3/25/97 AM +
3/31/97 WPI AM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 58026D

A 48825

DISTRICT 3rd

DATE 3/14/97

DATE SYSTEM APPROVED 3-25-97

INSPECTOR KM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXX XXX-XXXX~~ 313-2640

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER ____

ADDRESS 558 Obrecht Road Sykesville, Maryland 21784 PHONE 795-5674

SUBDIVISION Quarterfield LOT 9 ROAD 3709 Running Springs Road

PROPERTY OWNER John & Susan Heinz

ADDRESS ____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 7½ feet below original grade. Effective area begins at 3½ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 150 feet down the left lot line and 90 feet off this same lot line. Run trenches on contour towards rear lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8' diameter cleanout and cap to grade or above on septic tank. OK 9/17/96 DKS

PLANS APROVED BY Mark Rifkin/Glen Savage REVISED DATE 09/17/96

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

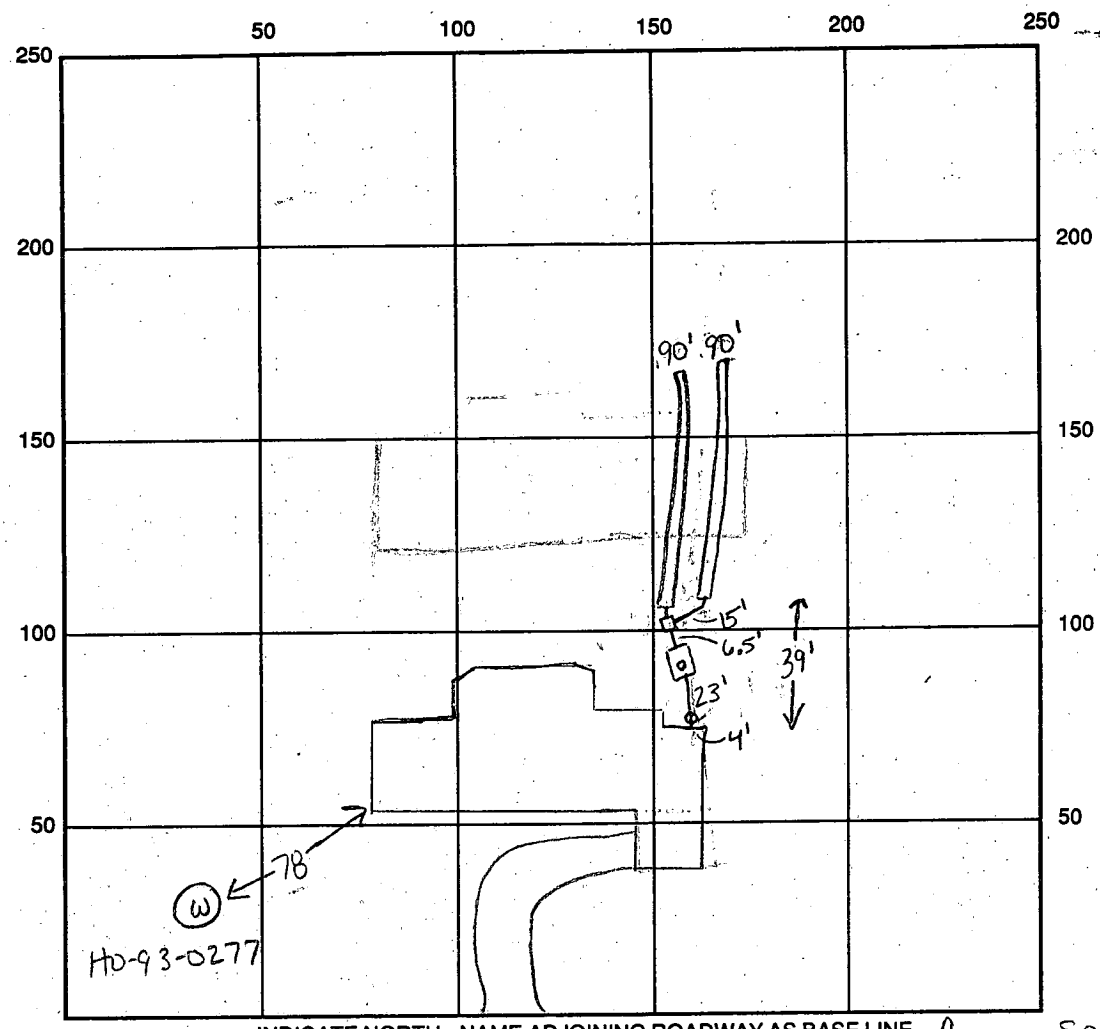
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**
***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

HD-260(6-90)

A 48825



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Running Spring Rd.

