

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 511516

A 48852

DISTRICT

DATE 4/15/99

DATE SYSTEM APPROVED 9/30/99

INSPECTOR *[Signature]*

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

410-313-2640

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 580 Obrecht, Sykesville, MD 21784

PHONE 410-795-5674

SUBDIVISION Quarterfield LOT 36 ROAD 11600 Whitetail Lane

PROPERTY OWNER Dale Thompson Builders

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NOTE: Septic system requested to be installed prior to start of house construction.

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - From the intersection of the 60.00' and 248.73' lot lines, place the distribution box 100 feet down the 248.73' lot line and 75 feet off that same lot line. Run trenches on contour in both directions as seen when facing the lot from Whitetail Lane. MAINTAIN A MINIMUM OF 20 FEET FROM THE TRENCHES TO 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. *OK 4/29/99 DKS*

PLANS APPROVED BY Kim Maiste/Mark E. Rifkin

DATE 4/02/99

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 TRENCHES

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

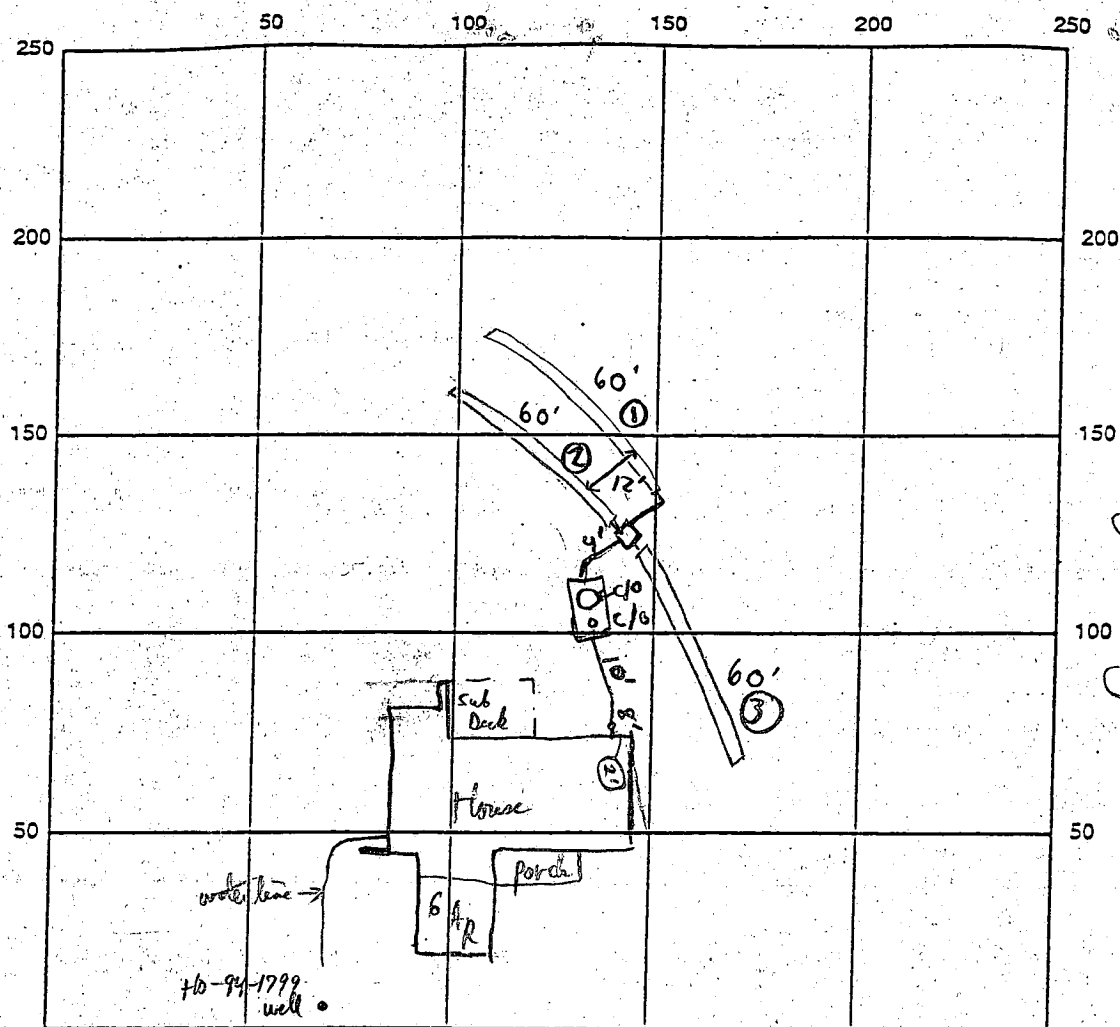
HD-260(5-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BLANK PERMIT SIGNED

11600
100133960 - FINISH + FLAME
BASEMENT, BDRM, BTHRM, FR

A 48852



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ✓ 1250 gallons CLEANOUTS 2 - (6" tank, manhole cleanout on tank)

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 1123 FT. (180)

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 4/20/99 SDA and dist. box location are staked. contractor to confirm that stakeout is based upon newest site plan (D)
4/21/99 OK to start trenches and continue work. OK

OK TO COVER TANK, DISTRIBUTION BOX, TRENCHES - 4/22/99 S.R.M.

