

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56394

A 41414

DISTRICT 3rd

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

313-2640

INDEXED

DATE 1/11/96

DATE SYSTEM APPROVED

5/30/96

INSPECTOR

M. Rifkin

Arnolds Backhoe & Septic Service, Inc.

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 7110 Woodbine Road, Woodbine, MD 21797

PHONE 795-7873

SUBDIVISION Kings Gift

LOT 8

ROAD 11622 PRINCESS LANE
11780 Frederick Road

PROPERTY OWNER Trinity Custom Homes, Inc.

ADDRESS

SEPTIC TANK CAPACITY 2000 GALLONS

NUMBER OF BEDROOMS 6

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240
260

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3 feet below original grade. 4.5 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 95.00' and 353.89' lot lines, start the first trench 40' down the 353.89' lot line and 75' from this same lot line. Run trenches along contour away from the house.

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

TRENCH SPECS ADJ. DUE TO DIFF. TOPD. TIGHT AREA MR 4/25/96

PLANS APPROVED BY Craig Williams/Mark Rifkin

REPAIRS SHALLOW

DATE 11/13/89, 12/19/95

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.

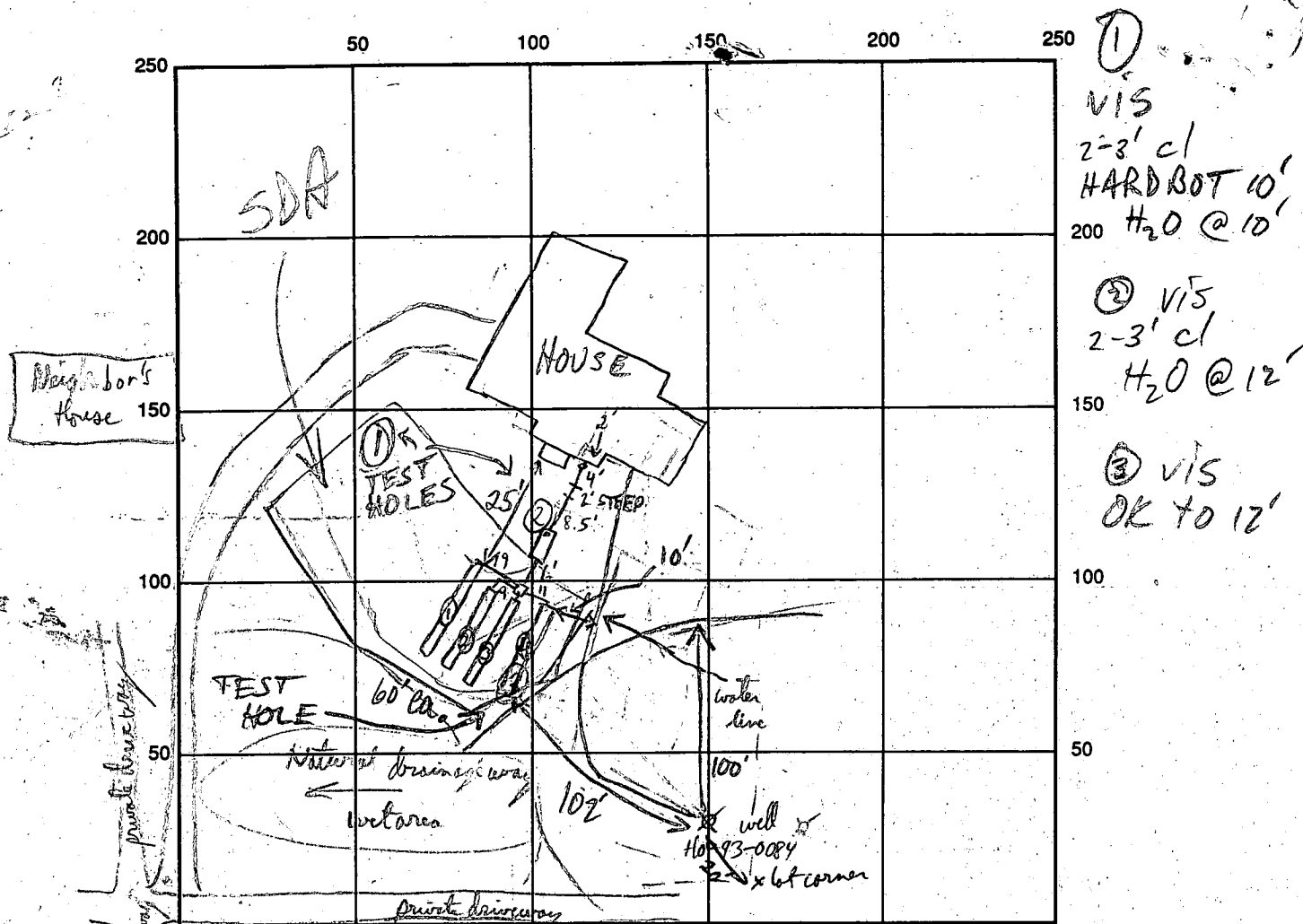
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

Add Con - Pool
BLDG PERMIT SIGNED
AND RETURNED 4-24-96
Serial # 64720A
4/4/96



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2000 GAL - OK CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL BAFFLE IN - OK

DRAIN FIELD/TITLE DEPTH

1	2	3	4
7	7	7	7

 FT. TRENCH WIDTH 2 FT. INLET DEPTH

1	2	3	4
3	3	3	3

 FT.