SEPTIC TANK LEVEL ok, 1250 gallons CLEANOUTS lon tank, lat house

DISTRIBUTION BOX LEVEL ok, baffle in

DRAIN FIELD/TITLE DEPTH 7½ FT. TRENCH WIDTH 2 FT. INLET DEPTH 3½ FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 2×90 FT. → 180

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER / FT. EFFECTIVE DEPTH BELOW INLET / FT.

ABSORBENT AREA / SQ. FT.

REMARKS: 3-25-97 house connection made, ok to continue KM

3-25-97 (pm) ok to cover all work (spoke with contractor about leaving trenches open for inspection on deep system installation) KM

3-31-97 WPI ok to cover well line P.A. 4.5' below original grade, casing 1' above grade needs new 2 piece watertight cap (one on now is cracked) KM

DATE SYSTEM APPROVED 3-25-97 INSPECTOR Kimberly Maiste

APPLICATION

PERCOLATION TESTING

A 4882 5

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 1/7/93

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 ~~Joseph M. Zoller, III~~ John & Susan Heinz
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.

ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 8 / 9
(3709 Running Spring Road)

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road intersection.

TAX MAP 23 PARCEL # 8,82 & 101

BLDG. PERMIT SIGNED AND RETURNED 9/17/96
Lead # 600102163

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family - 4 Bdrm
(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.

SDC Group Inc.
By: _____ V.P.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING HOLD FOR PLAT - PERC OK MR 7/26/93

