

5/23/97
2:30
5/28/97 P.M.
5/29/97 2:30

5/30/97
2:00
5/2/97
a.m.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX461-9933~~

313-2640

INDEXED

03-319946

P 58453A

A 49915-H

DISTRICT 3rd

DATE 5/14/97

DATE SYSTEM APPROVED 6-2-99

INSPECTOR KM

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Sobus Farms LOT 37 ROAD 2933 Summer Hill Drive

PROPERTY OWNER Altieri Homes Perry & Claudia Fath

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

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 4.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 267.16' and 310.27' lot lines, begin trenches 90 feet up 267.16' lot line and 130 feet off that same lot line.

Run trenches on contour in both directions.

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 4/16/97

PLANS APPROVED BY Amy McMillen

DATE 04/08/97

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**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

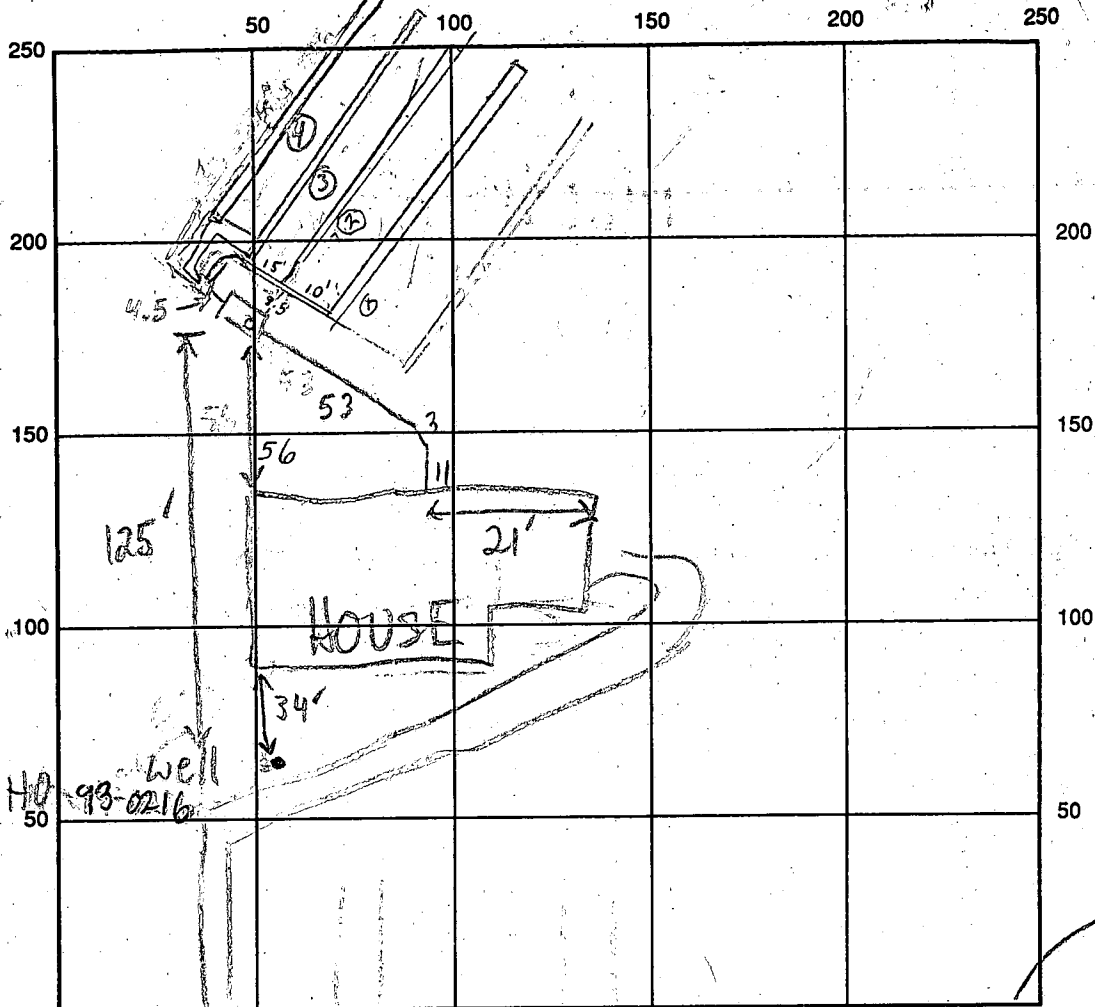
REG. PERMIT SIGNED

AND RETURNED 5-13-99

Seal # CM 117928

dch

A 2199154
751667



SUMMER HILL DR INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS S.T. - OK
 DISTRIBUTION BOX LEVEL OK NEEDS OARCE, PIPES CEMENTED, 6-2-97 baffk in
 DRAIN FIELD/TITLE DEPTH $\frac{1}{1.5} \frac{2}{1.5} \frac{3}{1.5} \frac{4}{1.5}$ FT. TRENCH WIDTH 3 FT. INLET DEPTH $\frac{1}{4.5} \frac{2}{4} \frac{3}{4} \frac{4}{4.5}$ FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\frac{1}{70} \frac{2}{70} \frac{3}{70} \frac{4}{70}$ FT. \rightarrow 280
