

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

30884 P 42317
21574 A REPAIR

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DISTRICT _____
DATE 8/9/88

DATE SYSTEM APPROVED 6/27/88
INSPECTOR (Poa)

INDEXED

Jack Fyock IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS _____ PHONE 988-9270

SUBDIVISION MHP 40 Q8 P.378? ROAD 7165 Deer Valley Road LOT _____
P. 5A

PROPERTY OWNER Hankins Norman / Steve Yahr
7165 Deer Valley Road

ADDRESS _____

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

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND REPAIR.

Brown orange clay 45'; orange tan; tan grey mostly
silty nice loam

PLANS APPROVED BY Craig Williams DATE 6/24/88

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.

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

**BLDG. PERMIT SIGNED
AND RETURNED 4-2-98**
Serial # 4610110370

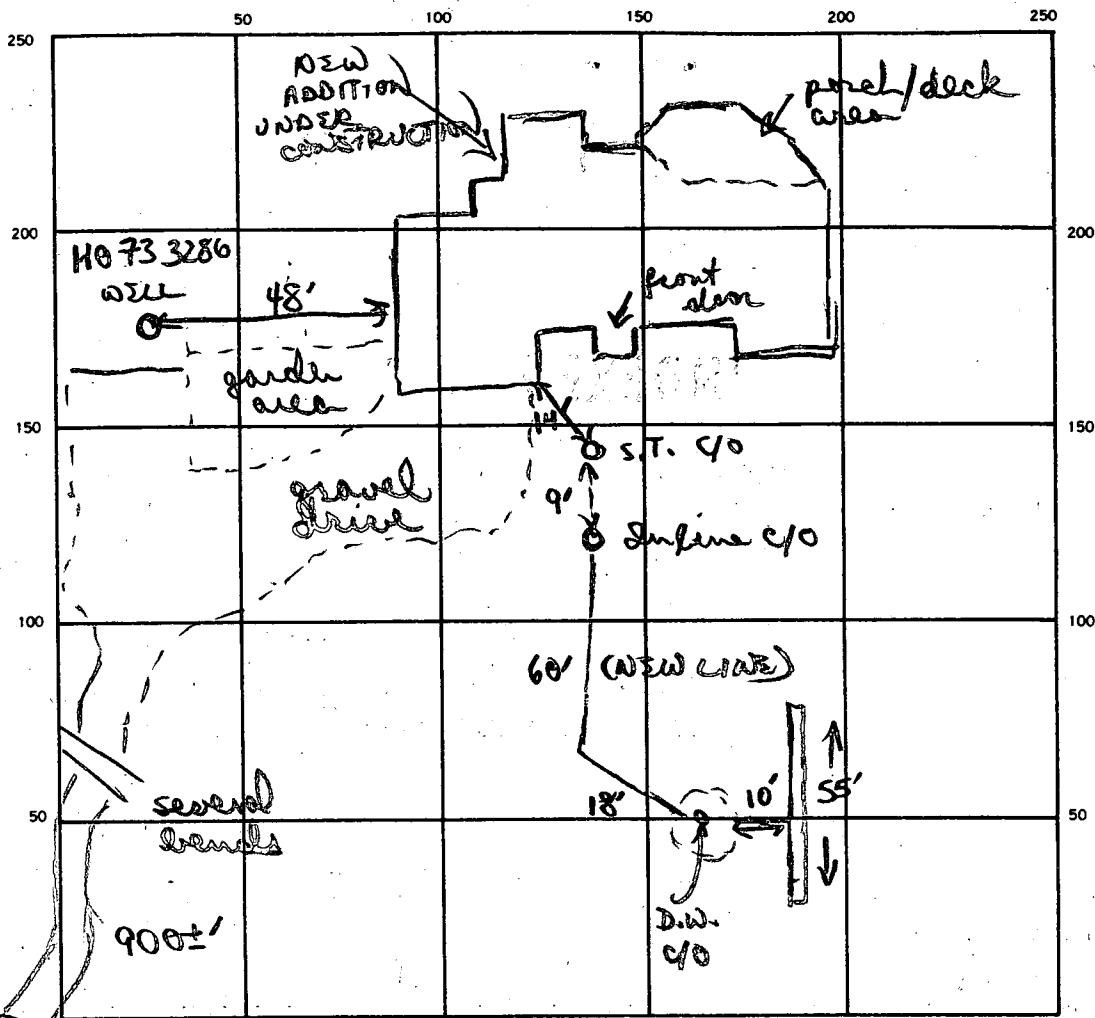
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

*6/27/88
11 AM*

042317

gates



deer valley rd
Existing 1000

SEPTIC TANK LEVEL 1000
DISTRIBUTION BOX LEVEL N/A

CLEANOUTS Installed in line C/O
New D/W C/O existing S.T. C/O

DRAIN FIELD/TILE FIELD DEPTH 11 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 7' FT. TOTAL LENGTH 55 FT.

