
 800 134417 - PROPANE TANK

A 513380



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	2	4
NUMBER OF TRENCHES		4
TOTAL LENGTH		219±
ABSORPTION AREA		657
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

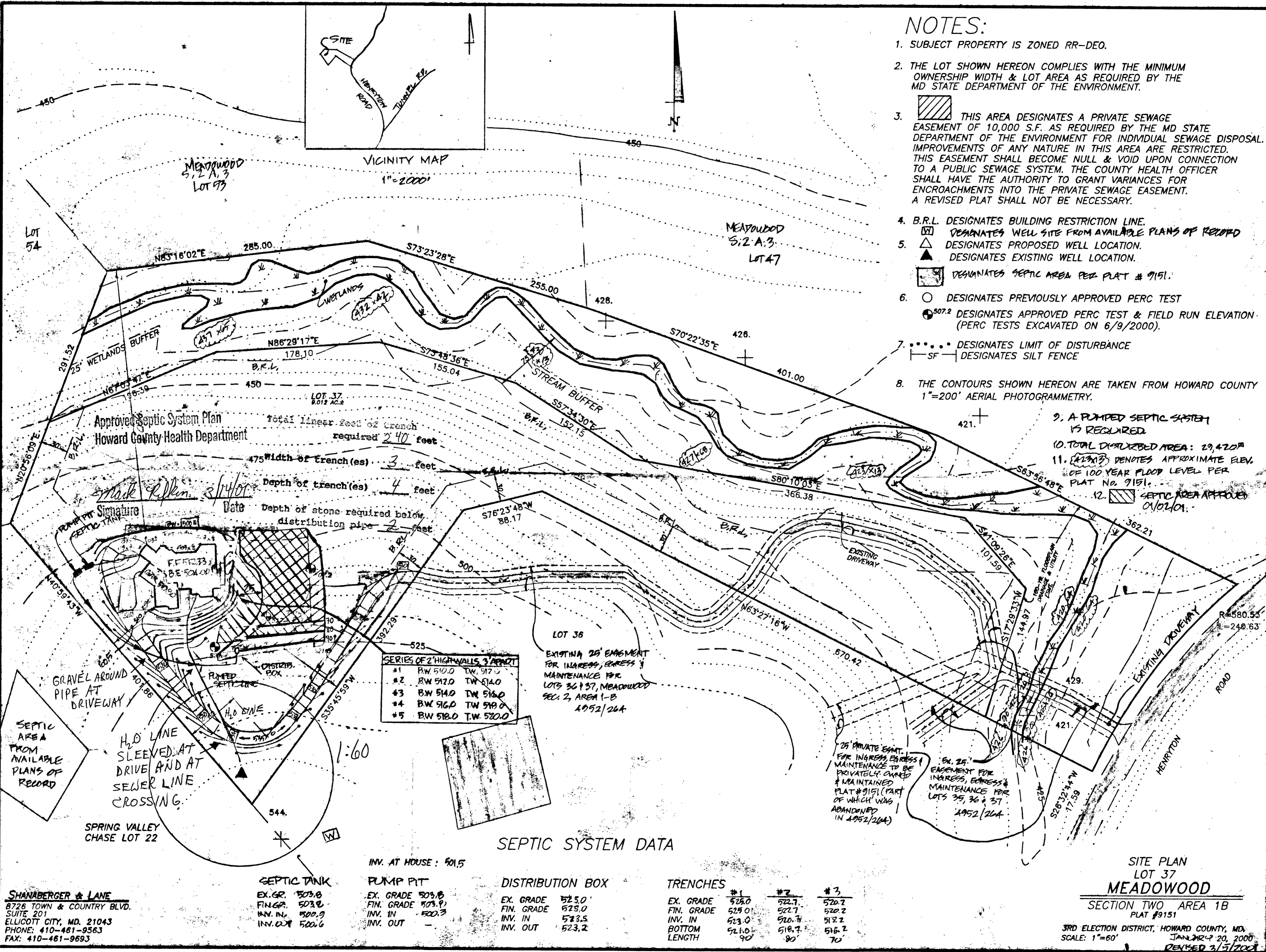
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	DK
CAPACITY	1258 GAL
SEAM LOC	TDP
TANK LID DEPTH	2'
BAFFLES	OK
BAFFLE FILTER	—
MANHOLE LOC	CTR
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION _____

INSTALLATION 4/23/02 OK TO COVER (MR)

FINAL INSPECTOR M-Rifkin

DATE OF APPROVAL 4/23/02
AND RETURNED



- NOTES:**
- SUBJECT PROPERTY IS ZONED RR-DEO.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
 - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & 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. A REVISED PLAT SHALL NOT BE NECESSARY.
 - B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
 - DESIGNATES WELL SITE FROM AVAILABLE PLANS OF RECORD.
 DESIGNATES PROPOSED WELL LOCATION.
 DESIGNATES EXISTING WELL LOCATION.
 DESIGNATES SEPTIC AREA PER PLAT # 9151.
 - DESIGNATES PREVIOUSLY APPROVED PERC TEST
 507.2 DESIGNATES APPROVED PERC TEST & FIELD RUN ELEVATION (PERC TESTS EXCAVATED ON 6/9/2000).
 - DESIGNATES LIMIT OF DISTURBANCE
 DESIGNATES SILT FENCE
 - THE CONTOURS SHOWN HEREON ARE TAKEN FROM HOWARD COUNTY 1"=200' AERIAL PHOTOGRAMMETRY.
 - A PUMPED SEPTIC SYSTEM IS REQUIRED
 - TOTAL DISTURBED AREA: 29,420 SF
 - DENOTES APPROXIMATE ELEV. OF 100 YEAR FLOOD LEVEL PER PLAT NO. 9151.
 - SEPTIC AREA APPROVED 01/02/01.

