

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

INDEXED

DATE SYSTEM APPROVED 12-13-95

INSPECTOR DKS

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Gwyndyl Oak Estates LOT 10 ROAD 2809 Rustic Manor Court

PROPERTY OWNER NV Homes East Division

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

1000 gallons pump chamber

Pump system only

Septic contractor is to supply pump information prior to septic permit issuance.

Septic pump test is to be performed prior to approval of septic system.

TRENCHES - Trench to be 2' wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 270 feet up the left lot line (364.49) and 80 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. 8-21-95 OK An

PLANS APPROVED BY Amy McMillen/Glen Savage DATE 12/8/94, 8/16/95

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**

10/27/95 Needs pump system check
DONE
DKS

P 50893

A 48635

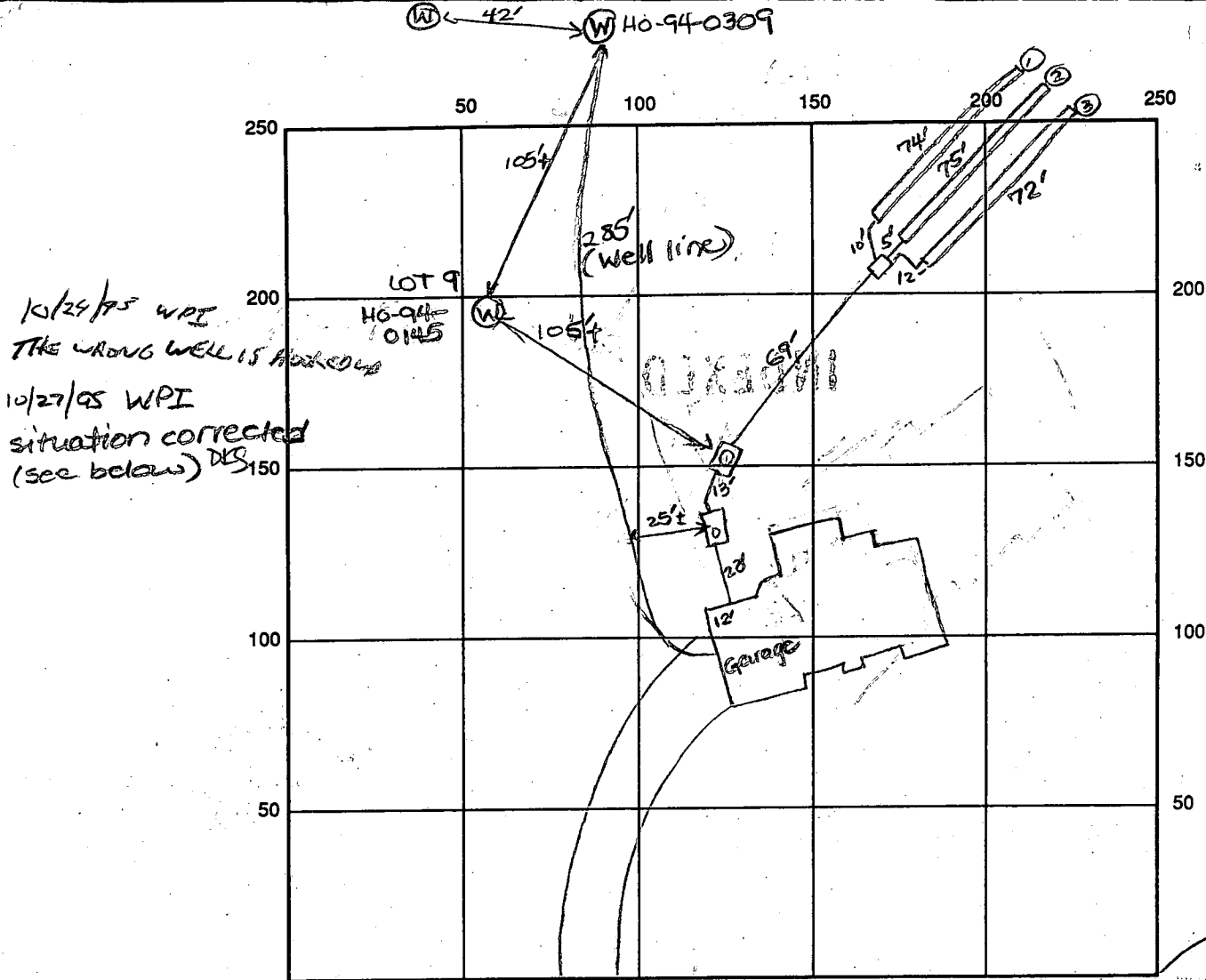
DISTRICT 4th

DATE 9-22-95

INSPECTOR DKS

B00123120
DECK 4/13/00

A 48635



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Rustic Manor Et.

SEPTIC TANK LEVEL OK-1250 gal s.t., 1000 pump CLEANOUTS one on s.t., manhole on pump pit

DISTRIBUTION BOX LEVEL OK - baffle in pit

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 74' 75' 72' → 211' total

