

1-12-99
pm c.o.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-361393

P 511311

A 58117

DISTRICT 4th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

DATE 12-18-98

DATE SYSTEM APPROVED 1/12/99

INSPECTOR CW

INDEXED

J. Joseph Gartland IS PERMITTED TO INSTALL ALTER

ADDRESS 1835 West Old Liberty Road, Sykesville, Maryland 21784 PHONE 410-875-2400

SUBDIVISION Big Meadow Farm LOT 1 ROAD 17550 Annapolis Rock Road

PROPERTY OWNER Christopher & Chari Abb

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS TOP SEAMED TANK

NUMBER OF BEDROOMS 2/3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

BLDG. PERMIT SIGNED

AND RETURNED 2-2-99

Serial # B10115872

*Install 1-570 gal above ground
perpendicular*

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 6.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 50 feet off the 272' lot line, and 95 feet off the 162.33' lot line. Run trenches on contour towards the 162.33' lot line.

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

OK KM 9/3/98

PLANS APPROVED BY Glen Savage / Donna K. Soe

DATE 9/02/98

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

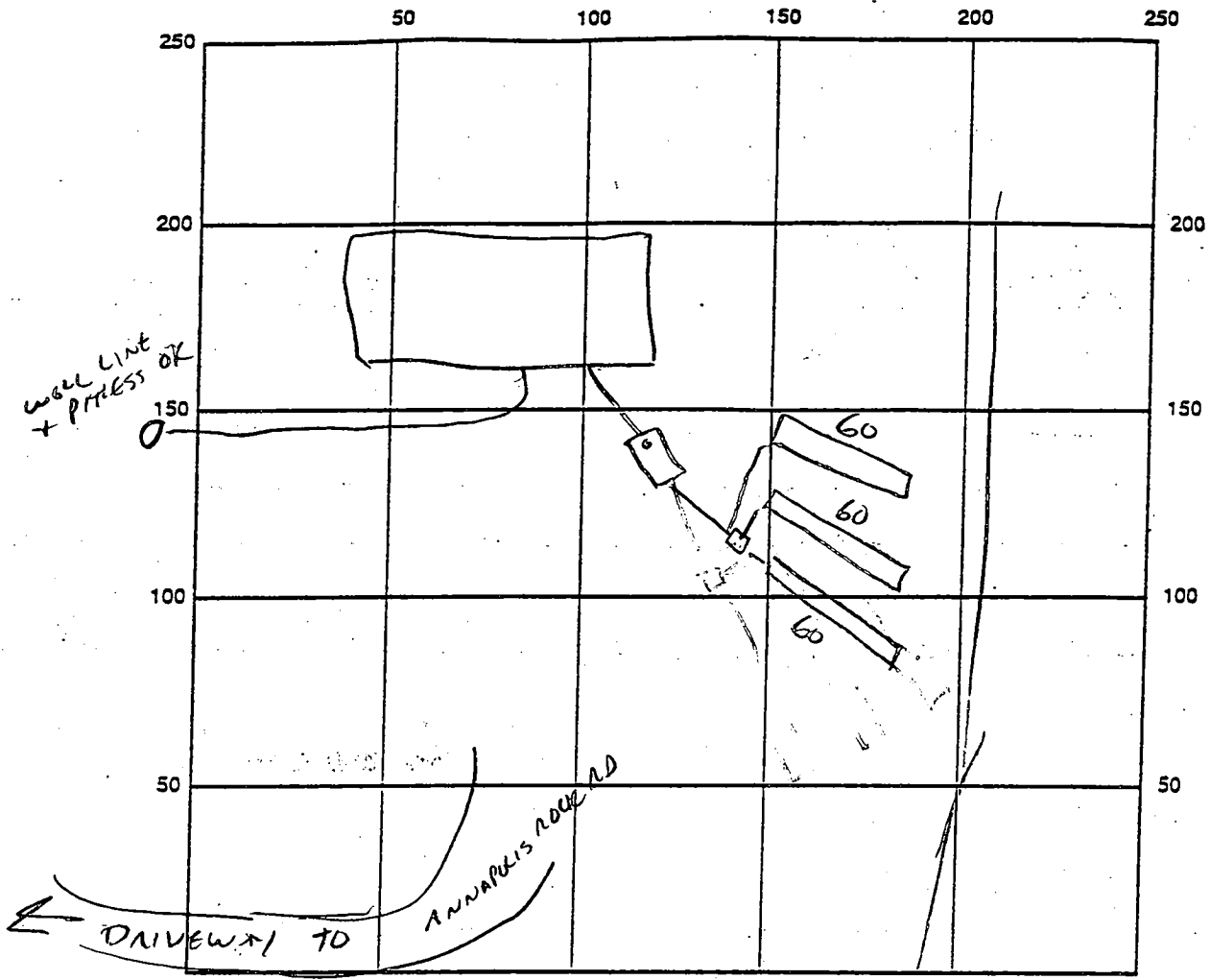
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 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**

58117



SEPTIC TANK LEVEL 1000 G CLEANOUTS STV

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 6 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 3 @ 60 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: SYSTEM COMPLETE, OK TO COVER. 1/12/99 CW

DATE SYSTEM APPROVED 1/12/99 INSPECTOR C. W. [Signature]

5/20/97
10:00 a.m.