SERIES OF 2 HIGHWALLS 3' APART

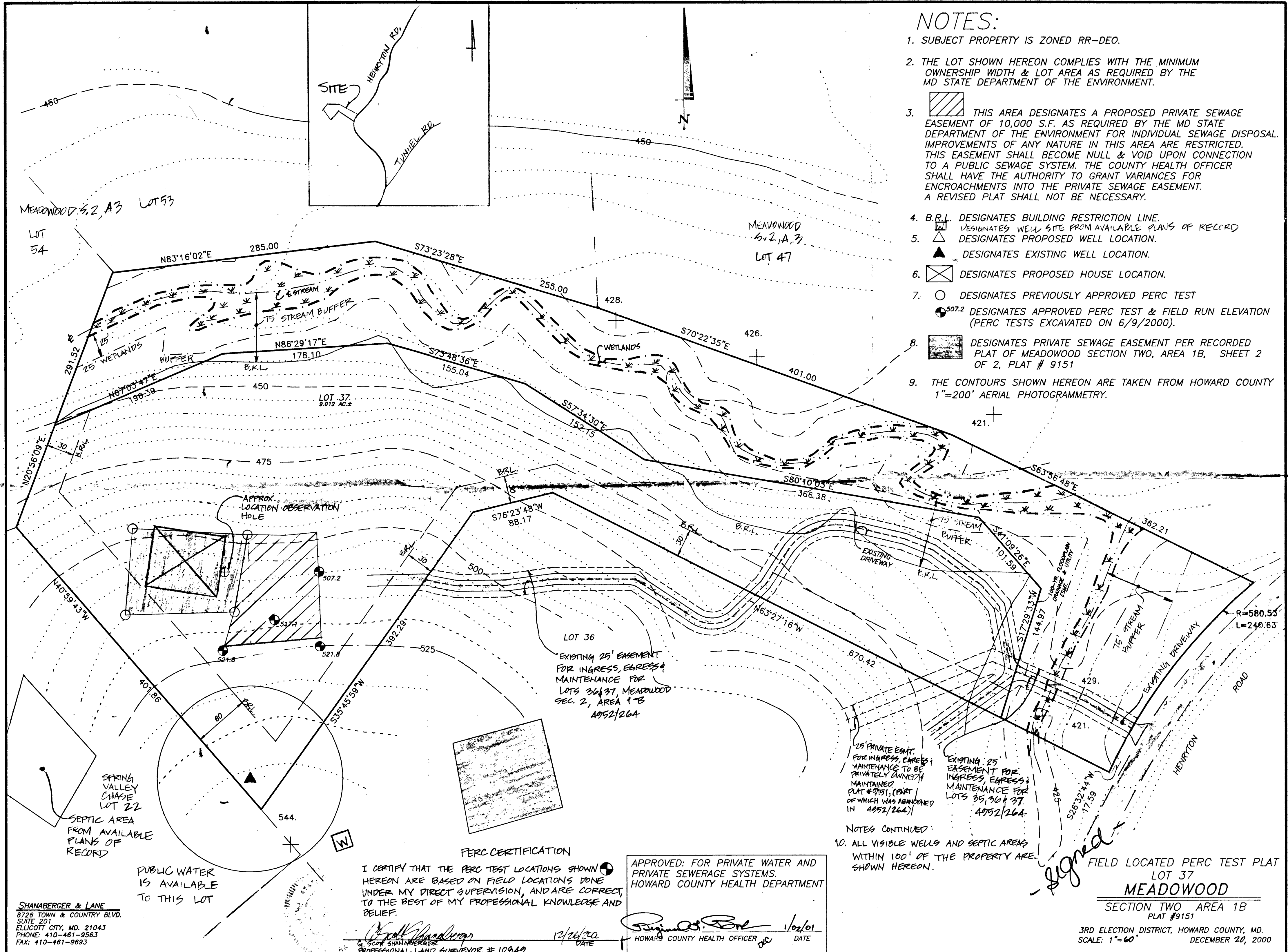
#1	B.W. 510.0	T.W. 517.0
#2	B.W. 512.0	T.W. 514.0
#3	B.W. 514.0	T.W. 516.0
#4	B.W. 516.0	T.W. 518.0
#5	B.W. 518.0	T.W. 520.0

SEPTIC SYSTEM DATA

INV. AT HOUSE: 501.5					
SEPTIC TANK	PUMP PIT	DISTRIBUTION BOX	TRENCHES		
EX. GR. 503.8	EX. GRADE 503.8	EX. GRADE 525.0	#1	#2	#3
FIN. GR. 503.8	FIN. GRADE 503.9	FIN. GRADE 523.5	EX. GRADE 525.0	522.7	520.2
INV. IN. 500.9	INV. IN. 500.3	INV. IN. 523.5	FIN. GRADE 523.0	522.7	520.2
INV. OUT. 500.6	INV. OUT. -	INV. OUT. 523.2	INV. IN 523.0	520.7	518.2
			BOTTOM 521.0	518.7	516.2
			LENGTH 90'	80'	70'

SHANBERGER & LANE
 8726 TOWN & COUNTRY BLVD.
 SUITE 201
 ELLICOTT CITY, MD. 21043
 PHONE: 410-461-9563
 FAX: 410-461-9693

SITE PLAN
LOT 37
MEADOWOOD
 SECTION TWO AREA 1B
 PLAT #9151
 3RD ELECTION DISTRICT, HOWARD COUNTY, MD.
 SCALE: 1"=60'
 JANUARY 20, 2000
 REVISED 3/5/2001
 88127537.dwg



NOTES:

- SUBJECT PROPERTY IS ZONED RR-DEO.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
- THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & 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. A REVISED PLAT SHALL NOT BE NECESSARY.
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
- DESIGNATES WELL SITE FROM AVAILABLE PLANS OF RECORD
- DESIGNATES PROPOSED WELL LOCATION.
- DESIGNATES EXISTING WELL LOCATION.
- DESIGNATES PROPOSED HOUSE LOCATION.
- DESIGNATES PREVIOUSLY APPROVED PERC TEST
- 507.2 DESIGNATES APPROVED PERC TEST & FIELD RUN ELEVATION (PERC TESTS EXCAVATED ON 6/9/2000).
- DESIGNATES PRIVATE SEWAGE EASEMENT PER RECORDED PLAT OF MEADOWOOD SECTION TWO, AREA 1B, SHEET 2 OF 2, PLAT # 9151
- THE CONTOURS SHOWN HEREON ARE TAKEN FROM HOWARD COUNTY 1"=200' AERIAL PHOTOGRAMMETRY.

MEADOWOOD S.2, A.3 LOT 53

LOT 54

MEADOWOOD S.2, A.3 LOT 47

LOT 37 9.012 AC.±

LOT 36

EXISTING 25' EASEMENT FOR INGRESS, EGRESS & MAINTENANCE FOR LOTS 36 & 37, MEADOWOOD SEC. 2, AREA 1B A052/264

25' PRIVATE ESMT. FOR INGRESS, EGRESS & MAINTENANCE TO BE PRIVATELY OWNED & MAINTAINED PLAT #9151, (PART OF WHICH WAS ABANDONED IN A052/264)

EXISTING 25' EASEMENT FOR INGRESS, EGRESS & MAINTENANCE FOR LOTS 35, 36 & 37. A052/264

NOTES CONTINUED:

10. ALL VISIBLE WELLS AND SEPTIC AREAS WITHIN 100' OF THE PROPERTY ARE SHOWN HEREON.

signed
FIELD LOCATED PERC TEST PLAT
LOT 37
MEADOWOOD
SECTION TWO AREA 1B
PLAT #9151

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9693

PUBLIC WATER IS AVAILABLE TO THIS LOT

PERC CERTIFICATION
I CERTIFY THAT THE PERC TEST LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

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

Scott Shanaberger
SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR # 10949
DATE 1/26/01
HOWARD COUNTY HEALTH OFFICER
DATE 1/02/01

3RD ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1"=60'
DECEMBER 20, 2000

