

3/24/99
3/24/99
3/24/99
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510645

A 49918-D

DISTRICT 4th

DATE 8/25/98

DATE SYSTEM APPROVED 3/24/99

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXXXX~~ 410-313-2640

04-358767

INDEXED

Cumberland Development Corporation IS PERMITTED TO INSTALL X ALTER

ADDRESS 16391 A.E. Mullinix Road PHONE (301)854-6838

SUBDIVISION Royal Hollow LOT 3 ROAD 909 Lady Anne Court

PROPERTY OWNER Cumberland Development Corporation

BUILDING PERMIT SIGNED

AND RETURNED

SEPTIC TANK CAPACITY 1500 GALLONS 9-17-03-B00144129-DECK

NUMBER OF BEDROOMS 5

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 2 feet wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 2 1/2 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Contractor to call for site inspection prior to beginning any trench construction.
REASON: To stay far enough from well tag number: HO-73-0977

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK [Signature] 5/11/98

PLANS APPROVED BY Ronald J. Pinkley/Amy McMillen DATE 05/04/98

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

DE. PERMIT SIGNED
AND RETURNED 3-24-99
Serial # B00116873

septic tank

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

A 49918-D

APPLICATION

PERCOLATION TESTING

A 49918D

P _____

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

DISTRICT _____

DATE 3/10/94

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 NISSLER FARM JOINT VENTURE 40 LDG INC. Cumberland Devel Corp

ADDRESS LEE PLAZA, SUITE 200 8601 GA. AVE. SILVER SPRING, MD PHONE (301) 585-7000

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION ROYAL HOLLOW LOT NO. 3

ROAD AND DESCRIPTION OLD FREDERICK RD. & WOODBINE RD. (909 Lady Anne Court)

**OLD PERMIT SIGNED
AND RETURNED 5-4-98
Serial # 23711386
SFD-5 Perm.
(SINGLE FAMILY DWELLING OR COMMERCIAL)**

TAX MAP 7 PARCEL # 84

SIZE OF LOT 1 AC. ± 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. Thos J. S. FOR VMA
(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 _____

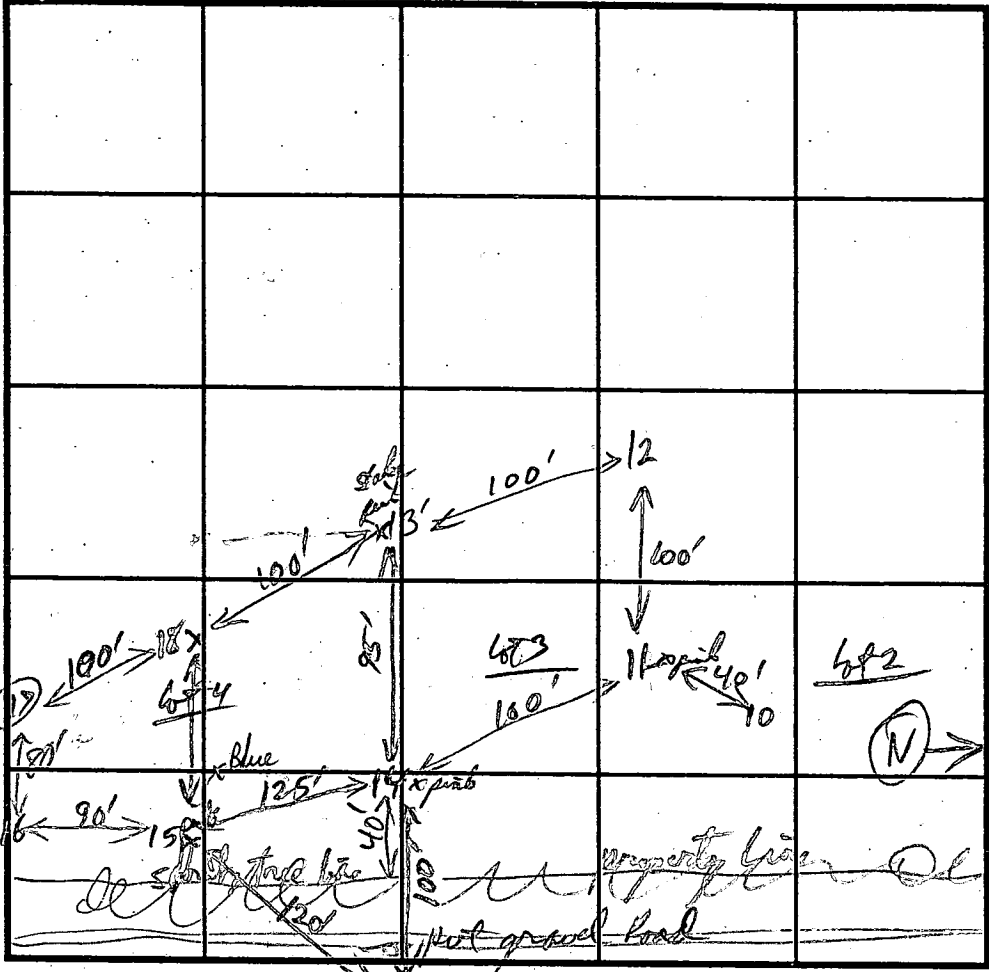
THIS IS NOT A PERMIT

603 499181

COUNTY #

SOIL PROFILE

0' 11
 Sp. Brn
 - Rd Brn
 6932
 Cl
 Red-Rd Brn
 v. mica
 SL
 2 depth
 20%
 soft mica
 Saprolite
 chert
 12 1/2



