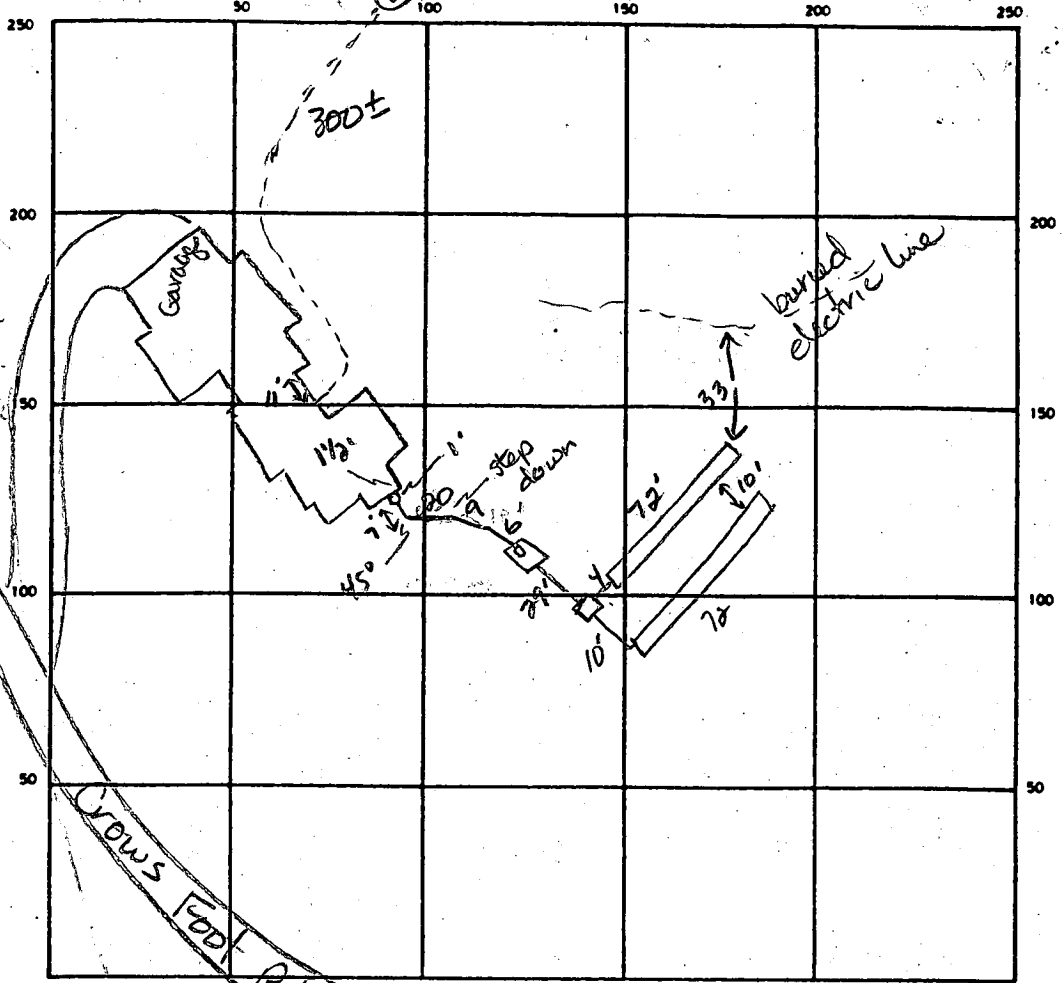


W 140-81-2391

10-24-89
 WPI
 Ron Smith
 Well line
 at 36 in. in
 trench, House
 Connection ok.
 Pitless adapt
 at 48 in. w/ ground
 line. Well
 line covered.
 JENadeau
 Carroll Water Systems
 876-6880



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 at house connection

DISTRIBUTION BOX LEVEL ok w/ baffle

DRAIN FIELD TILE FIELD DEPTH 9 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 3.5 FT.

EFFECTIVE GRAVEL DEPTH 5.5 5.5 FT. TOTAL LENGTH 72 72 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 396 396 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 792 SQ. FT.