NUMBER OF TRENCHES 3 ONE SIDEWALL ~~AREA~~ AREA 844 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 844 SQ. FT.

REMARKS: 10/27/95 p.m. OK to stone trenches and continue. DKS

10/27/95 later p.m. OK to cover all septic work. Needs pump system check. DKS

12/13/95 FINAL - pump operating properly. DKS

10/24/95 WPI - wrong well hooked up (per GS).

10/27/95 WPI - correct well now hooked up - line prev. hooked

DATE SYSTEM APPROVED 12/13/95 INSPECTOR DKS

up to house was cut at well (H0-94-0145) and pitless adapter was capped. Feezer rep at site. DKS

APPLICATION

PERCOLATION TESTING

A 48635

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 RETTIT & GRIFFIN INC. NV Homes East Division

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. 8 NEW # (9/16/93)

ROAD AND DESCRIPTION McKendree Road (2809 Rustic Manor Court)

TAX MAP 14 PARCEL # 123

SIZE OF LOT 40,000^{sq} - 60,000^{sq} TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

S.F.D. - 4 bldg.
BLDG. PERMIT SIGNED
AND RETURNED 8-16-95
Serial # 61195

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 11/13/92 Perc OK But Recommend Visual to be

REASONS FOR REJECTION OR HOLDING in Wet Season Because Perc Area is higher

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # than House & History of underground water DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