SOIL PROFILE

0'

12+14
 Same
 as
 Hbl #11

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-4-94	11	3 1/2'	11:23:30	11:27:00	11:27:00	11:30:40	4 min
		9'	11:23:00	11:29:00	11:29:00	11:36:30	18 min
	12	3 1/2'	11:57:20	12:01:50	12:01:50	12:10:00	8 min
		8'	11:56:50	11:58:20	11:58:20	12:01:40	3 min
	13	3 1/2'	12:01:20	12:05:50	12:05:50	12:17:00	11 min
		8'	12:01:20	12:11:40	12:12:00	12:38:00	26 min
	14	3 1/2'	12:05:40	12:20:40	12:20:40	12:52:14	35 min
		8'	12:05:40	12:07:10	12:07:10	12:16:50	10 min

13
 yel brn
 Cl
 2 1/2
 Rd Rd Brn
 Loam
 30%
 mica Saprolite
 chert
 12 1/2

REMARKS OK for 2 1/2' - Problem is existing well downhill, 100' from perc area
 TYPE OF SOIL Gln. cl
 TESTED BY R. P. Miller ALSO PRESENT Drayton & Bud Arnold
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15 min TRENCH WIDTH 2
 INLET DEPTH 2 1/2' MAXIMUM BOTTOM DEPTH 7 1/2' SQ. FT./BEDROOM 240

