

SYSTEM TO BE INSTALLED FIRST
BEFORE BUILDING PERMIT CAN
BE SIGNED.

PERMIT

P 33695

A 27652

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 3rd

INDEXED

DATE

COMPLETE 3/27/84 F.S.

Jack Fyock

IS PERMITTED TO INSTALL XX ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION Heritage Farms ROAD 1259 Heritage Farms Court LOT 3

PROPERTY OWNER David Ballentine

ADDRESS 9036-A Town and Country Boulevard, Ellicott City, Md. 21043

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - Trench to be 5 ft. wide. Inlet 3 ft. below original grade. Bottom maximum depth 4½ to 7½ feet below original grade. Effective area begins at 3 feet below original grade. 1½ to 2½ feet of stone below distribution pipe. Start the trench 340 feet from the front lot line and 10 feet from the left side line. Continue to dig trench parallel to the left side line running towards ~~the~~ Heritage Farms Court. Keep bottom of trench and distribution pipe in trench nearly level.

PLANS APPROVED BY Frank A. Skinner DATE 2/7/84

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

BLDG. PERMIT SIGNED

AND RETURNED 5/20/84

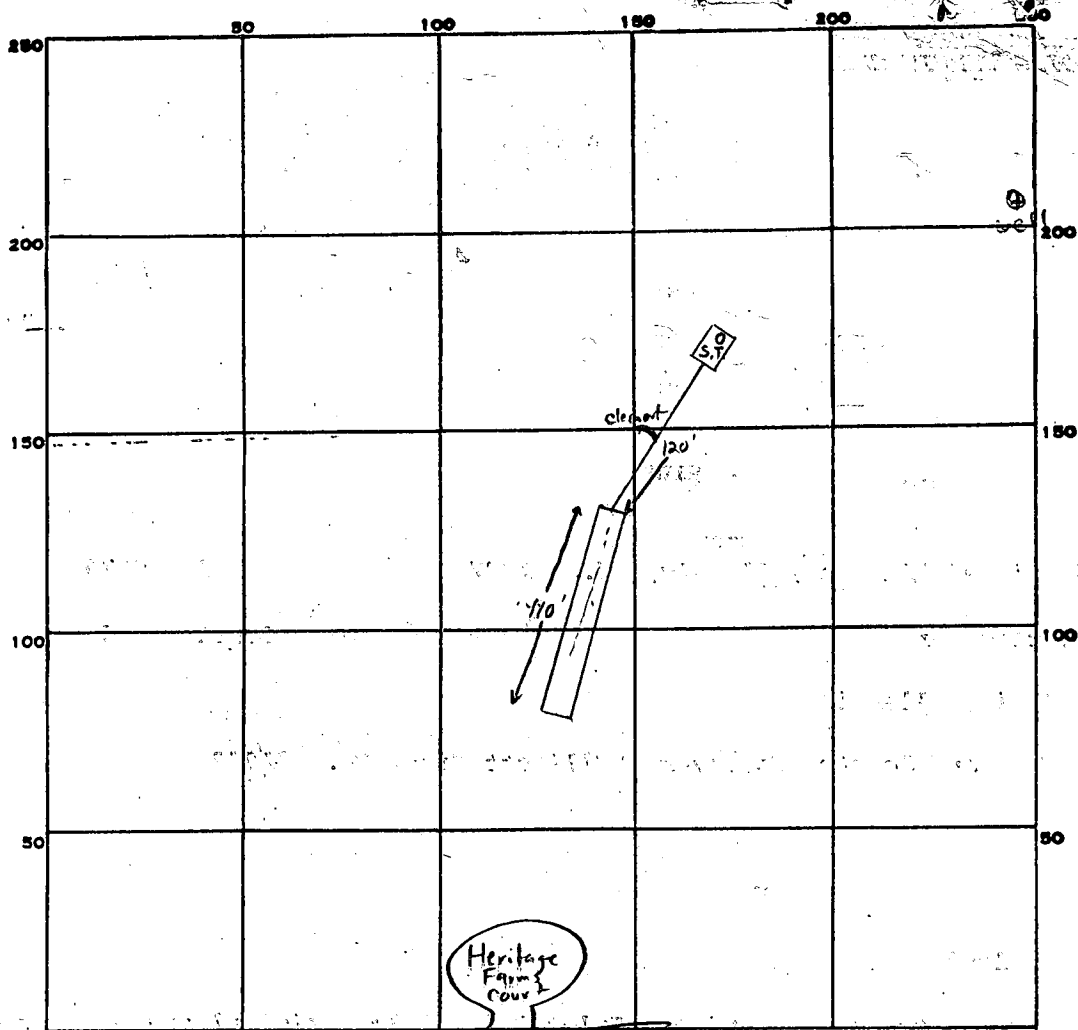
Serial # 58606 SFD.