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

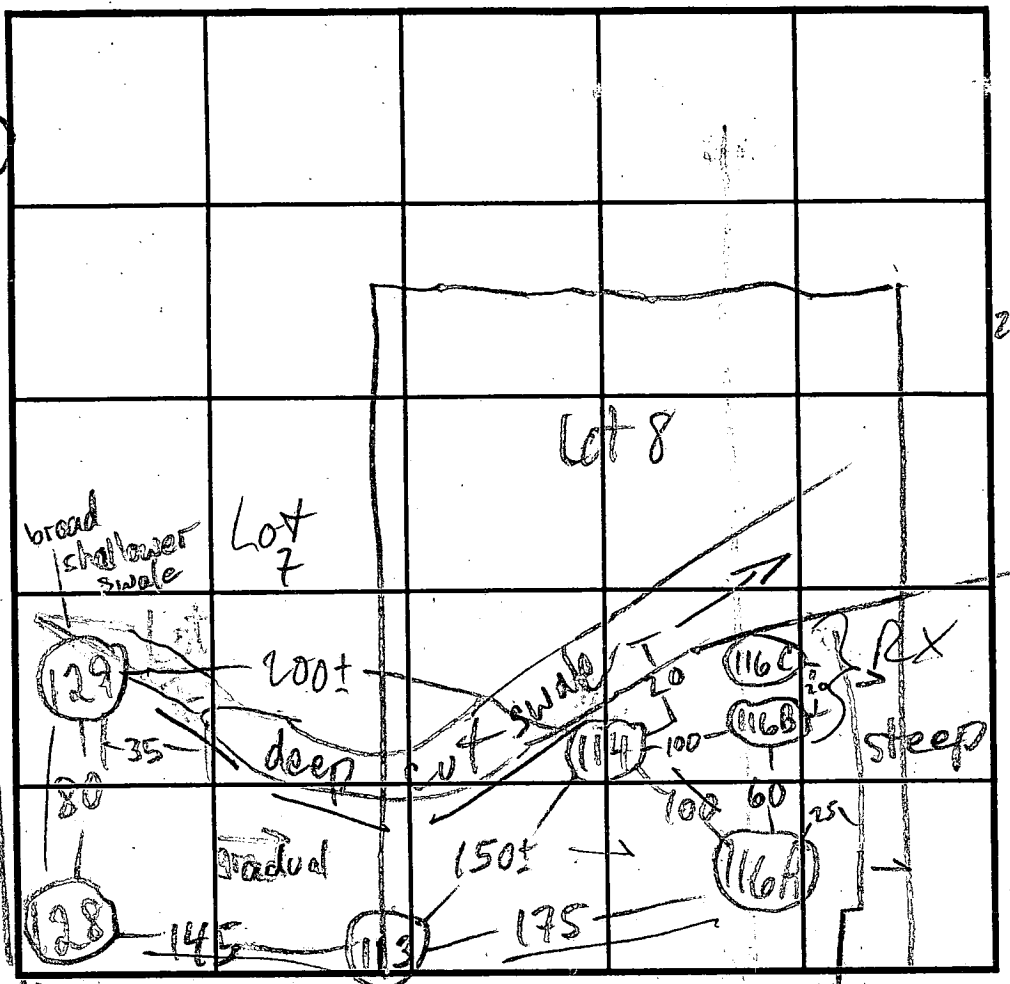
THIS IS NOT A PERMIT

HD-216 (3/92)

A 48824
COUNTY #

Lot 8

SOIL PROFILE
0'
(128) (129) (113) (116A)
brn red sa cl lm
3½
brn gray sa mica lm 10%-15% saprolite frags
13½
(114)
brn tan sa cl lm
2½
lt org yel beige tan red sa lm 5-10% frags
12½
(116B)
brn red sa cl lm
2
brn tan sa lm
5½
red sa lm 30% frags
7½
REFUSAL



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SOIL PROFILE
0'
(116C)
org brn sa cl lm 25% frags
2½
brn sa lm 50%+ frags
7
REFUSAL

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2/17/93	128 S	4½	10:30:00	10:33:00	10:33:00	10:36:00	3 min
	128 M	8	10:28:30	10:30:30	10:30:30	10:33:00	2½ min
	128 V	13½	see profile	pink	strata	3½ - 5'	
	129 S	5	10:44:15	10:49:30	10:49:30	10:52:30	3 min
	129 M	8	10:44:30	10:47:30	10:47:30	10:53:30	6 min
	129 V	13	see profile				
	113 S	4	10:57:45	11:00:00	11:00:00	11:06:30	6+ min
	113 M	8½	10:58:45	11:02:30	11:02	11:12	10 min
	113 V	13	see profile				
	114 S	5	11:10:00	11:11:30	11:11:30	11:14:30	3 min
	114 M	8½	11:14:30	11:16:15	11:16:15	11:18:45	2½ min
	114 V	12½	see profile				
	116A S	4½	11:17:45	11:21:00	11:21	11:25	4
	116A M	9	11:23:15	11:25:45	11:25:45	11:29:45	4
	116A V	13	see profile				
	116B V	7½	REFUSAL - FAIL				
	116C	7	REFUSAL - FAIL				

REMARKS USE (128)-(129)-(113)-(114)-(116A)

TYPE OF SOIL

TESTED BY M. Rifkin ALSO PRESENT C. Sperry, Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 min TRENCH WIDTH 2

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 8 SQ. FT/BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 48825

P _____

DISTRICT _____

DATE _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

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 Joseph M. Zoller, III
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.

ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 9

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road intersection.

