

7/29/94
11:00 am
8/11/94
12:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50089A

A 49496

DISTRICT 5th

DATE 6/4/94

DATE SYSTEM APPROVED 8/1/94

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

05-411765
INDEXED

South Carroll Backhoe, Inc/Paul Schissler IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Hedgerow LOT 17 ROAD 13651 Gilbride Lane

PROPERTY OWNER Eldon & Frances Zeigler

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180
3
900
300
31900

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 210 feet from the left (362') lot line and 120 feet from the rear (612') lot line, as seen when facing the property from the end of the right-of-way easement. Run trenches on contour away from driveway.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 2/7/94

PLANS APPROVED BY C. Williams/Mark Rifkin REVISED DATE 10/21/93

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

BLDG. PERMIT SIGNED
AND RETURNED 7/23/94

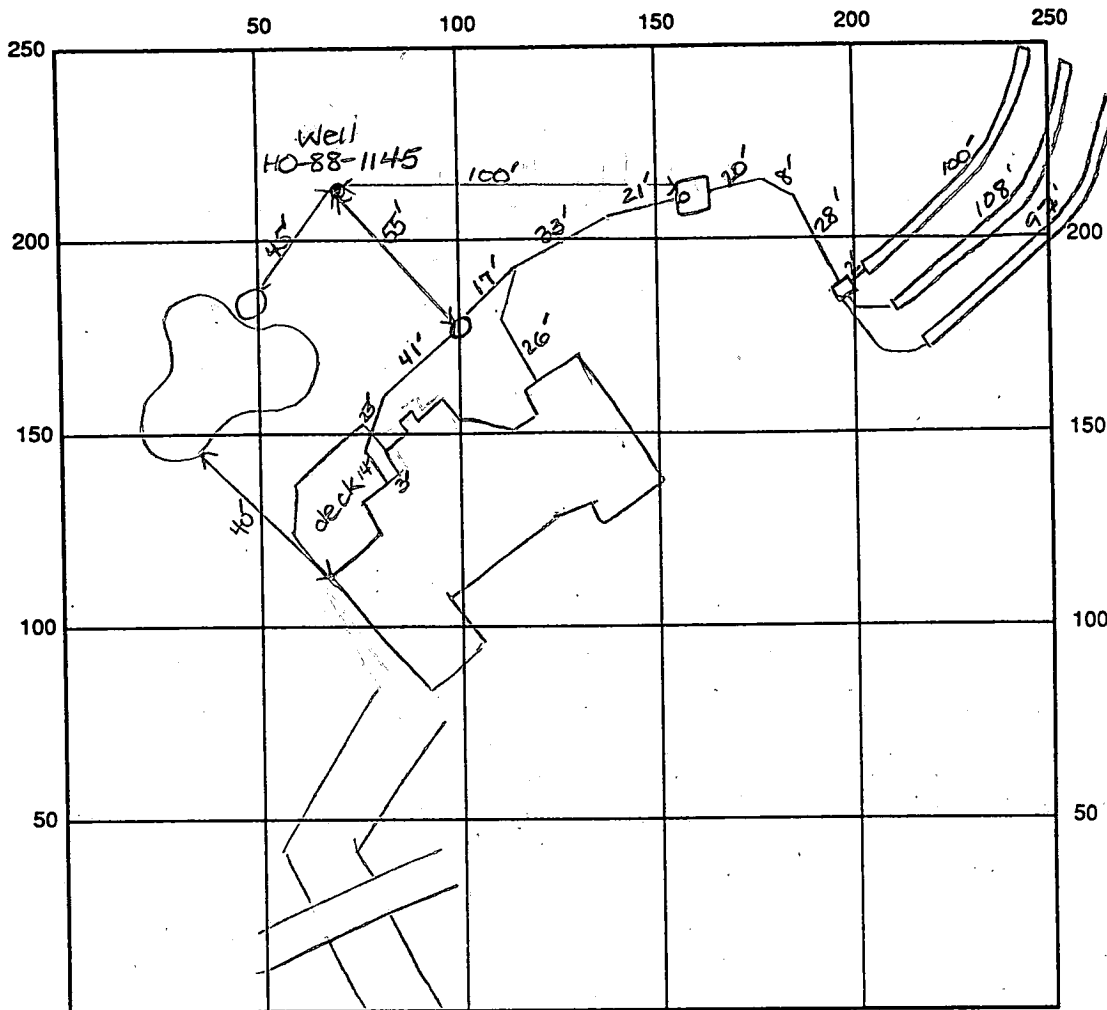
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

Serial # 52584
Inground pool

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

119496



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Gilbride Lane

SEPTIC TANK LEVEL OK-1500 gal CLEANOUTS one in line, one on s.t., OK

DISTRIBUTION BOX LEVEL OK baffle 15 in

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\textcircled{1}100' + \textcircled{2}108' + \textcircled{3}97' = 305$ linear feet of trench

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 915 SQ. FT.

