

3/16/98  
2:00

# PERMIT

## SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# 358651

P 59850

A 50563-C

DISTRICT 4th

DATE 3-5-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~

410-313-2640

DATE SYSTEM APPROVED 3/17/98

INSPECTOR BB

INDEXED

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 558-R Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5674

SUBDIVISION Bridlewood LOT 3 ROAD 16824 Hardy Road

PROPERTY OWNER Charles Stancer / STEVEN & RITA WOLF

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the lot corner at the end of the flagstem driveway, place the distribution box 162 feet down the left (352.47') lot line and 70 feet off this same lot line. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 1/27/98 OK ALM

PLANS APPROVED BY Mark Rifkin/Glen Savage Revised \_\_\_\_\_ DATE 01/08/98

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

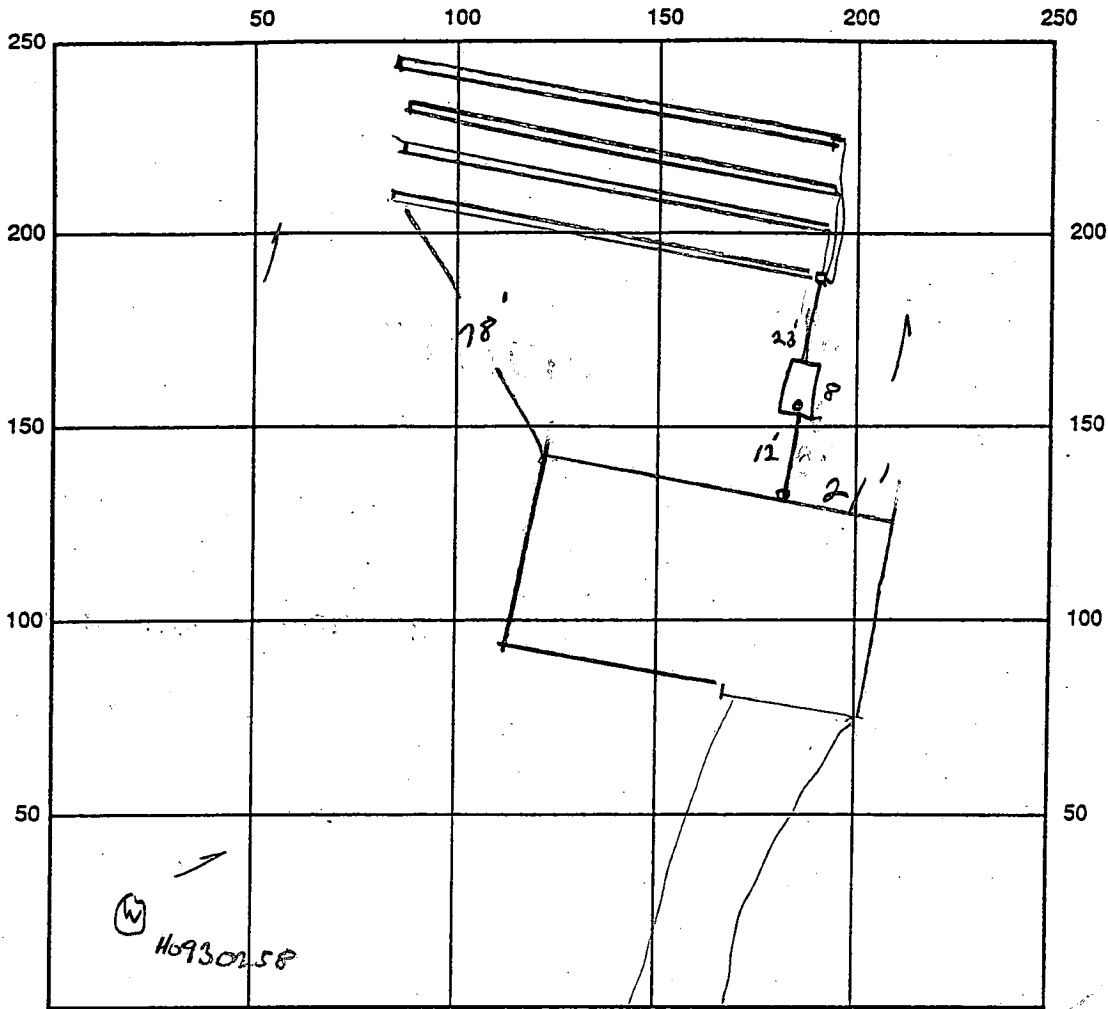
PERMIT VOID AFTER TWO YEARS

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

A 50563-C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 ← PAVED RW. TO HARVEY ROAD