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: 5/23/97 S.T. & D.B. 25' TOO FAR DOWN HILL; OK TO RUN
DIST. PIPES BACK ALONGSIDE S.T.; HIGH TRENCH 10' OFF S.T. MR
5/28/97 OK FOR 1ST TRENCH TO BE 6" DEEPER - CONTINUE (MR)
5/29/97 ok to COVER 1ST TRENCH, STONE SECOND. 5/31/97 OK TO COVER 3RD TRENCH,
ok to continue - CEASE END OPEN. MR
5/23/97 WPI OK 4' B.G. MR 6-2-97 ok to cover all work (1cm)
 DATE SYSTEM APPROVED 6-2-97 INSPECTOR Kim Maisto

APPLICATION

PERCOLATION TESTING

A 49915H

P _____

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

DISTRICT 3
DATE 3/9/94

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 Hilltop Development Corporation Altek Homes

ADDRESS P.O. Box 208, Clarksville, Md. 21029 PHONE 410-531-5539

AGENT OR PROSPECTIVE BUYER Richard Demmitt

ADDRESS P.O. Box 208, Clarksville, Md. 21029 PHONE 410-531-5539

PROPERTY LOCATION:

SUBDIVISION Sobus Farms LOT NO. 25 (Twenty-Five)

ROAD AND DESCRIPTION at the end of Winfield Rd.

(2933 Summer Hill Drive)

BLDG. PERMIT SIGNED
AND RETURNED 4-8-97
Serial # B-0109594

TAX MAP 15 PARCEL # 26 & 154

SIZE OF LOT 1 acre + TYPE BLDG. S.F.D - 4 Brms
(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.

Richard Demmitt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

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

A49915 H

COUNTY #

SOIL PROFILE A

0' bright red CSL
 3' tan brn SL mica frags throughout <5%
 12 1/2'

D

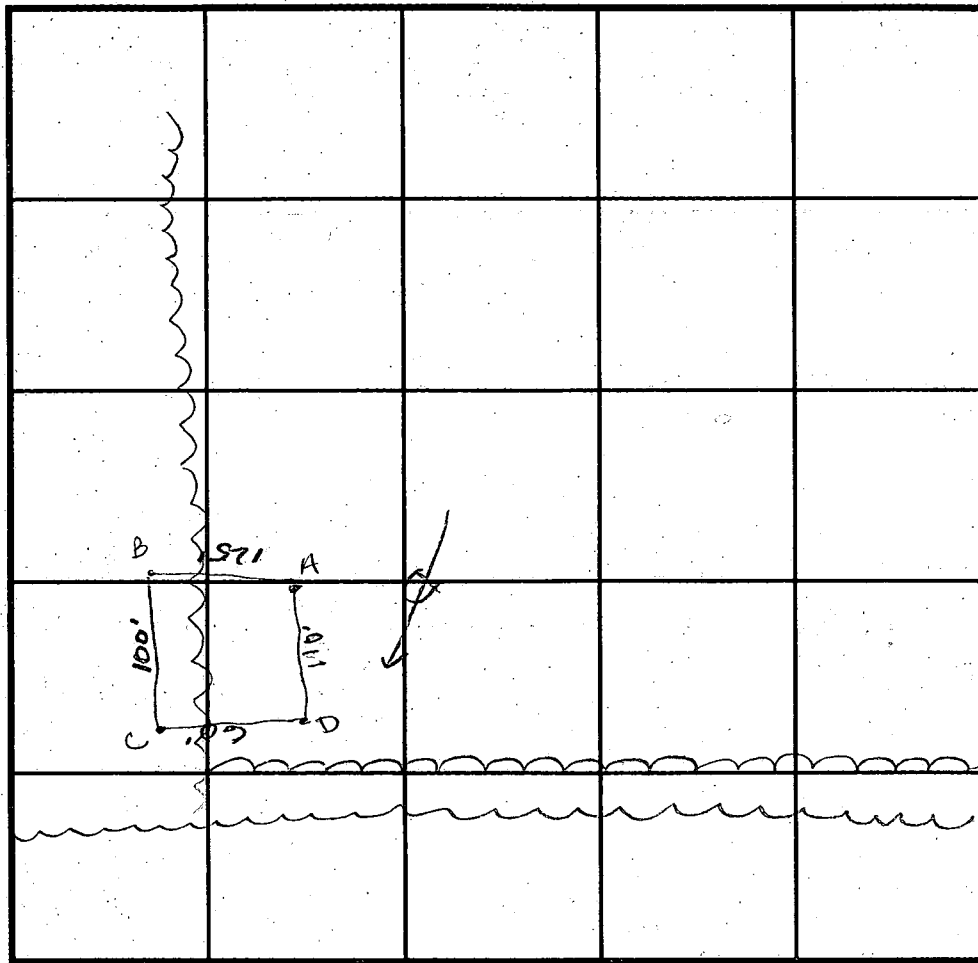
4' dk bright red CSL
 4' bright red (but lighter than c layer) SL mica flecks & frags <5%
 13'