HOUSE CONNECTION NEEDS TO BE MADE. House Connection OK 4/30/99
Needs to be

DATE SYSTEM APPROVED

9/30/99

INSPECTOR

[Signature]

APPLICATION

PERCOLATION TESTING

A 52
4888A

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4/7/93

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 DALE Thompson
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. 18 36

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 - 4 Bm
(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.
P.Y. - [Signature] 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

A48834

COUNTY #

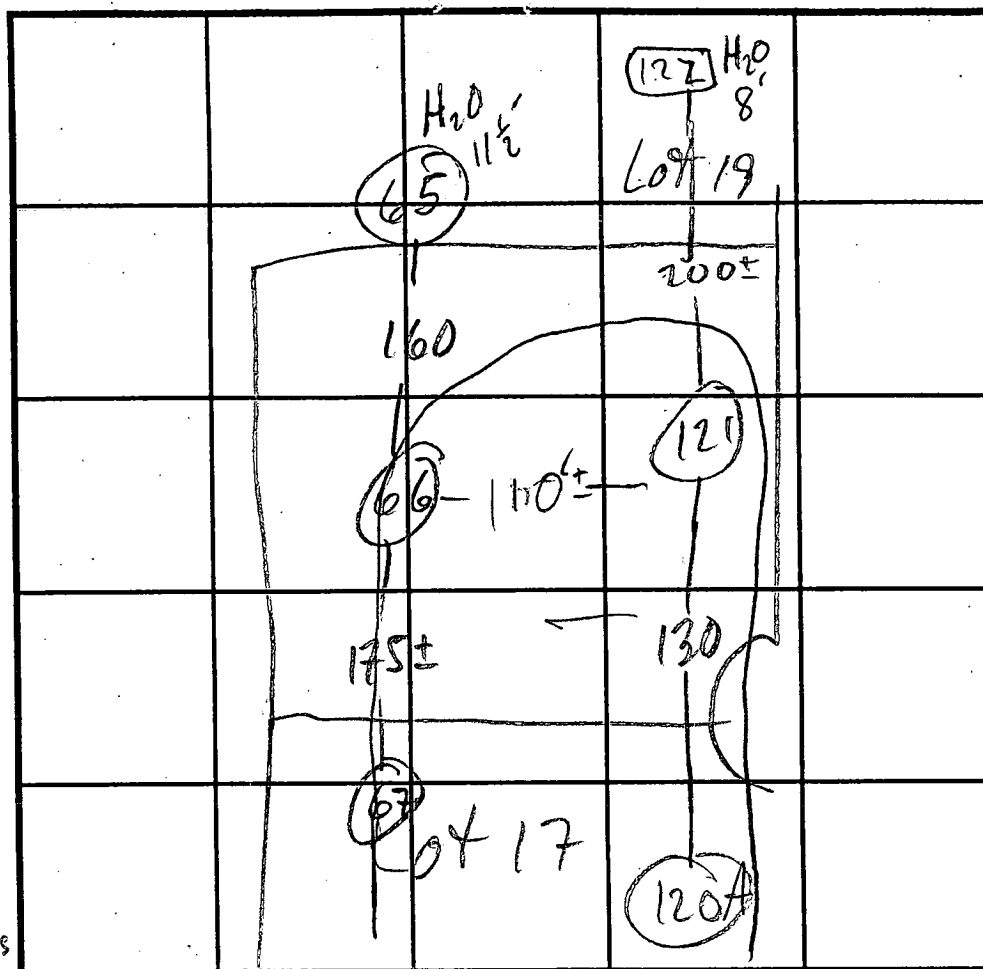
Lot 18

SOIL PROFILE

0' (66)

brn org
sacl lm
15% fragsorg gray
tan
sa lm
10%
saprolite
fragstan
sacl lm
20% sandstone
fragstan
sa lm10-15%
soft + hard
sandstone
frags