EFFECTIVE GRAVEL DEPTH

1	2	3	4
4	4	4	4

 FT. TOTAL LENGTH 4 @ 60 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL BOTTOM AREA 4 @ 240 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 960 SQ. FT. (~10% BELOW SPECS)

REMARKS: 4/25/96 #1 TOPO NOT AS PER FIELD RUN SITE PLAN; SPECS ADJUSTED; GAVE OK FOR TRENCHES TO RUN SLIGHTLY OFF GRADE. BOTTOM LEVEL STONE LEVEL REMAINING REPAIR AREA TIGHT MR 4/25/96 #2 TRENCHES ① & ② OK; CONTINUE MR 4/25 #3 TRENCH ③ OK TO COVER; DIG #4 MR 4/26/96 SYS. OK TO COVER; NO FINAL W/O
with barometer and water line OK @ 3 3/4' HP 3/5/96 RESOLUTION OF REPAIR AREA TOPO CONCERNS
 DATE SYSTEM APPROVED 5/30/96 INSPECTOR M. R. R. R.
5/30/96 FIELD RUN TOPO REVIEWED, ACCEPTED MR

APPLICATION

PERCOLATION TESTING

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

A 41414
P _____
DISTRICT 3
DATE 4/6/88
10 March 1988

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 Jean R. Dickey, Individually; Jean R. Dickey, Trustee Jean R. Dickey Inter-Vivos TRUST
ADDRESS 13850 Forsythe Rd., Sykesville, Md 21784 PHONE (301) 442-2226

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 8

ROAD AND DESCRIPTION North on Route 144, East of Thompson Drive

TAX MAP 16 PARCEL # 325

SIZE OF LOT 5.029 Acre TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 12-19-95
S.F.D. 6 BRN. Serial # 62894

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 F. Lane (Agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4/5/88 - OK FOR SHALLOW SYSTEMS

