

6-14-99
3 PM

2/23/00
- Amendment

03-317293

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 511945

A 38136

DISTRICT 3rd

DATE 6/11/99

DATE SYSTEM APPROVED 6/15/99

INSPECTOR AM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXX~~ 410-313-2640

Jack Fyock Septic Service IS PERMITTED TO INSTALL X ALTER

ADDRESS P.O. Box 89, Glenelg, MD 21737 PHONE 410-988-9270

SUBDIVISION Meadowood, Sec. 2, Area 3 LOT 60 ROAD 1344 Crows Foot Road

PROPERTY OWNER Sallama H. Majzoub

ADDRESS 1344 Crows Foot Road
Marriottsville, Maryland 21104

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 210 feet off the back lot line (460.14') and 165 feet off the left lot line (343.32') when facing the lot from Crows Foot Road. Run trenches on contour toward the right lot line. MAINTAIN 100 FEET OFF THE WELL.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *or 9/21/98 DBS*

PLANS APPROVED BY Amy McMillen REVSIED DATE 9/14/98

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

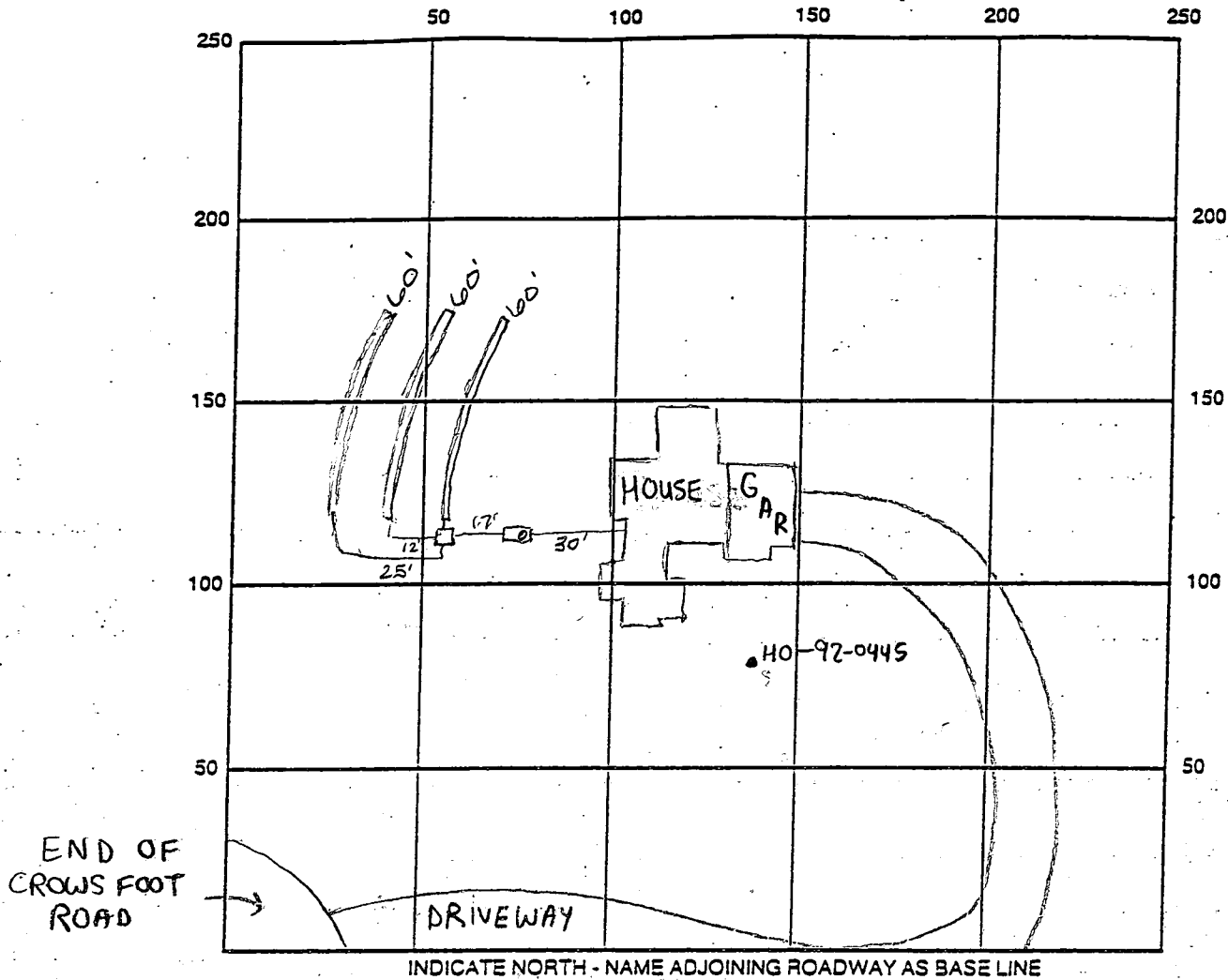
PERMIT VOID AFTER TWO YEARS

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**

138136



SEPTIC TANK LEVEL 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 3.0 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

$\frac{280}{180} = 540$

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET 2.0 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 6/15/99 OK to cover all work

DATE SYSTEM APPROVED 6/15/99 INSPECTOR A M Mello

APPLICATION

PERCOLATION TESTING

A 40650

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 3RD

DATE 12-14-87

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 Springhill Associates c/o D.S. Thaler & Associates, Inc.
SALLAMA H. MAJZUB

ADDRESS 11 Warren Road, Baltimore, MD 21208 PHONE (301) 484-4100

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood SEC. 2 AREA 3 LOT NO. LOT 60
24/60 OLD/NEW

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road
Howard County, Maryland

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres TYPE BLDG. Single Family - 3 Bed
(SINGLE FAMILY DWELLING OR COMMERCIAL)

PERMIT Serial # 250113679
AND RETURNED 9-10-88

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.

Timothy H. Miller
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-11-88 Reque. SATISFACTORY - hold for PERM. SAG

SEE NEXT SHEET

THIS IS NOT A PERMIT

SOIL PROFILE

0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

A 38136

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE 11/28/82

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 Springhill Associates - c/o D.S. Thaler & Associates, Inc.

ADDRESS 11 Warren Road, Baltimore, MD 21208 PHONE (301) 484-4100

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood LOT NO. 29

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road
Howard County, Maryland

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres 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.

Mike Sedgwick
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-16-87, Rec. SATISFACTORY, held for Submission Plat. SAHD