C

4 1/2 - 5 1/2' bright red CSL
 11 1/2' white & yellow tan mix S some pebbles OK

SOIL PROFILE B

0' dk orange/red CSL
 4' orange SL mica & shale chunks 10% OK
 11'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3	A	6 1/2' V 12 1/2'	10:26 ¹⁵	10:27	10:27	10:28	1 min
		4' V 12 1/2'	10:26 ⁴⁵	10:35	10:35	10:47	12 min
	D	6 1/2' V 13'	10:34 ¹⁵	10:35	10:35	10:38	3 min
		4' V 13'	10:34 ³⁰	10:53	10:53	11:10	17 min
	C	5' V 11 1/2'	10:39	11:43	11:43	11:45 ³⁰	2 1/2 min
	B	5' V 11'	12:50 ³⁰	12:51 ³⁰	12:51 ³⁰	12:53	1 1/2 min

REMARKS

TYPE OF SOIL ChB₂ Chester Silt Loam

TESTED BY A McMillen/M Rifkin ALSO PRESENT R. Demitt

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 9 min TRENCH WIDTH 3'

INLET DEPTH 4 1/2' MAXIMUM BOTTOM DEPTH 6 1/2' SQ. FT./BEDROOM 210 ft²

C1 1696

SEQUENCE NO. (DENV. 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 A 49915 H

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well TO NEAREST FOOT

PERMIT NO. FROM "PERMIT TO DRILL WELL"

030597

022196

500

HO-93-0216

OWNER Demmitt RICHARD last name SUMMER Hill Dr. first name TOWN West Friendship SUBDIVISION SOBUS FARMS SECTION LOT 25

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. Includes handwritten entries: Sand, GRAY Micr Rock, 0 58, 58 500.

GROUTING RECORD WELL HAS BEEN GROUTED (YES/NO) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top (main) casing Total depth of main casing

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

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED

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.

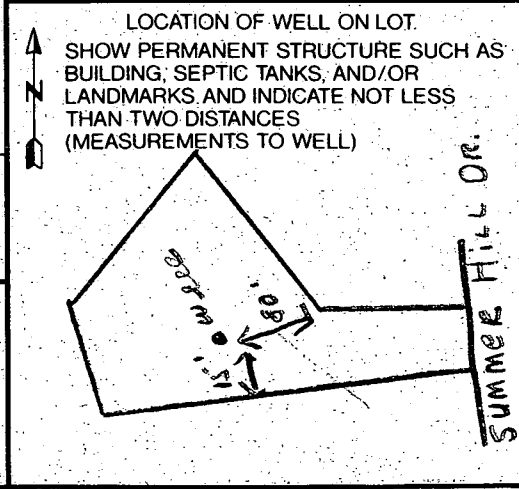
DRILLERS IDENT. NO. 24 DRILLERS SIGNATURE Joseph L. Maynes

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

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 LOG INDICATOR OTHER DATA

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) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet 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)

