

APP 12/22/78

12/22/78

PERMIT

P 28684
A 25889

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

03-303 004

ELLICOTT CITY

DISTRICT 3rd

DATE 8/15/78

INDEXED

Liberty Backhoe Service, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

SUBDIVISION Eagles Loft ROAD 3429 Huntsman's Run LOT 14

PROPERTY OWNER Herbert L. Hoffman

ADDRESS 10972 Swansfield Road, Columbia, Md. 21044 Phone: 730-0096

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 300 SQ. FT. total sidewall area in dry well.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE

LOCATE DISPOSAL AREA 20 or 30 FT. FROM right LOT LINE AND 145 FT. FROM front LOT LINE AS SEEN WHEN

FACING LOT FROM road.

Trench to be 50 ft. long for a total sidewall area of 280 sq. ft. Inlet at 3 1/4 ft, below original grade and maximum depth 9 ft. below original grade. Trench to come off left side of dry well and run towards left lot line. Follow contour to keep trench level.

PLANS APPROVED BY William W. Zepp & Charles B. Streaker DATE 6/6/77

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

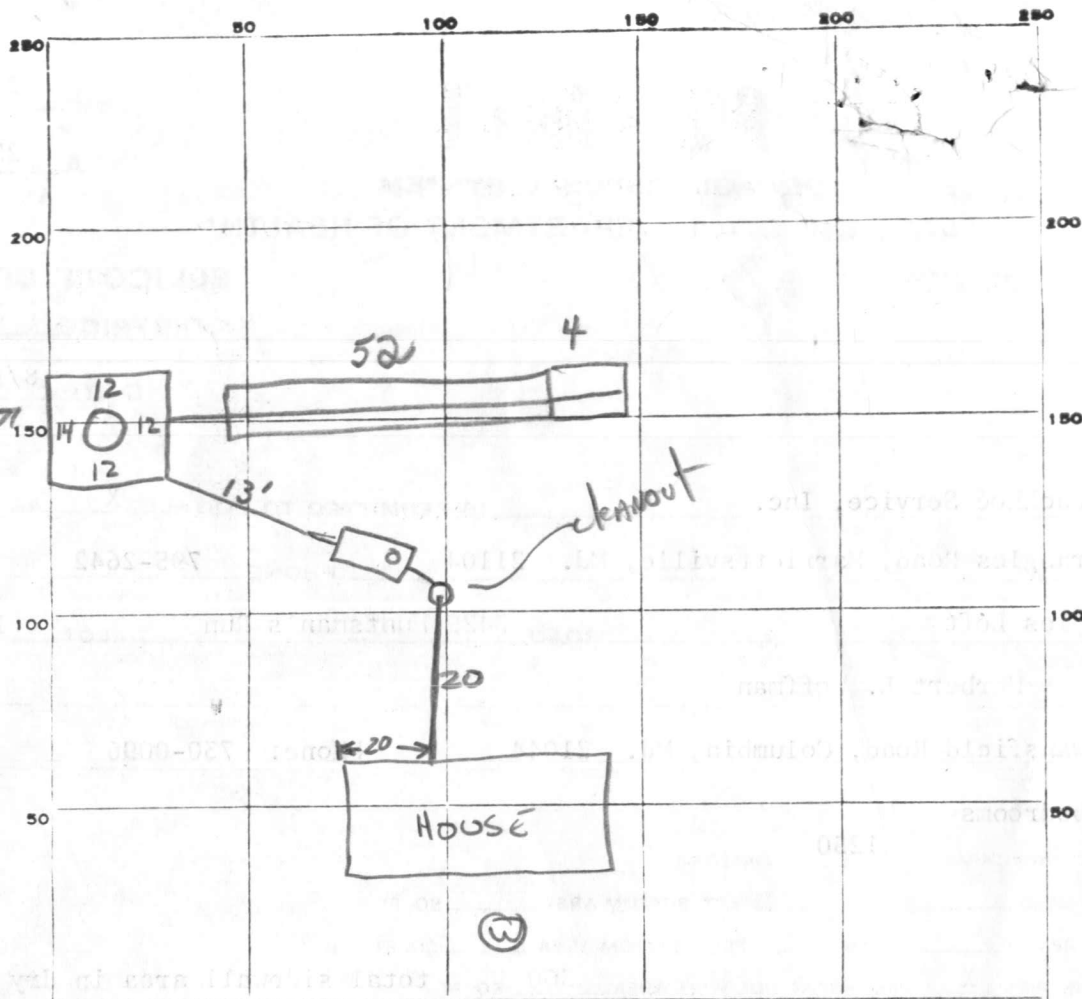
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

BLDG. PERMIT SIGNED AND RETURNED 4/14/80
Serial # 42850
Pool permit

A 25889

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



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

HUNTSMAN RUN

PERMIT CARD contractor present

SEPTIC TANK, LEVEL 1250

CLEANOUTS ST | DW

DISTRIBUTION BOX, LEVEL Na

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 X TOTAL LENGTH 52+4 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 336

SEEPAGE PITS, INSIDE DIAMETER 50 FT. DEPTH BELOW INLET 25' FT.

