

5/28/99 pm

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511595

A 50388-PP

DISTRICT \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

410-313-2640

DATE 5/19/99

DATE SYSTEM APPROVED 5/28/99

INSPECTOR DCS

INDEXED

360753

K&K Excavating

IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 14960 Route 144, Woodbine, Maryland 21797

PHONE 410-442-1336

SUBDIVISION Ridge View Hunt

LOT 7

ROAD 15290 Ridge Hunt Drive

PROPERTY OWNER \_\_\_\_\_

Selfridge Builders

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 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 20 feet off the left lot line and 80 feet off the rear lot line as seen from Ridge Hunt Drive. Run trenches along contour towards the rear 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. OK 4/14/99 DKS

PLANS APPROVED BY Donna K. Soe

DATE 4-05-1999

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.

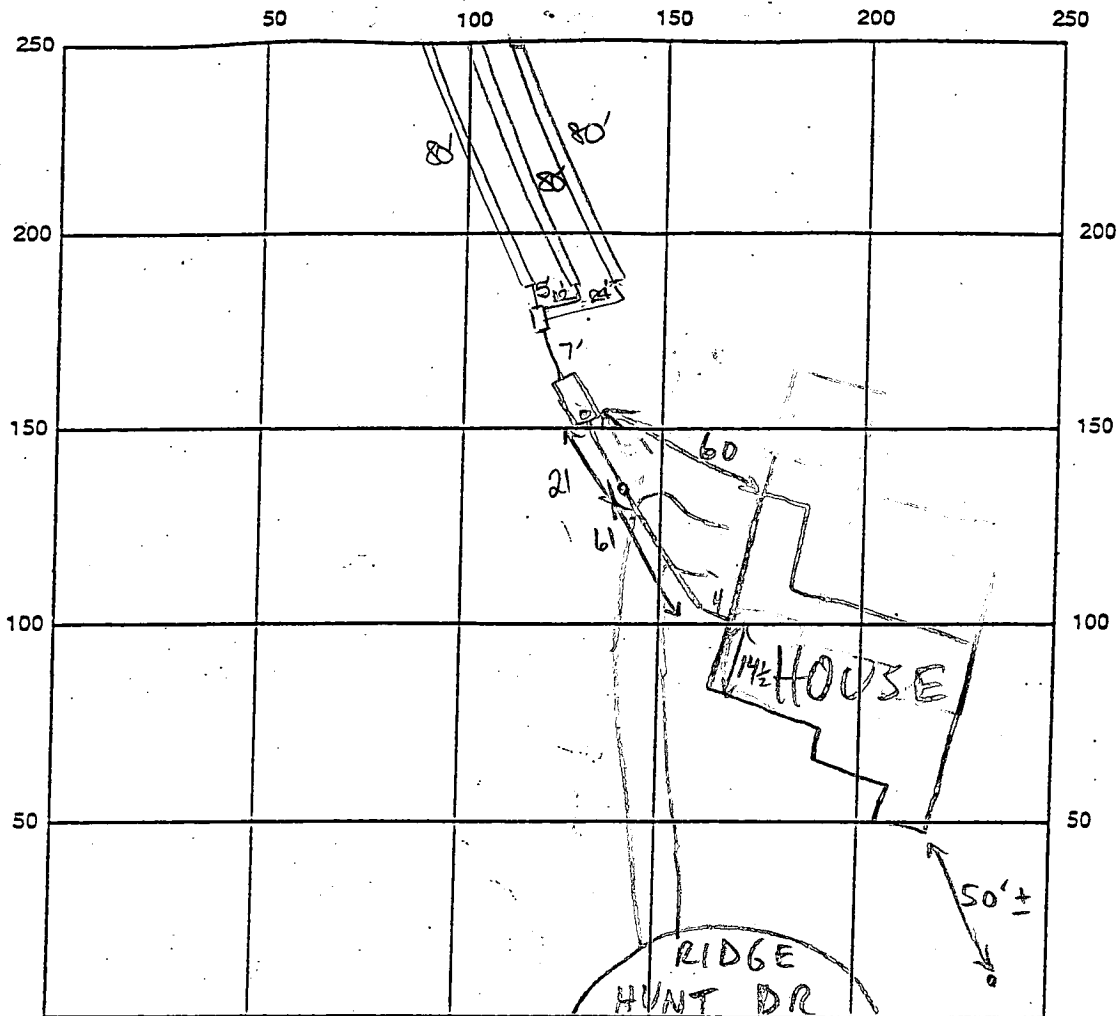
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A-50388-PP



