

9/30/97
late m.
10/1/97
am c.o.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~X4819023~~ 313-2640

INDEXED
04-358864

P 58980

A 49918-L

DISTRICT 4th

DATE 9/17/97

DATE SYSTEM APPROVED 10/1/97

INSPECTOR [Signature]

Kelly Cumberland IS PERMITTED TO INSTALL X ALTER

ADDRESS 16391 A.E. Mullinix Road Woodbine, MD 21797 PHONE (301) 854-6838

SUBDIVISION Royal Hollow LOT 12 ROAD 16008 Lady Camarin Court

PROPERTY OWNER Gurtis Cumberland CHARLES PLUNKLEY

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

**SEWER PERMITS SIGNED
AND REVENUE 5-12-99**

*Serial # B70117896
deck*

TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 60 feet from the left (320') lot line as measured from a point on that lot line and 205 feet from the front lot line on Lady Camarin Court. Install trenches on contour in both directions away from Distribution Box.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.
ok km6/4/97

PLANS APPROVED BY Ronald J. Pinkley/Amy McMillen DATE 05/02/97

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

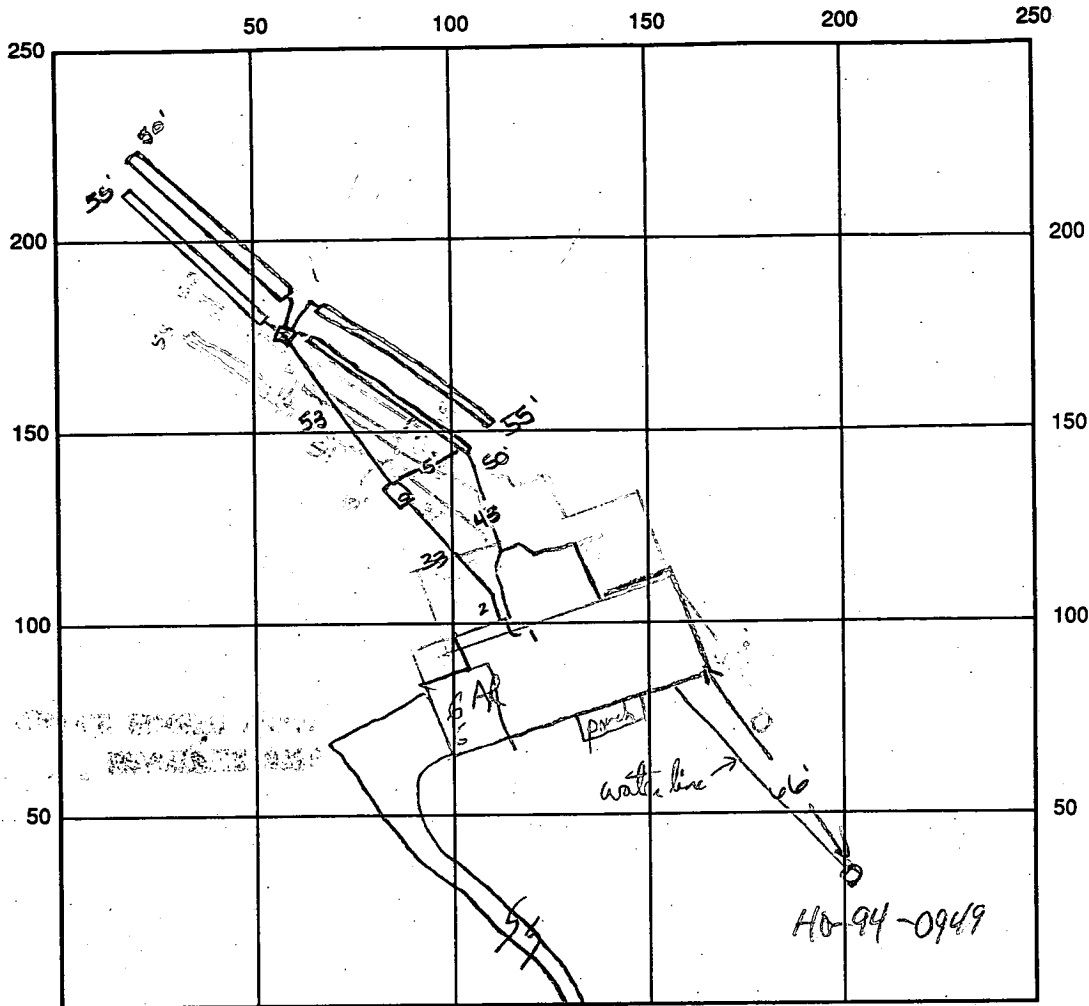
PERMIT VOID AFTER TWO YEARS

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
49918-L



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

LADY CAMERON CT.

