

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

06-415229

ELLICOTT CITY

DISTRICT 1st.

10/2/82

NOON PLEASE

DATE Oct. 18, 1982

INDEX

Herman Sirk

IS PERMITTED TO INSTALL ALTER

ADDRESS 2555 Jennings Chapel Road, Woodbine, Md. 21797 PHONE 489-4724

SUBDIVISION _____ ROAD 8342 Old Montgomery Rd. LOT _____

PROPERTY OWNER John W. Miller, Jr. (Earl L. Leech)

ADDRESS _____

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

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

DEEP TRENCH DEPTH 10 FEET, BOTTOM AREA _____ SQ. FT.

Dry Well & Trench

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

INLET PIPE 8 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 4 1/2-10 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 30-35 FT. FROM right LOT LINE AND 118 FT. FROM rear LOT LINE AS SEEN WHEN

FACING LOT FROM Old Montgomery road.

1 - 90' trench, 5 1/2' stone.

PLANS APPROVED BY Frank Skinner DATE 8/6/82

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.

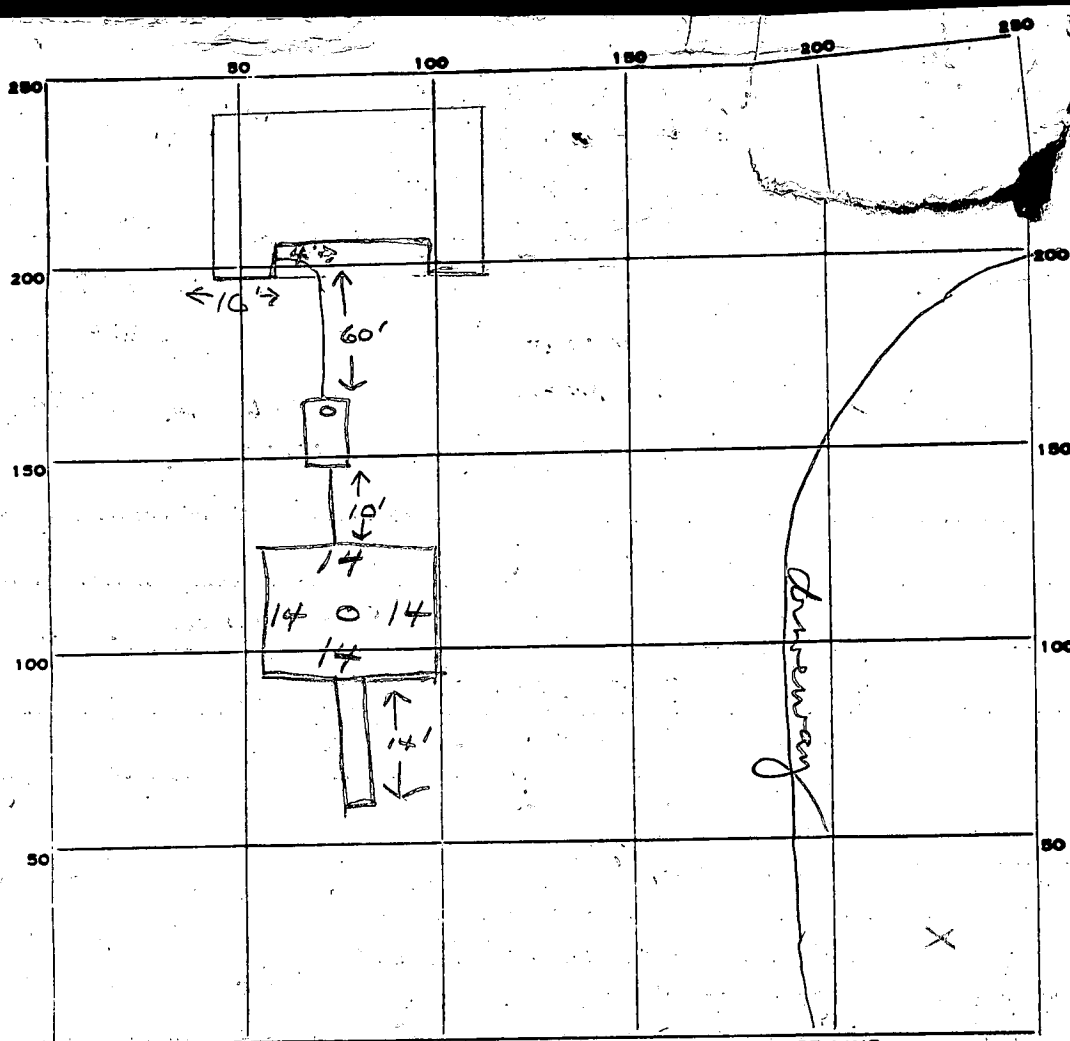
PERMIT VOID AFTER THREE YEARS.

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.**

approved 10/2/82
Stager P 32249
A 32011

A 32011



INDICATE NORTH: - NAME ADJOINING ROADWAY AS BASE LINE.

Old Montgomery Rd.

PERMIT CARD _____

SEPTIC TANK, LEVEL

CLEANOUTS ST DW

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 1/2 IN. TOTAL LENGTH 14 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 77

SEEPAGE PITS, INSIDE DIAMETER 56 FT. DEPTH BELOW INLET 5 1/2 FT.

ABSORBENT AREA 385 SQ. FT.

