

LAYOUT 9/16 11am INSP 4 9/26 2:30  
 INSP 2 9/23 3pm INSP 5 \_\_\_\_\_  
 INSP 3 9/25 3ish INSP 6 \_\_\_\_\_

*Check well*

ISSUE DATE: 9/3/2003

P 519557

APPROVAL DATE: 9/26/03

A 511474-B

# PERMIT INDEXED

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

**04-369112**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Rd, Sykesville 21784 PHONE NUMBER: 410-795-5670

SUBDIVISION: Moxley Property LOT NUMBER: 6 (old lot 2)

ADDRESS: 14460 Frederick Road PROPERTY OWNER: D. R. Horton, Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): N/A  COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Run 4-60' trenches at the highest elevation (closest to the house). Place the distribution box in the middle top of the SDA. Run trenches on contour.
NOTES:	Gravity basement service is proposed. Some areas have lg-shale frags at 9', no trenches deeper than 5'.

PLANS APPROVED: Kacie Noonan OK SRK 8/29/03 DATE: 5/9/03

NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

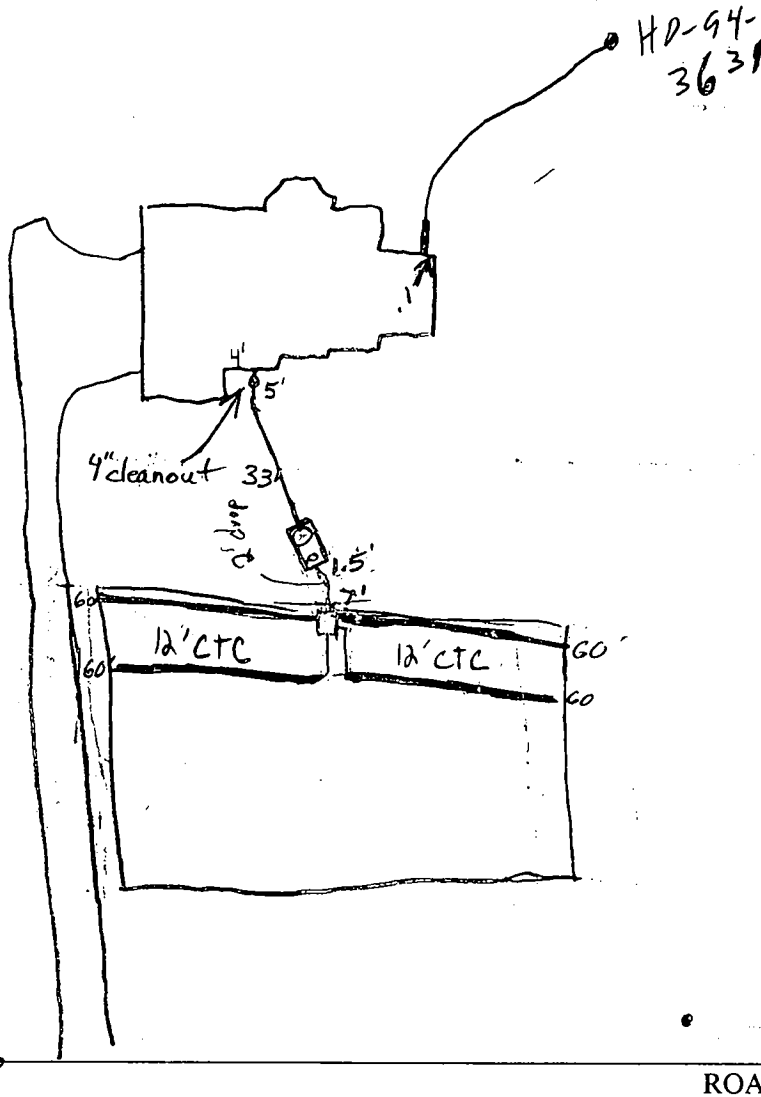
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

**BUILDING PERMIT SIGNED  
AND RETURNED**

8/26/03 B00143751 1000 UG PROPANE TANK

A 511474-B

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3	5
NUMBER OF TRENCHES		4
TOTAL LENGTH		240'
ABSORPTION AREA		720
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		NO

SEPTIC TANK DATA 2-Comp.	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/> Comp.
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1 1/2'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	front
6" PORT LOC	Back
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 9/16/03 - SRA stated, contours accurate. Install per BP, 12' CTC (50)

INSTALLATION 9/24/03 Tank set. Trenches started. Need baffles and pipe from tank to distribution box. Leave ends of trenches open after stoned. (BB) 9/25/03 1:30 No work done yet (BB) 9/26/03 last two trenches installed - speed bucker used - ok to cover all work (BB/50)

