

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-422171

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

A 49861-C

DISTRICT _____

DATE 3/14/2000

DATE SYSTEM APPROVED 6/1/00

INSPECTOR S.R.K.

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

SUBDIVISION Springdale LOT 12 ROAD 13501 Silent Lake Drive

PROPERTY OWNER Dale Thompson Builders

ADDRESS _____

TOP SEAMED TANK REQUIRED

SEPTIC TANK CAPACITY 1250 GALLONS ✓

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240 ✓

PUMPED SEPTIC SYSTEM PROPOSED

INSTALL: 1-1250 Gallon Top Seamed Pump Chamber

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.

- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 4½ feet below original grade. Effective area begins at 2½ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - From the right rear lot corner, place the distribution box 170 feet down the right (310.00') lot line and 15 feet off that same lot line as seen when facing the lot from Silent Lake Drive. Run trenches on contour towards the left rear lot corner.

NOTES - MAINTAIN A MINIMUM OF 100 FEET FROM WELL TO ALL PARTS OF THE SEPTIC SYSTEM.
MAINTAIN AT LEAST 10 FEET OF SEPERATION BETWEEN WELL LINE AND ANY PART OF THE SEPTIC SYSTEM OR SEPTIC EASEMENT. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Kim Maiste/Amy McMillen OK 11/9/99-SRK DATE 10-25-1999

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.

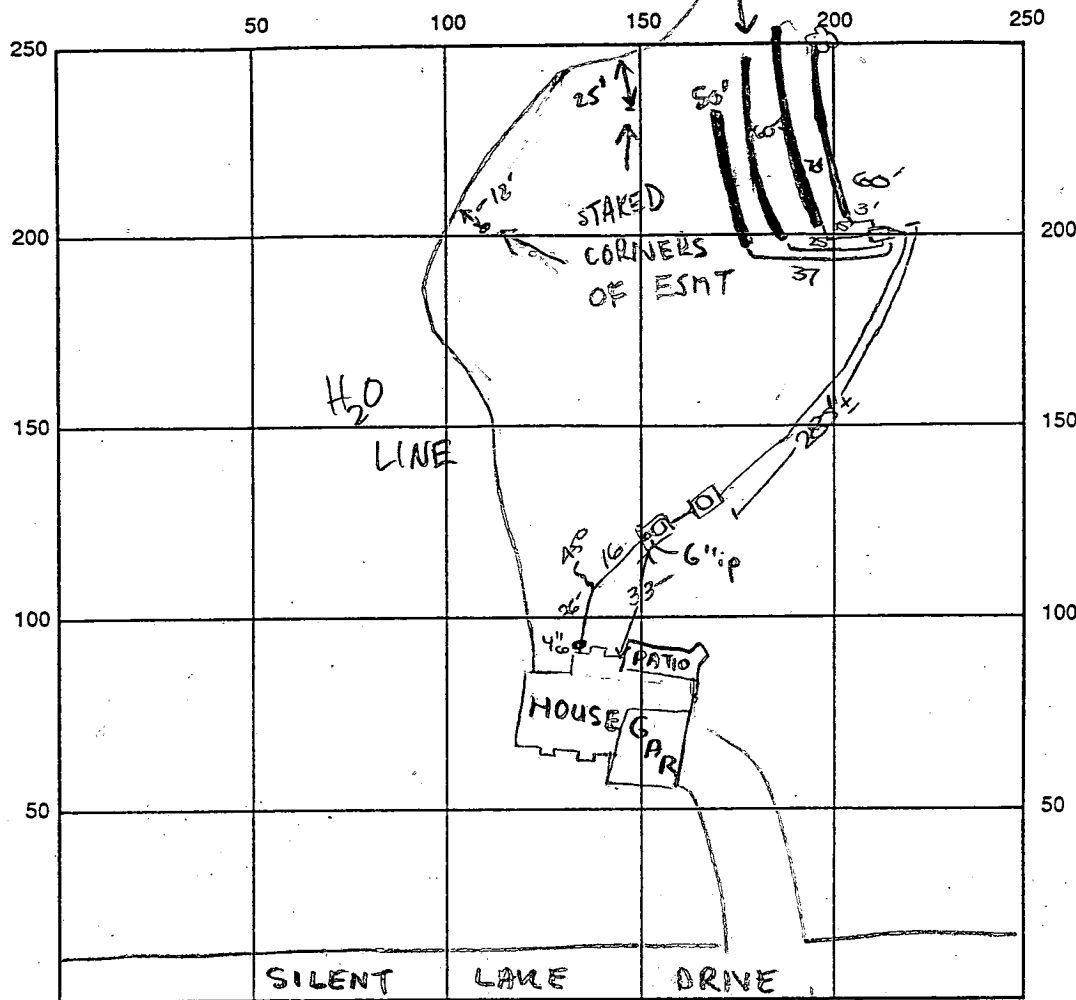
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 49861-C