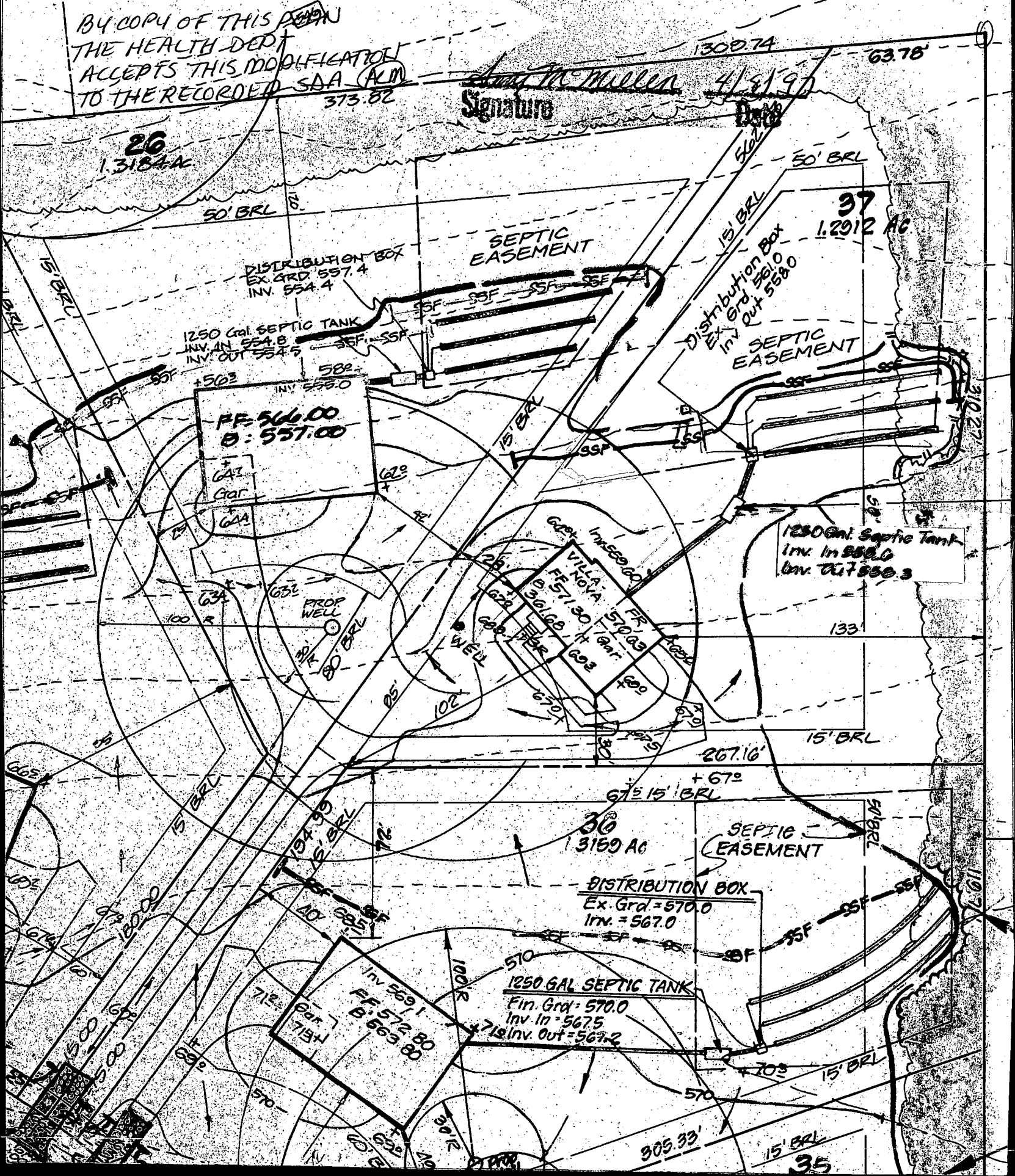


NOTE: LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT NO 15457 LD - SECTION TWO ISSUANCE

Approved Septic System Plan
Howard County Health Department

BY COPY OF THIS PLAN THE HEALTH DEPT ACCEPTS THIS MODIFICATION TO THE RECORDED SAA (ALM)