SEPTIC TANK LEVEL ok CLEANOUTS 10' Tank, 1' Above  
 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  $\frac{4 \times 3 \times 2}{1} = 24$  FT.  $\frac{1}{12} = 290$   
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 810 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: 3/16/98 CABE - 2 TRENCHES OK TO COVER, OK TO CONTINUE. JJ  
3/16/99 FINAK - CONFIRM ALL WORK. JJ

DATE SYSTEM APPROVED 3/16/98 INSPECTOR [Signature]

# APPLICATION

PERCOLATION TESTING

A 50563-C

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

P \_\_\_\_\_

DISTRICT 44

DATE 3-3-95

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 Charles Stancer

ADDRESS 16920 Hardy Rd - Mt. Airy MD 21771 PHONE 410-489-7340

PROSPECTIVE BUYER NA

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

PROPERTY LOCATION:

SUBDIVISION Stancer Property LOT NO. 3

ROAD AND DESCRIPTION 16900 Hardy Road (16824 Hardy Road)

TAX MAP 7 PARCEL # 337

BLDG. PERMIT SIGNATURE  
**AND RETURNED 1-8-98**  
Send to B1109334

SIZE OF LOT One acre TYPE BLDG. SFD-4 Bm  
(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.

Charles A Stancer  
(SIGNATURE OF APPLICANT)

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

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

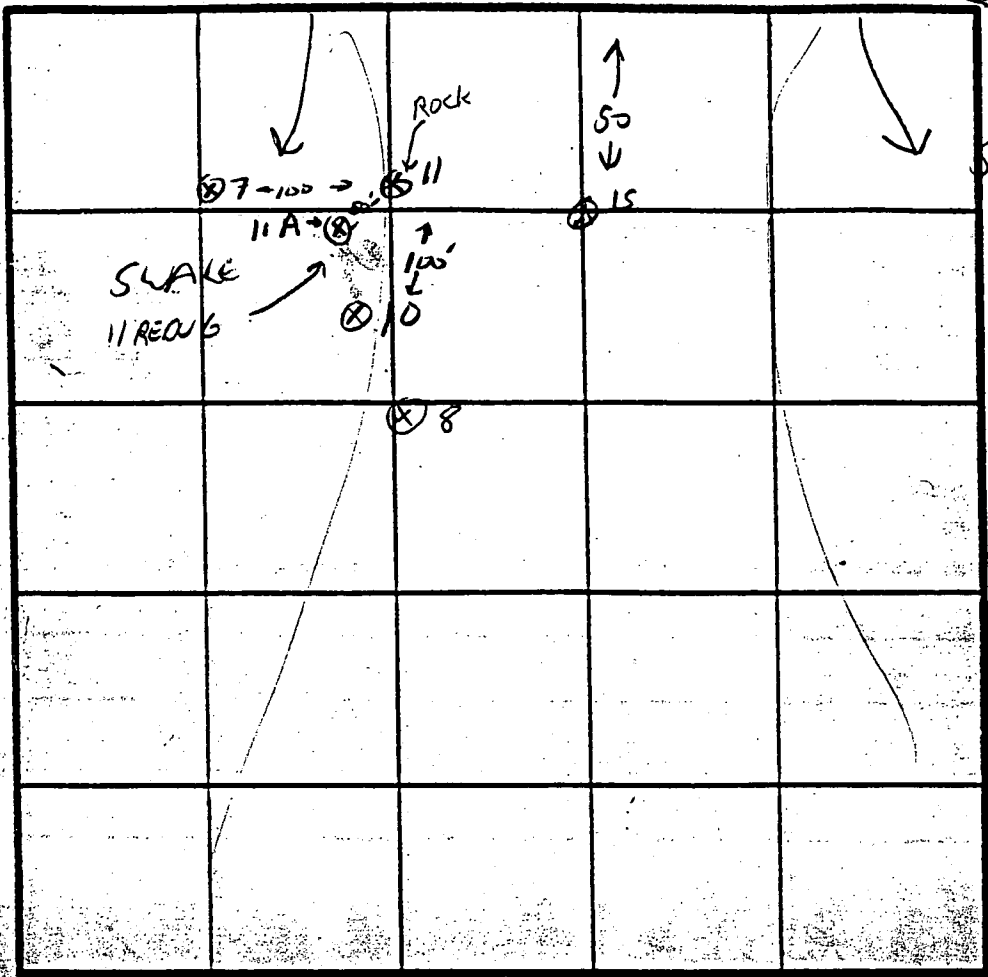
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