15
 1115

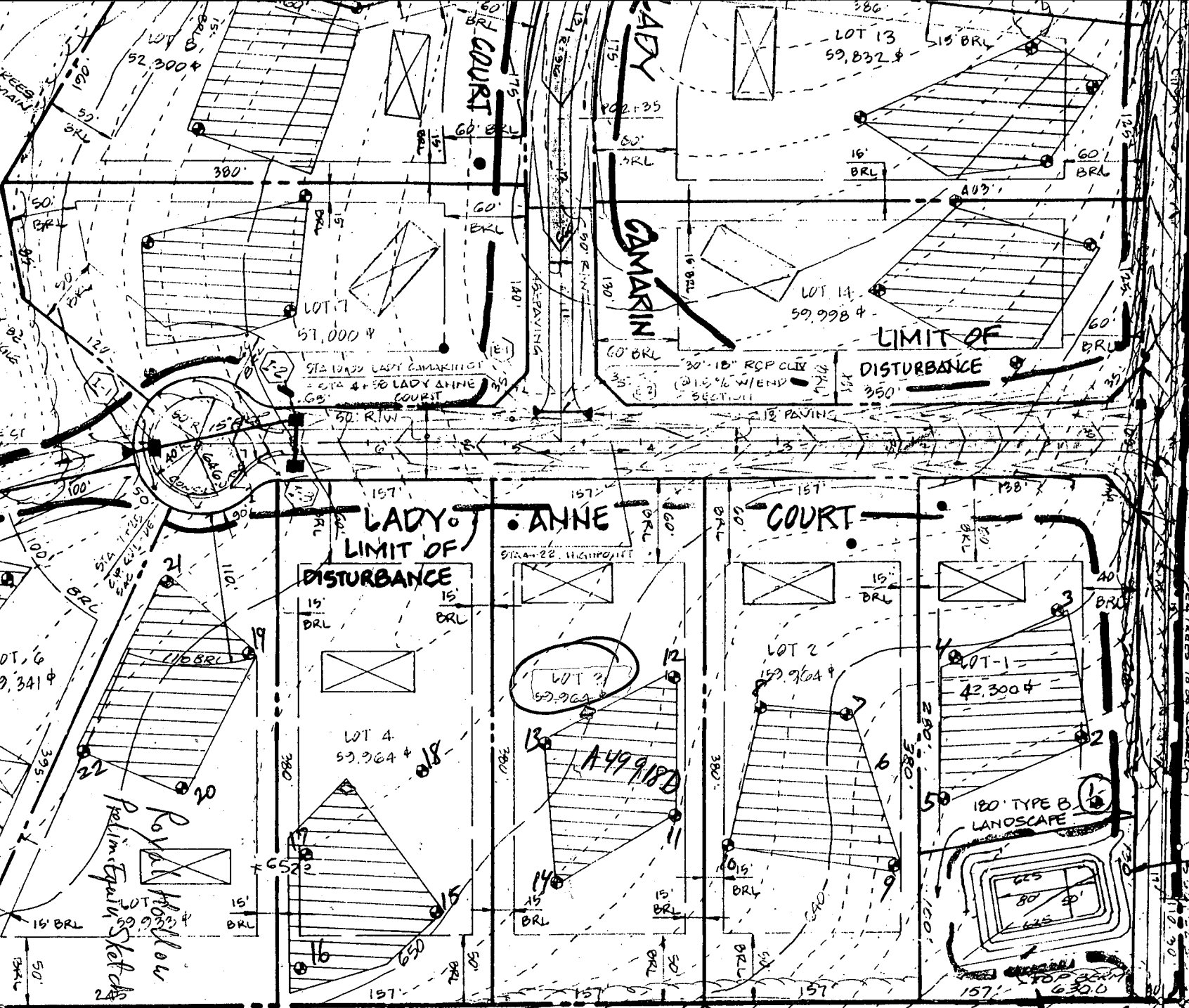
OLD FREDERICK ROAD

MAJOR COLLECTOR
STA 3+00 LADY ANNE
ROAD - BEGIN LIMITS
WORK

PROPOSED
40.15" RCP
CL. 12'
WIEND SECTION

THE WELL
FINAL PL.
THE GROUP
OBTAINED

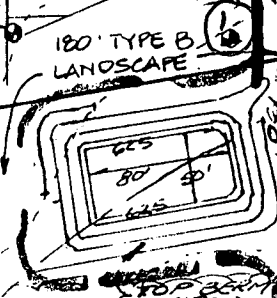
STA 1771 END OF
SHOULDER. CONSTRUCT



JAMES M. BURCHETT & WF
EX. GRAVEL DRIVEWAY
CAG
CAG

RONALD J. THOMBY & WF
SWM
17.0

Royal Hollow
Palmer Equin Sketches
Plan (Signed)

