

11/19/96 2/11/97
11:00 (to meet
Mary or Steve)
House CORN.
1-8-97
p.m. c.o.

2-11-97 house connection made

1/8/97 Needs house
CORN. KM
1/10/97 house connection letter sent
P 57347-C

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 48652

DISTRICT 4th

DATE 10-21-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
XXXXXX 313-2640
XXXXXX

DATE SYSTEM APPROVED 2-11-97

INDEXED

INSPECTOR KM

Pettit & Griffin, Inc./South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 18205-D Flower Hill Way Gaithersburg, MD 20879 PHONE (301) 875-4197
875-4197
975-1020

SUBDIVISION Gwyndyl Oak Estates LOT 37 ROAD 2540 McKendree Road

PROPERTY OWNER Wheeler Development, Inc.

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 125 feet up the right lot line (266.29') and 70 feet off that same lot line as seen when facing the lot from McKendree Road. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 2/30/96 OK ALM

PLANS APPROVED BY Amy McMillen DATE 12/16/94

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

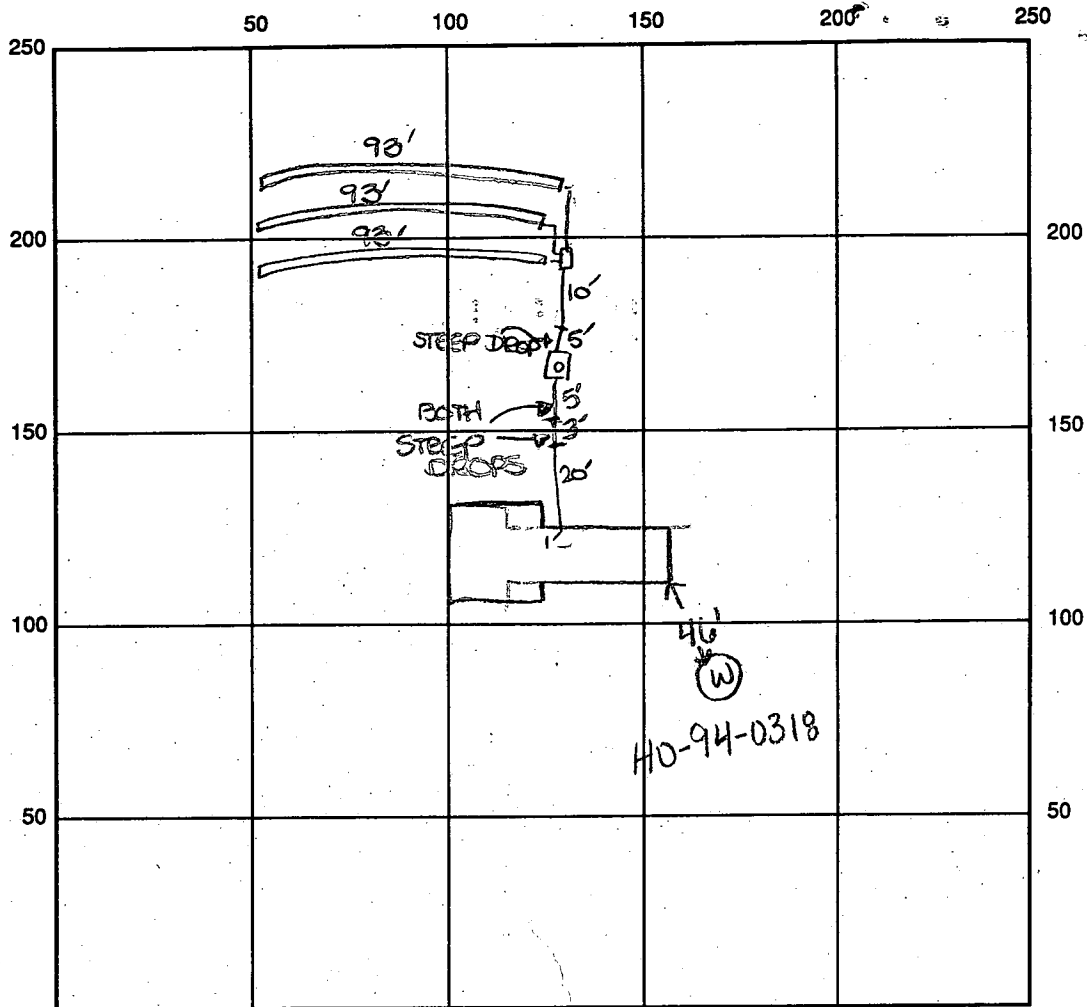
PERMIT VOID AFTER TWO YEARS

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

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

A
48652



McKendree Road

SEPTIC TANK LEVEL OK, 1250 gallons CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 3 x 93 FT. → 279