APPLICATION

PERCOLATION TESTING

TO BE RECONSTRUCTED

A 58117

P 58117

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

NEED TO ~~RESERVE~~
SHOW 10,000
ON RESIDUE
EXISTS BUT HASN'T
BEEN PLATTED. (w)

DISTRICT 4th
DATE 4-3-97

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: Ruth M. Brown Christopher & Charri Abb.

ADDRESS 17500 Annapolis Rock Rd PHONE 410 489-4409

AGENT OR PROSPECTIVE BUYER: ~~START~~ Christopher G Abb

ADDRESS 17500 Annapolis Rock Rd. PHONE 489-5213

PROPERTY LOCATION:

SUBDIVISION 17550 LOT NO. 1

ROAD AND DESCRIPTION 17500 Annapolis Rock Rd.

TAX MAP 20 p 1 PARCEL # 207A
SIZE OF LOT 1 acre TYPE BLDG. Single Family - 2 Bdr
(SINGLE FAMILY DWELLING OR COMMERCIAL)

~~OLD~~ PERMIT SIGNED
AND RETURNED 9-2-98
Serial # 20113845

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. Christopher Hall
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY [Signature] FOR SEO DATE 5/20/97

HOLD PENDING FURTHER TESTS _____

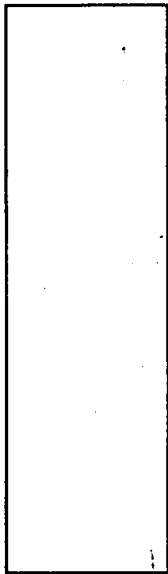
REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

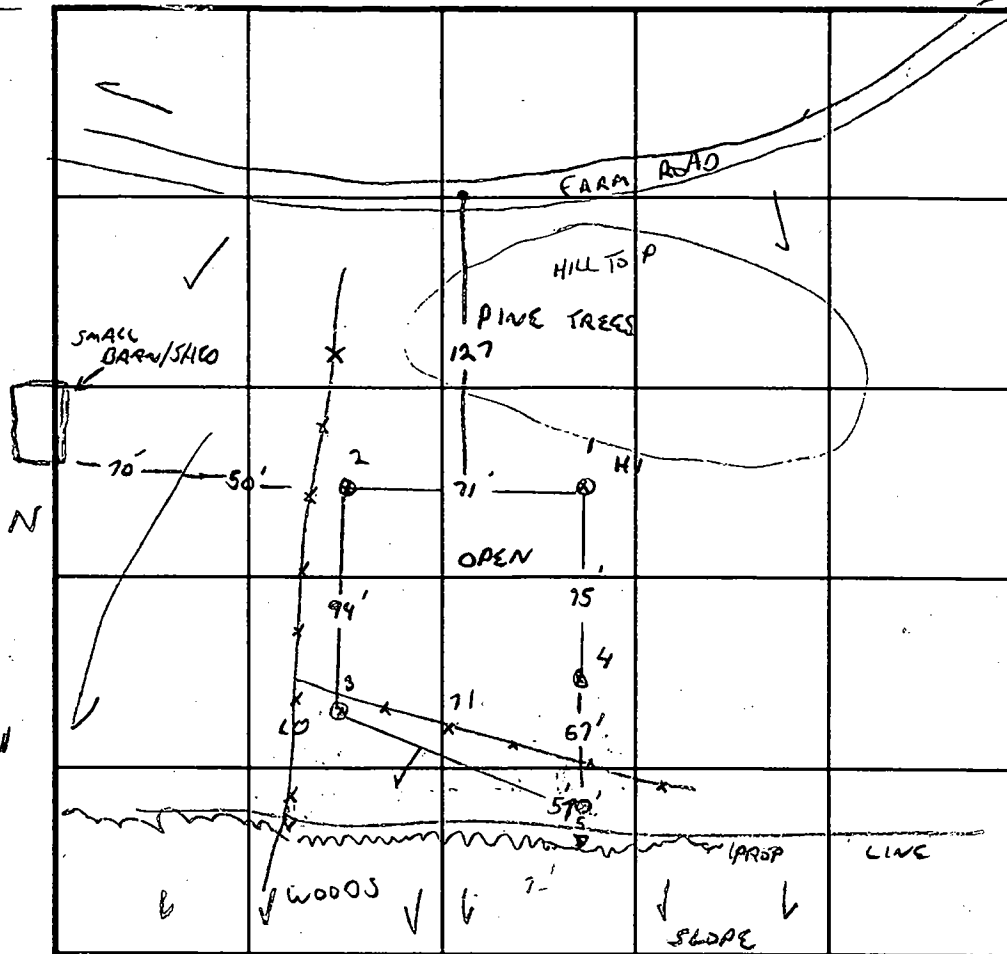
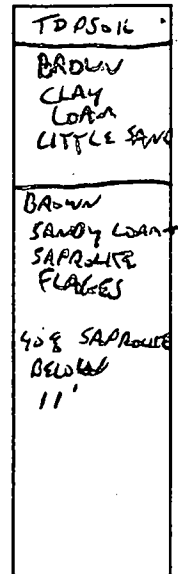
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3
 BROWN SANDY CLAY LOAM
 TAN S.S.C.
 58' Rock

