

11-8-96
2:00 C.O.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 57347-B

A 44587

DISTRICT 4th

DATE 10-21-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 313-2640

04-356365

DATE SYSTEM APPROVED 11/18/96

INSPECTOR ALM

Pettit & Griffin, Inc. / South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER
875-4197

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

SUBDIVISION Gwyndyl Oak Estates LOT 39 ROAD 2500 McKendree Road

PROPERTY OWNER Wheeler Development, Inc.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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

LOCATION - Place distribution box 135 feet up the left (262.54') lot line and 75 feet off that same lot line when facing the lot from McKendree Road. Run trenches on on contour toward the back 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. 8/30/96 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) AND RETURNED 7/11/01

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH 300131322 Prepare Tank

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

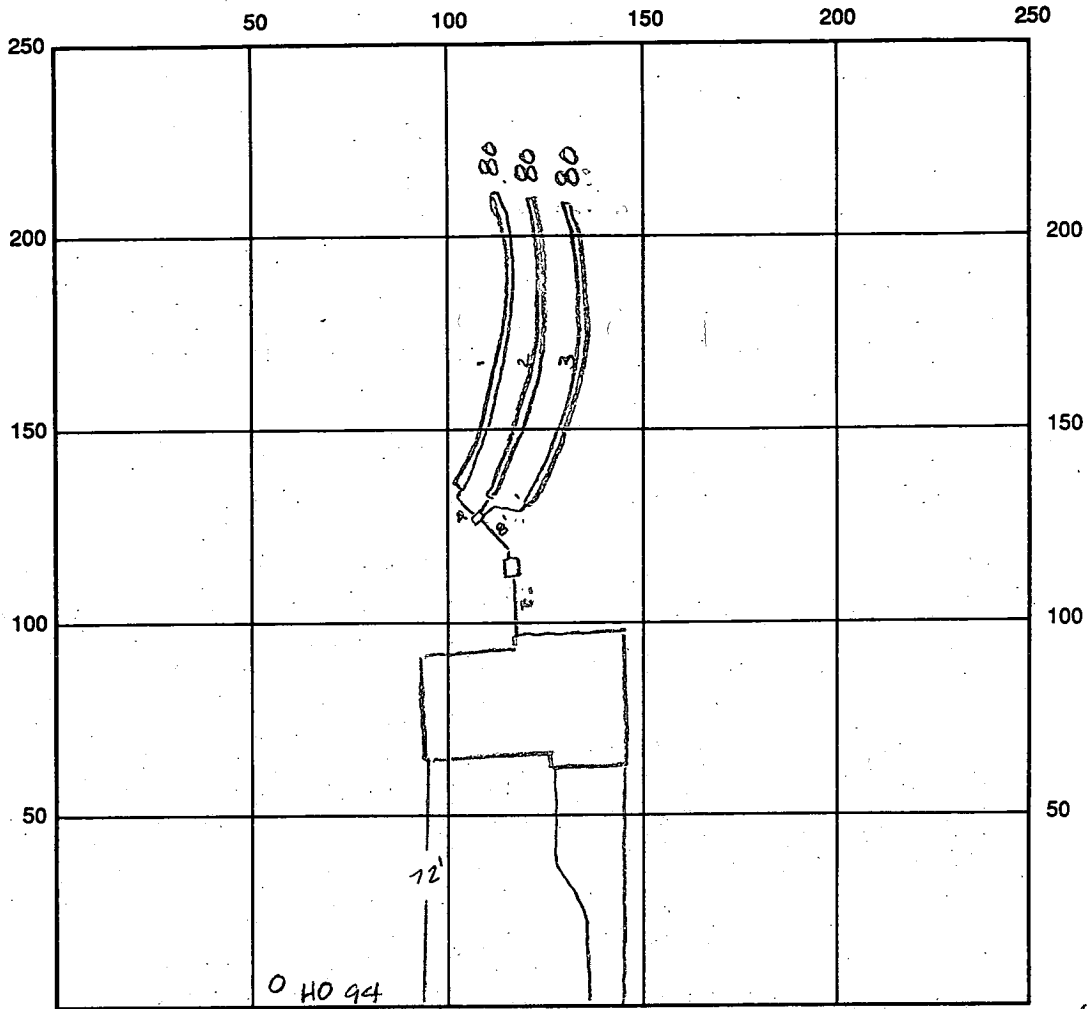
PERMIT VOID AFTER TWO YEARS

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
44587



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
0320

McKendree Rd

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffles in

DRAIN FIELD/TITLE DEPTH 5 4 4 FT. TRENCH WIDTH 3 0 FT. INLET DEPTH 3 2 2 FT.