# THIS IS NOT A PERMIT

A50563-C  
 6/16 LOT 3

← FENCE LINE  
 SWALE 10



SOIL PROFILE  
 SIMILAR TO 22  
 11

TOPSOIL  
 MED BROWN CLAY LOAM  
 MULTI COLORED SAPROXITE SILT LOAM  
 GRADUAL CLIN. TO TAN, GREY, PALE YELLOW & RED SANDY SILT LOAM AND 4.5% SOFT SAPROXITE CRG.  
 BLACK CLAY IN AREAS 6, 5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

7  
 SIMILAR TO 10  
 SOME SWALE HARD SAPROXITE POCKET BLACK BANDING BELOW

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/8/92	15	3' 6"	3:24	TEST STOPPED - SLOW			
		4'	3:34	3:40	3:40	3:52	12 MIN
	10	3' 6"	3:38	3:48	3:48	4:08	20 MIN
	7	3'	3:52	FAST			
		REPOUR	3:53	3:55	3:55	3:57	2 MIN
	11	3'	10:31	10:33	10:33	10:36	3 MIN
		6' 8"	10:32	10:33	10:33	10:34	FAIL
	RECV 6	6' 8"	10:42	10:44	10:44	10:47	3 MIN

11  
 TOPSOIL  
 CRANE BROWN SANDY CLAY LOAM  
 MED BROWN SANDY LOAM  
 CHLORITE, TAN GREY SANDY CLAY LOAM  
 6.6% VERTIC SAPROXITE SEASONAL DISCONTINUOUS PLACES