REMARKS 10-23-89 OK to stone trench #1 & add pipe & paper. OK
to cover leaving both ends open. Must keep sewer pipe at 1/4 in/ft
drop for the last 10 ft into tank. JEN 10-24-89 OK to cover trench
#1, ok to stone trench #2 and add pipe & paper. Grade at
septic tank ok. JEN 10-24-89 OK to cover all work JEN.

DATE SYSTEM APPROVED 10-24-89 INSPECTOR Jane E. Nadeau

APPLICATION

PERCOLATION TESTING

A 38/68

P _____

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

DISTRICT _____

DATE 11/28/86

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 VINTAGE HOMESTEADS, INC 531-3047

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood LOT NO. 61-3

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road
Howard County, Maryland 1206 Crews FOOT Rd.

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 Sedghi
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 12/4/86 Perc. SATISFACTORY; Hold for subdivision plat. S. Abell

BLOG. PERMIT SIGNED
AND RETURNED 10/4/89

Serial # 30228 -
propane - 500 gal tank

BLOG. PERMIT SIGNED
AND RETURNED 5-10-89

BP 25529

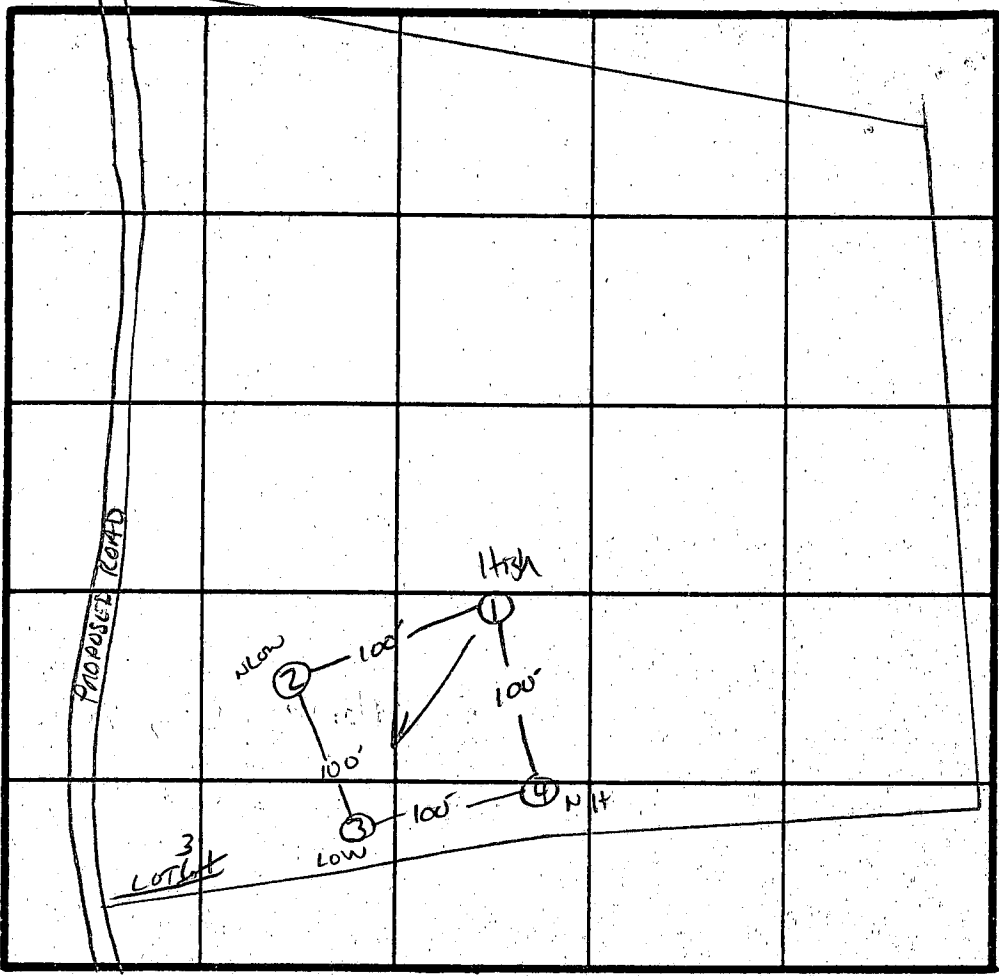
THIS IS NOT A PERMIT

① ② ③ ④
SOIL PROFILE

0'
4"
3'
12'