ABSORBENT AREA ±586 SQ. FT.

± 312 + 24 56
4
224
250
474

REMARKS 21 Dec 78 - Short on area - extended trench while on inspection.

Call for final when gravel is added to trench & drywell, cleanouts installed, & when work on house sewer complete. (GLK)

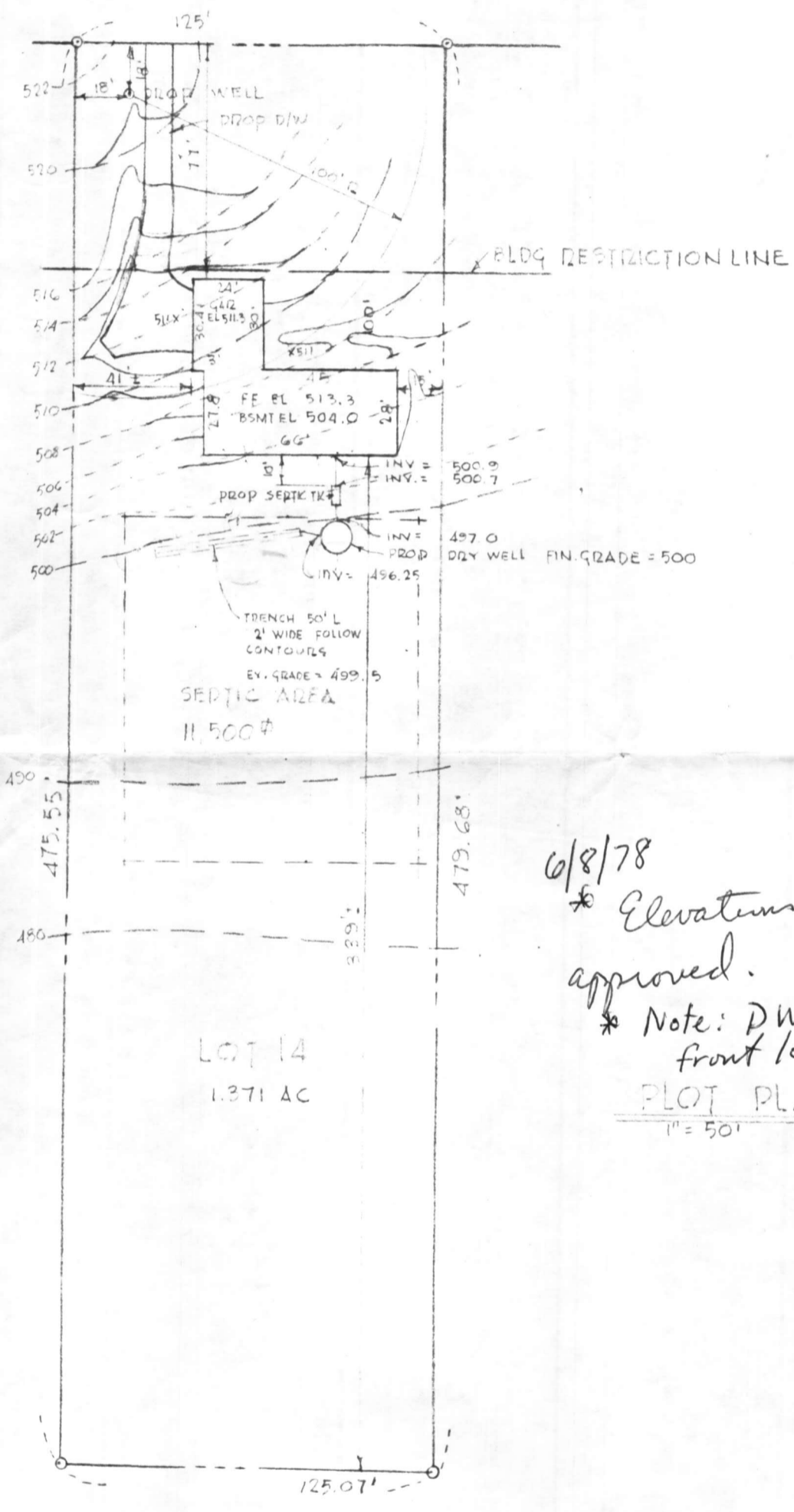
12/22/78 - 9:45 work not done, JS 12/22/78 - 12:00 OK to cover work