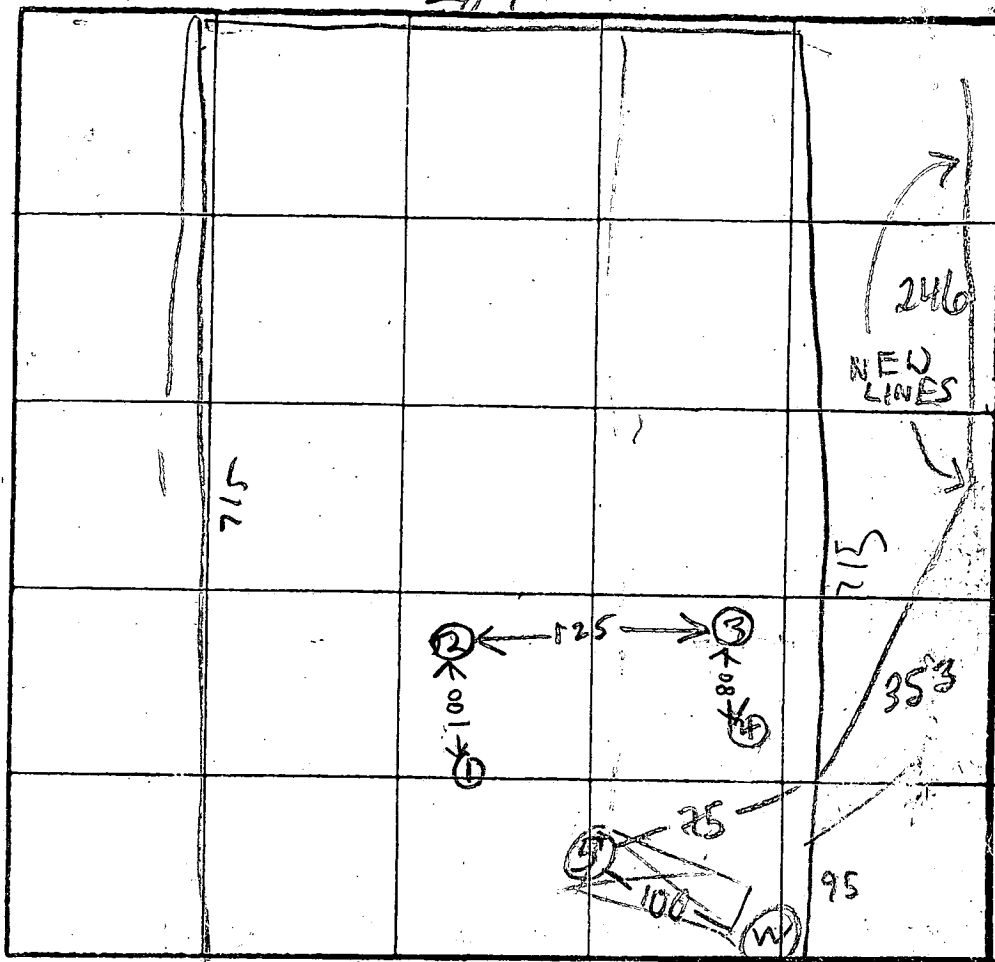
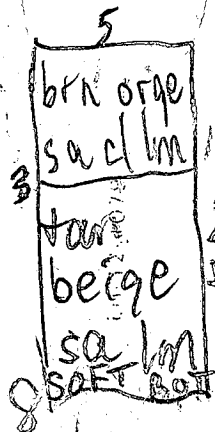
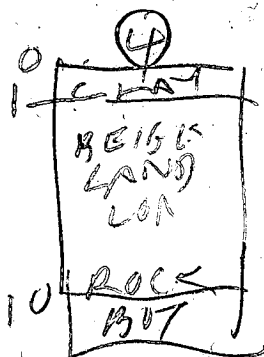
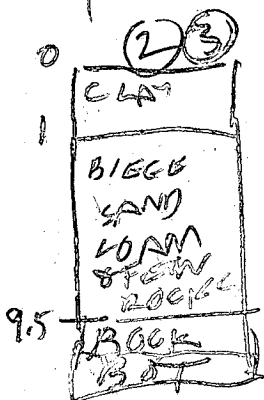
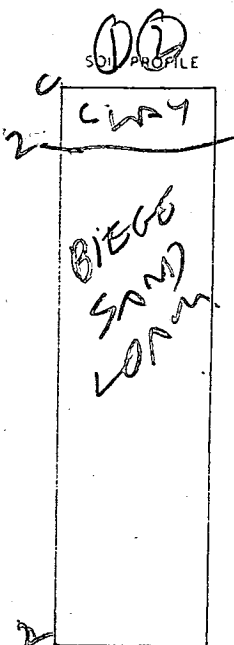
HOLD FOR PLAT

THIS IS NOT A PERMIT

KINGS GIFT LOT 8

4 BE PLAT

BACK 297



X Perc
3min
180 #/BK
3-4.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS
BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/5/88	A 1 S	3	1103	1104	1104	1105	1	
	A 1 V	7	1104	1105	1105	1106		
	A 1 V	12	OK					
	B 2 S	3	1112	1114	1114	1119	5	
	B 2 V	9.5	OK					
	C 3 S	3	1123	1124	1124	1129	3	
	L 3 V	9.5	OK	ROCK	9.5 F7			
7/5/88	D 4	10	OK	but Rock Bottom				
12/19/95	5 V	8	OK - hoe could not go deeper					

REMARKS

TYPE OF SOIL

TESTED BY

OK for shallow Hole Dug Per Surveyor

R. HODGES

ALSO PRESENT

DAVE
O. KETTERMAN

5.000

NOTE: FIELD RUN TOPO IS REQUIRED AT BUILDING PERMIT STAGE

LOT 8

LOT
4.189

40
2364 A41414

~~29 EXEMPT FOR INGRESS
& EGRESS LOT 14~~

570.50
WIDE STR

N 70° 54'

APPLICATION

PERCOLATION TESTING

A 41418

P _____

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

DISTRICT _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Kings Gift ADJ. PERC ABANDONED LOT NO. 8