NUMBER OF TRENCHES 1 (11") ONE SIDEWALL/BOTTOM AREA 385 SQ. FT.

DRYWELL INSIDE DIAMETER ≈ 8' ring FT. EFFECTIVE DEPTH BELOW INLET ≈ 8' (11' total depth 3' inlet) FT.

ABSORBENT AREA 385 SQ. FT.

REMARKS 6/27/88 OK to go 4-11' (ground elevation high not too far from fairly quick drop off). New trench off existing dry well. OK to finish adding stone pipe paper to trench OR to cover trench & all work

DATE SYSTEM APPROVED 6/27/88 INSPECTOR B Nifer

8/17/79
P.M.

app. 130180
30084
A 21574

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 8/9/79

Robert L. Orndorff IS PERMITTED TO INSTALL ALTER

ADDRESS 13938 Highland Rd., Clarksville, Md. 21029 PHONE 596-9394

SUBDIVISION ROAD 7165 Deer Valley Road LOT Parcel 5 A

PROPERTY OWNER Norman Hankin

ADDRESS 11261 B. Slalom Lane, Columbia, Md. 21044

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

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

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

Dry Well SEEPAGE PITS ABSORBENT SIDE-WALL AREA 130 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 5 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

Location of dry well 140 feet from front property line (line 223.44 feet S41° 23'08"E) and 125 feet in from left property line when facing lot with front property line as designated. *Dry Well or (dry Well & Trench) If trench used - need 2 inspections. Between Dry Well & Trench 5 foot of buffer needed. Inspection needed - 1st. before gravel is installed 2nd. after gravel is installed.

PLANS APPROVED BY C. B. Streaker DATE 11/5/76

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.

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

REG. PERMIT SIGNED
AND RETURNED 4/21/88
1 Stacy addleton
Level # 17758

A 21574

APPLICATION

A 21574

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

DISTRICT 5th

DATE 5/29/75

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 Mildred E. Hallowell

ADDRESS Highland, Md. 20777 PHONE 286-2988

PROPERTY LOCATION: Highland, Md. - Tax Map 40, Parcel 379

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION End of Deer Valley Rd, straight ahead to end of private road.

SIZE OF LOT Parcel 5a - 5.000 ac. 670/321 TYPE BLDG. res. 4 bedrms.
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 Richard Hallowell
Richard Hallowell

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

Deer Valley Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/18/75	1	5'	10:47	10:50	10:50	10:55	5 in	
Use	(K) 2	12'	10:47	10:50	10:50	11:00	10 in	
with	(A) 3	4 1/2'	10:22	10:23	10:23	10:26	3 in	
L	(L) 4	12'	10:22	10:24	10:24	10:28	4 in	
	5	4 1/2'	10:30	10:32	10:32	10:44	12 in	
	(L) 6	12 1/2'	10:30	10:33	10:33	10:38	5 min	
	(R) 7	11 1/2'	(Visual similar to others)					
						6:39	7 min	