$\frac{305}{3} = 915$

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 7/29/94 A.M. OK to cover house to s.t. DKS

7/29/94 P.M. OK to cover s.t., d.b., 1st trench. DKS

8/1/94 OK to cover all work final ACM

8/1/94 No WPI ACM

DATE SYSTEM APPROVED 8/1/94 INSPECTOR Amy McMillen

APPLICATION

HOWARD COUNTY

SERIAL NUMBER

PERMIT APPLICATION

50907

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

50907

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)
**13651 GILBRIDE LANE
CLARKSVILLE, MD 21029**

GRADING/SEDIMENT CONTROL YES NO SDP #

DESCRIPTION OF WORK AUTHORIZED
2 STORY SFD, 5 BDR, 1.5 BATH, 4 CAR GARAGE, 11 ROOMS, 2 FD, 2 CAR GARAGE, 1/2 FINISHED BATH

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
17	30			19		
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
HEDGEROW		RR	2344	5th	6021	

OWNER NAME AND ADDRESS
**ELDON & FRANCES ZEIGLER
COLUMBIA, MD**
12912 730-0010
Home in Millersville

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
FOUNDATION	109' 3"	33' 0"	9' 1 1/2"
1ST FLOOR	127' 8 1/2"	33' 0"	9'
2ND FLOOR	127' 8 1/2"	33' 0"	8'

OCCUPANT'S NAME AND ADDRESS
PHONE NO.

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			Asph/Flt
BATHS			
FIREPLACES			

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
**MARK BANDY
8312 JUMPING FIELD CT.
ELLICOTT CITY, MD**
730-8852

FOOTINGS	FOUNDATION	S. WALLS
20x20	12" CMU	1/2" SFD
		1/2" SFD

CONTRACTOR'S NAME AND ADDRESS
**JOHN McDONOUGH BUILDERS, INC
4785 DORSEY HALL DR/117
ELLICOTT CITY, MD 21042**
730-0010

UTILITIES			
WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY
		YES	YES
		TYPE OF HEAT	YES
		GAS/HP	YES

EXISTING USE
VACANT LOT

PROPOSED USE
SFD

I have carefully examined and read this application and know the same to be true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

EST. CONSTRUCTION COST
500,000.

LICENSE NUMBER
10029

PERMIT FEE

SIGNATURE
Mark E. Ruffin
TITLE DATE

W/S CODE

FOR OFFICE USE ONLY

DISTRICT IN FEET FROM R/W LINE TO FRONT BUILDING LINE _____

SIDE YARD
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

TO SIDE BUILDING LINE
DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK _____ (CORNER LOT ONLY)

SDP #

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	10/21/93	Mark E. Ruffin
FIRE PROTECTION		
STORM WATER MGM		

CAUTION
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.
Use and occupancy permit must be applied for two weeks before it will be issued.

APPROVED

DATE

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

Distribution of Copies:
White - Building Official
Green - Planning & Zoning

Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

100 Year Flood Plain Drainage & Utility Easement Plat No. 8933

S87°24'22"E

N45°46'36"W
122.00'

N57°19'46"W

Private Sewerage Easement (Revised Location): see General Note No. 1 Plat No. 8930

SABINE PROPERTY
40'-5.670'
PLATT
LOT

370.05'

S45°11'45"E

BRL

30'

BRL

OPEN SPACE PARCEL 'B'

194.20'

S67°23'07"E

120' BRL

120.3'

S62°85'

N67°23'07"W

295.00'

203.62'

2/23/94
Proposed pool has no impact to well or septic
OK to proceed
Amy McMiller
Health Department

Proposed Pool (18 x 46) and Deck
Filter & Heater EQUIPT.

#13651

6' x 8.2' Conc. Areaway

Proposed Fence

#13651

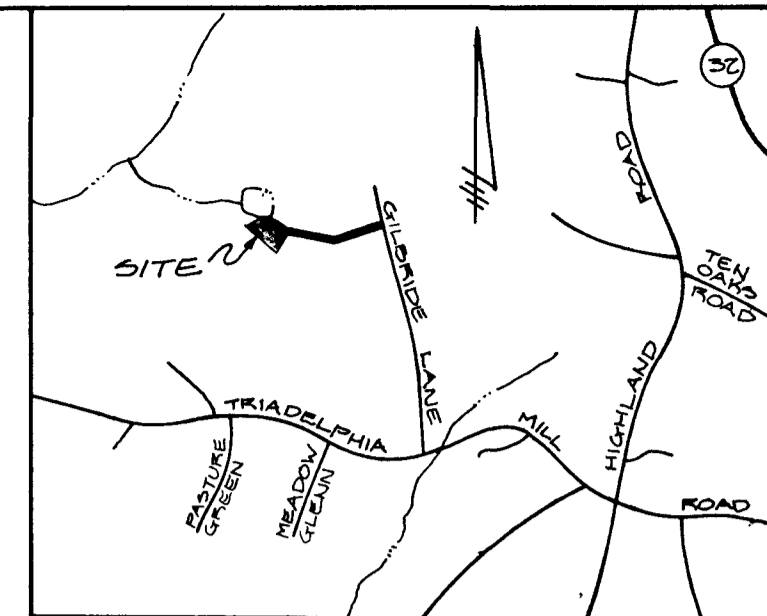
20.7'

59.1'

