

11-12-96
11:00 CAPI
11/18/96
anytime
12/19/96
10-11
house con

11/18/96 Needs house
connection (D)

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 51346-B

A 50547

DISTRICT 4th

DATE 10-21-96

DATE SYSTEM APPROVED 12-19-96

INSPECTOR KM /ew

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

03-320454

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Pipes Property LOT 5 ROAD 1712 Underwood Road

PROPERTY OWNER Cynthia Lee Shea

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 480 240

TRENCHES - Trench to be 8 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 5 feet below original grade. 2.4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 110' down the left lot line and 80' off this same lot line as viewed from Underwood Road. Run trenches on contour toward Underwood Road.

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

PLANS APPROVED BY Mark Rifkin DATE 7/12/96

COVER NO WORK UNTIL INSPECTED AND APPROVED

vr/vr/

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

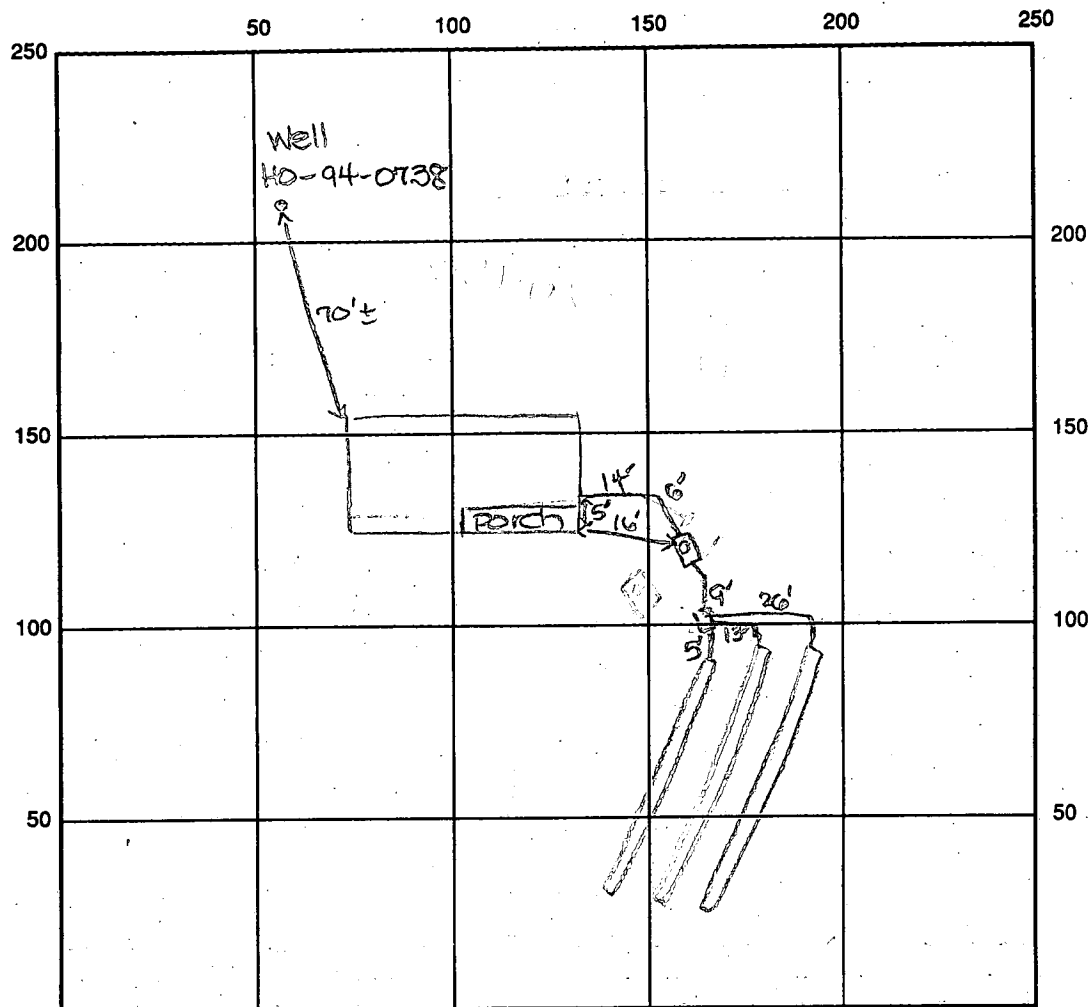
PERMIT VOID AFTER TWO YEARS

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 50547



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Underwood Road

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 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 720 SQ. FT.