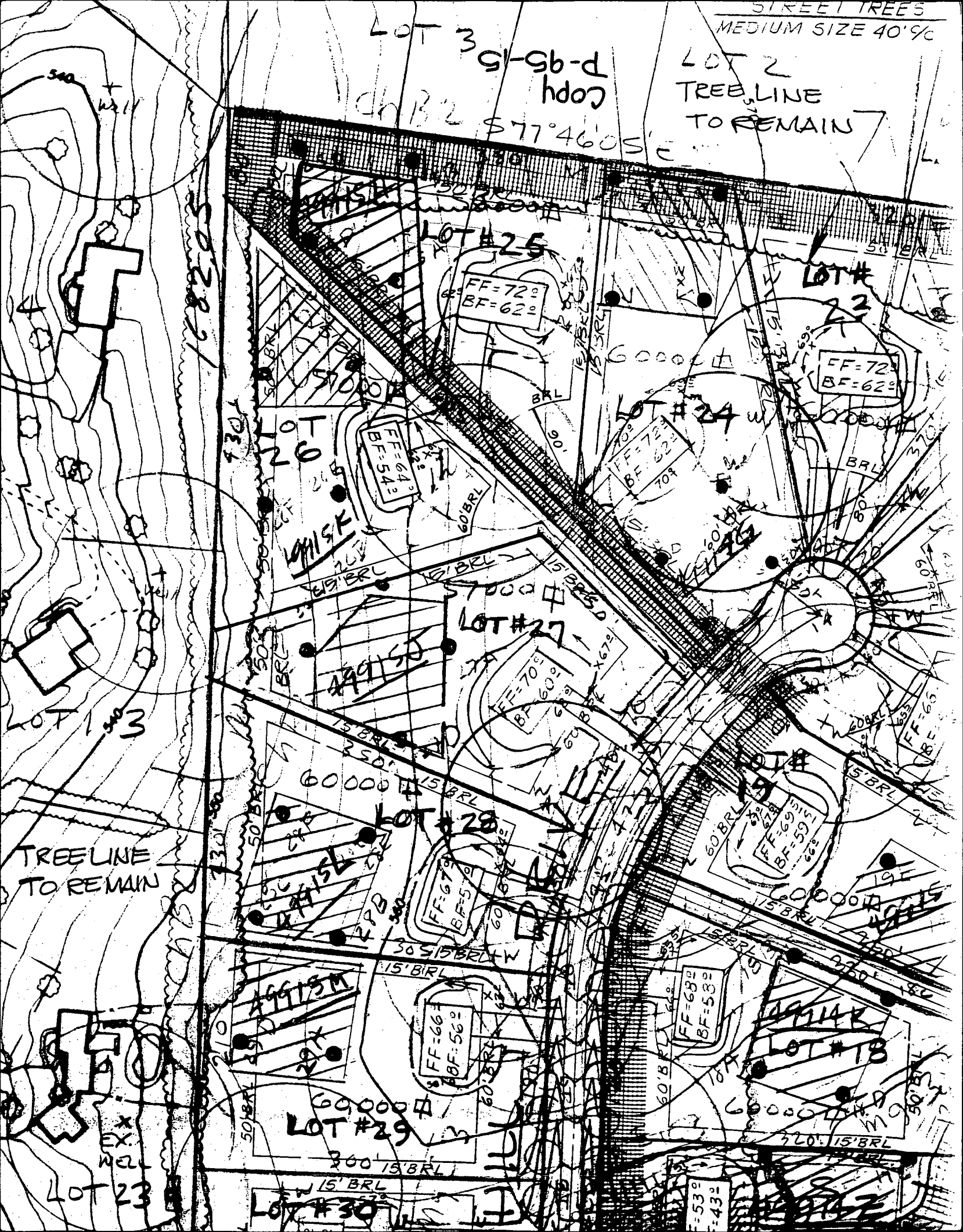
James Mc Muller
Signature
4/21/90
Date



STREET TREES
MEDIUM SIZE 40' 9/16

LOT 3
9'-9b-d
hdos
Ch B2
\$77°46'05" E

LOT 2
TREE LINE
TO REMAIN



LOT #25

FF=72
BF=62

LOT #23

FF=72
BF=62

FF=64
BF=54

LOT #24

FF=72
BF=62

LOT #27

FF=70
BF=60