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL

CLEANOUTS INLINE & S.T. - OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 3 x 80 FT. → 240'

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 5/19/99 OK TO COVER HOUSE TO TANK (MR)

5/28/99 FINAL INSP - OK to cover all work. Sufficient materials @ site. (DLS)

DATE SYSTEM APPROVED

5/28/99

INSPECTOR

[Signature]

# APPLICATION

## PERCOLATION TESTING

A 50388 P

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT \_\_\_\_\_

DATE 11/10/94

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 Richard Hoenes Selfridge Builders

ADDRESS 8668 Baltimore National Pike  
Ellicott City, Maryland 21043 PHONE (410) 465-2321

AGENT OR PROSPECTIVE BUYER Same

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION White Property LOT NO. 16 1517 7/8

ROAD AND DESCRIPTION (15290 Ridge Hunt Drive)  
South side 15000 block of Carrs Mill Road; 1 mile +/- west  
of Roxbury Mills Road intersection.

TAX MAP 14 PARCEL # 14

SIZE OF LOT 60,000 SF TYPE BLDG. Single Family - 4 Br  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT NO

AND RETURNED 4-5-99

Serial # 250117004

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 Hoenes  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

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

A 50388P  
COURT #

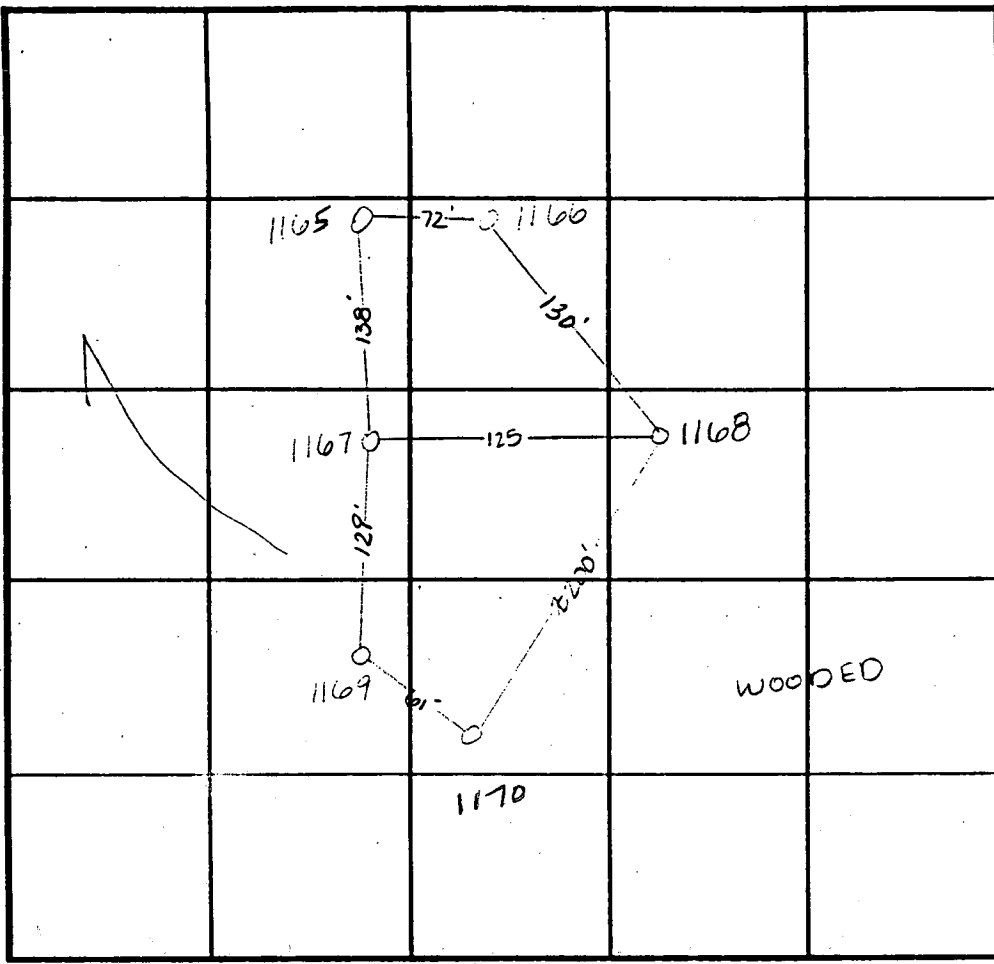
SOIL PROFILE

1166 1169  
0' beign C  
2' reddish brn SCL  
4' yellow brn SIL  
good structure  
some decayed  
white stone  
throughout

1168  
orange yellow CL  
2' red SIL

8.5' tan yellow SIL  
CL 5% shale/saprolite

1165  
yellow brown CL  
4.5' orange yellow SIL  
5% shale



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE.