REMARKS 10/21/82 OK to cover all work. J

5.5
14
220
55
770

56
55
280
3040
77

DATE SYSTEM APPROVED 10/21/82

INSPECTOR Stayer

B 1 6904 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-73-4242

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

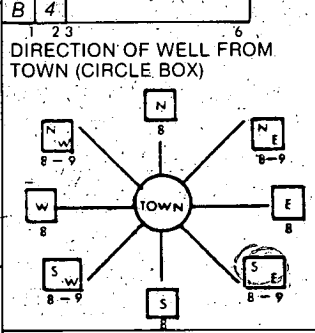
please print or type

fill in this form completely

Date Received 8/11/82 9:30 AM 080282 (OEP Use Only) OWNER INFORMATION DAYLE ZMC 4994 BEAVERBROOK COLUMBIA MD 21044

LOCATION OF WELL COUNTY HOWARD SUBDIVISION John Miller property SECTION 23 LOT 1 NEAREST TOWN COLUMBIA MILES FROM TOWN 2

DRILLER INFORMATION SANDY B. COCHRAN 120 77 License No. 80 G. EDGAR HAER SONS' CORP. COCKEYSVILLE, MD 21030

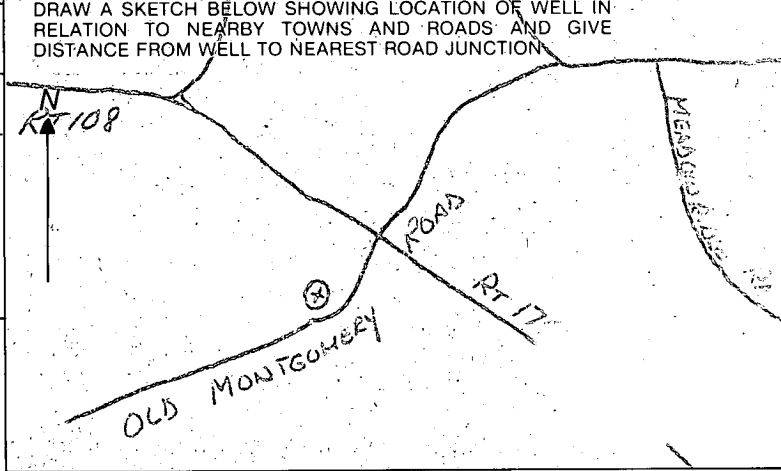


8350 OLD MONTGOMERY RD NEAR WHAT ROAD ON WHICH SIDE OF ROAD 80 DISTANCE FROM ROAD 34

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. LOCATION OK 25' CASING 1' ABOVE GROUND 24' OPEN 8 BAGS CEMENT

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)



APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one) BORED (OR AUGERED) JETTED JETTED & DRIVEN AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE ROTARY DRIVE POINT

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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A32011 COUNTY NO.

Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP FORCE ES WRITE INITIALS IN BOX PERMIT No. HO-73-4242

OEP SIGNATURE DATE ISSUED CO SIGNATURE STATE HEALTH DEPARTMENT APPROVAL NORTH GRID 499 EAST GRID 0856 EXPIRES 020283

SPECIAL CONDITIONS 8-63

730-1063

C1 - 3239

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A32011

Date Received (OEP use only)

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

080982

100' (TO NEAREST FOOT)

HO-73-4242

OWNER Davle Inc. last name first name STREET OR RFD Old Montgomery Rd. TOWN Columbia SUBDIVISION John Miller Property SECTION LOT 1

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: OVERBURDEN (0-7), BROWN SHALE (7-26), GRANITE (26-100 X).

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 8 NO. OF POUNDS 800 GALLONS OF WATER 45 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 28 ft.

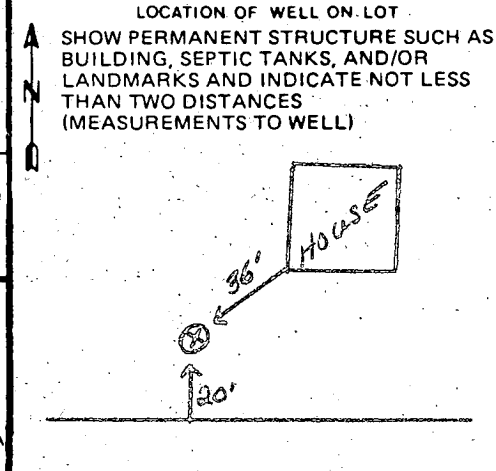
CASING RECORD: MAIN CASING TYPE (ST) 6 inch diameter, 28 feet total depth. OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD: screen type or open hole (HO) 28 inch diameter, 100 feet depth. SLOT SIZE 2 3.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F) OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST: C 3 (seq no) HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 15.0 METHOD USED TO MEASURE PUMPING RATE SUBMERSIBLE WATER LEVEL (distance from land surface) BEFORE PUMPING 25' WHEN PUMPING 29' 1/2" TYPE OF PUMP USED (for test) submersible

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (Y) (N) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE. TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) 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



CIRCLE APPROPRIATE BOX: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED 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. 120 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign of driller or journeyman, responsible for sitework if different from permittee)

APPLICATION

32011

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 1st

DATE 7/6/82

A _____

P _____

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 John W. Miller, Jr. - (Earl L. Leech)

ADDRESS _____ PHONE Leech - 995-0726

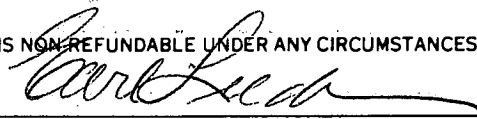
PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 8342 Old Montgomery Road

SIZE OF LOT 1 or 2 acres to be subdivided off 7 acres TYPE BLDG. 3 or 4 bedrooms
(NUMBER OF BEDROOMS)

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.