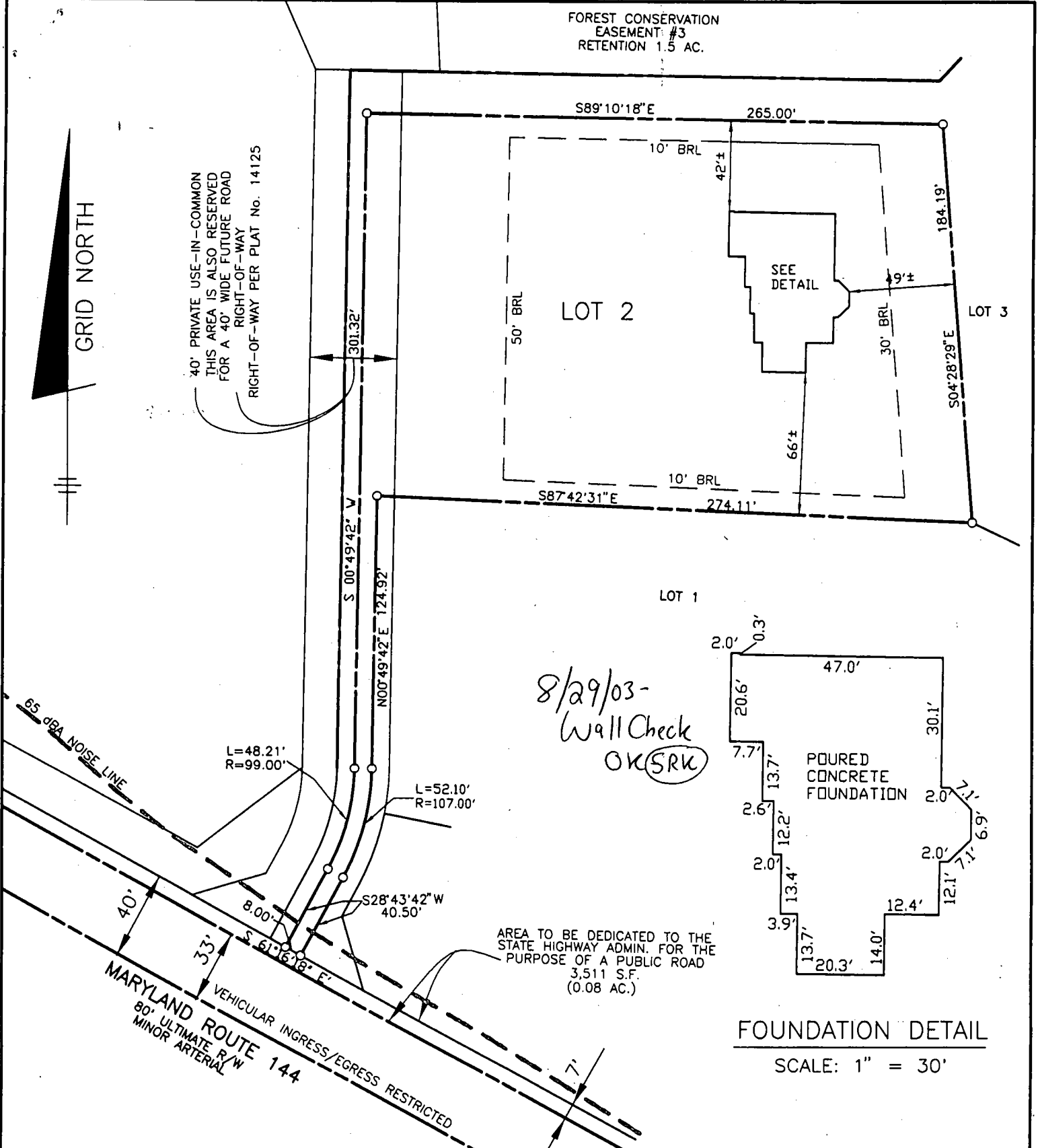
FINAL INSPECTOR *[Signature]*

DATE OF APPROVAL 9/26/03

FOREST CONSERVATION  
EASEMENT #3  
RETENTION 1.5 AC.

GRID NORTH

40' PRIVATE USE-IN-COMMON  
THIS AREA IS ALSO RESERVED  
FOR A 40' WIDE FUTURE ROAD  
RIGHT-OF-WAY PER PLAT No. 14125



FOUNDATION DETAIL  
SCALE: 1" = 30'

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 06/06/03; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY BENCHMARK ENGINEERING, INC. ENTITLED "SUSAN MOXLEY PROPERTY A MINOR SUBDIVISION LOTS 1 THRU 4", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 14125

TOP OF FOUNDATION WALL ELEVATION = 618.8'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

*David M. Harris*

DAVID M. HARRIS  
REGISTERED PROFESSIONAL LAND SURVEYOR  
MD REC. No. 10978  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
RECORD PLAT No. 14125  
FEMA FIRM No. 240044 0008 B  
ZONE: C  
DATED: 12/04/86