DATE SYSTEM APPROVED 12/22/78

INSPECTOR J. Stayer

I CERTIFY THE MEASUREMENTS & ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY

HUNTSMANS RUN (50' R/W)



6/8/78
 * Elevations and locations approved. WWZ,
 * Note: DW 150' away fr front lot line
PLOT PLAN
 1" = 50'

NOTE: PERMISSION GRANTED BY BILL ZEPD 6/1/78 FOR SEPTIC RELOCATION



35560

~ PROPERTY OF ~
 MR & MRS HERBERT HOFFMAN
 LOT 14 EAGLES LOFT
 3rd ELECT DISTRICT, HOWARD CO. MD

RECEIVED

JUN 8 9 05 AM '78

HOWARD COUNTY
HEALTH DEPT.
ELLICOTT CITY, MD.

APPLICATION

A 18303

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 3rd

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 4/18/73

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 Adelphia Developers

ADDRESS 6931 Donachie Road, Balto., Md. 21239 PHONE Purdum & Jeschke
465-1635

PROPERTY LOCATION:

SUBDIVISION Adelphia LOT NO. 14

ROAD AND DESCRIPTION Unnamed road

SIZE OF LOT 41,000 sq. ft. TYPE BLDG. 3 or 4 bedrooms
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 /s/ Purdum & Jeschke

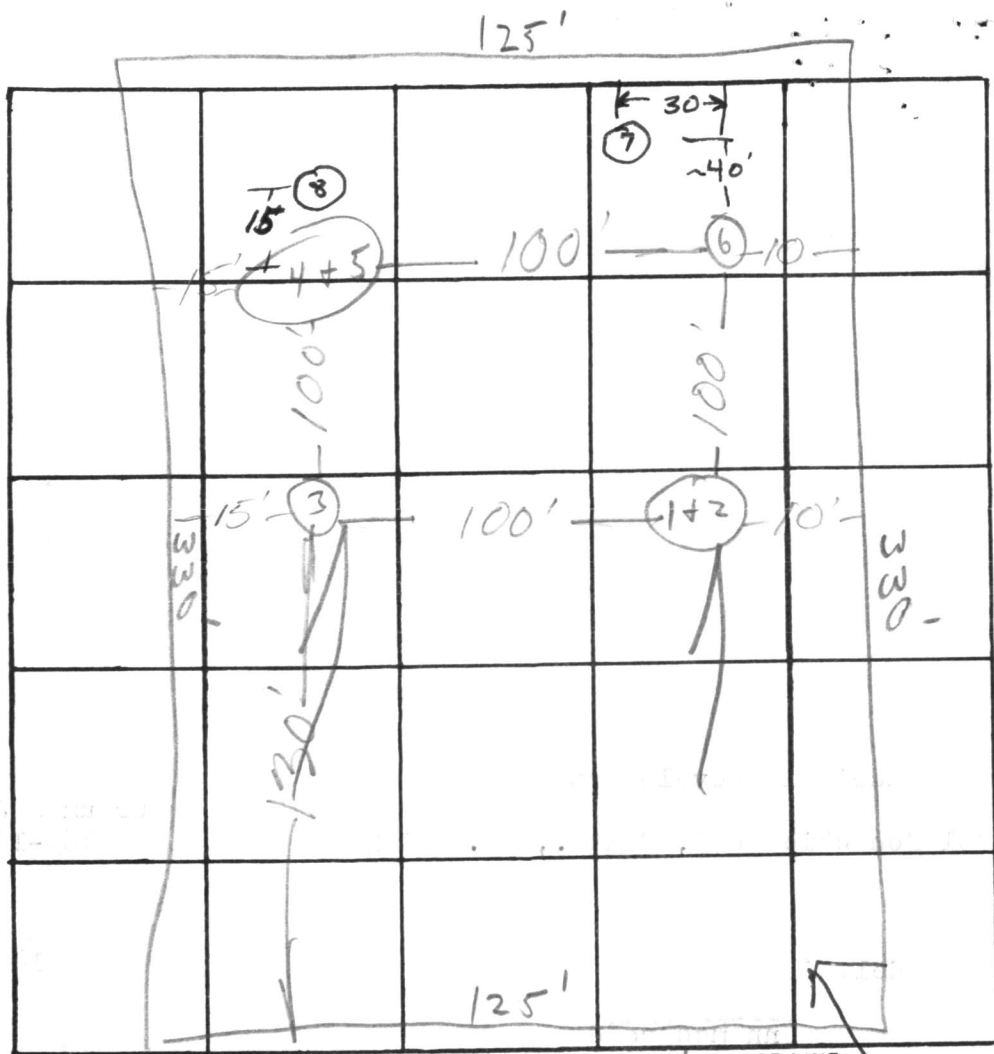
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Unnamed Rd Lot #14