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 837 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 1/8/97 ok to cover all work up to septic tank km
no house connection made 4/8/97 pm ok to cover all work
12-11-97 house connection made; saw from inside house, outside already covered km

DATE SYSTEM APPROVED 2-11-97

INSPECTOR Kim Maisto

APPLICATION

PERCOLATION TESTING

A 48652

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. Wheeler Development, Inc

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. 38 37

ROAD AND DESCRIPTION 2540 Mckendree Road NEW 3/8 (9117193)

BLDG. PERMIT SIGNED

AND RETURNED Dec 1992
Serial # B 10101875

TAX MAP 14 PARCEL # 123

SIZE OF LOT 40,000# - 60,000# TYPE BLDG. SINGLE FAMILY DWELLING 4Bm
(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. Zacharia y. fisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS 11/12/92 PERC OK BUT RECOMMEND VISUAL HOLD
IN WET SEASON

REASONS FOR REJECTION OR HOLDING 2/22/93 VISUAL HOLD 1L
WET SEASON OK R/H

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

48652

LOT 38 37

COUNTY #

SOIL PROFILE

0' BROWN CLAY

4' BROWN SAND LOI

7' GRAY SAND LOAM

10' MOISS

12' WATERY

13'

2' BROWN CLAY

BROWN SAND LOAM

13'

0' BROWN CLAY

3' BROWN SAND LOAM

13'

SOIL PROFILE

0' BROWN LEAVY TOPSOIL

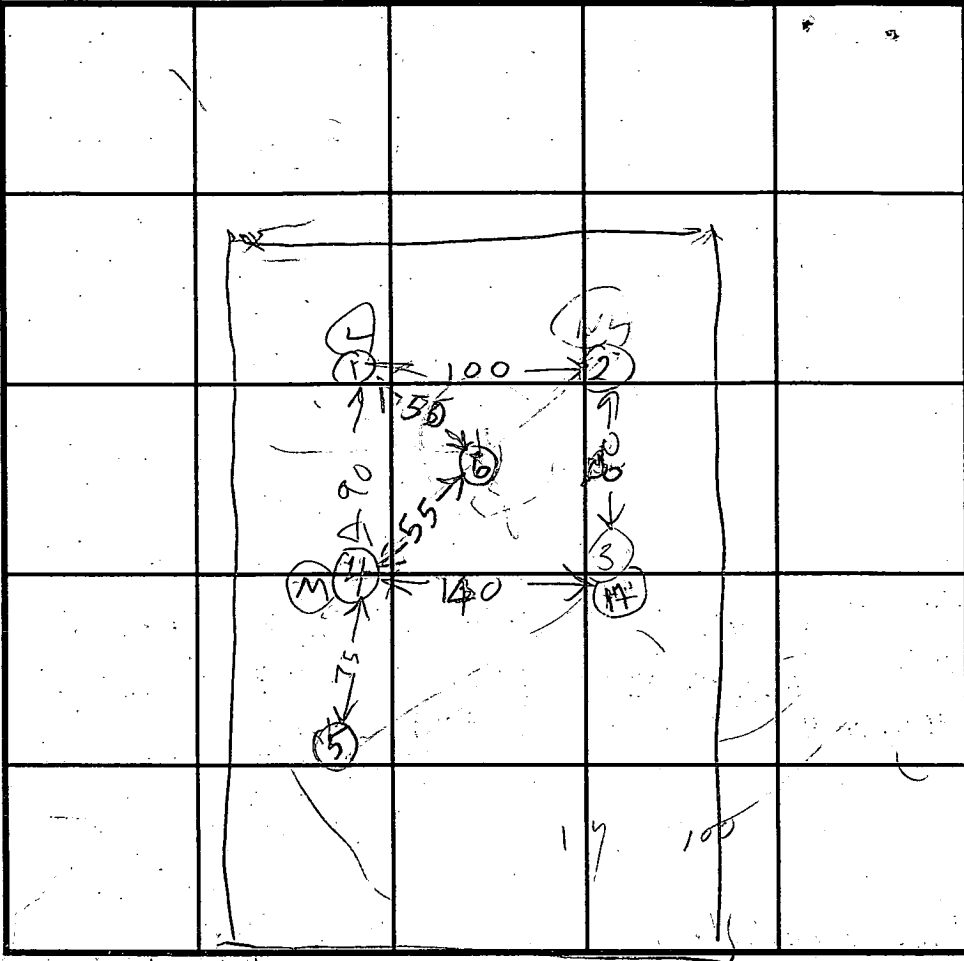
4' PINK & BEIGE SAND LOAM

13 1/2'

