

3/31/97
a.m.c.o.
4/28/97
Anytime

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX-9983~~ 313-2640

INDEXED

4-28-97 house conn. made
Needs House Connection

P 57687

A 48640

DISTRICT 4th

DATE 7/20/97

DATE SYSTEM APPROVED 4-28-97

INSPECTOR KM

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Gwyndyl Oak Estates LOT 17 ROAD 2800 Rustic Manor Court

PROPERTY OWNER NV Homes

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 195 feet up the left lot line (332.36') and 20 feet off that same lot line when facing the lot from Rustic Manor Court. Run trenches on contour toward the right lot line.

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

OK / 10/21/96

BLDG. PERMIT SIGNED
AND RETURNED 4/23/97
Serial # B10105000
propane tank

PLANS APPROVED BY Amy McMillen

DATE 12/13/94

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

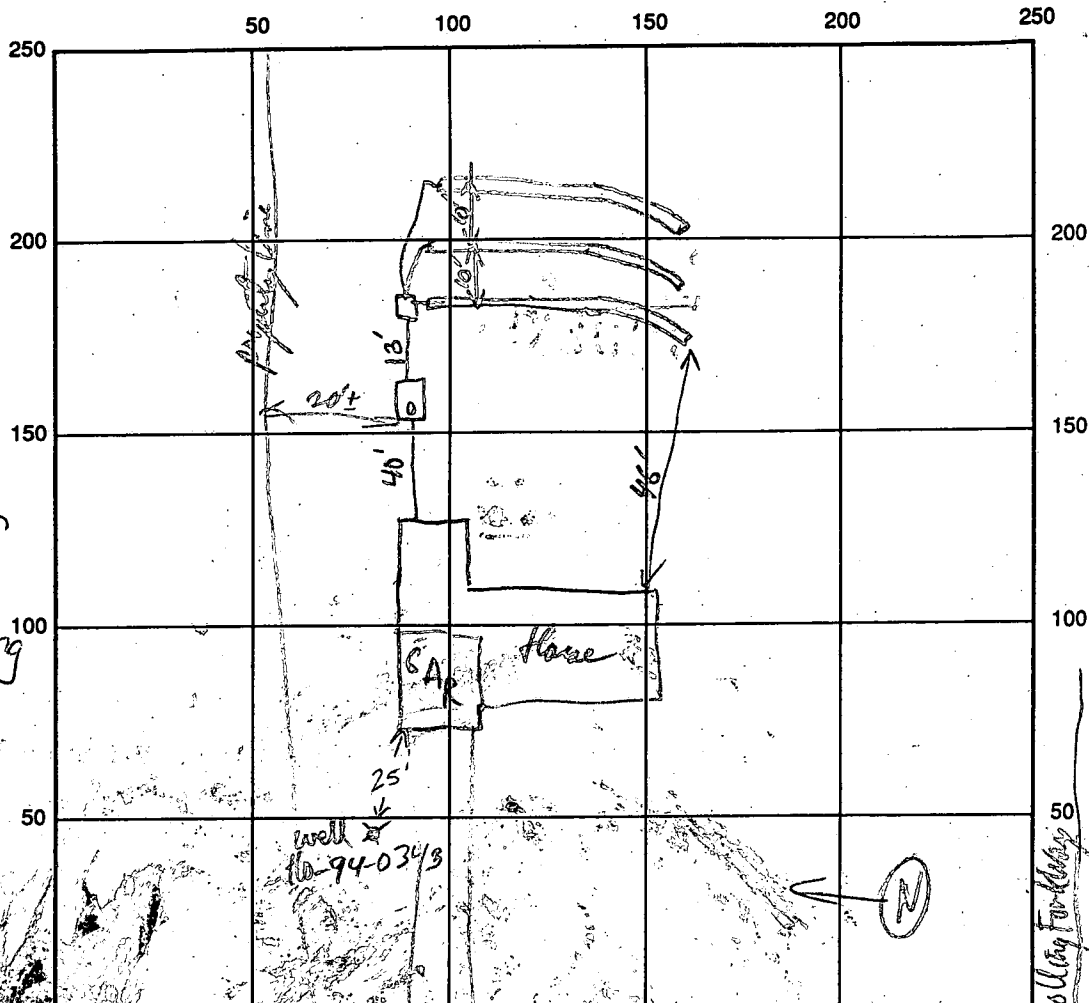
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 3/19/97
Serial # B10104290
propane tank

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

Well only 25' from house had been previously approved on signed building permit. (KM)



SEPTIC TANK LEVEL 5' x 8' x 6' (old) area

CLEANOUTS _____

DISTRIBUTION BOX LEVEL on line w/ tank

DRAIN FIELD/TITLE DEPTH 8 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT.

