

Approved

11/16/82

BH

P 32174

A 31815

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

02-279146

ELLICOTT CITY

DISTRICT 2nd

DATE 9/16/82

INDEX

Ronald E. Phelps IS PERMITTED TO INSTALL X ALTER

ADDRESS 339 Gatewater Court - Apt. 304 PHONE 760-8929

SUBDIVISION ROAD 8369 Old Frederick Road LOT 2

PROPERTY OWNER Ronald E. Phelps

ADDRESS _____

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

Dry Well & Trench SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 100 FT. FROM front LOT LINE AND 50 FT. FROM right LOT LINE AS SEEN WHEN FACING LOT FROM Old Frederick Road.

Add a trench off dry well to make necessary additional absorbent area after a 5 ft. earth buffer. Ditch is to be 10 ft. deep below original grade, with inlet at 4 ft. deep below original grade and filled with 6 ft. of stone. Run ditch on level ground toward perc. hole #5 which is located 65 ft. from the right lot line and 150 ft. from the front lot line as seen when facing the lot from Old Frederick Road. Call for 2 inspections - before and after stone is installed.

PLANS APPROVED BY Raymond Hodges DATE 5/5/82

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

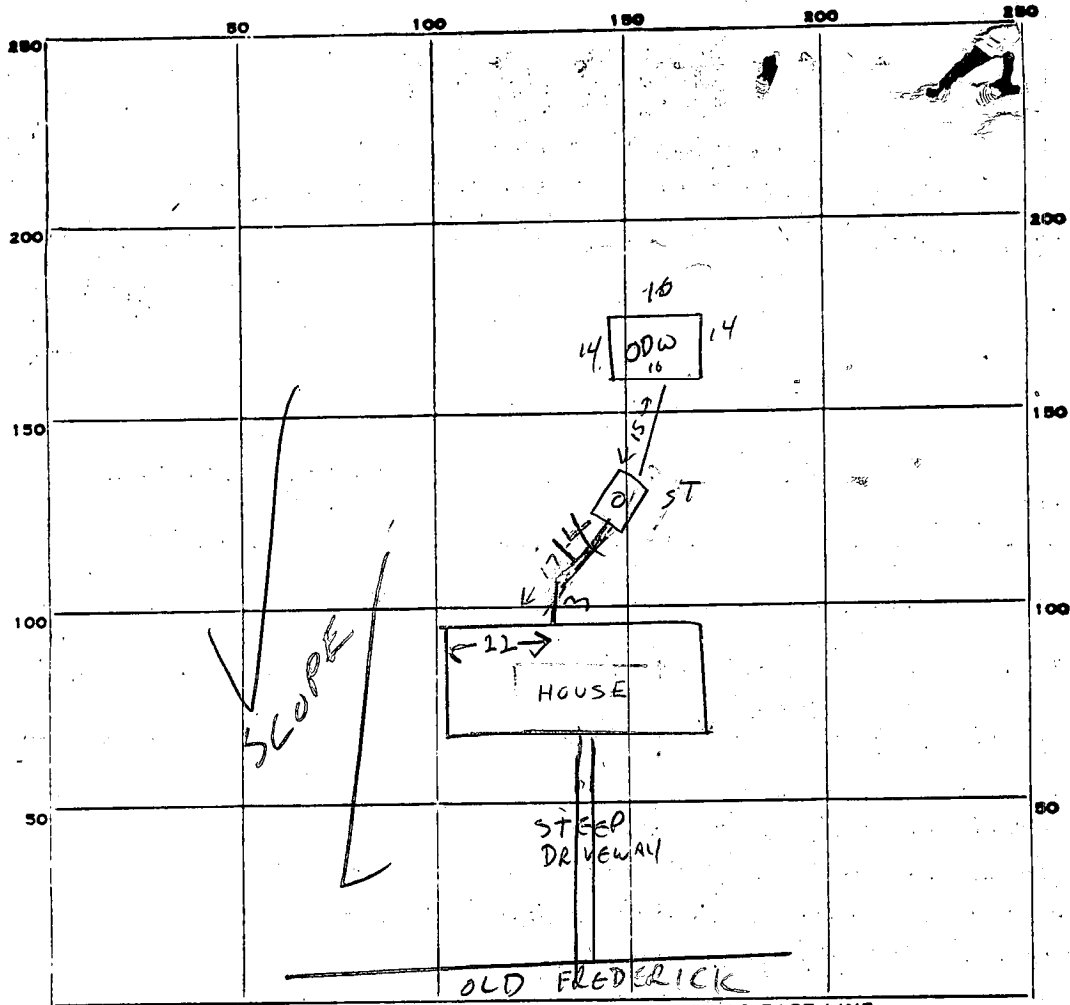
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