48635 L.t 10

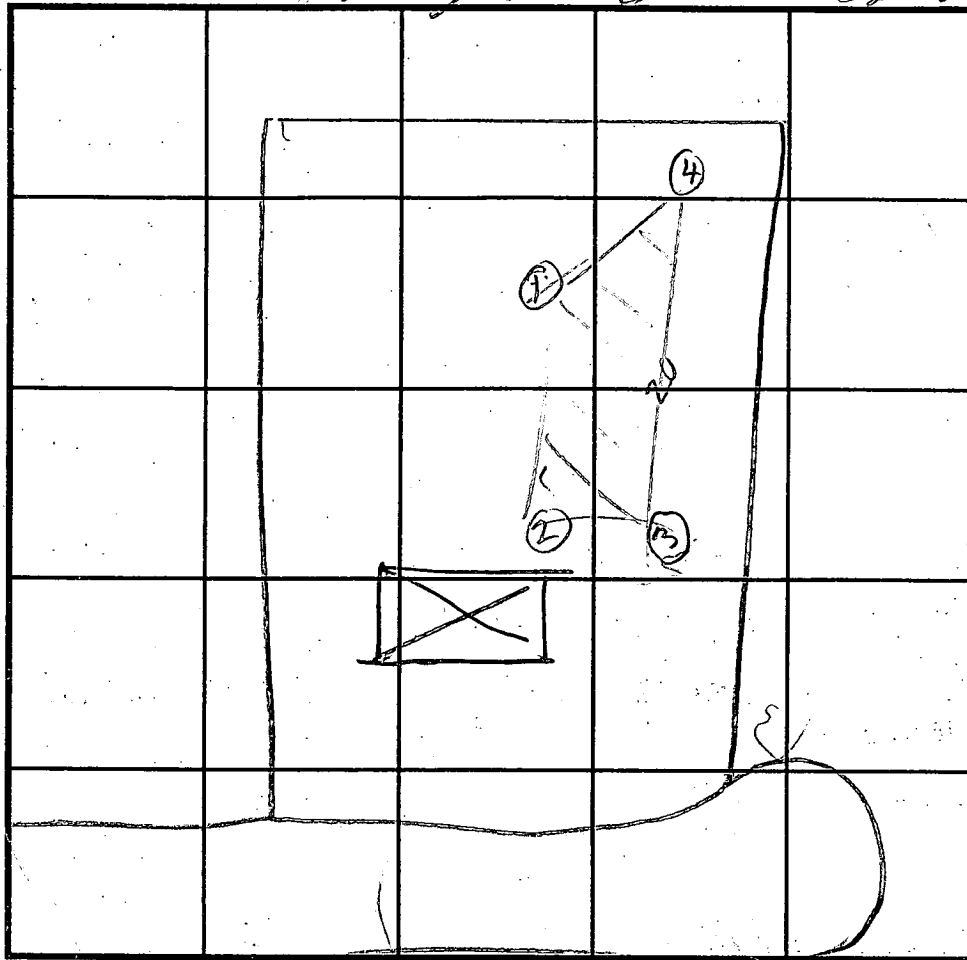
McKendree Estates

COUNTY #
Lot 8
SOIL PROFILE

0' TOPSOIL CLAY
4' PINK BROWN SAND LOAM
7' BEIGE SAND LOAM

11 1/2' (2) (3)
3' TOPSOIL RED CLAY
PINK BROWN SAND LOAM

12' 13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE-LINE.