EFFECTIVE GRAVEL DEPTH 2 0 FT. TOTAL LENGTH 2 4 0 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 7 2 0 SQ. FT.

$\frac{240}{3}$
720

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

ABSORBENT AREA — SQ. FT.

REMARKS: 11/19/96 1st trench installed 3-5' ok because it is highest
trench OK to continue. pm. OK to cover all work final

DATE SYSTEM APPROVED 11/19/96 INSPECTOR A. Mc Miller

APPLICATION

PERCOLATION TESTING

A 44587
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

*REC'D
6/26/89
D. [unclear]
[unclear]*

DISTRICT _____
DATE 6/26/89

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER PETTIT & GRIFFIN INC. Wheeler Developments Inc

ADDRESS 18005 - D Flower Hill Way PHONE 301-975-1020
GAITHERSBURG, MD. 20879

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION MCKENDRAGE ESTATES LOT NO. 28 NEW 39
2500 6/17/93

ROAD AND DESCRIPTION MD. RTE. #97 & MCKENDRAGE RD.

TAX MAP 14 PARCEL # 123

SIZE OF LOT 3 AC ± TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 6/26/89
Serial # BM 10 1884
SINGLE FAMILY DWELLING

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. Earl C. Cain
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

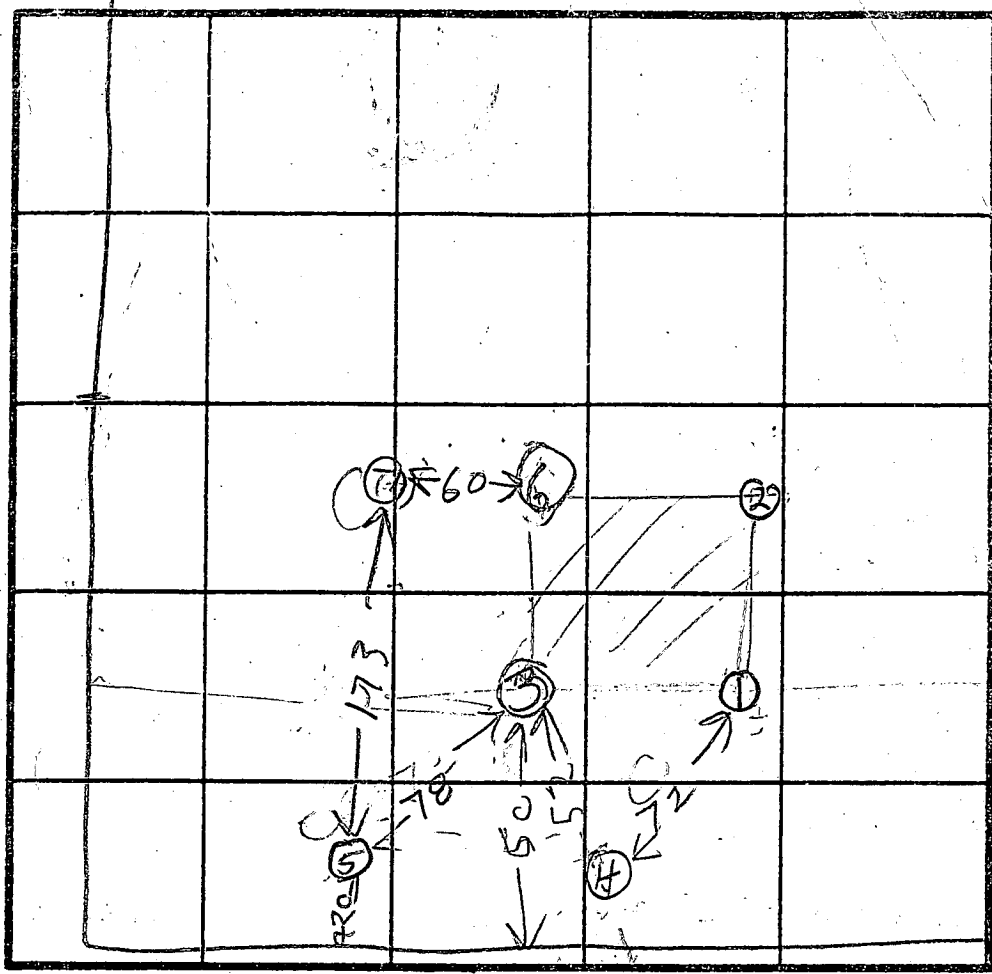
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/26/89 PERC OK but Very Restricted
House Site & Well Site may have to change
lot lines B.H.