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

A 31815



PERMIT CARD _____

SEPTIC TANK, LEVEL _____

CLEANOUTS DW ST _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 6 1/2 FT.

ABSORBENT AREA 390 SQ. FT.

REMARKS DW TO 3 1/2 FT BELOW GRADE - INLET 4 1/2 B.G.

NEED TO SEE HOUSE CONNECTION, 11-12-82 CW

(SEPTIC FIELD IS HIGHER THAN HOUSE. ELEVATIONS ARE CRITICAL)
11/16/82 CAST IRON HOUSE SEWER OK
PIPE IS ABOVE GROUND BUT CAN BE
COVERED.

DATE SYSTEM APPROVED 11/16/82 INSPECTOR Raymond G. Lodge

3/9/82
9:30 AM
pleist

APPLICATION

A 3/18/82

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 2nd

DATE 3/4/82

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 Ronald E. Phelps

ADDRESS 339 Gatewater Ct. Apt 304 PHONE 760-8929

PROPERTY LOCATION:

SUBDIVISION Old Frederick Rd. - Southside LOT NO. #2

ROAD AND DESCRIPTION of Old Frederick Road + East of Daniels Rd.

SIZE OF LOT 3 Acres M/L TYPE BLDG. 2 Bedrooms
(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. Ronald E. Phelps
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

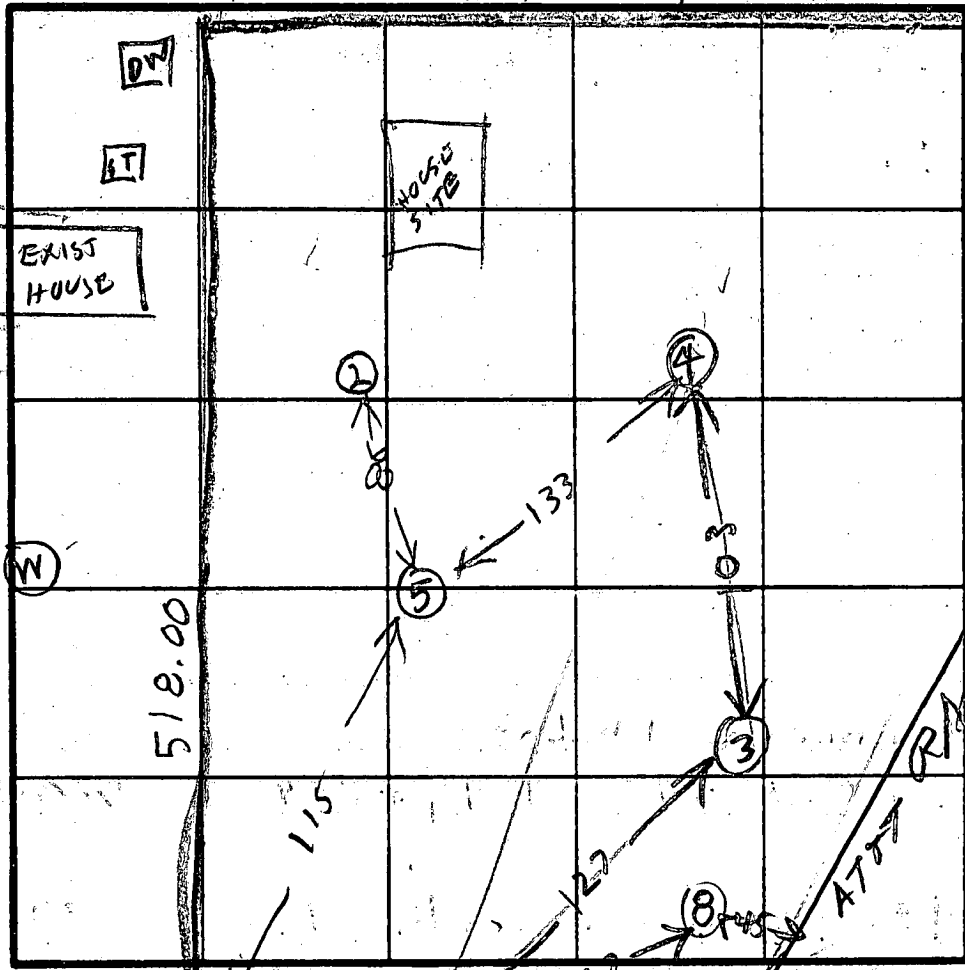
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SEE
PLAN 7