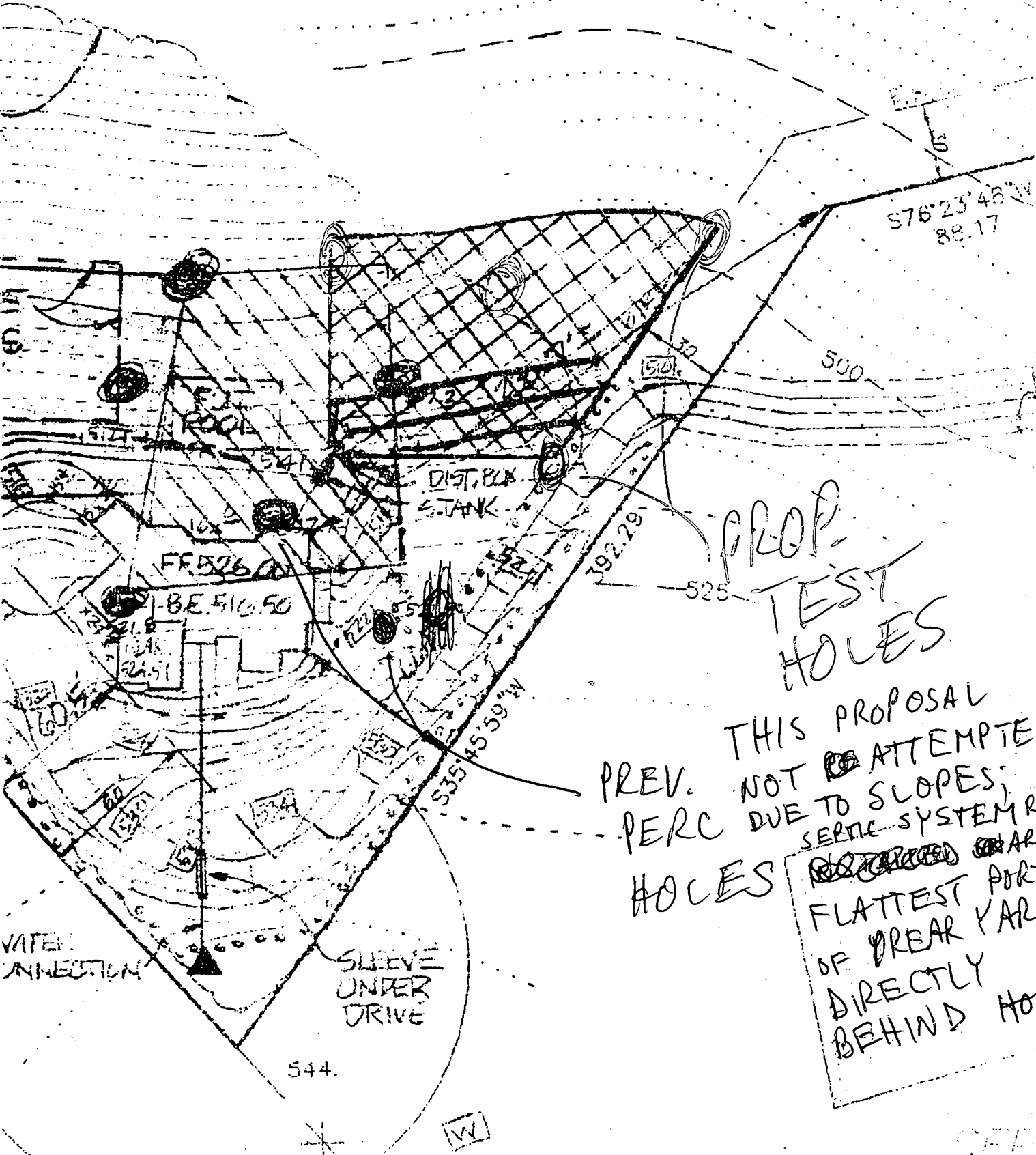
B.R.L.

155.04

450

LOT 37.
9.012 AC.±

S76°23'48"W
88.17



PROP.
TEST
HOLES

PREV. THIS PROPOSAL
 NOT ATTEMPTED
 PERC DUE TO SLOPES;
 HOLES SERVIC SYSTEM RESERVE
 AREA ON
 FLATTEST PORTION
 OF REAR YARD
 DIRECTLY
 BEHIND HOUSE

WATER INJECTION

SLEEVE
UNDER
DRIVE

544.

INV. AT HOUSE : 513.50 - (LINE TO PERM)

4/12/02
AM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fell P & H Telephone #: _____
Address: _____

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): _____ License# _____

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: _____ Telephone #: _____
Subdivision: Meadowood Lot #: 37 Well Tag #: HO - ____ - ____
Site Address: 1380 Henryton Rd

Submersible Pump Data

Make: _____
Model #: _____
Pump Capacity _____ GPM
Well Yield: _____ GPM

Pitless Adapter

Make: _____
Model #: _____
Depth: _____ (36" min)
NSF approved: _____

Well Cap and Electric Conduit

Two piece watertight cap: _____
Screened, vented well cap: _____
Cap secured to casing: _____
Conduit min 18" B.G.: _____
Conduit secured to well cap: _____

Depth of well encountered at time of pump installation: _____ (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house

Type: _____
PSI: _____ (160 psi min)
Depth of supply line: _____ (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: _____
Approximate length of sleeve: _____
Sleeve caulked and sealed properly: _____

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation _____ date _____

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: _____ Date Insp. Approved: 4/12/02 (SO)
Inspection Data: Pitless adapter and water supply line at least 36" below grade _____
Two piece cap installed and attached to casing securely _____
Elec. conduit extends at least 18" below grade/attached to cap properly _____
Safety rope installed inside of well casing _____
Correct well tag attached properly and casing 8" above finished grade _____
Water supply line sleeved adequately at house connection _____
Adequate grout observed below pitless adapter _____

C1 0615

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

R-38110

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

072788

100488

400 (TO NEAREST FOOT)

40-88-0120

OWNER SPRING HILL ASSOC.

STREET OR RFD 1423 RT. 32 first name TOWN SYKESVILLE MD. 21784

SUBDIVISION MEADOWOOD SECTION 2 LOT 371

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, BR mica, TAN mica, BLUE 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 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 40 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING Nominal diameter Total depth TYPE (nearest inch) (nearest foot) ST 6 46

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 BRONZE HOLE PLASTIC OTHER

DEPTH (nearest ft.) 44 DEPTH (nearest ft.) 44 EACH SCREEN 1 110 46 400 2 3 4

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 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. 40 DRILLERS SIGNATURE

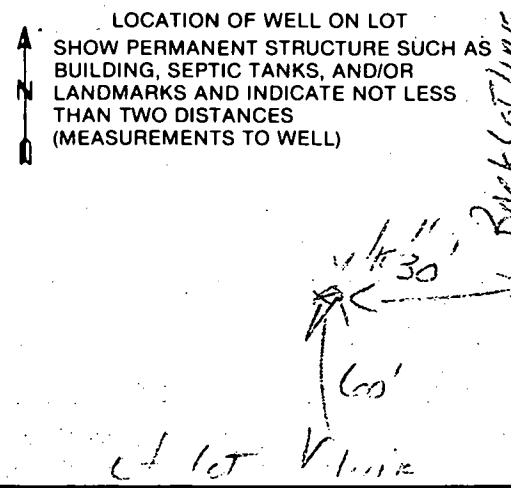
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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.) WQ. TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 17 METHOD USED TO MEASURE PUMPING RATE Before WATER LEVEL (distance from land surface) BEFORE PUMPING 31 WHEN PUMPING 160 TYPE OF PUMP USED (for test) C centrifugal 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 below LAND SURFACE (nearest foot)



8:00
 10-4-88

Review 12-2-88 JEN dk

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well No. HO - 88-0120
 Division of property (road) HENRYTON
 Subdivision MEADOWOOD Lot 37 Block — Plat — Sec. 2
 Well Driller L. FRANKLIN EASTERDAY Owner SPRING HILL ASSOC.