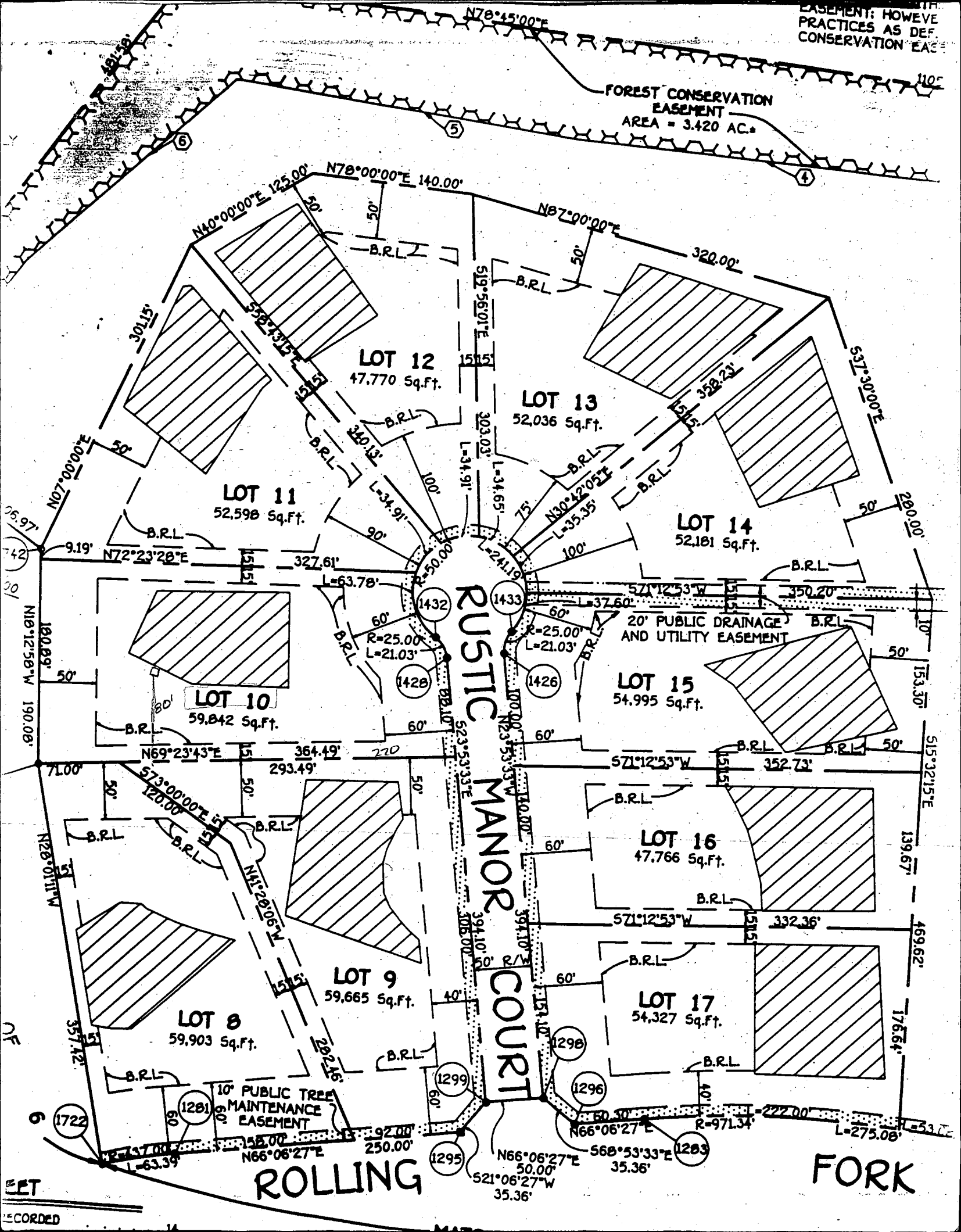
SOIL PROFILE

0' TOPSOIL BROWN CLAY
4' DULL BROWN SAND LOAM
11 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/13/92	1 S	4	221	224	224	235	11
	1 D	8	221	224	224	226	2
	1 V	11.5	OK				11
	2 S	4	220	233	233	230	5
	2 V	13	OK				
	3 S	3.5	231	235	235	245	9
	3 V	13	OK				
	4 V	11.5	OK				

REMARKS 11/13/92 Hole dugger Test Plat Wet Season
TYPE OF SOIL test needed
TESTED BY _____ ALSO PRESENT _____
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 TRENCH WIDTH 2
INLET DEPTH 4 MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

WITH EASEMENT; HOWEVER PRACTICES AS DEF. CONSERVATION EAS.



well at OK as Staked
11/17/95

Note: drill well on lot #9 appears to be closer to Staked
etc. for lots 8 & 10 than open on this plan (by property)
No Property Marker or reference point available,
only percolates & marked.

WELL
STAKED 6/9/94

20' DRAINAGE AND
UTILITY EASEMENT

DRAINAGE AND
UTIL. EASEMENT

PRESERVATION
PARCEL
ENVIRONMENTAL PRESERVATION
32.68 Ac.±

COURT B

LOT 11
A-48634

LOT 12
A-44243

LOT 13
A-48632

LOT 14
A-48636

LOT 15
A-48635

LOT 16
A-44247

LOT 17
A-48640

LOT 10
A-48635

LOT 9
A-48634

LOT 8
A-44242

3000

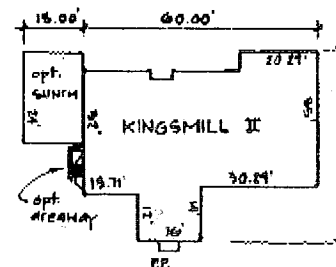
Approved Septic System Plan
Howard County Health Department

LOT 10 GWYNDYL OAK ESTATES

1" = 50'