FRONT

N 77° 18' 45" E



SOIL PROFILE

ALL SAND
SMALL
ROCKS

SAND
&
SMALL
ROCK

ALL
SAND

INDICATE NORTH - NAME ADJOINING ROAD AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/9/82	5 S	3 1/2	1005	1006	1006	1009	2	
	5 V	13	SEE SOIL PROFILE					
	6 S	4	1017	1021	1021	1026	5	
	6 V	9	SEE SOIL PROFILE					
	7 S	3	1032	1033	1033	1036	3	
	7 V	13 1/2	SEE SOIL PROFILE					
3/9/82	8 V	12 1/2	ALL SAND					

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. HODGES ALSO PRESENT Thelma Orndorff

E112109

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30691

P _____

HOWARD COUNTY HEALTH DEPARTMENT SYSTEM FIRST
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 5/21/80

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 EVELYN + M. Phelps

ADDRESS 8879 Old Frederick Rd. PHONE 465-1327

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. #2

ROAD AND DESCRIPTION Old Frederick Road - South side of Old Frederick Road + East of Daniels Road

SIZE OF LOT 3 Acres m/l TYPE BLDG. 3 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.

SIGNATURE OF APPLICANT Ronald Edward Phelps

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

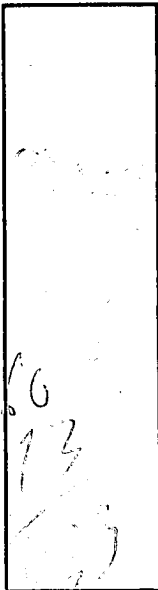
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/26/80 - PERC TIME OK HOLD FOR CERTIFIED PLAT R14