SEPTIC TANK LEVEL OK 1250 gal

CLEANOUTS OK (5 Total)

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 7.5 FT.

TRENCH WIDTH 2.0 FT.

INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 4 FT.

TOTAL LENGTH 210 FT.

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 9/30/97 OK to stone all trenches ALMA Home connection already done.

10/1/97 OK to Core next of system RPP

WPF - Curtis Cumberland said they already saw well line connection - already covered RPP 10/1/97

DATE SYSTEM APPROVED 10/1/97

INSPECTOR RPP

C1 7851

SEQUENCE NO. (MDE 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

A 49918 L

ST/CO USE ONLY DATE RECEIVED

050597

DATE WELL COMPLETED

041897

Depth of Well

400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

H0-94-0949

OWNER: Lee Development Group, STREET OR RFD: Royal Hollow, TOWN: , SUBDIVISION: , SECTION: , LOT: 12

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. Rows include: top soil 0-2, Shale 2-105, Brown slate 105-130, Blue slate 130-150, Brown slate 150-165, Blue slate 165-275, Brown slate 275-280, Blue slate 280-400.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (Cement CM, Bentonite Clay BC), NO. OF BAGS 48, NO. OF POUNDS 4800, GALLONS OF WATER 240, DEPTH OF GROUT SEAL from 0 to 70 ft.

CASING RECORD

MAIN CASING TYPE: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). Nominal diameter top (main) casing: 6 inch, Total depth of main casing: 120 feet.

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

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

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: Y (yes), N (no)

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), 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...

TYPE: MWD/MSD/MGD, DRILLERS LIC. NO.: 040

DRILLERS SIGNATURE: George F. Esterling

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION), LIC. NO.: 481

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

DEPTH (nearest ft.) table with rows for casing sections and slot size/diameter of screen.

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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

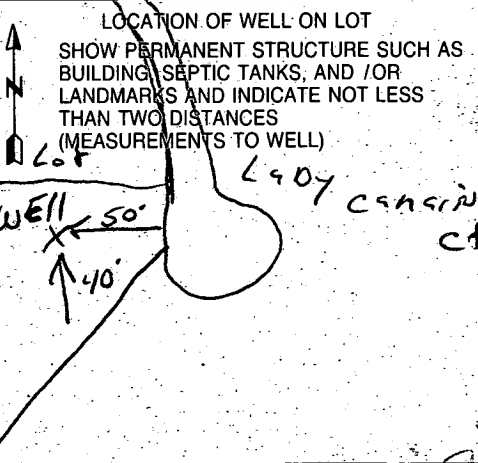
C 3

PUMPING TEST

HOURS PUMPED (nearest hour): 3, PUMPING RATE (gal. per min.): 4.0, METHOD USED TO MEASURE PUMPING RATE: Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING: 47 ft., WHEN PUMPING: 185 ft., TYPE OF PUMP USED (for test): S (submersible)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO): NO, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, 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, LAND SURFACE (nearest foot): 2



B 1 **9010**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO 94 - 0949

fill in this form completely

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

Date Received (APA)

07 31 96

OWNER INFORMATION

Lee Development Group

8601 Georgia Ave

SILVER SPRING MD 20910

B 3

LOCATION OF WELL

HOWARD

ROYAL Hollow

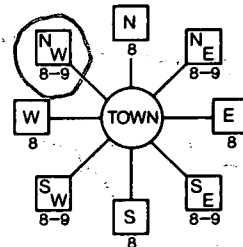
LOT 12

LISBON

MILES FROM TOWN (enter 0 if in town) **1** M I

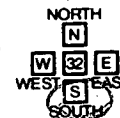
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



LADY CAMARIN CT

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



25 FT DISTANCE FROM ROAD

TAX MAP: **7** BLK: **6** PARCEL **84**

DRILLER INFORMATION

George F. Easterday M **D 40**

Franklin Easterday, Inc.