TAX MAP 23 PARCEL # 8, 82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family
(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. SDC Group, Inc. By: _____ VP.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

HD-216 (3/92)

COUNTY #

SOIL PROFILE

0'

brn red sa cl lm 10% frags

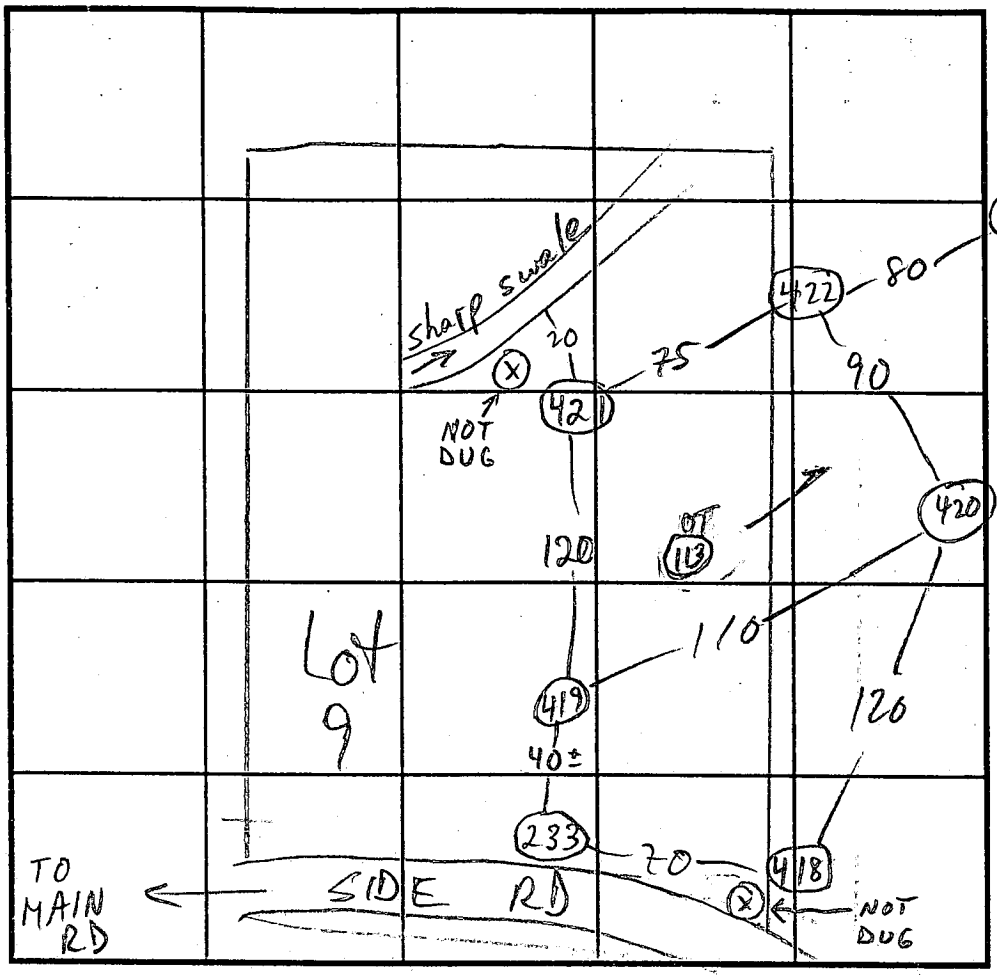
2-3

tan w/ wh. flecks sand & sa mica loam 10% frags

12±

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7/21/94	233	4'8"	8:24:15 8:30:15	—	—	8:29:55 8:31:05	FAST FAST
	233	4'8"	8:31:25 8:33:00	8:31:55 8:33:20	8:31:55 8:33:20	8:32:20 8:33:50	25 sec 30 sec
	233?	12					
	419?	12	sim	to 233			
	421	4'3"	8:49:35 9:16:45	9:18:45	9:18 LOST	9:22 TIME	4
	421	12					
	422	4	9:25:15 9:26:10	9:25:40 9:27:00	9:25:40 9:27:00	9:26:00 9:27:45	20 sec 45 sec
	422	4 12'8"	9:28:15	9:29:00	9:29:00	9:30:00	1 min
	420	4 11'3"	9:34:20	9:34:45	9:34:45	9:38	4 min
	418	4'	9:54:15 9:55:15	9:54:30 9:56:00	9:54:30 9:56:00	9:55 9:57	30 sec 1 min
	418	12					

REMARKS

TYPE OF SOIL USE 420-116-422-113-116A

TESTED BY M. Rifkin ALSO PRESENT Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 TRENCH WIDTH 2