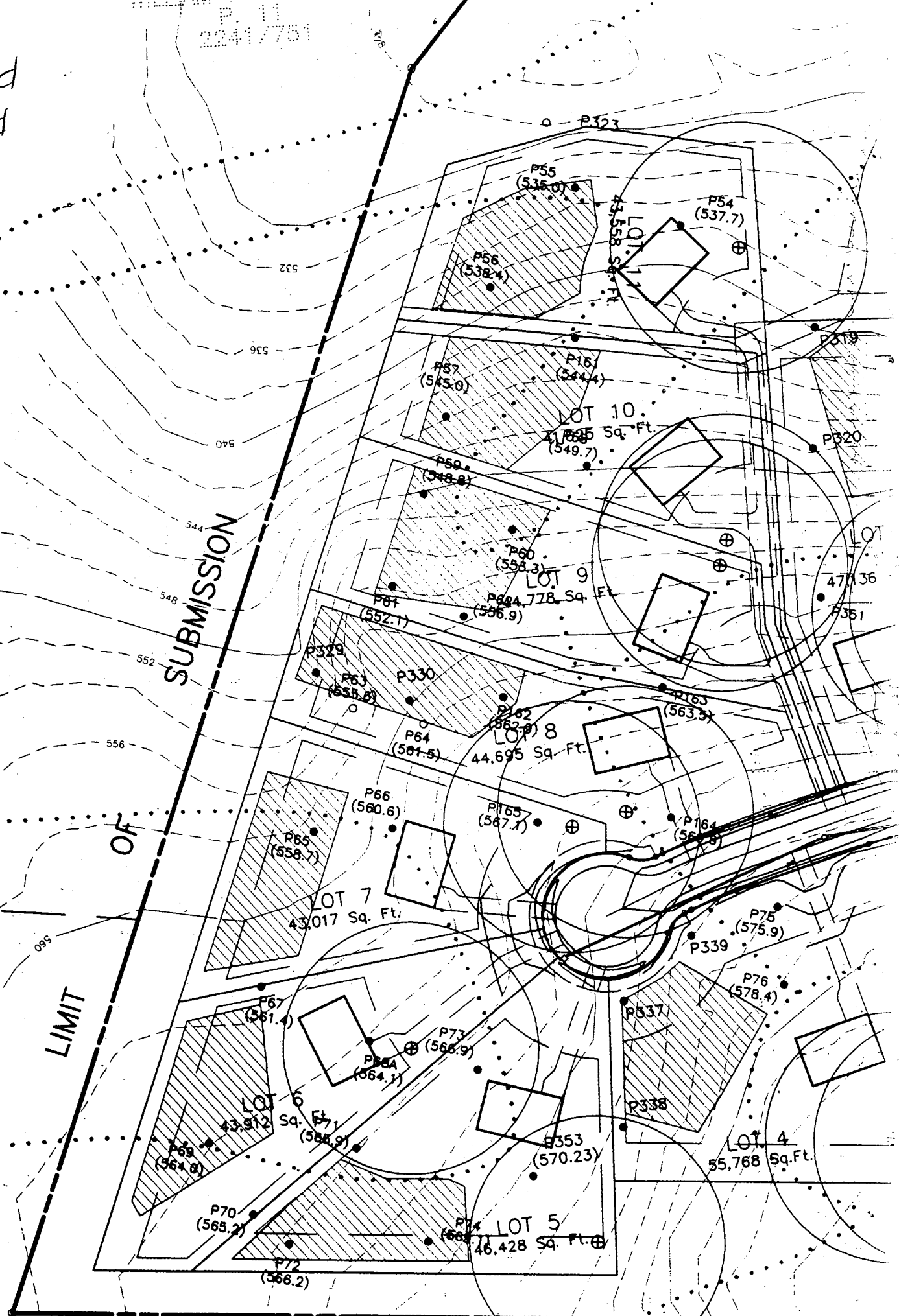
SOIL PROFILE

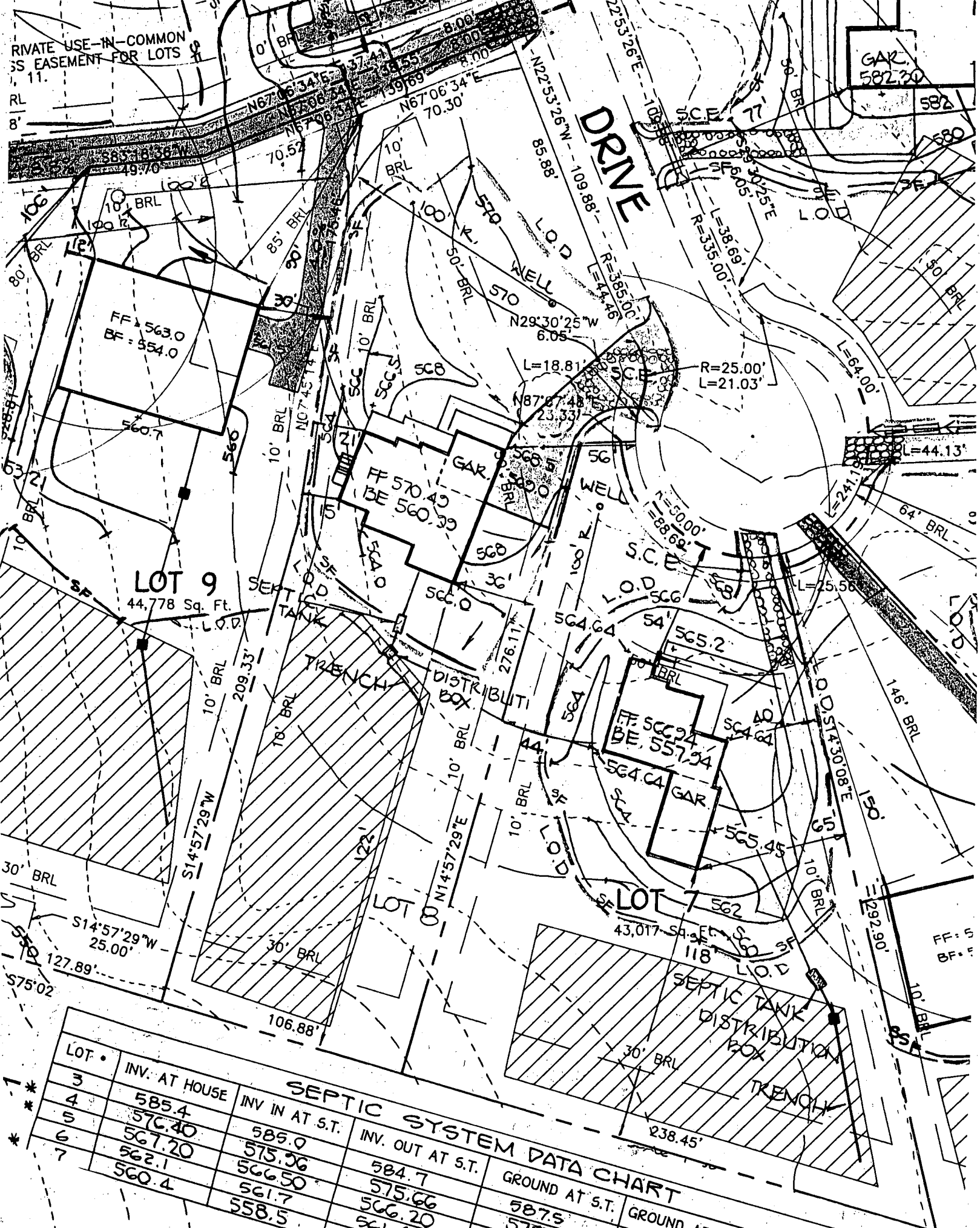
1167  
0' red brn CSIL  
5' beign SIL  
w/ white SL  
pockets throughout  
(decayed quartz grains  
still evident)  
12' 1170  
red brn CSIL  
4' pink SIL  
very powdery  
angular structure  
11.5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-16-04	1166	5.5' V12	7:03 <sup>30</sup>	7:14	7:14	7:38	24 min
	1168	5.5' V11.5	8:40	8:41 <sup>15</sup>	8:41 <sup>15</sup>	8:44	2 3/4 min
	1169	5.5' V11	9:13 <sup>45</sup>	9:30	9:30	9:57	27 min
	1165	4.5' V12'	5:55	5:57 <sup>15</sup>	5:57 <sup>15</sup>	6:02 <sup>30</sup>	5 1/4 min
	1167	5.5' V12'	6:30 <sup>30</sup>	6:32 <sup>15</sup>	6:32 <sup>15</sup>	6:37	4 3/4 min
	1170	4.5' V12'	9:04 <sup>45</sup>	> 30 min			slow
	1170	6' V12'	9:27 <sup>15</sup>	9:30 <sup>30</sup>	9:30 <sup>30</sup>	9:36 <sup>45</sup>	6 1/4 min