LOT 3 ON PERL CERT. PLAT

REMARKS Rock - Boulders at 8' hole 11, not tested - RECV 6

TYPE OF SOIL

TESTED BY GLEN SAUSAGE

ALSO PRESENT CHARLES STANER WILE HARTW

50553-CG  
COUNTY #

HARD ROCK PLUM

SOIL PROFILE

25

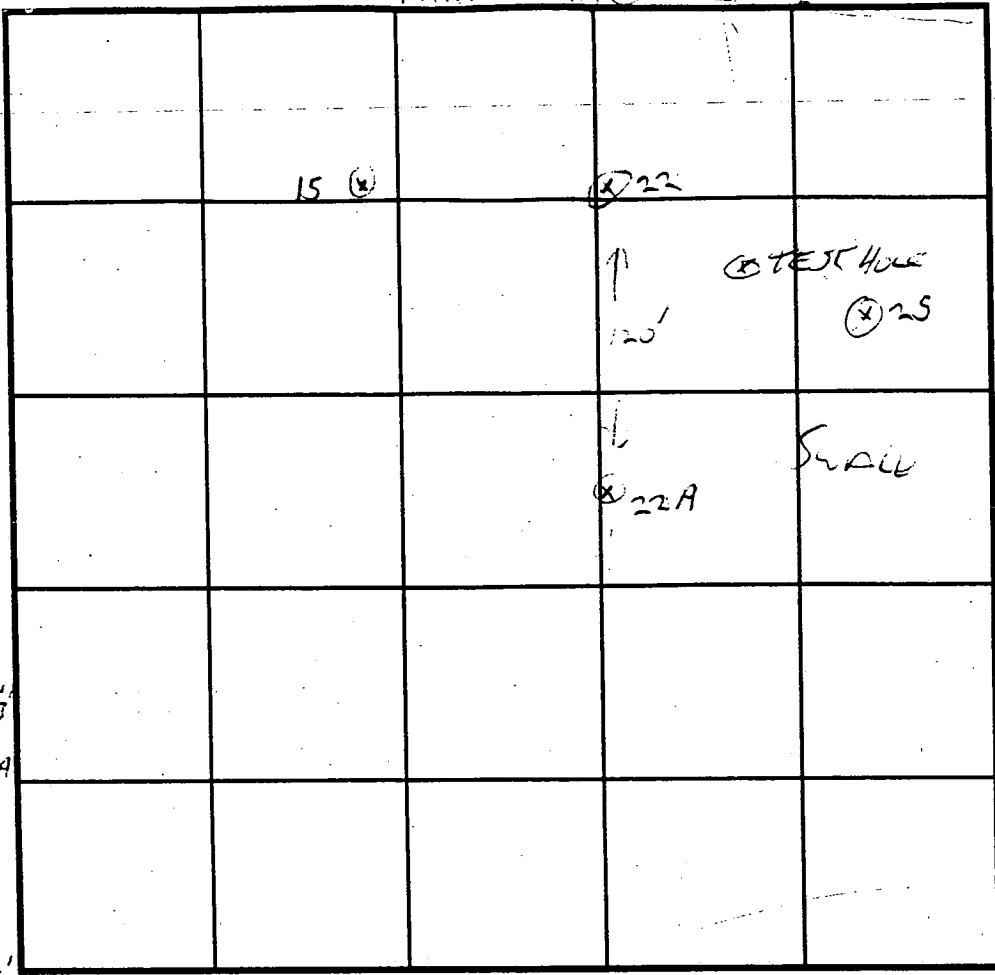
36

TOPSOIL  
MED BROWN CLAY LOAM  
GREY ORANGE BROWN FINE SANDS SHT LOAM SAPROLITE

103

TOPSOIL  
ORANGE YELLOW MOTTLED CLAY LOAM  
GREY TAN ORANGE SILT LOAM + SHT SAPROLITE COMMON BEDDED FINE SANDS SHT LOAM

36



SOIL PROFILE

22

36

TOPSOIL  
MED BROWN CLAY LOAM  
LIGHT GREY + MIXED COLOR SAPROLITE SANDY SILT LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/95	22	3'	12:18	12:34	12:34	1:04	TEST STOPPED
		4'	12:18	12:21	12:21	12:27	6 MIN
		3' 4"	1:24	TEST STOPPED			
	25	3' 6"	1:33	1:49	1:49	2:20	TEST STOPPED
		8'	1:33	1:38	1:38	1:45	7 MIN
	22	3' 6"	1:39	TEST STOPPED			
		4' 4"	1:52	2:00	2:00	2:25	25 MIN
	22A	3' 6"	2:04	TEST STOPPED			
		4' 6"	2:25				
		3' 6"	2:36	TEST STOPPED			
		7' 5"	2:36	2:41	2:41	2:50	9 MIN

REMARKS \_\_\_\_\_  
 TYPE OF SOIL POSSIBLE WATER TABLE LIMITATIONS LOT 3  
 TESTED BY GLEN SAUSAGE ALSO PRESENT CHARLES STANER  
WILL HORNUNG  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 10 MIN TRENCH WIDTH 3  
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 210