BLDG. PERMIT SIGNED

AND RETURNED 6/20/01

200130980 - 2001

27652



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒ 1000 gallons

CLEANOUTS

S.T. / Line
O.K. / O.K.

DISTRIBUTION BOX, LEVEL n.o

TILE FIELD, DEPTH 3-6 FT. TRENCH WIDTH 5 FT.

GRAVEL DEPTH 1 1/2-2 FT. TOTAL LENGTH 110 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 550

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/27/84 Call for final house connection inspection when ready, F.S.

NO FURTHER CONTACT AS OF 7/28/95 INDEV AS COMPLETE (CW)

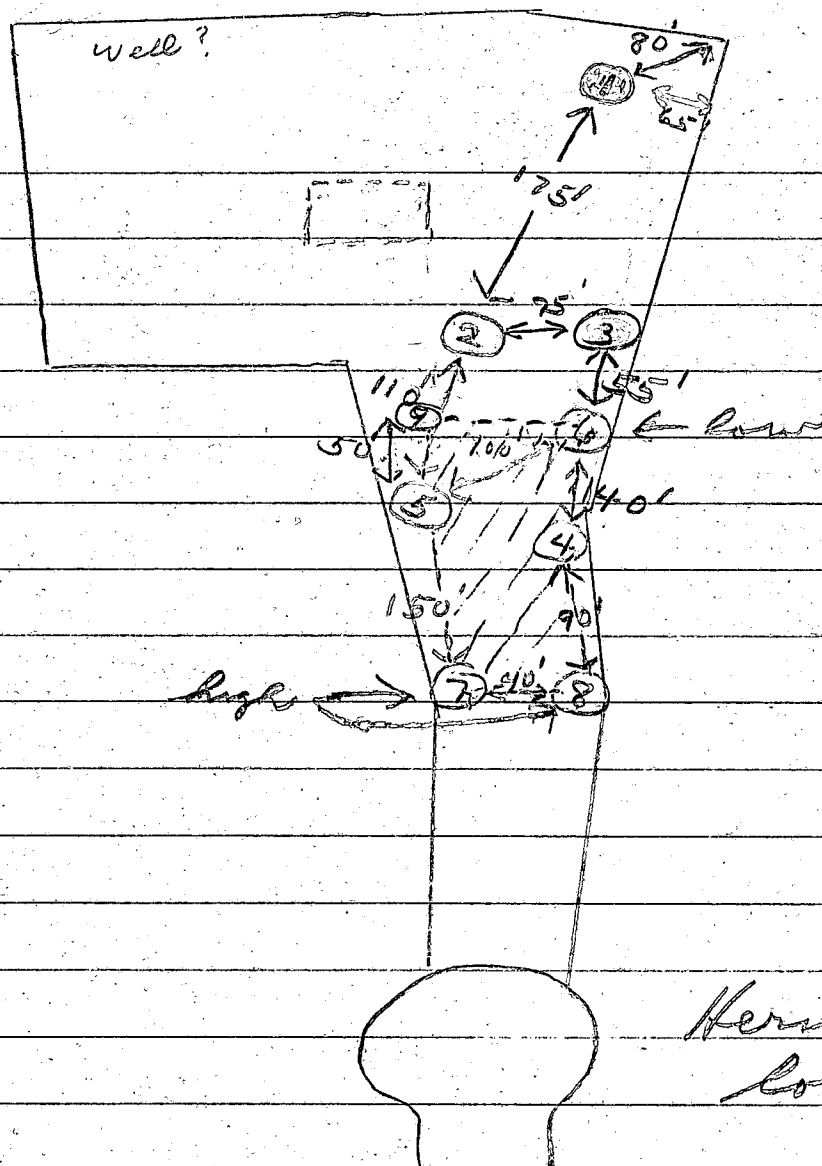
DATE SYSTEM APPROVED COMPLETE

3/27/84

INSPECTOR