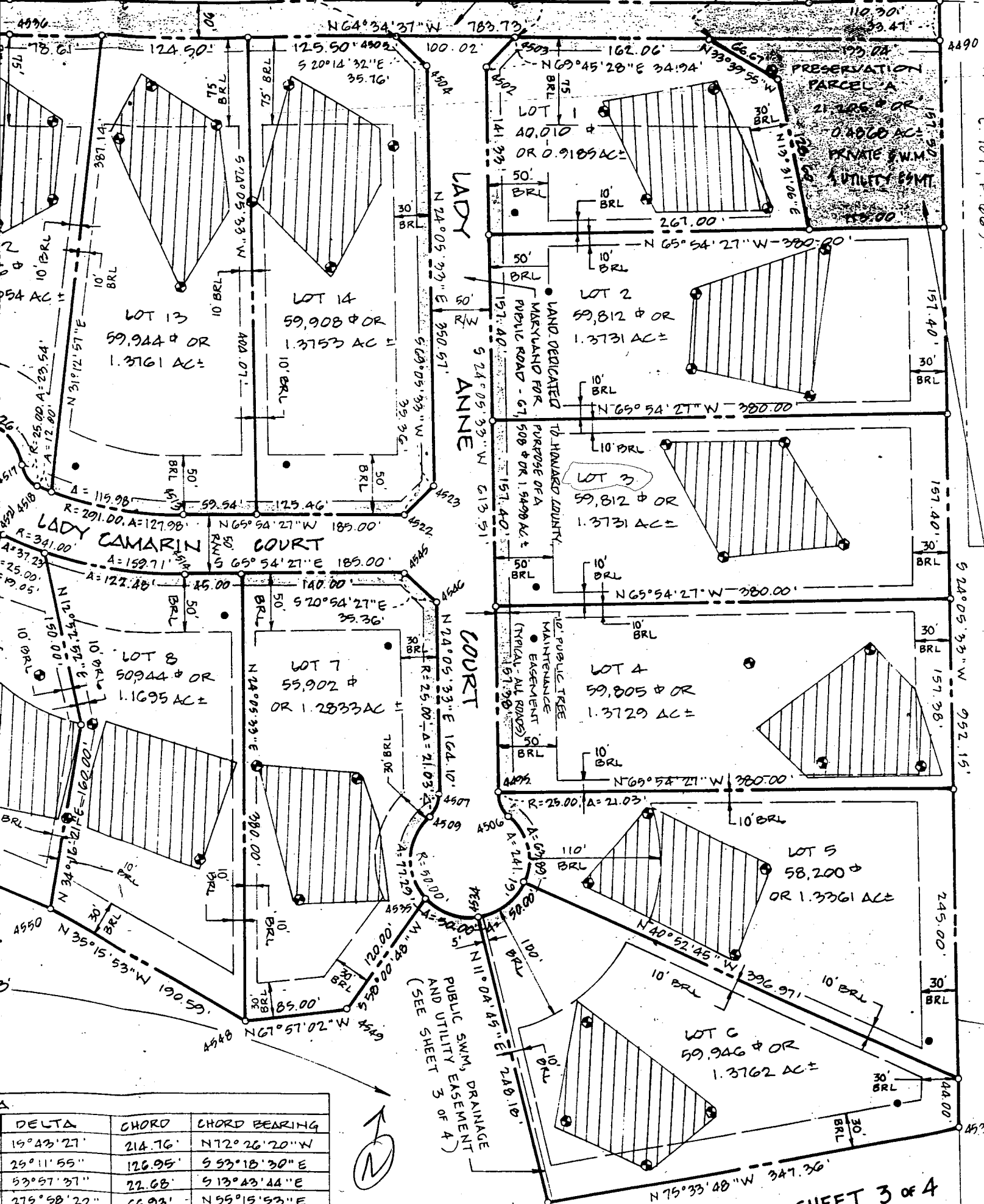


BASIN

VEHICULAR INGRESS
 RESTRICTED

60' R/W
 From Sign of *Hand Road Hole*

MARYLAND FOR PURPOSE OF A PUBLIC
 ROAD - 31.402 ± OR 0.7221 AC ±
 VEHICULAR INGRESS AND
 EGRESS RESTRICTED



DELTA	CHORD	CHORD BEARING
19°43'27"	214.76'	N72°26'20"W
25°11'55"	126.95'	S53°18'30"E
53°57'37"	22.68'	S13°43'44"E
275°58'22"	66.93'	N55°15'53"E
43°38'54"	18.59'	N60°53'51"W



SEE SHEET 3 OF 4

SEPTIC SYSTEM DESIGN DATA

1. INV. @ WALL: 651.00 (Wall Hung)
1500
2. ~~1250~~ GALLON SEPTIC TANK (5 BR) Provide Manhole to Fin. Grade
EX. GROUND OVER TANK: 652.65
FIN. GRADE OVER TANK: 654.00
INV. IN.: 650.40
INV. OUT.: 650.10
3. DISTRIBUTION BOX: (3 Outlets min.)
EX. GROUND OVER BOX: 651.65
FIN. GRADE OVER BOX: 651.65
INV. IN.: 649.15

Lot 3
59,812 sq ft
1.5498 Ac.
Plat # 12305
Zoned: RC

4. TRENCH DESIGN:
 - (A) TOP GRADE OVER TRENCH: 650.85
INV. TRENCH: 648.35
BOTTOM TRENCH: 643.35
TRENCH LENGTH: 60 FT.
 - (B) TOP GRADE OVER TRENCH: 650.40
INV. TRENCH: 647.90
BOTTOM TRENCH: 642.90
TRENCH LENGTH: 80 FT.
 - (C) TOP GRADE OVER TRENCH: 649.95
INV. TRENCH: 647.45
BOTTOM TRENCH: 642.45
TRENCH LENGTH: 100 FT.