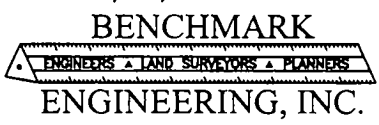
**WALL CHECK**

**SUSAN MOXLEY PROPERTY  
MINOR SUBDIVISION  
LOTS 1 THRU 4**

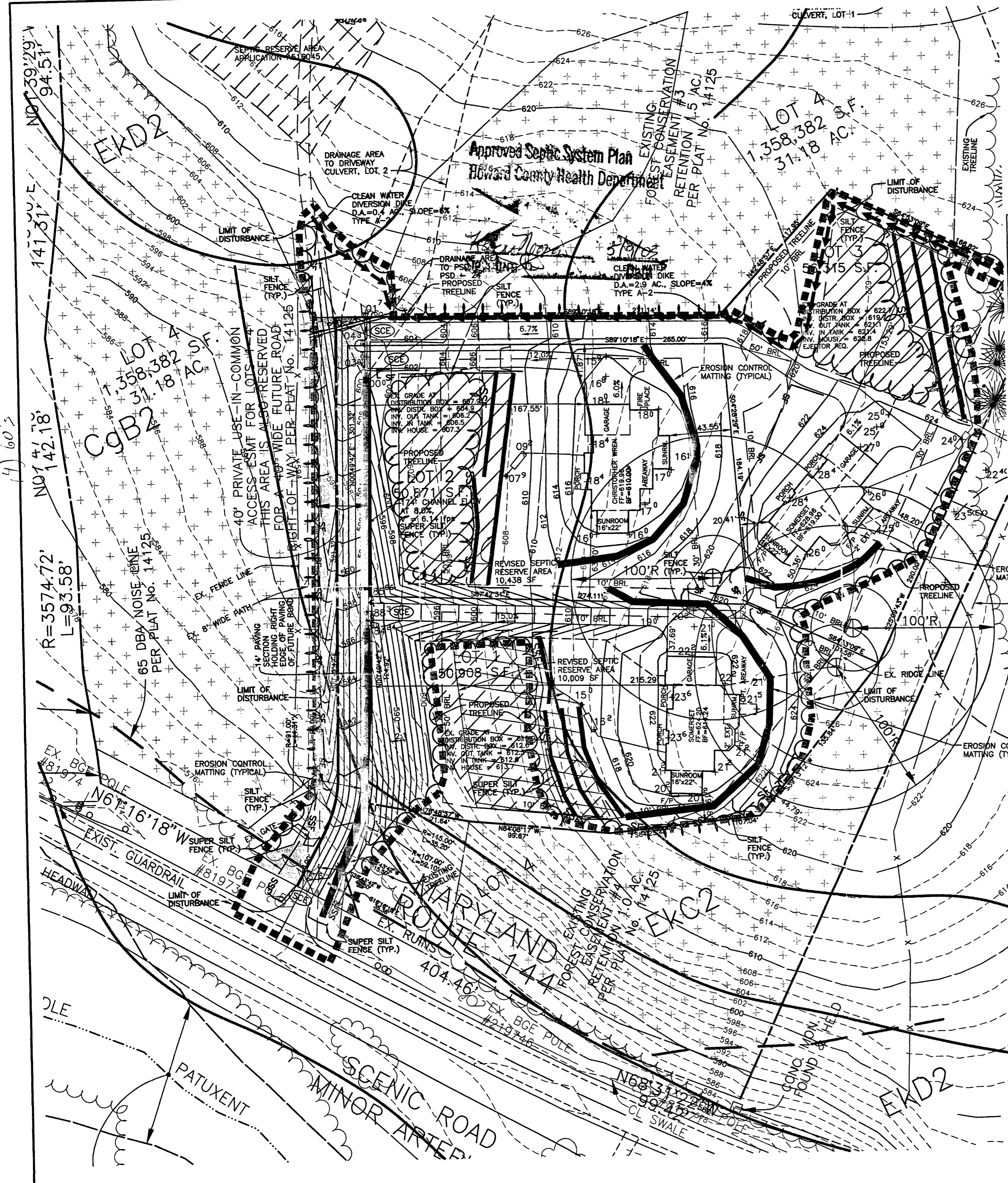
LOT No. 2

14460 FREDERICK ROAD  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

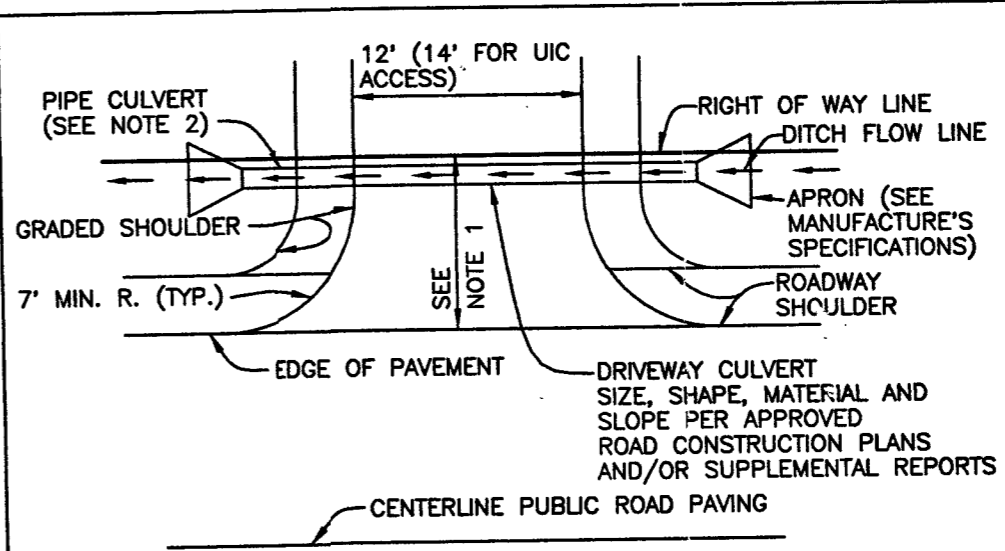
SCALE: 1" = 60' DATE: 06/06/03



8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-465-8103 & fax: 410-465-8844  
email: Benchmark@coala.com

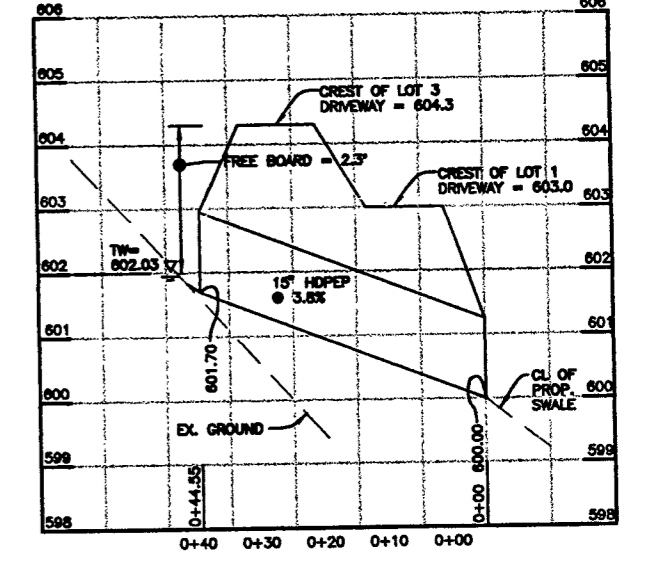
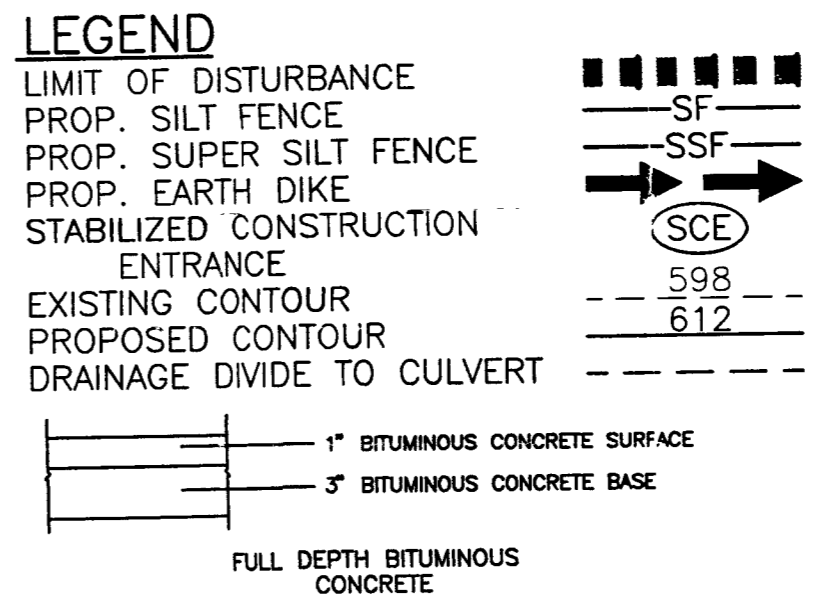


- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 14125, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
  2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
  3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-03-36 AND MODIFIED FOR THIS SPECIFIC HOUSE.
  4. TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY BENCHMARK ENGINEERING, INC., DATED DEC., 2002.
  5. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
  6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
  7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS (F-00-22).



- NOTES:**
1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD' NO. R-2.01 OR ALTERNATIVE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
  2. DRAINAGE CULVERT SIZE, SHAPE, MATERIAL AND SLOPE SHALL BE IN ACCORDANCE WITH THE APPROVED ROAD CONSTRUCTION PLANS AND/OR SUPPLEMENTAL REPORTS.
  3. APRONS ARE TO BE INSTALLED AT EACH END OF THE DRIVEWAY CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS.
  4. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY D.P.W.
  5. SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.

**DRIVEWAY CULVERT NOTES AND DETAIL**  
NOT TO SCALE



**DRIVEWAY PAVING SECTION**  
NOT TO SCALE

NO.	DATE	REVISION

**BENCHMARK**  
ENGINEERS • LAND SURVEYORS • PLANNERS  
**ENGINEERING, INC.**

6480 BALTIMORE NATIONAL PIKE • SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 • FAX: 410-465-6644  
EMAIL: benchmark@cais.com

<p>OWNER/BUILDER:</p> <p>D.R. HORTON, INC. SUITE 230 1370 PICCARD DRIVE ROCKVILLE, MARYLAND 20850 1-301-670-6144</p>	<p>PROJECT:</p> <p><b>SUSAN MOXLEY PROPERTY LOT 2</b></p> <p>LOCATION:</p> <p>14460 FREDERICK ROAD COOKSVILLE, MD 21723 TAX MAP 8 - BLOCK 23 - PARCEL 176 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND</p> <p>TITLE:</p> <p><b>PERMIT PLAN</b></p> <p>HOUSE TYPE: <b>CHRISTOPHER WREN</b></p> <p>DATE: <b>MARCH, 2003</b> PROJECT NO. <b>1617</b></p> <p>DESIGN: <b>JMC</b> DRAFT: <b>JMC</b> SCALE: <b>1" = 50'</b> DRAWING <b>1</b> OF <b>1</b></p>
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**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: Fogles Well Drilling Telephone #: 410-795-5670  
Address: 580 Obrecht Rd  
Sylvestre, Mo

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License# MSD009

\*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: D.R. Horton Telephone #:  
Subdivision: Vista Ridge Lot #: 2 Well Tag #: HO-94-3631  
Site Address: 14400 Frederick Rd