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1250 gals. S.T. CLEANOUTS one at house, one on st. manhole on st. for pp
 DISTRIBUTION BOX LEVEL OK Monitoring pipe attached
 DRAIN FIELD/TITLE DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2.5 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.
 NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~ BOTTOM AREA 720 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: 3/23/00 Needs house connection. OK to cover from 2' off house to septic tank. DKS

3/27/00 OK to cover first two trenches and continue. SS

3/31/00 OK to cover all septic work. Needs house conn. DKS

5/31/00 - HOUSE CONNECTION CONFIRMED, PUMP NOT OPERATIONAL CALL FOR

REINSPECTION - (SRK) 6/1/00 - PUMP & ALARM OPERATIONAL - (SRK)

DATE SYSTEM APPROVED 6/1/00 INSPECTOR Steven R. King

4/7/2009 AM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
2826-N Bellicott Mills Drive
Bellicott City, MD 21039
410-2885

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # _____
Date _____

Name of Installer Willoughby Plumb

Telephone 410-981-7051

Licence Number #6992
Certified Well Pump Installer ☐

Well Driller ☐ Registered Plumber ☒

Name of Property Owner Dale Thompson

Telephone 410-995-6736

Subdivision Springdale Estate Lot 8

Well Tag # 10-94-127

Site Address 13501 Silent Lake
CLARKSVILLE, MD

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make TACUMCA
3. Model # _____
4. Capacity _____ GPM

Motor
1. Horsepower 3/4 HP
2. RPM _____
3. Voltage
a. 110 ☒
b. 220 ☒

Pitless Adapter
1. Make HARVARD
2. Model # _____
3. Depth _____

5. Pump exceeds well capacity Yes ☐ No ☐
6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☒ Other ☐

Tank
1. Capacity 40 gal
2. Pressure Relief Valve? Yes

Piping
1. Type CRESTLINE
2. Size 1 1/2"
3. NSF and/or DCA Code approved YES
4. Depth of supply line 4 ft

Well data
1. Depth 100 ft.
2. Yield 250 GPM
3. Static water level _____ ft.
4. Will water supply be disinfectant by installer? NO

4/7/00 OK TO COVER
2-PC MCAP & CONDUIT OK
P.A. 5' B.G.

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Chris Willoughby

Date: 4-16-00

A notice indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

Approved Septic System Plan
Howard County Health Department

BRIGHTON DAM ROAD
(Public Road)

Vehicular Ingress and Egress Restricted

534.86'

L=74.00'

Ann M. Hall 10/23/99
Signature Date

LOT 12
3.0006 Acres

Forest Conservation Easement

BASEMENT WILL NOT
SEWER BY GRAVITY

WELL
LINE
PLACEMENT

Top/Seam 1250
Gal/Septic Tank
Inv. In: 427.68'
Inv. Out: 427.38'