Depth of well 400 1 GPM
 Distance of measuring point (M.P.) above ground 1 ft
 Static water level (S.W.L.) below M.P. 31 ft

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 10 gpm
 Total time 3 min to reach pumping water level 164' 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 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:30	164'	60 Sec	N/A	1 gpm
9:45	163'	60	pump at 310'	1
10:00	159'	40	R. Hanes	1 1/2
10:15	160'	40		1 1/2
10:30	160'	40		1 1/2
10:45	160'	40		1 1/2
11:00	160'	40		1 1/2
11:15	160'	40		1 1/2
11:30	160'	40		1 1/2
11:45	160'	40		1 1/2
12:00	160'	40		1 1/2
12:15	160'	40		1 1/2
12:30	160'	40		1 1/2
12:45	160'	40		1 1/2
1:00	160'	40		1 1/2
1:15	160'	40		1 1/2
1:30	160'	40		1 1/2
1:45	160'	40		1 1/2
2:00	160'	40		1 1/2
2:15	160'	40		1 1/2
2:30	160'	40		1 1/2
2:45	160'	40		1 1/2
3:00	160'	40		1 1/2
3:15	160'	40		1 1/2
HD-224 3:30	160	40		1 1/2

B 1 2530

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

40-88-0120

fill in this form completely

10/4

Date Received (APA)

8 13

OWNER INFORMATION

SPRING HILL ASSOC

1423 RT 32

SYKESVILLE MD 21784

B 3

LOCATION OF WELL

HOWARD

MEADOWOOD

SECTION 44 46 LOT 37 50

SYKESVILLE

MILES FROM TOWN (enter 0 if in town) 6 MI

George F. Easterday

Driller's Name

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., Mt. Airy, Md. 21771

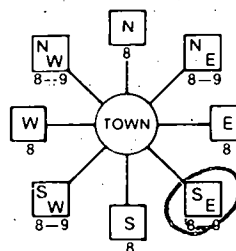
Signature: George F. Easterday Date: 7-16-88

DRILLER INFORMATION

40 License No. 80

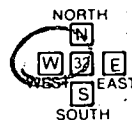
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



HENRYTON RD NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



500 DISTANCE FROM ROAD

ENTER FT or MI FT

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) - circled
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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME #A 38111 COUNTY NO.

STATE SIGNATURE DATE ISSUED

081588 CO SIGNATURE EXP DATE 2/15/89

NORTH GRID 819000 EAST GRID 05460000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered)
Jetted
Jetted & Driven
AIR-ROTARY (circled)
AIR-PERCussion
ROTARY (Hydraulic Rotary)
CABLE
REverse-ROTary
DRive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- This well will not replace an existing well - circled
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
This well will deepen an existing well
Permit number of well to be replaced or deepened (if available)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE C INITIALS PERMIT NO. 40-88-0120

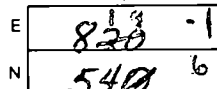
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

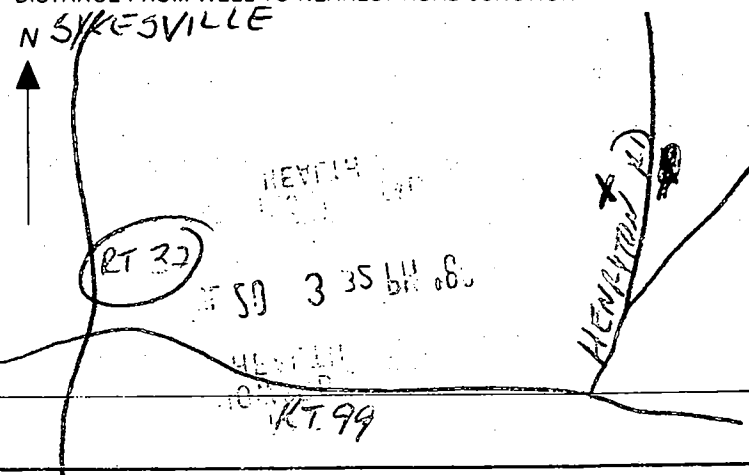
SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