5' BROWN

4' BEIGE BROWN SAND LOAM

13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

MCKENZIE RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/12/92	1S	5 1/2	1039	1048	1048	1700	14
	1V	13	WATER	12 FT	NET	SEASON	
11	2S	4	1044	1047	1047	1050	3
	2V	13	OK				
11	3S	4	1051	1058	1058	1206	8
	3V	13 1/2	1053	1058	1058	1059	3
11	3V	13	OK				
11	4V	13	OK				
11	5V	13	OK				
2/22/93	6V	13 1/2	OK				

REMARKS 11/12/92 PERCHANGES DUG PER PLAN EXCEPT (5)

TYPE OF SOIL HOLE (1) WET SEASON BUT HOLE (5) OK

TESTED BY B HODGES ALSO PRESENT HIGH OXYGEN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

3516

SEQUENCE NO. (DENY USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

A 48652

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-99-0318

OWNER: Pettit & Griffith, Inc. last name: Mc Kendrick Rd first name: TOWN: Glenwood SUBDIVISION: Gwynndyl Oak Estates SECTION: LOT: 37

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include soft brown dirt, hard tan rock, med hard brown rock, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 12, NO. OF POUNDS: 1200, GALLONS OF WATER: 72, DEPTH OF GROUT SEAL: from 0 to 45 ft.

CASING RECORD: MAIN CASING TYPE: PL, Nominal diameter: 6.5, Total depth: 46 ft. OTHER CASING: none.

SCREEN RECORD: screen type: HO (open hole), DEPTH (nearest ft.): 45, 30, 5.

PUMPING TEST: HOURS PUMPED: 3, PUMPING RATE: 4 gal. per min., METHOD USED: timer, WATER LEVEL: 26 ft. before, 187 ft. when pumping.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP: submersible (S), CAPACITY: 31-35 GPM, PUMP HORSE POWER: 37-41, PUMP COLUMN LENGTH: 43-47 ft., CASING HEIGHT: 1 ft. above land surface.

WELL HYDROFRACTURED: YES (Y), NO (N)

CIRCLE APPROPRIATE LETTER: A (well abandoned), 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...

DRILLERS IDENT. NO. 304, David Kelly, Harvey W. Knobbs, SITE SUPERVISOR

GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68, MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