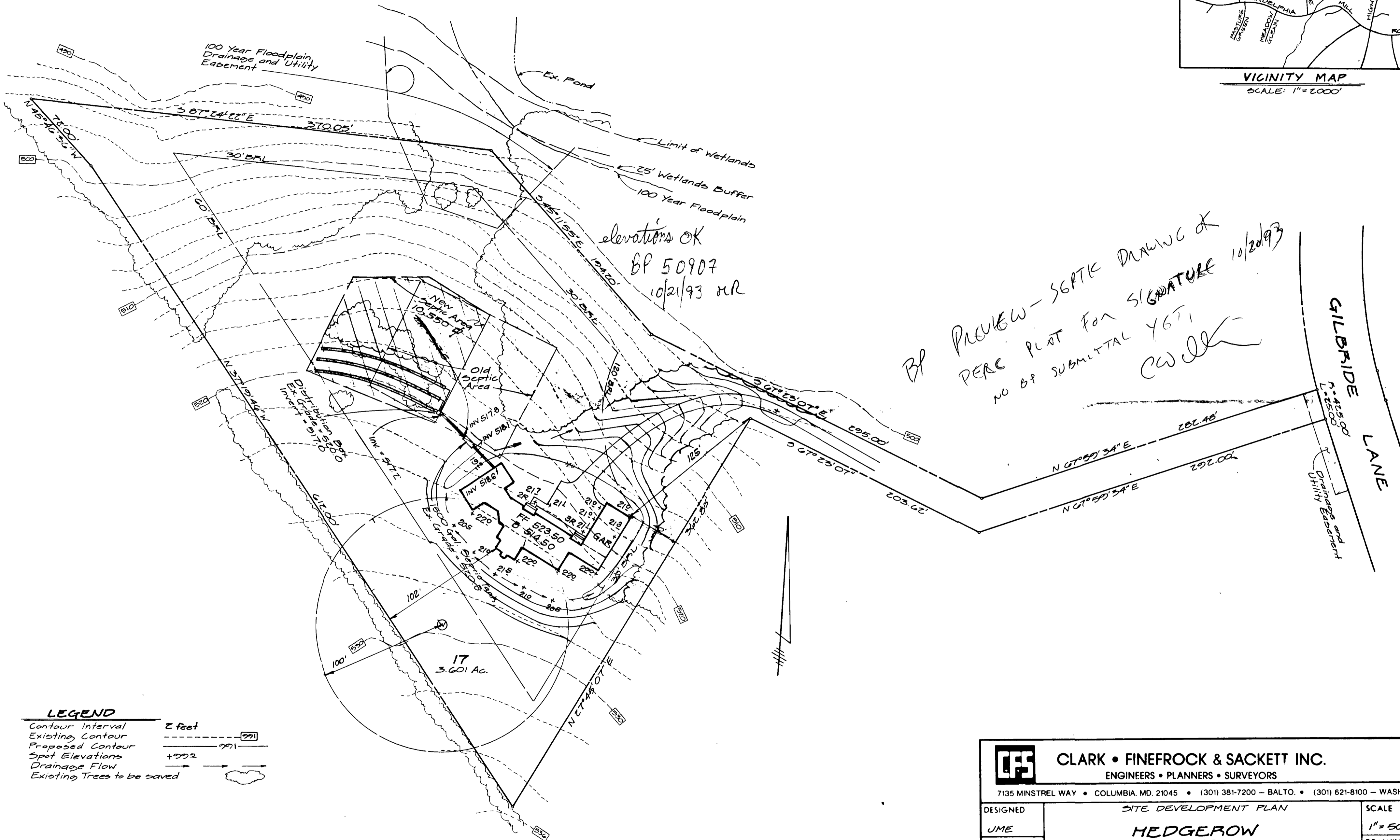
32.0'

GENERAL NOTES

- 1) Basement will not sewer by gravity
- 2) Length of Trench to be determined at time of Permit Issuance
- 3) Topography taken from plans provided by McDonough Builders
- 4) House shown has 5 Bedrooms



VICINITY MAP
SCALE: 1" = 2000'



elevations OK
BP 50907
10/21/93 MR

BP PREVIEW - SEPTIC DRAWING & PERC PLAT FOR SIGNATURE NO BP SUBMITTAL YGT, 10/20/93 CW

LEGEND

Contour Interval	2 feet
Existing Contour	---
Proposed Contour	- - -
Spot Elevations	+ 000.2
Drainage Flow	→
Existing Trees to be saved	

NO.	REVISION	DATE
2	Revised New Septic Area as per Ho. Co. Health Comm	10-18-93
1	Rotate hse reqrd, redesign septic conn.	10-1-93

CLARK • FINEFROCK & SACKETT INC. ENGINEERS • PLANNERS • SURVEYORS	
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7200 - BALTO. • (301) 621-8100 - WASH.	
DESIGNED	SITE DEVELOPMENT PLAN
JME	HEDGEROW LOT 17
DRAWN	
MCR	
CHECKED	PLAT REFERENCE: #0933 TAX MAP: #28734 PARCELS: 50, 59, 60, 89 ZONED: R 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
JME	
DATE	FOR: McDonough Builders, Inc. 4785 Dorsey Hall Drive, #117 Ellicott City, Maryland 21042
9-21-93	
	SCALE 1" = 50' DRAWING 1 of 1 JOB NO. 93-168 FILE NO. 93-168 X

8/11/93
8/23/93
10:00
1:30

APPLICATION

PERCOLATION TESTING

A 4949L

P _____

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

DISTRICT _____

DATE 8/3/93

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 John McDonough Builders, Inc

ADDRESS 4795 Dossy Hall Drive / 117 PHONE 730-0010

AGENT OR PROSPECTIVE BUYER John McDonough

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HEDGEWOOD LOT NO. 17

ROAD AND DESCRIPTION PANHANDLE LOT COMING OFF OF GILBRIDE LANE

TAX MAP 70934 PARCEL # 30, 59, 60, 89

SIZE OF LOT 3.601 AC TYPE BLDG. SFD 5 Bedrooms
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 10/21/93
Serial # 50907 - SFD

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.

