

Old Calculation. Please INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000 gal Mid Sec CLEANOUTS S.T.
 DISTRIBUTION BOX LEVEL OKV
 DRAIN FIELD/TITLE DEPTH 7' FT. TRENCH WIDTH 2' FT. INLET DEPTH 3' FT.
 EFFECTIVE GRAVEL DEPTH 4' FT. TOTAL LENGTH 65'/70' FT.
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 560 SQ. FT.
 DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS: good hydrolic cement seals on S.T. pipe connections. House connection OK.
Open north of trench OK to continue gravel filling, call behind location. RJP 10/29/98
Final Trenching OK to Cover all work. RJP 10/29/98

10/29/98 WPS - Please check water line OK to 4' RJP 10/29/98
 DATE SYSTEM APPROVED 10/29/98 INSPECTOR RJP

APPLICATION

PERCOLATION TESTING

A 59945
P _____

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

*applicant uncertain of precise
specific Area to Test, as discussed
Probably no water/sewer restrictions
For two most likely Areas to Perk,
Based on owner's proposed house & know-sites.
4/15/98*

DISTRICT _____
DATE 4-15-98

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 Whetzel

ADDRESS 8380 Old Columbia Pike PHONE 301-953-1658
Laurel, MD 20723

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Super Property LOT NO 11

ROAD AND DESCRIPTION on West Side of Old Columbia Pike (see Tax Map Reference)
(8470 Old Columbia Road)

TAX MAP 46 PARCEL # 332

SIZE OF LOT 10.06 Acres TYPE BLDG SFD - 3Brm
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED
AND RETURNED 8-20-98**
Serial # 210113640

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 _____

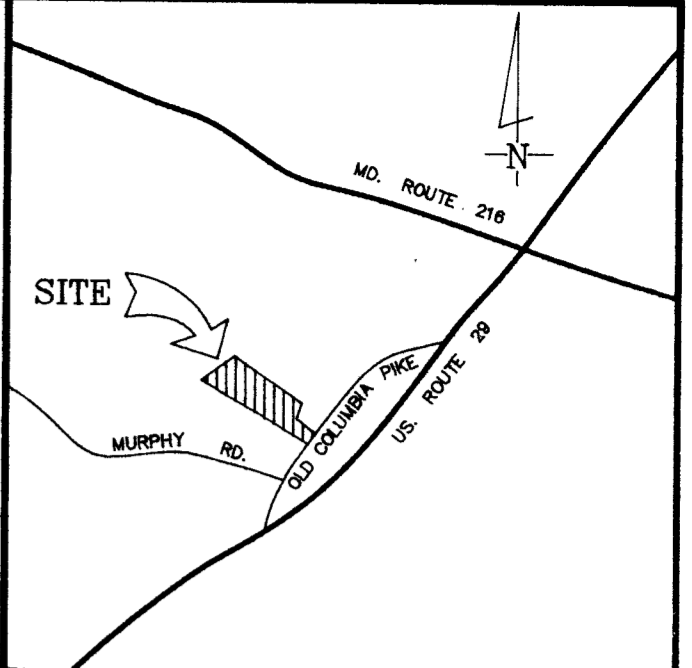
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

HD-216



VICINITY MAP
Scale: 1" = 2000'

M.E. SCAGGS
L185 F163

M.E. SCAGGS
L146 F156

SOPER PROPERTY
LOT 9
PLAT NO. 4382

SOPER PROPERTY
LOT 10

SOPER PROPERTY
LOT 11

Notes:

1. There are no wells or septic systems within 100 ft of the property's house hereon.
2. Ⓟ Designates Perc Test which passed.
3. Well to be drilled prior to release of Building permit
4. Top on "partial plan" was field run from Howard County Datum.
5. [Hatched Area] This area designates a private sewage easement of at least 10,000 sq ft, as required by the Maryland Dept of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewer is available. This easement shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recodation of a modified sewage easement plat shall not be necessary.

Total length of trenches required is to be determined at the time of the issuance of the permit.
Area to be disturbed = 0.1102 Ac.
Total Area = 10.0596 Ac.