LOT #28

FF=67
BF=57

FF=69
BF=59

LOT #29

FF=66
BF=56

LOT #18

FF=68
BF=58

LOT 23

LOT #30

FF=53
BF=43

TREE LINE
TO REMAIN

EX. WELL

WYNFIELD
PLAT 6043

LOT 23

F-95-181

LOT 13

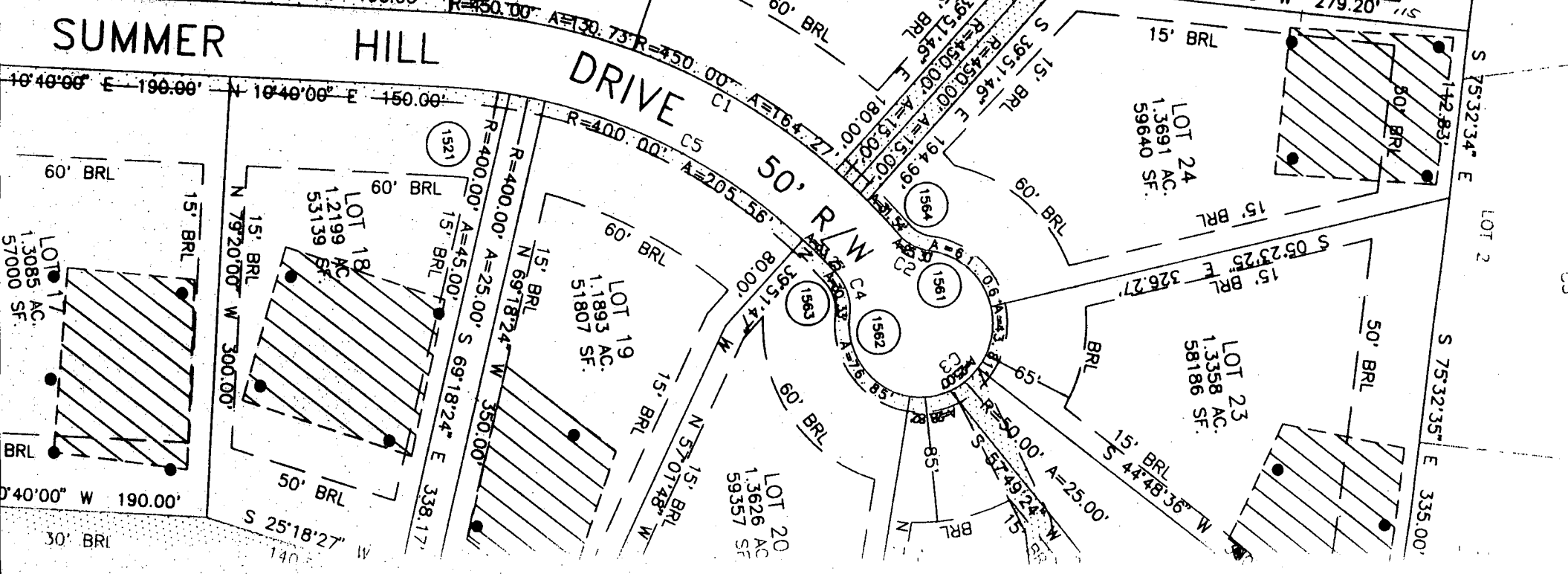
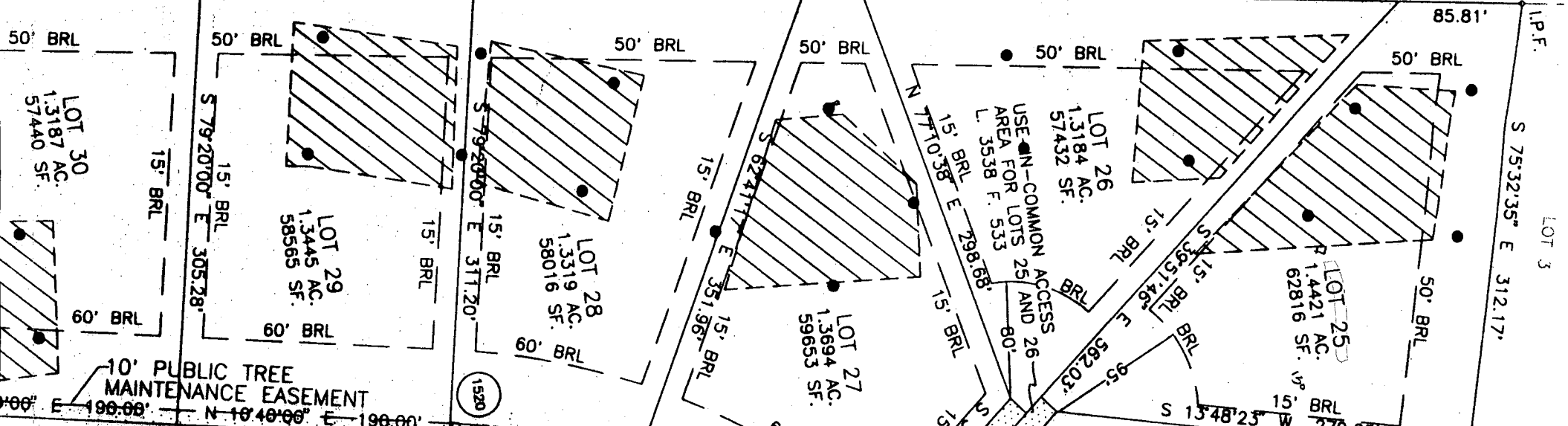
copy of
signed
Final