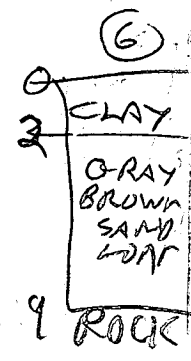
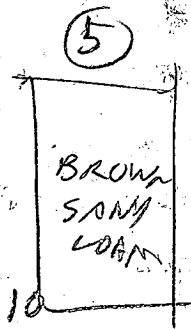
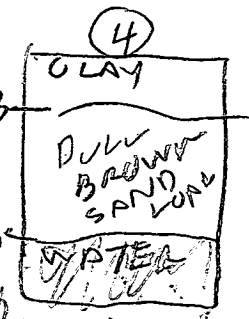
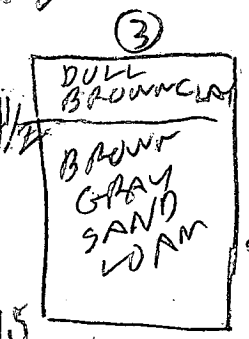
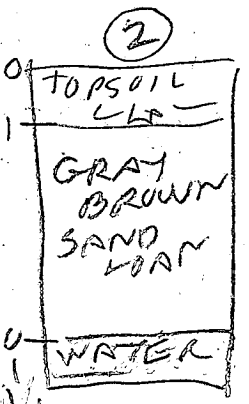
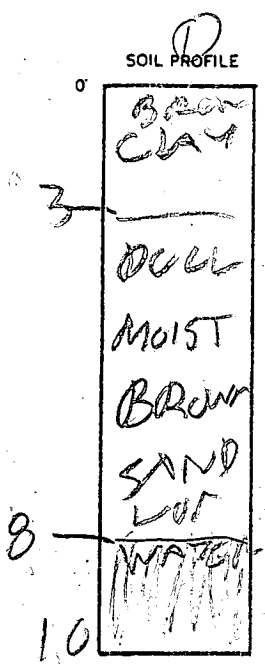
HD-216

THIS IS NOT A PERMIT

Lot 28
A 44587



AV TIME
3 MIN
INLET
2 FT



MCKENDRO ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/28/09	1V	10	WATER		8 FT	FAIL	
	2V	3	159	201	201	203	2
	2V	10 1/2	WATER		10 FT	OK SITUATION	
	3S	5	209	215	215	218	5
	3D	8	209	212	212	216	4
	3V	11.5	OK				
	4S	4	226	227	227	229	4
	4V	10	WATER		8 FT	FAIL	
	5S	5	237	238	238	240	2
	5V	10	OK				
	6S	3	240	247	247	248	1
	6V	9	OK				
	7V	10	OK				

REMARKS: Hole (1)(2)(3) Nag Per latest Test Plat

TYPE OF SOIL: _____

TESTED BY: R. HODGES

ALSO PRESENT: O. [unclear] & Dale

C1 3518

SEQUENCE NO. (DENV 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

A44587

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 021595

Depth of Well grid: 185

PERMIT NO. grid: 40-94-0320

OWNER: Pettit & Bricklyth Inc. last name: Mc Kendrick Road first name: TOWN: Glenwood SUBDIVISION: Gwyndyl Oak Estates SECTION: LOT: 39

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, FEET (FROM, TO), Check if water bearing. Rows include soft brown dirt, hard tan rock, med soft rock, med hard tan rock, hard tan rock, med tan rock, hard tan rock, med hard tan rock, hard gray rock, med hard tan rock, hard tan & gray rock.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL

CEMENT: CM BENTONITE CLAY: BC NO. OF BAGS: 10 NO. OF POUNDS: 1000 GALLONS OF WATER: 60 DEPTH OF GROUT SEAL: (to nearest foot) from 0 to 39 ft.