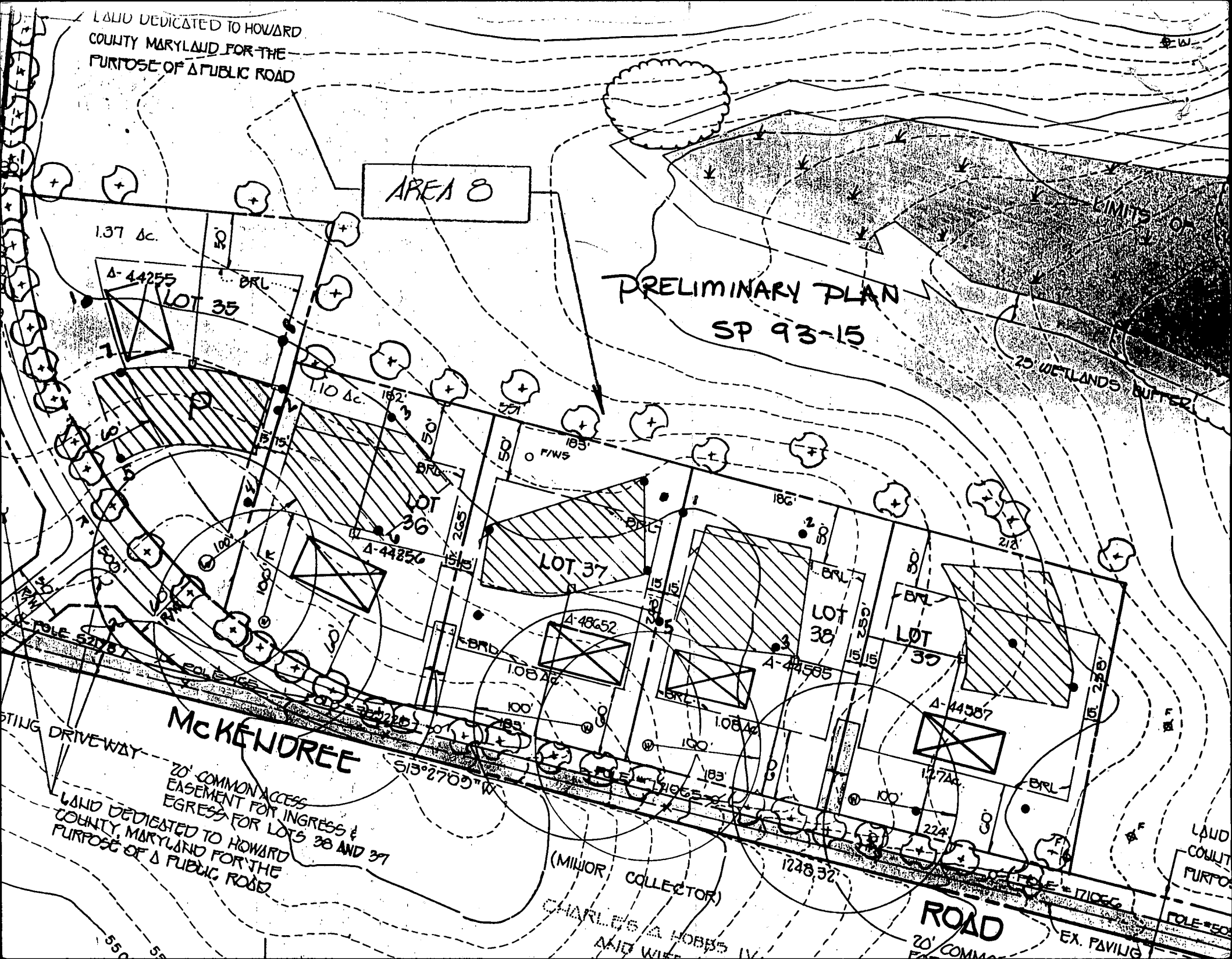
LOCATION OF WELL ON LOT: SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL). 40' RPL, 20' FPL

LAND DEDICATED TO HOWARD COUNTY MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD

AREA 8

PRELIMINARY PLAN
SP 93-15

25' WETLANDS BUFFER



1.37 Ac.

LOT 35

1.10 Ac.

LOT 36

LOT 37

LOT 38

LOT 39

MCKENDREE

(MINOR COLLECTOR)
CHARLES A. HOBBS IV
AND WIFE

ROAD

EX. PAVING

20' COMMON ACCESS EASEMENT FOR INGRESS & EGRESS FOR LOTS 38 AND 39
LAND DEDICATED TO HOWARD COUNTY MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD

LAND DEDICATED TO HOWARD COUNTY MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD

EX. PAVING

EX. PAVING

EX. PAVING

55.0'

55.0'

1248.32'