ZONED: RC

Total linear feet of trench required 240 feet

Width of trench(es) 2.0 feet

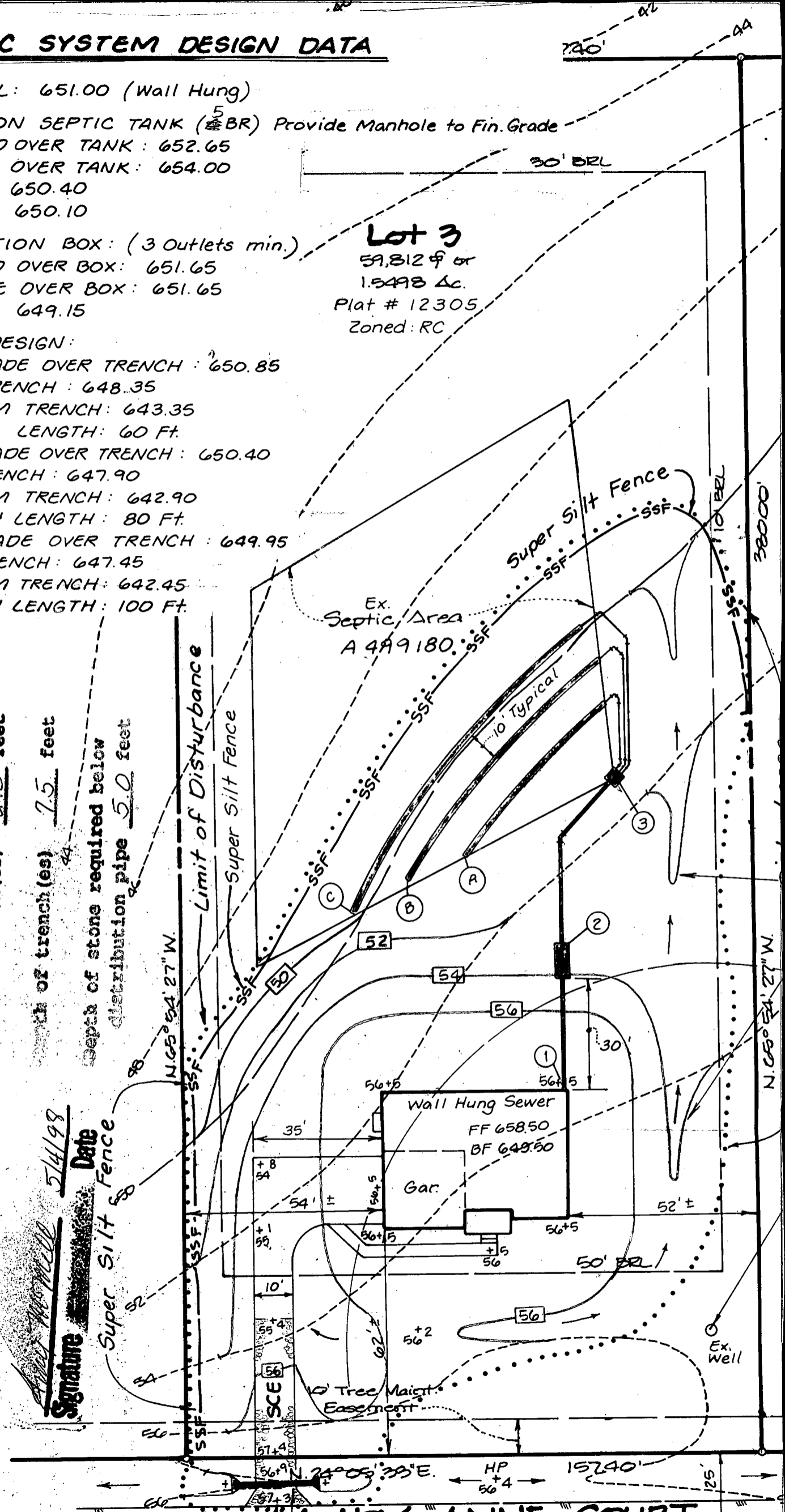
Depth of trench(es) 1.5 feet

Depth of stone required below distribution pipe 5.0 feet

Approved Septic System Plan
Howard County Health Department

Signature: [Signature] Date: 5/14/98

Super Silt Fence



Stabilized Construction LADY ANNE COURT

C1 7007

SEQUENCE NO. (MDE 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 A49918D

DATE RECEIVED 04/16/98

DATE WELL COMPLETED 03/23/98

Depth of Well 220 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-0944

OWNER Lee Development Group, STREET OR RFD Lady Anne Ct, TOWN, SUBDIVISION Royal Hollow, SECTION, LOT 3

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Topsoil, Shaley clay, Brown shale, Gray slate, Brown slate, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS 34, NO. OF POUNDS 3400, GALLONS OF WATER 170, DEPTH OF GROUT SEAL 70 ft.

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter top (main) casing 6 inch, Total depth of main casing 98 feet.

OTHER CASING (if used) table with columns for diameter and depth.

SCREEN RECORD: screen type or open hole (ST), BRASS BRONZE (BR), OPEN HOLE (HO), PLASTIC (PL), OTHER (OT).

WELL HYDROFRACTURED (Y), NUMBER OF UNSUCCESSFUL WELLS

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted to production).

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...

TYPE: MWD/MSD/MGD, DRILLERS LIC. NO. 640, DRILLERS SIGNATURE George F. Esterlitz

LIC. NO. AWD585, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

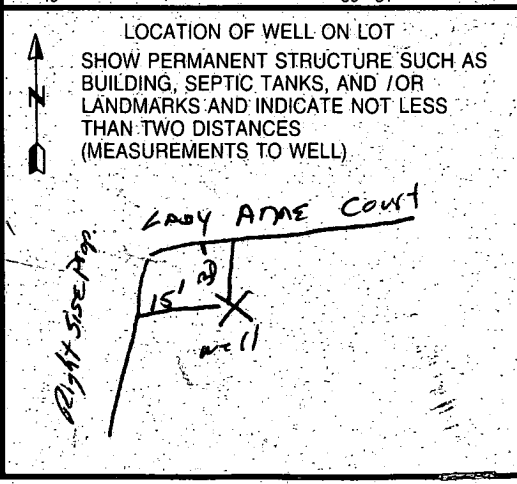
DEPTH (nearest ft.) table with columns 1-51, values: 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51. SLOT SIZE 1 DIAMETER OF SCREEN 56-60.

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 (74, 75, 76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 10.0 gal. per min., METHOD USED TO MEASURE PUMPING RATE Buchot, WATER LEVEL 50 ft. before, 99 ft. when pumping, TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+) above, (-) below LAND SURFACE 2 (nearest foot).



