

SEPTIC SYSTEM TO BE INSTALLED
FIRST BEFORE BUILDING PERMIT
CAN BE SIGNED.

PERMIT

P 37087

A 33532

*Late AM
6/25/86
Worn*

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

900-2000 461-9933

05-39666

INDEXED

*6/26/86
House complete
still needed*

ELLICOTT CITY

DISTRICT 5th

DATE 5/29/86

Chuck Ashby IS PERMITTED TO INSTALL ALTER

ADDRESS 5755 Oklahoma Road, Sykesville, Maryland 21784 PHONE 781-6075

SUBDIVISION Brighton Pines I ROAD 13731 Lakeside Drive LOT 18

PROPERTY OWNER Norman and Katrine Shorb Gordon Wells

ADDRESS 14225 Clarksville Pike, Highland, Maryland 20777

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1500 ~~7000~~ GALLONS NUMBER OF BEDROOMS 2.5

*SEPTIC PERMIT 3BR
HOUSE PLAN FOR SBR
MORE SYSTEM NEEDED*

TRENCHES - 194 sq. ft. sidewall area per bedroom. Trench to be 2 ft. wide. Inlet 4 ft. below original grade. Bottom maximum depth 8 ft. below original grade. Effective area begins 4 ft. below original grade. 4 ft. of stone below distribution pipe. Start the first trench 140 ft. from the front lot line and 80 ft. from the right lot line as seen when facing the lot from Lakewide Drive. Run trenches along level ground toward front of property. NO TRENCH TO EXCEED 100 FEET IN LENGTH. IF MORE THAN ONE TRENCH USED, A DISTRIBUTION BOX IS REQUIRED. CALL FOR INSPECTION BEFORE AND AFTER GRAVEL IS INSTALLED.

7/31/86 Uninstalled sept before build. permit. Uninstalled for 3BR's house plan/permit SBR's; Will require addition 97' of trench before approval of sept of occupancy permit issued.

PLANS APPROVED BY Craig Williams DATE 2/15/85

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 33532

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33532

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5

DATE 1-30-84

Its recommended the system be installed 1st due to Septic area being higher than house site INLET MAX. 4' DEEP

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 ANNA Mac Carthy

ADDRESS 4100 Cathedral Ave DC 20016 PHONE 202-363-2723

PROPERTY LOCATION: BRIGHTON PINES SEC I AREA I

SUBDIVISION Druppert Prop LOT NO. 43 18

ROAD AND DESCRIPTION Nichols Dr.

SIZE OF LOT 3A TYPE BLDG. SFD
(NUMBER OF BEDROOMS)

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.

Richard Permitt 405-0842
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

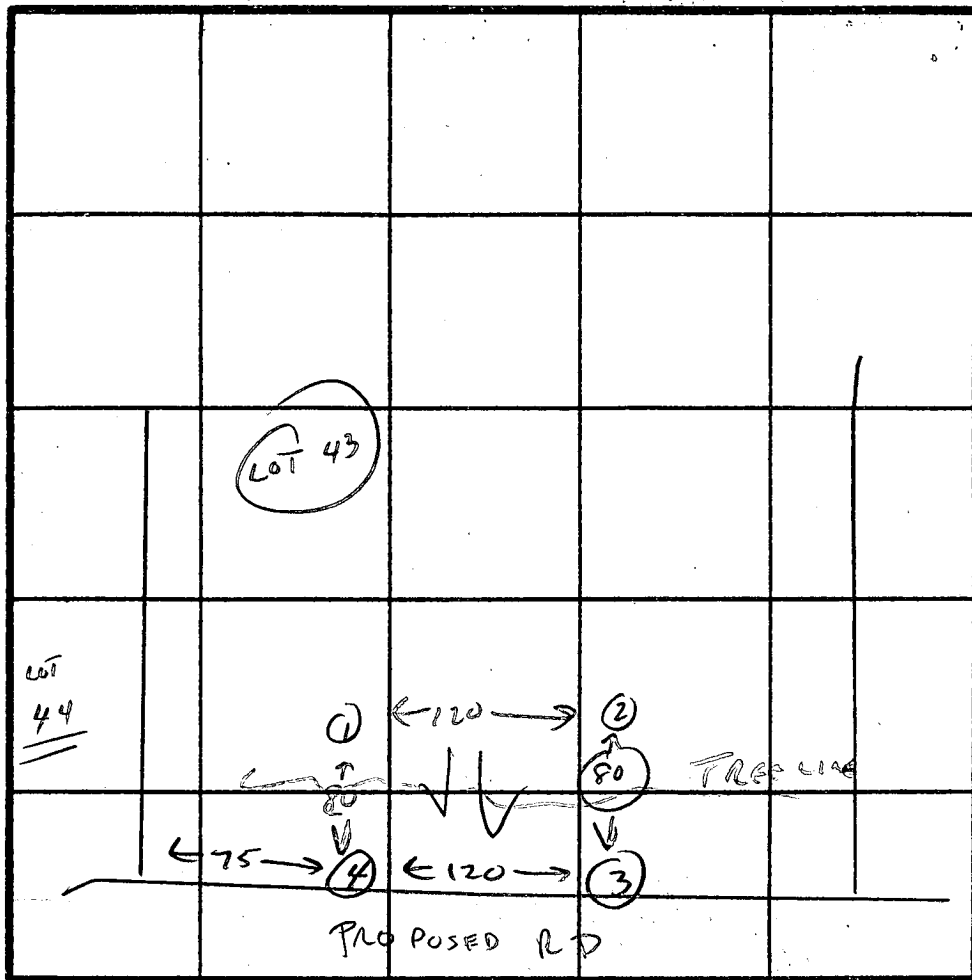
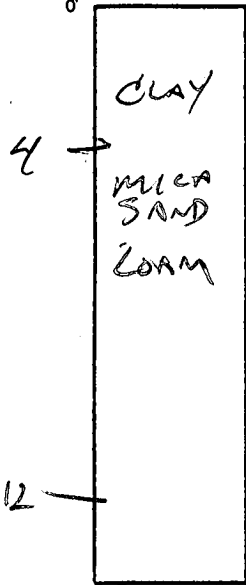
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT. SIGNED
AND RETURNED 1/21/84
Serial # 07874