(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

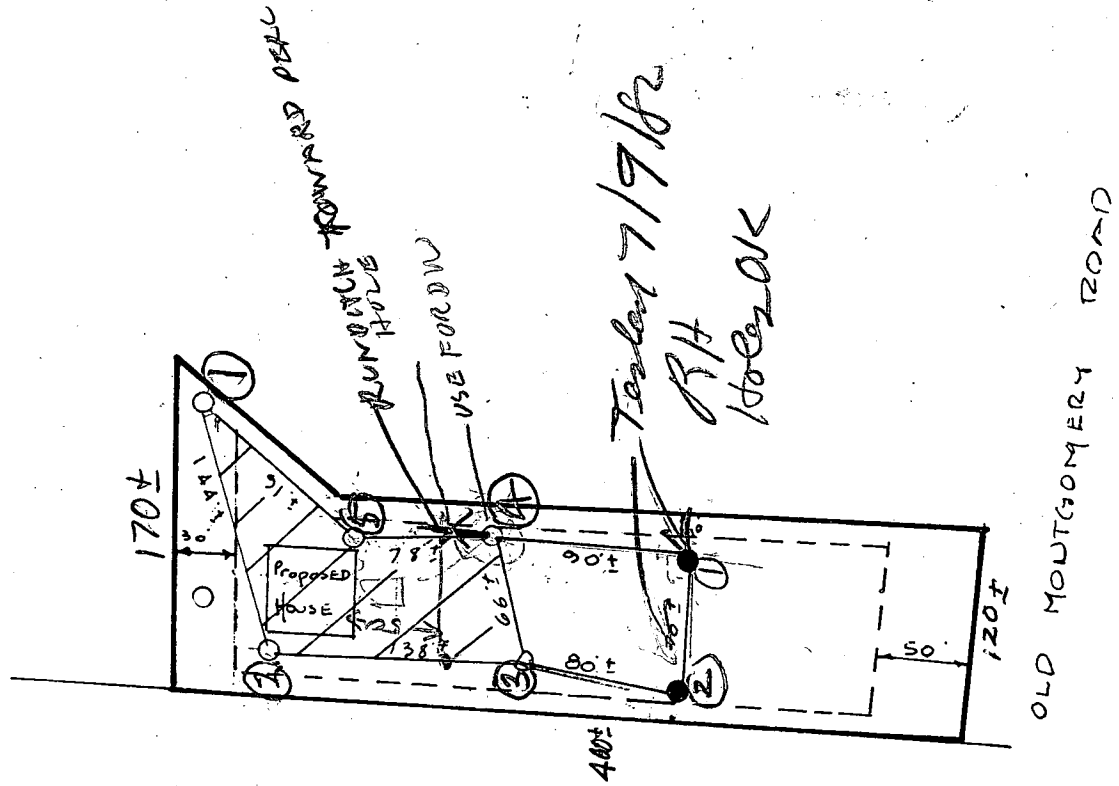
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