REMARKS

Sandy loam with some mica below

TYPE OF SOIL

(Catch holes) Wooded hole clay

Tested by C.B. Stecker Also present Fgock's man & Hall

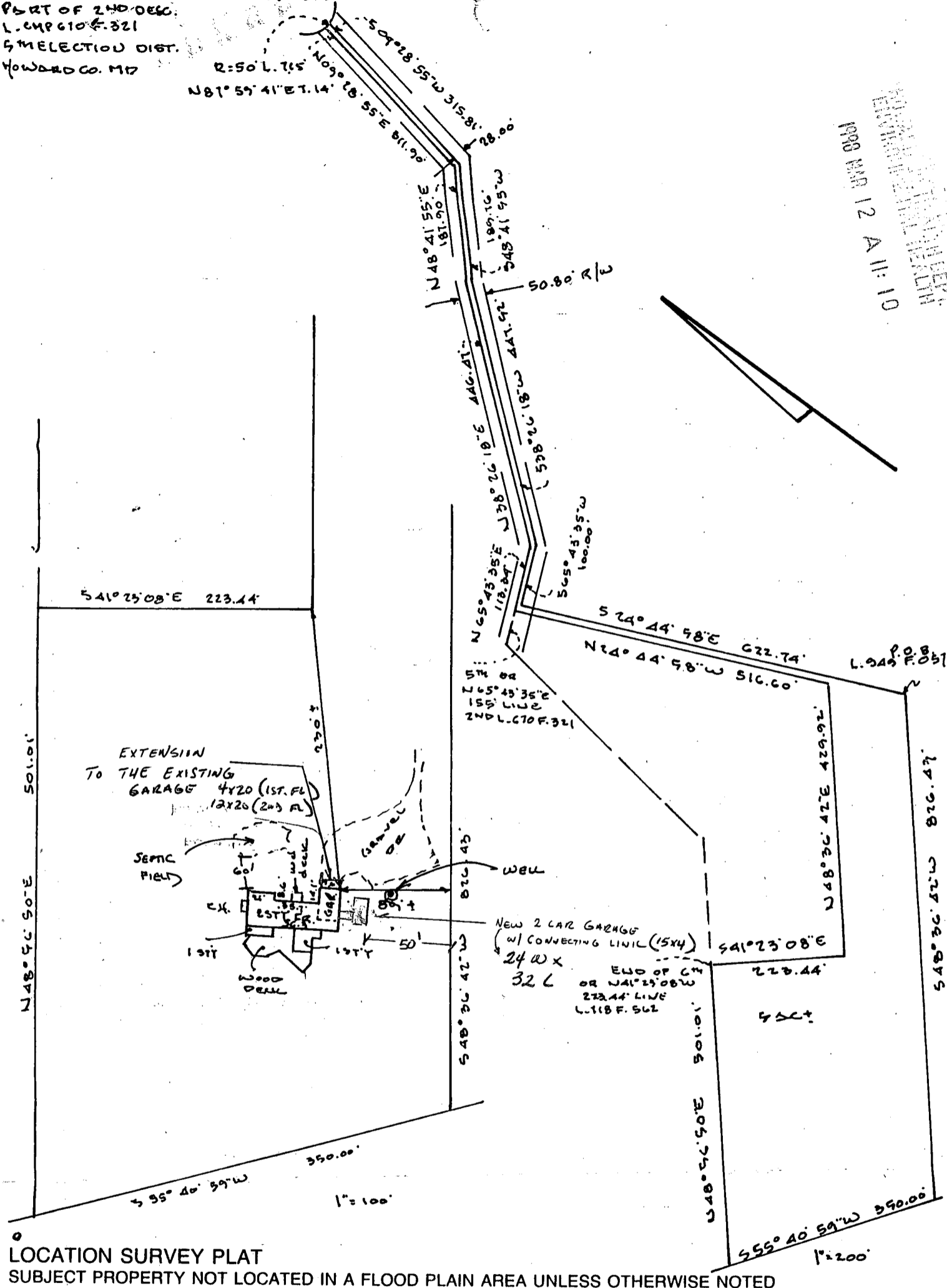
Property known as:

L. 949 F. 057
PART OF 2ND DECV.
L. 448 G. 10 F. 321
5 MELECTION DIST.
HOWARD CO. MD

DEER VALLEY ROAD

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

RECORDED
1998 MAR 12 A 11:10



LOCATION SURVEY PLAT
SUBJECT PROPERTY NOT LOCATED IN A FLOOD PLAIN AREA UNLESS OTHERWISE NOTED

CERTIFICATION

This is to certify that I have surveyed the property known as: TIGS
DEER VALLEY ROAD

for the purpose of locating the improvements thereon, and the improvements are located as shown.

SEAL



Walter Park

SCALE

DATE 1-6-1998

LDE Inc.