WATER

brn org
sacl lm
40% hard
sandstone
fragstan brn
gray sa lm
30% hard
sandstone
fragssame sa lm
15% soft
sandstone
frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (121) (122)

brn org
sacl lm
15% fragsgray
tan
sa lm
15-20%
hard
sandstone
frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/5/93	66 S	5	2:55:45	2:57:00	2:57:00	2:59:30	2 1/2 min	✓
	66 M	9	2:56:30	2:57:00	2:57:00	2:57:50	50 sec	
	66 V	13	2:58:15	2:59:15	2:59:15	3:00:30	1 min 15 sec	
	65 S	5	3:12:45	3:13:30	3:13:30	3:14:00	30 sec	
	65 M	8	3:13:00	3:13:45	3:13:45	3:15:15	1 1/2 min	
	65 S	5	3:14:30	3:15:45	3:15:45	3:17:30	1 3/4 min	
2/11/93	65 V	11 1/2	see profile	WATER	WATER	11 1/2	FAIL	
	67 S	4 1/2	11:55:45	11:56:15	11:56:15	11:58:00	1 min 45 sec	
	67 M	9	11:57:30	11:58:30	11:58:30	12:00:00	1 min 30 sec	
	67 V	13	see profile					
	121 S	4 1/2	2:26:30	2:30:30	2:30:30	2:35:30	5 min	✓
	121 M	9	2:26:30	2:29:30	2:29:30	2:34:00	4 1/2 min	
	121 V	12 1/2	see profile					
	120A S	5	2:37:30	2:40:45	2:40:45	2:43:45	3 min	✓
	120A M	8 1/2	2:38:00	2:39:45	2:39:45	2:42:45	3 min	
	120A V	12 1/2	see profile					

REMARKS

TYPE OF SOIL USE (66) - (67) - (120A) - (121)

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

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 TRENCH WIDTH 2

INLET DEPTH 3 1/2 MAXIMUM BOTTOM DEPTH 7 1/2 SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 48852
P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

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. 36

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.
Buyer John Smith 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

COUNTY #

SOIL PROFILE

303A

tan brn
sac l mtan org
sa l m

15% frags

org sa

1 am

50% block

REFUSAL

429

brn
sa c l
m

tan

beige

sand

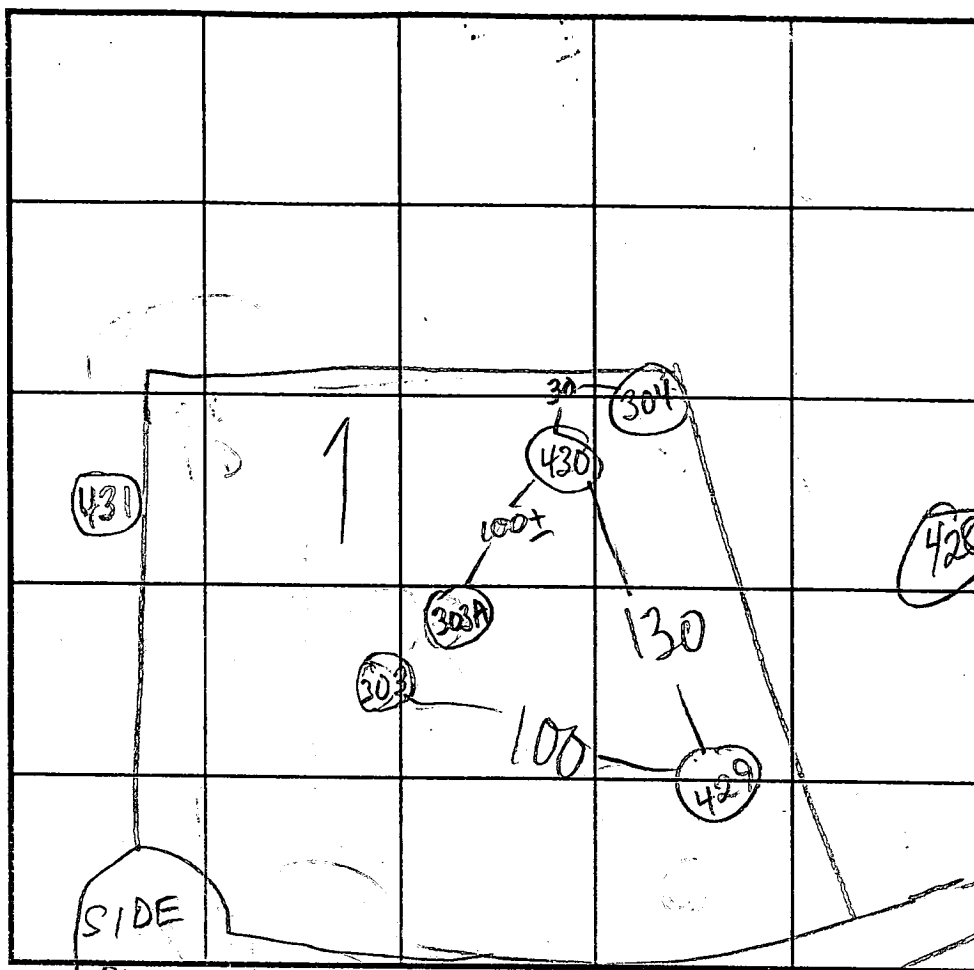
(decomposed

sandstone)