A1-3
Yellow Br
Silt loam
~9% CLAY
40% FRAGS

Yellow Br
TO TAN
Silt SAND
Loam
15-20%
FRAGS
(SCHIST)
Highly
micaceous



2 Perc Smin
180 #/BR
3 1/2" INLET
8' BOTTOM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO Homewood Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/4/86	1 S	3'	1:26	1:30	1:30	1:36	6 min
	1 M	7'	1:28	1:29	1:29	1:30	1 min
	1 V	12'	uniform soil below 3'				
	2 S	3'	1:34	1:35	1:35	1:39	4 min
	2 V	12'	uniform soil below 3'				
	3 S	3'	1:56	2:02	2:02	2:08	6 min
	3 V	12'	uniform soil below 3'				
	4 V	11.5'	uniform soil below 3'				

REMARKS Hours Per RAT

TYPE OF SOIL Glendg

TESTED BY S. Abel

Fyfe & Co.
ALSO PRESENT OWNER

EH 12-1079

C1 1997 (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 A 38168

DATE Received

DATE WELL COMPLETED 050199

Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-81-2391

OWNER ASSOCIATES SPRING HILL last name first name
STREET OR RFD MEADOWOOD ROAD TOWN SYKESVILLE
SUBDIVISION MEADOWOOD SECTION 1 LOT 3

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Topsoil, Br. mica, Tan mica, Gray mica, Br. mica, Gray mica, Flint, Gray mica, Flint, Gray mica.

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 940 GALLONS OF WATER 50 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 34 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING Nominal diameter top (main) casing TYPE ST 6 37 Total depth of main casing (nearest foot) 37

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL BRONZE HOLE OTHER PLASTIC OTHER

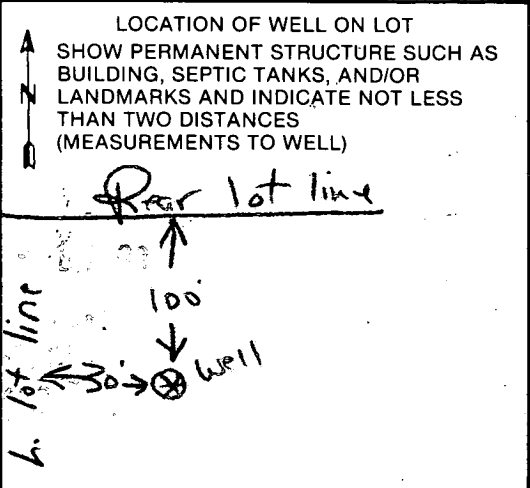
DEPTH (nearest ft.) 35 300
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)

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.) LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 64 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 41 WHEN PUMPING 116 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



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 10.17.13 "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 Wesley K. Blount SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Grout was not done EMERGENCY TEMP 8-1-88-83

B 7 2282 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

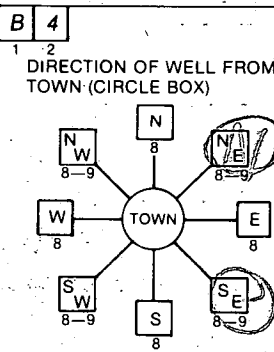
STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
40-81-2391
fill in this form completely

Date Received 07-14-87
OWNER INFORMATION
Last Name: SPRING HILL ASSOC
Owner: First Name: [blank]
Street or RFD: 1423 AT 32
Town: WEALENSHIA MD 21194 State: 21 Zip: 194