Septic Easement

Total linear feet of trench
required 240 feet

N67°15'27"E
Distribution Box
Ex. Ground: 457.0
Inv. 454.6

Width of trenches 3.0 feet

Depth of trench(es) 4.5 feet

Depth of stone required below
distribution pipe 2.0 feet

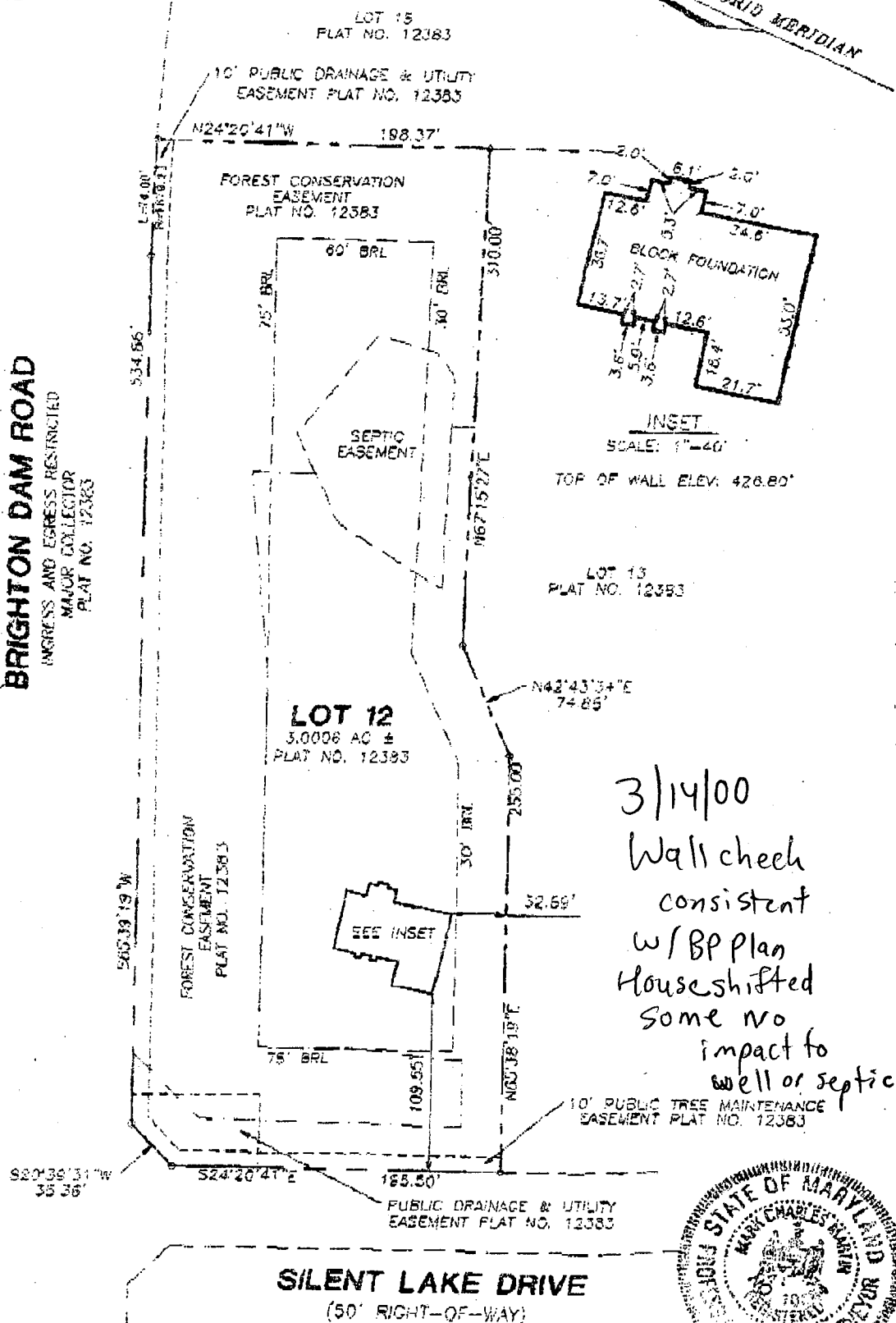
Pump Tank
Ex. Ground: 432.5
Inv. In: 427.28