ROAD AND DESCRIPTION Frederick Road

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

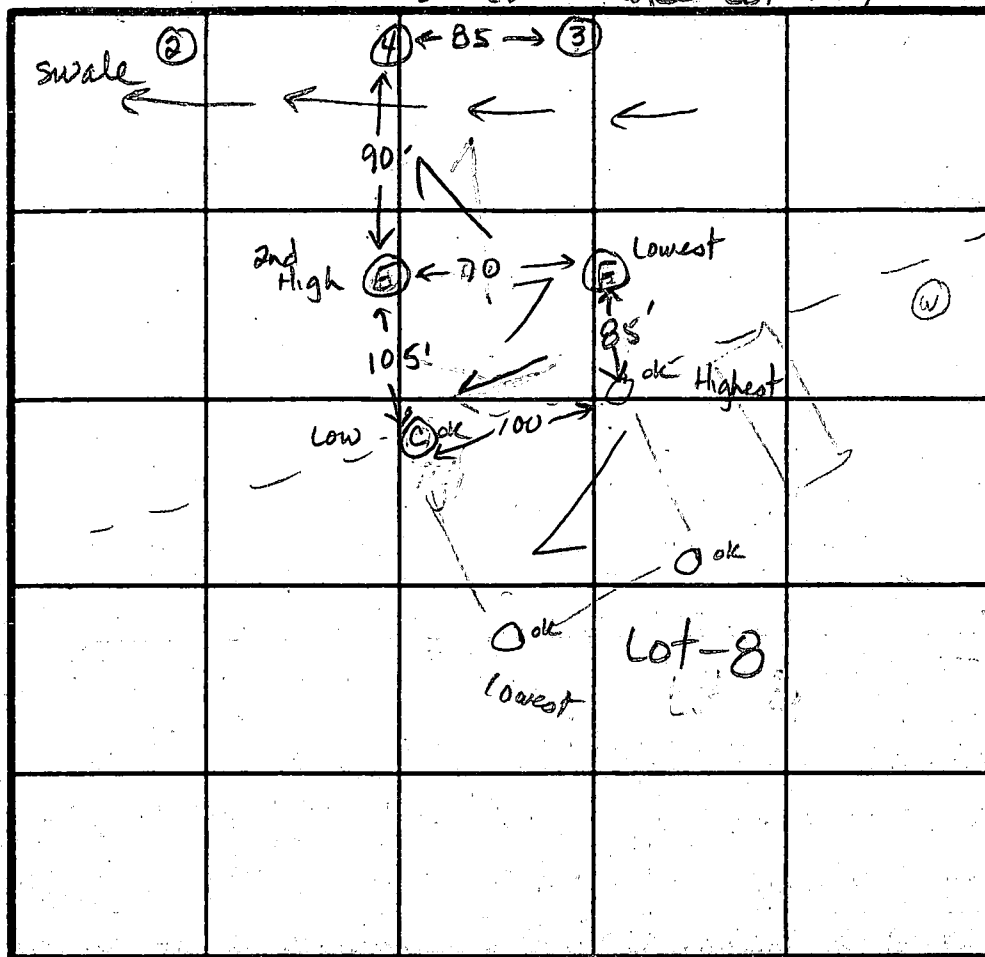
REASONS FOR REJECTION OR HOLDING 3-17-89 For perc hole locations and subdivision plat

approval DEN

FIELD TOPO REQ'D AT B.P. - SWALG, PUMP SYSTEM OR FILL SWALG

THIS IS NOT A PERMIT

Lot-13 (2nd choice Lot-14)



(E) SOIL PROFILE

0-4.0 Br silty cl
1m
4.0-11.0 Tan mica
sa silty, little
decomposed
rock < 15%
some
saprolite
< 40%
11.0 Bottom

(F)

0-3.5 Br silty cl
1m, some
roots
3.5-10.5 Dk-br to
tan
micaceous
sa silty,
some
saprolite
< 30%
10.5 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-17-89	E	3.5 S	11:34	11:36	11:36	11:40	4min
		11.0 D	Bottom (see profile)				ok
	F	4.0 S	11:32	11:34	11:34	11:39	5min
		10.5 D	Bottom (see profile)				ok

REMARKS Holes E & F to be combined w/holes in common on Lot-8 to form another lot. Expand area to 10,000 sq ft.

TYPE OF SOIL

TESTED BY Jane Nadeau, C. Williams ALSO PRESENT Glen K III Jennifer, Jennifer

APPLICATION

PERCOLATION TESTING

A 41418

P _____

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

DISTRICT _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Kings Gift LOT NO. Lot-13 (14 2nd choice)

ROAD AND DESCRIPTION Frederick Road (Rt 144)

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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. _____

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3-17-89 Unsuitable soils. Recommend rejection JEN.