REMARKS: 11/15/96 ROCK encountered at septic tank location.
septic specs revised accordingly. OK to start work. DKS
11/18/96 OK to cover all septic work. house connection
needed - notified owner at site. DKS
12/19/96 OK house connection made KM

DATE SYSTEM APPROVED 12/19/96

INSPECTOR Kimberly Moisto

APPLICATION

PERCOLATION TESTING

A 50547

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT: _____

DATE 2/27/95

*PERCOLATION OK
1 LOT SUBDIVISION*

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 Neal T. Shea / Cynthia L. Shea

ADDRESS 472 Norville Ct. Glen Burnie MD. PHONE 410-766-1881

AGENT ~~OR PROSPECTIVE OWNER~~ WILLIAM F. DIXON

ADDRESS 1141 RIVER ROAD, SYKESTOWN MD. PHONE 410-489-4869

PROPERTY LOCATION:

SUBDIVISION Piper Property LOT NO. 5

ROAD AND DESCRIPTION Underwood Rd - PAVED
1712 Underwood Road

TAX MAP 9 PARCEL # 9B

SIZE OF LOT 1-Ac - 170 X 256 TYPE BLDG. Single Family Dwelling 4 BRMS
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGN.
PAID AND RETURNED 7-12-96
Serial # B00100796

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.

Neal T. Shea
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING PERC OK, HOLD FOR PLAT MR 3/27/95

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 50547

COUNTY #

SOIL PROFILE

0'

Lot 5

brn
org clay
loam

5-6

tan
gray
fine
sand
loam
<10% frags

13 1/2

(3)

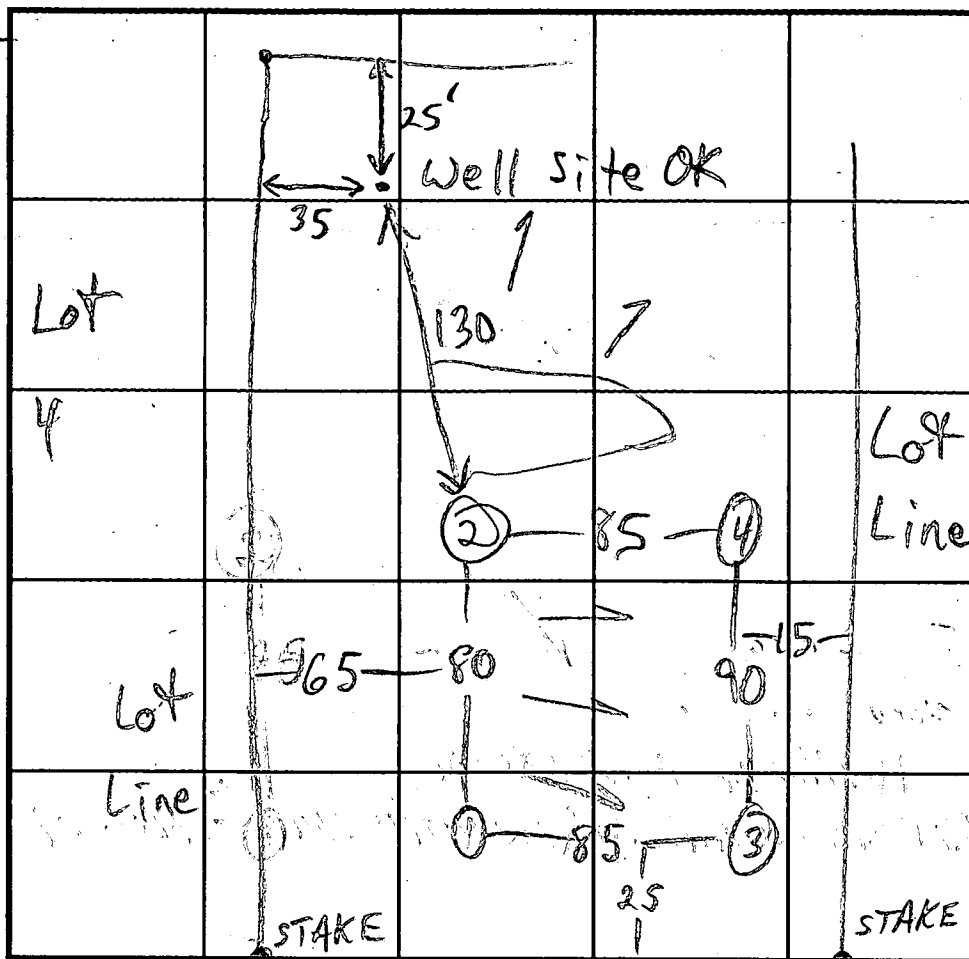
org
brn
sac
lm

3 1/2

tan gray
powdery
sand
loam
<5% frags
gray sa

8

10 1/2

15-20% frags
SEMI-HARD BOT

SOIL PROFILE

0'