CASING RECORD casing types insert appropriate code below: ST 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 40

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below: ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED. yes (Y) no (N)

CIRCLE APPROPRIATE LETTER 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 PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT NO. 304 David Kelly HARVEY W. KNOPP SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Table with columns: E A C H C A S I N G, S C R E E N, DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN (NEAREST INCH)

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

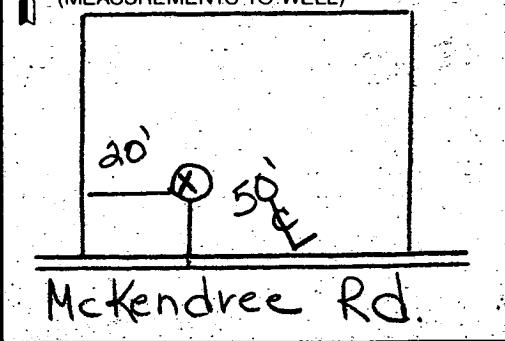
C3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 14 METHOD USED TO MEASURE PUMPING RATE timer WATER LEVEL (distance from land surface) BEFORE PUMPING 22 WHEN PUMPING 28 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) 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) LAND SURFACE (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)



11-7-96
WPT
NEEDS SEALED CAP
OK TO COVER

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement _____
Name of Installer WALTER W KING PLBG Receipt # _____ Date 11/7/96
Telephone 301-662-6990
License Number MD 2217 Certified Well Pump Installer _____ Well Driller _____ Registered Plumber
Name of Property Owner PETTIT + GRIPPIN Telephone 301-925-1020
Subdivision GWYNDYL OAK EST. Lot # 39 Well Tag # HO-94-0326
Site Address 2500 MCKENZIE RD

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible
2. Make STA-RITE
3. Model # 2SP4D02HL
4. Capacity 7 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 _____
Motor
1. Horsepower 3/4
2. RPM 3450
3. Voltage _____
a. 110 _____
b. 220
Pitless Adapter
1. Make MARTINSON
2. Model # BP-10R
3. Depth 42" MIN
60" MAX

Tank
1. Capacity 42
2. Pressure relief valve? YES
Piping
1. Type PLASTIC 160 PSI
2. Size 1"
3. NSF and/or BOCA Code approved
4. Depth of supply line 42" MIN
60" MAX
Well data
1. Depth 185 ft.
2. Yield 14.3 GPM
3. Static water level _____ 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: [Signature]
Date: 11/7/96