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/24/73	1	3'	10:28	10:34	10:34	10:40	6 min	
	2	10 1/2'	10:29	10:33	10:33	10:41	8 min	
	3	Visual hole	similar to 1+2					
	4	3'	10:42	10:44	10:44	10:48	4 min	
	5	10' + D	10:42	10:49	10:49	10:58	9 min	
	6	9' Visual hole	similar to 4 & 5					
							4:27 PM Inlet	
							3'	

REMARKS

Maximum 11' Hold certification

TYPE OF SOIL

Sandy + Mess

Holes Certified G.R.S. as 2

APPLICATION

A 25889

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

DATE 5-16-77

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

*OK to move system 25' back
fr. orig specs*

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 Herbert & Theresa Hoffman

ADDRESS 10972 Swansfield Road Columbia 21044 PHONE 730-0096

PROPERTY LOCATION:

SUBDIVISION Eagles Loft LOT NO. 14

ROAD AND DESCRIPTION Huntsman's Run

SIZE OF LOT 59,702 sq. ft. (1.371 acre) 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 James S. Newburn 218 Teachers Bldg Columbia, 21044

APPROVED BY William A. Zapp, CBS FOR DW & Treatment DATE 6/6/77
(KIND OF SYSTEM) 995-022

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 6/13/78
serial # 35560

THIS IS NOT A PERMIT

see orig sheet
for locations

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2/77	7	4 1/2	2:47	2:52	2:52	3:05	12
	7-A	12 1/2	2:47	3:00	3:00	3:30	30
	8	4 1/2	2:55	2:59	2:59	3:04	5
	8-A	12 1/2	2:55	3:00	3:00	3:17	17