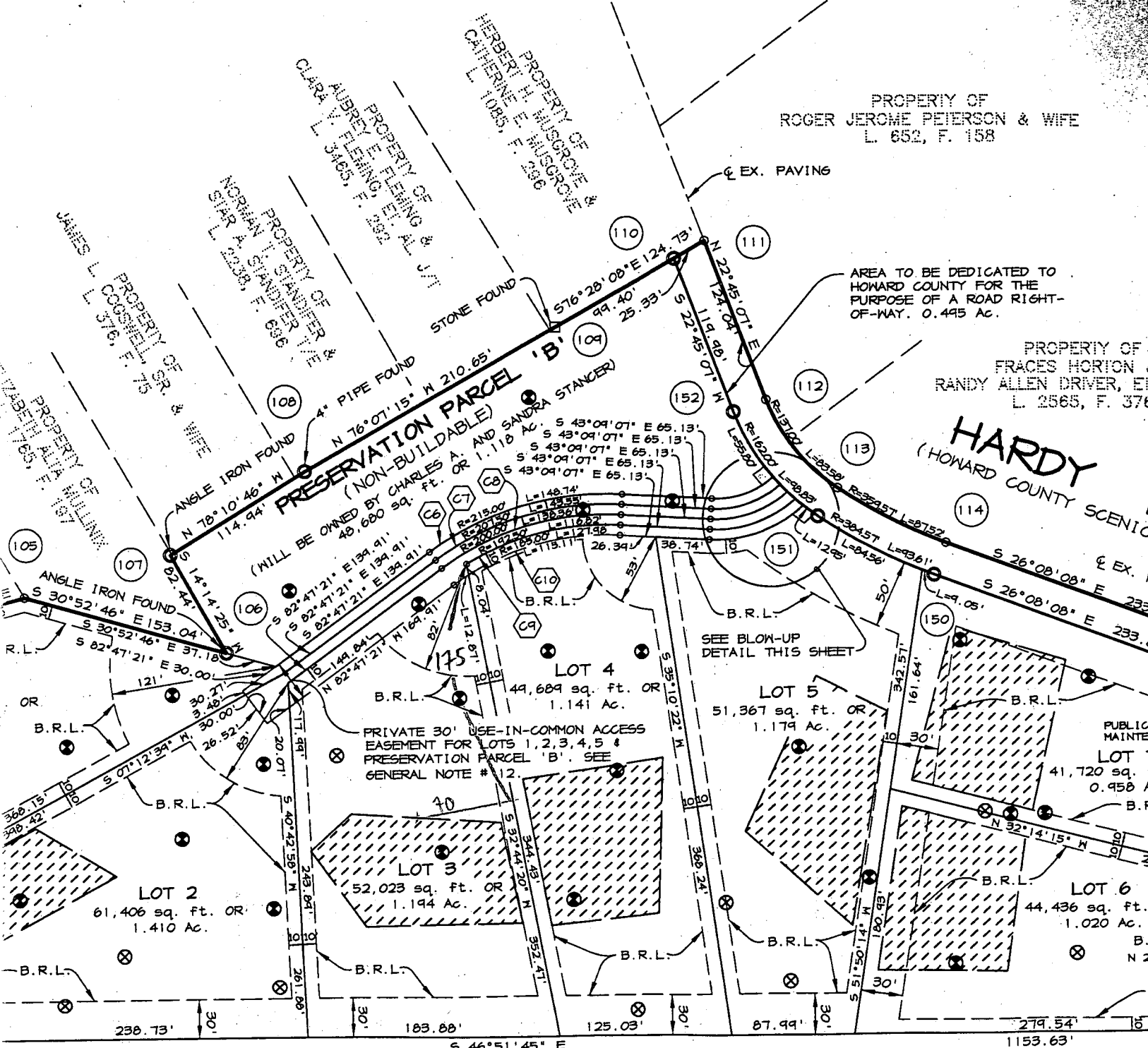
PROPERTY OF  
POPLAR SPRINGS  
METHODIST CHURCH  
L. 371, F. 677

PROPERTY OF  
ROGER JEROME PETERSON & WIFE  
L. 652, F. 158

PROPERTY OF  
FRANCES HORTON &  
RANDY ALLEN DRIVER, ET AL.  
L. 2565, F. 376

AREA TO BE DEDICATED TO  
HOWARD COUNTY FOR THE  
PURPOSE OF A ROAD RIGHT-  
OF-WAY. 0.495 Ac.