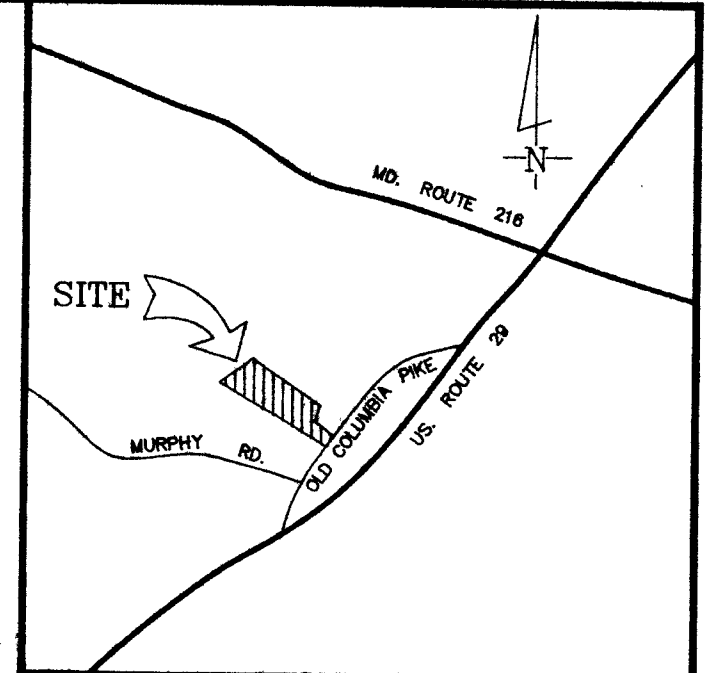
APPROVED: For Private Water & Private Sewer Systems.
Joyce M. Bond per *[Signature]* 7/20/98
HOWARD COUNTY HEALTH OFFICER DATE

SITE PLAN
Scale: 1" = 100'

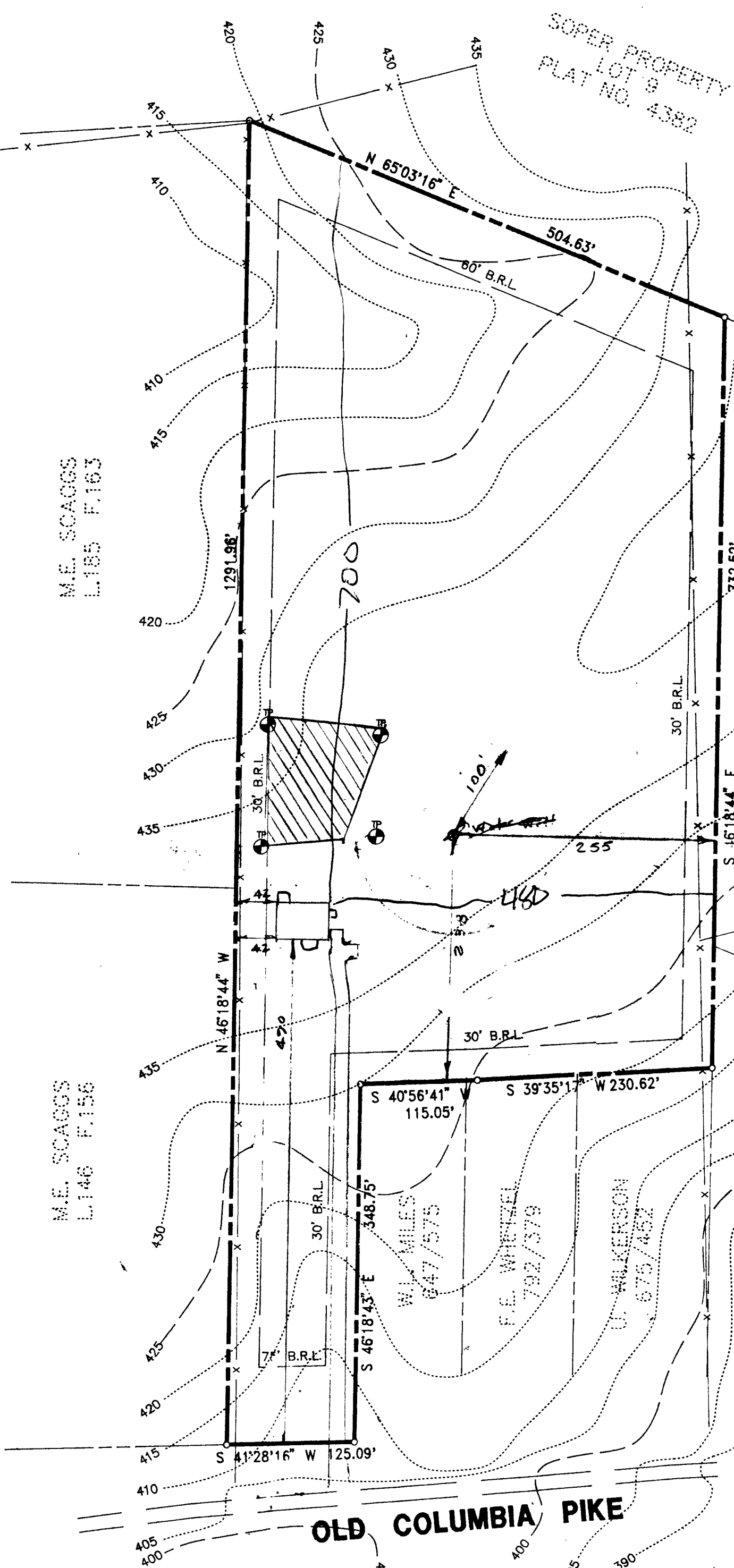
PARTIAL PLAN
Scale: 1" = 30'