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

George F. Easterday **7-30-96**

WELL INFORMATION

APPROX. PUMPING RATE **5**

AVERAGE DAILY QUANTITY NEEDED **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 APPROVAL)
- TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME **MT 9918 L** COUNTY NO.

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED **10/15/96** CO SIGNATURE **Randall** EXP. DATE **10/15/96**

NORTH GRID **551 000** EAST GRID **0779 000**

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

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52

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

APPROP. PERMIT NUMBER **HO 94 GAP 016**

FORCE **RP** WRITE INITIALS IN BOX PERMIT No. **HO - 94 - 0949**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

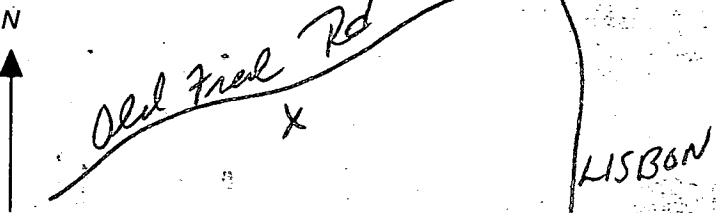
SOURCES OF DRILLING WATER

- 1. **WELLS**
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 770 9
N 550 1

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



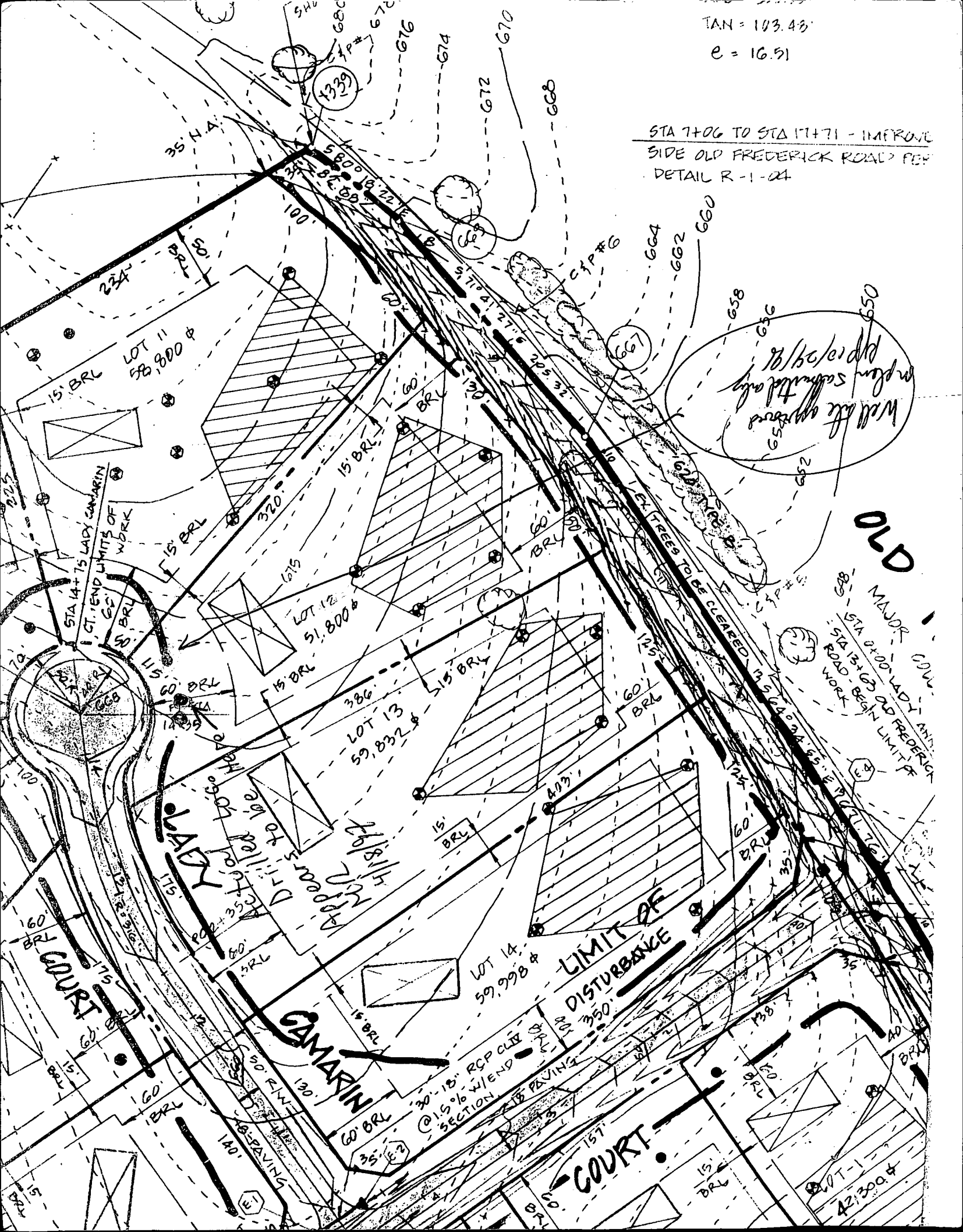
4/18/97 8:00
GROUT OK NOT OBS'D FROM SITE LOC ~35' ON PLAN, BUT TAG OK