(SIGNATURE OF APPLICANT)

APPROVED BY CW FOR SHALLOW SYSTEM DATE 10/20/93

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # SENT FOR SIGNATURE DATE 10/20/93 (C.F.S.)

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

THIS IS NOT A PERMIT

449496

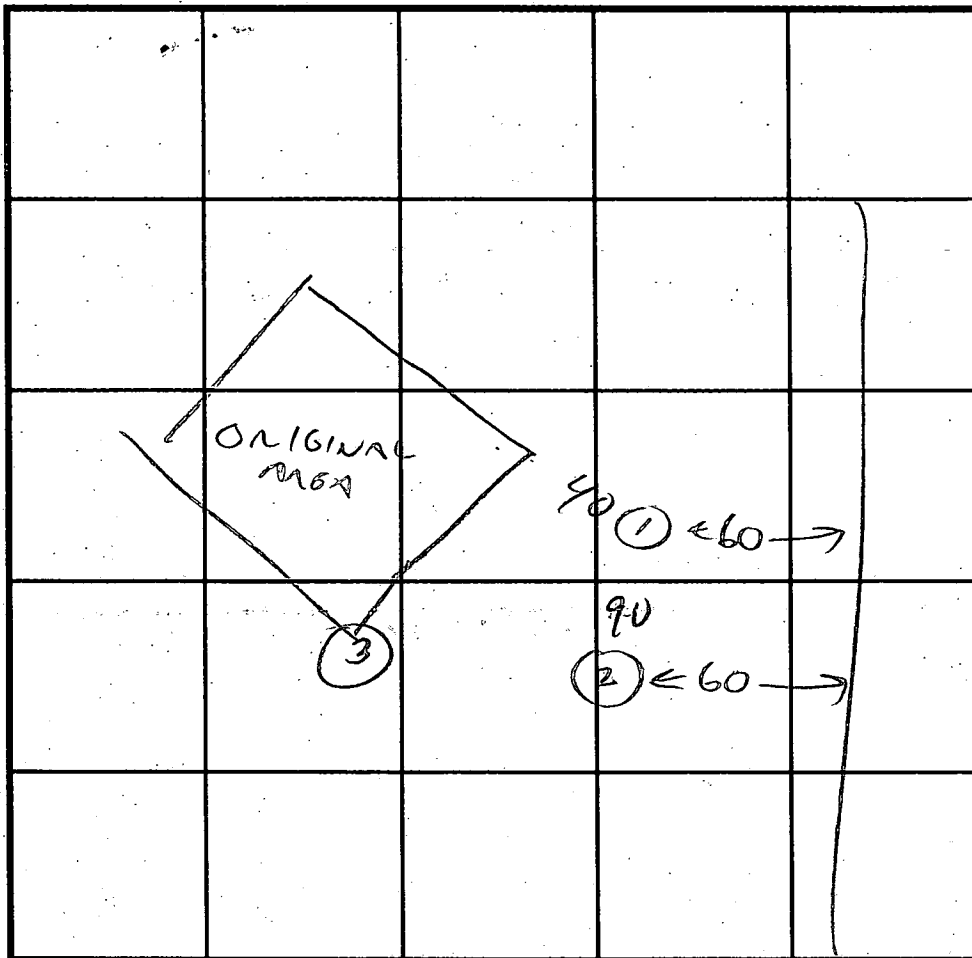
COUNTY #

SOIL PROFILE

2 1/2
 CLAY
 2
 MICA
 LOAM
 10%
 SAPPHIRE
 8 1/2
 SOLID
 BOTTOM

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

#2
 1
 2 1/2
 CLAY
 MICA
 LOAM
 20% 30%
 SAPPHIRE
 8 1/2
 SOLID
 BOTTOM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/1/93	1	3'	1:59	2:00	2:00	2:02	2 MIN	
		7'	UIS	OK				
		8 1/2'	HAND BOTTOM					
	2	3	2:01	2:02	2:02	2:05	3 MIN	
		8 1/2'						
	3	AT ORIGINAL SOIL AS SA						
		OK TO 10 1/2'						

#3
 2 1/2
 CLAY
 MICA
 LOAM
 10%
 SAPPHIRE
 10 1/2
 HARD
 BOTTOM

REMARKS OK - SHALLOW
 TYPE OF SOIL MICA
 TESTED BY OWILLA ALSO PRESENT DW - SOUTH CANAL
J. McDONOUGH
BLDN
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 MIN TRENCH WIDTH 3
 INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