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/20/97	2	9/13V	11:41	12:04	12:34	12:47	13 MIN	
		6.5	11:44	11:46	11:46	11:48	2 MIN	
	1	5/13V	11:54	11:56	11:56	11:58	2 MIN	
		8.5	11:54	11:58	11:58	12:03	5 MIN	
	4	5.5/13	12:05	12:08	12:08	12:13	5 MIN	
	4							
	3	6/13V	12:45	12:47	12:47	12:51	4 MIN	
	5	11V OK	SIMILAR TO 1					

REMARKS TOP SEAM TANK

TYPE OF SOIL _____

TESTED BY G. SAUVAGE

ALSO PRESENT FOGGLES

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 MIN

TRENCH WIDTH 3

INLET DEPTH 4.5

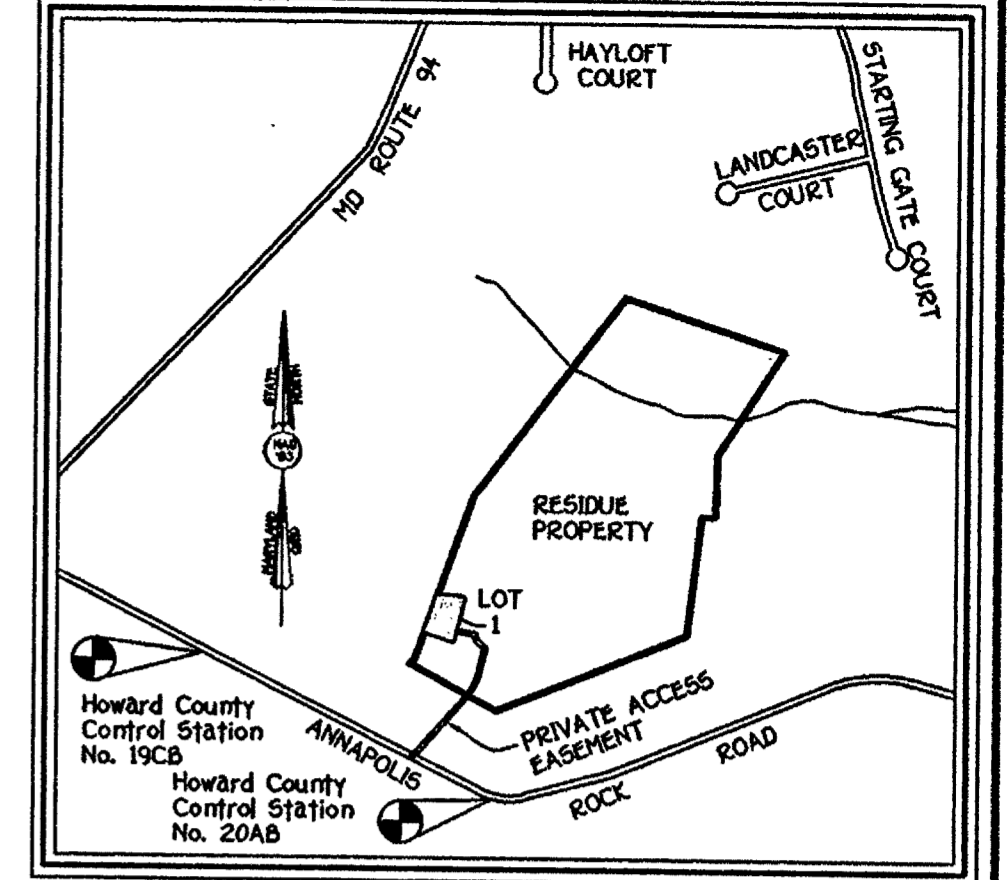
MAXIMUM BOTTOM DEPTH 6.5

SQ. FT./BEDROOM 180

U.S. EQUIVALENT COORDINATE TABLE			METRIC COORDINATE TABLE		
PNT	NORTH	EAST	PNT	NORTH	EAST
161	580008.0995	1277374.6506	161	179469.0695	389344.5761
162	587471.6909	1277542.9701	162	179061.7313	389395.8800
182	587756.3364	1276998.8507	182	179148.4914	389230.0321
186	587781.1383	1277024.3615	186	179156.0511	389237.8078
207	587957.1793	1277084.4078	207	179209.7085	389256.1100
208	587906.0782	1277261.1694	208	179194.1328	389309.9870
209	588170.9781	1277322.9108	209	179274.8745	389328.8058
210	588181.4896	1277160.9184	210	179278.0784	389279.4304

THE REQUIREMENTS 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1998 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