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

TAN = 103.43'
e = 16.91

STA 7+06 TO STA 17+71 - IMPROVE
SIDE OLD FREDERICK ROAD PER
DETAIL R-1-24



Will be approved
in plan submitted only
655
656
658

OLD

MAJOR
STA 0+00 LADY ANNE
STA 13+63 OLD FREDERICK
ROAD - BEGIN LIMIT OF
WORK

LIMIT OF
DISTURBANCE

COURT

CAMARIN

COURT

30" - 18" RCP CURB
@ 15% W/END
SECTION
15' BRL
35'

LOT 1
42,300 ±

APPLICATION

PERCOLATION TESTING

A 499/84

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 MISSLER FARM JOINT VENTURE c/o LDG INC Curtis Cumberland

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. 12

ROAD AND DESCRIPTION OLD FREDERICK RD. & WOODBINE RD. (16008 Lady Camarin Court)

TAX MAP 7 PARCEL # 84

BLDG. PERMIT SIGNED

AND RETURNED 6-2-97
Seal# B0105879

SIZE OF LOT 1 AC ± TYPE BLDG. SFD - 4 Bedroom
(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.

Thos J. ... 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

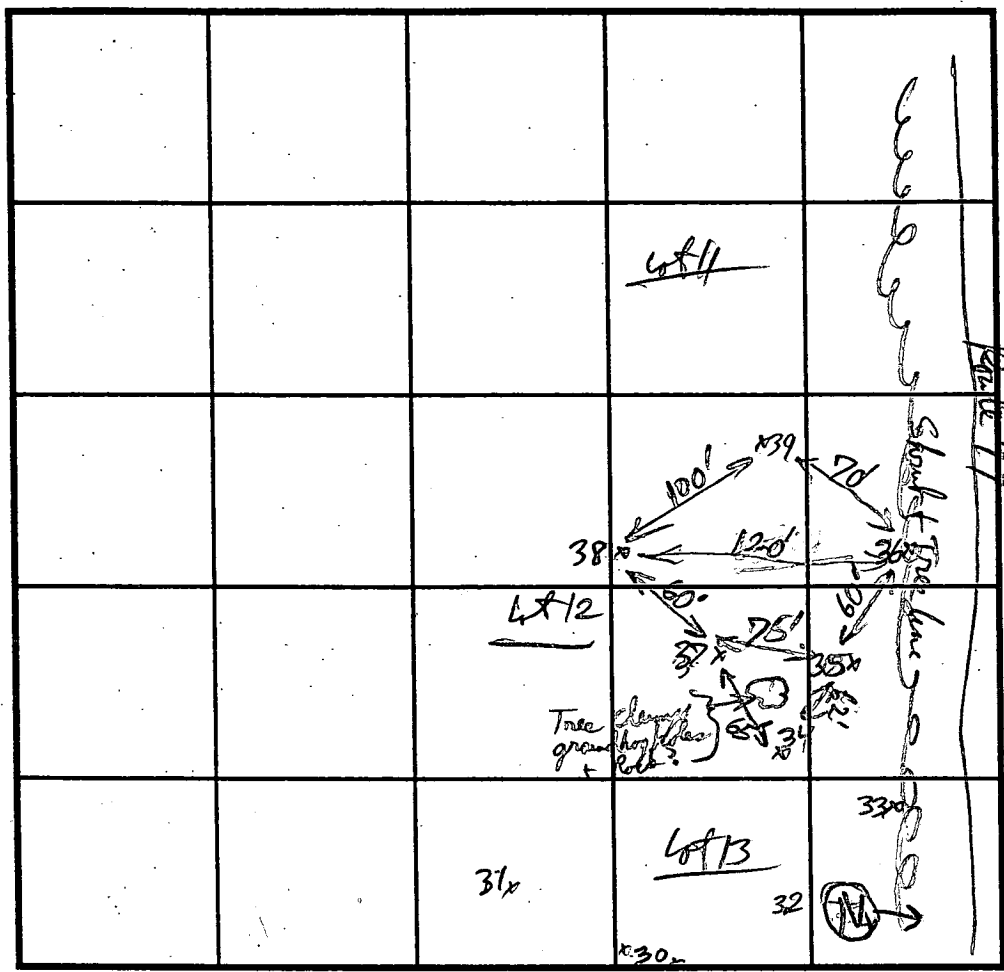
lot 12

499181
COUNTY #

SOIL PROFILE

0' 36
Yel Brn
SICL-hsL
(Opal
#28)
2 1/2 - 4'
Yel Red
SIL-L
7.5YR 6/6
(ex mica)
210%
str separate

12
38, 39, 35, 37
Yel Red
hL-L
1/2
Yel + hL Brn
Ltron
(ex mica)
5'
olive Brn
SL
(ex mica)
8'
Reddish
to weathered brn
FSL
(ex mica)
25% soft
str mica separate
12'



SOIL PROFILE

0'

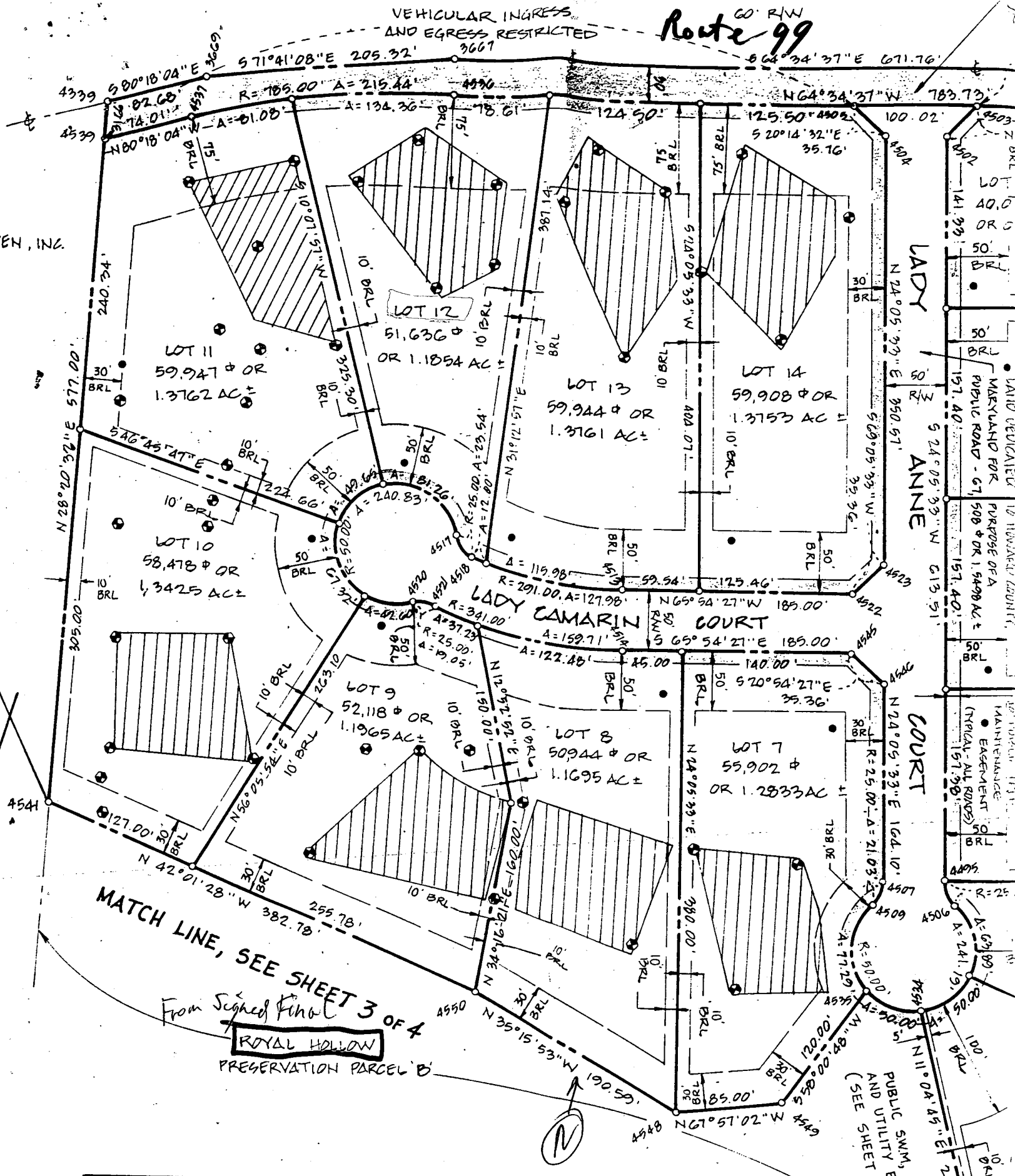
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	37	4'	1:04:00	1:06:20	1:06:20	1:10:30	4 min
		1/2 8'	1:04:00	1:10:30	1:10:30	1:18:30	8 min
	35	4'	12:59:00	1:03:00	1:03:00	1:11:00	8 min
		1/2 8 1/2'	12:59:00	1:06:00	1:06:00	1:19:20	13 1/2 min
	38	3 1/2'	1:12:30	1:16:40	1:16:40	1:23:00	6 1/2 min
		1/2 8 1/2'	1:13:00	Missed	1:30:20	1:35:00	15 min
	36	3 1/2'	1:21:00	1:27:00	1:27:00	1:37:00	13 min
		1/2 8'	1:21:20	1:37:20	1:37:20	1:58:00	21 min
	39	3 1/2'	1:22:00	Missed		1:28:00	3 min
		1/2 8 1/2'	1:22:30	1:26:00	1:26:00	1:40:30	14 min