B 3 LOCATION OF WELL R-39631
COUNTY: HOWARD
SUBDIVISION: MEADOWOOD
SECTION: 1 LOT: 3
NEAREST TOWN: SYKESTOWN
MILES FROM TOWN: 4 MI

DRILLER INFORMATION
Driller's Name: George F. Easterday License No. 80
Firm Name: L. Franklin Easterday, Inc.
Address: 9265 Br. Ch. Rd., Mt. Airy, Md. 21771
Signature: George F. Easterday Date: 7/1/87



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD: MEADOWOOD RD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): WEST
DISTANCE FROM ROAD: 350 FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.): 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

- USE FOR WATER (CIRCLE APPROPRIATE BOX)
- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 - FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 - INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 - PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 - TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME: HOWARD COUNTY NO. A 38168
OEP SIGNATURE: B. Wilson DATE ISSUED: 05/03/88
NORTH GRID: 549000 EAST GRID: 0821000

APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH NEAREST

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jettied & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT
other

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
Sketch showing location of well in relation to nearby towns and roads and give distance from well to nearest road junction.
Sketch includes: HOWARD TOWN, SYKESTOWN, TUNNEL RD, and well location marked with an X.

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL.
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEAN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER: GAP
FORCE PERMIT No. 40-81-2391

SPECIAL CONDITIONS

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X Replacement _____
Receipt # _____ Date 10/28/89
Name of Installer CARROLL WASTON SYSTEMS INC Telephone 876-6880
License Number PI 074
Certified Well Pump Installer X Well Driller _____ Registered Plumber _____
Name of Property Owner VINTAGE HOMESTEAD Telephone 531-3047
Subdivision Meadowood Lot # 3 Well Tag # _____
Site Address 1206 CROWS FOOT ROAD

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible X
2. Make Corbett
3. Model # SFS25422
4. Capacity _____ 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 _____ Other _____

Motor
1. Horsepower 1/2
2. RPM 3450
3. Voltage _____
a. 110 _____
b. 220 X

Pitless Adapter
1. Make Martinson
2. Model # 810X
3. Depth 4'

Tank
1. Capacity 120
2. Pressure relief valve? Yes

Piping
1. Type PLASTIC
2. Size 1"
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line 4'

Well data
1. Depth 200 ft.
2. Yield 4 GPM
3. Static water level _____ 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: [Signature]
Date: 10/27/89

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

12:30 5/3/89

Review 89-89 JEN

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2391
 Location of property (road) MEADOWWOOD ROAD
 Subdivision MEADOWWOOD Lot 3 Block Plat Sec. 1
 Well Driller GEORGE EASTERDAY Owner ASSOCIATES, SPRING HILL
 JERRY WAGON Schumacher
 Depth of well 300 76 PM
 Distance of measuring point (M.P.) above ground 1 1/2 FEET
 Static water level (S.W.L.) below M.P. 4 FEET