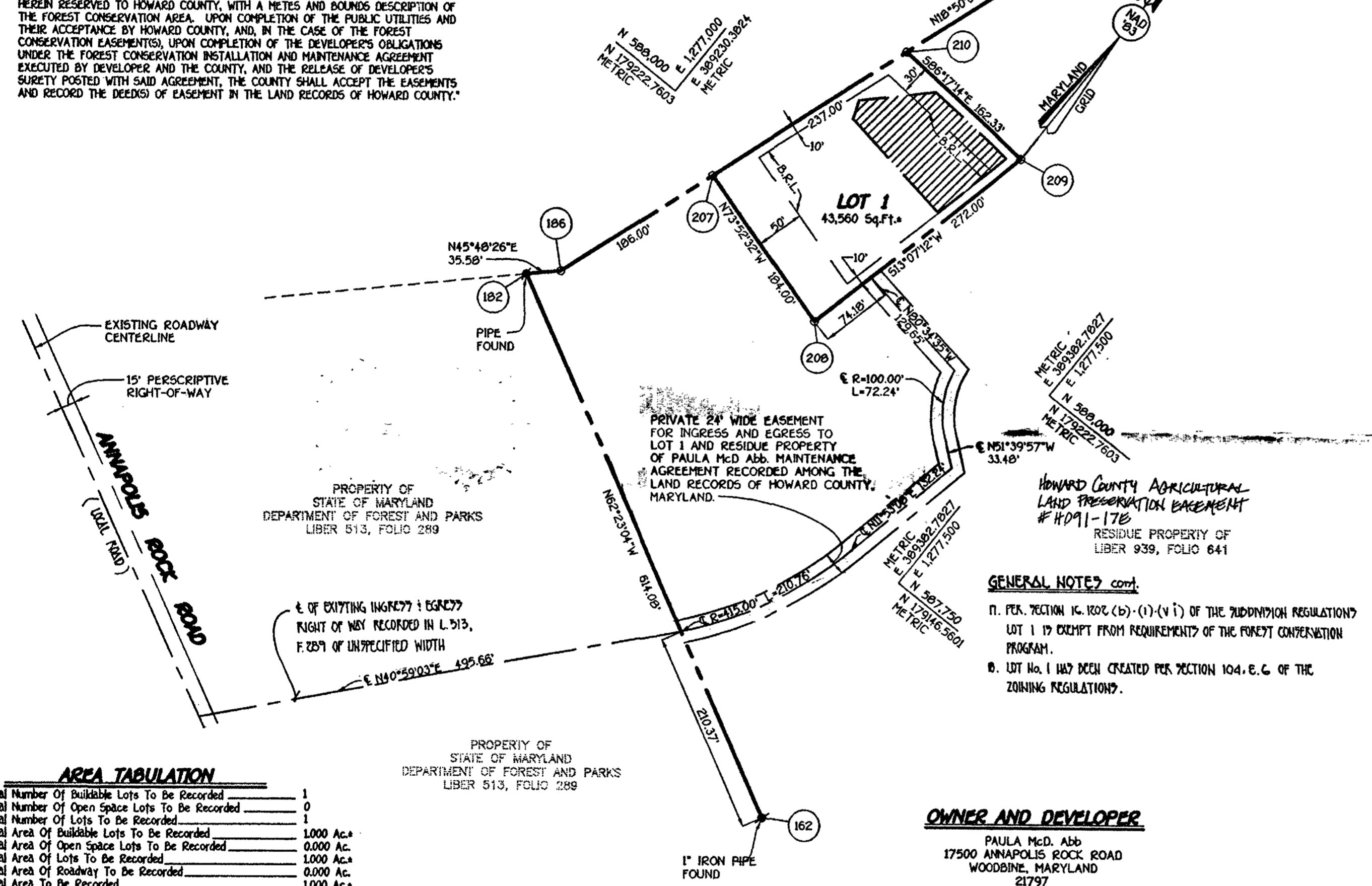
Terrell A. Fisher 4/1/98 DATE
 TERRELL A. FISHER, L.S. #10692 (REGISTERED LAND SURVEYOR)
Paula McD. Abb (Brown) 4/1/98 DATE
 PAULA McD. ABB (OWNER)



RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS

"DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREA"), LOCATED IN, ON, OVER AND THROUGH LOT 1. ANY CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEEDS CONVEYING SAID LOTS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND, IN THE CASE OF THE FOREST CONSERVATION EASEMENT(S), UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY."