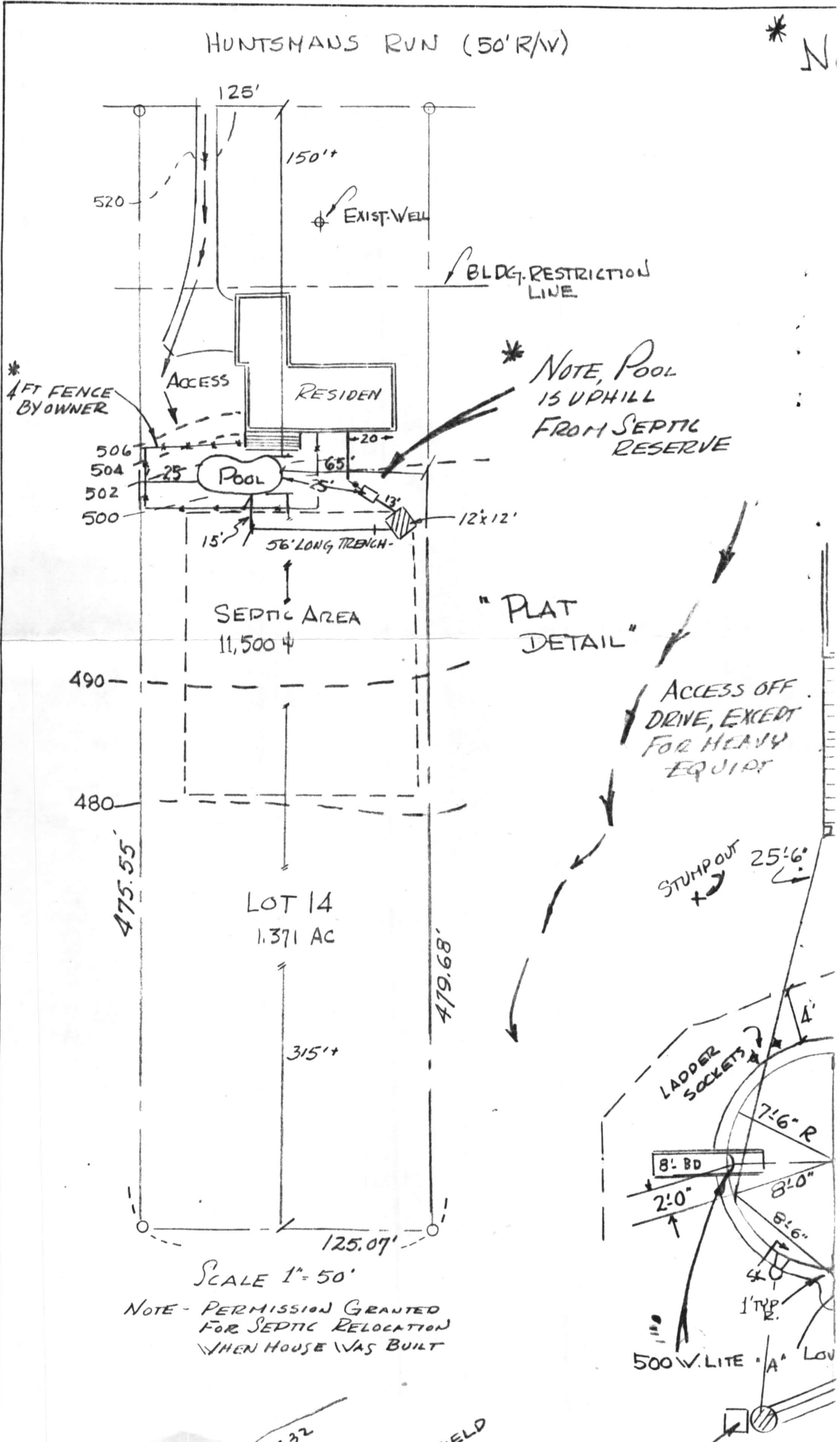
REMARKS Steep slope 6 → 7, ~20%

TYPE OF SOIL Sandy mica

TESTED BY WWB ALSO PRESENT: _____

H. HOFFMAN POOL SITE

REVISED DETAIL PER MR. MONAGHAN



HUNTSMAUS RUN (50' R/W)

* N

125'

150'±

EXIST. WELL

BLDG. RESTRICTION LINE

* 4 FT FENCE BY OWNER

ACCESS

RESIDEN

* NOTE, POOL IS UPHILL FROM SEPTIC RESERVE

506
504
502
500

POOL

56' LONG TRENCH

"PLAT DETAIL"

SEPTIC AREA
11,500 ±

ACCESS OFF DRIVE, EXCEPT FOR HEAVY EQUIP

490

480

475.55'

LOT 14
1.371 AC

STUMP OUT 25'-6"

479.68'

315'±

LADDER SOCKETS

7'-6" R

8' BD

2'-0"

8'-0"

8'-6"

4"

1" TP

500 W. LITE 'A' LOW

SCALE 1" = 50'

NOTE - PERMISSION GRANTED FOR SEPTIC RELOCATION WHEN HOUSE WAS BUILT

32

FIELD

C 1 1593 (SEQ. NO.)

1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED May 23, 1978

05 1373

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER W27975

DEPTH OF WELL 402

PERMIT NO. FROM "PERMIT TO DRILL WELL" 70-17-2100

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 296

OWNER Hoffman LAST NAME Herbert L. FIRST NAME

STREET OR RFD 10972 Swansfield Road POST OFFICE Columbia, Maryland 21044

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Dirt	0	1	
Brown Mica	1	47	X
Brown Mica	47	58	X
Hard Blue Mica	58	66	X
Brown Mica	66	70	X
Blue Mica	70	162	
Brown Mica	162	165	X
Blue Mica, Seamy	165	219	
Opening	219	220	X
Blue Mica, Seamy	220	402	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT BENTONITE CLAY

NO. OF BAGS 24 NO. OF POUNDS 2,256

GALLONS OF WATER 144

DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 63 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 65

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

SCREEN

DEPTH (NEAREST WHOLE FOOT) FROM 63 TO 402

EACH SCREEN	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO
1	8	9	11	15
2				
3	23	24	26	30
	38	39	41	45
			47	51

SLOT SIZE 1, 2, 3,

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX)

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2 1/2

METHOD USED TO MEASURE PUMPING RATE Flowmeter

WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 70 (NEAREST FOOT) WHEN PUMPING 220 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR PISTON TURBINE

CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)

JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE BELOW LAND SURFACE 2 (NEAREST FOOT)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

Handwritten notes and diagrams on this page.

CIRCLE APPROPRIATE BOXES

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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME Ronald L. Kyker

(PLEASE PRINT) SIGNATURE Ronald L. Kyker

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

MAY 27 3 32 AM '78

DIVISION OF
ENVIRONMENTAL
HEALTH