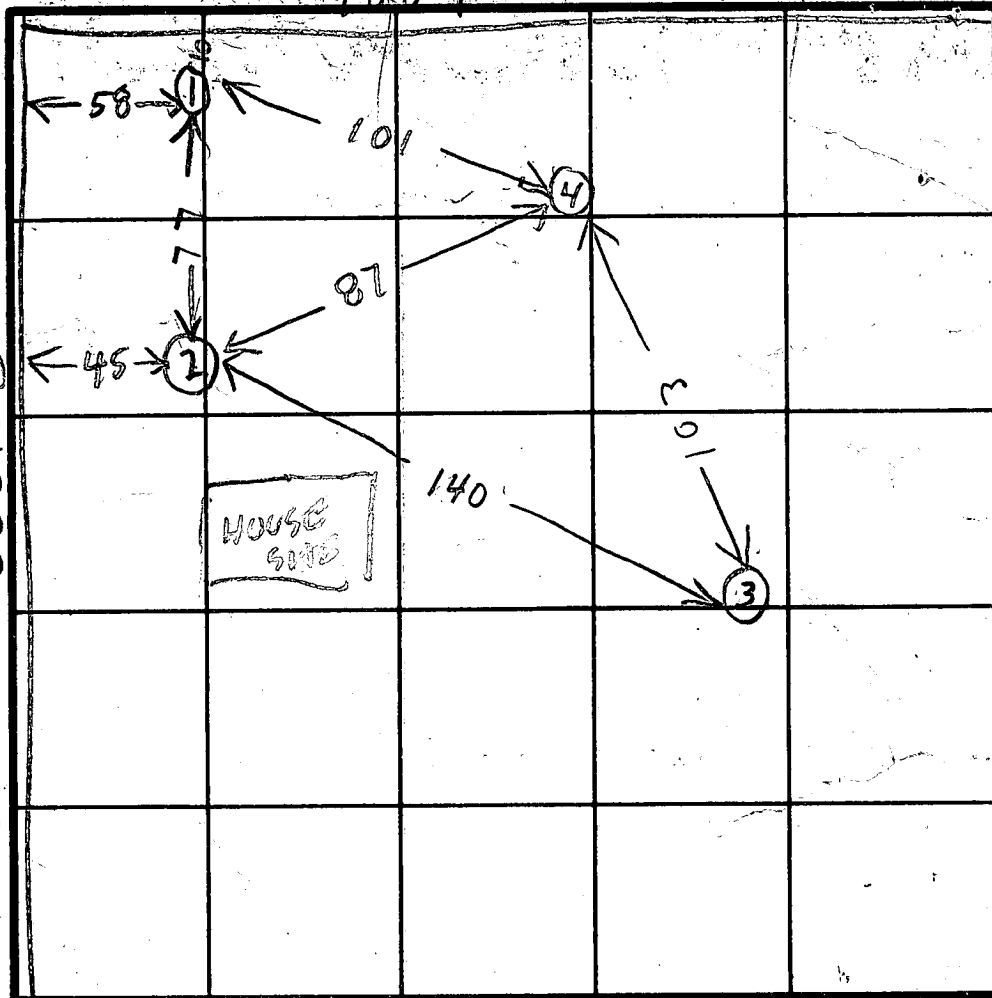
THIS IS NOT A PERMIT

400 +

SOIL PROFILE



606.50



HOLE ELEVATIONS

② HIGHEST

① = NEXT HIGH

③④ = LOW ABOUT SAME

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

System First
 2/26/80 F.S.
 inv. 3 ft
 max 4 ft to 10 ft

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/26/80	1S	3	1048	1053	1053	1008	15
	1D	1 1/2	1048	1053	1053	1059	6
	2S	3 1/2	1052	1053	1053	1056	3
	2D	7 1/2	1052	1054	1054	1057	3
	2V	14	ALL SAND				
	3D	8 1/2	1029	1033	1033	1037	4
	3S	3 1/2	1040	1041	1041	1044	3
	3V	13	ALL SAND				
5/26/80	4V	12	ALL SAND				

NO OVERFLOWING SEWAGE ON EXISTING HOUSE

REMARKS VISUAL HOLE DUG ON EXISTING PROPERTY

BETWEEN TANK & BARN WAS OK

TYPE OF SOIL 1 FT DEEP ALL SAND

RONALD E PHELPS

ANN - MARIE PHELPS

EVERLYN HELPS

TESTED BY R. HODGES

ALSO PRESENT R. BARTH

COPY TO BARTH

House?
PROPERTY Line

461

\$300.00
↓
\$400.00

Right Side

Front Line

LITTLE FRONT

8/16/82

EMERGENCY/TEMP. NO. IF ANY

B 1 9500 SEQUENCE NO. (OEP USE ONLY) 9:30 A.M.