PROPERTY OF
 VICTORIA HUNTER EGAN
 AND
 MICHAEL ROBERT EGAN
 LIBER 1361, FOLIO 704



GENERAL NOTES

- This Area Designates A Private Sewerage Easement Of 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewerage Disposal. Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Easements Shall Become Null And Void Upon Connection To A Public Sewerage System. The County Health Officer Shall Have The Authority To Grant Variances For Encroachments Into The Private Sewerage Easement. Recordation Of A Modified Easement Shall Not Be Necessary.
- Subject Property Zoned RC-DEO Per 10/18/93 Comprehensive Zoning Plan.
- The Lot Shown Hereon Complies With The Minimum Ownership Width And Lot Area As Required By The Maryland State Department Of The Environment.
- Coordinates Based On Nad '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 19CB And No. 20AB.
 Sta. 19CB N 179105.9832 (METERS)
 E 388972.7797 (METERS)
 Sta. 20AB N 178900.8524 (METERS)
 E 389383.2999 (METERS)
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About January 6, 1998, By Fisher, Collins and Carter, Inc.
- B.R.L. Denotes Building Restriction Line.
- Denotes Iron Pin Set Capped T.C.C. 106°.
- Denotes Iron Pipe Or Iron Bar Found.
- Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
- ⊠ Denotes Concrete Monument Set With Aluminum Plate T.C.C. 106°.
- ⊠ Denotes Concrete Monument Or Stone Found.
- Refuse Collection, Snow Removal And Road Maintenance To Be Provided At The Junction Of The Private 24' Wide Easement For Ingress And Egress And Annapolis Rock Road And Not Onto The Private Access Easement.
- Driveway(s) Shall Be Provided Prior To Residential Occupancy To Insure Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
 a) Width - 12 Feet (16 Feet Serving More Than One Residence)
 b) Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating. (1 - 1/2" Minimum)
 c) Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius.
 d) Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H25-Loading)
 e) Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface.
 f) Structure Clearances - Minimum 12 Feet;
 g) Maintenance - Sufficient To Insure All Weather Use. No Clearing, Grading Or Construction Is Permitted Within Wetland Or Stream Buffers. Unless, Approved By The Department Of Planning And Zoning Of Howard County, Maryland.
- All Lot Areas Are More Or Less (±).
- Distances Shown Are Based On Surface Measurement And Not Reduced To Nad '83 Grid Measurement.
- Existing House And Accessory Structure Buildings To Remain On Residue Parcel. No New Building Additions Or Modifications To Existing House On Residue Property Shall Be Allowed To Extend Outside Of Building Restriction Line.

GENERAL NOTES cont.

- PER SECTION 16.1002 (b) (1) (v) OF THE SUBDIVISION REGULATIONS LOT 1 IS EXEMPT FROM REQUIREMENTS OF THE FOREST CONSERVATION PROGRAM.
- LOT No. 1 HAS BEEN CREATED PER SECTION 104.6.6 OF THE ZONING REGULATIONS.

OWNER AND DEVELOPER
 PAULA McD. ABB
 17500 ANNAPOLIS ROCK ROAD
 WOODBINE, MARYLAND
 21797

AREA TABULATION

Total Number Of Buildable Lots To Be Recorded	1
Total Number Of Open Space Lots To Be Recorded	0
Total Number Of Lots To Be Recorded	1
Total Area Of Buildable Lots To Be Recorded	1,000 Ac.±
Total Area Of Open Space Lots To Be Recorded	0.000 Ac.±
Total Area Of Lots To Be Recorded	1,000 Ac.±
Total Area Of Roadway To Be Recorded	0.000 Ac.±
Total Area To Be Recorded	1,000 Ac.±

Approved: For Private Water And Private Sewerage Systems, Howard County Health Department.

Joyce M. Boyd 6/10/98 Date
 Joyce M. Boyd, Health Officer

Approved: Howard County Department Of Planning And Zoning.

John A. Smith 4/24/98 Date
 John A. Smith, Director

OWNER'S CERTIFICATE

Paula McD. Abb., Owner Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This 1st Day Of April, 1998.

Paula McD. Abb (Brown)
 Paula McD. Abb
Eschatria Y. Fisch
 Eschatria Y. Fisch, Witness

SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of Part Of The Lands Conveyed By Irving V.M. Abb To Paula McD. Abb By Deed Dated May 11, 1979 And Recorded In The Land Records Of Howard County, Maryland In Liber No. 939 At Folio 641, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

Terrell A. Fisher 4/1/98 Date
 Terrell A. Fisher, Professional Land Surveyor No. 10692

Recorded As Plat No. 13235 On July 2, 1998
 Among The Land Records Of Howard County, Maryland.