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

Approved Septic System Plan
Howard County Health Department

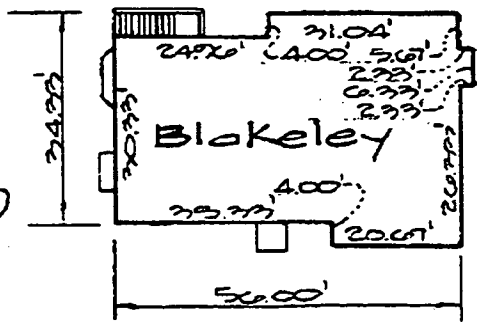
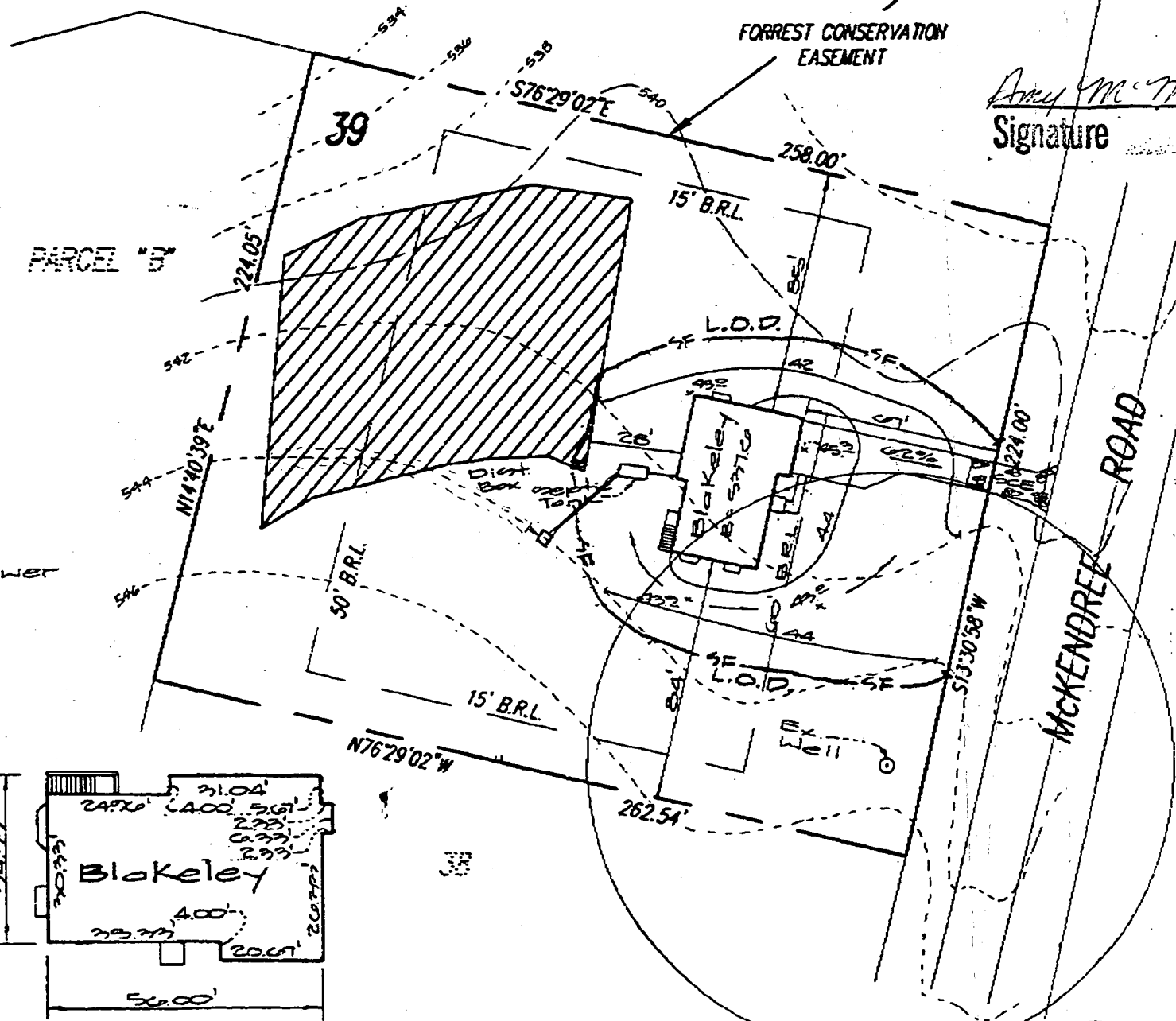
Notes

1. Lot shown contains 58,301 s.f. of land and recorded at plot # 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. Well was field located.
6. Install sediment controls as required by Site Inspector.
7. Disturbed area shown is 14,450 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.

Amy McMillen 8/26/96
Signature Date

SEPTIC SYSTEM DATA:

BASEMENT FLOOR AREA = 5377.0
 INV. OUT OF HOUSE = 543.2 / Hung Sewer
 INV. IN AT SEPTIC TANK = 542.9
 INV. OUT AT SEPTIC TANK = 542.6
 EX. ELEV. AT SEPTIC TANK = 542.4
 PROP. ELEV. AT SEPTIC TANK = 543.0
 INV. IN AT DIST. BOX = 542.0
 EX. ELEV. AT DIST. BOX = 544.0