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

A 40517
P _____

DISTRICT 5th
DATE 10-29-87

*11/21/88
percol test pending
approved plan
@*

*RSU(46)
ANBA
ESTABLISH(46)
#6 149496*

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 LOWRIE SARGENT

ADDRESS 13243 WESTMEATH LANE PHONE 498-4334
CLARKSVILLE, MARYLAND 21029

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION TEN OAKS LOT NO. 17 on Prelim

ROAD AND DESCRIPTION WEST OF HIGHLAND ROAD, NORTH OF TRIADELPHIA ROAD

TAX MAP 28+34 PARCEL # 60,59
30+64

SIZE OF LOT 4.0 AC. TYPE BLDG. SFD
(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 [Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located holes & SFD plan

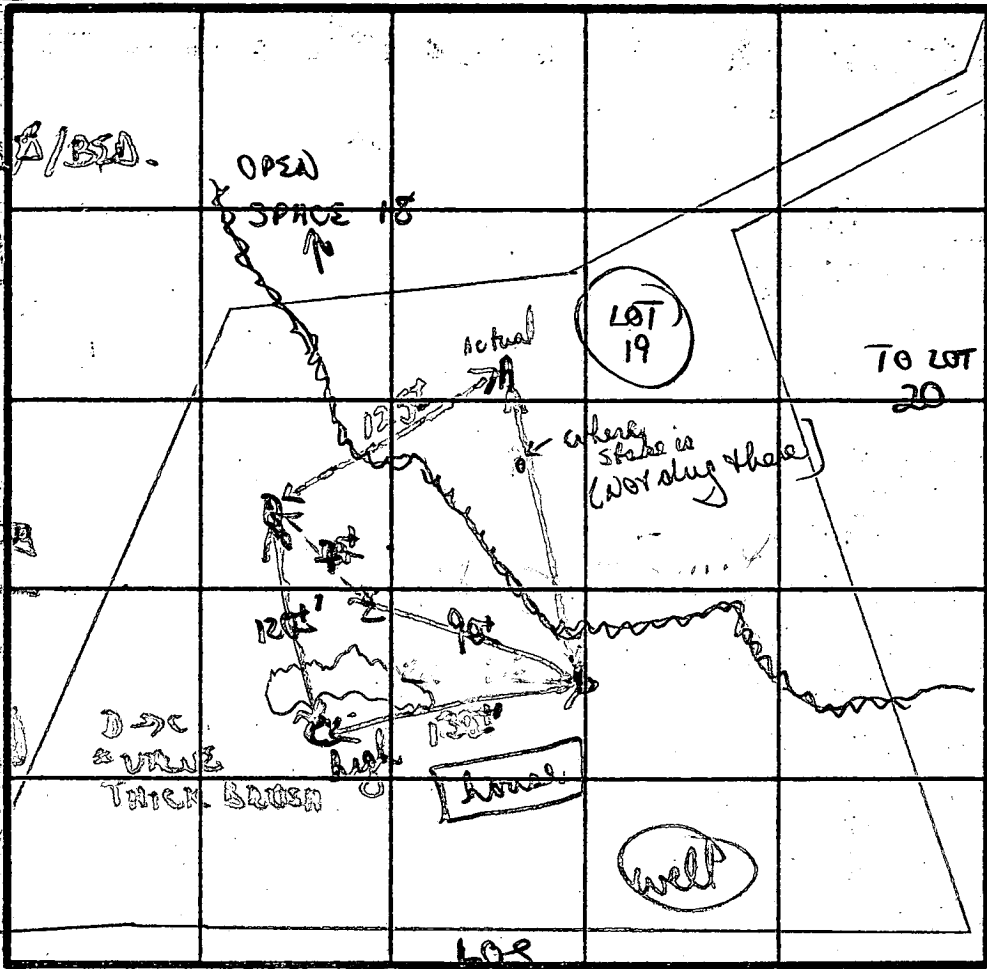
THIS IS NOT A PERMIT

SHALLOW SYSTEM

INLET 3
 MAX D 5
 $\bar{x} = 4\frac{1}{2}$ MIN
 A 150/350.

SOIL PROFILE

orange / grey
 tan clay
 silty loam
 3 1/2'
 to mostly
 tan grey silty
 mica loam
 w/ 10-15%
 ↓
 black hard
 hard frags
 11' ↓
 hard 1 1/2'



orange / purple
 clay / clay
 loam 3'
 to layered
 purple / tan
 silty w/
 black hard
 weathered
 frags 4 1/2'
 back to
 silty mica
 loam
 ↓
 11'D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

field located

Brown / tan
 silty loam
 w/ layered
 mica (some
 large) layered
 frags (20%)
 ↓ 5'
 hard 10'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/21/88	(F) A	4 1/2'	142	145	145	150	5 MIN	
		11 1/2' D	bottom (see profile)					
	c	3' S	122	125	125	128	3 MIN	
		11' D	bottom (see profile)					
	B	2 1/2' S	126	128	128	131	3 MIN	
		11' D	bottom (see profile)					
	D	3 1/2' S	128	135	135	142	7 MIN	
		10' D	hard bottom (see profile)					
	Z	3' S	138	142	142	147	5 MIN	
		11' D	bottom (see profile)					