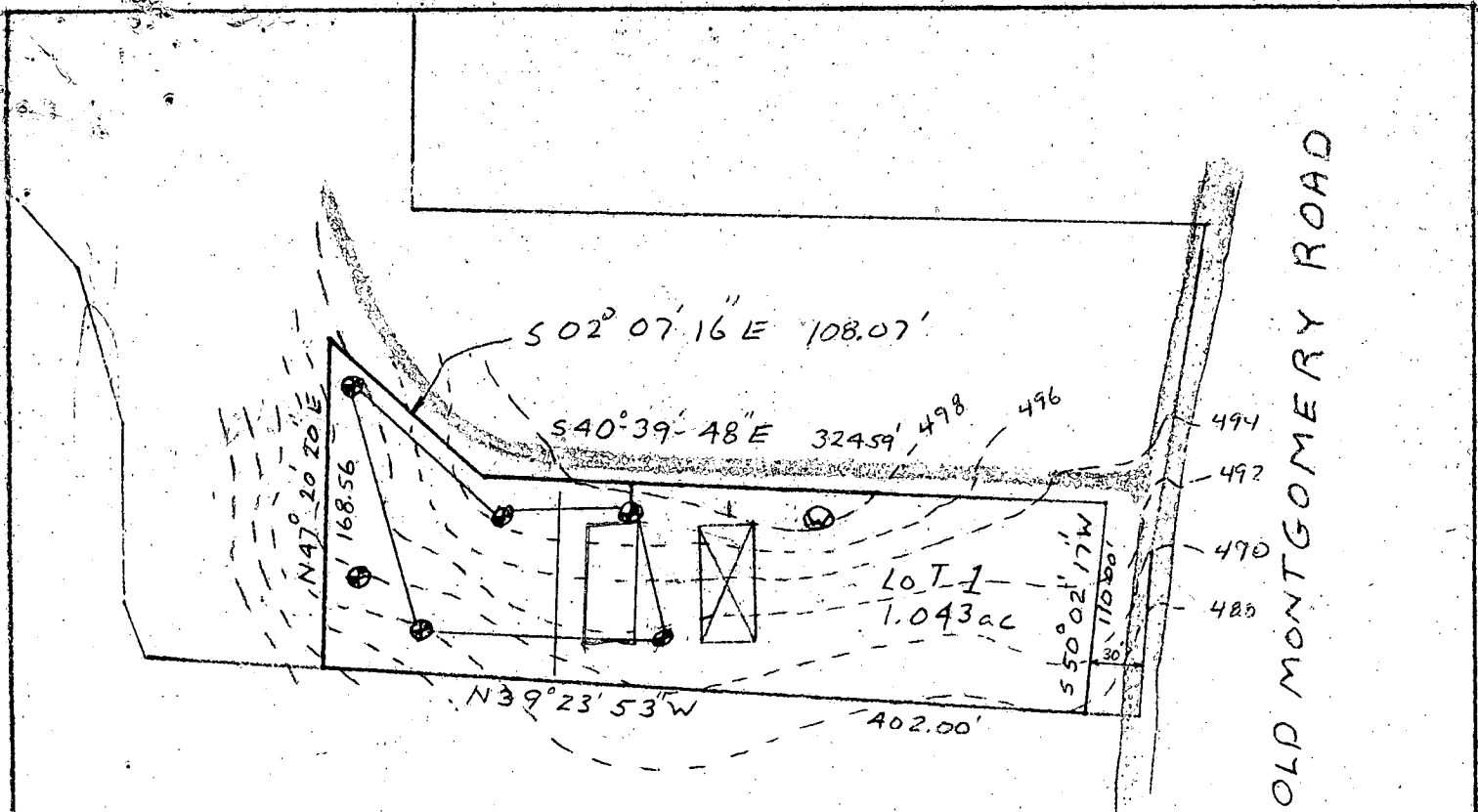
A32011



- EXISTING PERC HOLES
- BUILDING RESTRICTION LINES
- NEED NEW PERC HOLES

HUDKINS ASSOCIATES, INC.
 SUITE 231, JOSEPH SQUARE
 5435 HARPERS FARM ROAD
 COLUMBIA, MD 21044

JOHN W. MILLER PROPERTY
 6th ELECT. DIST. HOWARD CO. MD
 SCALE 1"=100' 6/30/1982



NOTE: This drawing shows the field located perc test holes for a proposed one lot minor subdivision of the land owned by John W. Miller by a deed dated 11/1/77 and recorded in liber 660 at folio 667 situated in 6th election district of Howard County Maryland.

Tax Map #37 Parcel #43

This plat for your use & files. The perc field will be shown on the final record plat for signature.

Carl

Carl Hudgins
 J. Carl Hudgins PLS#96

PERC LOCATION DRAWING
 FOR
 PROPOSED LOT #ONE
 JOHN W. MILLER PROPERTY
 Scale 1"=100'
 Date 9/18/81