TOTAL LENGTH 70' 0" / 70' FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS:

Truck ok to cover, Need to break feeder pipe Distribution box and connect seal around pipe to break in dist box. S.T. OK to cover, Need House connection

4-10-97 W.P.I. ok to cover well line

P.A. 4.5' below grade, casing 1.5' above grade, has a 2 piece water tight cap KM

4-28-97 house conn. made ok to cover KM

DATE SYSTEM APPROVED 4-28-97

INSPECTOR Kimberly Maister

APPLICATION

PERCOLATION TESTING

A 48640
P _____

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

DISTRICT _____

DATE 10-22-92

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 PETTIT & GRIFFIN INC. NV HOMES

ADDRESS 18205-D FLOWER HILL WAY PHONE (301) 975-1020
GAITHERSBURG MARYLAND 20879

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Mckendree Estates LOT NO. 45 NEW 18

ROAD AND DESCRIPTION Mckendree Road (2800 Rustic MANOR Ct.) 9/16/93

TAX MAP 14 PARCEL # 123
SIZE OF LOT 40,000# - 60,000# TYPE BLDG. SINGLE FAMILY DWELLING - 4Bm
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED 10/18/96

Sealth # B702083

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. Zacharia y. Fisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS 11/16/92 Per OK Hold for Red R/H