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goulds</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>yes</u>
Model #: <u>55 B07422</u>	Model #: _____	Screened, vented well cap: <u>yes</u>
Pump Capacity <u>5</u> GPM	Depth: <u>36</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>6</u> GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>250</u> (feet)		Conduit secured to well cap: <u>yes</u>

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: N/A

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>1" Black Plastic</u>	PVC sleeved to undisturbed soil at wall penetration: <u>yes</u>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>5</u>
Depth of supply line: <u>42</u> (36" min)	Sleeve caulked and sealed properly: <u>yes</u>

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: [Signature] date: 10-27-03

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

Date Insp. Requested: 9/25/03 Date Insp. Approved: 9/26/03 (50)  
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 **14108** SEQUENCE NO. (MDE USE ONLY)  
 1 2 3 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)  
 ST/CO USE ONLY  
 DATE RECEIVED **05 3 03**  
 DATE WELL COMPLETED **7 26 03**

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY.  
 PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **511474B**  
 PERMIT NO. **HO-94-3631**  
 FROM "PERMIT TO DRILL WELL"

OWNER **Moxley Susan**  
 STREET OR RFD **Rt 199** TOWN **Cooksville**  
 SUBDIVISION **Susan Moxley** SECTION \_\_\_\_\_ LOT **2 aka 6?**

**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	
Brown shale	0	74	
Gray limestone	74	145	
White	145	146	✓
Gray limestone	146	230	
white	230	231	✓
Gray limestone	231	250	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL: (Circle one)  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **103** NO. OF POUNDS **9682**  
 GALLONS OF WATER **618**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **75** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** **CO**  
**PL** **OT**  
 STEEL CONCRETE  
 PLASTIC OTHER

**MAIN CASING TYPE**  
 Nominal diameter top (main) casing (nearest inch)! **06**  
 Total depth of main casing (nearest foot) **78**  
**ST** **06** **78**

**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**  
 STEEL BRASS HOLE  
 PLASTIC BRONZE OTHER

NUMBER OF UNSUCCESSFUL WELLS: **0**  
 WELL HYDROFRACTURED **Y** **N**

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 LIC. NO. **MSD 009**  
**Ad**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. **D**

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

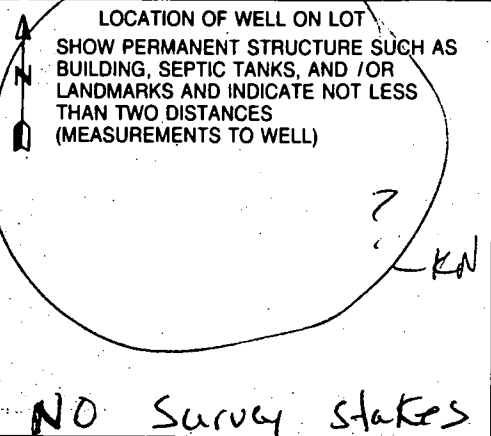
**C 2** DEPTH (nearest ft.)  
**HO** **78** **250**  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21  
 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36  
 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51  
 SLOTTED SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)  
 from \_\_\_\_\_ to \_\_\_\_\_

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  
 70 \_\_\_\_\_ 72 \_\_\_\_\_ 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C 3** **PUMPING TEST**  
 HOURS PUMPED (nearest hour) **03**  
 PUMPING RATE (gal. per min.) **60**  
 METHOD USED TO MEASURE PUMPING RATE **1 gal**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **39** ft.  
 WHEN PUMPING **69** ft.  
 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 INSTALLED PUMP (CIRCLE) (YES or NO) YES **NO**  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. **29**  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31** **35**  
 PUMP HORSE POWER **37** **41**  
 PUMP COLUMN LENGTH (nearest ft.) **43** **47**  
 CASING HEIGHT (circle appropriate box and enter casing height)  
**+** above **LAND SURFACE**  
**-** below **02** (nearest foot)





B 1. **6277**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL

please type

STATE PERMIT NUMBER

**HO-94-3631**  
fill in this form completely

Date Received (APA)

**01 27 03**

OWNER INFORMATION

8 MM DD YY 13

**D.R. Horton**  
15 Last Name Owner First Name 34

**1370 Piccard Dr**  
36 Street or RFD 55

**Rockville Md. 20850**  
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

**Howard**  
8 COUNTY 21

**Susan Moxley Property**  
23 SUBDIVISION 42

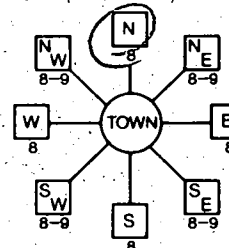
SECTION **2 aka 6** LOT **2 aka 6**  
44 46 48 50

**Cooksville**  
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **0** M I  
73 76 77 78

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



**Frederick Rd.**  
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH [ ] WEST [ ] EAST [ ] SOUTH [ ]

**320**  
34 DISTANCE FROM ROAD 37  
ENTER FT OR MI 38 39

TAX MAP: **8** BLK: \_\_\_\_\_ PARCEL **176**

DRILLER INFORMATION

**Allen Compton** **MSD 009**  
76 Driller's Name License No. 81

**Fogle Well Drilling**  
Firm Name

**580 Obrecht Rd**  
Address

**Allen Compton** **1-70-03**  
Signature Date

B 2 WELL INFORMATION  
APPROX. PUMPING RATE **5**  
(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED **500**  
(GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**Howard** **A 311474-B**  
COUNTY NAME COUNTY NO

STATE SIGNATURE \_\_\_\_\_ INSERT S → 41

DATE ISSUED **2 4 03** **Steven R. King** **2 4 04**  
43 MM DD YY 48 CO SIGNATURE EXP DATE

NORTH GRID **540 000** EAST GRID **790 000**  
50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET  
24 28

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
- other \_\_\_\_\_

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- 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

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_  
PERMIT No. **HO-94-3631**  
70 71 72 73 74 75 76 77 78 79

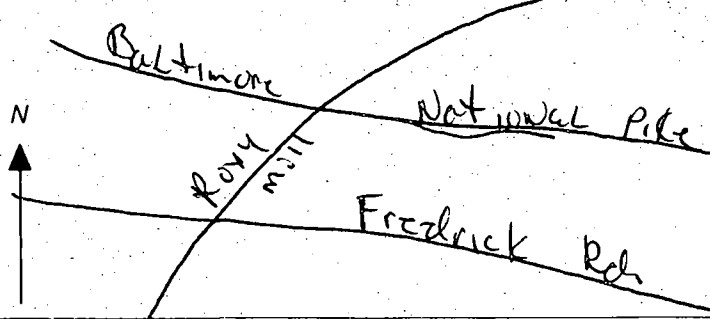
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
- 1.
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E **790**  
N **540**

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



SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

CgB2

CgB2

P-7  
602.9

622.4  
P-13

P-8  
609.7

623.1  
P-11

621.4  
P-10

623.5  
P-12

P-2  
603.8

P-3  
609.7

622.6  
P-9

P-4  
615.2

P-1  
615.4

PER HEALTH DEPARTMENT

LOT 1  
50,924 S.F.  
1.16 AC.