FRANK SKINNER

(CW)



Rt 32

7/21/81 - 88

1	water	9'							
2	water	12'							
3	- water	10'							
(4)	S	3'	4:01	→	4:05	→	4:11	—	6
	M	7'	3:59	→	4:01	→	4:07	—	6
(5)	S	2'	3:48	→	3:53	→	4:14	—	21
	M	7'	3:48	→	3:51	→	3:56	—	5
6	- water	12 1/2'							
(6)	S	3'	3:44	→	3:49	→	3:56	—	7
	M	7'	3:40	→	3:45	→	3:50	—	5
(7)	S	3'	4:14	→	4:18	→	4:23	—	5
	M	7'	4:14	→	4:18	→	4:22	—	4
(8)		13'	✓						
(9)		12'	✓	- water	at	12'			

all
dig
13'

clay & sand
loam in
all holes

7/27/81

10/24/78

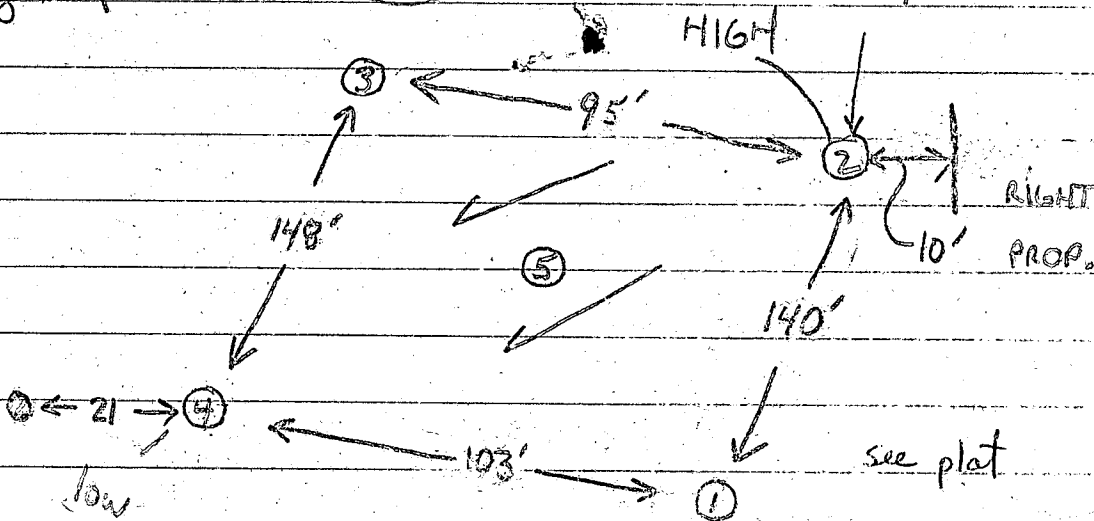
Rejected - soil, dictates drawfields
lot layout illustrates that R/W extends
through perc area (GLK)