REMARKS _____
 TYPE OF SOIL aa Gleadz
 TESTED BY R. Williams ALSO PRESENT Diagram of Area with
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 11 min TRENCH WIDTH 12
 INLET DEPTH 2 1/2 MAXIMUM BOTTOM DEPTH 7 1/2 SQ. FT./BEDROOM 210

60' R/W
Route 99

VEHICULAR INGRESS AND EGRESS RESTRICTED



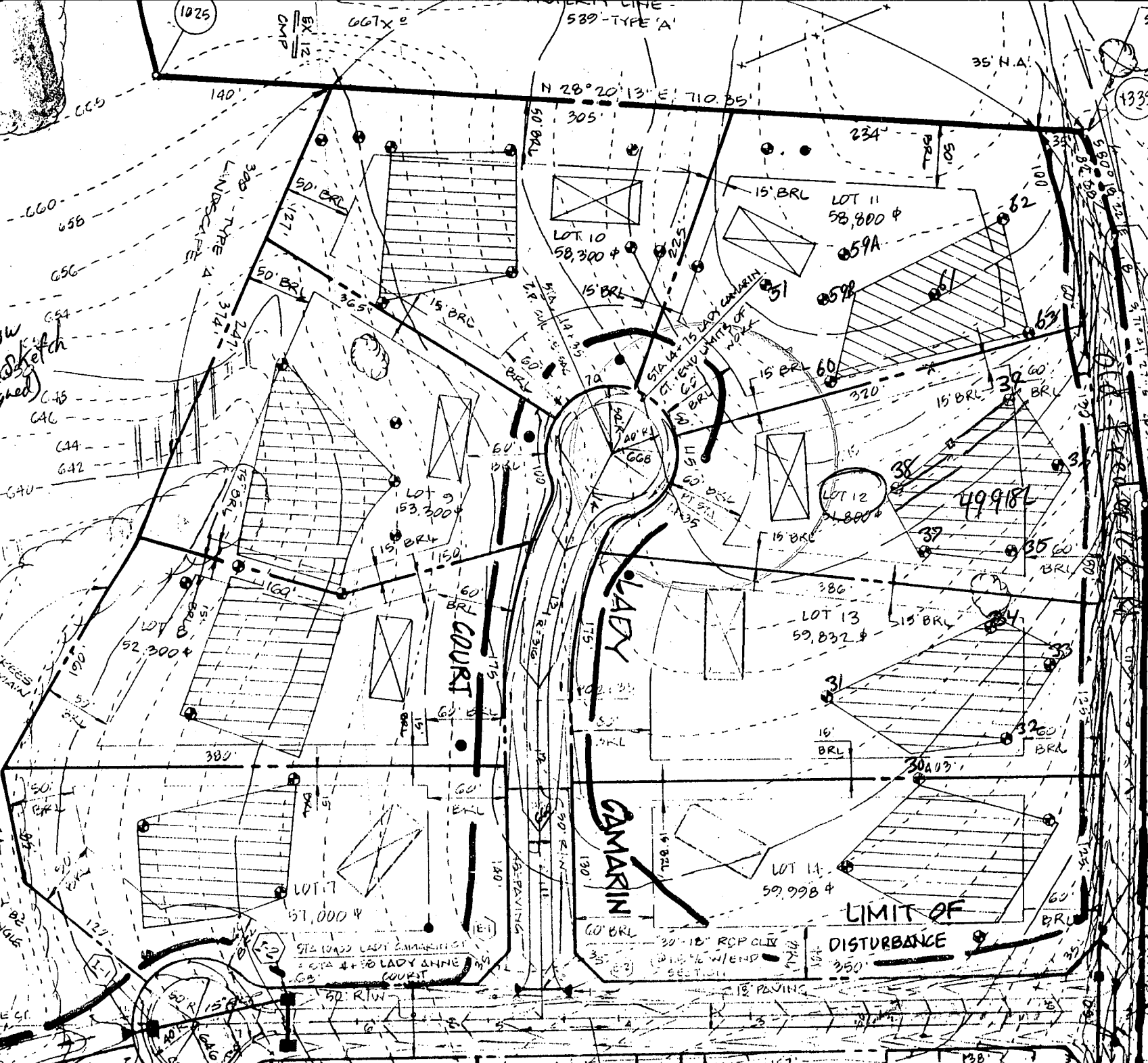
MATCH LINE, SEE SHEET 3 OF 4
From Signed Final
ROYAL HOLLOW
PRESERVATION PARCEL 'B'