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

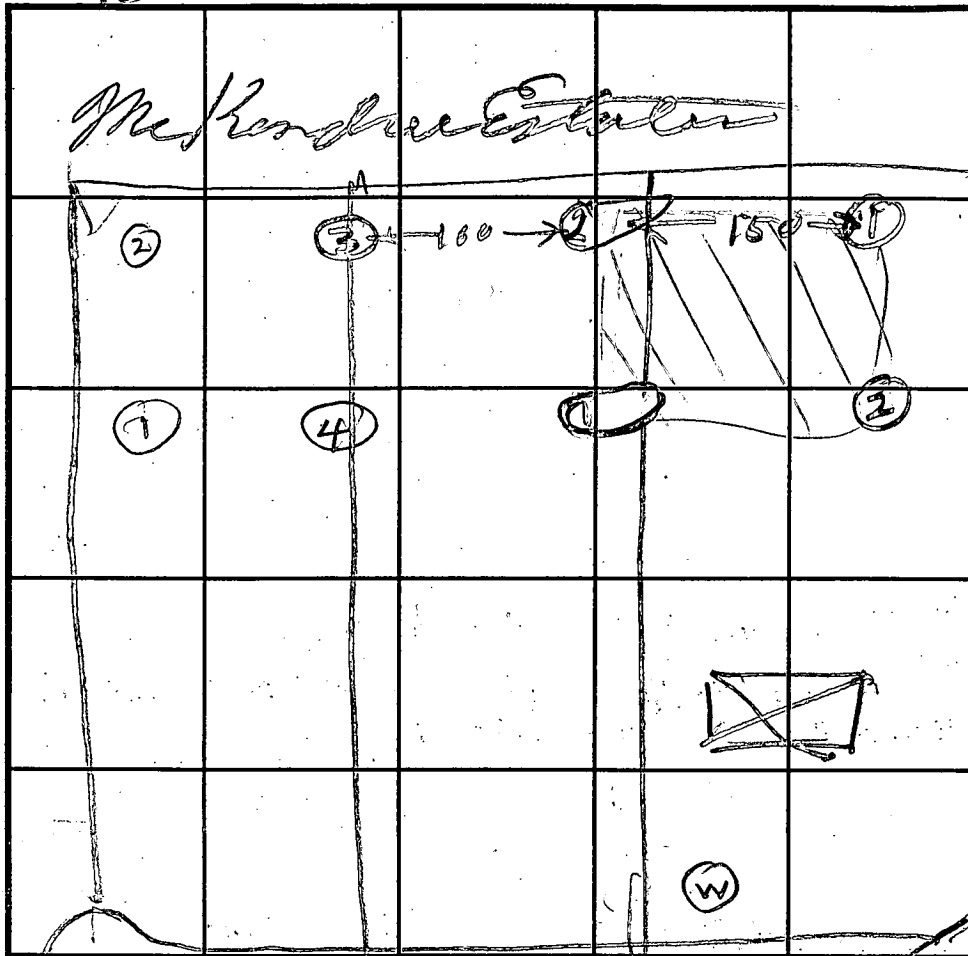
48640

Lot 15

COUNTY #

SOIL PROFILE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/16/92	13	5.5	1119	1122	1120	1138	10
11/16/92	21	5.5	OK				
	14	12	OK				
11/16/92	24	12	OK				

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

TOP SOIL
PINK
BROWN
SAND
LOAM

TOP SOIL
PINK
BROWN
SAND
LOAM

TOP SOIL
PINK
BROWN
SAND
LOAM

C1 3531

SEQUENCE NO.
(DENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER A 48640ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

8 13

031395

Depth of Well
22 140 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-94-0343

28 29 30 31 32 33 34 35 36 37

OWNER PETTIT & GRIFFIN INC.
STREET OR RFD last name RUSTIC MANOR COURT first name TOWN GLENWOOD
SUBDIVISION GWYNDYL OAK EST. SECTION LOT 17

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	
soft brown dirt	0	14	
med hard tan rock	14	25	
hard tan/gray rock	25	37	
med hard tan rock	37	46	
hard tan rock	46	49	
soft brown rock	49	51	X
med hard tan rock	51	52	
hard tan rock	52	54	
med hard tan rock	54	55	X
hard gray rock	55	119	
med hard tan rock	119	120	X
hard gray rock	120	140	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes
Y
no
N

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS 700

GALLONS OF WATER 42

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 26 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below
ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN CASING TYPE Nominal diameter
top (main) casing
(nearest inch) Total depth
of main casing
(nearest foot)

P L 6 27

OTHER CASING (if used)

diameter
inch depth (feet)
from toscreen type
or open holeinsert
appropriate
code
below
ST BR HO
STEEL BRASS OPEN
HOLE
PL OT
PLASTIC OTHER

C2

DEPTH (nearest ft.)

H 0 26 140

SLOT 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

COUNTY

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.
to nearest gal.) 13

METHOD USED TO MEASURE PUMPING RATE timer

WATER LEVEL (distance from land surface)

BEFORE PUMPING 21

WHEN PUMPING 22

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

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

1 (nearest foot)

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)

50' FPL

35' LPL

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY
WHERE SATURATED FRACTURES WERE OBSERVEDWELL HYDROFRACTURED yes no
Y NCIRCLE 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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO. 304