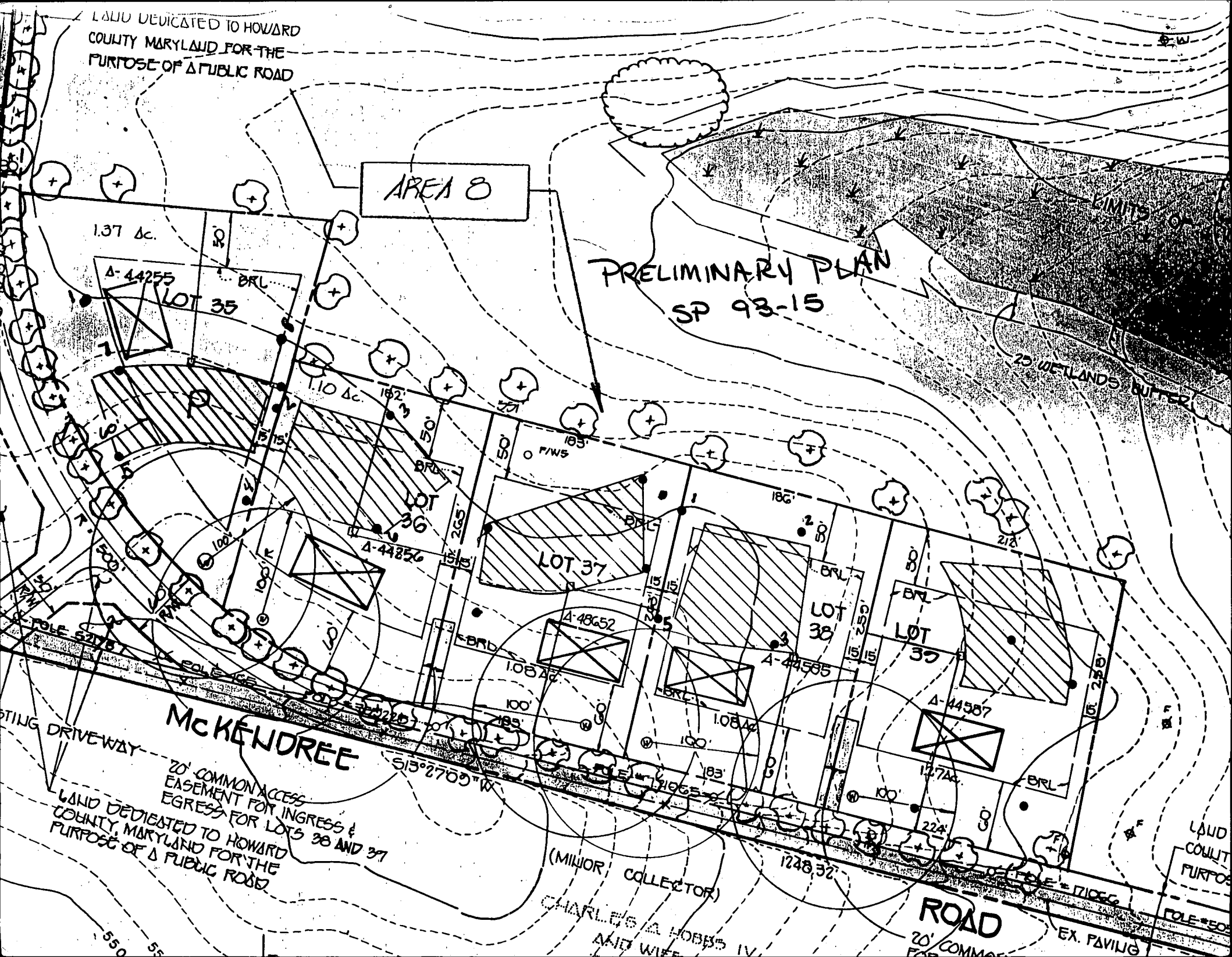
LOT 39
 GWYNDYL OAK ESTATES
 4th ELEC. DIST. HOWARD CO., MD
 August 05, 1996 1"=50'

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.

A-44255

LOT 35

1.10 ac.

LOT 36

LOT 37

LOT 38

LOT 39

A-48652

A-44585

A-44587

MCKENDREE

(MINOR COLLECTOR)