AUG. 04, 1995

[Signature]
Signature
8/16/95
Date



SEPTIC SYSTEM DATA

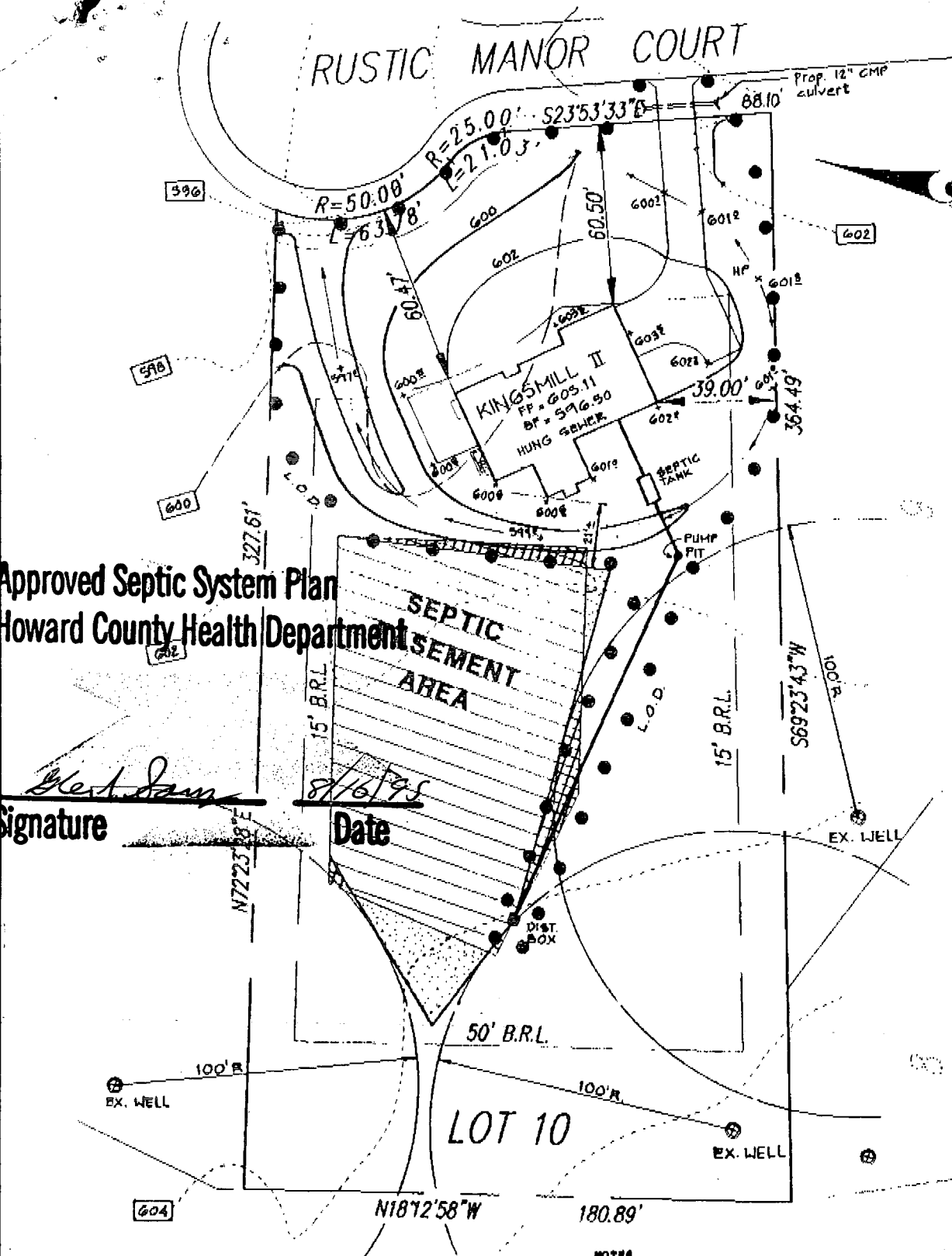
BASEMENT FLOOR AREA =	596.50
INV. OUT OF HOUSE =	598.90
INV. IN AT SEPTIC TANK =	598.50
INV. OUT AT SEPTIC TANK =	598.25
EX. ELEV. AT SEPTIC TANK =	601 ±
PROP. ELEV. AT SEPTIC TANK =	600.5
INV. IN AT PUMP PIT =	597.85
INV. IN AT DIST. BOX =	601.0
EX. ELEVATION AT DIST. BOX =	604.0

NOTES

1. Lot shown contains 59,842 s.f. of land and recorded at plat # 11548 among the land records of Howard County, Maryland.
2. Prepared by Gutschick, Little & 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. Ex. wells shown were field located by Gutschick, Little & Weber, P.A.
6. Install siltment controls as required by Site Inspector. See Sediment Control Plan # GP-95-26.
7. Disturbed area shown is 21,467 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 to be determined in the field.