I. High rate pumping -- reservoir drawdown

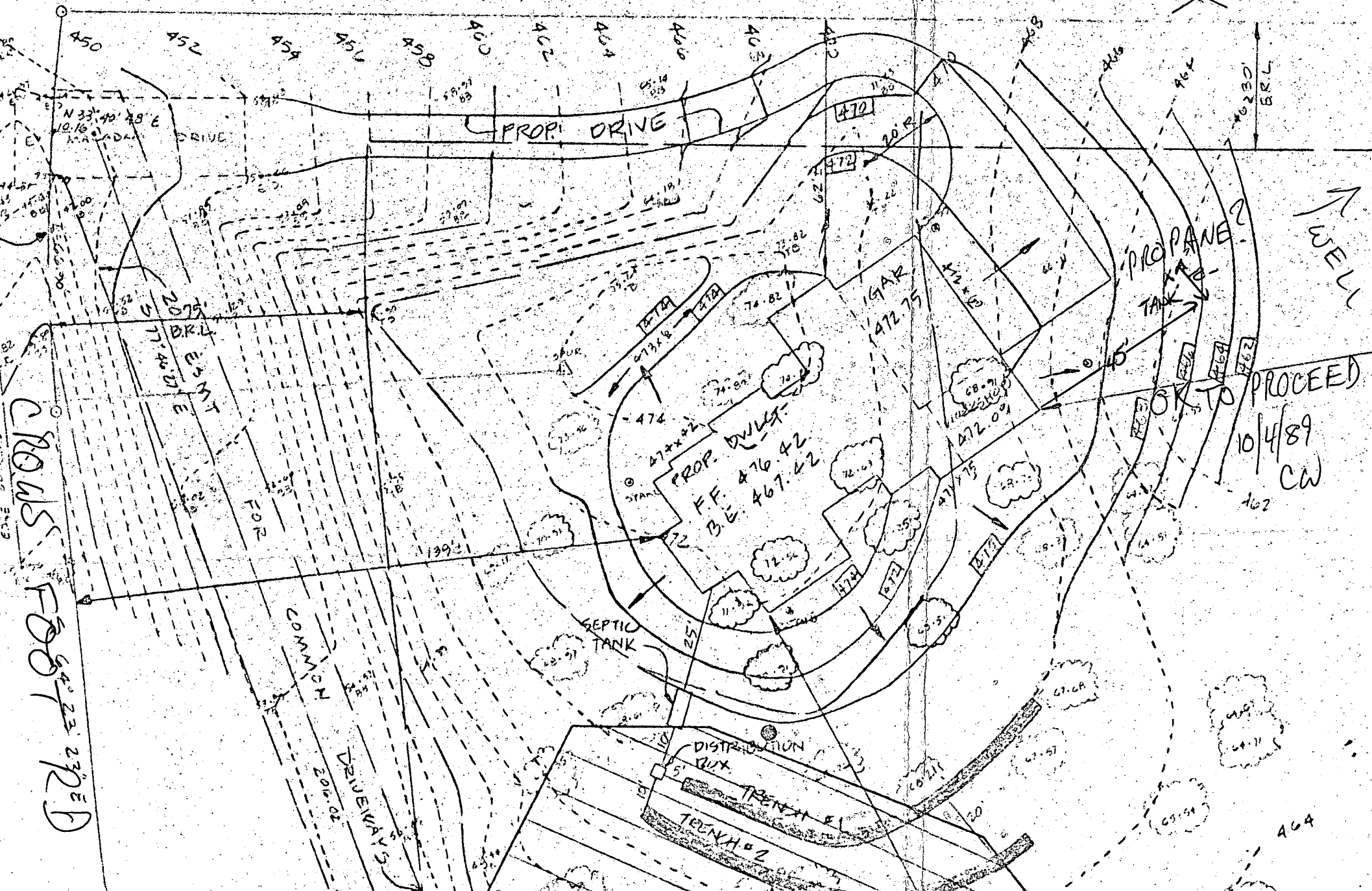
Time pump started 11:15 Pumping rate 12 GALLONS
 Total time 30 MIN. to reach pumping water level 92 ft. below M.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1/2 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
11:45	92 FEET	8 SECONDS	N/A	7 1/2 GALLONS
12:00	103 FEET	8 SECONDS		7 1/2 GALLONS
12:15	108 FEET	8 SECONDS		7 1/2 GALLONS
12:30	115 FEET	8 SECONDS		7 1/2 GALLONS
12:45	116 FEET	10 SECONDS		6 GALLONS
1:00	116 FEET	10 SECONDS		6 GALLONS
1:15	116 FEET	10 SECONDS		6 GALLONS
1:30	116 FEET	10 SECONDS		6 GALLONS
1:45	116 FEET	10 SECONDS		6 GALLONS
2:00	116 FEET	10 SECONDS		6 GALLONS
2:15	116 FEET	10 SECONDS		6 GALLONS
2:30	116 FEET	10 SECONDS		6 GALLONS
2:45	116 FEET	10 SECONDS		6 GALLONS
			Pump was set at 250 feet	
			A. R. Hamby Jr.	
			05-03-89	