5-10%

frags

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/27/94	303	3	REFUSAL - HARD Rx		THRU OUT		
	303A	8	REFUSAL				
	429	4	3:19:40	3:20:00	3:20:00	3:20:30	30 sec
			3:20:40	3:21:20	3:21:20	3:22:20	1 min
	429	12'3"					
	430	4	3:28:30	3:29:00	3:29:00	3:29:45	45 sec
			3:30:20	3:31:20	3:31:20	3:32:30	1+min
	430	13	sim to 429		20% frags		
	304	3	HARD Rx - REFUSAL				
8/3/94	428	4'10"	11:49:15	11:50:15	11:50:15	11:52:40	2 1/2
	428	11 1/2	sim to profile 20% frags below 8'				

REMARKS

TYPE OF SOIL

TESTED BY

M. Ripkin

ALSO PRESENT

Hattfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

APPLICATION

PERCOLATION TESTING

52
A 5/8/81
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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
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. 34 & 35

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)

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PJ: [Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING PERC OK-HOLD FOR PLAT 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

A48833
COUNTY #

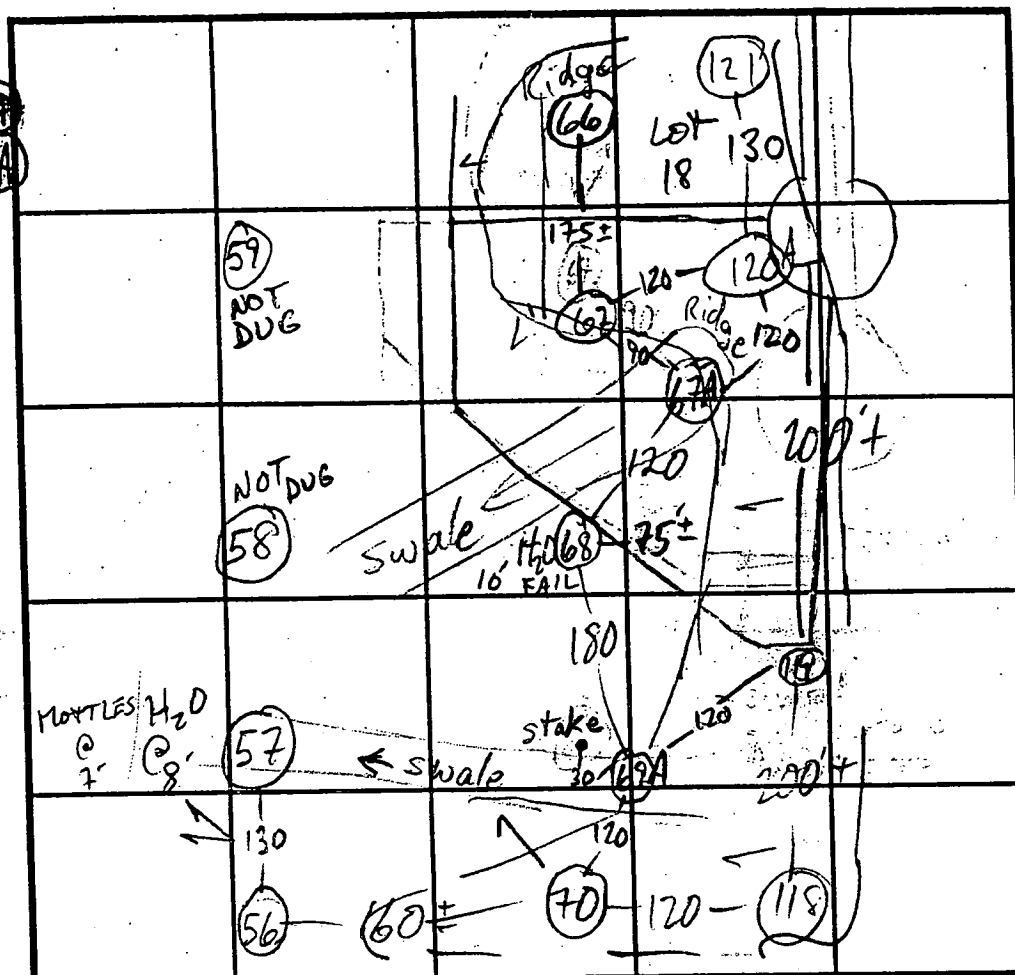
SOIL PROFILE

0' 56 (70) 69A
dk. brn
sa si
cl 1m
tan gray
org mica
quartz
sa 1m
5-15% frags

11 1/2' 57
org brn
si c lay
10% frags

4 1/2' 57
org si
brn
cave in frags
15%
org & shell
breakers
WATER

8 1/2' 68
org brn
cl 1m
20%
quartz
frags
5-6' gray
org
mottled
si 1m
20% quartz
frags
10 1/2' WATER