**HARDY**  
(HOWARD COUNTY SCENIC

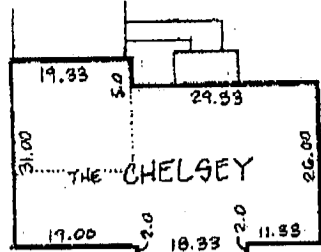


AGRICULTURAL PRESERVATION PARCEL 'A'

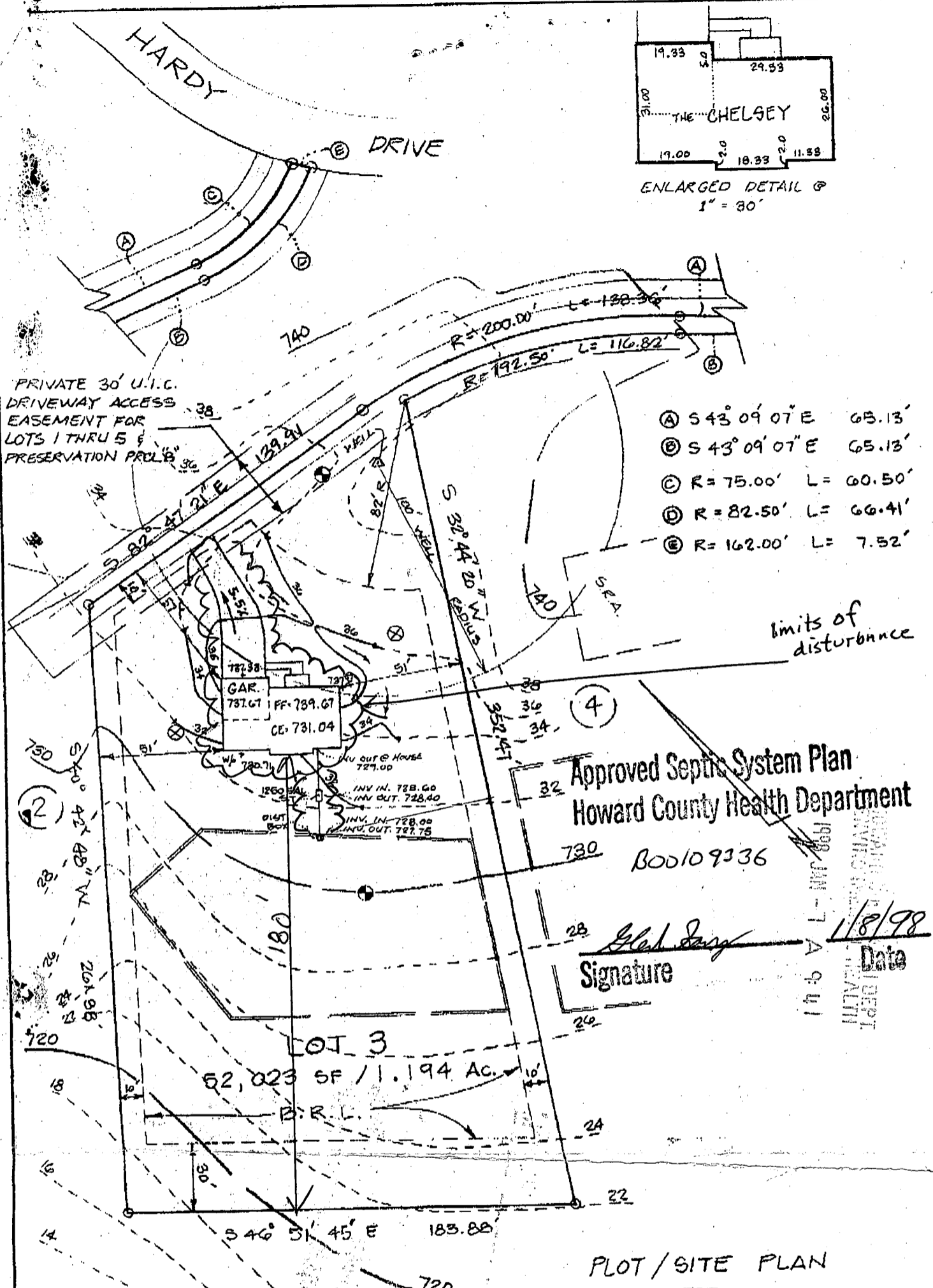
FOR CONTINUATION  
SEE SHEET 3 OF 4

I FURTHER CERTIFY THAT THE REQUIREMENTS OF SECTION 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.