LOT 2

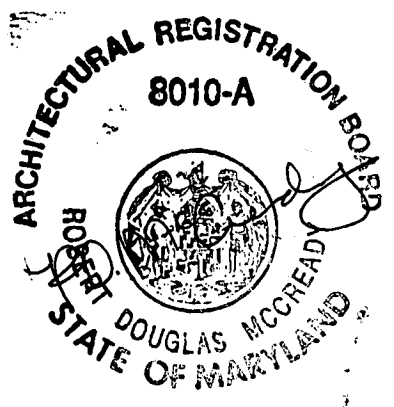
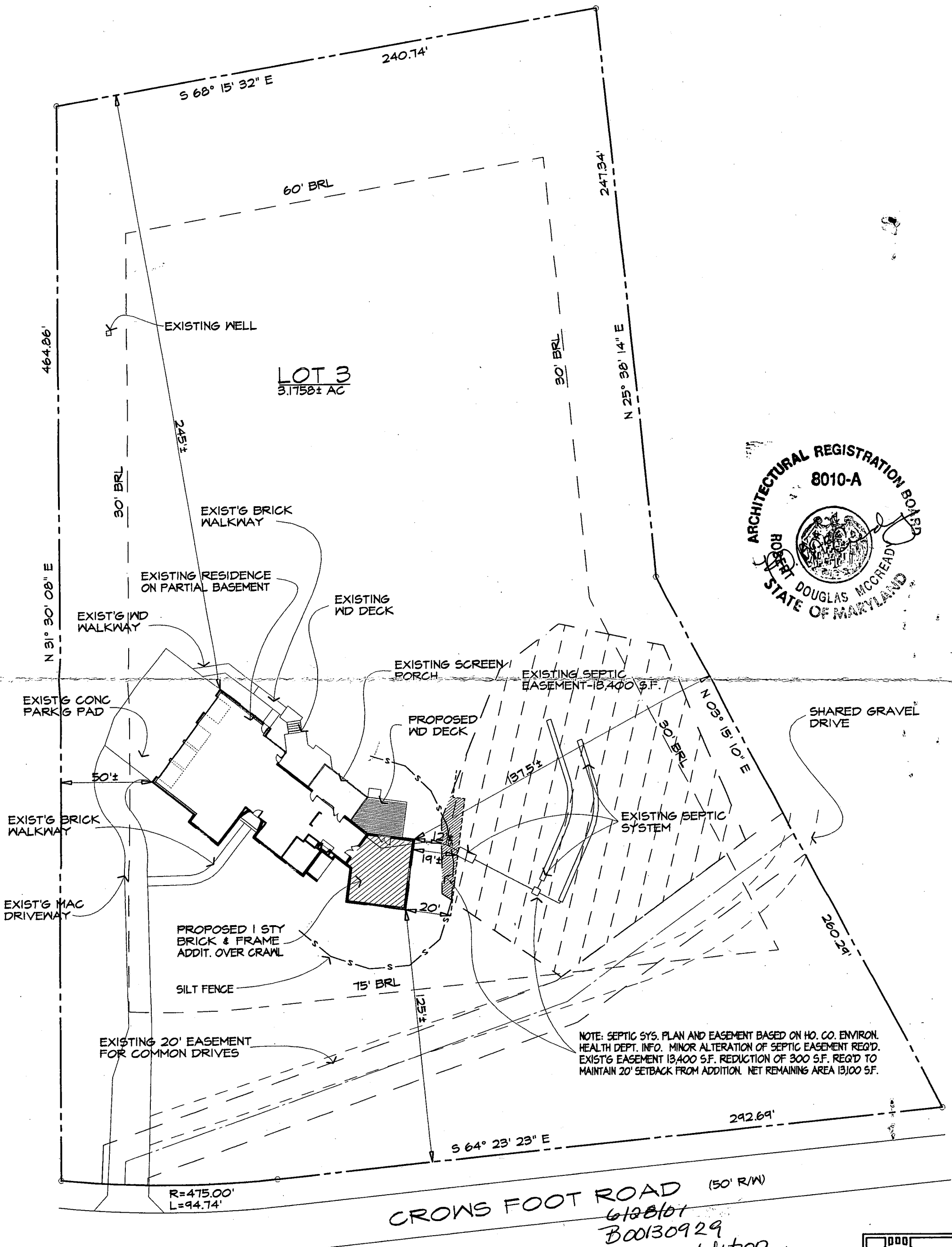
N 31° 30' 08" E