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Amy McMillen ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

Approved  
Revised  
Parc  
Cert  
1-97





SEPTIC SYSTEM DATA CHART					
LOT #	INV. AT HOUSE	INV IN AT S.T.	INV. OUT AT S.T.	GROUND AT S.T.	GROUND AT DIST BOX
3	585.4	585.0	584.7	587.5	587.0
4	576.40	575.36	575.66	572.00	578.00
5	567.20	566.50	566.20	562.00	567.00
6	562.1	561.7	561.4	563.5	563.5
7	560.4	558.5	558.2	561.0	561.0
					INV. AT DIST BOX
					584.0
					575.00
					566.00
					560.5

SHEET INDEX	
Sheet No.	Description
1	Plan View

Approved Septic System Plan  
Howard County Health Department

Total linear feet of trench required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 6 feet

Depth of stone required below distribution pipe 2 feet

Signature [Signature] Date 4/4/89

C 1 6517

SEQUENCE NO.  
(MDE 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 A50388PP

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

ST/CO USE ONLY  
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

MM DD YY  
03 07 97

MM DD YY  
02 21 97

22 300 26  
(TO NEAREST FOOT)

HO-94-1016

OWNER RH Development  
STREET OR RFD Glen View Drive TOWN Glenwood  
SUBDIVISION Glen View SECTION LOT 87

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	
top soil	0	2	
Shale	2	60	
Brown shale	60	75	
Shale	75	105	
Brown shale	105	150	
granite	150	300	

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

yes no  
Y N  
44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 11 NO. OF POUNDS 1100

GALLONS OF WATER 55

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 42 ft.  
(enter 0 if from surface)

CASING RECORD

casing  
types  
insert  
appropriate  
code  
below

ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHER

MAIN CASING TYPE  
ST L 112  
60 61 63 64 66 70

OTHER CASING (if used)

diameter depth (feet)  
inch from to

screen type  
or open hole

SCREEN RECORD

ST BR HO  
STEEL BRASS OPEN  
HOLE  
PL OT  
PLASTIC OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED

yes no  
Y N

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 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 LIC. NO. MWDD040

George F. Easterday  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MWDD481

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

DEPTH (nearest ft.)