SOIL PRO. 67
0' brn oig
sa cl 1m
40% hard
sandstone
frags
1 1/2' tan brn
gray sa
1m
30% hard
sandstone
frags
8' same 15%
soft
sandstone
frags
13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/5/93	57 V	8 1/2'	WATER @ 8' 3"	MOTTLES @ 8'			
	56 S	5	10:15:00	10:18:45	10:18:45	10:22:30	3 min 45 sec
	56 M	8	10:16:30	10:18:30	10:18:30	10:19:00	30 sec
	56 V	11 1/2'	10:20:00	10:22:00	10:22:00	10:23:00	1 1/2 min
	70 S	5 1/2'	10:30:20	10:30:50	10:30:50	10:32:00	1 min 10 sec
	70 M	9	10:31:15	10:32:30	10:32:30	10:35:00	2 1/2 min
	70 V	13	OK 15-20% quartz	Frags 3	5'		
	69A S	5	10:48:45	10:50:30	10:50:30	10:44:30	45 sec
	69A M	8	10:50:30	10:51:45	10:51:45	10:52	45 sec
	69A V	11 1/2'	10:54:30	10:55:15	10:55:15	10:57:30	2 min
	68 V	10 1/2'	see profile				
	68A V	12'	WATER @ 10' - FAIR	MOTTLES @ 5-6'			
	67A S	5	OK see profile				
	67A M	8 1/2'	11:24:15	11:24:15	11:24:15	11:30:15	3
	67A S	4 1/2'	11:25:00	11:28:00	11:28:00	11:29	1
	67A M	9	11:55:15	11:56:15	11:56:15	11:58	1 3/4 min
	67A V	13	11:57:30	11:58:30	11:58:30	12:00	1 1/2 min

REMARKS
TYPE OF SOIL 67 V 13 see profile
TESTED BY M. R. Fick
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 TRENCH WIDTH 2
INLET DEPTH 3 1/2 MAXIMUM BOTTOM DEPTH 7 1/2 SQ. FT./BEDROOM 180

ALSO PRESENT C. Sperry, Hattfield & Co.

A48852

(118) (119)
SOIL PROFILE

120A

SEE ATTACHED

Lot 17

brn
sa cl
lm.

tan gray
beige

sa

lm

10%

frags

(66)

brn org
sa cl lm
15% frags

org gray
tan sa
lm
10%
saprolite
frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/10/93	119 S	5	2:54:15	2:57:00	2:57:00	3:00:30	3+ min
	119 M	9	2:55:00	2:56:00	2:56:00	2:58:30	2+ min
	119 V	12 1/2	see profile				
	118 S	5 1/2	3:09:30	3:10:30	3:10:30	3:18	8 min
	118 M	8 1/2	3:13:00	3:13:30	3:13:30	3:14:18	45 sec
	118 V	8 1/2	3:14:45	3:16:00	3:16:00	3:18	2
		12 1/2	sim to (119) 15% frags				
2/11/93	120A S	5	2:37:30	2:40:45	2:40:45	2:43:45	3 min
	120A M	8 1/2	2:38:00	2:39:45	2:39:45	2:42:45	3 min
	120A V	12 1/2	sim to (119) 15% frags				
2/5/93	66 S	5	2:55:45	2:57:00	2:57:00	2:59:30	2 1/2 min
	66 M	9	2:56:30	2:57:00	2:57:00	2:57:50	50 sec
	66 M	9	2:58:15	2:59:15	2:59:15	3:00:30	1 min 15 sec
	66 V	13	see profile				

REMARKS

USE (66) (67) (67A) (69A) (70) (118) (119) (120A) (121)

TYPE OF SOIL

TESTED BY

ALSO PRESENT

C 1 4340

SEQUENCE NO.
(MDE USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPETHIS REPORT MUST BE SUBMITTED AFTER
WELL IS COMPLETED.COUNTY
NUMBER

A 48852

ST/CO USE ONLY

DATE Received
MM DD YY
8 13

DATE WELL COMPLETED

MM DD YY
2 16 99
15 20

Depth of Well

22 200 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"Ho-94-1799
28 29 30 31 32 33 34 35 36 37OWNER Date last name Thompson first name Bldrs
STREET OR RFD Whitetail La TOWN W Friendship
SUBDIVISION QUARTERFIELD SECTION LOT 36

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes 1 no
(Y) (N)
44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 22 NO. OF POUNDS 2068GALLONS OF WATER 132

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 41 ft.
(enter 0 if from surface)
48 TOP 52 54 BOTTOM 58