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

H0-73-4232

THIS NUMBER IS TO BE PRINTED IN COLS. 3-6 ON ALL CARDS

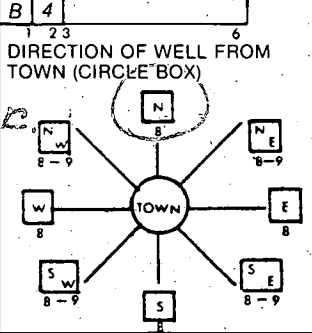
please print or type

fill in this form completely

Date received 8/13/82 9:30 A.M. OWNER INFORMATION PHILLIPS RONALD 8220 RITCHIE HIGHWAY PASADENA Md 21122

LOCATION OF WELL COUNTY Howard SUBDIVISION Phelps Property SECTION Map 18, P.C. 357 LOT 2 NEAREST TOWN ELlicott CITY MILES FROM TOWN 5

DRILLER INFORMATION Ronald L. Kyker 296 WESTM. ROTARY WELL DRILLING, INC. P.O. Box 861 WESTMINSTER, Md. 21157

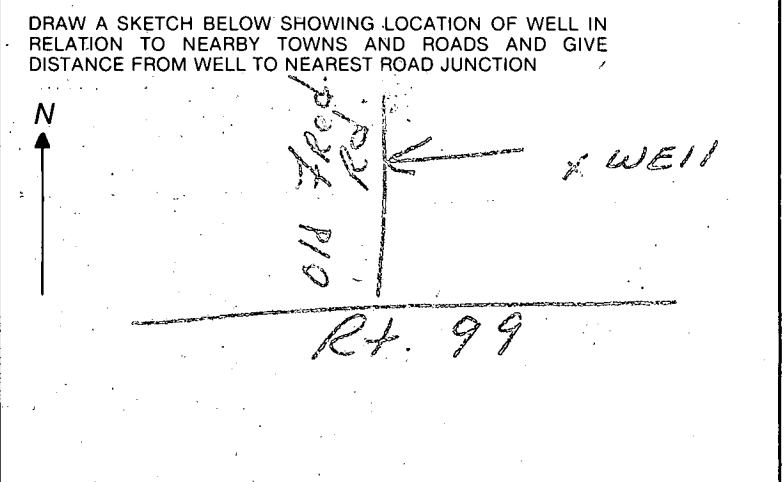


8379 Ch. Frederick NEAR WHAT ROAD ON WHICH SIDE OF ROAD WEST 720 DISTANCE FROM ROAD

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 550

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER WRITE THE BOX NUMBER FROM THE MAP HERE 8506 5306

- 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 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one) BORED (OR AUGERED) JETTED JETTED & DRIVEN AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE ROTARY DRIVE POINT