255.00

**VOGEL &
ASSOCIATES**
SPECIALTY SURVEYING & PLANNING

3801 Park Avenue, Suite 101 • Ellicott City, Maryland 21045
Tel: 410.481.9888 Fax: 410.481.3388

BRIGHTON DAM ROAD
INGRESS AND EGRESS RESTRICTED
MAJOR COLLECTOR
PLAT NO. 12383



APPLICATION

PERCOLATION TESTING

A 49861C

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

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 DALE THOMPSON BUILDERS

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Springdale LOT NO. 13 12 on perc cert
ROAD AND DESCRIPTION (13501 SILVER LAKE DRIVE)

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. SFD - 4 Bdr
(SINGLE FAMILY DWELLING OR COMMERCIAL)

PERMIT SIGNATURE

AND RETURNED

10-25-99

Serial # B70120459

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 _____ 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

49861 C

Lot 13

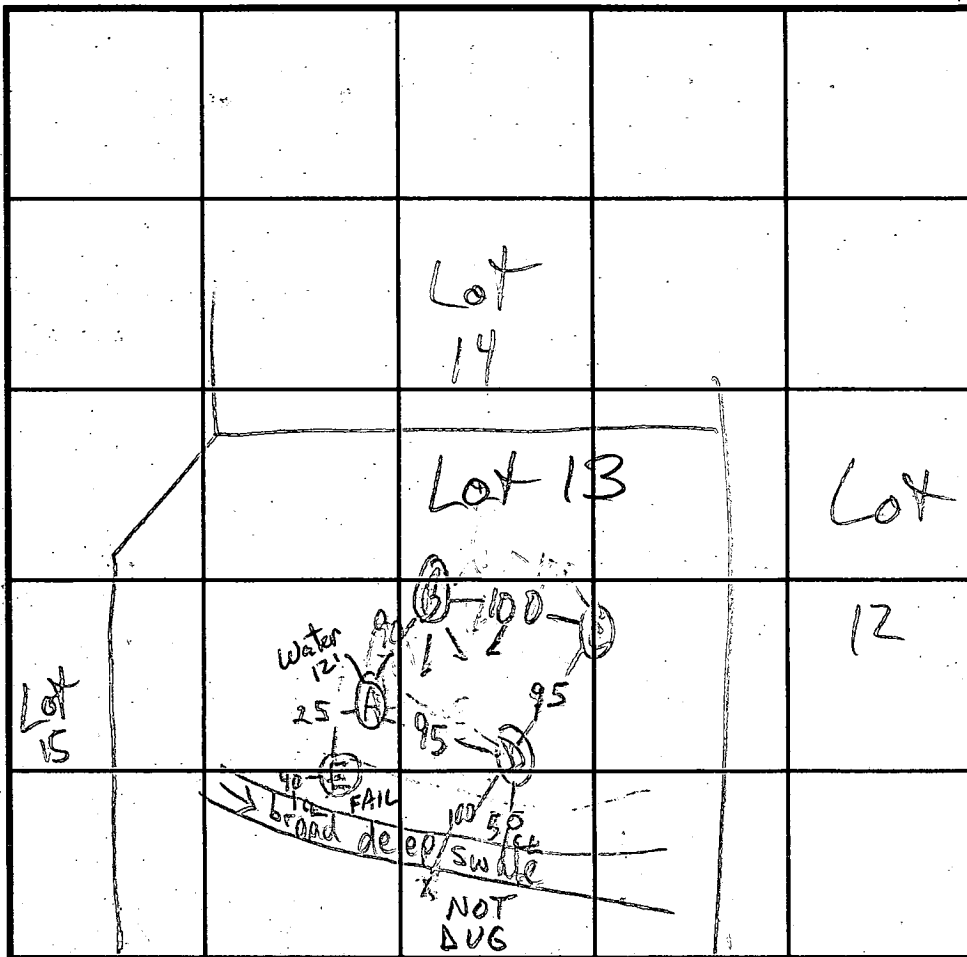
COUNTY #

SOIL PROFILE

SOIL PROFILE

0' (13) 0'
brn
si cl
lm
2 1/2
brn
tan pink
fine
sa lm
10-15%
flagstone
saprolite

11-12
pink
brn
sa cl/lm
1 1/2-3
pink
sa mica
lm
5-10% large
blocky frags
5-10% mica
saprolite
13