B 1 **3398** SEQUENCE NO. (MDE USE ONLY)

1 2 3 4 5 6 7 8
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-99-0994
 70 fill in this form completely 78

Date Received (APA) **07/3/96** OWNER INFORMATION

LEE DEVELOPMENT GRA
 15 Last Name 16 Owner 17 First Name 34

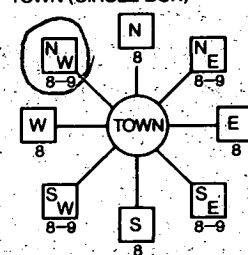
8601 GEORGIA AVE
 36 Street or RFD 55

SILVER SPRING MD 20910
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

HOWARD COUNTY
ROYAL HOLLOW SUBDIVISION
 SECTION **3** LOT **3**
LISBON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1** MI

DRILLER INFORMATION
George F. Easterday CIRCLE: MSD/MGD/MWD
Franklin Easterday, Inc. 77 License No. 80
 Office **Brown Church Rd., MT. Airy, Md. 21771**
 Address **George F. Easterday 7-30-96**
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)


LADY ANNE CT NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **40** FT OR MI **FT**
 TAX MAP: **7** BLK: **6** PARCEL **84**

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME
A49918 D COUNTY NO.
 STATE SIGNATURE **9/0/98** INSERT
 DATE ISSUED **000996** CO SIGNATURE **10/9/97** EXP. DATE
 NORTH GRID **551000** EAST GRID **0999000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

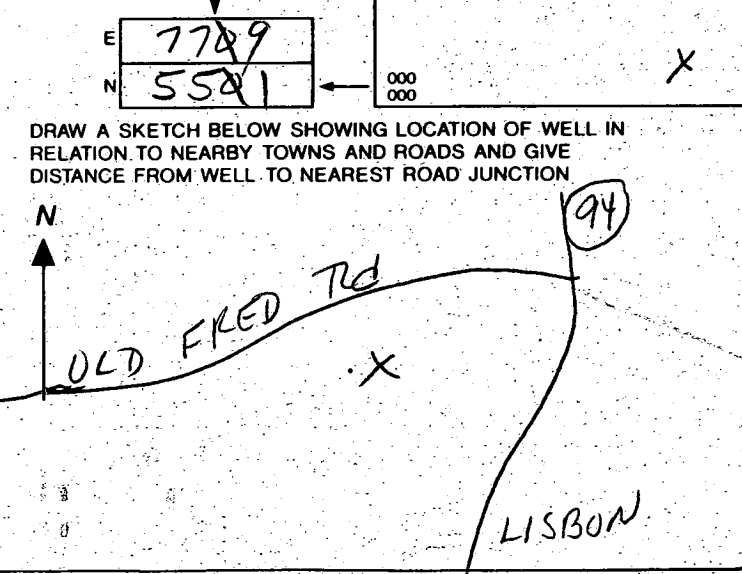
BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REverse-ROTARY DRIVE-POINT
 other _____

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) _____

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

APPROX. PERMIT NUMBER **HO99GAP016**
 FORCE **RP** WRITE INITIALS IN BOX PERMIT No. **HO-99-0994**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. wells
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE






L. FRANKLIN EASTERDAY, INC.

WELL DRILLING - TRENCHING - PUMPS & SERVICE

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

PHONE: 301-829-1640 • FAX: 301-829-2667

December 4, 1997

Craig Williams
Howard County Health Dept.
3525 Ellicott Mills Drive
Ellicott City, Md. 21043

RE: State Well Permits
Royal Hollow Subdivision

Dear Mr. Williams:

Please renew the nine following state well permits for the above referenced subdivision for another year.

Lot 2	HO-94-0943 ✓
Lot 3	HO-94-0944 ✓ extended to 10/9/98
Lot 4	HO-94-0945 ✓
Lot 5	HO-94-0965 ✓
Lot 6	HO-94-0966 ✓
Lot 9	HO-94-0962 ✓
Lot 10	HO-94-0963 ✓
Lot 11	HO-94-0964 ✓
Preservation Parcel	HO-94-0967 ✓

Please advise if this is a problem, otherwise we will consider the matter taken care of. Thank you for your prompt attention to this matter.