HD-216

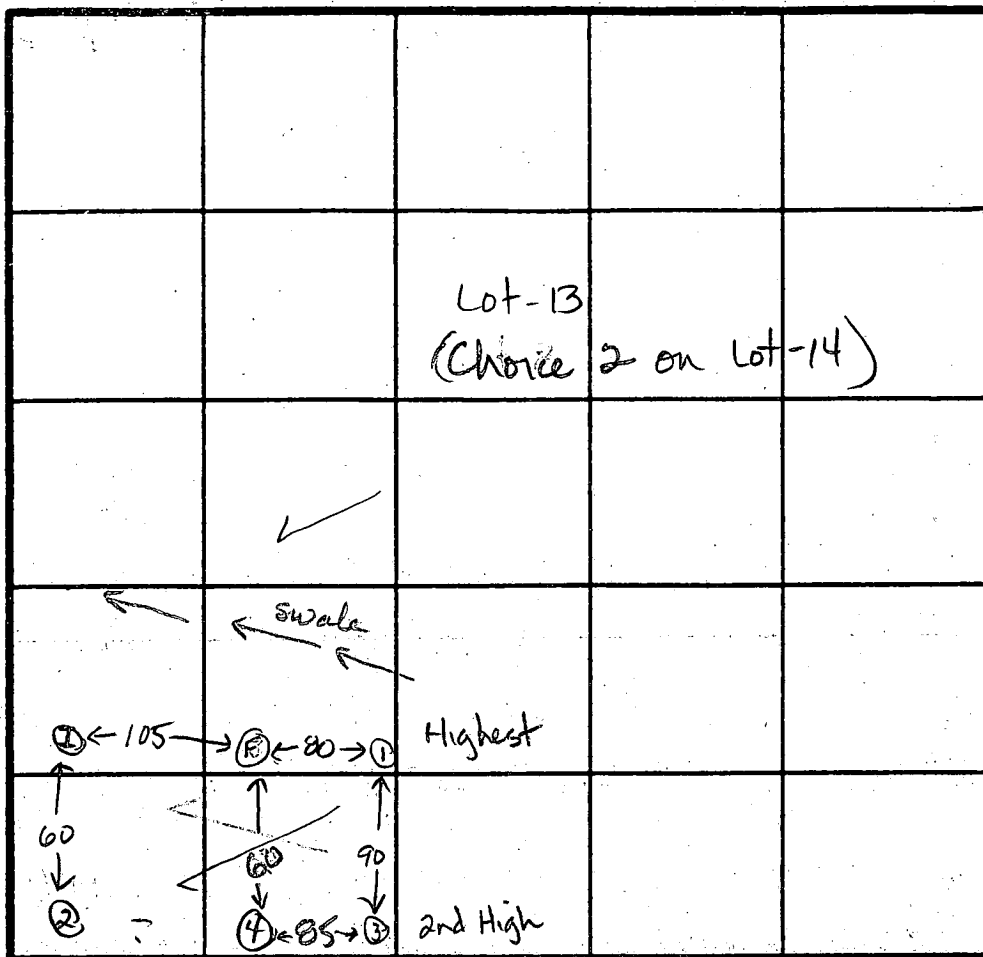
THIS IS NOT A PERMIT

(F) SOIL PROFILE

0-3.0 Br sa cl
si lm, trc
of organics,
some roots

3.0-9.0 Tan micaceous
sa si lm,
some veins
of quartz
and decomposed
saprolite
< 60%
water
at 7.0 ft

9.0 Bottom



(4)

0-3.5 Br-gray si
sa cl lm
some mottles
< 35%,
some organics
< 100%,
trc of roots

3.5-? Dk br mica
sa si lm

?-9.5 Tan mica
sa si lm
some
saprolite
< 30%
water at
7.5 ft

9.5 Bottom

(1)

0-3.5 Br sa cl
si lm,
some roots

3.5-10.5 Tan micaceous
sa si lm,
some
decomposed
rock < 15%,
saprolite
with veins
of quartz
water at
7.0 ft

10.5 Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-17-89	I		Not observed		(Water at 8.0 ft)		No
	2		" "		(Water at 8.0 ft)		No
	F	9.0 V	(Water at 7.0 ft)				No
	1	10.5 V	(Water at 7.0 ft)				No
	3	7.5 V	(Water at 5.5 ft)				No
	4	9.5 V	(Water at 7.5 ft)				No

(3)

0-3.5' Brown to gray
sa si cl lm,
some organics
< 20%, mottles
< 40%, little
roots, < 10%
angular gtz
pieces