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



Flow

FUTURE
TENNIS
COURT

FF 526.00

BE 510.50

21.8
GAR.
524.51

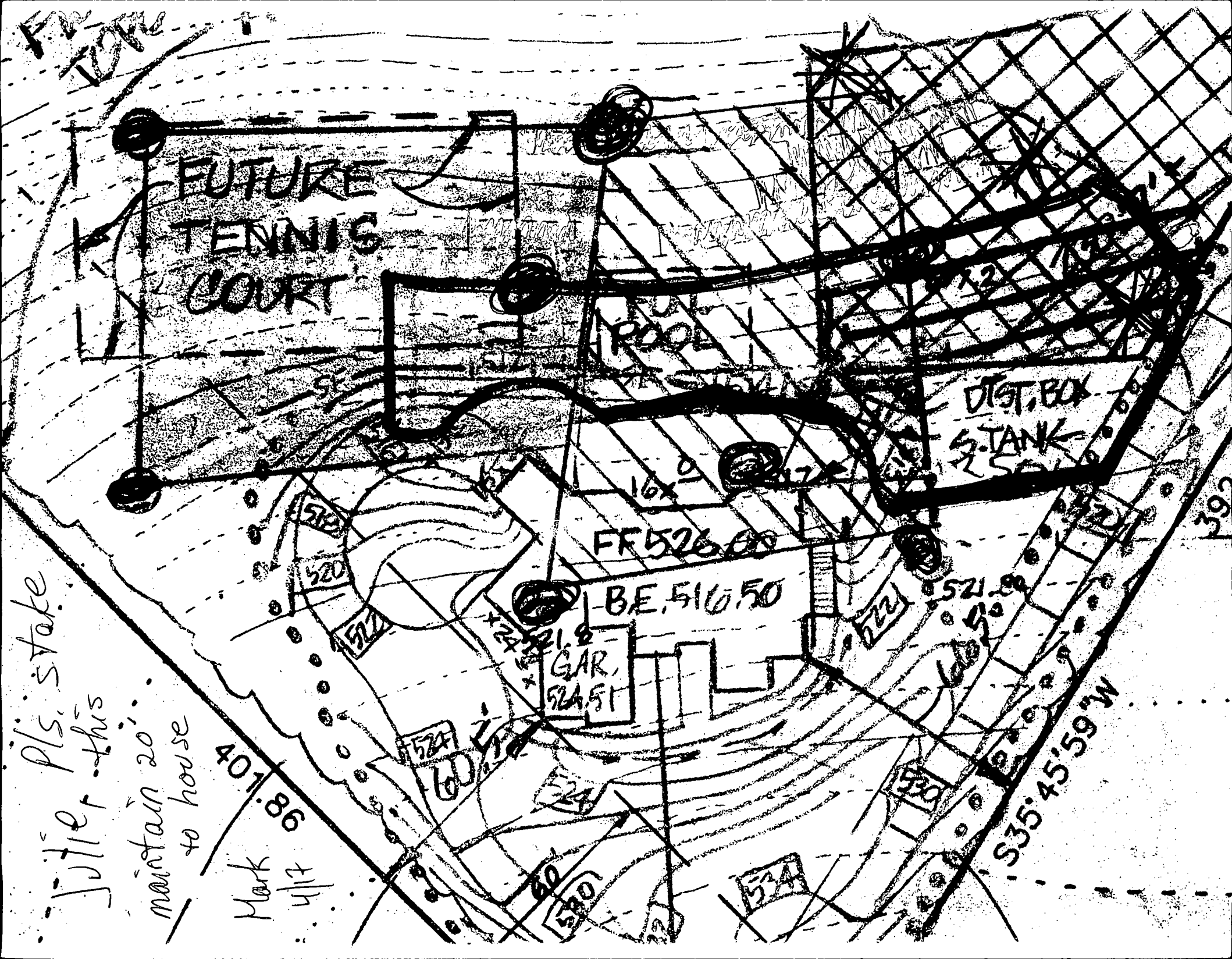
DIST. BOX
S. TANK

Julie pls. stake
maintain 20'
to house

407.86

Mark
4/17

S35°45'59"W



6/9/00
10:00

APPLICATION

PERCOLATION TESTING

A 513380

Proposal: relocation
of approved SEP
to accommodate
preferred hours
etc

P _____

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

DISTRICT _____

DATE 4/10/00

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 DENTON DOUGLAS

ADDRESS 5661-E HARPER'S FARM PHONE (H) 410-772-9297

AGENT OR PROSPECTIVE BUYER Chumbia MD 21044 (W) 410-884-6622

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION MEADOWOOD LOT NO. 37

ROAD AND DESCRIPTION HENRYTON (1390)

TAX MAP _____ PARCEL # _____

SIZE OF LOT 9.0 TYPE BLDG [Signature]
(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

COUNTY #

SOIL PROFILE

101

0' topsoil

6" med org brn sa cl lm

2.5' med to lt brn sa lm
20%+ sapr sh

11.5' Hard bottom

Rx patch

102/103

0' topsoil

6" med org brn sa cl lm

2.5' med to lt org brn sa lm

12' 25% sapr sh

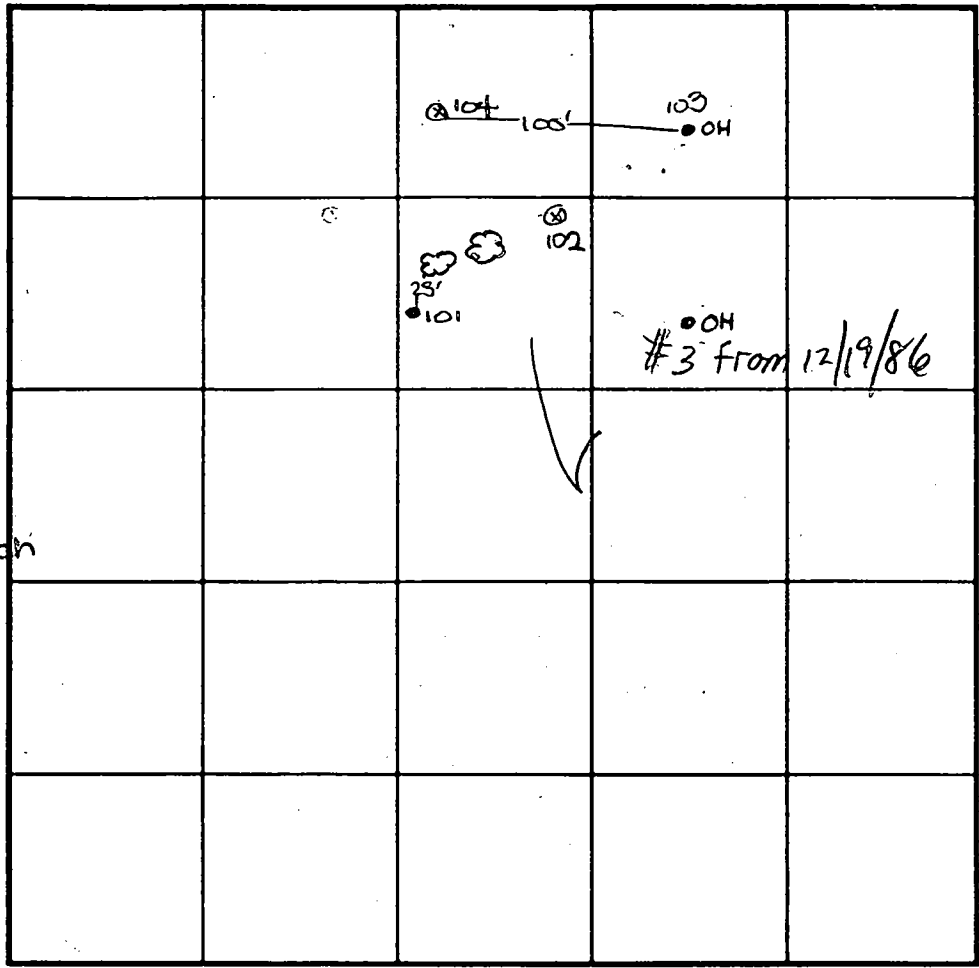
104

0' topsoil

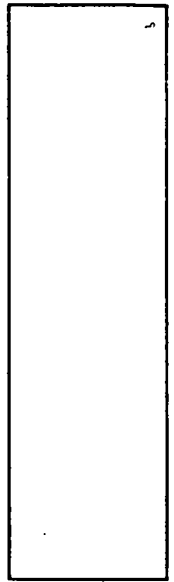
6" med org brn sa cl lm

2' med to lt org brn sa lm
35-40% sapr sh

10.5' Hard bottom



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Henryton Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
6-9-00	101	2.5' S	10:31 ₃	10:33	10:33	10:35	2
		11.5' D	Hard bottom		see profile		OK
	102	12.0' D	visual	-see	profile		OK
	103	10.5' D	visual	-see	profile		OK
	104	3.0' S	11:10 ₃	11:17 ₃	11:17 ₃	11:19	2
		10.5' D	Hard bottom		-see profile		OK
12/19/86	3	4 1/2					1
		10 1/2					

REMARKS • = hole staked ⊗ = hole not staked

TYPE OF SOIL _____

TESTED BY DKS ALSO PRESENT C. Zepp, Mr. Douglas

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 TRENCH WIDTH 3

INLET DEPTH 2.5 MAXIMUM BOTTOM DEPTH 4.5 SQ FT/BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 38111

P _____

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

*12/19/86
Percolation
Approved
[Signature]*

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 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 LOT NO. 37 10/20/87
Prelim.

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

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres TYPE BLDG. Single Family
(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.