CASING RECORD

casing
types
insert
appropriate
code
below(ST)
STEEL(CO)
CONCRETE(PL)
PLASTIC(OT)
OTHERMAIN
CASING
TYPE
STNominal diameter
top (main) casing
(nearest inch) 6Total depth
of main casing
(nearest foot) 45E
A
C
H
C
A
S
I
N
G

OTHER CASING (if used)

diameter depth (feet)
inch from toscreen type
or open hole

SCREEN RECORD

(insert
appropriate
code
below)(ST)
STEEL(BR)
BRASS(HO)
OPEN
HOLE(PL)
PLASTIC(OT)
OTHERNUMBER 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.DRILLERS LIC. NO. MS DO 21DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)LIC. NO. DGRAVEL PACK
IF WELL DRILLED
WAS FLOWING WELL
INSERT F IN BOX 68MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q

70

72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

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

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3PUMPING RATE (gal. per min.) 15METHOD USED TO
MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30 ft.WHEN PUMPING 32 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 INSTALLED PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION
MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED

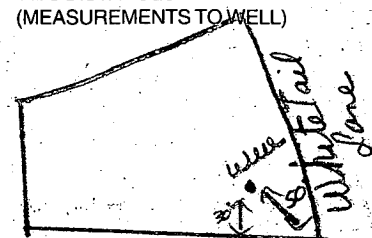
PLACE (A,C,J,P,R,S,T,O)

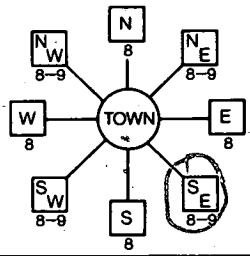
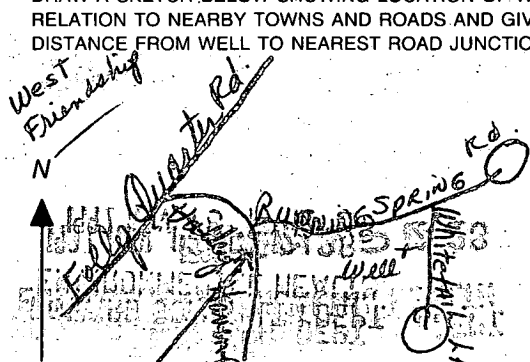
CAPACITY:
GALLONS PER MINUTE
(to nearest gallon) 31 35

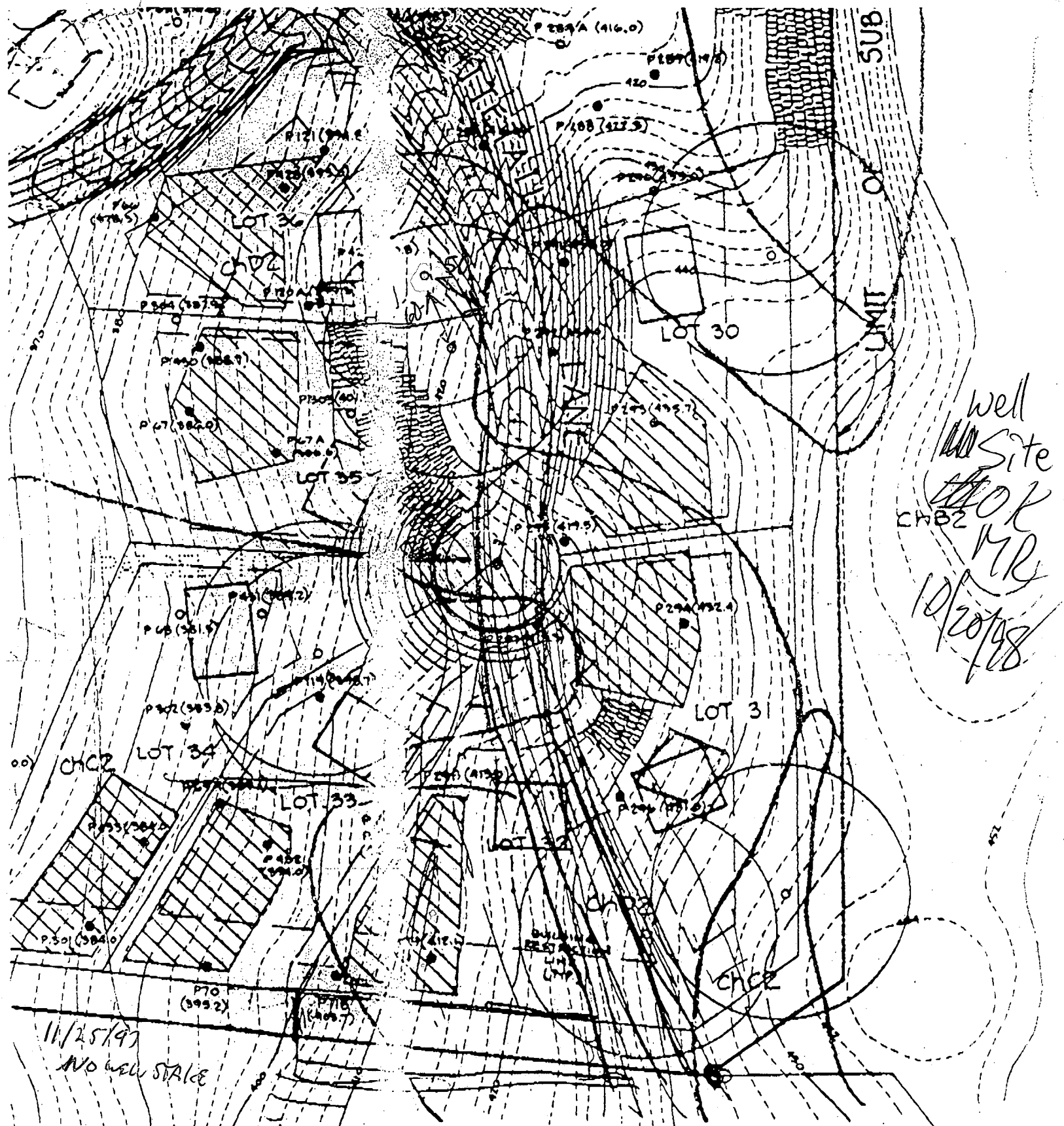
PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH
(nearest ft.) 43 47CASING HEIGHT (circle appropriate box
and enter casing height)+ above } LAND SURFACE
- below } 2 (nearest foot)
49 50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURES
AND INDICATE NOT LESS THAN
TWO DISTANCES
(MEASUREMENTS TO WELL)