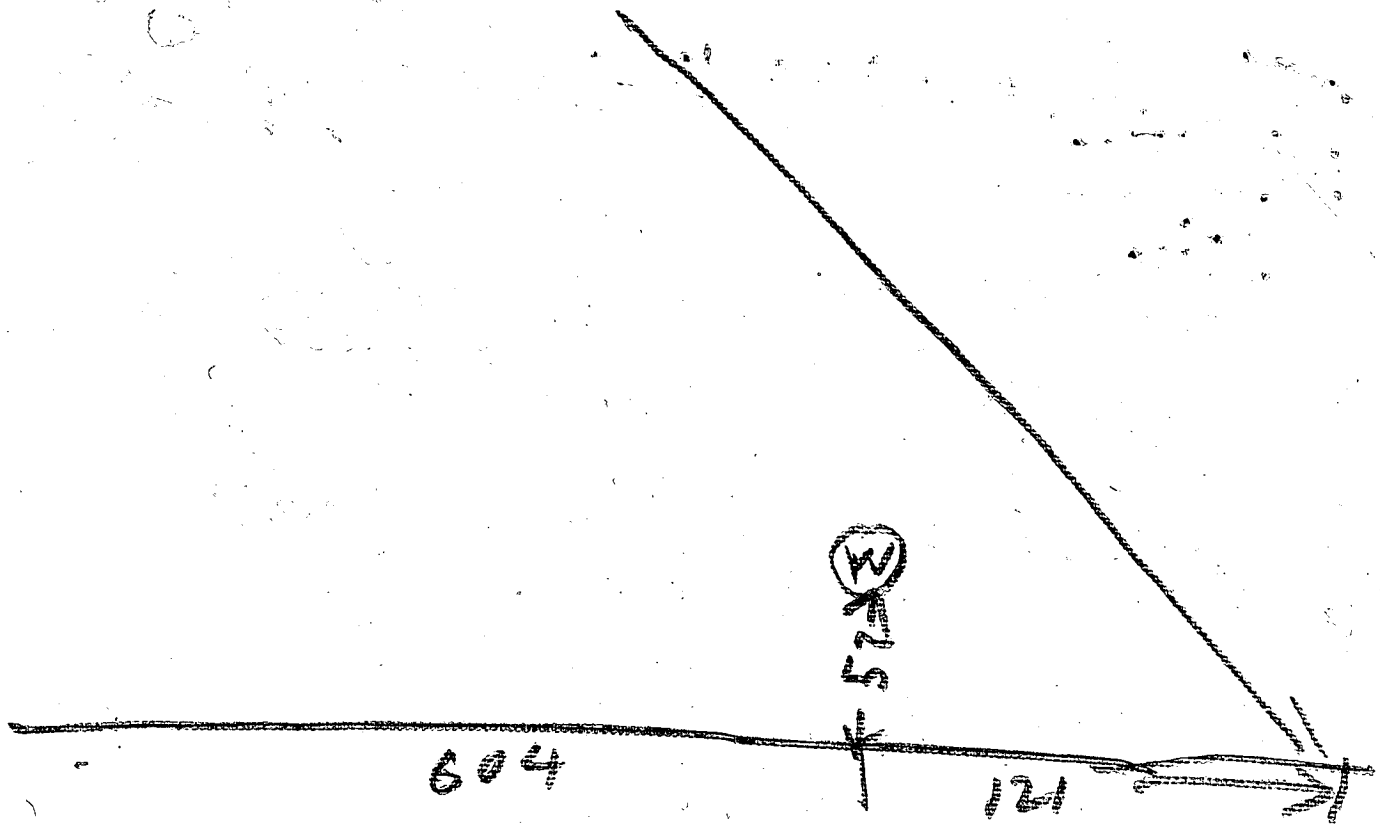
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME 31815 COUNTY NO. OEP SIGNATURE DATE ISSUED 8/23/82 CG SIGNATURE STATE HEALTH CIRCLE BOX 41 NORTH GRID 536 EAST GRID C856 EXPIRES 01-28-83

Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE FS WRITE INITIALS IN BOX PERMIT No. H0-73-4232

SPECIAL CONDITIONS 8-63

2



① Well location changed from plan
 But decided it was OK under circumstances
 Far enough away from pipe area
 but elevation too low necessary
 for bulldozer to dig out level
 spot for well

② 27 FT casing 3 FT out of ground

③ 22 FT open hole

④ 10 BAGS

⑤ WELL OK

Sample Tubes

H 907
 well feed OK

8116182
 Pit

Date Received (OEP use only) _____ DATE WELL COMPLETED **081682** Depth of Well **250** PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-73-4232**
 (TO NEAREST FOOT)

OWNER **Phelos** **Ronald**
 last name first name
 STREET OR RFD **Old Fredrick Road** TOWN **Ellicott C.**
 SUBDIVISION **Phelos Property** SECTION **map 18, par. 357 lot. 2**

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	
Dirt	0	2	
Soft Brown Mica	2	20	
Blue Sandstone	20	69	
Brown	69	70	X
Blue	70	210	
Brown	210	211	X
Blue Sandstone	211	250	

GROUTING RECORD
 WELL HAS BEEN GROUTED YES NO
 (Circle Appropriate Box)
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS **10** NO. OF POUNDS **900**
 GALLONS OF WATER **60**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **25** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 STEEL CONCRETE
 PLASTIC OTHER
 MAIN CASING TYPE S T
 Nominal diameter top/main casing (nearest inch) **6** Total depth of main casing (nearest foot) **27**

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

SCREEN RECORD
 screen type or openhole insert appropriate code below
 STEEL BRASS OPEN HOLE
 BRONZE PLASTIC OTHER

C2 Seq. no. _____
 DEPTH (nearest ft.) HO **27** **250**

CIRCLE APPROPRIATE BOX
 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.