20' COMMON ACCESS EASEMENT FOR INGRESS & EGRESS FOR LOTS 38 AND 39

EX. PAVING

EX. PAVING

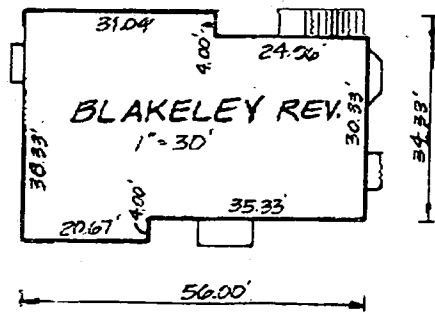
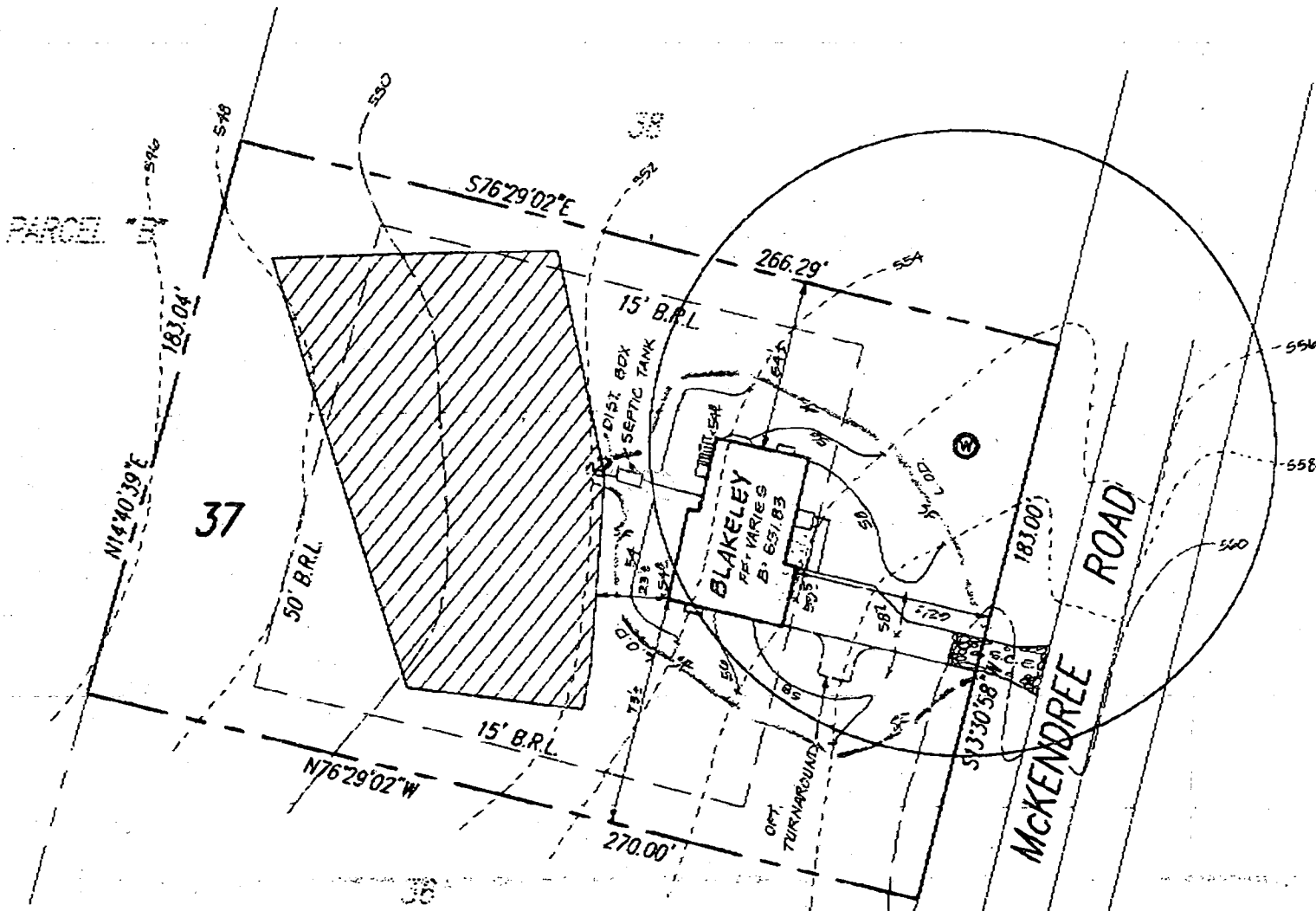
EX. PAVING

Notes:

1. Lot shown contains 49,071 s.f. of land and recorded at plat # 11553 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. Wells shown per SP-93-15.
6. Install sediment controls as required by Site Inspector.
7. Disturbed area shown is 2,800 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 = 551.83
 INV. OUT OF HOUSE = 549.1
 INV. IN AT SEPTIC TANK = 548.8
 INV. OUT AT SEPTIC TANK = 548.5
 EX. ELEV. AT SEPTIC TANK = 553 ±
 PROP. ELEV. AT SEPTIC TANK = 554.0
 INV. IN AT DIST. BOX = 548.2
 EX. ELEV. AT DIST. BOX = 552.2



LOT 37
GWYNDYL OAK ESTATES
 4th ELEC. DIST. HOWARD CO., MD
 August 05, 1996 1"=50'

Approved Septic System Plan
 Howard County Health Department

Amy McMillan 8/26/96
 Signature Date