LOT 3

R
I
V
E
R

R
O
A
D

CORNER
2 1/3



RT 32

10/24/78	15	2	943 → 946	946 → 953	7 min	
	10	7	943 → 30 sec	943 1/2 → 944 1/2	1 min	?
	10	7' REFILL	946 → 950	950 → 954	4 min	
	25	2	950 → 959	959 → 1021	22	
	20	7	951 → 955	955 → 959	4	
	35	2	956 → 958	958 → 1002	4	
	30	7	956 → 1010	1010 → 1030	20	little or no
	45	2	1005 → 1009	1009 → 1015	16	clay layer
	40	7	1005 → 1010	1010 → 1016	6	clayey sand
	5	VISUAL	8'	SIMILAR MATERIAL		throughout

4 12' WATER AT 10 1/2'

2/15/79 4 LOW 12' WATER AT 5 1/2' (SIDEWALL CAVED-IN AT 4') see plat F-78-192 (GLK) 3 RH

④ → ② ≈ 2' MAX estimate

④ 4.37'

with transit 4' min

② < 0

HOLD WET SEASON ??

Δ > 4.4'

Notify → 442-1077 FRED DICKSON

5/3/79- Vicinity of hole ④ 10' deep

Water seepage wherever

clay ends 5' → 6 1/2'

Aug ~ 6'

Elevation

High to low

④ → ③ 3'

④ → ② 4'

④ → ① 6'

④ → ⑤ 5'

New hole ⑤ out of pore area see plat F-78-192

Water seepage at 9-9 1/2

(11 1/2 deep)

damp silty loam (Guc)

APPLICATION

A 27652

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rdDATE 3/10/78

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

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 John Boteler

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Heritage Farms LOT NO. 3ROAD AND DESCRIPTION Route 32 & River RoadSIZE OF LOT 3.2 acres TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT John Boteler

APPROVED BY _____ FOR _____ DATE _____

(KIND OF SYSTEM)

REJECTED BY T.S. Ogle FOR _____ DATE _____

(KIND OF SYSTEM)

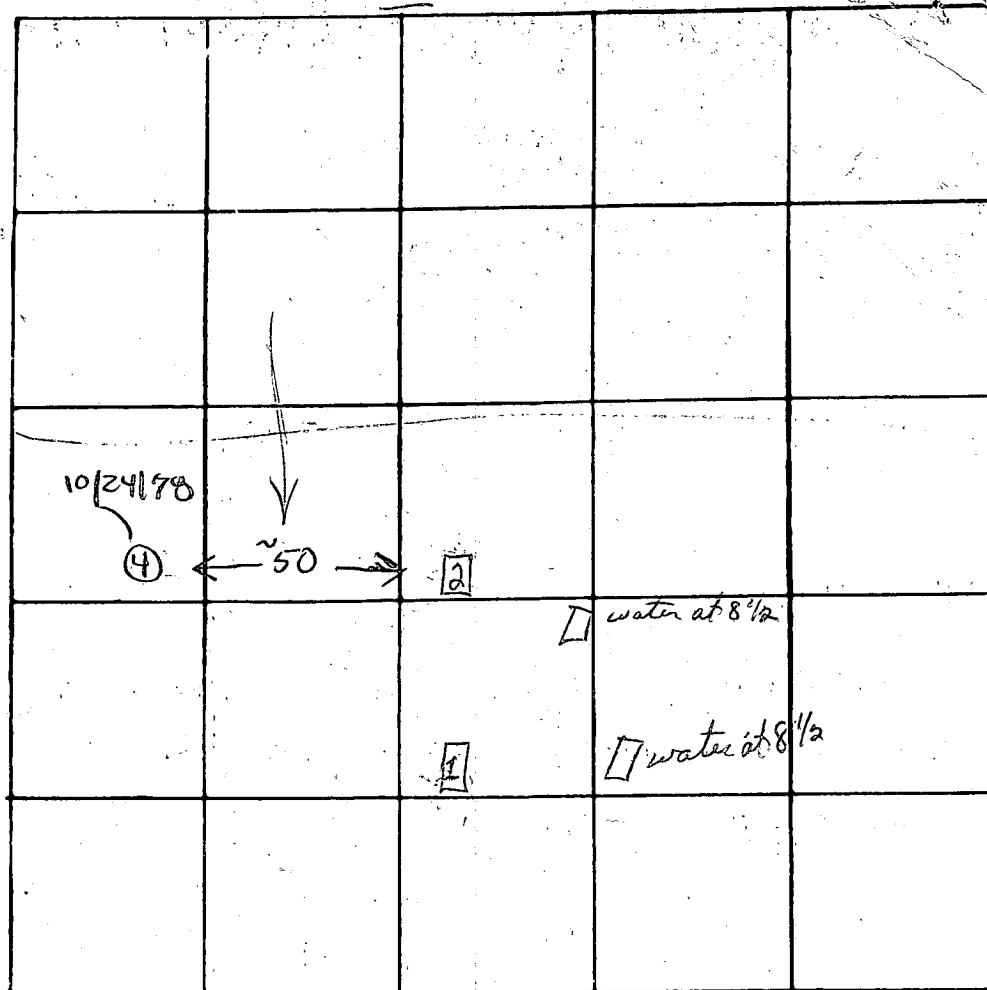
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING High water table & non porous soil