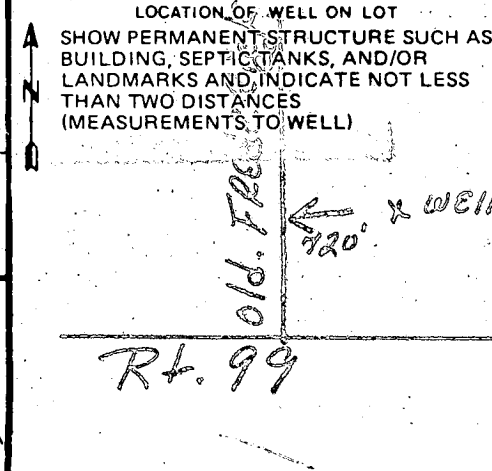
DRILLERS IDENT. NO. **296**
Ronald Fisher
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Dave Fisher
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

EACH SCREEN
 1 HO **27** **250**
 2 _____
 3 _____
 SLOT SIZE _____
 DIAMETER OF SCREEN (NEAREST INCH) _____
 GRAVEL PACK _____
 IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3 (seq. no.) _____
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **11.9**
 METHOD USED TO MEASURE PUMPING RATE **Submersible**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **35**
 WHEN PUMPING **208**
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

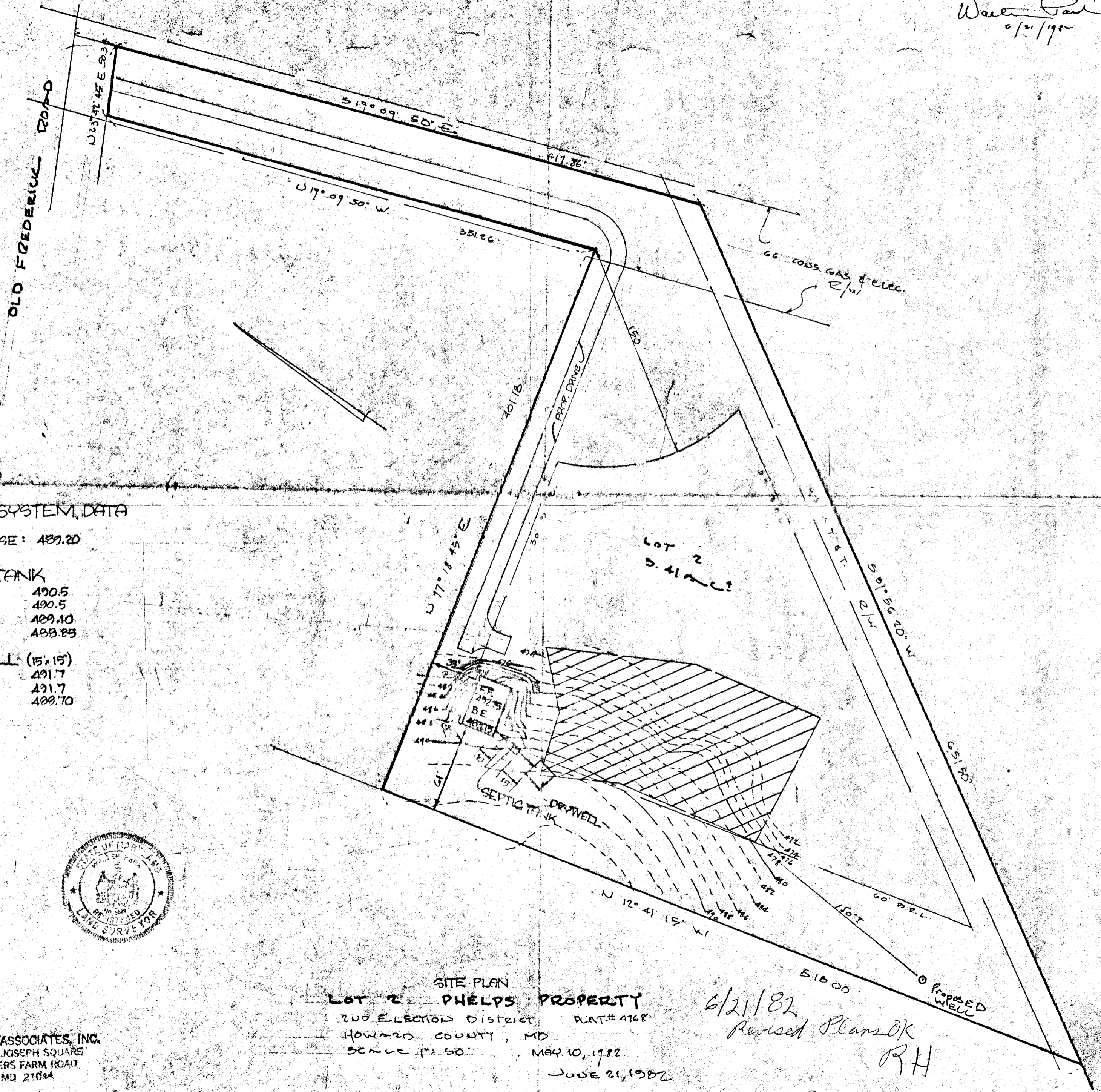
PUMP INSTALLED YES NO
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) _____
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (nearest ft.) _____
 CASING HEIGHT (circle appropriate box and enter casing height)
 above below
 LAND SURFACE **2** (nearest foot)