LOT 2  
35,889 S.F.  
0.82 AC.

LOT 3  
35,820 S.F.  
0.82 AC.

MD. ROUTE 144

EKD2

EKC2

CgB2

CHD2

EX. WELL

EX. HOUSE

EX. SEPTIC AREA

Signed  
perc cert  
7-6-99  
approved well site  
Plan SRK/KN

HD Copy

# APPLICATION

PERCOLATION TESTING

A 511474  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_  
DATE 3-24-99

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 SUZAN MOXLEY

ADDRESS 3489 DOWNING CT ADAMSTOWN, MD 21710 PHONE \_\_\_\_\_

AGENT ~~OR PROSPECTIVE BUYER~~ MARK MOXLEY

ADDRESS P.O. Box 417 ELLICOTT CITY, MD 21041 PHONE 410-465-4244

PROPERTY LOCATION:

SUBDIVISION SUZAN MOXLEY PROPERTY LOT NO. 32

ROAD AND DESCRIPTION FREDERICK ROAD & ROUTE 97

TAX MAP 8 PARCEL # 176

SIZE OF LOT 1.2 Ac ± TYPE BLDG. SFD  
(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.

Suzan D Moxley  
(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 P3/6

0' dark red SiCLM

5.0 dark red SiSalm 10% Rx

9.5 30% lg. shale

P-1

40-50% Rock from 0-7.0' below 7.0 to 12.0 pink Salm 20% Rx

12.0

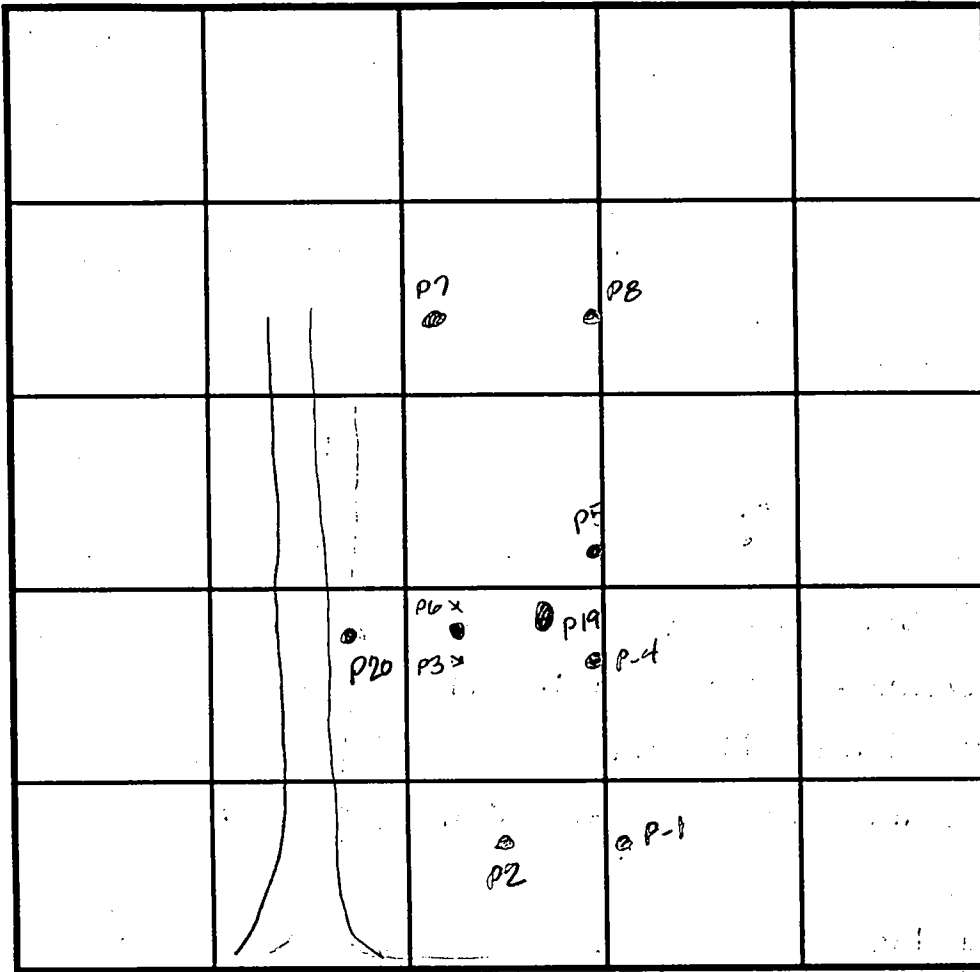
P2

red pink SiCLM

30 dark pink red Salm 20% Rx

9.0

30-40% Rx / Saprotic pink Salm



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Rt. 124

SOIL PROFILE P-7

0' dark red SiCLM

4.0 dark red Salm

10.0 lgt pink SiSalm

P-8 P-20

P19 dark red SiCLM

4.0 dark pink SiSalm some Rx @ bottom

10.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-19-99	P3/P6	5.5 / 12.0	10:35	10:38	10:38	10:41	3min
	P5	60% Rx @ 5.0	-insufficient depth bdrk				F
	P4	70% Rx @ 7.0	insufficient depth to bedrock				F
	P-1	6.5 / 12.0	10:43	10:46	10:46	10:51	5min
	P-2	4.0 / 12.0	10:49	10:51	10:51	10:56	5min
	P-7	5.5 / 13.0	11:02	11:04	11:04	11:06	2min
	P19	Visual to 10.0	- see profile				OK
	P20	Visual to 12.0	- see profile				OK

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillen ALSO PRESENT Clark Sperry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5min TRENCH WIDTH 3.0

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT/BEDROOM 180

PRESERVATION PARCEL 'A'  
ENVIRONMENTAL/SWM EASEMENT  
OWNED BY THE HOMEOWNERS  
ASSOCIATION WITH A THIRD  
PARTY AND HOWARD COUNTY AS  
THE EASEMENT HOLDERS.  
3.60 AC.