B 1	8004	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-1799 fill in this form completely
Date Received (APA) 11/18/97 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			B 3 LOCATION OF WELL 8 COUNTY Howard 21 23 SUBDIVISION Quarterfield 42 SECTION 44 46 LOT 36 48 50 West Friendship 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 4 73 M 1 76 77 78	
OWNER INFORMATION 15 Last Name Thompson Owner First Name Dale 34 36 Street or RFD 10005 Old Columbia Rd. 55 57 Town Columbia 70 State MD. 72 Zip 21046 76			DRILLER INFORMATION Driller's Name Joseph L. Mayne 76 License No. MSD024 81 Firm Name Joseph L. Mayne Well Drilling Address 5512 Ridge Rd. Mt. Airy Md. 21111 Signature Joseph L. Mayne 11/17/97 Date	
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20			B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 11 NEAR WHAT ROAD Whitetail Lane 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 50 37 DISTANCE FROM ROAD FT ENTER FT OR MI 38 39 TAX MAP: 23 BLK: 15 PARCEL: 101	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)			NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A48852 STATE SIGNATURE Mark E. Rifkin INSERT S S DATE ISSUED 10/23/98 EXP. DATE 10/23/99 43 CO SIGNATURE 0826 48 NORTH GRID 521 50 000 55 EAST GRID 0826 57 000 63	
APPROXIMATE DEPTH OF WELL 240 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH			SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 826 N 521	
METHOD OF DRILLING (circle one) 30 ☒ BORED (or Augered) ☐ JETTED ☐ Jetted & DRIVEN 37 ☒ AIR-ROTARY ☐ AIR-PERCussion ☐ ROTARY (Hydraulic Rotary) ☐ CABLE ☐ REVerse-ROTary ☐ DRive-POINT other			2/16/99 Short 11:00 41' open hole 45' casing 22 bags location OK	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 52			DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  QUARTERFIELD DR	
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER MR 54 G A P 63 FORCE HO-94-1799 67 68 SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -				