LOT 14

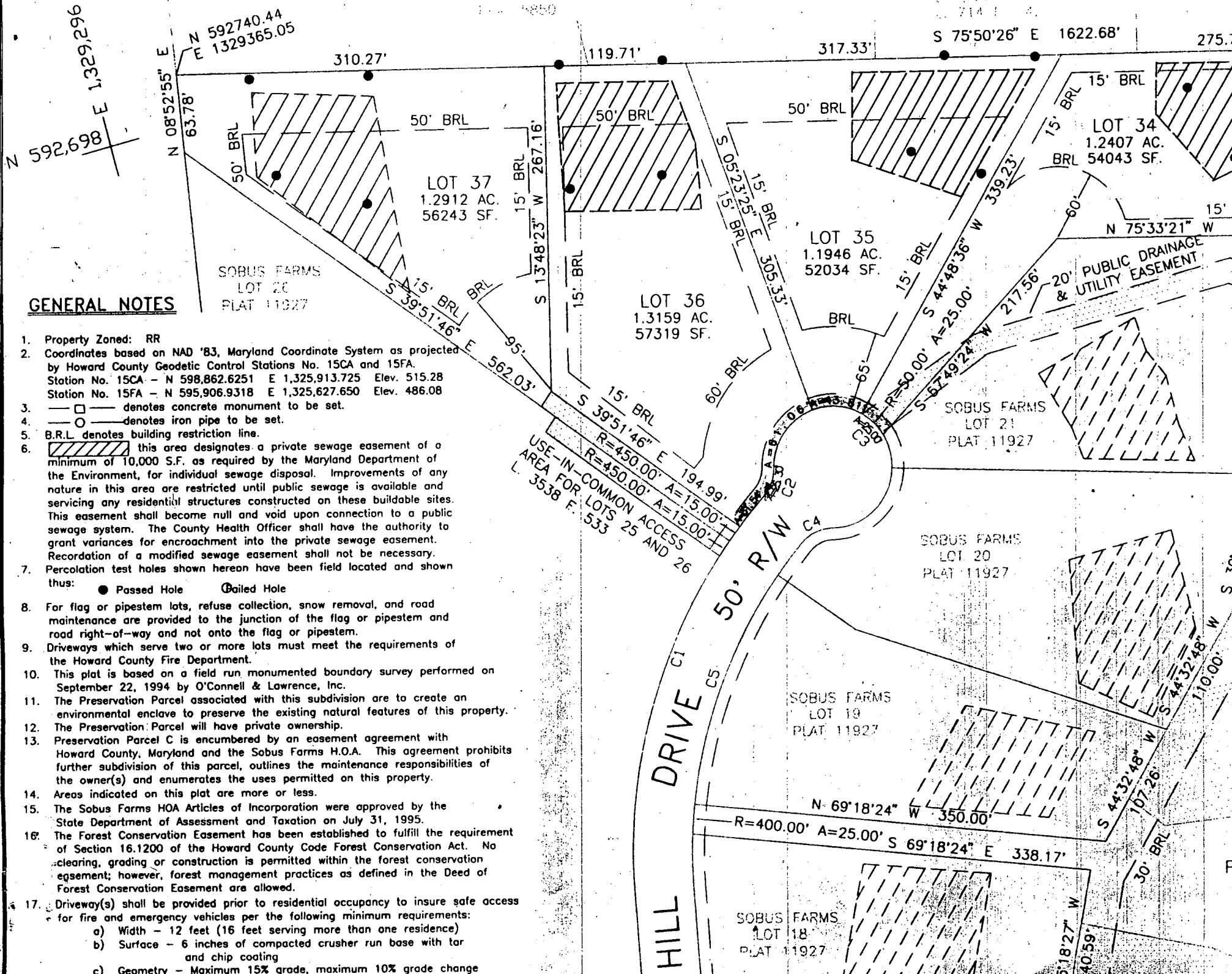
92,500

E 1,329,000

52°55' E 190.09' N 08°52'55" E 190.09' N 08°52'55" E 229.83' 40.00' N 08°52'55" E 373.82' N 08°52'55" E



F-96-183



GENERAL NOTES

1. Property Zoned: RR
2. Coordinates based on NAD '83, Maryland Coordinate System as projected by Howard County Geodetic Control Stations No. 15CA and 15FA.
Station No. 15CA - N 598,862.6251 E 1,325,913.725 Elev. 515.28
Station No. 15FA - N 595,906.9318 E 1,325,627.650 Elev. 486.08
3. denotes concrete monument to be set.
4. denotes iron pipe to be set.
5. B.R.L denotes building restriction line.
6. this area designates a private sewage easement of a minimum of 10,000 S.F. as required by the Maryland Department of the Environment, for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available and servicing any residential structures constructed on these buildable sites. 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 encroachment into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
7. Percolation test holes shown hereon have been field located and shown thus:
● Passed Hole ○ Dilled Hole
8. For flag or pipestem lots, refuse collection, snow removal, and road maintenance are provided to the junction of the flag or pipestem and road right-of-way and not onto the flag or pipestem.
9. Driveways which serve two or more lots must meet the requirements of the Howard County Fire Department.
10. This plat is based on a field run monumented boundary survey performed on September 22, 1994 by O'Connell & Lawrence, Inc.
11. The Preservation Parcel associated with this subdivision are to create an environmental enclave to preserve the existing natural features of this property.