LEGEND

- ● ● LIMIT OF DISTURBANCE (L.O.D.)
- SEPTIC EASEMENT AREA TO BE ABANDONED (750 ± SF Tot.)
- PROPOSED NEW SEPTIC AREA (860 ± SF Total)



COUNTY

C1 5102

SEQUENCE NO.
(OEP 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

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER Pettit & Griffith Inc.
STREET OR RFD 18205 D Flower Hill Way
SUBDIVISION Gwynn Oak EstatesTOWN Gaithersburg 20879
SECTION LOT 10

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed) FEET
FROM TO Check
if water
bearing

soft brown dirt	0	60	
hard tan/gray rock	60	75	
med tan rock	75	77	X
hard gray rock	77	117	
med hard tan rock	117	118	
hard gray rock	118	130	
med hard gray rock	130	150	
hard gray rock	150	169	
hard tan rock	169	170	
med/med hard brown	170	172	
hard gray rock	172	176	
med/med hard brown	176	177	X
hard tan/gray rock	177	203	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BCNO. OF BAGS 18 NO. OF POUNDS 1800GALLONS OF WATER 108

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 70 FT.
48 TOP 52 (ENTER 0 IF FROM SURFACE) 54 BOTTOM 58

CASING RECORD

casing
types
insert
appropriate
code
belowST CO

STEEL CONCRETE

PL OT

PLASTIC OTHER

MAIN CASING TYPE Nominal diameter
top (main) casing
(nearest inch) Total depth
of main casing
(nearest foot)PL 6 71
60 61 63 64 66 70

OTHER CASING (if used)

EACH CASING diameter depth (feet)
inch from toscreen type
or open hole

SCREEN RECORD

insert
appropriate
code
belowST BR HOSTEEL BRASS OPEN
HOLEPL OT

PLASTIC OTHER

C2

DEPTH (NEAREST FT.)

EACH SCREENING
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

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

OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

70

TELESCOPE
CASING

72

LOG
INDICATOR

WQ

74 75 76

OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3PUMPING RATE (gal. per min.
to nearest gal.) 141METHOD USED TO
MEASURE PUMPING RATE timer

WATER LEVEL (distance from land surface)

BEFORE PUMPING 39WHEN PUMPING 74

TYPE OF PUMP USED (for test)

A air P piston T turbineC 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: 29

CAPACITY:

GALLONS PER MINUTE

(to nearest gallon) 31 35PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH

(nearest ft.) 43 47

CASING HEIGHT (circle appropriate box

and enter casing height)

+ above

LAND SURFACE

1 (NEAREST FOOT)49 50 51

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)

30' LPL

15' RPL

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED
WHEN THIS WELL WAS COMPLETED