CgB2

EKC2

LOT 6  
44,556 SF

LOT 7  
48,637 SF

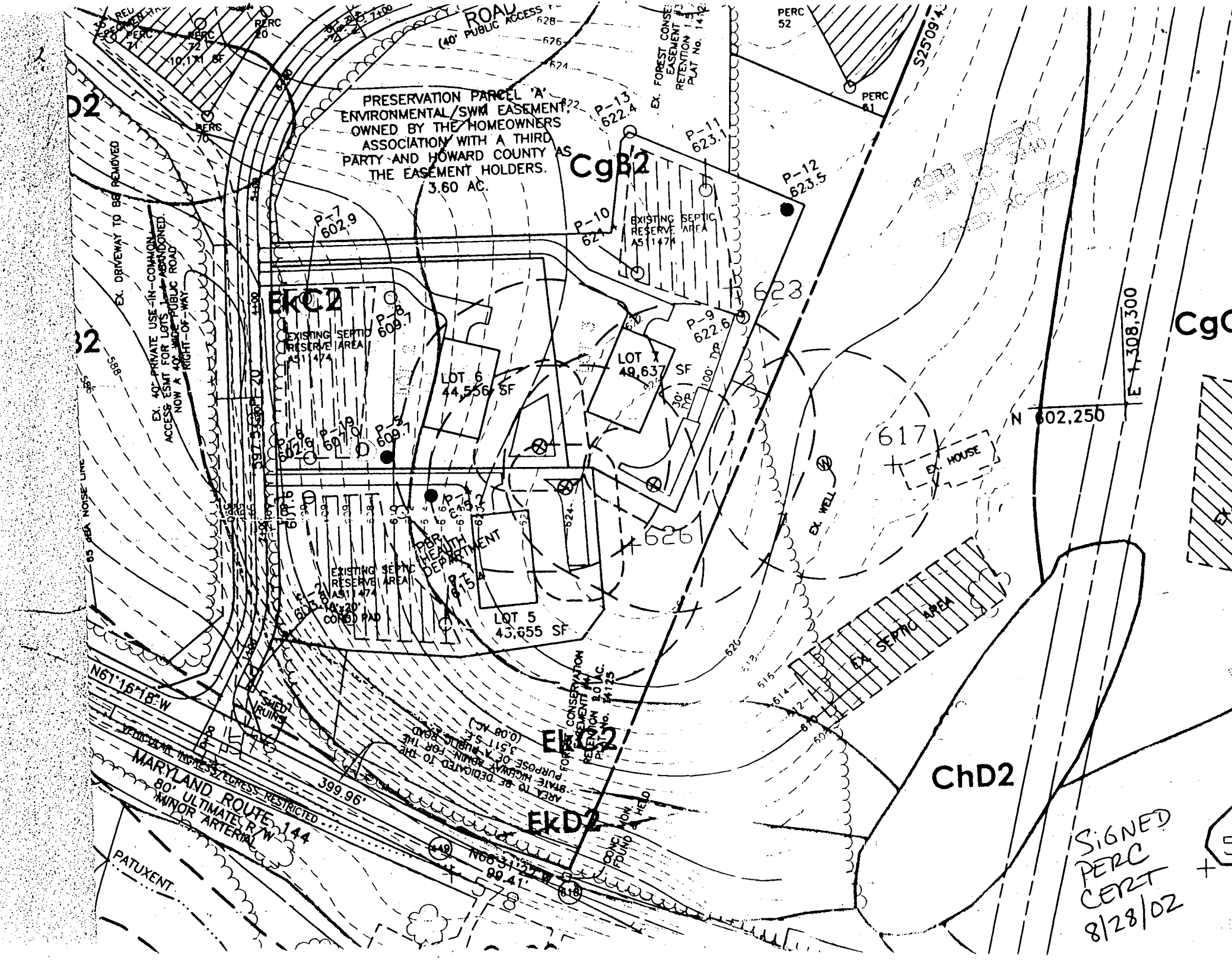
LOT 5  
43,655 SF

EKC2

ChD2

EKD2

SIGNED  
PERC  
CERT  
8/28/02



Signed  
perc cert  
7-6-99

EKD2

CgB2

CgB2

EKD2

EKC2

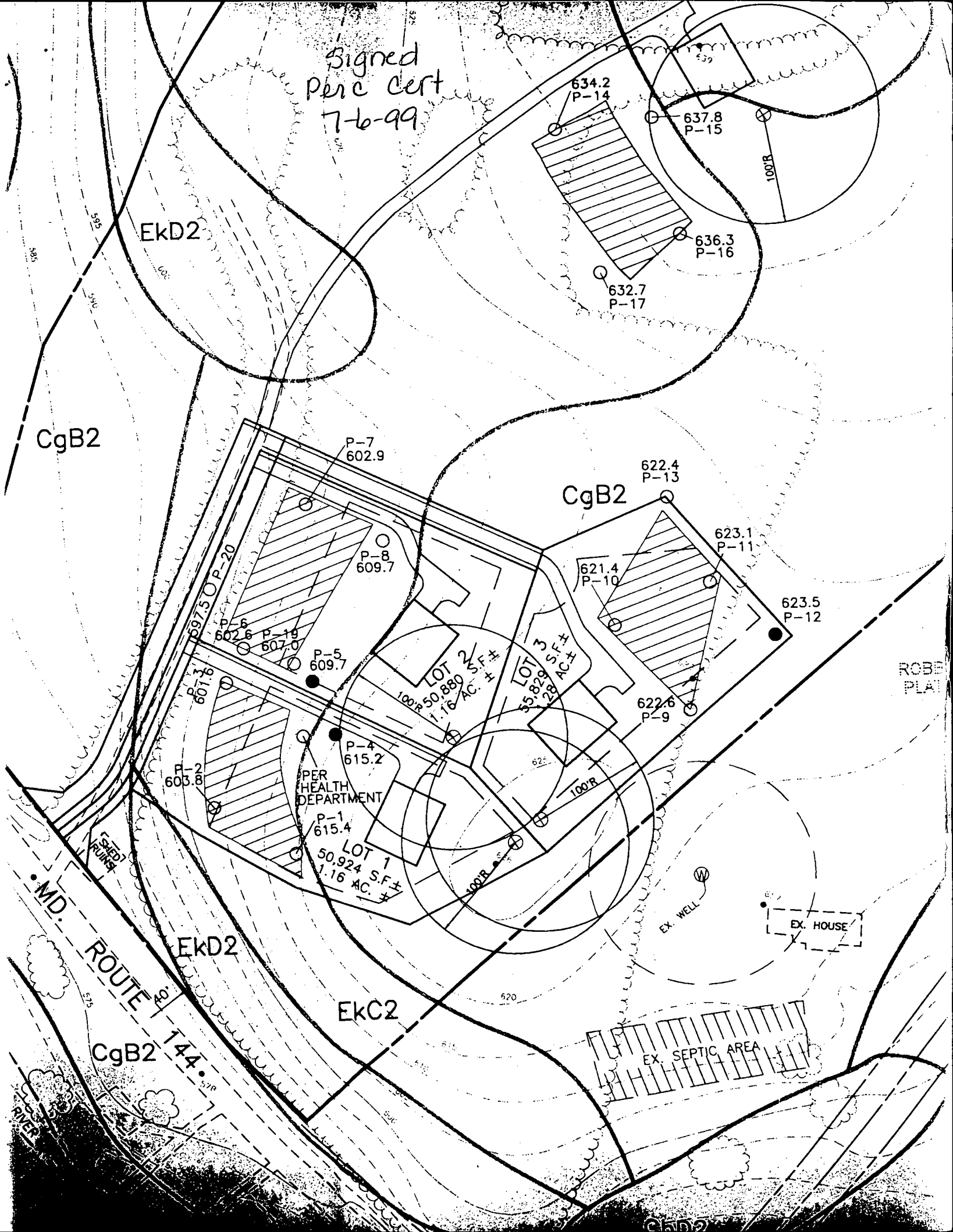
CgB2

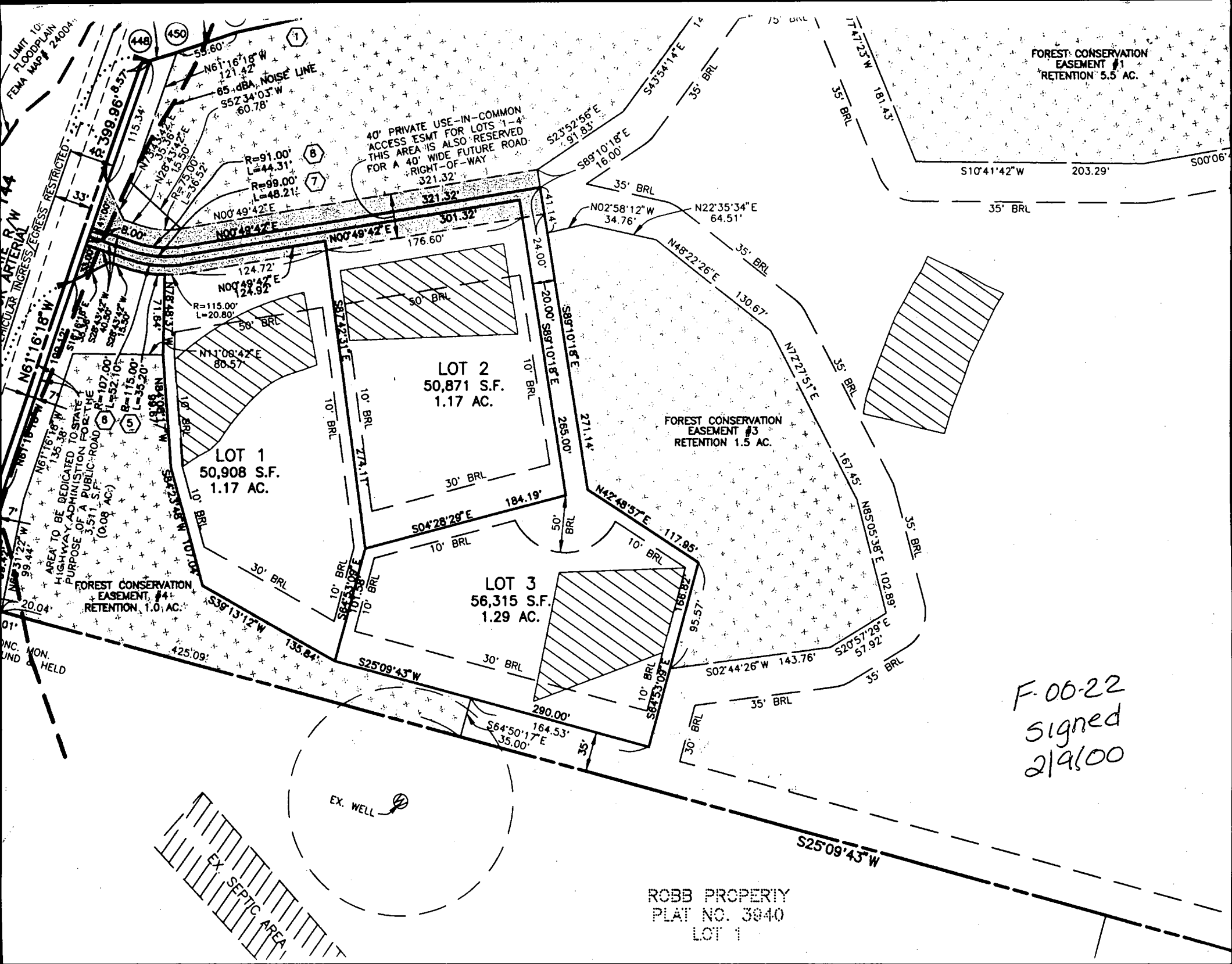
144

PER  
HEALTH  
DEPARTMENT

EX. SEPTIC AREA

ROBE  
PLA





FOREST CONSERVATION EASEMENT #1 RETENTION 5.5 AC.

40' PRIVATE USE-IN-COMMON ACCESS ESMT FOR LOTS 1-4 THIS AREA IS ALSO RESERVED FOR A 40' WIDE FUTURE ROAD RIGHT-OF-WAY 321.32'

LOT 2  
50,871 S.F.  
1.17 AC.

FOREST CONSERVATION EASEMENT #3 RETENTION 1.5 AC.

LOT 1  
50,908 S.F.  
1.17 AC.

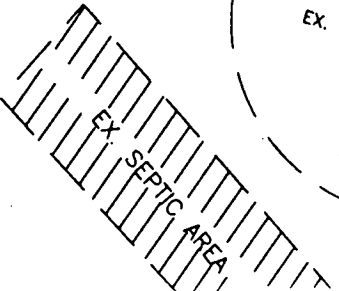
LOT 3  
56,315 S.F.  
1.29 AC.

LIMIT 10' FLOODPLAIN FEMA MAP 2400A

VEHICULAR INGRESS/EGRESS RESTRICTED

AREA TO BE DEDICATED TO STATE HIGHWAY ADMINISTRATION FOR THE PURPOSE OF A PUBLIC ROAD 3.511 S.F. (0.08 AC.)