org
sac
lm

4

tan
brn
sa lm
5%
frags
HARD BOT

180

$$\begin{array}{r} 180 \\ 4 \\ \hline 720 \\ 4 \\ \hline 180 \end{array}$$

180 linear feet

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/27/95	1 S	5 1/2	10:08	10:25	<1/4" REDIG		
	1 S	6 1/2	10:38	11:01	1/2" REDIG		
	1 V	7 1/2	11:06	11:08	11:08	11:10	2
	2 S	6 1/2	10:41	10:43	10:43	10:45	2
	2 V	13	20% frags @	bot			
	3 H	5 1/2	11:14	11:15	11:15	11:17	2
	3 S	6 1/2	10:47	10:48	10:48	10:50	2
	3 V	4 1/2	11:20	11:21	11:21	11:23	2
	4 S	5	SEMI-HARD	BOT			
	4 V	9'9"	10:54	10:58	10:58	11:11	13
			HARD BOT				

REMARKS HOLES PER PLAN ±

TYPE OF SOIL

TESTED BY M. R. P. K. R. N.

ALSO PRESENT Bill Dixon, Harold Pipes

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5

TRENCH WIDTH 2

INLET DEPTH 5

MAXIMUM BOTTOM DEPTH 9

SQ. FT./BEDROOM 180

SHALLOW REPAIRS!

C1

4178

SEQUENCE NO.
(MDE USE ONLY)

DATE RECEIVED

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

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

OWNER

STREET OR RFD

SUBDIVISION

SECTION

LOT

WELL LOG

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

GROUTING RECORD

WELL HAS BEEN GROUTED

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT

BENTONITE CLAY

NO. OF BAGS

NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

CASING RECORD

casings types
insert
appropriate
code
below

STEEL

CONCRETE

PLASTIC

OTHER

MAIN CASING TYPE

Nominal diameter
top (main) casing
(nearest inch)

Total depth
of main casing
(nearest foot)

OTHER CASING (if used)

diameter
inch

depth (feet)
from to

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below

STEEL

BRASS

BRONZE

OPEN HOLE

PLASTIC

OTHER

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min.)

METHOD USED TO
MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test)

air

piston

turbine

centrifugal

rotary

other (describe below)

jet

submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES or 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)

above

below

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)

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED

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.

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO.

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.

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

DEPTH (nearest ft.)

SLOT SIZE 1 2 3

DIAMETER
OF SCREEN

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

74 75 76

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

HUGO JENVHERLTH

TEL No. 4103132648

Jun 11, 96 8:37 No. 001 P. 01

at-it* Fax Note	7671	Date	6/11	# of pages	①
		From	Kim		
Dept.		Co.	Howard Co.		
me #		Phone #	(410) 313-2642		
#		Fax #	(410) 313-2648		

HEALTH DEPARTMENT
 Ironmental Health
 cott Mills Drive
 City, MD 21043
 1-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
 Replacement ☐

Receipt #

Date

10-8-96

Name of Installer Welford's Well & Pump Service, Inc.Telephone 437-3957License Number #288Certified Well Pump Installer ☐Well Driller ☒Registered Plumber ☐Name of Property Owner Mardin ConstructionTelephone 544-3500Subdivision Pipes Property Lot # Well Tag # HO-94-0138Site Address 1712 Underwood Road