ENLARGED DETAIL @ 1" = 30'



- (A) S 43° 09' 07" E 65.13'
- (B) S 43° 09' 07" E 65.13'
- (C) R = 75.00' L = 60.50'
- (D) R = 82.50' L = 66.41'
- (E) R = 162.00' L = 7.52'

Approved Septic System Plan  
 Howard County Health Department

000109336

*Glad Long*  
 Signature Date 1/8/98

1998 JAN 7 A 9 41  
 HEALTH DEPT

LOT 3  
 62,023 SF / 1.194 Ac.

PLOT / SITE PLAN  
 FOR  
 LOT 3  
 BRIDLEWOOD  
 HOWARD CO., MD.

Total linear feet of trench required 280 feet  
 Width of trench(es) 3 feet  
 Depth of trench(es) 6 feet  
 Depth of stone required below distribution pipe 2 feet

<h1>CLSI</h1> <p>Carroll Land Services        Incorporated        Engineers • Surveyors • Land Development Consultants        Landscape Architects • Environmental Specialists        439 East Main Street Westminster, MD 21157-5339        (410) 876-2017 FAX (410) 876-0009</p>	DRAWN BY: JA
	DESIGN BY:
	REVIEW BY:
	DATE: 12/31/97
	SCALE: 1"=50'
	JOB NO: 97243
SHEET: 10F1	

RYAN CIP HOMES

**B -1** **4968** SEQUENCE NO. (DP USE ONLY) **STATE OF MARYLAND** STATE PERMIT NUMBER **HO-93-0258**  
 APPLICATION FOR PERMIT TO DRILL WELL please print or type **70** fill in this form completely **78**

**1** **2** **3** **4** **5** **6**  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**7** **8** **9** **10** **11** **12** **13** **14** **15** **16** **17** **18** **19** **20** **21** **22** **23** **24** **25** **26** **27** **28** **29** **30** **31** **32** **33** **34** **35** **36** **37** **38** **39** **40** **41** **42** **43** **44** **45** **46** **47** **48** **49** **50** **51** **52** **53** **54** **55** **56** **57** **58** **59** **60** **61** **62** **63** **64** **65** **66** **67** **68** **69** **70** **71** **72** **73** **74** **75** **76** **77** **78** **79** **80**

**Date Received (APA)** 012396

**OWNER INFORMATION**  
**STANUCER CHARLES**  
 Last Name Owner First Name  
**16910 HARDY ROAD**  
 Street of RFD  
**MOUNT AIRY** **MD21777**  
 Town State Zip

**B 3** **LOCATION OF WELL**

**1** **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14** **15** **16** **17** **18** **19** **20** **21** **22** **23** **24** **25** **26** **27** **28** **29** **30** **31** **32** **33** **34** **35** **36** **37** **38** **39** **40** **41** **42** **43** **44** **45** **46** **47** **48** **49** **50** **51** **52** **53** **54** **55** **56** **57** **58** **59** **60** **61** **62** **63** **64** **65** **66** **67** **68** **69** **70** **71** **72** **73** **74** **75** **76** **77** **78** **79** **80**

**HOWARD** COUNTY  
**BRIDLEWOOD** SUBDIVISION  
 SECTION **44** LOT **B**  
**LESPON** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **3 1/2** MI

**DRILLER INFORMATION** MSD/MGD/MWD

**DANA KYKER II** **2150**  
 Driller's Name License No.  
**Westminster Rotary Well Drilling**  
 Firm Name  
**PO BOX 801 Westminster MD 21158**  
 Address  
**Dana Kyker II (USA) 1-7-96**  
 Signature Date

**B 4** **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

**W** (West)

**ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)**  
 NORTH SOUTH WEST EAST  
**2175** DISTANCE FROM ROAD  
 ENTER FT OR MI **FT**  
 TAX MAP: **7** BLK: \_\_\_\_\_ PARCEL: **37**