9250 Rumsey Road Suite 106
Columbia, Maryland 21045

(Balt.) 410-715-1070
(Wash.) 301-596-3424
(FAX) 410-715-9540

B 1 1217 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER: HO 20386
 FILL IN THIS FORM COMPLETELY

B-13

DATE RECEIVED (WRA USE ONLY): 4/20/79
9.30

OWNER: Harkin Construction Company
 COL 18 LAST NAME FIRST NAME COL 34

STREET OR RFD: P.O. Box #269
 COL 36 COL 55

POST OFFICE: Ellicott City, Maryland 21043
 COL 57 COL 76

B 1 CONTINUED **DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6

DATE: May 14, 1979 LICENSE NUMBER: 296
 COL 77 COL 80

FIRST NAME: Ronald DRILLER: Lee LAST NAME: Kyker

SIGNATURE: Ronald Lee Kyker

B 3 **LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6

COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) COL 21

SUBDIVISION: Richard Hallowell property
Parcel SA COL 42

SECTION: 44 LOT: 48 COL 50

NEAREST TOWN: Highland COL 71

MILES FROM TOWN (ENTER 0 IF IN TOWN): 7.5 COL 76 77 78

B 2 **WELL INFORMATION**

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5 COL 8

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 550 COL 14 20

B 4 **DIRECTION FROM TOWN**
 (CIRCLE APPROPRIATE BOX)

N NORTH E EAST NE NORTHEAST SE SOUTHEAST
 S SOUTH W WEST NW NORTHWEST SW SOUTHWEST

NEAR WHAT ROAD: Deer Valley Road

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N S E W COL 30

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 34 COL 37 38 39

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING, AGRICULTURE, IRRIGATION

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

M MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL

P PRIVATE WATER COMPANY }

T TEST

APPROXIMATE DEPTH OF WELL: 300' FEET COL 24 28

APPROXIMATE DIAMETER OF WELL: 6" (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN

80-87 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE):

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

D THIS WELL WILL DEEPEM AN EXISTING WELL. PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE):

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER: 84 ENGINEER REVIEW DISTRICT NO.: 63

FORCE: 67 WRITE INITIALS IN BOX: AK CONDITIONS: 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED **HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6

41 STATE HEALTH (CIRCLE BOX) COUNTY NAME: Howard COUNTY NO.: 121574

DATE: 052179 APPROVED BY: Donald J. Monaghan, Sanitarian

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

Sketch area with handwritten notes:
 Think Hallowell Rd
 Deer Valley Rd
 54 - CASING
 2' ABOVE GR
 48 - OPEN HOLE
 13 - BAGS CEMENT
 Dist Rd 8/20/79

BOX NUMBER: 800 (E) 800 (N)

NORTH COORDINATE: 50 51 52 53 54 55

EAST COORDINATE: 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET): 65 66 67 68

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

C 1 8454
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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
 WELL-COMPLETION REPORT
 COUNTY NUMBER 21574
 NUMBER

DATE RECEIVED (WRA USE ONLY) June 20 1979
 DATE WELL COMPLETED 06 20 1979
 DEPTH OF WELL 22 (TO NEAREST FOOT) 26
 PERMIT NO. FROM "PERMIT TO DRILL WELL" H-1-774-9280
 28 29 30 31 32 33 34 35 36 37
 DRILLERS IDENTIFICATION NO. 256

OWNER Hankin Construction Company
 LAST NAME P. O. Box #269
 STREET OR RFD
 POST OFFICE Ellicott City, Md. 21043
 FIRST NAME

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	10	
Soft Brown Mica	10	51	
Blue Mica	51	57	
Brown Mica	57	58	X
Blue Mica	58	430	
Flint	430	431	X
Blue Mica	431	516	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT BENTONITE CLAY

NO. OF BAGS 13 NO. OF POUNDS 1,222

GALLONS OF WATER 78

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 52 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE S T 6 54
 (60 61 63 64 66 70)

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM 54 TO 516

SCREEN

DIAMETER OF SCREEN 56 (NEAREST INCH)
 FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) 68 F

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

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

METHOD USED TO MEASURE PUMPING RATE Flowmeter

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 57 (NEAREST FOOT)
 (17 20)

WHEN PUMPING 430 (NEAREST FOOT)
 (22 25)

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)

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)
 (49 50 51)

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).

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 Dana Kyker, Driller

(PLEASE PRINT) SIGNATURE Dana Kyker

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

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

Handwritten notes: "Depth Hollow Rd.", "Dana Kyker, Driller", "21574"