PERC PLAT AND
SITE PLAN
LOT 11
SOPER PROPERTY
Fifth Election District
Howard County, Maryland
SCALE: AS SHOWN DATE: JUN. 1998
TAX MAP: 46 Per Info Added JULY, 1998

PREPARED BY:
THE J.E. CLARK COMPANY
LAND SURVEYING AND ENGINEERING
P.O. BOX 147 LAUREL, MARYLAND 20725
(301) 725-3442

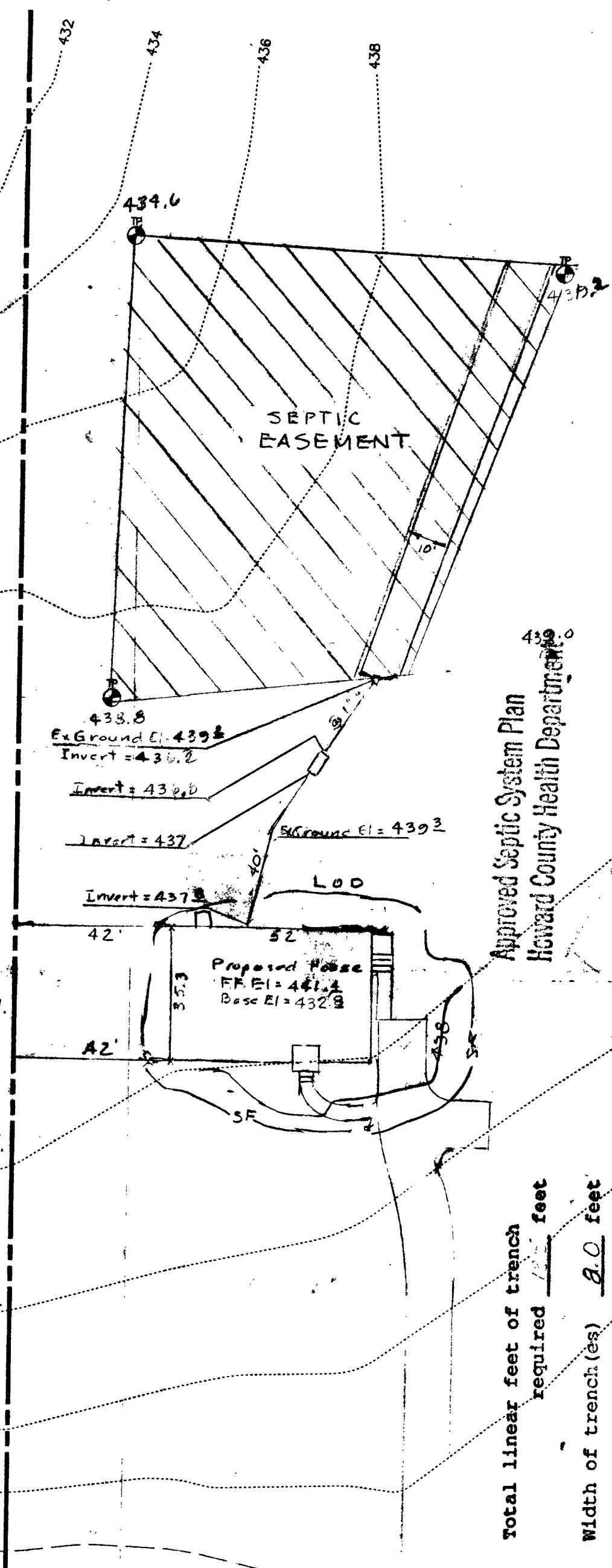


VICINITY MAP
Scale: 1" = 2000'



- Notes:
1. There are no wells or septic systems within 100' of the property shown hereon.
 2. Designates Perc Test which passed.
 3. Well to be drilled prior to release of Building permit.
 4. Top on 'partial plan' was field run from Howard County Datum.
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Total length of tranches required is to be determined at the time of the issuance of the permit.
 Area to be disturbed = 0.1102 Ac.±
 Total Area = 10.0596 Ac.±



Total linear feet of trench required 170 feet
 Width of trench (es) 8.0 feet
 Depth of trench (es) 7.0 feet
 Depth of stone required below distribution pipe 4.0 feet

Approved Septic System Plan
 Howard County Health Department
 Signature: *[Signature]*
 Date: 8/20/98

M.E. SCAGGS
L185 F.163

M.E. SCAGGS
L146 F.156

SITE PLAN
Scale: 1" = 100'

APPROVED: For Private Water & Private Sewer Systems.
Joyce M. Bond
 HOWARD COUNTY HEALTH OFFICER
 DATE: 7/20/98

PARTIAL PLAN
Scale: 1" = 30'

PERC PLAT AND SITE PLAN
 LOT 11
SOPER PROPERTY
 Fifth Election District
 Howard County, Maryland
 SCALE: AS SHOWN DATE: JUN.1998
 TAX MAP: 46 Per Info Added JULY, 1998

PREPARED BY:
 THE J.E. CLARK COMPANY
 LAND SURVEYING AND ENGINEERING
 P.O. BOX 147 LAUREL, MARYLAND 20725
 (301) 725-3442

C1 4150

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER
WELL IS COMPLETED.

COUNTY NUMBER A 59945

ST/CO USE ONLY
DATE RECEIVED
MM DD YY
8 13 13

DATE WELL COMPLETED
MM DD YY
8 13 98

Depth of Well
22 420 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO 94 1657