10/2/81 } Hold for record plat }
 C.B.d

PRELIMINARY

APPLICATION

8/31/81
8/28/81
9:30 A.M.
Cancelled
Machine broke down

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 31591

P _____

DISTRICT 1st

DATE 8/21/81

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 John^W Miller JR

ADDRESS _____ PHONE Olen Ketterman - 442-1336

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 8342 Old Montgomery Road COL, MD. 21046

SIZE OF LOT 1 or 2 acres to be subdivided off 7 acres TYPE BLDG 3 or 4 bedrooms
(NUMBER OF BEDROOMS)

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.

Olen L. Ketterman
(SIGNATURE OF APPLICANT)

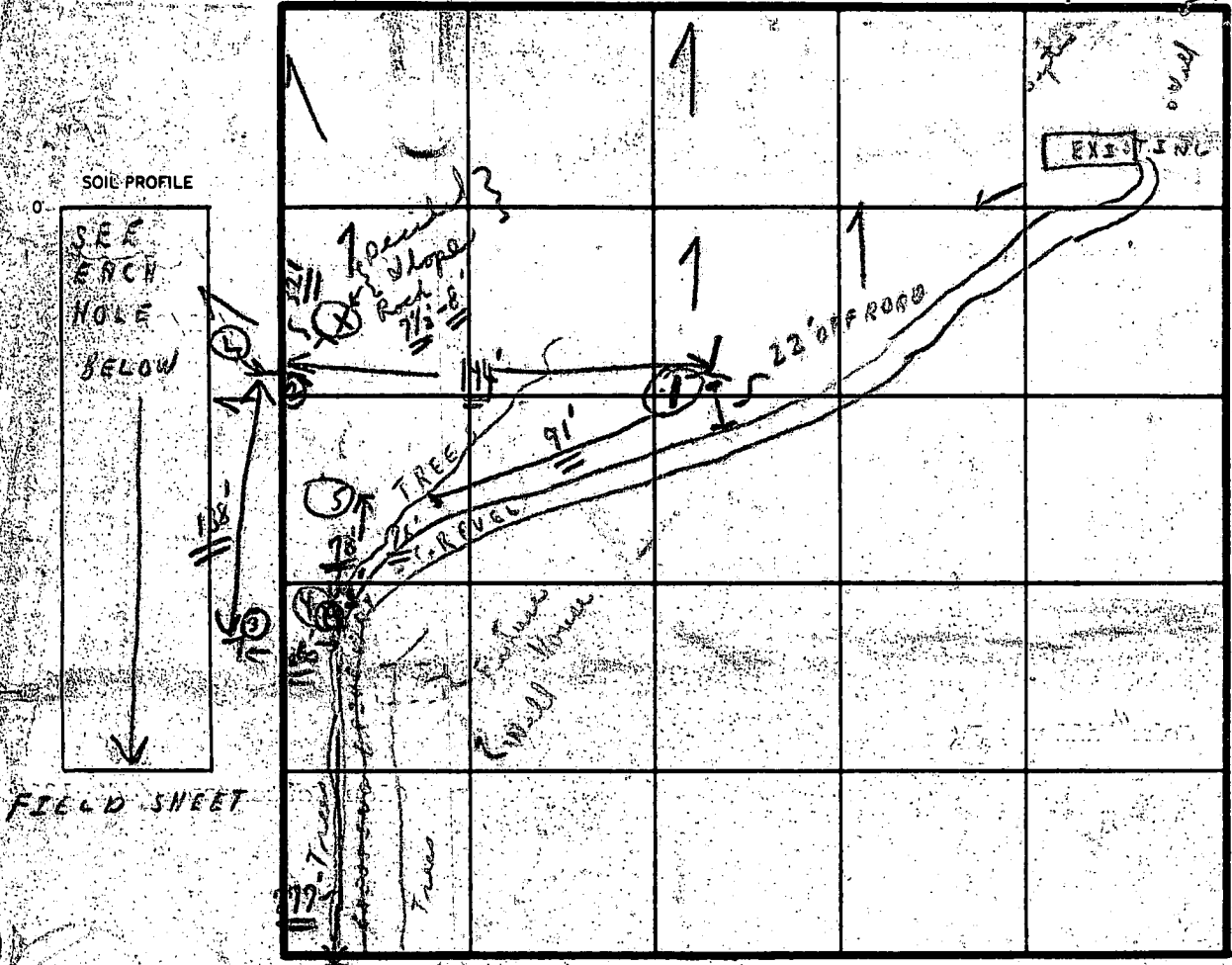
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8/31/81 Hold for certified holes; send memos
9/1/81 Certified Holes Memos prepared and sent via secretary
C. B. S.