Very truly yours,

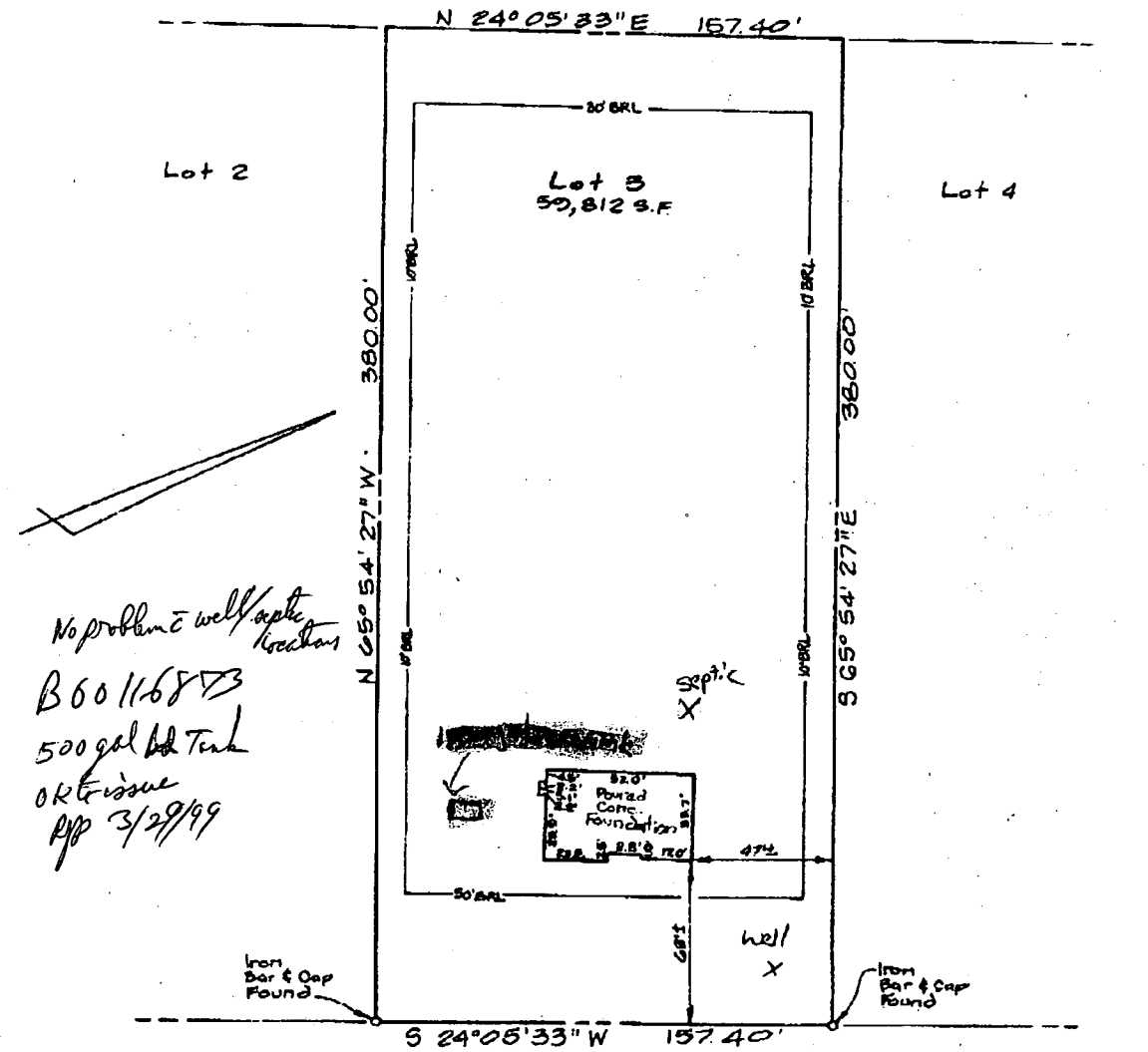
George F. Easterday
George F. Easterday, CWD/PI
Vice President
MWD 040

CFE/sve

PROPERTY KNOWN AS: Lot 3
ROYAL HOLLOW
 Lots 1-14 and Preservation Parcel 'A' & 'B'
 Fourth Election District
 Howard County, Maryland

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

Ronald J. Thomey & W.F.
 L. 707 • P. 665



No problem w/ well/septic location
 B60116873
 500 gal hot tank
 OK to issue
 RJP 3/29/99

Iron Bar & Cap Found

Iron Bar & Cap Found

Lady Anne (50' R/W) Court

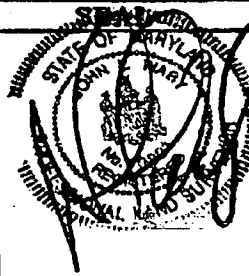
LOCATION DRAWING

CERTIFICATION

This is to certify that I have surveyed the property known as:

Lady Anne Court

The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing Only and IS NOT to be used for the Establishment of Property Lines, Location for Fences, Garages, Buildings, or other Existing or Future Improvements.



SCALE: 1"=50' DATE: 8-31-98

LDE Inc.

9250 Rumsey Road Suite 106
 Columbia, Maryland 21045

(410) 715-1070 (Balt.)
 (301) 596-3424 (Wash)
 (410) 715-9540 (Fax)

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9833

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 3-1-99

Name of Installer Cumberland ~~State~~ Co., Inc.

Telephone 301 854-6838

License Number 249
Certified Well Pump Installer _____

Well Driller _____ Registered Plumber

Name of Property Owner Cumberland Dev. Corp
Subdivision Royal Hollow Lot # 3
Site Address 909 Lady Ann Ct.

Telephone 301-854-6838

Well Tag # _____

Pump

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

Motor

- 1. Horsepower 3/4
- 2. RPM _____
- 3. Voltage _____
 - a. 110 _____
 - b. 220

Pitless Adapter

- 1. Make Cambell
- 2. Model # _____
- 3. Depth 4.5 feet

- 2. Make Myers
- 3. Model # SA372-378P
- 4. Capacity 8 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

- 1. Capacity 60 gal
- 2. Pressure relief valve? yes

Piping

- 1. Type Plastic
- 2. Size 1"
- 3. NSF and/or BOCA Code approved _____
- 4. Depth of supply line 5 ft

Well data

- 1. Depth 200 ft.
- 2. Yield 10 GPM
- 3. Static water level 160 ft.
- 4. Will water supply be disinfected by installer? yes

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: Kathy G... [Signature]

Date: 4-20-99

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

N 24°05'33" E 157.40'

Lot 2

Lot 3
59,812 S.F.