THIS IS NOT A PERMIT

Property forms
natural basin
for surrounding
properties.

Property
lines not
marked



River
Rd.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/27/77	1s	2 1/2	1408	1451	1451	1522	22 min
	1d	7	1415	No movement after 40 min			Fail
	2s	2 1/2	1447	No movement after 35 min			Fail
	2d	7	1442	1458	1458	1520	22

water @
9'

water @ 8 1/2'

All holes

Plastic sandy
clay to 4'

Tan plastic
wet clay on
down (putty)

Fail
over time

Over time

REMARKS

Moving any further uphill would eliminate house site

TYPE OF SOIL

Moving any further uphill would Clay (two types) & water

TESTED BY

J. S. Ogil

ALSO PRESENT:

John Boteler

C1 8319	SEQUENCE NO. (OEP 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 COTS 3-6 ON ALL CARDS)		COUNTY NUMBER A 27652	PERMIT NO. FROM "PERMIT TO DRILL WELL" MO-811-0430
Date Received (OEP use only)	DATE WELL COMPLETED 030884	Depth of Well 215 (TO NEAREST FOOT)	

OWNER Bellastine last name	David first name
STREET OR RFD 9036 A. James County Blvd.	TOWN Ellicott City Md. 21043
SUBDIVISION Horitan Farms	SECTION LOT 3

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 FROM TO	Check if water bearing
Sand	0 74	
Gray granite	74 215	

GROUTING RECORD (Circle Appropriate Box)	
WELL HAS BEEN GROUTED ☒ YES ☐ NO	
TYPE OF GROUTING MATERIAL CEMENT ☒ BENTONITE CLAY ☐ BC	
NO. OF BAGS 11	NO. OF POUNDS 1034
GALLONS OF WATER 66	
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 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	
	Nominal diameter top(main) casing (nearest inch)	Total depth of main casing (nearest foot)
☒ S ☐ T	6	78

EACH CASING	OTHER CASING (if used) diameter depth (feet) inch from to	
	☐	☐

screen type or openhole	SCREEN RECORD	
	☒ ST ☐ BR ☐ HO STEEL BRASS OPEN HOLE	
	☐ PL ☐ OT PLASTIC OTHER	
	(insert appropriate code below)	

EACH SCREEN	DEPTH (nearest ft.)	
	☒ H ☐ O	76 215
	☐	☐
	☐	☐

CIRCLE APPROPRIATE BOX	
☒ 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 10.17.13 "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 IDENT. NO. 238
Joseph L. Mays DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