12. The Preservation Parcel will have private ownership.
13. Preservation Parcel C is encumbered by an easement agreement with Howard County, Maryland and the Sobus Farms H.O.A. This agreement prohibits further subdivision of this parcel, outlines the maintenance responsibilities of the owner(s) and enumerates the uses permitted on this property.
14. Areas indicated on this plat are more or less.
15. The Sobus Farms HOA Articles of Incorporation were approved by the State Department of Assessment and Taxation on July 31, 1995.
16. The Forest Conservation Easement has been established to fulfill the requirement of Section 16.1200 of the Howard County Code Forest Conservation Act. No clearing, grading or construction is permitted within the forest conservation easement; however, forest management practices as defined in the Deed of Forest Conservation Easement are allowed.
17. 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 - 6 inches of compacted crusher run base with tar and chip coating
 - c) Geometry - Maximum 15% grade, maximum 10% grade change

LOT 3

HEBB PROPERTY
PLAT 5850

Private Sewage Easement - see
General Note No. 6 Plat No.
12256

S75°50'26"E

310.27'

N08°51'55"E
63.78

LOT 37
1.2912 AC
56,243 #

50'

BRL

267.16'

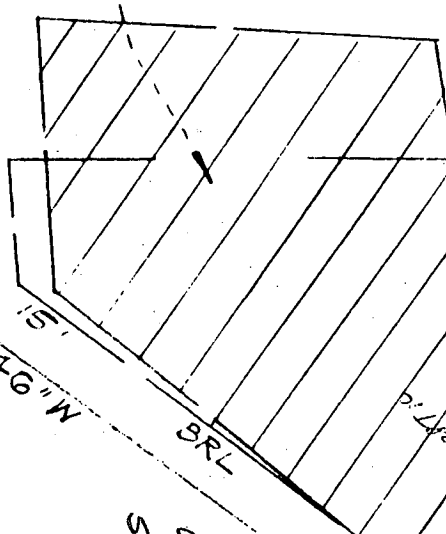
LOT 14 SECTION TWO
WYNFIELD No. 5457

N94°51'46"W

BRL

15' BRL

115'



Septic

2933

195' BRL

well

106'

Macadam Driveway

S13°48'23"W

S39°51'46"E

This portion of SDA
abandoned due to
well location - Therefore
the shown deck
location will have no
impact to the existing
well or septic - cleanup for
septic tank shown accordingly

AWL

PLAT 1927
LOT 26