INLET DEPTH 3½ MAXIMUM BOTTOM DEPTH 7½ SQ. FT/BEDROOM 180

C 1 | 0249 | SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 Allc 48825

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED: 07 26 96

Depth of Well: 280 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-93-0277

OWNER Thompson (last name) Dale (first name)

STREET OR RFD Running Spring Rd TOWN W. Friendship

SUBDIVISION QUARTERFIELD SECTION LOT 9

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	FEET TO	check if water bearing
Sand	0	61	
Gray Mica Rock	61	280	✓

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: yes (Y) no (N)

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. 24

Joseph L Marple

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes (Y) no (N)

TYPE OF GROUTING MATERIAL (Circle one): CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 15 NO. OF POUNDS 1410

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (to nearest foot): from 0 ft. to 49 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below

ST STEEL	CO CONCRETE
PL PLASTIC	OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)!	Total depth of main casing (nearest foot)
ST	6	66

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole insert appropriate code below

ST STEEL	BR BRASS BRONZE	HO OPEN HOLE
	PL PLASTIC	OT OTHER

C 2

EACH SCREEN	DEPTH (nearest ft.)	
1	HO	63 to 280
2		
3		

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH)

GRAVEL PACK: from ____ to ____

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 ____

TELESCOPE CASING | LOG INDICATOR | OTHER DATA

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 15.

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 47 ft.

WHEN PUMPING 49 ft.

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) (YES or NO): YES (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)

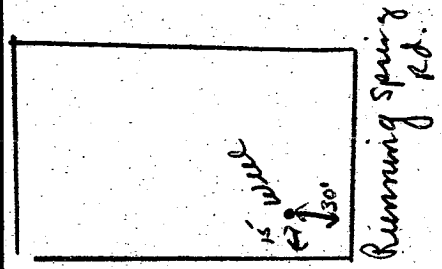
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

(+) above LAND SURFACE | (−) below: 3 (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)



COUNTY


LIMIT OF SUBMISSION
LAWRENCE R. HYMAN
R. 67
782/498
R. HYMAN
108
6/242
MgB2
MgC3
M1D3
M1E
M1B2
Ha
PRESERVATIO
PARCEL 1B
LOT 7
LOT 8
LOT 25
MR 2/14/96
well site LOT 8 OK
W.S. OK
P229(422.5)
PZ26(424.3)
PZ30(405.0)
PZ25(426.0)
PZ27(422.0)
P116C(391.2)
P116B(390.2)
P116A(390.0)
P11A(395.5)
P427(395.3)
PZ29(414.6)
P421(392.2)
PZ28(427.5)
PZ39(429.7)
P128(416.7)
P113(399.4)
P420(391.8)
P419(404.2)
P418(394.0)
P54(368.5)
P52(393.5)
P50(403.4)
P234(411.8)
P50A(399.1)
PZ35(414.0)
P112(410.0)
P46(397.5)
P47(373.5)
P42A(391.0)
P42(397.0)
LN-583000
E-1337500
350
370
390
420

OFFICE COPY

9/17/96 BY COPY OF THIS APPROVED PLAN, THE HEALTH DEPT. ACCEPTS THE PROPOSED MODIFICATIONS TO THE SEPTIC EASEMENT.

Approved Septic System Plan
Howard County Health Department

8/12/96
Date

Signature

ADD SEWERAGE DISPOSAL EASEMENT

PARCEL 82
FOREST CONSERVATION

LOT #9
1.160 AC.

PRIVATE SEWERAGE EASEMENT

SEPTIC DISTRIBUTION BOX

SEPTIC TANK

ABANDONE PRIVATE SEWERAGE DISPOSAL EASEMENT
LENGTH OF TRENCH TO BE OUTLINED

Construction stormwater management to be handled by developers stormwater management pond until removed

RUNNING SPRINGS ROAD

DALE THOMPSON BUILDERS

1"=40'

Septic Grades & Elevations		
	Inv.	Grade
Invert at House	395.0	399.0
Invert at Tank Entrance	394.75	398.0
Invert at Tank Exit	394.25	397.0
Invert at Dist. Box	394.0	397.0