THIS IS NOT A PERMIT



EDGE \swarrow INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 O.R.D. MONTGOMERY ROAD

SOIL PROFILE

SEE EACH HOLE BELOW

1' - 3 1/2" CLAY

3' - SANDY LOAM 8 1/2"

1' - 4" CLAY

4' - 9" LOAM

1' - 3 1/2" CLAY

3 1/2' - 8 1/2" SANDY LOAM

1' - 5" CLAY

5' - 13' LOAM + ROTTEN SAND & STONE

1' - 5" CLAY

5' - 13' LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
8/31/81	1 S	3'	11:04	11:06	11:06	11:08	2 min
	1 D	8 1/2'	11:07	11:09	11:09	11:11	2 min
	2 S	4'	11:14	11:17	11:17	11:22	5 min
	2 D	9'	11:14	11:16	11:16	11:18	2 min
	3 S	3 1/2'	12:28	12:30	12:30	12:33	3 min
	3 D	8 1/2'	12:28	12:30	12:30	12:32	2 min
	4 S	5'	12:35	12:37	12:37	12:40	3 min
	4 D	9 1/2'	12:35	12:37	12:37	12:41	4 min
	5	13'	{ 1:50 } { 5:13 }	LOAM	Visual		

INLET MAN
 4' 6000
 SOIL 5'

DUG TO }
 13' }
 40 AM

DUG TO }
 13' }

REMARKS { Machines - 11:20 } HOLD FOR { (1) PLOT WITH PROP. LINES
 10:00 - 10:45 } { (2) HOUSE SITE
 TYPE OF SOIL _____ { (3) WATER WELL SITE
 TESTED BY C.B.A. _____ { SEWAGE DISPOSAL AREA CERT.
 NOTES { O. KETTERMAN }
 ALSO PRESENT { SR. J.P.P. }
 4 holes to D/W

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
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Olen L. Ketterman
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

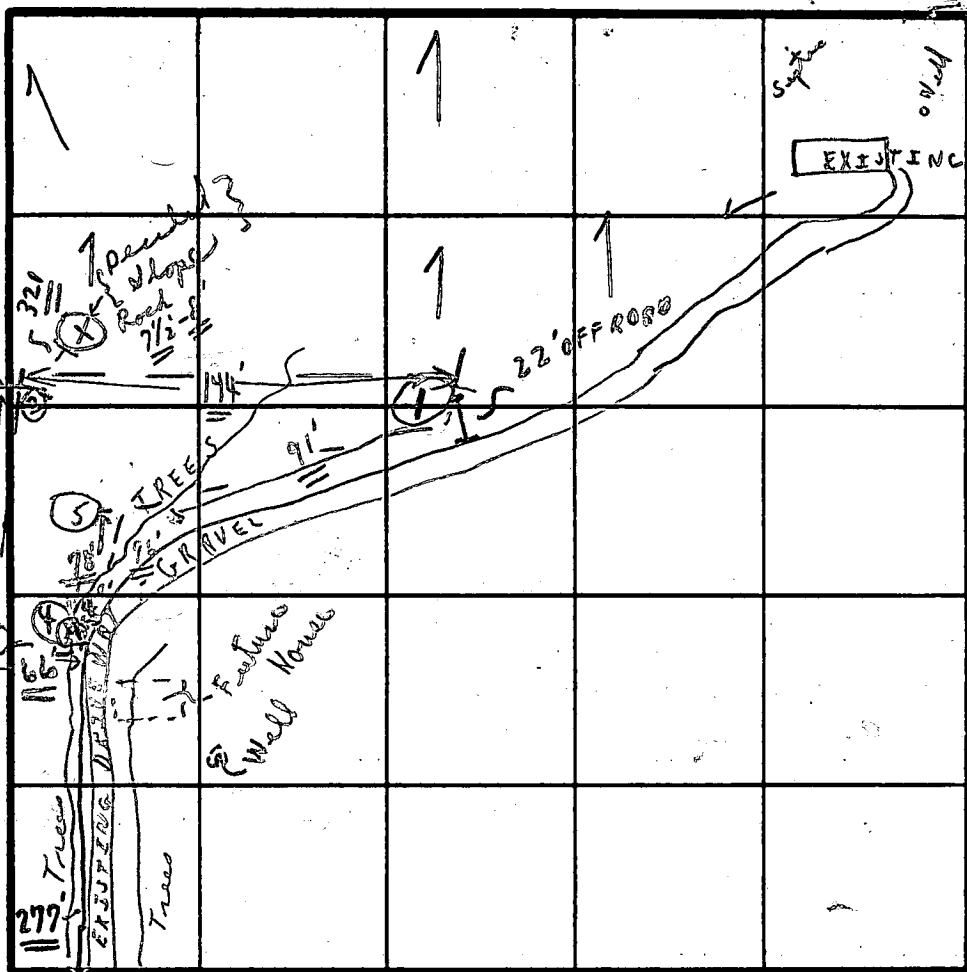
REASONS FOR REJECTION OR HOLDING 8/31/81 Hold for certified holes; send memos
9/1/81 Memos prepared