28 29 30 31 32 33 34 35 36 37

OWNER Whetzel Betty
STREET OR RFD Old Columbia Pike TOWN Edilton
SUBDIVISION Super Property SECTION _____ LOT 11

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		check if water bearing
	FROM	TO	
<u>Sand</u>	<u>0</u>	<u>56</u>	
<u>Gray Mica Rock</u>	<u>56</u>	<u>420</u>	<input checked="" type="checkbox"/>

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT BENTONITE CLAY
NO. OF BAGS 18 NO. OF POUNDS 7692
GALLONS OF WATER 108
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft to 55 ft
(enter 0 if from surface)

CASING RECORD
Casing types insert appropriate code below
 S STEEL C CONCRETE
 P PLASTIC O OTHER

MAIN CASING TYPE ST Nominal diameter top (main casing) (nearest inch) 6 Total depth of main casing (nearest foot) 60

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

SCREEN RECORD
screen type or open hole S STEEL B BRASS H OPEN HOLE
 P PLASTIC O OTHER

DEPTH (nearest ft.)
420

NUMBER OF UNSUCCESSFUL WELLS 0
WELL HYDROFRACTURED YES NO
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 D 024
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
LIC. NO. MS D 027

GRAVEL PACK 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
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 5.8
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 41 ft
WHEN PUMPING 221 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 (CIRCLE) (YES or 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) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE
- below } (nearest foot) 1

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 6763

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1657 fill in this form completely

Date Received (APA) 07/27/98

OWNER INFORMATION

W. Hetzel Lou Betty Last Name Owner First Name 34 11425 Scaggville Rd. Street or RFD 55 Laurel Md. 20723 Town State Zip 76