**B 2** **WELL INFORMATION**

**APPROX. PUMPING RATE (GAL. PER MIN.)** **5**  
**AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)** **150**

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

**HOWARD** **A-50563C**  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_  
 DATE ISSUED **02/01/96** **Blair Dorgan** **02/01/97**  
 CO SIGNATURE EXP. DATE  
 NORTH GRID **550000** EAST GRID **772000**

**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)

**APPROXIMATE DEPTH OF WELL** **200** FEET

**APPROXIMATE DIAMETER OF WELL** **6** INCH NEAREST

**METHOD OF DRILLING (circle one)**

**BORED** (or Augered) **JETTED** **Jettied & DRIVEN**  
 **AIR-ROTARY**  **AIR-PERCussion**  **ROTARY** (Hydraulic Rotary)  
 **CABLE**  **REVerse-ROTary**  **Drive-POINT**  
 other \_\_\_\_\_

**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 - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 **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)**

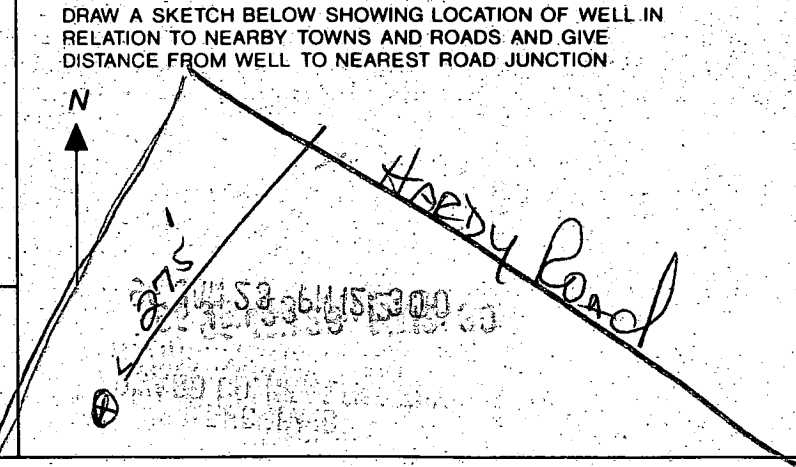
**APPROP. PERMIT NUMBER** \_\_\_\_\_ **GAP** \_\_\_\_\_  
**FORCE** **55** **WRITE INITIALS IN BOX** **PERMIT No.** **HO-93-0258**

**SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X**

**SOURCES OF DRILLING WATER**  
 1. **City**  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_

**WRITE THE BOX NUMBER FROM THE MAP HERE**

**212296**  
**LOCATION ok**  
**SAMPLE CLEAN**  
**128' DEEP**  
**42.9 CASING**  
**14 BAGS GRAD**  
**88**



C1 0229

SEQUENCE NO. (MDE 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.)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A-50563C

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

022296

022096

128

HO-93-0258

OWNER: STAN CER CHARLES STREET OR RFD: 16920 HARDY ROAD TOWN: M.T. AIRY SUBDIVISION: BRIDLEWOOD SECTION: LOT 3

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 Dirt, Clay & Shale, Soft Br. Shale, Hard Blue Shale, Hard Br. Shale, and another Hard Blue Shale.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE, Nominal diameter top (main) casing, Total depth of main casing. Includes options for Steel, Concrete, Plastic, and Other.

OTHER CASING (if used)

Table for other casing with columns for diameter (inch) and depth (feet).

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) with instructions to insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (well abandoned and sealed), 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...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 256

DANA KYKER JR II

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. WD334

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

DEPTH (nearest ft.)

Table for depth measurements at various casing depths (1, 2, 3, etc.)

SLOT SIZE 1, 2, 3 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

C 3

PUMPING TEST

HOURS PUMPED (nearest hour), PUMPING RATE (gal. per min.), METHOD USED TO MEASURE PUMPING RATE (submersible), WATER LEVEL (distance from land surface) BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED (for test): air, piston, turbine, centrifugal, rotary, other, jet, 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), 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)