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/8/94	B S	3 1/2	12:01	12:02	12:02	12:09	2
	B M	6 1/2	12:01			12:02	FAST
	B V	6 1/2	12:02	12:03	12:03	12:04	1
	C S	3 1/2"	12:16	12:18	12:18	12:22	4
	C V	13					
	A S	4	12:08	12:10	12:10	12:17	7
	A V	12	H ₂ O @ 12'				
	D S	3 1/2	12:30	12:32	12:32	12:35	3
	D V	12	12:11				
	E V	11-12'	H ₂ O @ 10 1/2-11'			(NOT SEEN -	
						FAIL BACKFILLED)	

REMARKS

(1) (4) (X) PER ORIG. PLAT; OTHERS NOT PER PLAN

TYPE OF SOIL

TESTED BY

M. Rifkin

ALSO PRESENT

Allen, Demmitt

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

3

TRENCH WIDTH

3

INLET DEPTH

2 1/2

MAXIMUM BOTTOM DEPTH

4 1/2

SQ. FT/BEDROOM

180

10

1

5
ON FARMS

10

STREMBAN
BUFFER

Well Site 50

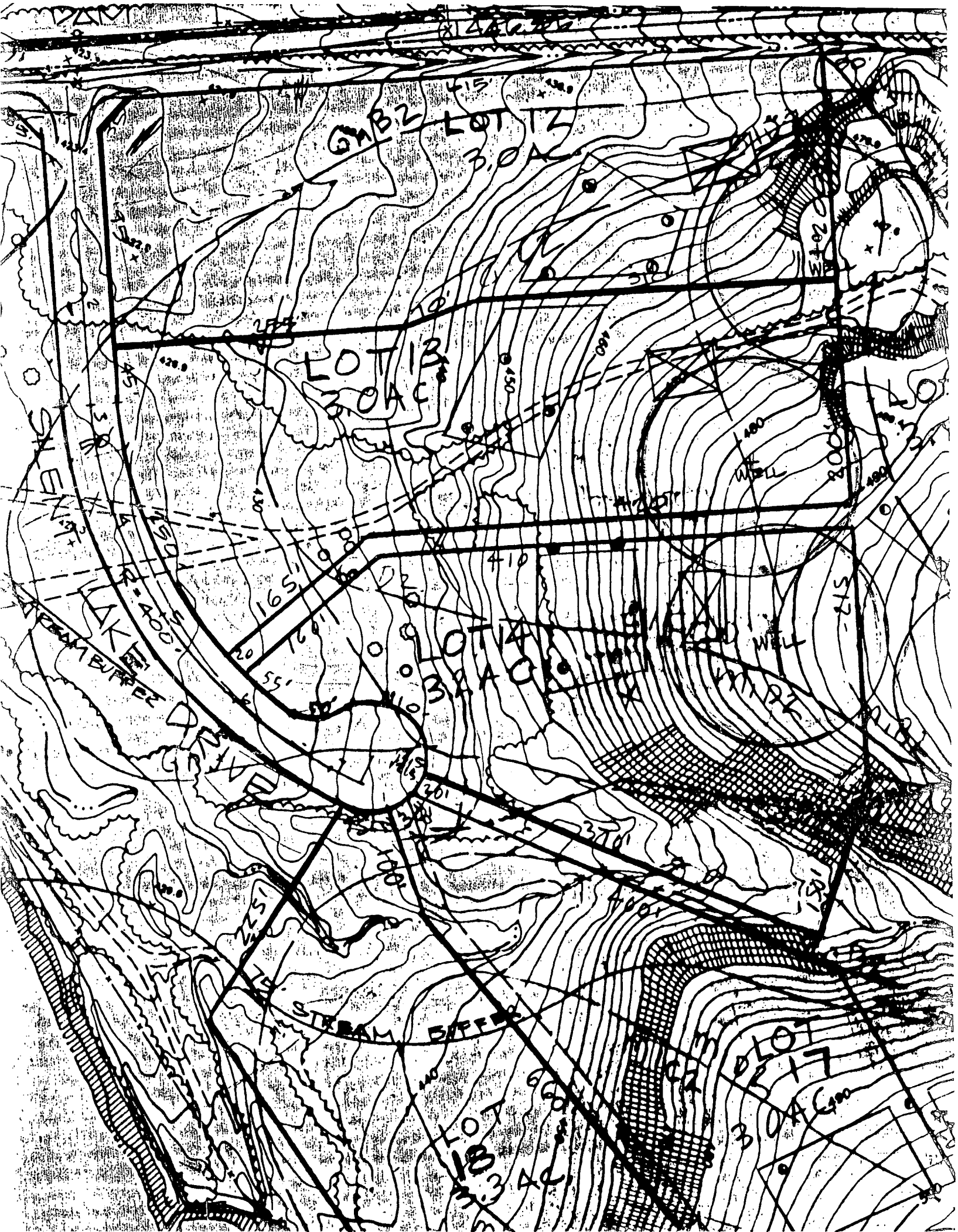
OK

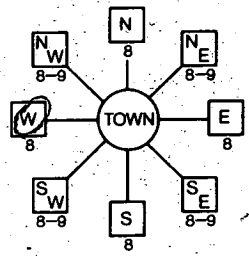
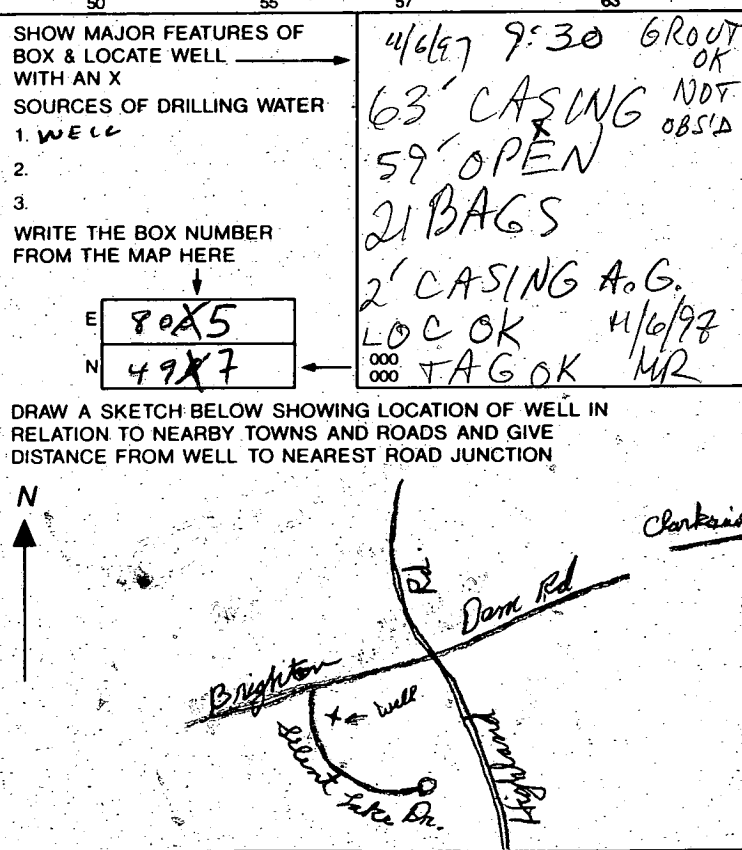
9/15/97