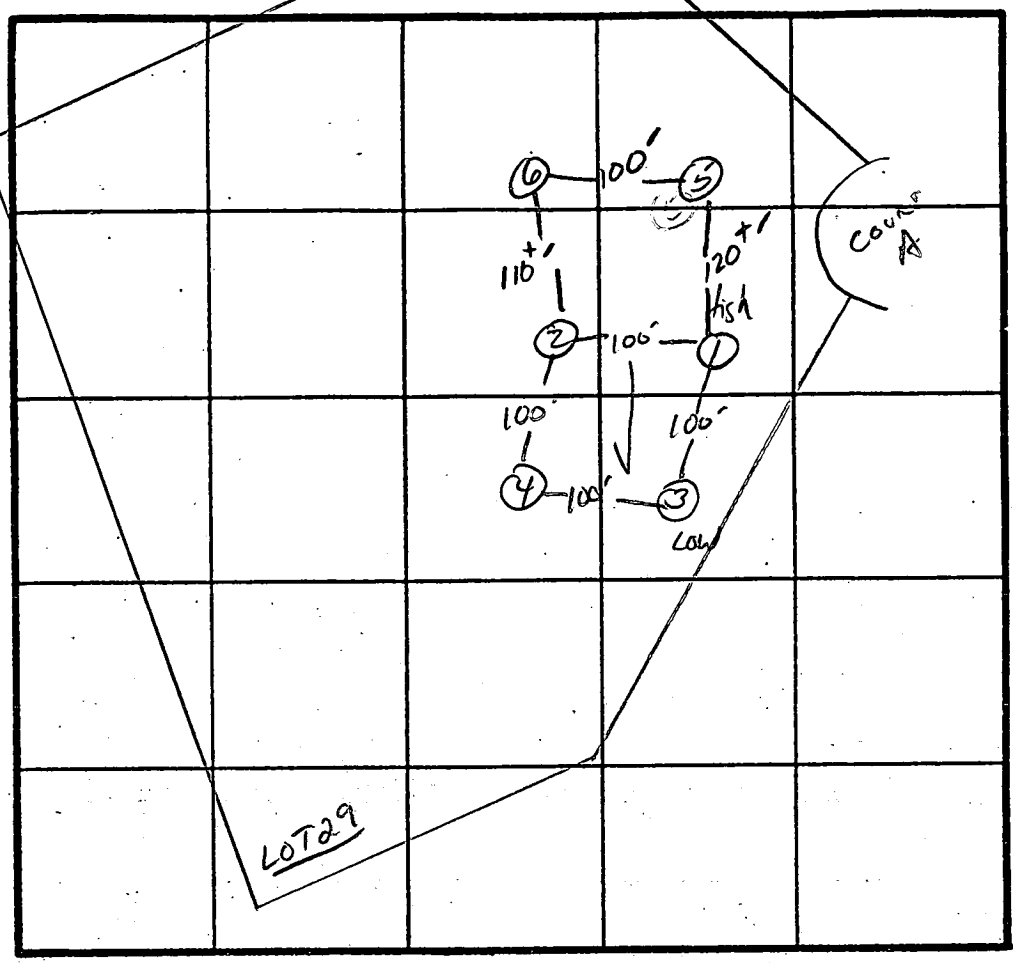
THIS IS NOT A PERMIT

2/10

⑤
① ②
SOIL PROFILE

6"
3-
3.5'
11-12.5'

A1-3
Yellow Red
Silty Clay
LOAM 5-20%
CLAY 210%
FRAGS
Yellow Br
Silty Loam
10-15%
FRAGS
micaceous



\bar{x} PERC
4 MIN
160 #/BR
INLET 3.5'
BOTTOM 5.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
↓ PD 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/10/87	1 S M	4"	10:42	10:43	10:43	10:45	2 MIN
		7.5"	10:42	10:44	10:44	10:49	5 MIN
	1 V	12.5"	UNIFORM SOIL BELOW		3.5"		
	2 S V	4.5"	10:51	10:53	10:53	10:57	4 MIN
		12"	SAME AS #1 w/ MORE FRAGS			15-25%	
3 S V	3.5"	10:53	10:54	10:54	10:55	1 MIN	
	11"	SAME AS #4					
4 S V	3"	10:52	10:53	10:53	10:55	2 MIN	
	11"	UNIFORM SOIL BELOW		3.0"	HARD BOTTOM 11"		
11/1/88	5 S V	3.5"	11:53	11:55	11:55	11:59	4 MIN
		11.0"	UNIFORM SOIL BELOW		3.0"		
	6 S V	4.0"	12:10	12:12	12:12	12:17	5 MIN
		11.5"	UNIFORM SOIL BELOW		3.5"	HARD AT 11.5"	
			STRUCTURED AT ~10.5"				

REMARKS 100% PERC PLAT - SHALLOW SYST. BOTTOM MAX 6"