CURVE DATA

PT. - PT.	RADIUS	ARC	TAN.	DELTA	CHORD	CHORD BEARING
4537 - 4536	785.00'	215.44'	108.40'	19°43'27"	214.76'	N72°26'20"W
4513 - 4518	291.00'	127.98'	63.04'	29°11'55"	126.95'	S53°18'30"E
4518 - 4517	25.00'	23.54'	12.73'	53°57'37"	22.68'	S13°43'44"E
4517 - 4520	50.00'	240.83'	∞	275°58'22"	66.93'	N55°15'53"E

PUBLIC SWM, DRAINAGE AND UTILITY EASEMENT (SEE SHEET 3 OF 4)

Royal Hollow
Prelim Equiv. Sketch
Plan (signed)



NOTE: SELECTIVE
CLEARING OF TREES MAY BE
NECESSARY TO BUILD A SINGLE
USE DRIVEWAY.

THE LADY ANNE ST.
LIMITS OF WORK

EXIST. TREES TO BE CLEARED IN S.W. QUARTER 35' E. 1/4 SEC. 16
G.O. TYPE 'B'
ROAD - BEAR LIMIT OF
WORK

LADY ANNE COURT

Property known as: **LOT 12**

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

ROYAL HOLLOW
LOTS 1-14 AND PRESERVATION PARCEL "A & B"
PLAT # 12305
4TH ELECTION DISTRICT
HOWARD COUNTY
MARYLAND

Boundary Survey
(more detailed than loc. Surv.)

OLD FREDERICK ROAD

LOT 11

LOT 7

LOT 13

LOT 12
51,636 Sq. Ft.
1.1854 ACRES

Bruce Lee (301) 585-7000
LDB Incorporated
Developer who did HR
that directed by Ida
(Cumberland Co) to correct
encroachment. This was
completed in JAN 99.
Lot
11

Builder
Curtis Kelly Cumberland
4/7/99: Spoke w Kelly Cumberland
who actually cut driveway in JAN 99
& felt sorry it was 6" of required &
willing to cut more if needed.

B00118898 (Deck)
well and septic
are far enough
from proposed deck.
No Conflict
Recommend Approval

- ① P.O.L TACKSET
- ② IRON BARSET
- ③ IRON BAR FOUND

LADY CAMA
COURT
50' R/L

FIRST FLOOR ELEV.
677.95