THIS IS NOT A PERMIT

SOIL PROFILE

SEE EACH HOLE BELOW

FIELD SHEET



EDGE OLD MONTGOMERY ROAD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

1' - 3/4 CLAY

3' SANDY LOAM 8 1/2'

1' - 4 1/2 CLAY

9' - 9 LOAM

1' - 3 1/2 CLAY

3 1/2' - 8 1/2 SANDY LOAM

1' - 5' CLAY

5' - 13' LOAM

ROTTON SAND & STONE

1' - 5' CLAY

5' - 13' LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/31/81	1 s	3'	11:04	11:06	11:06	11:08	2 min
	1 b	8 1/2'	11:07	11:09	11:09	11:11	2 min
	2 s	4'	11:14	11:17	11:17	11:22	5 min
	2 b	9'	11:14	11:16	11:16	11:18	2 min
	3 s	3 1/2'	12:28	12:30	12:30	12:33	3 min
	3 b	8 1/2'	12:28	12:30	12:30	12:32	2 min
	4 s	5'	12:35	12:37	12:37	12:40	3 min
	4 b	9 1/2'	12:35	12:37	12:37	12:41	4 min
	5	13'	{ 1'-5' clay } { 5'-13' LOAM		Visual		}

INLET MAR

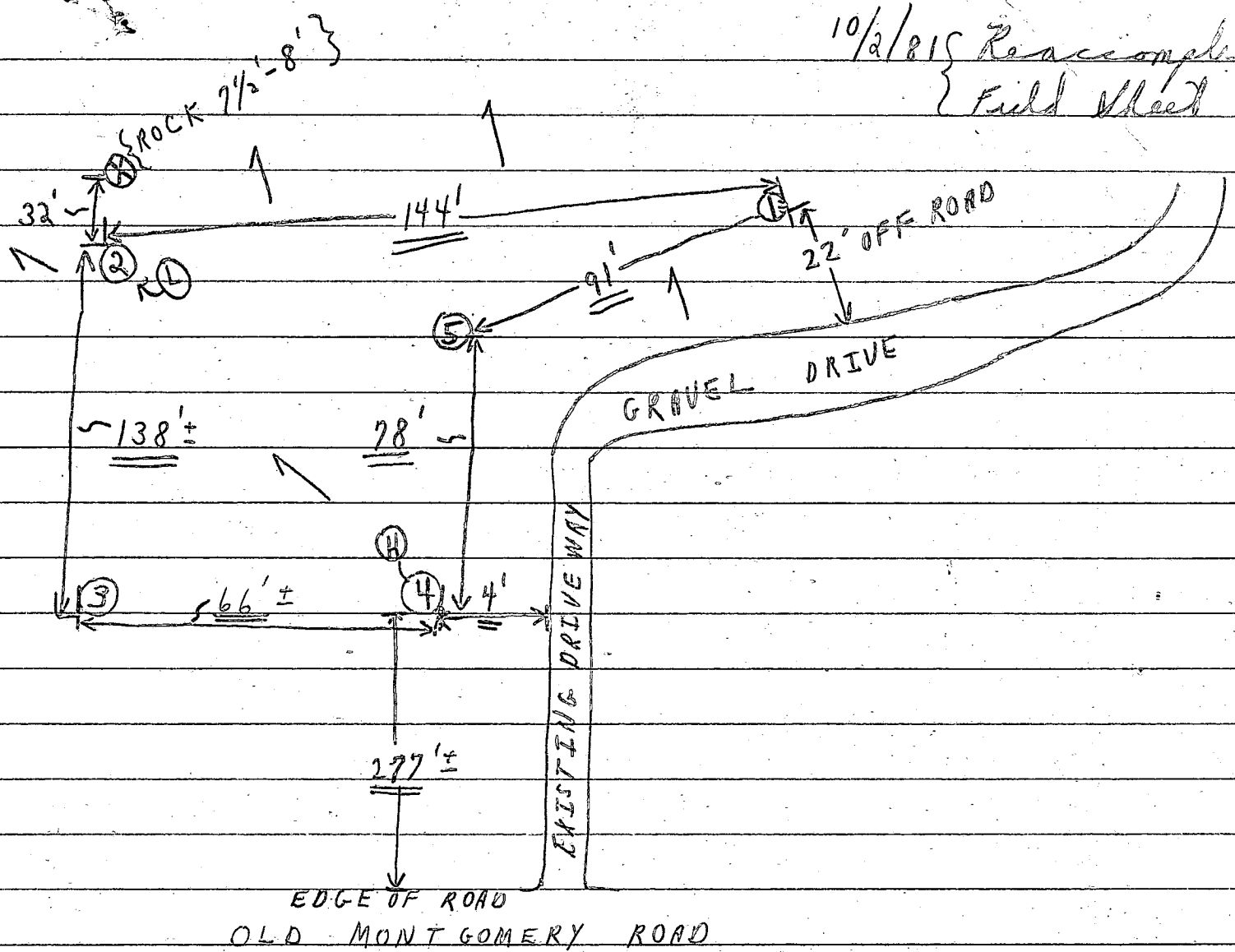
4' GOOD SOIL 5' -

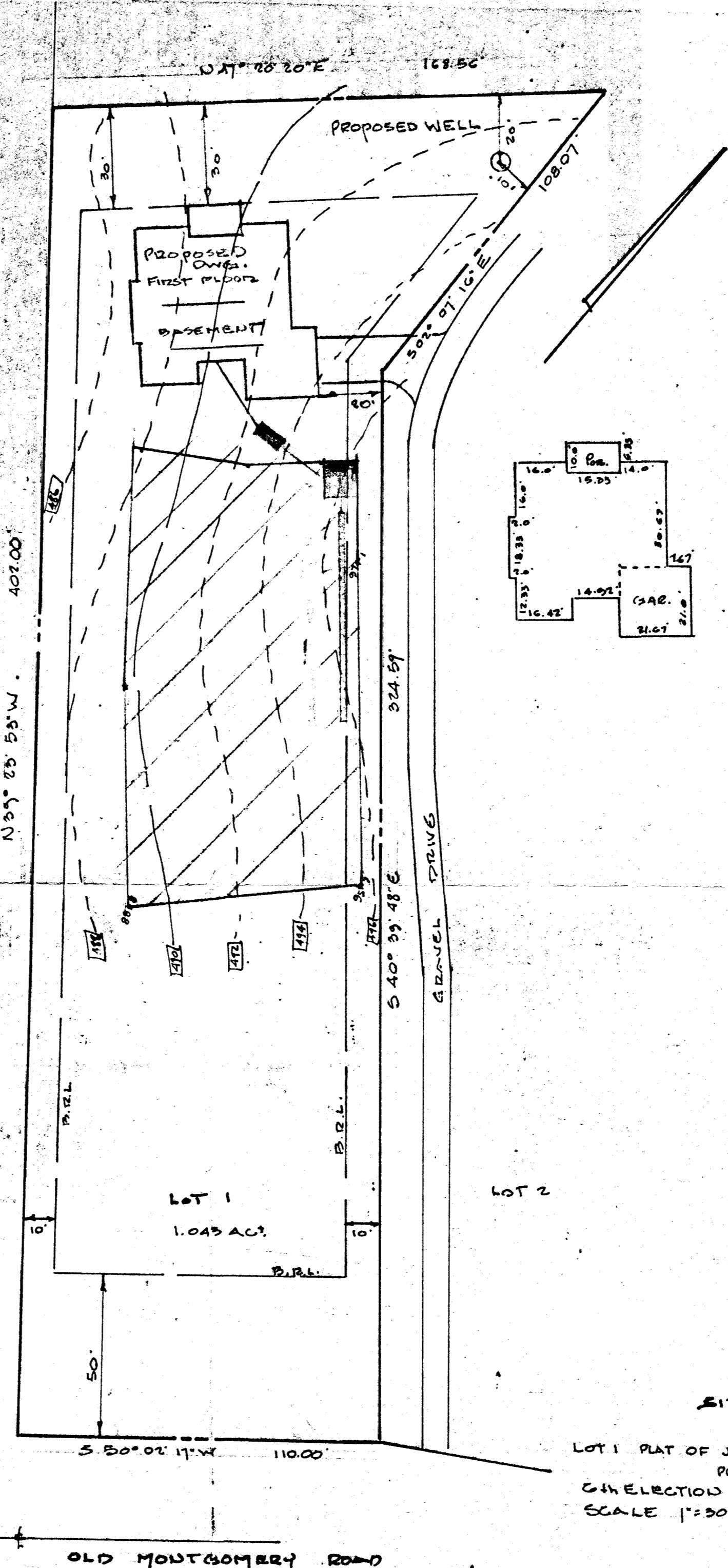
DUG TO 13' LOAM

DUG TO 13'

REMARKS { Machines - plow } HOLD FOR { (1) PLOT - WITH PROP. LINES }
 { 10:00 - 10:45 @ site } { (2) HOUSE SITE }
 TYPE OF SOIL { (3) WATER WELL SITE }
 TESTED BY C. B. J. { (4) SEWAGE DISPOSAL AREA + CERT. }
 ALSO PRESENT NOLES { O. KETTERMAN }
 { SR. + JR. }
 #4 Hole to D/W
 4' from

10/2/815 Re-accomplished
Field Sheet





8/2/82
Well site
OK J.S.