B 3

LOCATION OF WELL

Howard 8 COUNTY 21 Soper Property 23 SUBDIVISION 42 SECTION 44 46 LOT 11 48 50 Sulton 52 NEAREST TOWN 71

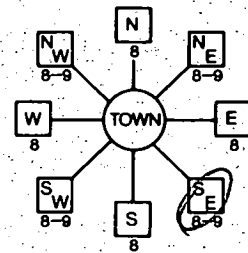
MILES FROM TOWN (enter 0 if in town) 2 M J 73 76 77 78

DRILLER INFORMATION

Joseph L. Maynor MSD 24 Driller's Name License No. 81 Joseph L. Maynor Well Drilling Firm Name 5512 Ridge Rd. Mt. Airy, Md. 21771 Address Joseph L. Maynor 7/24/98 Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Old Columbia Pike 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 650 37 DISTANCE FROM ROAD 38 39 ENTER-FT OR MI FT

TAX MAP: BLK: PARCEL

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
(F) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
(I) INDUSTRIAL, COMMERCIAL, DEWATERING
(P) PUBLIC WATER SUPPLY WELL
(T) TEST, OBSERVATION, MONITORING
(G) GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A50945 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 7/20/98 CO SIGNATURE EXP. DATE 7/26/99 NORTH GRID 475 000 EAST GRID 0826 000

APPROXIMATE DEPTH OF WELL 300 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH 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 other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL
(Y) THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
(S) THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
(D) THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 G.A.P. 63

PERMIT No. HO-94-1657 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

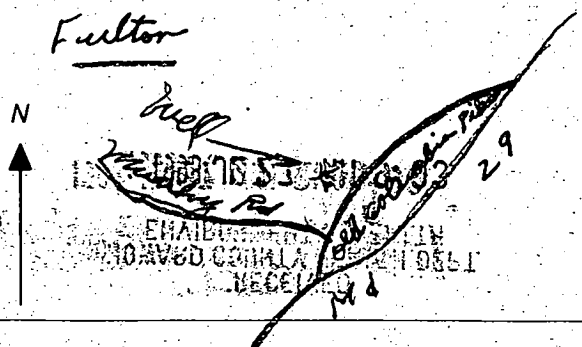
SOURCES OF DRILLING WATER

- 1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 82960 N 4765

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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
Replacement

Receipt #
Date 10/27/98

Name of Installer RWT, Inc.

Telephone 301 498 0138

License Number _____
Certified Well Pump Installer Well Driller _____ Registered Plumber _____

Name of Property Owner Betty Wozel Telephone _____
Subdivision _____ Lot # _____ Well Tag # 12-99-1457
Site Address 8400 Old Columbus Rd

Pump

1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible
2. Make Jansco
3. Model # _____
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes No _____
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 _____ Cable guards Other _____

Motor

1. Horsepower 1
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter

1. Make Hount
2. Model # _____
3. Depth 42"

Tank

1. Capacity _____
2. Pressure relief valve?

Piping

1. Type Galvanized
2. Size 1"
3. NSF and/or BOCA Code approved i
4. Depth of supply line 42"

Well data

1. Depth 420 ft.
2. Yield 5 GPM
3. Static water level 20 ft.
4. Will water supply be disinfected by installer?

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).