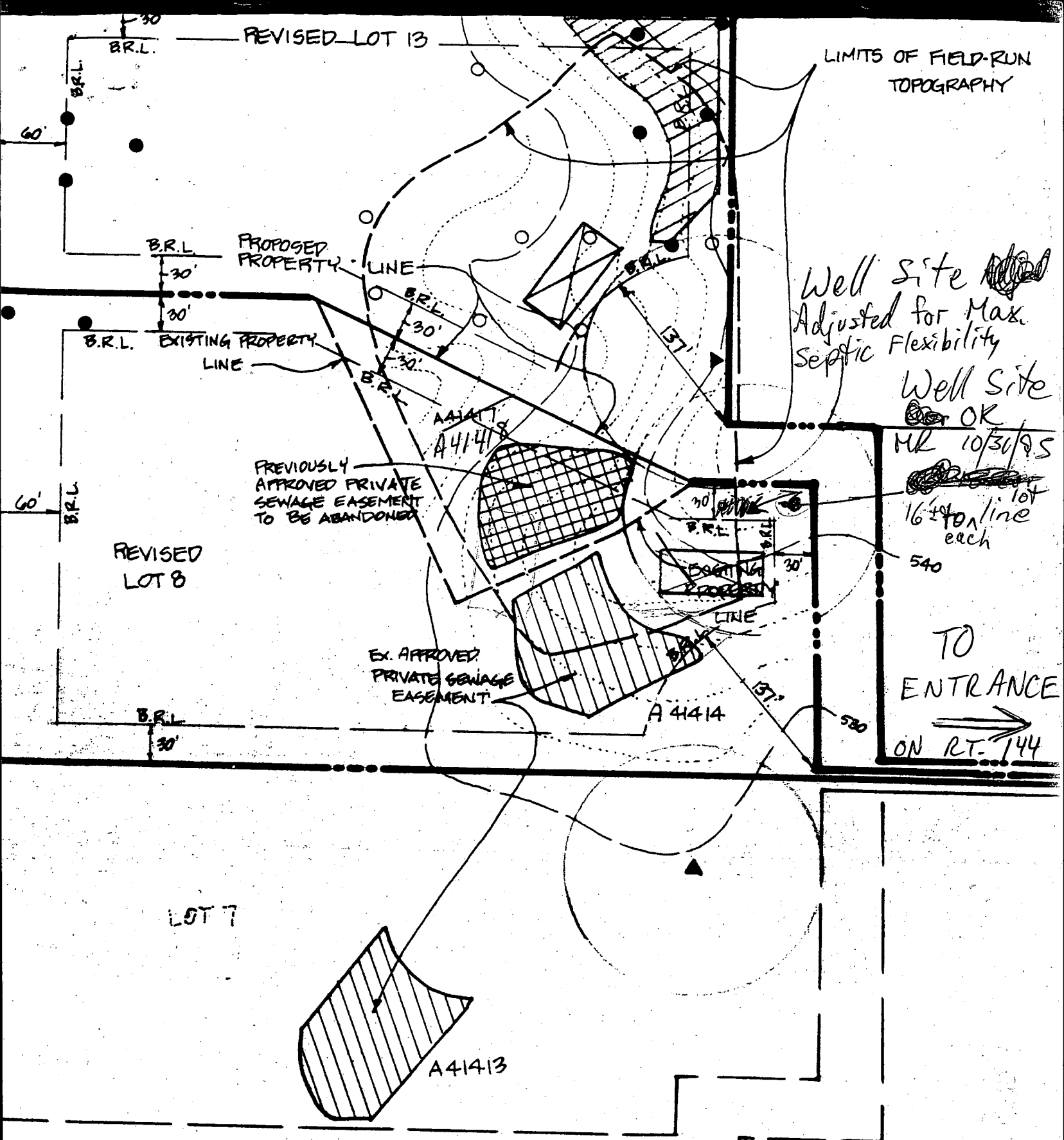
3.5-7.5' Dk br mica
sa si lm

7.5-10.5' Tan mica sa si lm, < 40% decomp. rx, water at 5.5 ft.

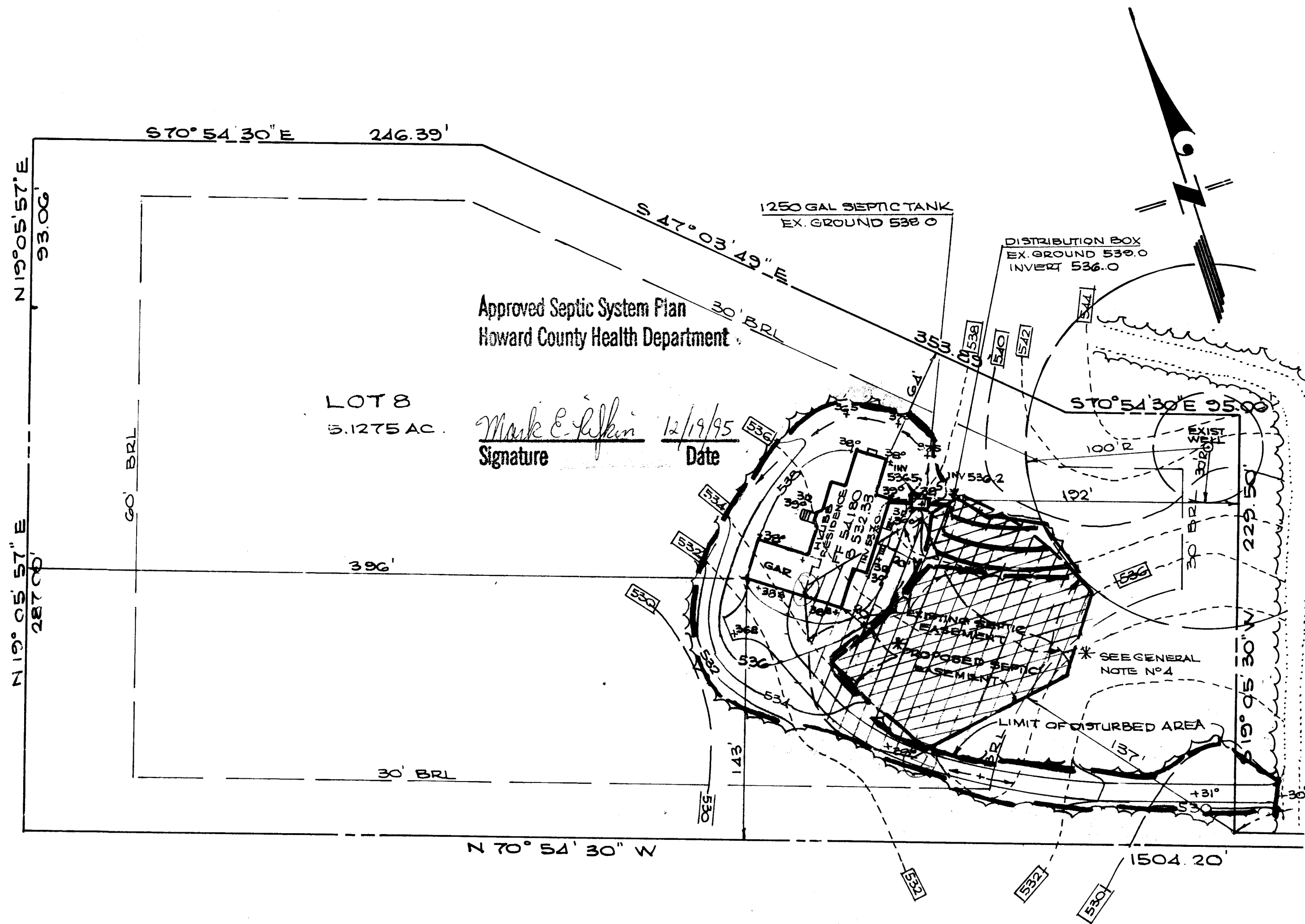
REMARKS: Holes 3 & 4 show mottles near surface, All holes had water at 5' to 8'