SEPTIC SYSTEM DATA

INV. AT HOUSE :

SEPTIC TANK

EX. GRADE :
FID. GRADE :
INV. IN :
INV. OUT :

DRYWELL

EX. GRADE :
FID. GRADE :
INV. IN :
INV. OUT :

TRENCH

EX. GRADE :
FID. GRADE :
TOP STONE :
INV. IN :
BOTTOM OF STONE :

WELL

EX. GRADE : 493.00
FID. GRADE : 495.00

SITE PLAN

LOT 1 PLAT OF JOHN W. MILLER PROPERTY
PLAT # 5257
6th ELECTION DISTRICT HOWARD CO. MD
SCALE 1"=30'
JULY 29, 1982

OLD MONTGOMERY ROAD

HOOKERS ASSOCIATES INC
EDGEMOND - SURVEYORS
231 JOSEPH SQUARE
COLUMBIA, MD. 21044

HEALTH DEPT

SEPTIC SYSTEM DATA

INV. AT HOUSE : 492.26

SEPTIC TANK

EX. GRADE : 492.00
 FIN. GRADE : 496.00
 INV. IN : 492.00
 INV. OUT : 491.67

DRYWELL (15x15)

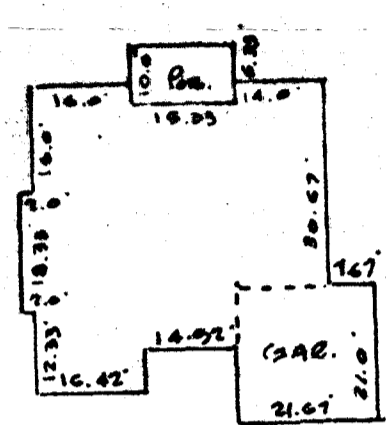
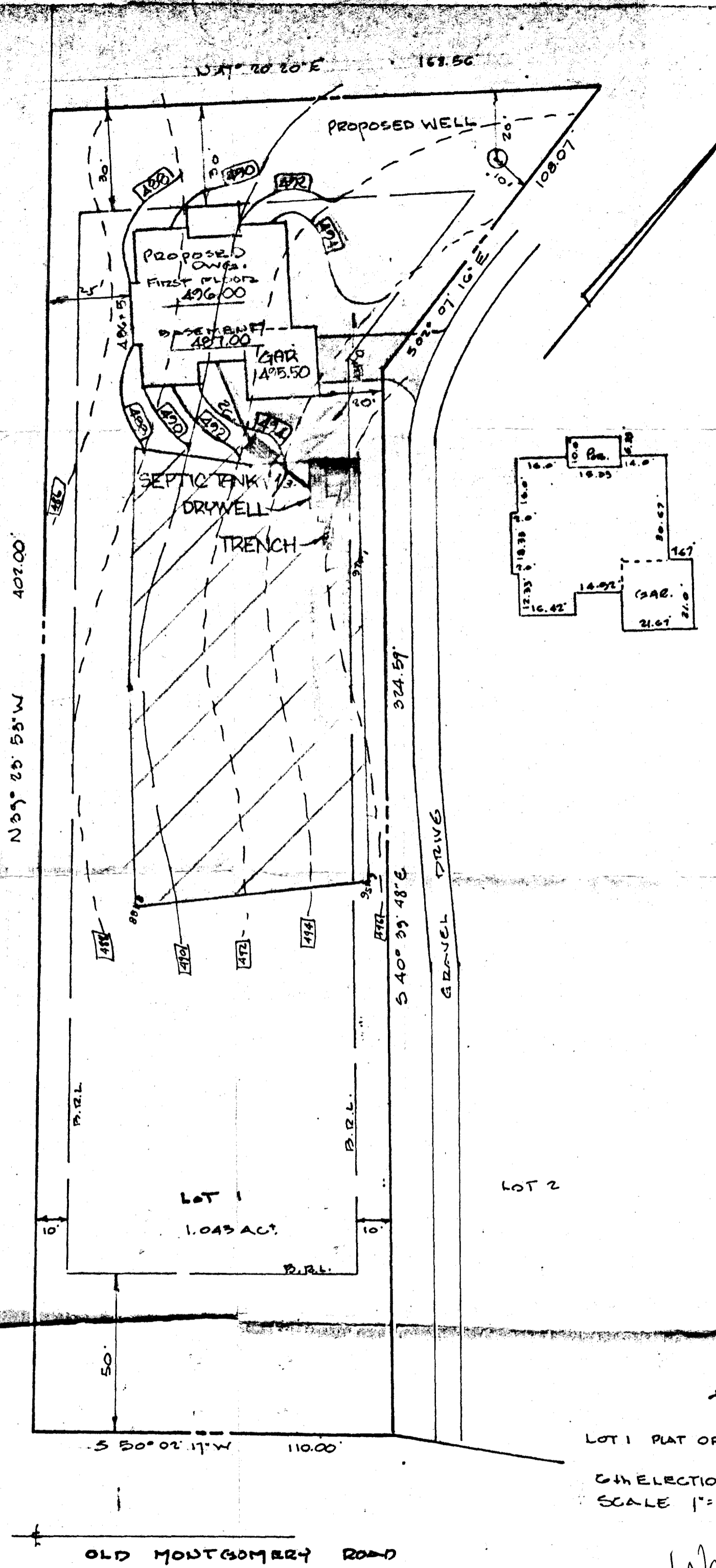
EX. GRADE : 496.00
 FIN. GRADE : 496.00
 INV. IN : 491.50
 INV. OUT : 491.50

TRENCH (2' WIDE, 6' LONG)

EX. GRADE : 496.00
 FIN. GRADE : 496.00
 TOP STONE : 491.50
 INV. IN : 491.00
 BOTTOM OF STONE : 486.00

WELL

EX. GRADE : 493.00
 FIN. GRADE : 493.00



SITE PLAN

LOT 1 PLAT OF JOHN W. MILLER PROPERTY
 PLAT # 5237
 6th ELECTION DISTRICT HOWARD CO. MD
 SCALE 1"=50'
 JULY 25, 1982

Wall Check



HUBBARD ASSOCIATES INC
 ENGINEERS - SURVEYORS
 201 JOSEPH SQUARE
 COLUMBIA, MD 21044