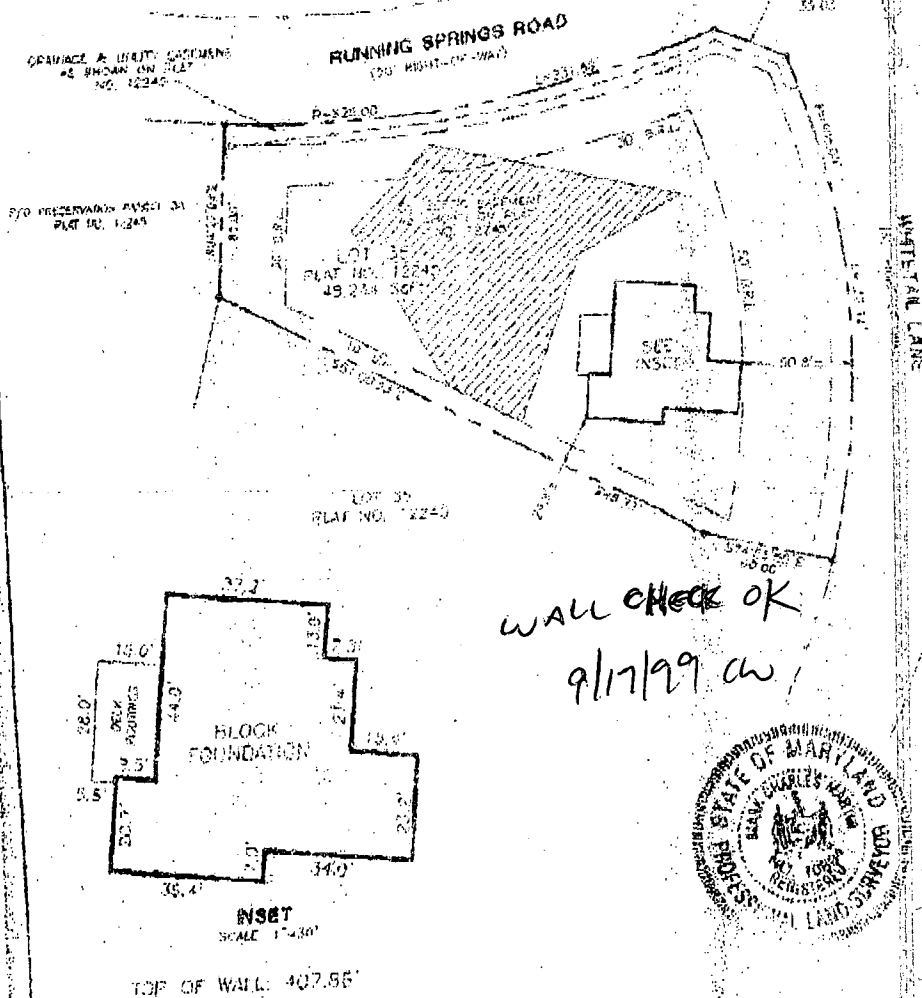


well
Site
CHB2
10/20/98

11/25/97
NO WELL STATE

NO		DATE		REVISION	

SEP 17 1999



RECORD REFERENCES	WALL CHECK OF	VOGEL & ASSOCIATES, INC.
USER/FOUO	OF	CONSULTING ENGINEERS - SURVEYORS - PLANNERS
PLAT BOOK	LOT 38	3801 PARK AVE. #101 ELLICOTT CITY, MD 21043
PLAT NO./FOLIO	QUARTERFIELD	TELEPHONE (410) 551-5838 FAX (410) 551-5838
SCALE 1"=60'	HOWARD COUNTY	I HEREBY CERTIFY THAT THE INFORMATION AND LOCATIONS AS
DATE 09-17-99	MARYLAND	SHOWN HEREON AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THERE ARE NO ENCUMBRANCES EXCEPT AS SHOWN.
		<i>Mark C. Martin</i> 9/17/99
		MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR # 01224

RUNNING SPRINGS ROAD (50' RIGHT-OF-WAY)

Approved Septic System Plan Howard County Health Department

Y EASEMENT
PLAT
45'

N66°41'57"W
35.03'

R=525.00'

L=231.88'

30' B.R.L.

R=405.00'

SEPTIC TANK

LOT 36

PLAT NO. 12245 DIST. BOX
48,234 SqFt

EX SEPTIC EASEMENT
AS SHOWN ON PLAT
NO. 12245

10' B.R.L.

S61°00'23"E

PROP. HOUSE
BF 398.0
FF 408.0

GARAGE

WELL

AREA OF SEPTIC EASEMENT
ADJUSTED (5')

LOT 35
PLAT NO. 12245

GENERAL NOTES:

1. SEPTIC SYSTEM (DISTRIBUTION BOX & TRENCHES) TO BE INSTALLED PRIOR TO ISSUANCE OF BUILDING PERMIT.
2. VARIANCE FOR DECK TO SEPTIC EASEMENT - 10 FEET PER HEALTH DEPT DISCUSSION
3. DECK TO SEPTIC SYSTEM (TRENCHES) - 20 FEET.
4. SEPTIC EASEMENT ADJUSTED AS SHOWN PER HEALTH DEPT RECOMMENDATION (10,000 SqFt MAINTAINED).

Signature

Date

REVISED

Total linear feet of trench
required 180 feet

Width of trench(es) 2 feet

Depth of trench(es) 7.5 feet

Depth of stone required below
distribution pipe 4 feet

SEPTIC GRADES & ELEVATIONS		
	INVERT	GRADE
INVERT AT HOUSE	391.5	399.0
INVERT AT SEPTIC TANK	391.2	398.0
INVERT FROM SEPTIC TANK	390.7	396.0
INVERT AT DIST. BOX	390.5	394.0
INVERT INTO TRENCH		

PLAN BY VOGEL & ASSOC
1:50