TYPE OF SOIL: _____

TESTED BY: Jane E. Nadeau, C. Williams ALSO PRESENT: Glen K III
Jennine, Jennifer



Copy of
Signed Perc Cert Lot 13
(Adjusting Lot 8/13 Lot line)



3/5/96 PM

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3625-R Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # _____
Date _____

Name of Installer

S.K. Plumbing & Heating, Inc.

Telephone 410 775-0562

License Number

12285

Certified Well Pump Installer

Well Driller

Registered Plumber

☒

Name of Property Owner

Trinity Homes

Telephone 410-313-8122

Subdivision

Kings Gift

Lot #

8

Well Tag #

HO-93-0084

Site Address

11780 Frederick Rd

Pump

1. Type

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

2. Make

Jazzcassi

3. Model

Capacity _____ GPM

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 8 Shock

Motor

1. Horsepower

3/4

2. RPM

3. Voltage

a. 110

b. 220 ☒

Pitless Adapter

1. Make

2. Model

3. Depth

Piping

1. Capacity

2. Pressure relief

valve? Yes

Piping

1. Type

P.C.

2. Size

1"

3. NSF and/or BOCA

Code approved _____

4. Depth of supply

line per Code

Well data

1. Depth

200 ft.

2. Yield

4.3 GPM

3. Static water

level _____ ft.

4. Will water supply

be disinfected by

installer? Yes

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:

Vijl Ke

Date:

2/12/96

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

HD-215

1-800

C12874

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
NUMBERA41414

ST/CO USE ONLY
DATE RECEIVED

DATE WELL COMPLETED
121295

Depth of Well
200
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-93-0084

OWNER
H. Hubb Paul
STREET OR RFD
Frederick Rd
SUBDIVISIONKING'S GIFTSECTIONTOWNWb FriendshipLOT8

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	
Overburden Gray Rock	0	36	x
	36	200	
water was encountered at 96'			

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)
TYPE OF GROUTING MATERIAL (Circle one)
CEMENTCMBENTONITE CLAYBC
NO. OF BAGS10NO. OF POUNDS1000
GALLONS OF WATER60
DEPTH OF GROUT SEAL (to nearest foot)
from0ft. to38ft.
(enter 0 if from surface)

CASING RECORD
casing
types
insert
appropriate
code
below
STEELSTCONCRETECO
PLASTICPLOTHEROT
MAIN
CASING
TYPE
Nominal diameter
top (main) casing
(nearest inch)
Total depth
of main casing
(nearest foot)
ST638
OTHER CASING (if used)
diameter
inch
depth (feet)
from
to

SCREEN RECORD
screen type
or open hole
insert
appropriate
code
below
STEELSTBRASSBRONZEPL
OPEN
HOLE
OTHEROT
DEPTH (nearest ft.)
14038200
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