1 110 300  
2 110 300  
3 110 300  
4 110 300  
5 110 300  
6 110 300  
7 110 300  
8 110 300  
9 110 300  
10 110 300  
11 110 300  
12 110 300  
13 110 300  
14 110 300  
15 110 300  
16 110 300  
17 110 300  
18 110 300  
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42 110 300  
43 110 300  
44 110 300  
45 110 300  
46 110 300  
47 110 300  
48 110 300  
49 110 300  
50 110 300  
51 110 300

DIAMETER OF SCREEN (NEAREST INCH)

56 60

from to

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

70 72 74 75 76  
TELESCOPE LOG OTHER DATA  
CASING INDICATOR

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 4

METHOD USED TO  
MEASURE PUMPING RATE Bucheta

WATER LEVEL (distance from land surface)

BEFORE PUMPING 25 ft.

WHEN PUMPING 158 ft.

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)

TYPE OF PUMP INSTALLED  
PLACE (A,C,J,P,R,S,T,O)  
IN BOX 29

CAPACITY:  
GALLONS PER MINUTE  
(to nearest gallon) 31 35

PUMP HORSE POWER 37 41

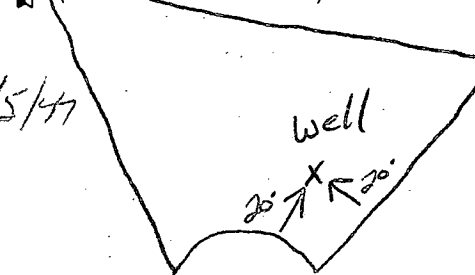
PUMP COLUMN LENGTH  
(nearest ft.) 43 47

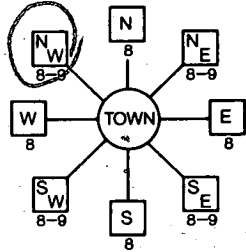
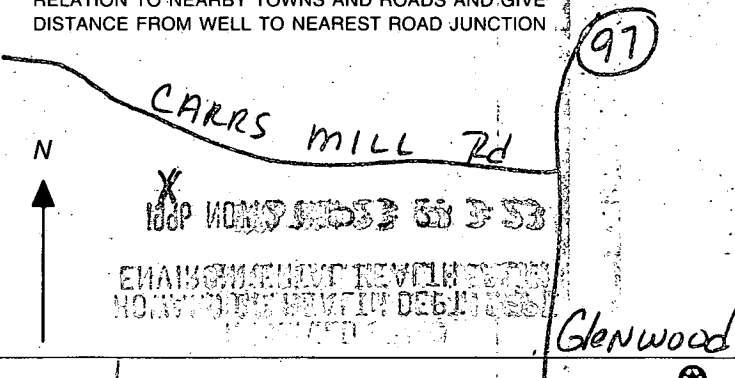
CASING HEIGHT (circle appropriate box  
and enter casing height)

above } LAND SURFACE  
below } 2 (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)