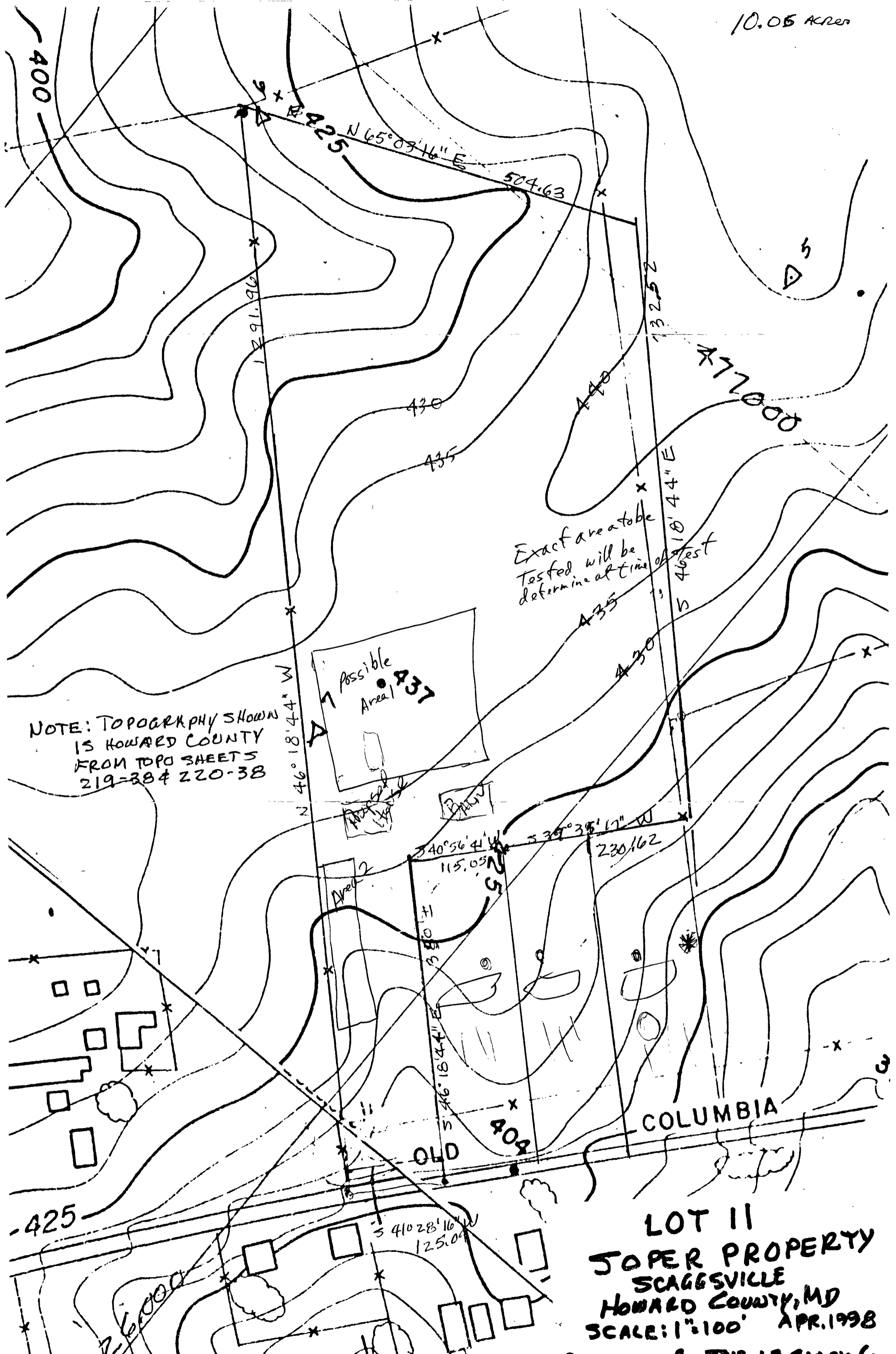
All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]