TYPE OF SOIL Chester

TESTED BY S. Abel ALSO PRESENT ROCKY, BILL, W

EH-12-1079

5.122 AC.

5.047 AC.

AC. GROSS

223 AC.

4.918 AC.

489.48'
TAH
/1004

WESTON
845/182

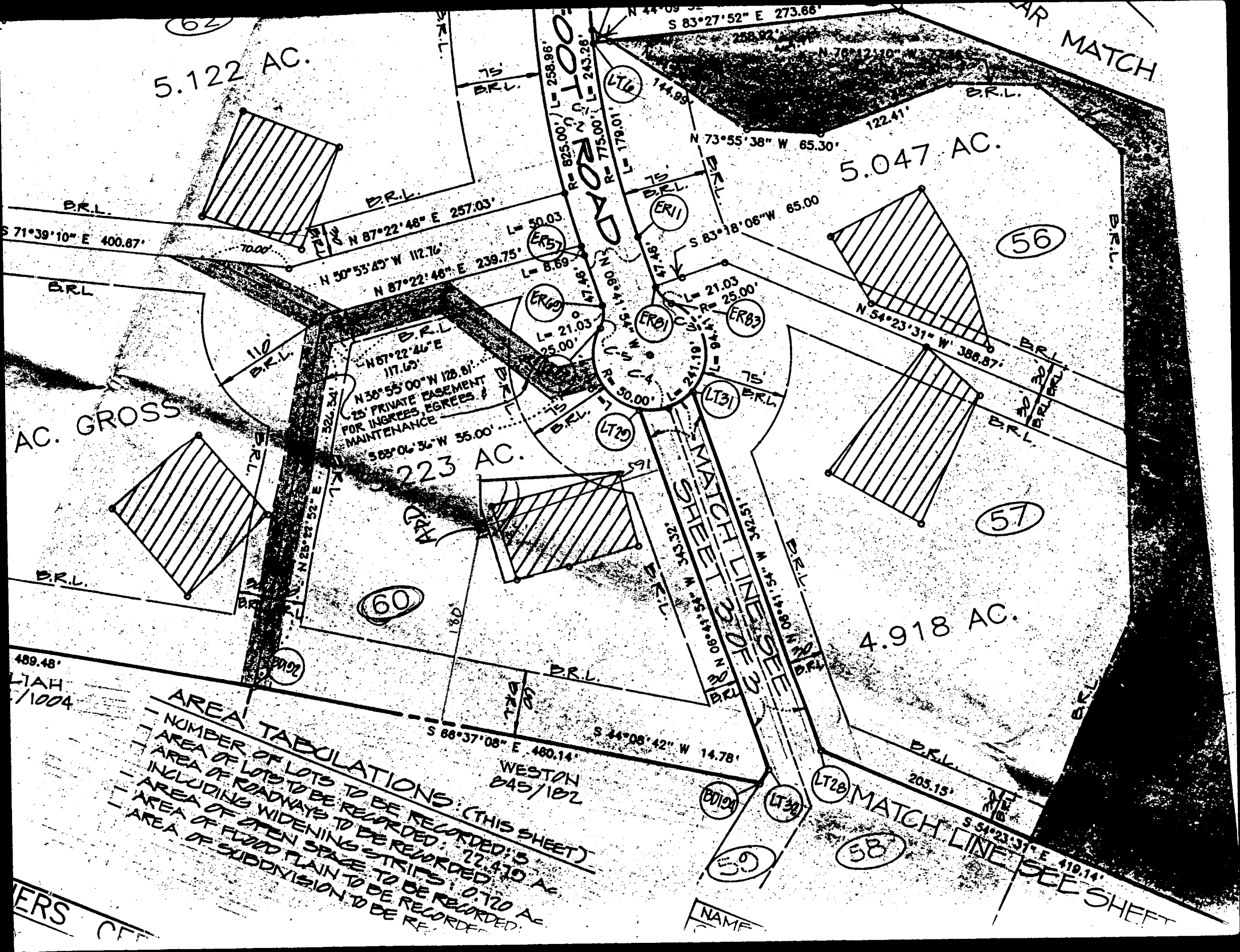
AREA TABULATIONS: (THIS SHEET)

- NUMBER OF LOTS TO BE RECORDED: 5
- AREA OF LOTS TO BE RECORDED: 22.470 AC.
- AREA OF ROADWAYS TO BE RECORDED: 0.720 AC.
- INCLUDING WIDENING STRIPS
- AREA OF OPEN SPACE TO BE RECORDED:
- AREA OF FLOOD PLAIN TO BE RECORDED:
- AREA OF SUBDIVISION TO BE RECORDED:

ERS
CET

NAME

SEE SHEET



MATCH

56

57

60

59

58

MATCH LINE

SEE SHEET

SEE SHEET



SECTION

N 31°35'39"E 910.99

359.40

398.27

LOT 61
4.169 AC.

LOT 62
5.22 AC.

LOT 60
3.2254 AC.

N 23°22'52"E 340.25

CROWNS

A-30650

N 06°41'54"W 343.32

N 06°41'54"W 380.75

N 06°41'54"W 342.51

LOT 57
2.918 AC.

A-28132

A-32139

LOT 59
3.047 AC.

W.S. 100
E.A.
FLOOD

S 68°14'56"E 489.48

S 71°39'10"E 400.67

N 87°22'46"E 125.03

N 87°22'46"E 125.75

N 87°22'46"E 125.03

N 87°22'46"E 125.75

N 87°22'46"E 125.03

N 87°22'46"E 125.75

N 87°22'46"E 125.03

N 87°22'46"E 125.75

L=200.24

L=50.05

L=8.99

L=47.46

L=21.03

L=21.03

L=47.46

L=18.01

L=51+87.47

L=5.00

L=64.77

L=273.86

L=273.86

L=273.86

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C1 4553

SEQUENCE NO. (DENV 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.