**LOT 1
 BIG MEADOW FARM**

ZONING: RC-DEO

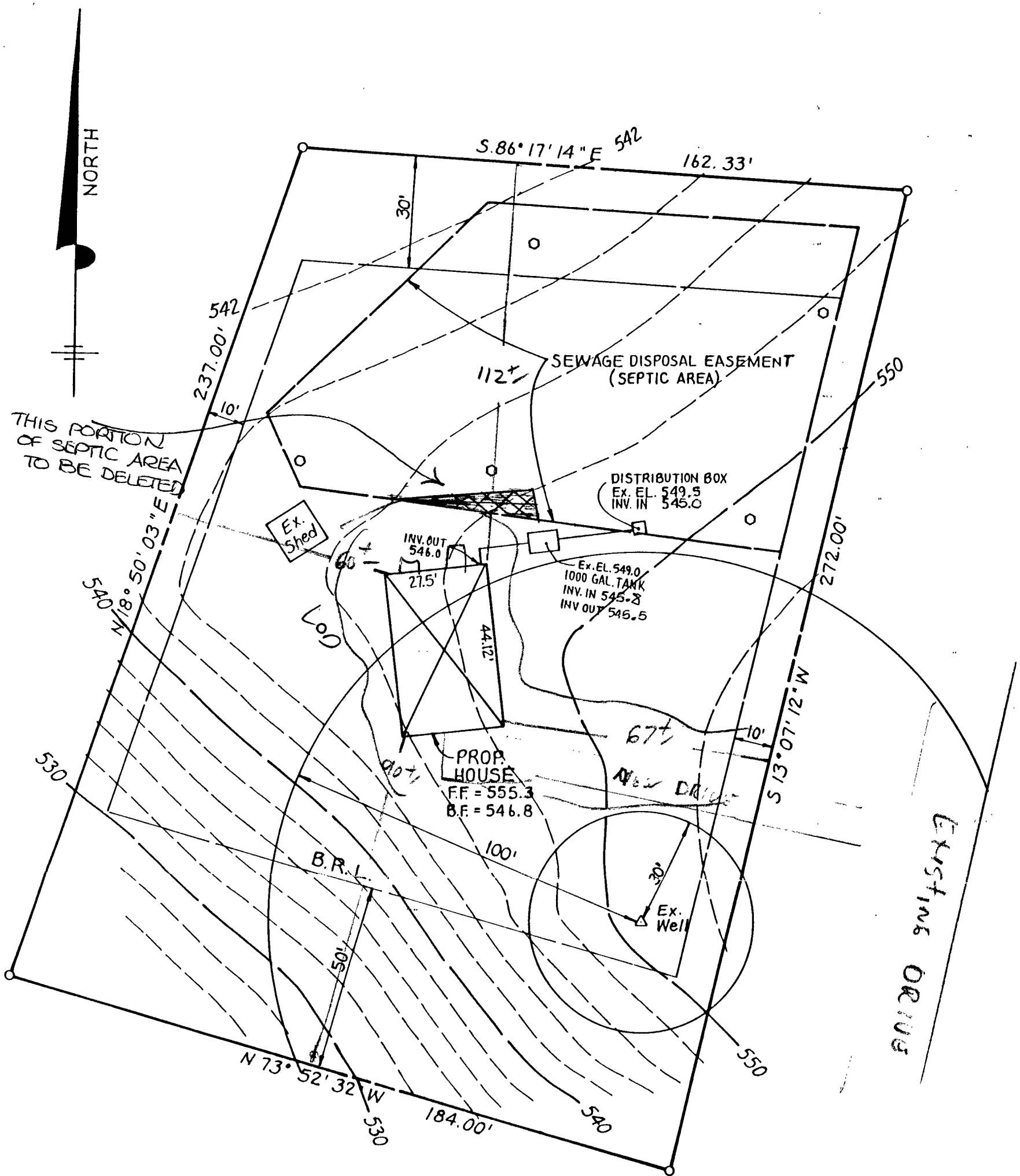
TAX MAP 20 PARCEL 1 GRID 1
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

0' 100' 150' 200'
 Scale: 1" = 100'

DATE: MARCH 31, 1998
 SHEET 1 OF 1
 F98-128

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10722 BALTIMORE NATIONAL PKWY
 ELLICOTT CITY, MARYLAND 21102
 (410) 461-2855

30344\PB RN_2P02.DWG



NOTE: PERC TESTS WERE LOCATED IN THE FIELD.
 THIS PLAN REPRESENTS FIELD RUN TOPOGRAPHY BY A.L.S. INC. WHICH DIFFERS FROM TOPOGRAPHY AS SHOWN ON ORIGINAL PERCOLATION TEST CERTIFICATION PLAN.

Approved Septic System Plan
 Howard County Health Department

Total linear feet of trench required 180 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 6.5 feet
 Depth of stone required below distribution pipe 2 feet

SITE PLAN
 LOT - 1
 BIG MEADOW FARM
 PLAT # 13235
 ANNAPOLIS ROCK ROAD
 4TH ELECT. DIST HOWARD CO., MD
 SCALE: 1" = 30' DATE: AUG. , 1998

George A. Stroud III 9/2/98
 Signature Date

NOTE: I CERTIFY THAT THE ABOVE MEASUREMENTS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

A.L.S. INC.
 194 EAST MAIN STREET
 WESTMINSTER, MD. 21157
 410 - 857-0822

George A. Stroud III
 GEORGE A. STROUD III
 PROPERTY LINE SURVEYOR No. 256

#118 - 98 - 22

B 1	6485	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER Ho-94-1551 fill in this form completely
------------	-------------	--------------------------------	--	--

Date Received (APA) **5-7-98**

OWNER INFORMATION RN 7438

Abb Christopher G.