Pump

1. Type

- a. Deep well jet ☐
 b. Shallow well jet ☐
 c. Submersible ☒

2. Make Goulds3. Model # 765054224. Capacity 10 GPM5. 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 ☐

Motor

1. Horsepower 1/22. RPM 3. Voltage a. 110 b. 220 ☒

Pitless Adapter

1. Make MARTINSON2. Model # B-10X3. Depth 42"

Tank

1. Capacity 212. Pressure relief valve? yes

Piping

1. Type POLY2. Size 1"3. NSF and/or BOCA Code approved ☒4. Depth of supply line 42"

Well data

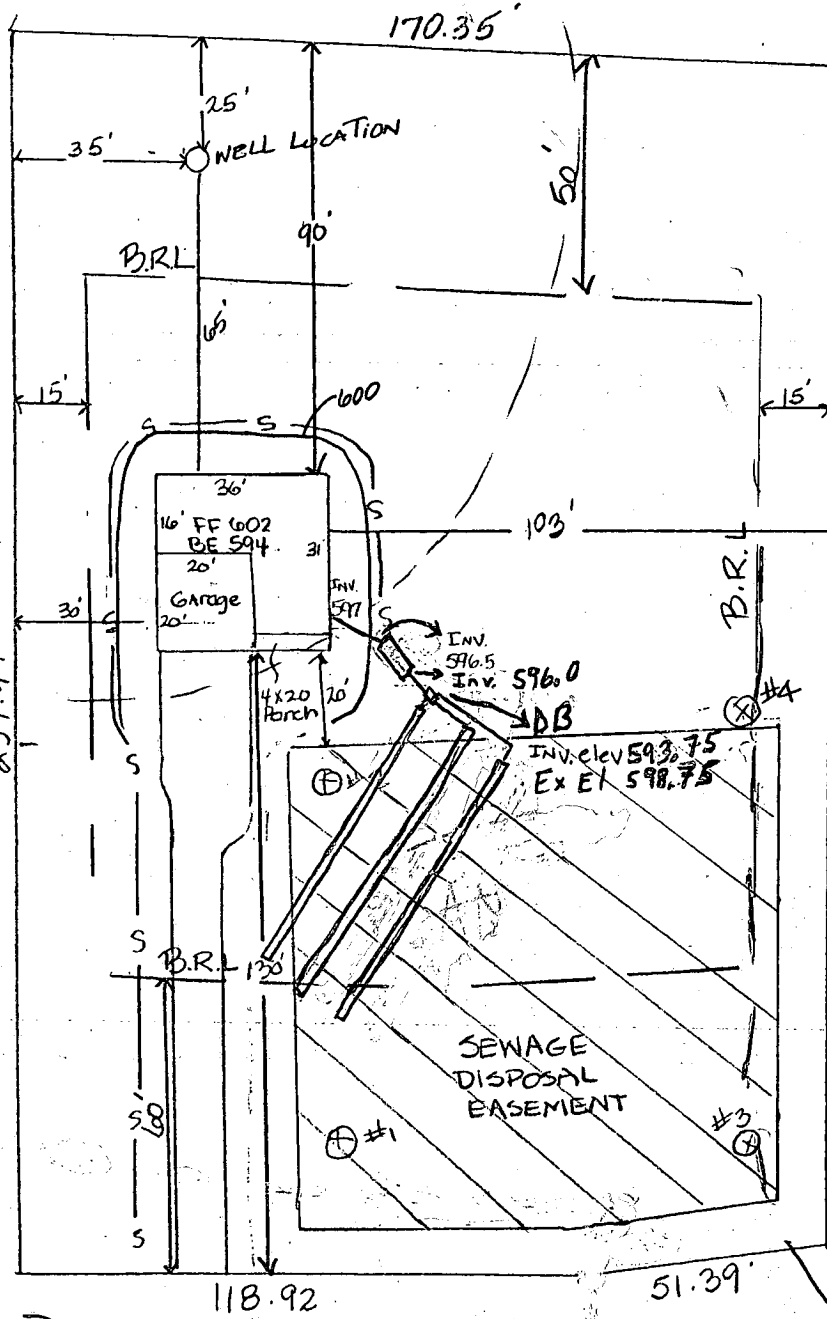
1. Depth 105 ft.2. Yield GPM3. Static water level ft.4. Will water supply be disinfected by installer? ☐

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: Dan WelfordDate: 11/11/96

11/12/96
 WPT OK to cover
 No two-piece well caps



THIS
TOPO
NOT FIELD
RUN, PER
COUNTY
TOPO

UNDERWOOD ROAD

Property Address: 1712 Underwood Rd
Sykesville, Md

Septic Plan A50547

Scale 1" = 40'

Approved Septic System Plan
Howard County Health Department

B00100776

Mark E. Refkin 7/12/96
Signature Date

595

595

DATE

FORMED IN

CIATES.

TES IRON PIPE FOUND

THE NEAREST

HE MASTER PLAN

IN ACCORDANCE WITH

NS FOR THE

ENT BECAUSE

LOT 1

PIPES PROPERTY

PLAT #10034

PIN & CAP

FND.

Q ROAD

UNDERWOOD ROAD

(EXISTING STATE R/W, VARIABLE WIDTH)

R/W PLAT NOS. 42657 & 42654

130,680 S.F.

OR 4037 S.F.

3.093 AC. OR 134,720 S.F.

N 542,500

E 805,450

N 81°03'23" W 353.81'

N 08°56'37" E 170.00'

N 12°39'17" E 170.35'

N 05°11'01" E 381.59' (TIE)

N 81°03'23" W 252.61'

N 81°03'23" W 259.94'

N 81°03'23" W 247.82'

S 10°51'09" W 38.88'

S 11°48'23" W 100.13'

S 10°51'11" W 118.92'

S 03°17'44" W 51.39'

LOT 4

43,560 S.F. ±

1.000 AC ±

LOT 5

43,560 S.F. ±

1.000 AC ±

RESIDUE

FRED PIPES

921/372

SHA BASELINE = Q ROAD

copy of Signed

Final

F-96-21