COUNTY NUMBER

A 40650

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

2

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-92-0445

OWNER last name first name TOWN

STREET OR RFD SUBDIVISION SECTION 3 LOT 60

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

Table with 3 columns: Description, Feet From, Feet To. Includes entries like Top Soil, red clay, Sand Stone, Mica, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 10 NO. OF POUNDS 1000

CASING RECORD casing types insert appropriate code below ST CO PL OT

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

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

DEPTH (nearest ft.) HO 44 700

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP 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) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test)

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

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)

Notes: 400' deep hole by hand

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 IDENT. NO. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Tues.
8:00

Page _____ of _____
Date _____

7/12/94

Review OK 10/3/94 DKS

FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. HO-92-0445 Election District _____
Location of Property (road) CROWS FOOT RD.
Subdivision MEADOWOOD Lot 60 Block _____ Plat _____ Sec. _____
Well Driller EASTERDAY Owner SPRINGHILL ASSOC.
Depth of Well 400 3 G.P.M.
Distance of Measuring Point (M.P.) above ground 1
Static Water Level (S.W.L.) below M.P. 48

I. High Rate Pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 12 G.P.M.
Total time 30 min to reach pumping water level 152 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes.

TIME	WATER LEVEL Below M.P.	PUMPING RATE Time to fill gal. bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per min.)
8:00	152	20 sec.	Pump setting 200	3 G.P.M.
8:15	152	20 "	See below	"
8:30	152	20 "		"
8:45	152	20 "		"
9:00	152	20 "		"
9:15	152	20 "		"
9:30	152	20 "		"
9:45	152	20 "		"
10:00	152	20 "		"
10:15	152	20 "		"
10:30	152	20 "		"
10:45	152	20 "		"
11:00	152	20 "		"
11:15	152	20 "		"
11:30	152	20 "		"
11:45	155	30 "		"
12:00	155	30 "		"
12:15	155	30 "		"
12:30	155	30 "		"
12:45	155	30 "		"
1:00	160	45 "		"
1:15	160	45 "		"
1:30	160	45 "		"
1:45	160	45 "		"
2:00	160	45 "		"

6/15/99
WPI 4.0'
below grade
PVC conduit & 2
piece cap.
A

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-N Ellicott Mills Drive
Ellicott City, MD 21043
~~1-800-603-6033~~

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X Replacement _____
Receipt # _____
Date _____
Name of Installer John Haske Telephone 410-247-6963
License Number 3189
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X
Name of Property Owner MUSWI S. MATZOUK Telephone 410-442-2783
Subdivision MEADOW WOODS Lot # 60 Well Tag # HO-92-0445
Site Address 1345 CROWS FOOT ROAD

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible X
2. Make GOULD
3. Model # SG507412
4. Capacity 5 GPM GPM
5. Pump exceeds well capacity Yes _____ No X
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors X Cable guards X Other TAPE

Motor
1. Horsepower 3/4
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220 X

Pitless Adapter
1. Make _____
2. Model # BAOK 3S
3. Depth 42"

Tank
1. Capacity WR 302
2. Pressure relief valve? RVS

Piping
1. Type 160 LB
2. Size 1"
3. NSF and/or BOCA Code approved X
4. Depth of supply line 380'

Well data
1. Depth 400 ft.
2. Yield 63 GPM
3. Static water level 48' ft.
4. Will water supply be disinfected by installer? No