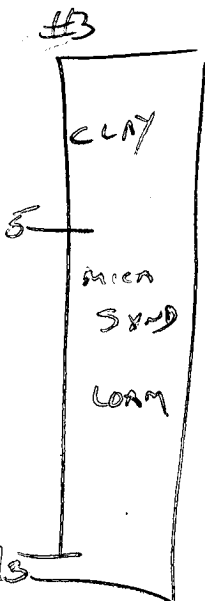
THIS IS NOT A PERMIT

1-2-4

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-22-84	17	4	1:58	2:16	2:16	2:30	14 MIN
		8	1:58	2:00	2:00	2:02	2 MIN
		12	SAND LOAM				
2-22-84	2	4	2:02	2:04	2:06	2:08	2 MIN
		8	SAND LOAM				
		12	SAND LOAM				
2-22-84	3	5	1:59	2:07	2:07	2:21	14 MIN
		9	1:59	2:02	2:02	2:05	3 MIN
		13	SAND LOAM				
2-22-84	4	4	2:02	2:09	2:09	2:27	18 MIN
		8	2:11	2:14	2:14	2:18	4 MIN
		12	SAND LOAM				

(GOOD SAND BY 5')

✓

✓

✓

✓

EH-12-1079

REMARKS _____

TYPE OF SOIL CLAY CHANGING TO SAND LOAM

TESTED BY CWILSON ALSO PRESENT PHIL

B 1 3202 SEQUENCE NO. (OEP USE ONLY)
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-7 ON ALL CARDS

STATE OF MARYLAND PERMIT TO DRILL WELL *ZMD*
please print or type

OEP PERMIT NUMBER
H0-81-1184
fill in this form completely

Date Received 09/19/85
OWNER INFORMATION
WELLS GORDEN
3134D West-Spring Dr.
ELLICOTT CITY MD 21043

B 3 LOCATION OF WELL
HOWARD COUNTY
BRIGHTON PINES
SECTION 44 46 LOT 18
DAVTON
MILES FROM TOWN (enter 0 if in town) 2 1/4 MI

DRILLER INFORMATION
Joseph L. Mayne
238
77 License No. 80
Joseph L. Mayne Well Drilling
5512 Ridge Rd. Mt. Airy, Md. 21771
Joseph L. Mayne 9/19/85

B 4 DIRECTIONS OF WELL FROM TOWN (CIRCLE BOX)
TOWN
NEAR WHAT ROAD
Take Side Drive
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
250
DISTANCE FROM ROAD
ENTER FT or MI

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A 33532
COUNTY NAME COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 09/23/85
CO SIGNATURE EXP. DATE
NORTH GRID 499000 EAST GRID 0802000

USE FOR WATER (CIRCLE APPROPRIATE BOX)
HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