David Kelly

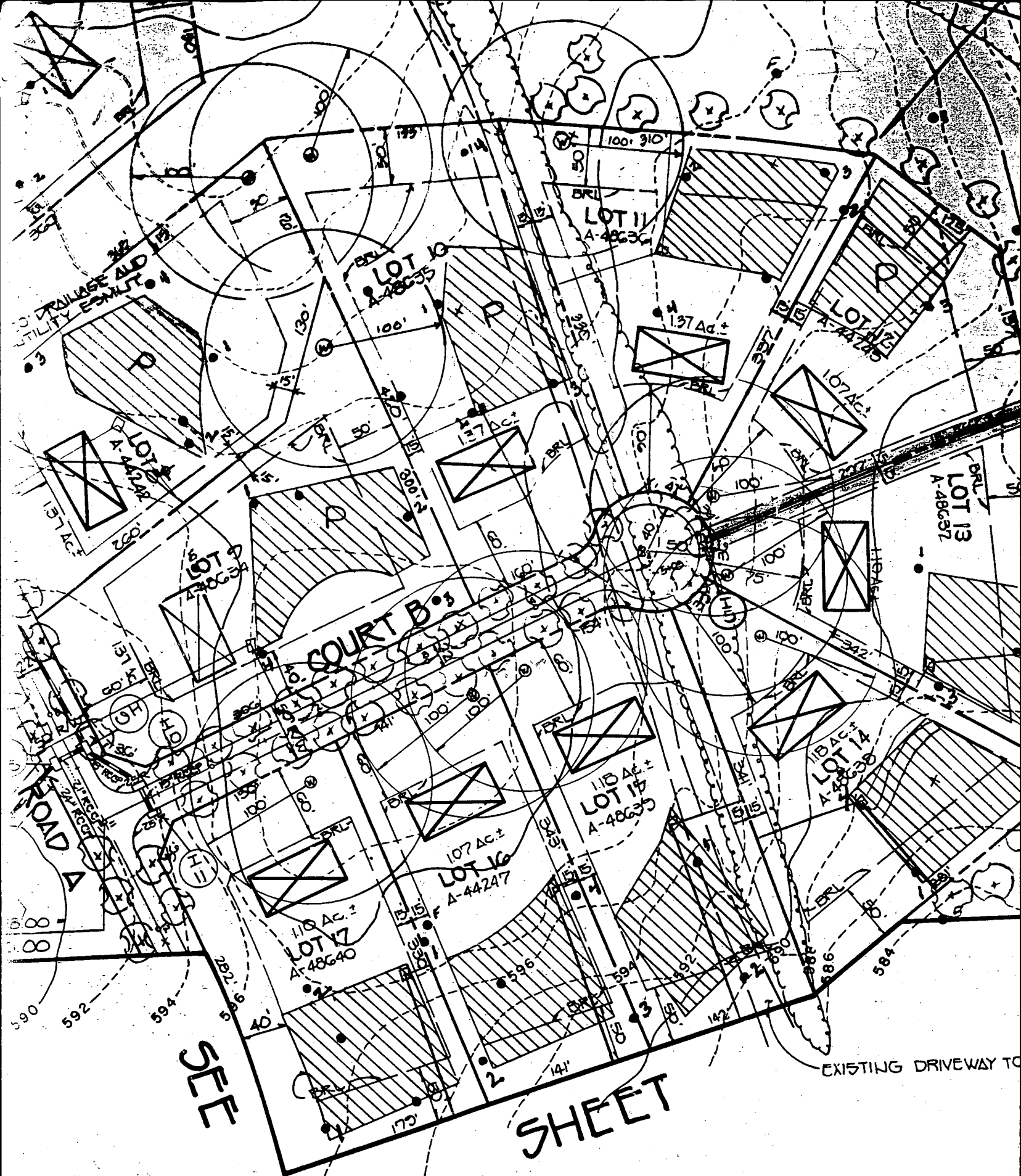
DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

Harvey W. Knapp

SITE SUPERVISOR (sign of driller or journeyman

responsible for sitework if different from permittee)