Mike Sedgwick
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION (OR HOLDING) for gold located certified holes & sub-plant

THIS IS NOT A PERMIT

APPLICATION

PERCOLATION TESTING

A 38112
P _____

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

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 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 LOT NO. 6

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

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres TYPE BLDG. Single Family
(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.

Dike Sedgwick
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS make only 1 good hole; need DATE _____
more perc. tests

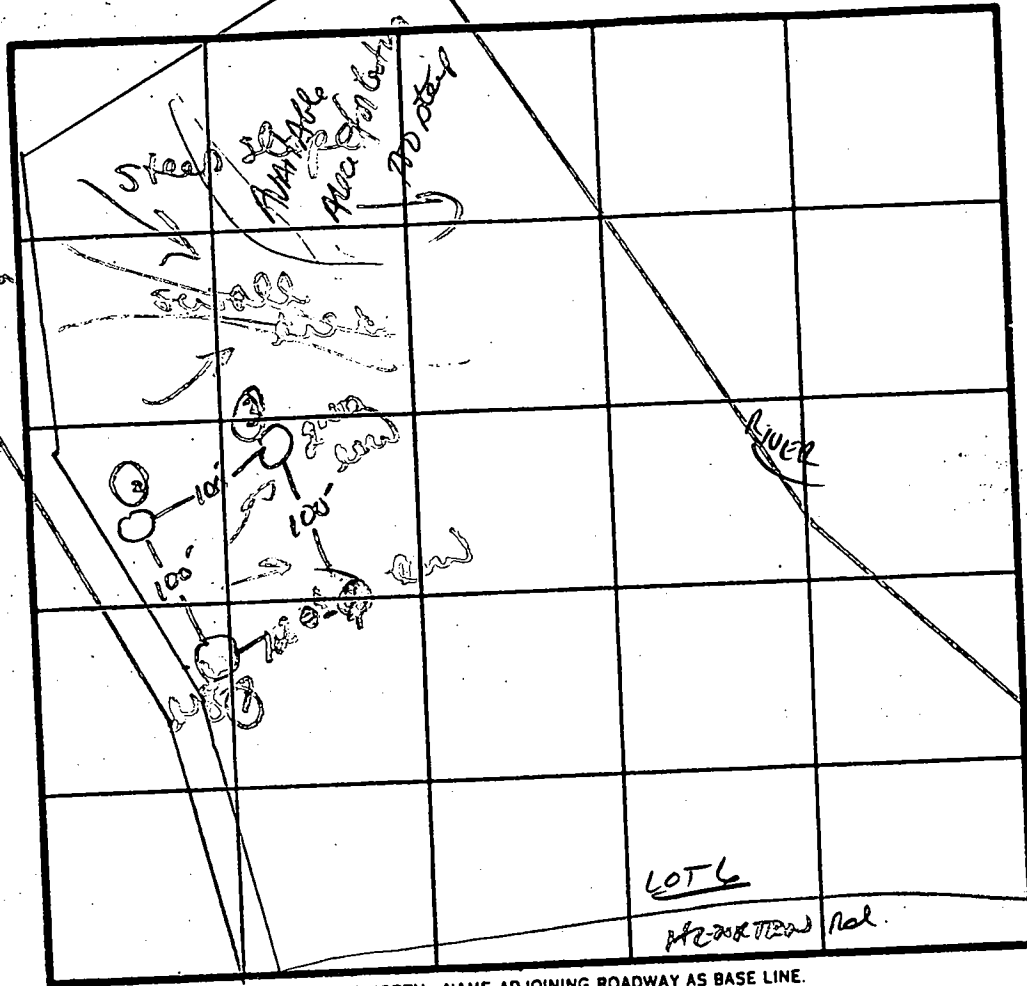
REASONS FOR REJECTION OR HOLDING 1-14-87; low. unsatisfactory; insufficient area recommended
to test that is acceptable. STHel

THIS IS NOT A PERMIT

SOIL PROFILE

0
 orange brown
 silty clay
 2'
 to tan
 orange-brown
 silty
 sand
 loam
 25%
 sand
 rock
 fragments
 12"

④



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

brown large
 clay
 3'
 red clay
 rock
 at bottom
 -5'
 w/ 10-15%
 red frag
 structure
 weathered
 hard

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/19/86	ⓑ	3'S	10 ⁴⁵	10 ⁴⁶	10 ⁴⁶	10 ⁴⁷	1 MIN	
		7'M	10 ⁴⁹	10 ⁵⁰	10 ⁵⁰	10 ⁵²	2 MIN	
		12' N	rotten - (see profile)					
	ⓐ	Rock	9"	NOT TESTED				
	ⓑ	Rock	4"	NOT TESTED				

1/14/86 - NO FURTHER
 AREA REMAINING TO TEST
 ON LOT AS SHOWN
 AFTER SITE INSPECTION

AREA PROPOSED EXCEEDS
 2540
 S. Abel
 TESTED BY

REMARKS
 pers field in thick grass; extended area to
 side access; hole struck into very approx
 Rock in lower holes
 ALSO PRESENT
 R. Nylan
 R. Bell