NOT BEFORE BUILDING PERMIT CAN BE
RELEASED BY THE HEALTH DEPARTMENT.

I CERTIFY THAT THE ELEVATIONS ARE TRUE
AND CORRECT.

Walter Paul
6/21/82



SEPTIC SYSTEM DATA

INV. @ HOUSE: 489.20

SEPTIC TANK

EX. GR.	490.5
FIN. GR.	490.5
INV. IN.	489.10
INV. OUT	488.85

DRYWELL (15'x15')

EX. GR.	491.7
FIN. GR.	491.7
INV. IN.	489.70



HUDKINS ASSOCIATES, INC.
SUITE 231, JOSEPH SQUARE
5485 HARPERS FARM ROAD
COLUMBIA, MD 21044

SITE PLAN
LOT 2 PHELPS PROPERTY

208 ELECTION DISTRICT PLAT # 4168
HOWARD COUNTY, MD
SCALE 1" = 50'

MAY 10, 1982

JUNE 21, 1982

6/21/82
Revised Plans OK
RH

OLD FREDERICK ROAD
(60' R/W)

66' WIDE CONSOLIDATED GAS, ELEC., LIGHT, & POWER CO. R/W

THIS DESIGNATES A PRIVATE SEWAGE ESMT OF APPROX. 10,000 SQ FT AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE & SERVICING ANY RESIDENTIAL STRUCTURE ON THIS BUILDING SITE. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM

THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE.

TAX MAP 18, PARCEL 12 DEED: LIBER 647, FOLIO 272

393*8 : DESIGNATES FIELD-LOCATED PERC HOLES & ELEVATIONS

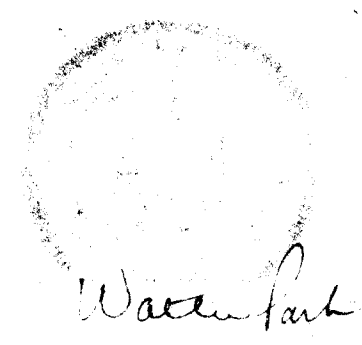
APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

Terrence Jones
COUNTY HEALTH OFFICER DATE 7-3-80

PERC AREAS & WATER WELLS FOR ADJACENT LOTS HAVE BEEN SHOWN WHERE PERTINENT

SEPTIC SYSTEM MUST BE INSTALLED FIRST BEFORE BUILDING PERMIT CAN BE RELEASED BY THE HEALTH DEPARTMENT.

FIELD-LOCATED PERC HOLES SHOWN *
PROPOSED LOT 2 - PHELPS PROPERTY
2ND ELECTION DISTRICT HOWARD COUNTY, MD
JULY 11, 1980 SCALE: 1" = 50'



HUDKINS ASSOCIATES, INC.
231 JOSEPH SQUARE
COLUMBIA, MD. 21044