CHARLES A. HOBBS IV AND WIFE

ROAD

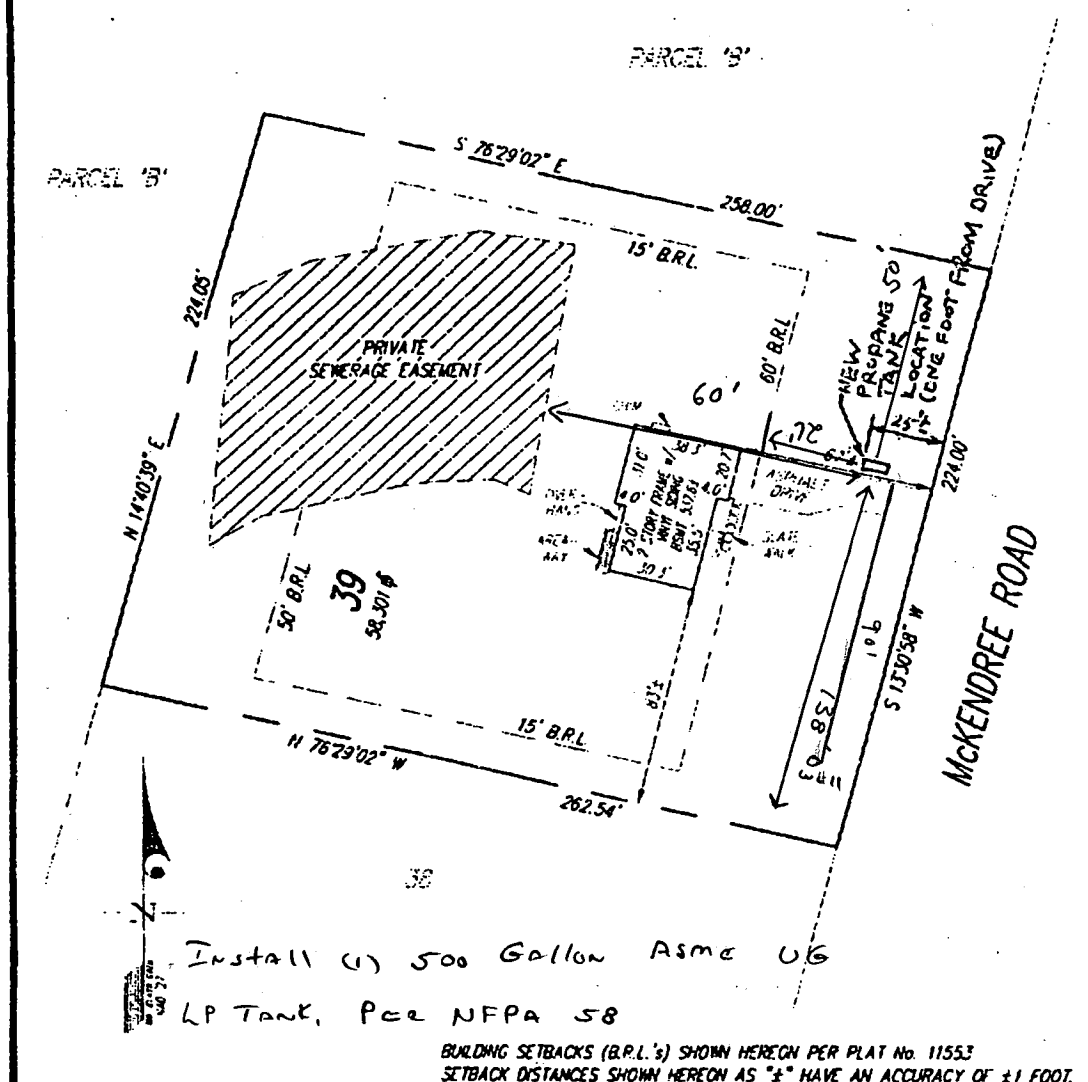
EX. PAVING

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

NOTE: THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A FIRE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH A CONTEMPLATED TRANSFER AND FINANCING, AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR 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, LIENS, AND RESTRICTIONS, ETC. OF RECORD, SOME OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. ERRORS, OMISSIONS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.



Install (1) 500 Gallon Asme UG LP Tank, Per NFPA 58

BUILDING SETBACKS (B.P.L.'s) SHOWN HEREON PER PLAT No. 11553
 SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±1 FOOT.

GLW GUTSCHECK, LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, SURVEYORS, PLANNERS, LANDSCAPE ARCHITECTS
 3509 NATIONAL DRIVE - SUITE 250 - BURTOWSVILLE OFFICE PARK
 BURTOWSVILLE, MARYLAND 21064
 TEL: (301) 471-4274 FAX: (301) 989-7524 FAX: (410) 850-1543 FAX: (301) 471-4166

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE C (AREA OF ANNUAL FLOODING) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL No. 240044 0014 B, REVISED DECEMBER 4, 1996.
 REFERENCE: PLAT No. 11553
 DATE OF LATEST FIELD WORK: 12-20-96
 DRAWN BY: MEG/CAO SCALE: 1"=50'
 CHECKED BY: CLW FILE No. 96-068

SURVEYOR'S CERTIFICATE
 THIS IS TO CERTIFY TO:
 "PETIT & ORETRY",
 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.
 For Subscribes, Little and Weber, P.A.
 Thomas C. O'Connor, J., Professional Land Surveyor, No. 10954
 THIS LOCATION DRAWING IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMPRESSED SEAL OF THE ABOVE SURVEYOR.

LOCATION DRAWING
 "GWYNDYL OAK ESTATES"
 LOT 39
 2500 MCKENDREE ROAD
 HOWARD COUNTY, MARYLAND

7/11/01
 Propane tank
 location OK w/
 shown
 BOOB/31322