LOT # 37

LOT # 36

LOT # 35

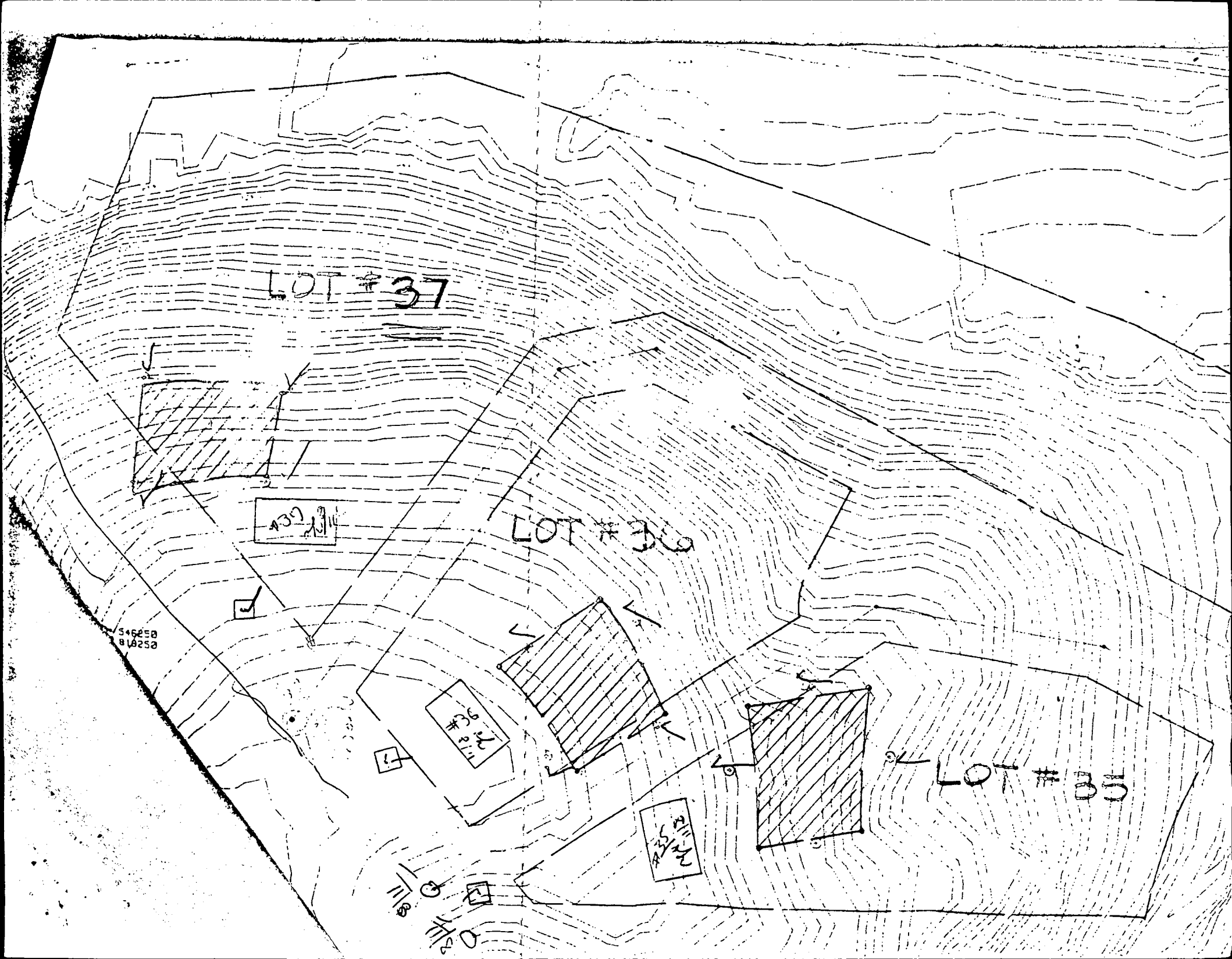
A37
2/14

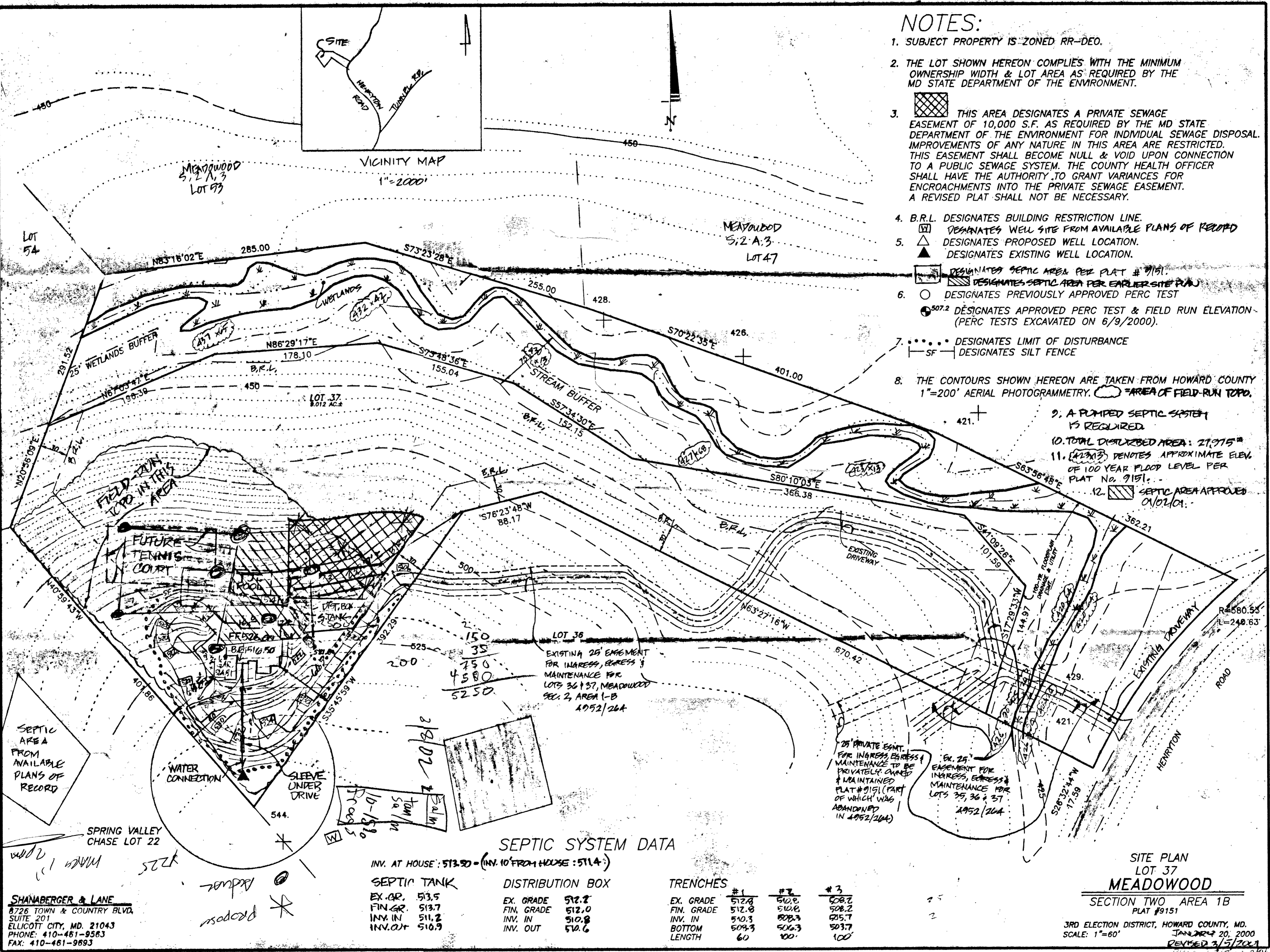
#36
2/14

A35
2/14

546258
818252

8/10
8/10





NOTES:

- SUBJECT PROPERTY IS ZONED RR-DEO.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & 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. A REVISED PLAT SHALL NOT BE NECESSARY.
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
 - DESIGNATES WELL SITE FROM AVAILABLE PLANS OF RECORD
- DESIGNATES PROPOSED WELL LOCATION.
 DESIGNATES EXISTING WELL LOCATION.
- DESIGNATES SEPTIC AREA PER PLAT # 9151.
 DESIGNATES SEPTIC AREA PER EARLIER SITE PLAN
- DESIGNATES PREVIOUSLY APPROVED PERC TEST
 DESIGNATES APPROVED PERC TEST & FIELD RUN ELEVATION (PERC TESTS EXCAVATED ON 6/9/2000).
- DESIGNATES LIMIT OF DISTURBANCE
 DESIGNATES SILT FENCE
- THE CONTOURS SHOWN HEREON ARE TAKEN FROM HOWARD COUNTY 1"=200' AERIAL PHOTOGRAMMETRY. AREA OF FIELD-RUN TOPO.

- A PUMPED SEPTIC SYSTEM IS REQUIRED
- TOTAL DISTURBED AREA: 21,975'
- DENOTES APPROXIMATE ELEV. OF 100 YEAR FLOOD LEVEL PER PLAT NO. 9151.
- SEPTIC AREA APPROVED 01/02/01.