CROSS FDD 23 23ED

OK TO PROCEED
10/4/89
CW

464



NOTE: SEPTIC SYS. PLAN AND EASEMENT BASED ON HO. CO. ENVIRON. HEALTH DEPT. INFO. MINOR ALTERATION OF SEPTIC EASEMENT REQ'D. EXIST'G EASEMENT 13,400 S.F. REDUCTION OF 300 S.F. REQ'D TO MAINTAIN 20' SETBACK FROM ADDITION. NET REMAINING AREA 13,100 S.F.

1206 CROWS FOOT ROAD, MARRIOTTSTVILLE, HOWARD COUNTY, MD 21104
 LOT 3, MEADOWOOD, SECTION 1, MAP 10, GRID 7, PARCEL 312, PLAT #1807, 3RD DISTRICT

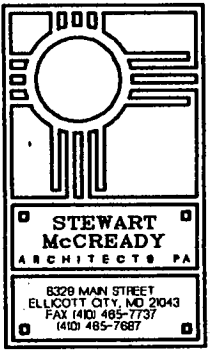
6/28/01
 B00130929
 Shown addition
 (great room & deck)
 OK as shown

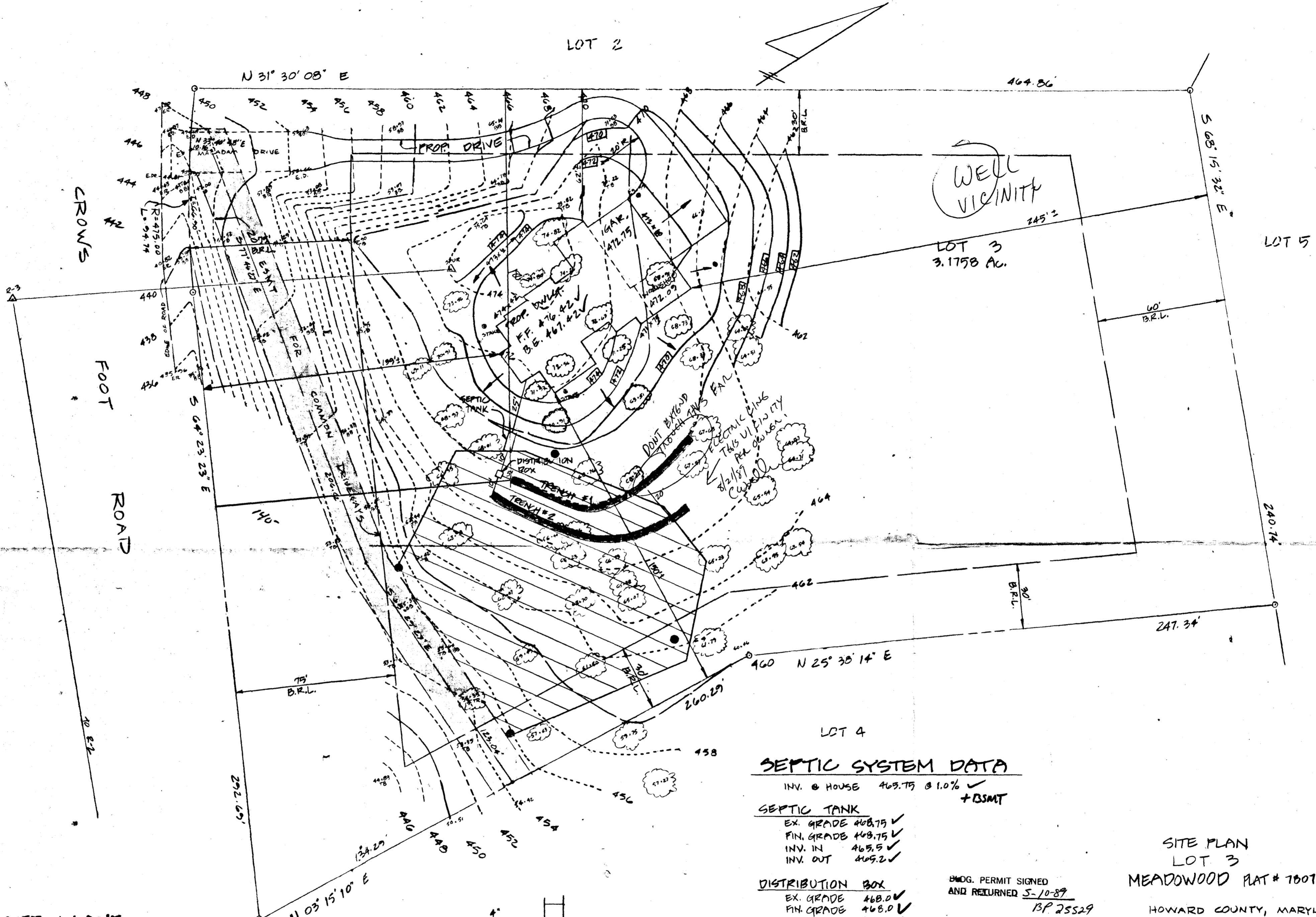
A McMiller 1"=40'