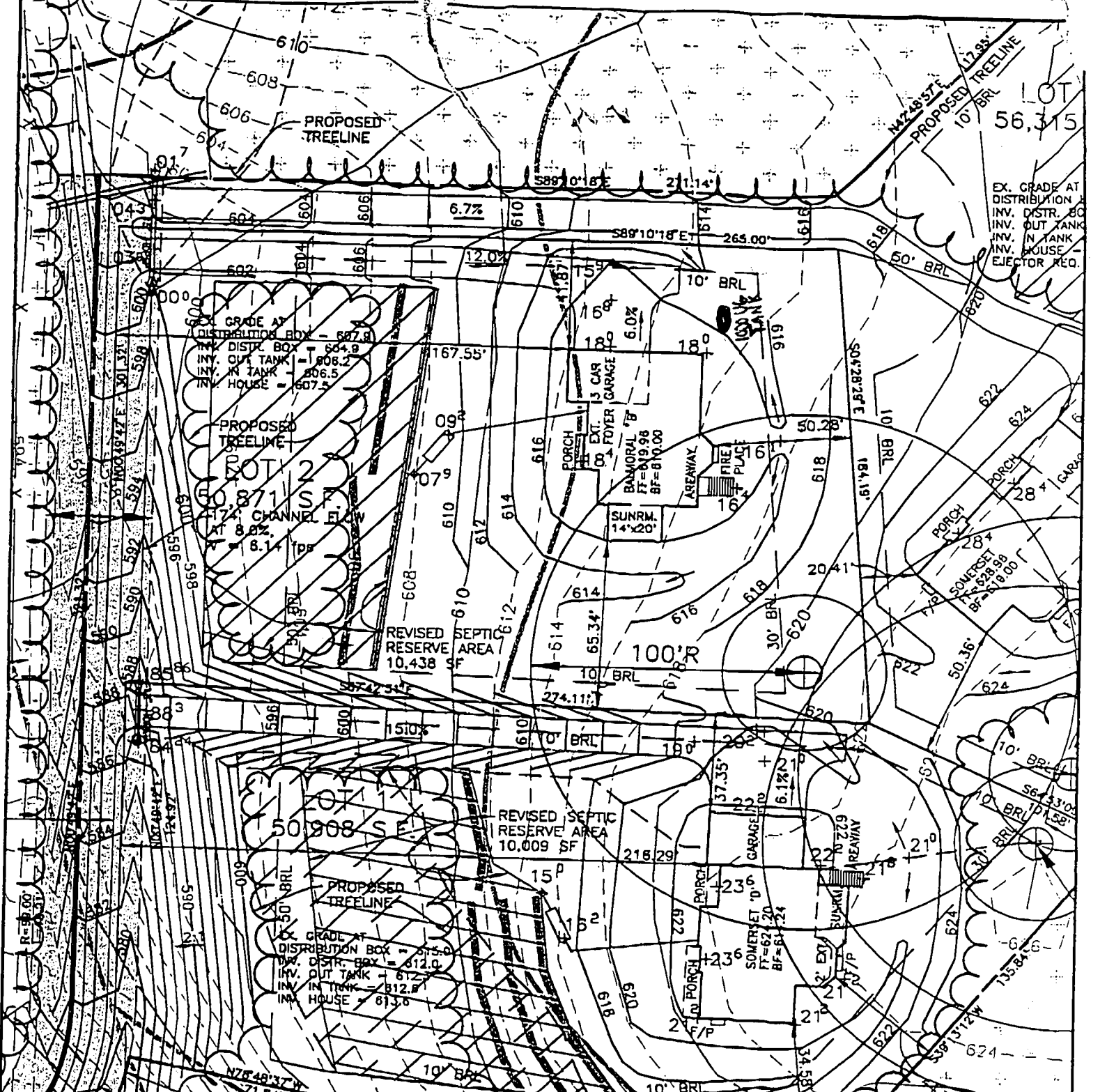
INC. MON. FUND & HELD



EX. WELL

F-06-22  
signed  
2/19/00

ROBB PROPERTY  
PLAT NO. 3940  
LOT 1



SLOPE OF DRIVEWAY = 6.0% @ GAR., 12% TO ROAD  
 NUMBER OF RISERS IN GAR. = 3  
 NUMBER OF RISERS ON LEAD WALK = 3

8/26/03 LPT loc  
 OK KN MA

VISTA RIDGE  
 (RECORDED AS SUSAN MOXLEY PROPERTY)  
 LOT 2

**BENCHMARK**  
 ENGINEERS • LAND SURVEYORS • PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MD 21043  
 PHONE: 410-465-6105 FAX: 410-465-6644

FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: 1/14/03  
 REVISED: 5/6/03

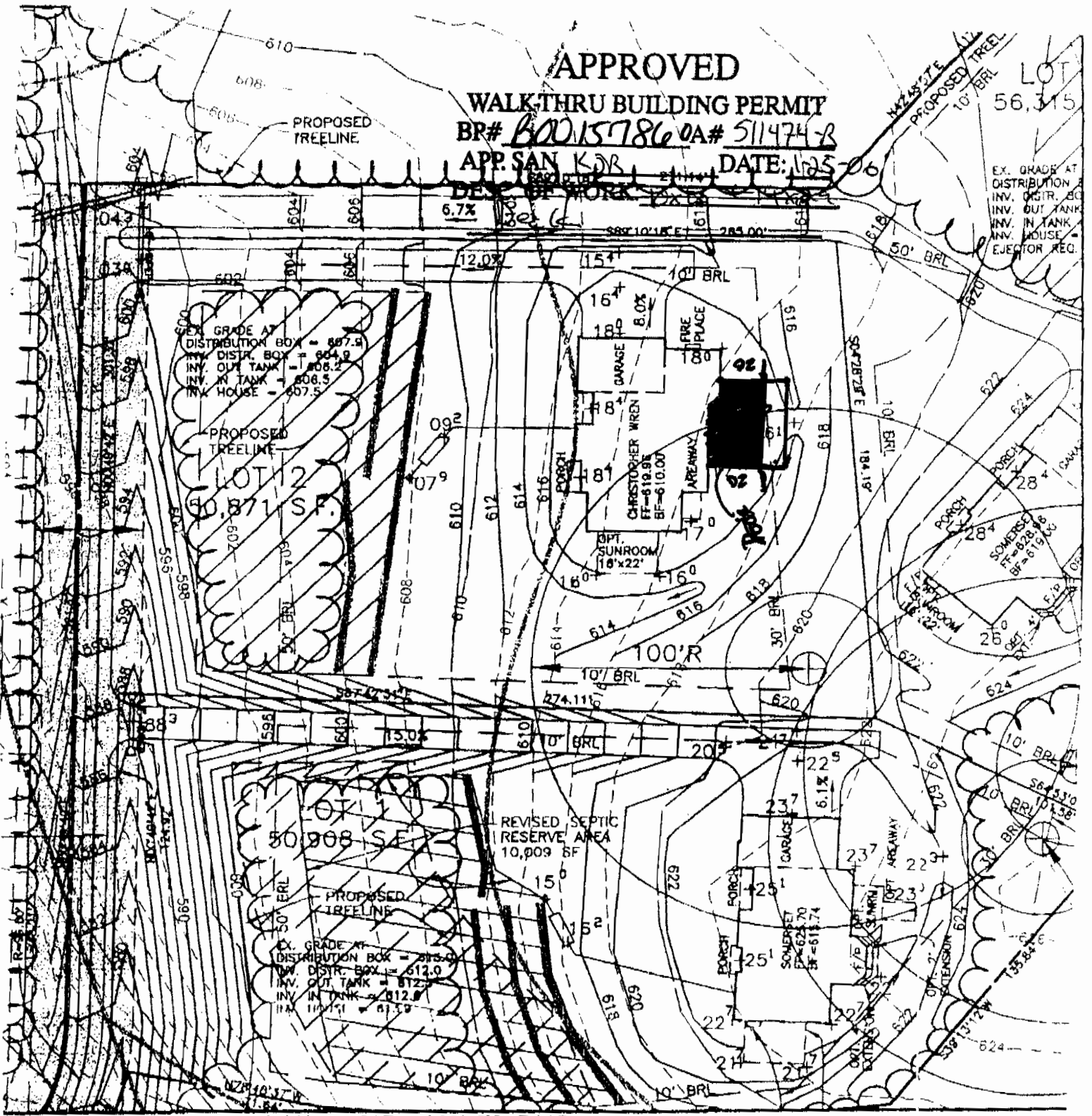
APPROVED

WALK-THRU BUILDING PERMIT

BR# B0015786 OA# 511474-8

APP. SAN KDR DATE: 1/25/03

LOT 56,315



SLOPE OF DRIVEWAY = 8.0% @ GAR., 12% TO ROAD  
 NUMBER OF RISERS IN GAR. = 3  
 NUMBER OF RISERS ON LEAD WALK = 3

SUSAN MOXLEY  
 PROPERTY  
 LOT 2

BENCHMARK

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FOURTH ELECTION DISTRICT  
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