SEPTIC SYSTEM DATA

INV. AT HOUSE: 513.50 (INV. 10' FROM HOUSE: 511.4)

SEPTIC TANK		DISTRIBUTION BOX		TRENCHES		
EX. GR.	513.5	EX. GRADE	512.7	#1	#2	#3
FIN. GR.	513.7	FIN. GRADE	512.0	EX. GRADE	512.8	512.8
INV. IN	511.2	INV. IN	510.8	FIN. GRADE	510.8	508.2
INV. OUT	510.9	INV. OUT	510.6	INV. IN	510.3	508.2
				INV. OUT	509.3	505.7
				BOTTOM	506.3	503.7
				LENGTH	60	100

**SITE PLAN
LOT 37
MEADOWOOD**

SECTION TWO AREA 1B
PLAT #9151
3RD ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1"=60'
JANUARY 20, 2000
REVISED 3/5/2001

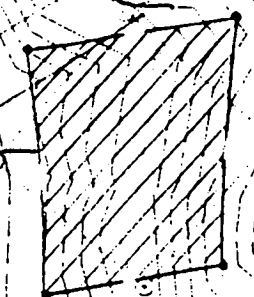
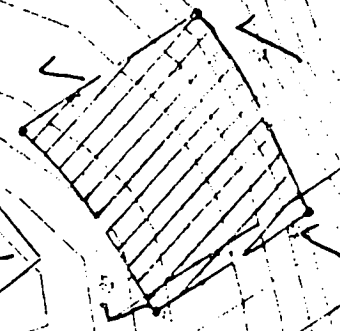
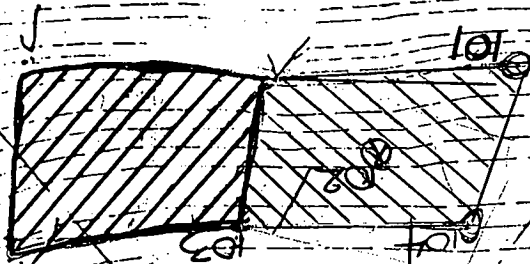
SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD. 21043
PHONE: 410-461-9563
FAX: 410-461-9893

Proposed Area
Proposed Field
Present Field

LOT # 37

LOT # 38

LOT # 39



54658
#18258

#36

#35

#34

H. Court Health Dept

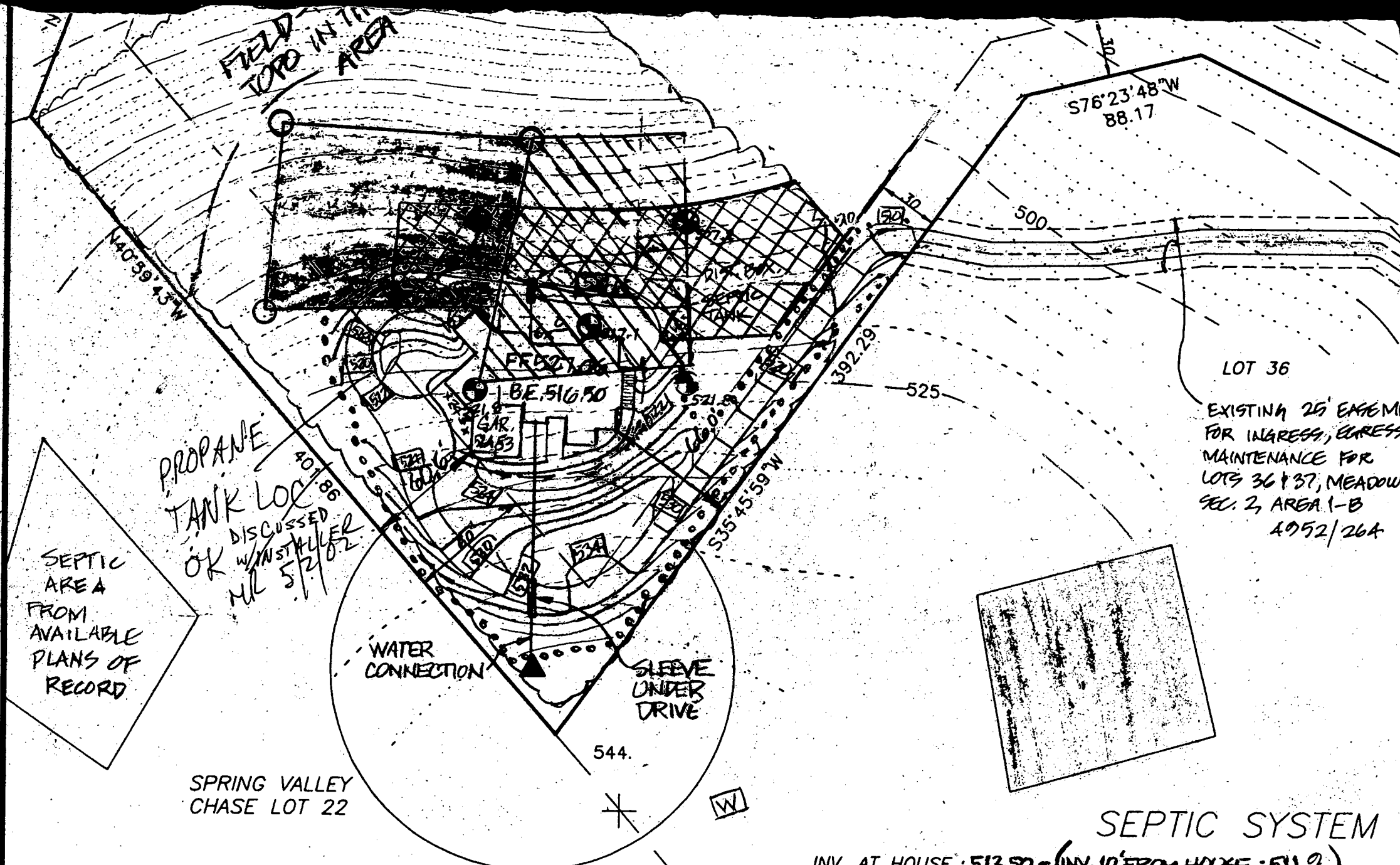
Bureau of Env. & Health

3525 Elliza CA Mill Dr.

21X3

RECEIVED
HOWARD COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH

2000 AP 21 PM 2:10



SEPTIC AREA FROM AVAILABLE PLANS OF RECORD

PROANE TANK LOC OK DISCUSSED W/INSTALLER ML 5/2/02

SPRING VALLEY CHASE LOT 22

LOT 36
EXISTING 25' EASEMENT FOR INGRESS, EGRESS MAINTENANCE FOR LOTS 36 & 37, MEADOW SEC. 2, AREA 1-B 4952/26A

SEPTIC SYSTEM

INV. AT HOUSE: 513.50 - (INV. 10' FROM HOUSE: 511.9)

SEPTIC TANK

EX. GR.	514.0
FIN. GR.	514.0
INV. IN	511.7
INV. OUT	511.4

DISTRIBUTION BOX

EX. GRADE	512.5
FIN. GRADE	512.5
INV. IN	511.3
INV. OUT	511.1

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
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ELLCOTT CITY, MD. 21043
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FAX: 410-461-9693