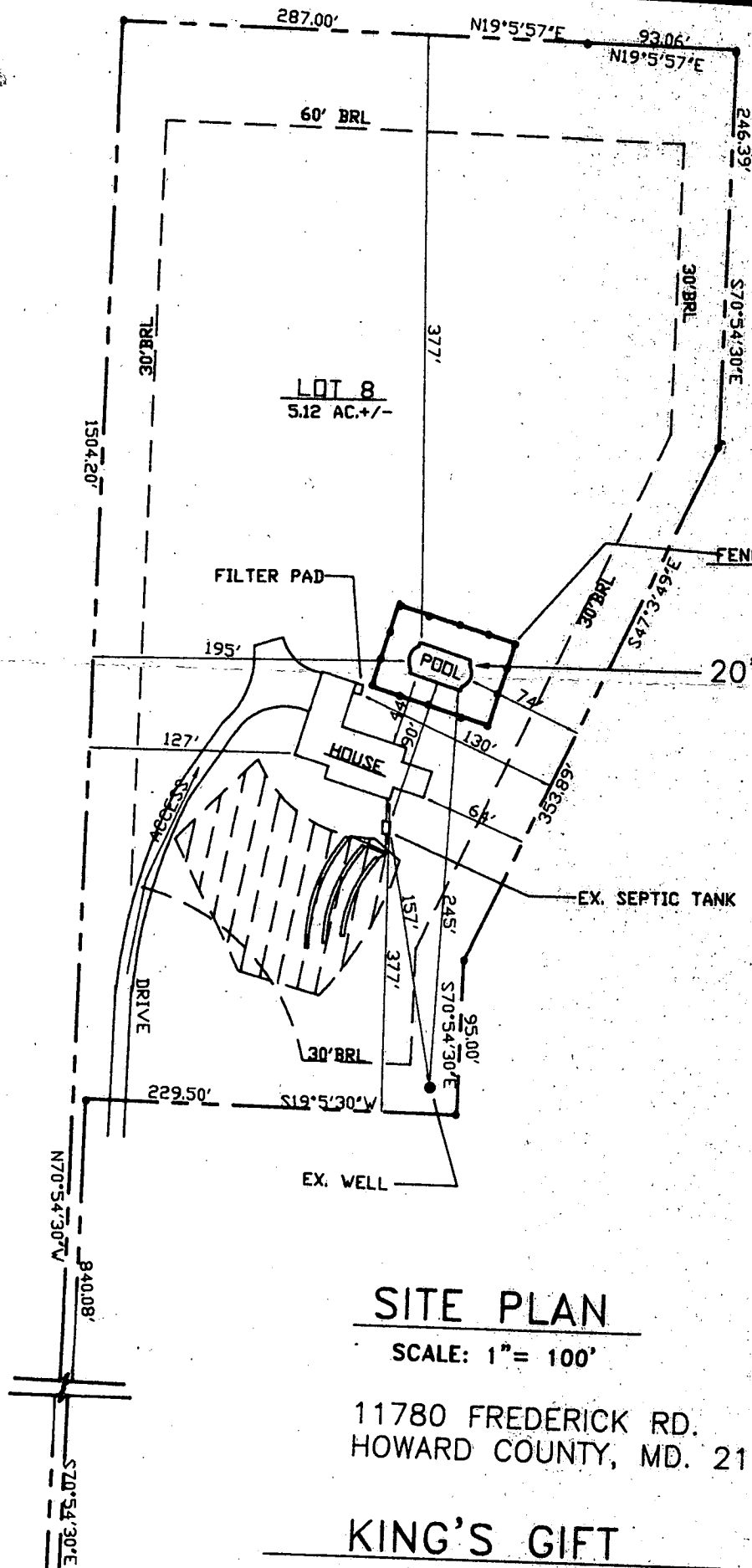
SLOT SIZE 123
DIAMETER
OF SCREEN
5660
fromto
GRAVEL PACK
IF WELL DRILLED WAS
FLOWING WELL INSERT
F-IN BOX 68

MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)
T. (E.R.O.S.) W. Q.
7072747576
TELESCOPE LOG OTHER DATA
CASING INDICATOR

PUMPING TEST

HOURS PUMPED (nearest hour)3
PUMPING RATE (gal. per min.)142
METHOD USED TO
MEASURE PUMPING RATESubmersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING24ft.
WHEN PUMPING25ft.
TYPE OF PUMP USED (for test)
AairPpistonTturbine
CcentrifugalRrotaryOother (describe below)
JjetSsubmersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (YES or NO) YESNO
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)
Property
16'
16'



LOT 8
5.12 AC. +/-

FENCE DATA:
5' HIGH WOOD FENCE AS PER
CODE- BY OWNER

20'X40' SWIMMING POOL

EX. SEPTIC TANK

EX. WELL

SITE PLAN

SCALE: 1" = 100'

11780 FREDERICK RD.
HOWARD COUNTY, MD. 21042

KING'S GIFT

LOT 8, LOT SIZE- 5.12 AC. +/-
DEED REF. 2136/572, 2136/578
3RD ELECTION DISTRICT