Date: 10/27/98

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

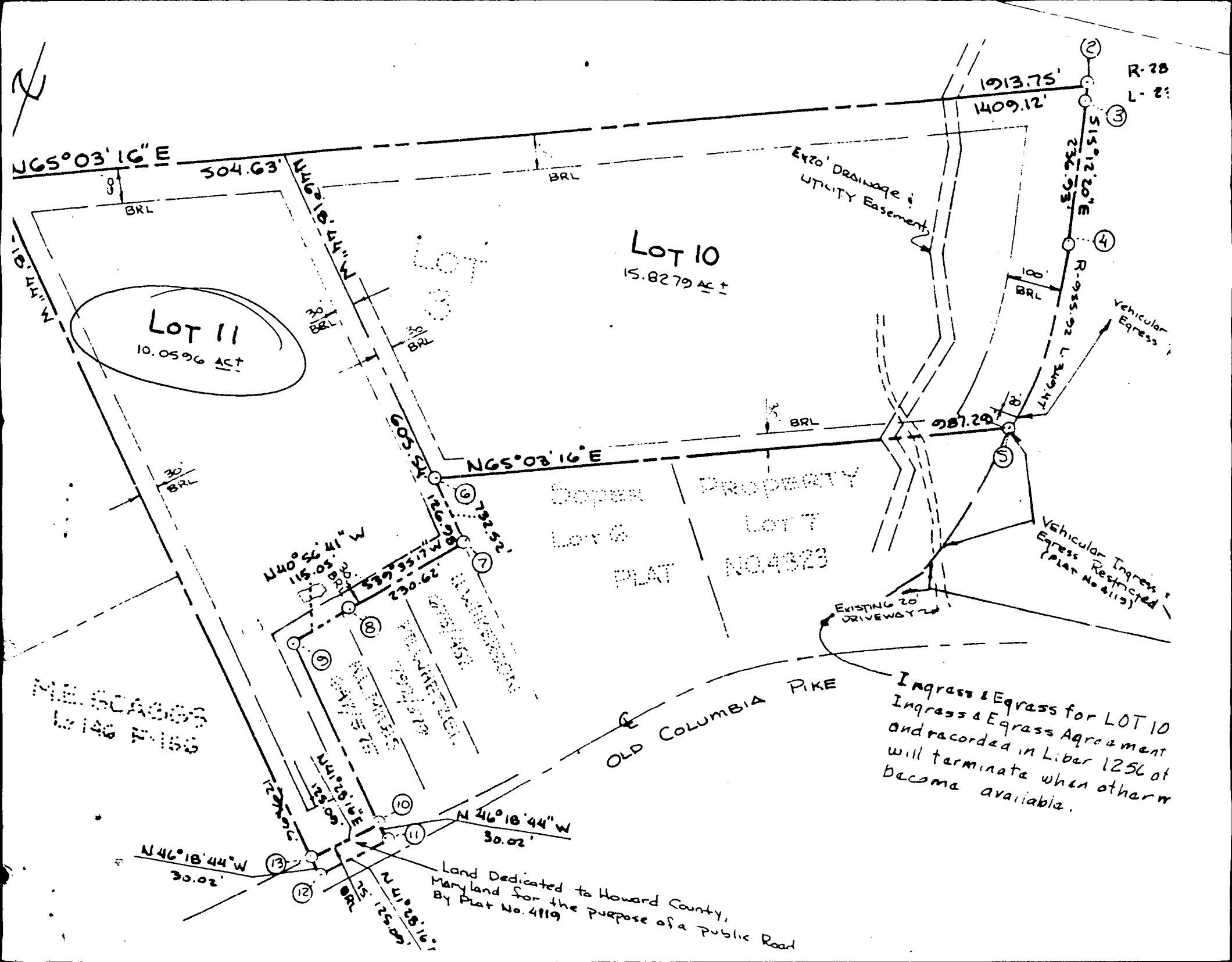
10.05 ACRES



NOTE: TOPOGRAPHY SHOWN IS HOWARD COUNTY FROM TOPO SHEETS 219-38 & 220-38

Exact area to be tested will be determine at time of test

LOT II
 JOPER PROPERTY
 SCAGGSVILLE
 HOWARD COUNTY, MD
 SCALE: 1"=100' APR. 1998
 DRAWN BY THE J.P. CLARK CO.



$N65^{\circ}03'16'' E$

504.63'

$N46^{\circ}18'44'' W$

LOT 10
15.8279 AC ±

LOT 11
10.0596 AC ±

$N65^{\circ}03'16'' E$

Doper
Lot 6
PLAT

PROPERTY
LOT 7
NO. 4323

$N40^{\circ}56'41'' W$
115.03'

$S39^{\circ}33'17'' W$
230.62'

$N26^{\circ}56'22'' E$
732.52'

OLD COLUMBIA PIKE

Ingress & Egress for LOT 10
Ingress & Egress Agreement
and recorded in Liber 1256 of
will terminate when other w
become available.

Land Dedicated to Howard County,
Maryland for the purpose of a public Road
By Plat No. 4119

$N46^{\circ}18'44'' W$
30.02'

$N46^{\circ}18'44'' W$
30.02'

$N46^{\circ}18'44'' W$
125.09'

1913.75'
1409.12'

$S15^{\circ}12'20'' E$
515.12.20'E
236.93'

R-7B
L-23

100'
BRL

R-955.92 L-2444
Vehicle Egress

987.29'

Vehicle Egress
Restricted
(PLAT No. 4119)

EXISTING 20'
DRIVEWAY

REL. 5048003
L-146 N-156