15 Last Name Owner First Name 34

17500 Annapolis Rock Road

36 Street or RFD 55

Woodbine, Md. 21797

57 Town 70 State 72 Zip 76

B 3 **Howard** LOCATION OF WELL CC#

8 COUNTY 21

Paula Brown Property

23 SUBDIVISION 42

SECTION [] LOT **1**

44 46 48 50

Etchison

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **2** M I I

73 76 77 78

DRILLER INFORMATION

George F. Easterday M **WD 040**

Driller's Name 76 License No. 81

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771

Address

George F. Easterday **5/5/98**

Signature Date

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 **Annapolis Rock Road** 30

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **900** 37

DISTANCE FROM ROAD Ft.

ENTER FT OR MI 38 39

TAX MAP **20** BLK: **1** PARCEL **207A**

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)

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

HOWARD **A58117**

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S → 41

DATE ISSUED **5 20 98** **5/20/99**

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **527 000** EAST GRID **764 000**

50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET

24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVerse-ROTary DRive-POINT

other

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

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 DEEPEM AN EXISTING WELL

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

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

APPROP. PERMIT NUMBER **54** G A P **63**

WRITE INITIALS IN BOX **GS** PERMIT No. **HO-94-1551**

67 68 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. wells

2.

3.

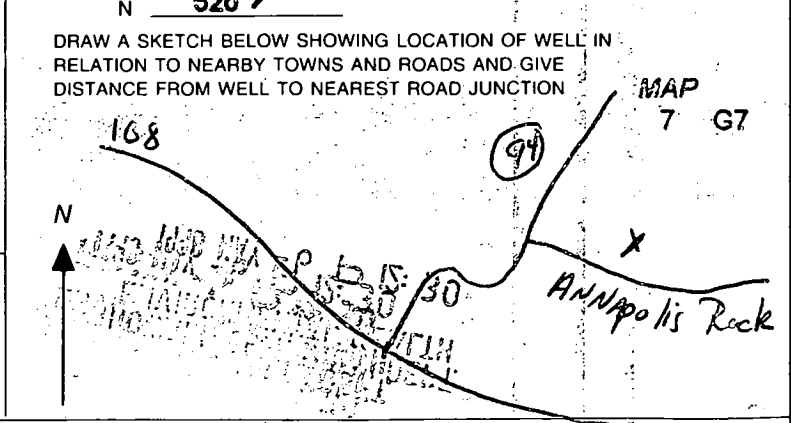
WRITE THE BOX NUMBER FROM THE MAP HERE

E **760**

N **520**

000 000

6/11/98 Grawt Missed IRSP KML



C1 05005 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A58117

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

ST/GO USE ONLY DATE RECEIVED 06 27 98

DATE WELL COMPLETED 06 19 98 Depth of Well 300

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1551

OWNER ABB CHRISTOPHER ANNAPOLIS ROCK ROAD ETCHISON BROWN PROP SECTION LOT 1

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, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, brown shale, Mica brown slate, and Mica.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [X] NO [] TYPE OF GROUTING MATERIAL (Circle one) CEMENT [X] BENTONITE CLAY []

CASING RECORD

MAIN CASING TYPE ST 6 45 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

SCREEN RECORD

SCREEN RECORD ST BR HO PL OT insert appropriate code below

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal per min.) 8.4 METHOD USED TO MEASURE PUMPING RATE Bucket

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES [X] NO [] TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES [X] NO []

- CIRCLE APPROPRIATE LETTER 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. MW D 040 Signature: George F. Costenley

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

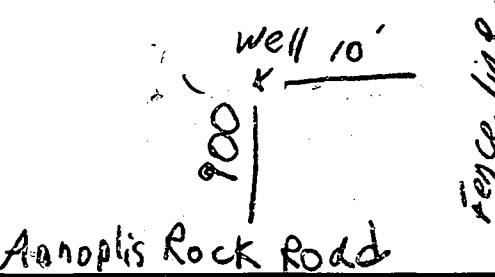
DEPTH (nearest ft.)

Table with columns: 1-21, 23-32, 34-41, 43-51. Includes slot size and diameter of screen information.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) LOG INDICATOR

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)



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

1/12/99
WELL Casing &
PITLESS ADAPTER OK
CW [Signature]

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer J. Joseph Garland, Inc.

Telephone 410-875-2400

License Number 1713

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Chris + Chari Abb

Telephone N/A

Subdivision Big Meadow Farm Lot # 1

Well Tag # HO-94-1551

Site Address 17550 Annapolis Rock Rd.

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make STA RITE
- Model # 7SP4002FW
- Capacity 7 GPM
- Pump exceeds well capacity Yes _____ No
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor

- Horsepower 3/4
- RPM _____
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make Harvard
- Model # PT800
- Depth 42'

Tank

- Capacity 42 gal
- Pressure relief valve? 75 psi

Piping

- Type Plastic
- Size 1"
- NSF and/or BOCA Code approved Yes
- Depth of supply line 42"

Well data

- Depth 300 ft.
- Yield 8 1/2 GPM
- Static water level 33 ft.
- 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.