Brown /
 orange
 clay / silty
 loam
 3'
 20% mica
 hard
 weathered
 frags

similar to
 D w/ 15-20%
 frags 4' ↓
 11'D

REMARKS: extra hole dug. A dug lower than shown on plat. 710K area SHALLOW SYSTEM ONLY

TYPE OF SOIL: Brown/orange silty clays 3 1/2'. layered weathered frags w/ silty mica loam

TESTED BY: B Nifan ALSO PRESENT: Johnny Keith

EH-12-10-88



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

August 12, 1993

Reply to:

John McDonough Builders
4785 Dorsey Hall Drive, Suite 117
Ellicott City, Maryland 21042

RE: Percolation Retest Application
Number: A49496
Hedgerow Subdivision - Lot 17
Gilbridge Lane

Dear Mr. McDonough:

Percolation testing conducted August 11, 1993 on the above referenced property indicated satisfactory soil conditions.

Approval is contingent upon submission by a registered engineer of a plan showing certified locations and elevations of all excavated test holes, the proposed adjustment to the recorded sewage disposal easement, and a suitable house and well site.

This plan should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 313-2640.

Very truly yours,

A handwritten signature in cursive script that reads "Craig Williams".

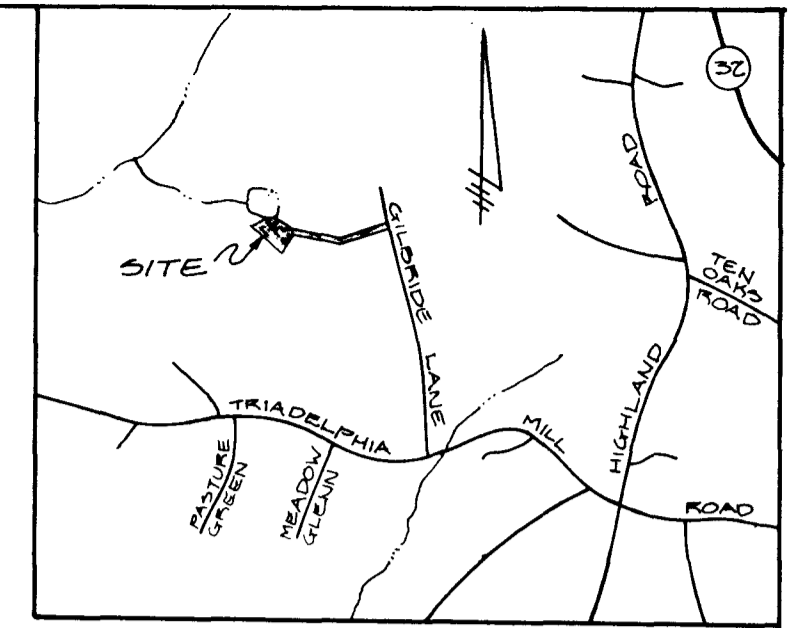
Craig Williams, Program Director
Water and Sewerage Program

CW:jr

*PLAN OK
10/20/93
(CW)*

GENERAL NOTES

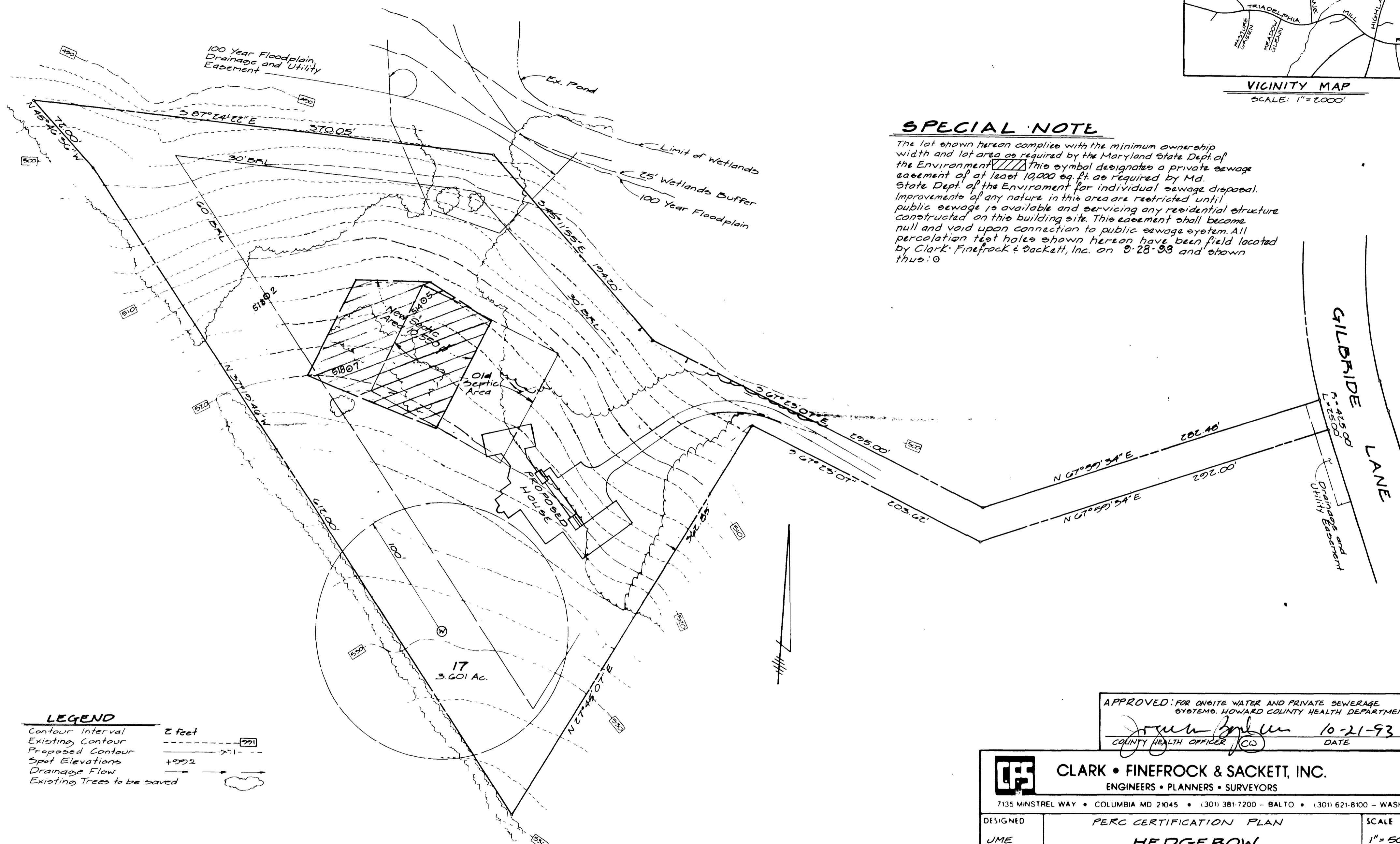
- 1) Reference Plat Number
- 2) Length of Trench to be determined at time of Permit Issuance
- 3) Topography taken from plans provided by McDonough Builders
- 4) The new perc hole locations were located by CLARK FINEFROCK & SACKETT, INC. on
- 5) All existing walls and septic within 100' of the property line boundaries have been shown.