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: John Haske
Date: 6-3-99

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

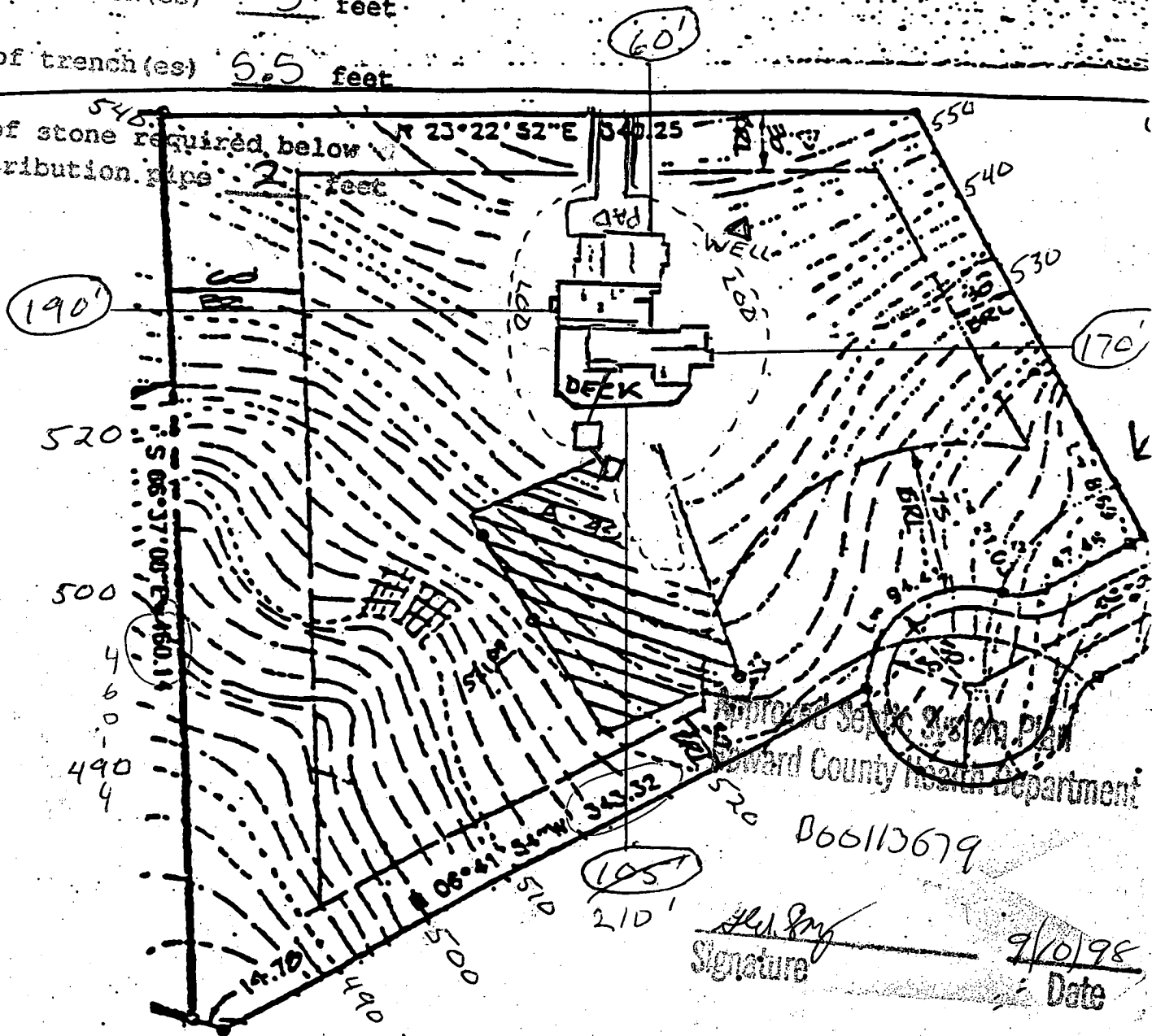
MD-215 6/14/99 There are two wells on lot, one has tag on it, the other has proper two piece cap. Easterday reported dry hole abandoned but it does not appear to be abandoned A
6/15/99 Spoke w/ Sara @ Easterday's - she scheduled abandonment for 6/16/99 A

Total linear feet of trench required 180 feet.

Width of trench(es) 3 feet.

Depth of trench(es) 5.5 feet.

Depth of stone required below distribution pipe 2 feet.



[Signature]
 Signature _____ Date 9/10/98

536 EL. AT DIST. BOX
 INVERT 532.5 DIST. BOX
 INVERT AT TANK - IN 533 - OUT 532.75
 INVERT AT HOUSE - 533.5

NO GRADING TO BE DONE WITHIN PERK FIELD

SCALE 1/8" = 10'

1:80

CRES 3.2234

ELEVATION 540'± (ST FLOOR)

SLAB EL. 535.5

Representation of Lot in
MEADOWOOD
 Section 2-3
 Tax Map 10 Parcel 139
 3rd Election District,
 Howard County, Maryland
 Representation of Lot in