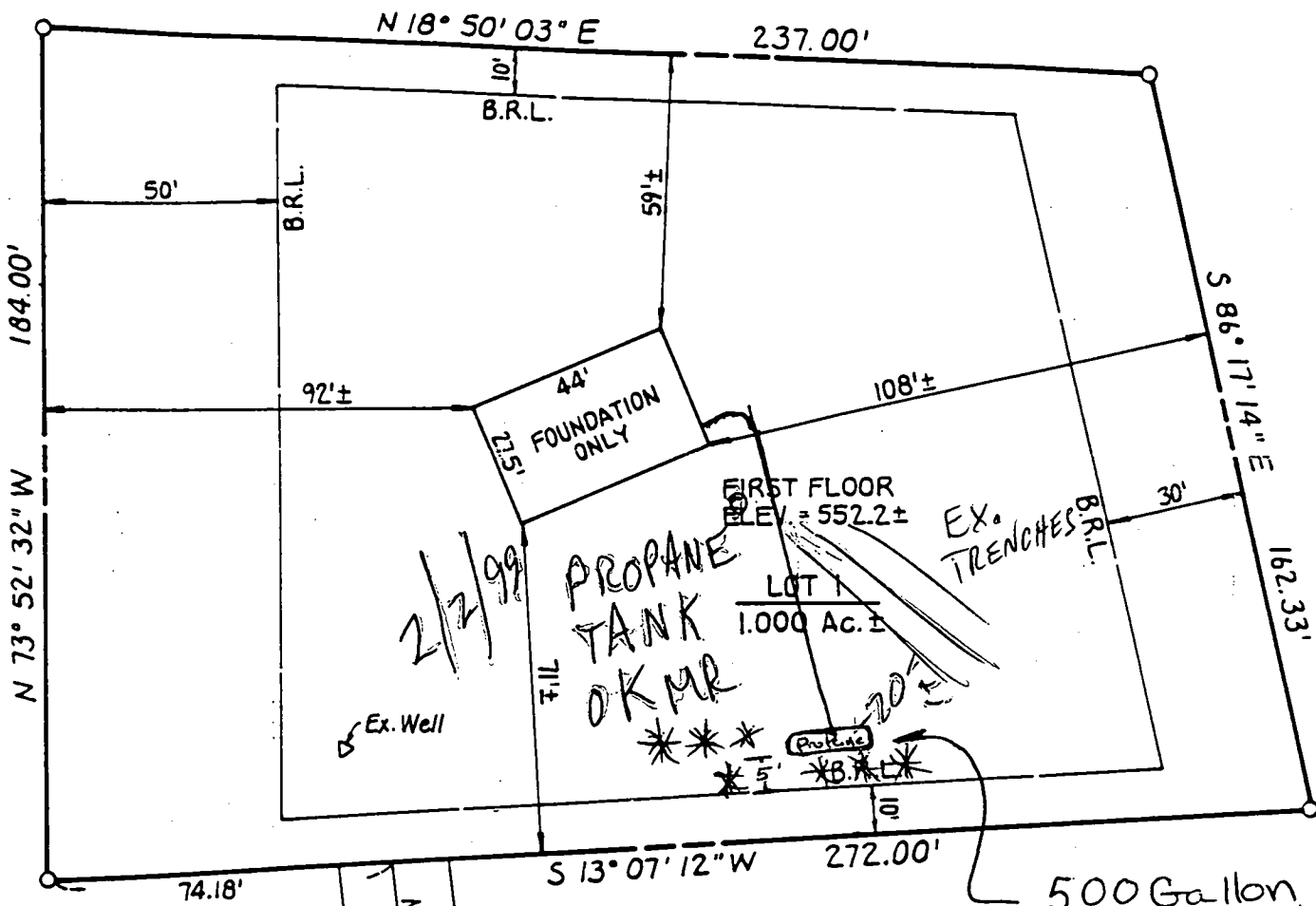
Signature of Applicant: _____

Date: 12/15/98

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

A.L.S. Inc. assumes no responsibility or liability for any easements or right-of-ways, recorded or unrecorded, not appearing in the current Title Deed or Record Plat noted hereon.

AB/B



± PRIVATE 24' WIDE EASEMENT FOR INGRESS & EGRESS TO LOT 1 AND RESIDUE PROPERTY AS SHOWN ON SAID PLAT OF BIG MEADOW FARM PLAT No. 13235

NOTE: OFFSET ACCURACY - 2'±

* = Pine Tree

I hereby certify that I have made a field visit of this lot for the purpose of locating the improvements thereon and that they are located as shown.

DATE: 11/19/98

[Signature]
Reg. No. 256

500 Gallon above ground Propane Tank

LOT 1
BIG MEADOW FARM
PLAT No. 13235
4TH ELECT. DIST. HOWARD CO., MD

See attached sheet 2 of 2 for statements of advice pertinent to this plat.



LOCATION DRAWING
#17550 ANNAPOLIS ROCK ROAD

A. L. S. Inc.

194 E. Main Street Westminister, MD 21157

(410) 857-0822

SHEET:
1 OF 2

SCALE:
1" = 40'

DATE:
NOV. 17, 1998

JOB No.:
118 - 98 - 22