Lot 4

1.0731 AC

380.00'

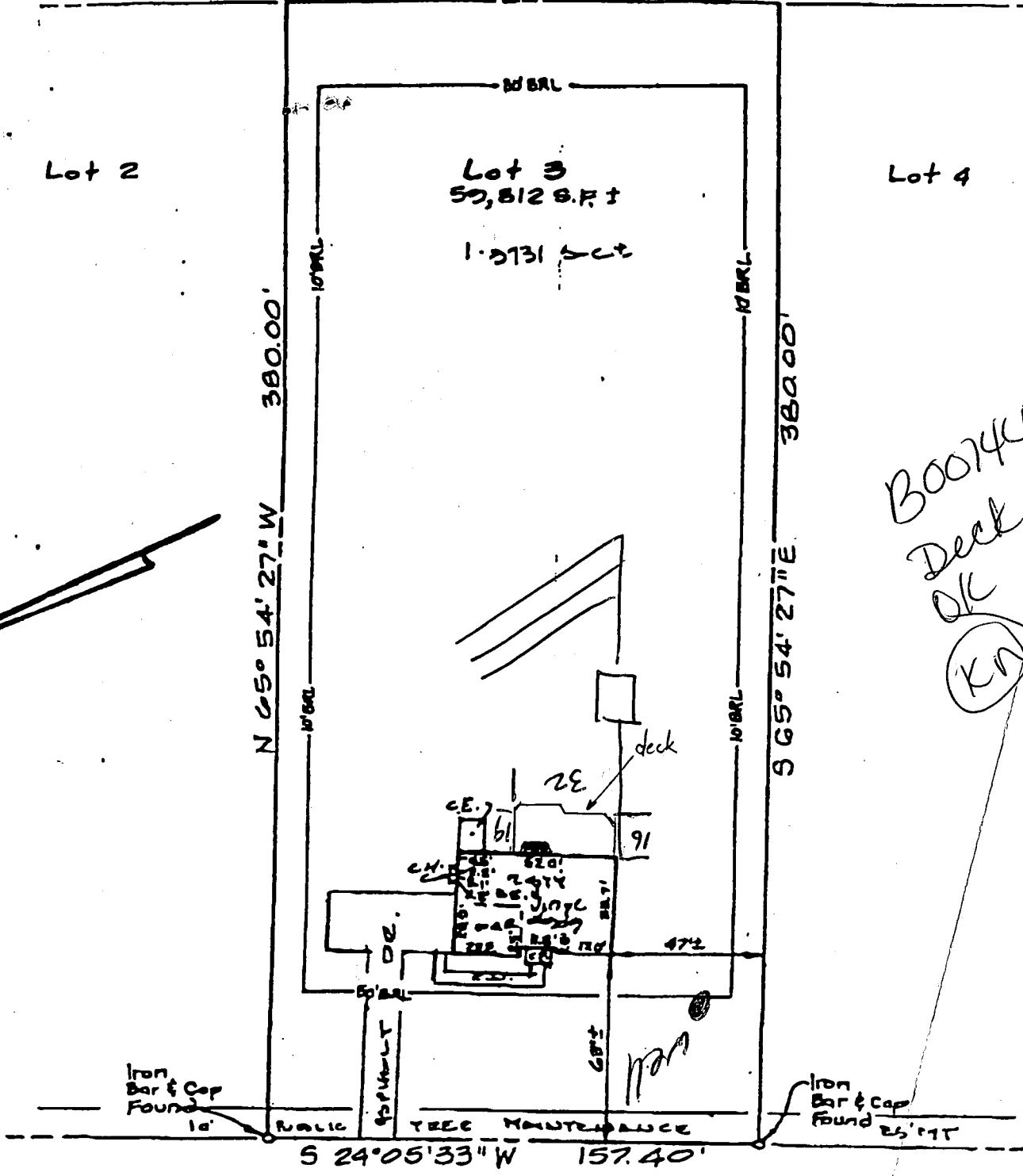
380.00'

N 65° 54' 27" W

S 65° 54' 27" E



300744129
Deck
OK
KN



Lady Anne (50' R/W) Court

TOP OF WALL ELEV. 685.95
LOCATION DRAWING

CERTIFICATION

SEAL

SCALE: 1"=50'

DATE 4.31.1997

This is to certify that I have surveyed the property known as:
#909 Lady Anne Court



LDE Inc.
9250 Rumsey Road Suite 106
Columbia, Maryland 21045

The information shown has been established by current acceptable survey procedures and from available record information. This drawing