<b>B 1</b> <span style="font-size: 24pt; font-weight: bold;">3297</span>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type	STATE PERMIT NUMBER <span style="font-size: 24pt; font-weight: bold;">HO - 94 - 1016</span> <small>fill in this form completely</small>
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		<b>DATE RECEIVED (APA)</b> <span style="font-size: 24pt; font-weight: bold;">11-27-96</span> <small>MM DD YY</small>	
<b>OWNER INFORMATION</b> <span style="float: right;"><b>RN 6943</b></span>		<b>LOCATION OF WELL</b>	
Last Name <span style="float: right;">First Name</span> <span style="font-size: 24pt; font-weight: bold;">R. H. Development L L C</span> <span style="font-size: 24pt; font-weight: bold;">8668 Baltimore National Pike</span> Street or RFD <span style="font-size: 24pt; font-weight: bold;">Ellicott City, Md. 21043</span> Town State Zip		COUNTY <span style="float: right;">21</span> <span style="font-size: 24pt; font-weight: bold;">Howard</span> SUBDIVISION <span style="float: right;">42</span> <span style="font-size: 24pt; font-weight: bold;">Glen View Ridge View Hunt</span> SECTION <span style="float: right;">LOT</span> <span style="font-size: 24pt; font-weight: bold;">Glenwood</span> NEAREST TOWN MILES FROM TOWN (enter 0 if in town) <span style="float: right;">1</span> M I	
<b>DRILLER INFORMATION</b> Driller's Name <span style="float: right;">License No.</span> <span style="font-size: 24pt; font-weight: bold;">George F. Easterday</span> <span style="float: right;"><b>M VD 040</b></span> Firm Name <span style="font-size: 24pt; font-weight: bold;">Franklin Easterday, Inc.</span> Address <span style="font-size: 24pt; font-weight: bold;">9265 Brown Church Rd., MT. Airy, Md. 21771</span> Signature <span style="float: right;">Date</span> <span style="font-size: 24pt; font-weight: bold;">George F. Easterday</span> <span style="float: right;"><b>11/26/96</b></span>		<b>4</b> DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
<b>WELL INFORMATION</b>		<b>Glen View Dr</b> NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <span style="font-size: 24pt; font-weight: bold;">20</span> DISTANCE FROM ROAD ENTER FT OR MI <span style="float: right;">38 39</span> TAX MAP: BLK: PARCEL:	
APPROX. PUMPING RATE (GAL. PER MIN.) <span style="float: right;">5</span> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <span style="float: right;">500</span>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <span style="font-size: 24pt; font-weight: bold;">Howard Co.</span> <span style="float: right;"><b>A 50388PP</b></span> COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S <span style="float: right;">41</span> DATE ISSUED <span style="font-size: 24pt; font-weight: bold;">12/20/96</span> <span style="float: right;"><b>A M McLean 12/20/97</b></span> CO SIGNATURE EXP. DATE NORTH GRID <span style="font-size: 24pt; font-weight: bold;">536</span> <span style="float: right;">0 0 0</span> EAST GRID <span style="font-size: 24pt; font-weight: bold;">788</span> <span style="float: right;">0 0 0</span>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. wells 2. 3.	
APPROXIMATE DEPTH OF WELL <span style="float: right;">300</span> FEET APPROXIMATE DIAMETER OF WELL <span style="float: right;">6</span> INCH NEAREST TOWN		WRITE THE BOX NUMBER FROM THE MAP HERE E <span style="font-size: 24pt; font-weight: bold;">788</span> N <span style="font-size: 24pt; font-weight: bold;">536</span>	
<b>METHOD OF DRILLING</b> (circle one) BORED (or Augered) <span style="float: right;">JETTED</span> <span style="float: right;">Jetted &amp; DRIVEN</span> <input checked="" type="checkbox"/> AIR-ROTARY <span style="float: right;">AIR-PERCussion</span> <span style="float: right;">ROTARY (Hydraulic Rotary)</span> <input type="checkbox"/> CABLE <span style="float: right;">REVERSE-ROTARY</span> <span style="float: right;">Drive-POINT</span> other		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
<b>REPLACEMENT OR DEEPEMED WELLS</b> (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <span style="float: right;">41</span>		Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER <span style="float: right;">G A P</span> FORCE <span style="font-size: 24pt; font-weight: bold;">AM</span> <span style="float: right;">PERMIT No. <b>HO - 94 - 1016</b></span> WRITE INITIALS IN BOX <span style="float: right;">70 71 72 73 74 75 76 77 78 79</span>	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -			



ALM