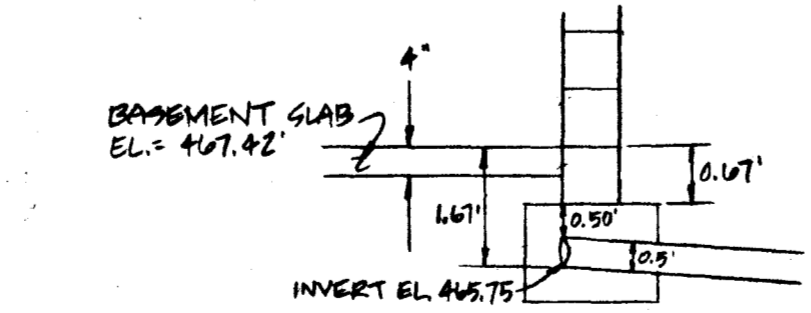
S-1	SITE PLAN
	HOFFMAN ADDITION

18 JUNE 01





SHANABERGER & LANE
 8726 TOWN & COUNTRY BLVD
 SUITE 100-107
 ELLIKOTT CITY, MD 21043
 (301) 461-9563



GRAVITY SEWER SERVICE AVAILABLE TO BASEMENT BY RUNNING CONNECTION THROUGH FOOTING AS SHOWN.

SEPTIC SYSTEM DATA

INV. @ HOUSE 469.75 @ 1.0% ✓
 +BSMT

SEPTIC TANK

EX. GRADE 468.75 ✓
 FIN. GRADE 468.75 ✓
 INV. IN 469.5 ✓
 INV. OUT 469.2 ✓

DISTRIBUTION BOX

EX. GRADE 468.0 ✓
 FIN. GRADE 468.0 ✓
 INV. IN 465.1 ✓
 INV. OUT 465.1 ✓

TRENCHES

(LENGTH AND NUMBER TO BE DETERMINED BY HOWARD COUNTY HEALTH DEPARTMENT)

	TRENCH #1	TRENCH #2
EX. GRADE	468.0 ✓	467.0 ✓
FIN. GRADE	468.0 ✓	467.0 ✓
INV. IN	465.0 ✓	464.0 ✓

1/2' shallow for

BWDG. PERMIT SIGNED
 AND RETURNED 5-10-89
 BP 25529
 SAR

SITE PLAN
LOT 3
MEADOWOOD PAT # 1007

HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30'
 DATE: APRIL 18, 1989