VICINITY MAP
SCALE: 1" = 2000'

SPECIAL NOTE

The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland State Dept. of the Environment. This symbol designates a private sewage easement of at least 10,000 sq. ft. as required by Md. State Dept. of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available and servicing any residential structure constructed on this building site. This easement shall become null and void upon connection to public sewage system. All percolation test holes shown hereon have been field located by Clark Finefrock & Sackett, Inc. on 9-28-93 and shown thus: O



LEGEND

- Contour Interval 2 feet
- Existing Contour [dashed line]
- Proposed Contour [solid line]
- Spot Elevations +99.2
- Drainage Flow [arrow]
- Existing Trees to be saved [cloud symbol]

APPROVED FOR ON-SITE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joseph [Signature] 10-21-93
COUNTY HEALTH OFFICER (CW) DATE

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7200 - BALTO • (301) 621-8100 - WASH

DESIGNED	PERC CERTIFICATION PLAN	SCALE
UME	HEDGEROW LOT 17	1" = 50'
DRAWN		DRAWING
MCR		1 of 1
CHECKED	PLAT REFERENCE: #8933 TAX MAP: #08734 PARCELS: 50, 59, 60, 69 ZONED: R 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO
UME		93-168
DATE	FOR: McDonough Builders, Inc. 4783 Dorsey Hall Drive, #117 Ellicott City, Maryland 21042	FILE NO
9-21-93		93-168 X

Revise Area of 'New Septic Esm't as per Ho.Co. Health 10-18-93

C1 1283

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 A 40517

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 017491

22 26 400 (TO NEAREST FOOT)

28 37 40-88-1145

OWNER: McDonough, John; STREET OR RFD: Gilbride La; TOWN: Bayton; SUBDIVISION: WENGELOW; SECTION: ; LOT: 17

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, Brown Slate, Brown Mica, Gray Mica, Brown Mica, Gray Mica, Flint, Gray Mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 15, NO. OF POUNDS: 1500, GALLONS OF WATER: 75, DEPTH OF GROUT SEAL: from 0 to 4 ft.

CASING RECORD: casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE: ST, Nominal diameter top (main) casing (nearest inch): 4, Total depth of main casing (nearest foot): 47.

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

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

Table for SCREEN DEPTH (nearest ft.) with columns 1-51 and rows 1-3.

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...

DRILLERS IDENT. NO. 40; DRILLERS SIGNATURE; SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3; DIAMETER OF SCREEN (NEAREST INCH); 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.), W Q (74, 75, 76); TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