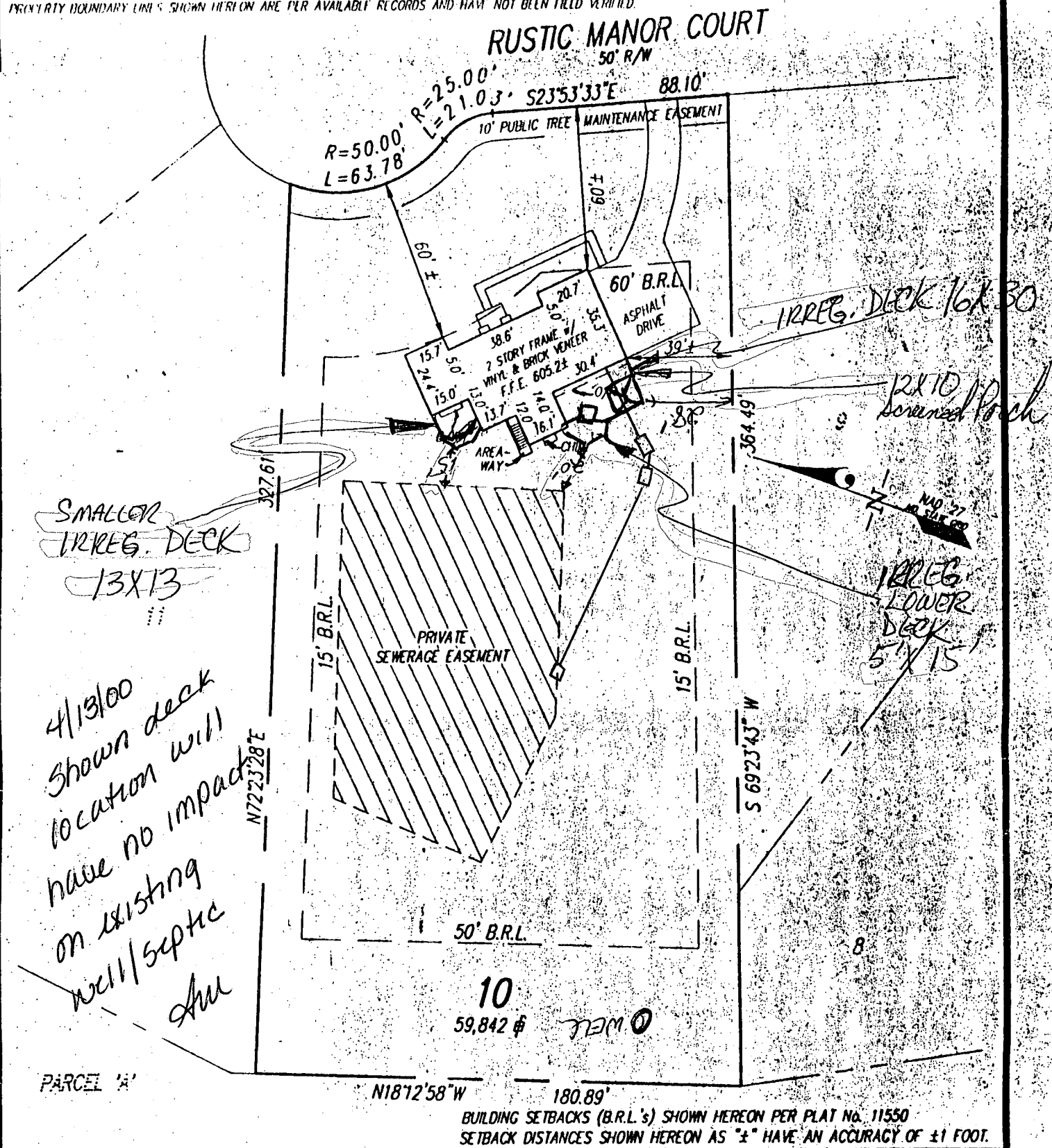
E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION
WELLI 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. 304DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

HEALTH

NOTE: THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar as it is required by a LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH A CONTEMPLATED TRANSFER AND FINANCING; AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF LOCATION OF FENCES, SHEDS, GARAGES, BUILDINGS, LANDSCAPING, OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING.

THIS LOCATION DRAWING WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.



GUTSCHICK, LITTLE & WEBER, P.A.

CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20866
 TEL: (301) 421-4024 NO. VA: (301) 989-2524 BAL: (410) 880-1820 FAX: (301) 421-4186

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE C (AREA OF MINIMAL FLOODING) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL No. 240044 0014 B, REVISED DECEMBER 4, 1986.

REFERENCE: PLAT No. 11550

DATE OF LATEST FIELD WORK: 11-15-95

DRAWN BY: WEG/CAD

SCALE:

1"=50'

GLW FILE No.

95-052

CHECKED BY:

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY TO:
 "NY HOMES"

THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS LOCATION DRAWING WAS PREPARED IN ACCORDANCE WITH THE MINIMUM STANDARDS OF PRACTICE FOR PROFESSIONAL LAND SURVEYORS OF THE STATE MARYLAND

Thomas C. O'Connor, Jr. 11/16/95

For Gutschick, Little and Weber, P.A.:
 Thomas C. O'Connor, Jr., Professional Land Surveyor, No. 10954

THIS LOCATION DRAWING IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.

LOCATION DRAWING

"GWYNDYL OAK ESTATES"
 LOT 10
 2809 RUSTIC MANOR COURT

HOWARD COUNTY, MARYLAND