LOI 14
3.0392 ACRES

LOT 15
3.2662 ACRES

48-49-18



B 1 30.19 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-1277 70 fill in this form completely 79
OWNER INFORMATION Date Received (APA) 042296 15 Last Name THOMPSON 34 Owner DALE 36 Street or RFD COLUMBIA RD 55 57 Town COLUMBIA 70 State 72 MD Zip 76 21046		B 3 LOCATION OF WELL 8 COUNTY HOWARD 21 23 SUBDIVISION SPRINGRALE ESTATES 42 SECTION 12 44 46 LOT 12 48 50 52 NEAREST TOWN CLARKSVILLE 71 MILES FROM TOWN (enter 0 if in town) 4 73 MI 76 77 78	
DRILLER INFORMATION CIRCLE: MSD/MGD/MWD Driller's Name Joseph F. Mayne 77 License No. 80 24 Firm Name Joseph F. Mayne Well Drilling Address 5512 Ridge Rd. Mt. Airy, Md. 21771 Signature Joseph F. Mayne 4/22/96 Date		B 4 11 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  23 NEAR WHAT ROAD Silent Lake Drive 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 S 37 DISTANCE FROM ROAD ENTER FT OR MI FT 38 39 TAX MAP: 34 BLK: 14 PARCEL 423	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		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 284 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 INCH METHOD OF DRILLING (circle one) 30 BORED (or Augered) JETTED Jettied & DRIVEN 37 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary Drive-POINT other _____		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard COUNTY NAME A49861C COUNTY NO. STATE SIGNATURE Mark E. Rifkin 9/16/98 DATE ISSUED 43 CO SIGNATURE 0911697 48 NORTH GRID 497000 50 55 EAST GRID 0805000 57 63 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 E 80X5 N 49X7 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
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 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER _____ 54 63 FORCE MR 67 68 WRITE INITIALS IN BOX PERMIT No. HO-94-1277 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -			

C1 9587		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.			
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)								COUNTY NUMBER A49861C			
ST/CO USE ONLY DATE RECEIVED		DATE WELL COMPLETED		Depth of Well				PERMIT NO. FROM "PERMIT TO DRILL WELL"			
8 13		15 20		22 26				28 30 31 32 33 34 35 36 37			
		110697		360				H0-94-1277			
OWNER Thompson				Dale Dr				TOWN Clarksville			
STREET OR RFD				SECTION				LOT 12			
SUBDIVISION SPRINGDALE											
WELL LOG Not required for driven wells				GROUTING RECORD				C3			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				WELL HAS BEEN GROUTED (Circle Appropriate Box)				PUMPING TEST			
DESCRIPTION (Use additional sheets if needed)				TYPE OF GROUTING MATERIAL (Circle one)				HOURS PUMPED (nearest hour)			
FEET				CEMENT (CM) BENTONITE CLAY (BC)				PUMPING RATE (gal. per min.)			
FROM TO				NO. OF BAGS NO. OF POUNDS				METHOD USED TO MEASURE PUMPING RATE			
check if water bearing				GALLONS OF WATER				WATER LEVEL (distance from land surface)			
Sand 0 56				DEPTH OF GROUT SEAL (to nearest foot)				BEFORE PUMPING			
gray granite 56 360				from 0 ft. to 59 ft.				WHEN PUMPING			
				Casing types insert appropriate code below				TYPE OF PUMP USED (for test)			
				STEEL CONCRETE				air piston turbine			
				PLASTIC OTHER				centrifugal rotary other (describe below)			
				MAIN CASING TYPE				jet submersible			
				Nominal diameter of (main) casing				PUMP INSTALLED			
				Total depth of main casing				DRILLER WILL INSTALL PUMP (YES or NO)			
				OTHER CASING (if used)				IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.			
				diameter inch depth (feet)				TYPE OF PUMP INSTALLED			
				SCREEN RECORD				PLACE (A,C,J,P,R,S,T,O) IN BOX 29.			
				screen type or open hole				CAPACITY GALLONS PER MINUTE (to nearest gallon)			
				STEEL BRASS BRONZE PLASTIC OTHER				PUMP HORSE POWER			
				DEPTH (nearest ft.)				PUMP COLUMN LENGTH (nearest ft.)			
				C2				CASING HEIGHT (circle appropriate box and enter casing height)			
				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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100				LAND SURFACE (nearest foot)			
				SLOT SIZE 1 2 3				LOCATION OF WELL ON LOT			
				DIAMETER OF SCREEN				SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)			
				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							
				SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)							