SEE

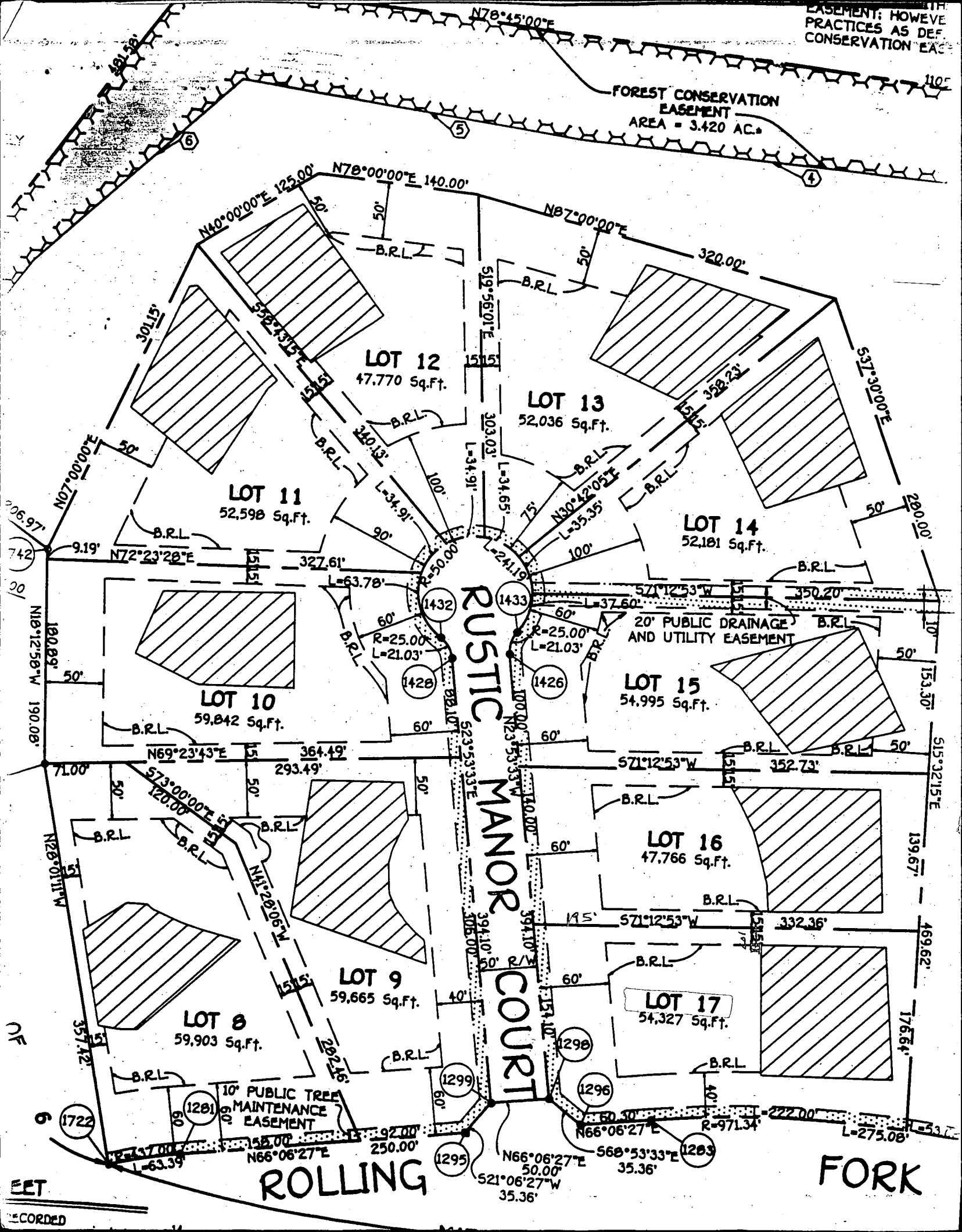
SHEET

Preliminary Plan
SP 93-15

WHEELER DE

WITH EASEMENT: HOWEVER PRACTICES AS DEF. CONSERVATION EAC

FOREST CONSERVATION EASEMENT
AREA = 3.420 AC.



Notes:

1. Lot shown contains 54,327 s.f. of land and recorded at plat # 11550 among the Land Records of Howard County, Maryland.
2. Prepared by Gutschick, Little and Weber, P.A.
3. Grading around house may vary due to field conditions.
4. No construction stockpiling refuse or excess material shall be buried in septic easement.
5. Well is field located.
6. Install sediment controls as required by Site Inspector.
7. Disturbed area shown is 26,600 s.f.
8. Pile excavated material on high side of trench when installing septic field prior to disposal of excess material.
9. Length of trench for septic system to be determined and specified by Howard County Department of Health.

SEPTIC SYSTEM DATA:

BASEMENT FLOOR AREA = 596.3'
 INV. OUT OF HOUSE = 595.65' 594.75
 INV. IN AT SEPTIC TANK = 595.25' 594.35
 INV. OUT AT SEPTIC TANK = 595.0' 594.10
 EX. ELEV. AT SEPTIC TANK = 599.8' 598.9
 PROP. ELEV. AT SEPTIC TANK = 599.70' 598.8
 INV. IN AT DIST. BOX = 594.30' 593.4
 EX. ELEV. AT DIST. BOX = 598.5' 597.4

LOT 17

GWYNDYL OAK ESTATES

4th ELEC. DIST. HOWARD CO., MD

October 11, 1996 1"=50'

Approved Septic System Plan
 Howard County Health Department

Signature

Date