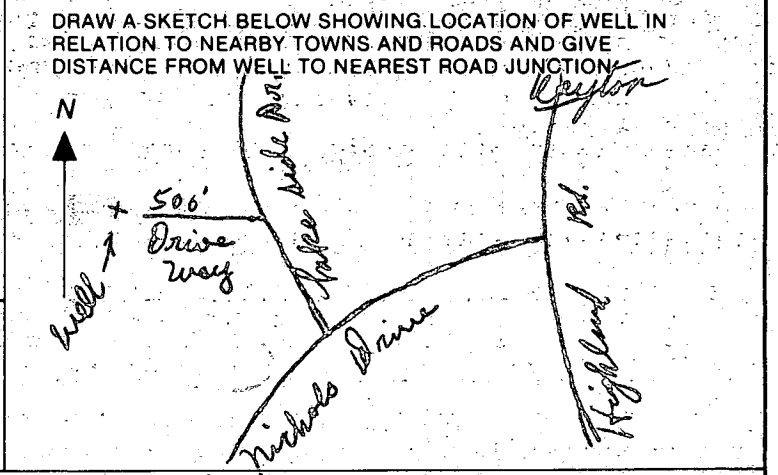
APPROXIMATE DEPTH OF WELL 240 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY Drive-POINT
other

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
800 2
490 9
10/18/85 casing at 128' space to 50' well site located per plot 160 sample taken 16 bags cement

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
THIS WELL WILL DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE CW WRITE INITIALS IN BOX PERMIT No. H0-81-1184

SPECIAL CONDITIONS

C1 1992
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (OEP USE ONLY)

**STATE OF MARYLAND
 WELL COMPLETION REPORT**
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

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

COUNTY NUMBER A33532

DATE Received [] [] [] [] [] []
 DATE WELL COMPLETED 01885

Depth of Well 245
 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
HC-81-1184

OWNER WELLS GORDON
 STREET OR RFD last name LAKE SIDE DR first name TOWN Dayton
 SUBDIVISION Brighton Pines SECTION I LOT 18

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	
BROWN SHALE	0	30	
SAND	30	121	
GRAY MICHA ROCK	121	245	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS 16 NO. OF POUNDS 1584
 GALLONS OF WATER 96
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 30 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO** **PL** **OT**
 STEEL CONCRETE PLASTIC OTHER
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
S 7 **G** 6 128
 60 61 63 64 66 65 70

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

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

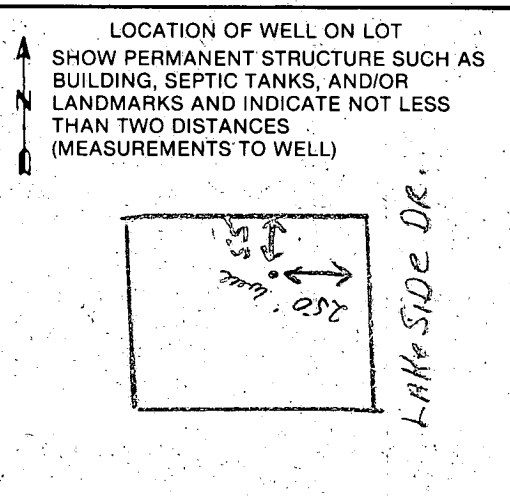
C2
 DEPTH (nearest ft.)
 1 **H** 0 121 245
 8 9 11 15 17 21
 2 [] [] [] [] [] []
 23 24 26 30 32 36
 3 [] [] [] [] [] []
 38 39 41 45 47 51
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN [] [] [] [] (NEAREST INCH)
 56 60

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.) WQ
 70 [] 72 [] 74 [] 75 [] 76 []
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) 6
 PUMPING RATE (gal. per min. to nearest gal.) 32
 METHOD USED TO MEASURE PUMPING RATE bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 29 WHEN PUMPING 220
 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) **+** above } LAND SURFACE (nearest foot) 1
- below }