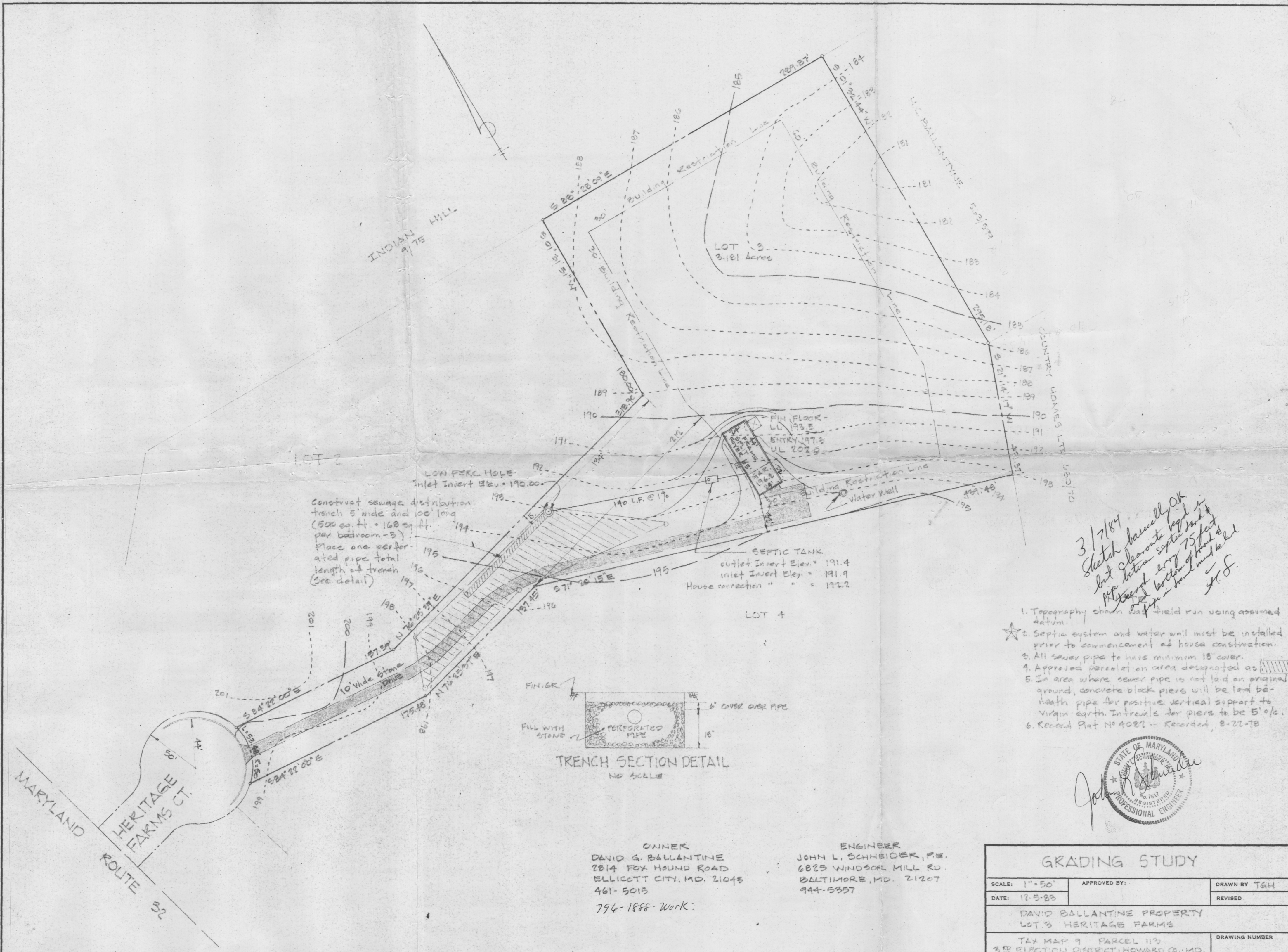
SLOT SIZE 2 3	
DIAMETER OF SCREEN (NEAREST INCH) from 56 to 60	
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL	
FLOWING WELL CIRCLE BOX ☒ F	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T ☐	(E.R.O.S.)
70 ☐	72 ☐
TELESCOPE CASING	LOG INDICATOR
W.Q. 74 75 76 OTHER DATA	