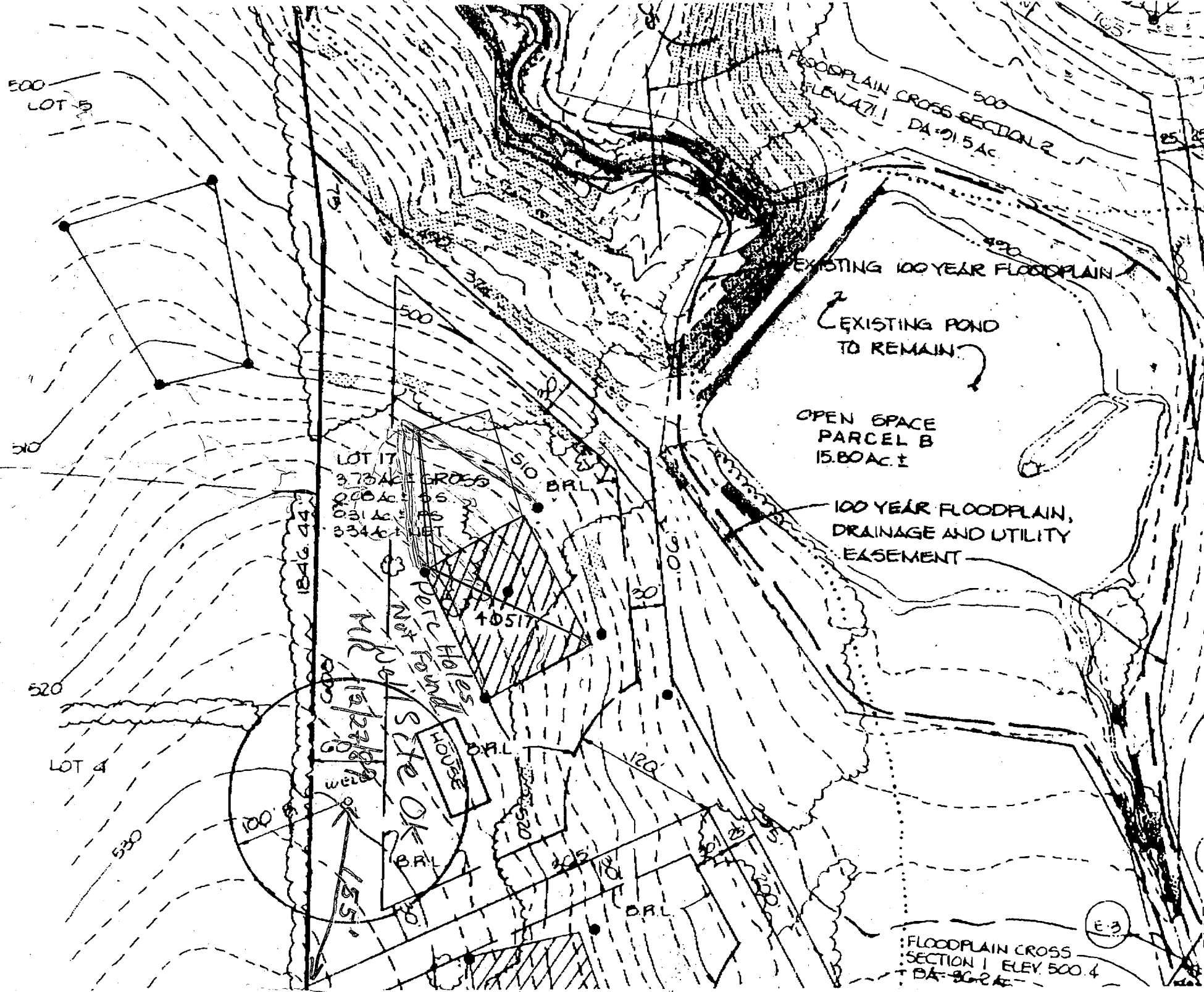
PUMPING TEST: HOURS PUMPED (nearest hour) 3; PUMPING RATE (gal. per min. to nearest gal.) 6; METHOD USED TO MEASURE PUMPING RATE: Bucket; WATER LEVEL (distance from land surface) BEFORE PUMPING: 42; WHEN PUMPING: 167; TYPE OF PUMP USED (for test): S (submersible).

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).

COUNTY

SABINE PROPERTY
PLAT NO. 9710



FLOODPLAIN CROSS
SECTION 1 ELEV. 500.4
DA-26.2 AC

12/05/85
12/36
0301 987 3283

RIEMER GROUP

0002

B 1 5385

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-88-1145

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

please print or type

fill in this form completely

Date Received (APA)

12/18/89

OWNER INFORMATION

McDONOUGH JOHN BETH

6310 STEPHENS FOREST

COLUMBIA MD 21044

B 3

LOCATION OF WELL

HOWARD

HEDGEROW

SECTION LOT 17

DAVEN

2 MI

DRILLER INFORMATION

George F. Easterday

40

Driller's Name 77 License No. 80

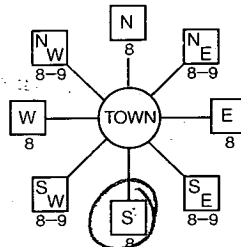
L. Franklin Easterday, Inc.

9265 Brown Church Rd., MT. Airy, MD. 21771

Signature Date 12/14/89

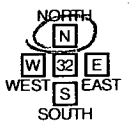
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



GILBRIDE LN

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



250 DISTANCE FROM ROAD

ENTER FT or MI FT

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

A40517

STATE SIGNATURE DATE ISSUED 010890 Mark E. Ripkin 7/8/90
NORTH GRID 506000 EAST GRID 0803000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered) JETTED Jettied & Driven
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER

FORCE MR PERMIT No. HO-88-1145

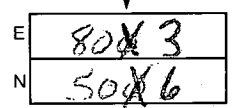
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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