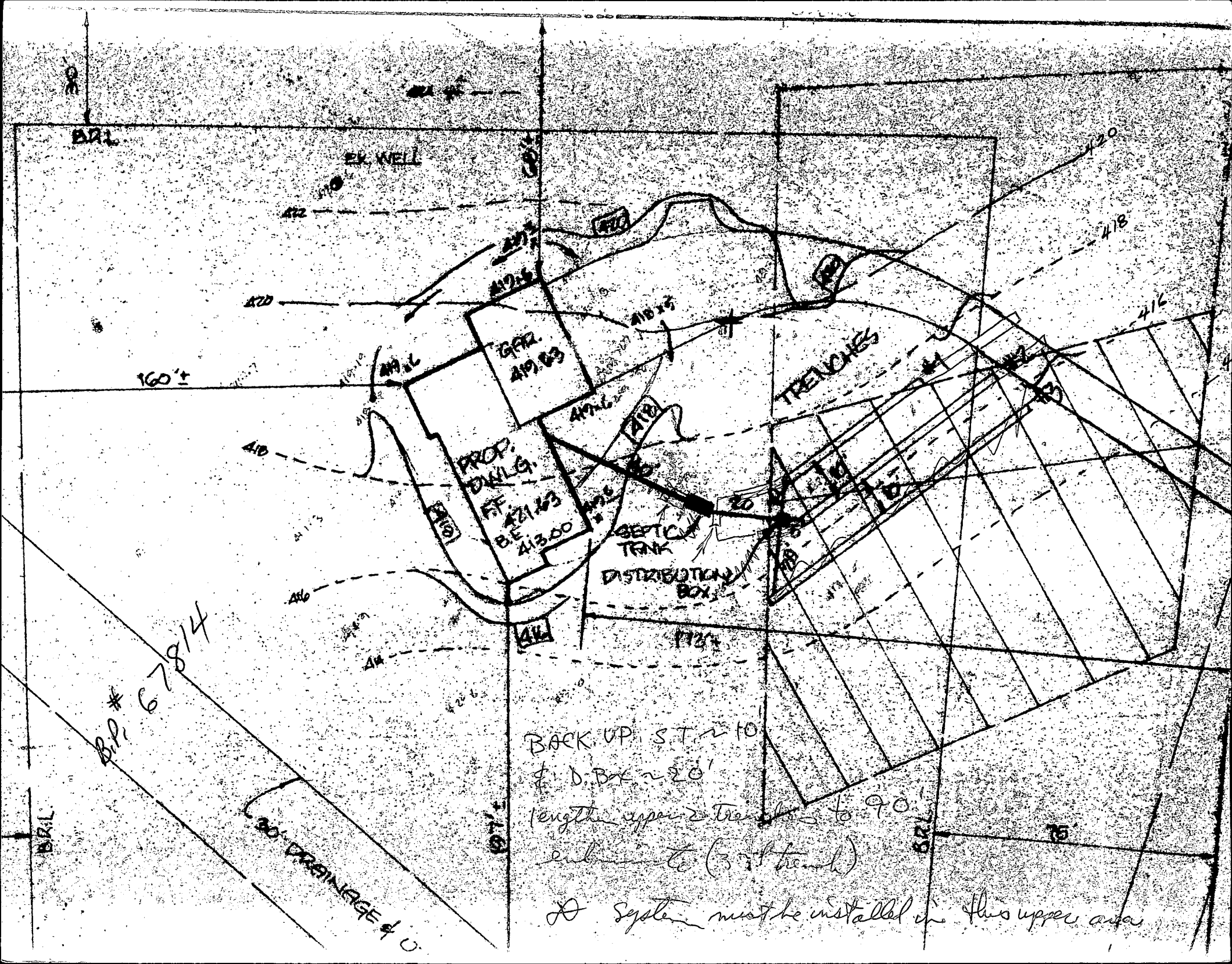


CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I 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. 238
Joseph P. Marpe
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



BRL

WELL

160'

PROP. DWLG.
FT. 421.63
B.E. 413.00

SEPTIC TANK
DISTRIBUTION BOX

TRENCHES

B.P. # 67814

30' DRAINAGE

BACK UP S.T. ~ 10'
& D. BOX ~ 20'
length upper 2 trenches to 90'
curb to (3rd trench)
A system must be installed in this upper area

BRL

DIST. BOX
 EXIST. & PROP. ELEV. = 491.00 ✓
 INVERT = 487.50 ✓
 TOP STONE = 487.40 ✓
 BOTTOM STONE = 486.40 ✓

TANK
 EXIST. & PROP. ELEV. = 499.00 ✓
 INVERT OUT = 488.40 ✓
 INVERT IN = 488.10 ✓
 INVERT AT HOUSE = 489.10 ✓

7/31/84
 ELEVATIONS OF
 STAKE
 Permit for SBR
 SS installed for 30' BRL
 DO NOT APPROVE
 or issue occupancy permit
 until system enlarged
 30' BRL system enlarged
 S. Han

BLDG. PERMIT SIGNED
 AND RETURNED *7/31/84* S. Han

Bl # 72017

LOT NO. 18
 3.447 ACRES ±

LOT NO. 19

N 13°42'40"E

S 84°04'58"W

N 75°55'51"E

275.47'

S 04°05'00"E

418.11'

30.0' DRAINAGE & UTILITY EASEMENT