PUMPING TEST		
HOURS PUMPED (nearest hour) 3		
PUMPING RATE (gal. per min. to nearest gal.) 12		
METHOD USED TO MEASURE PUMPING RATE bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING 10	WHEN PUMPING 56	
TYPE OF PUMP USED (for test)		
☒ A air	☐ P piston	☐ T turbine
☐ C centrifugal	☐ R rotary	☐ O other (describe below)
☐ J jet	☒ S submersible	

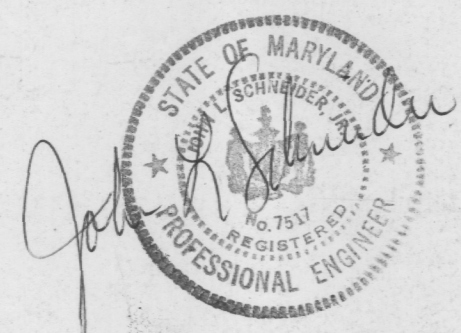
PUMP INSTALLED	
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) ☒ YES ☐ NO	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) ☐	
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31	
PUMP HORSE POWER 27	
PUMP COLUMN LENGTH (nearest ft.) 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)	



3/7/84
 Sketch basically OK
 but check septic system &
 see bottom of lot 3 & 4
 J.S.

1. Topography shown was field run using assumed datum.
2. Septic system and water well must be installed prior to commencement of house construction.
3. All sewer pipe to have minimum 18" cover.
4. Approved permeation area designated as [hatched area].
5. In area where sewer pipe is not laid on original ground, concrete block piers will be laid beneath pipe for positive vertical support to virgin earth. Intervals for piers to be 5' o/c.
6. Record Plat No 4022 - Recorded 8-22-78



OWNER
 DAVID G. BALLANTINE
 2814 FOX HOUND ROAD
 ELLICOTT CITY, MD. 21043
 461-5015
 794-1888-Work:

ENGINEER
 JOHN L. SCHNEIDER, P.E.
 6825 WINDSOR MILL RD.
 BALTIMORE, MD. 21207
 944-5357

GRADING STUDY

SCALE: 1"=50'	APPROVED BY:	DRAWN BY T&H
DATE: 12-5-83		REVISED
DAVID BALLANTINE PROPERTY LOT 3 HERITAGE FARMS		
TAX MAP 9 PARCEL 113 3RD ELECTION DISTRICT, HOWARD CO., MD.		DRAWING NUMBER

INDIAN HILL
9/75

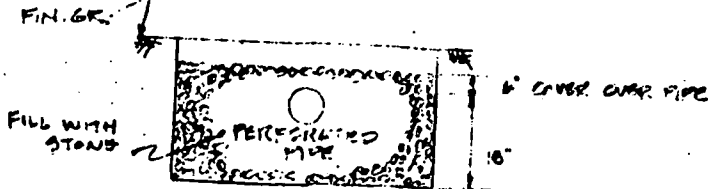
LOT 2

LOW PRC HOLE
Inlet Invert Elev. = 190.00

Construct sewage distribution
trench 5' wide and 100' long
(500 sq. ft. = 168 sq. ft.
per bedroom - 3)
Place one perfor-
ated pipe total
length of trench
(see detail)

SEPTIC TANK
outlet Invert Elev. = 171.4
inlet Invert Elev. = 171.9
House connection " " = 172.2

LOT 4



TRENCH SECTION DETAIL

- NOTE
1. Topography shown as datum.
 2. Septic system approved prior to construction.
 3. All sewer pipe to be approved percol.
 4. In area where ground, concrete, or other pipe is in place, use virgin earth. In other areas, use approved fill.
 5. Record Plat No. 4000.