

1/21/97  
1/22/97

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57359-A

A 49915D

DISTRICT 3rd

DATE 10-28-96

03-319903

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
XXX-XXX-XXXX 313-2640

DATE SYSTEM APPROVED 1-22-97

INDEXED

INSPECTOR KM

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Sobus Farms LOT 34 ROAD 2938 Summer Hill Drive

PROPERTY OWNER Altieri Homes, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 135

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the left rear lot corner, place the distribution box 80 feet down the rear (275.73') lot line and 50 feet off the same lot line. Run trenches on contour to rear of lot.

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

PLANS APPROVED BY Mark Rifkin/Donna K. Soe DATE 09/17/96

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

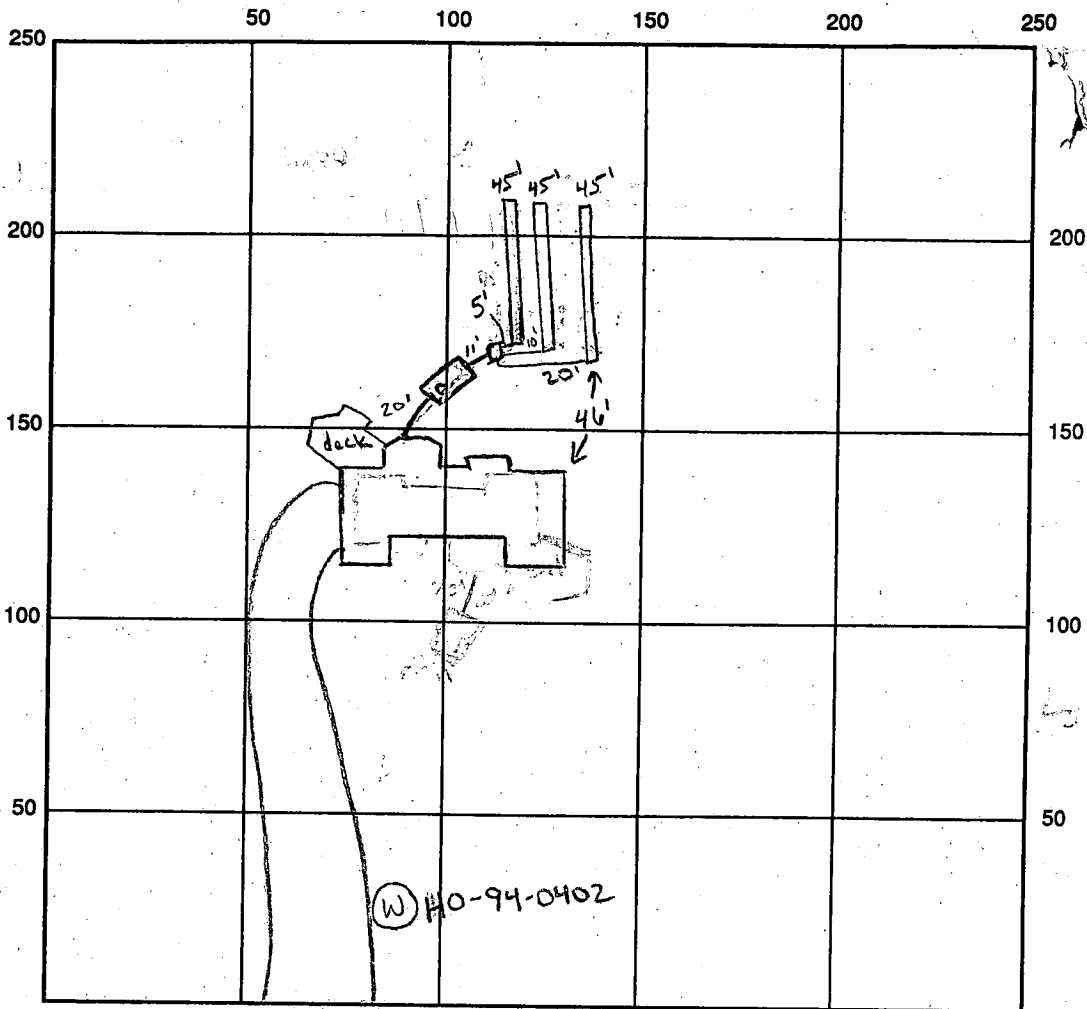
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

**\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

A 119915-12



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Summer Hill Drive

SEPTIC TANK LEVEL OK CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 3 x 45 FT. → 135

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

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

ABSORBENT AREA — SQ. FT.

REMARKS: 1-21-97 house connection made, ok to cover up to tank KM  
1-22-97 ok to continue work and cover 1st trench, WPI ok to cover well line  
1-22-97 ok to cover all work, WPI ok to cover well line

DATE SYSTEM APPROVED 1-22-97

INSPECTOR Kim M. Miste

# APPLICATION

PERCOLATION TESTING

A 49915D

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 Milltop Development Corporation

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. 22 (twenty-two)

ROAD AND DESCRIPTION at the end of Winfield Rd.

TAX MAP 15 PARCEL # 26 & 154

SIZE OF LOT 3 acres + TYPE BLDG: S.F.D.  
(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

COUNTY #

SOIL PROFILE

A<sub>10</sub>

bright red

CSL

tan SL  
10% mica  
flicks

B<sub>c</sub>

orange brn

CSL

grey brn SL  
mica <5%  
chunks

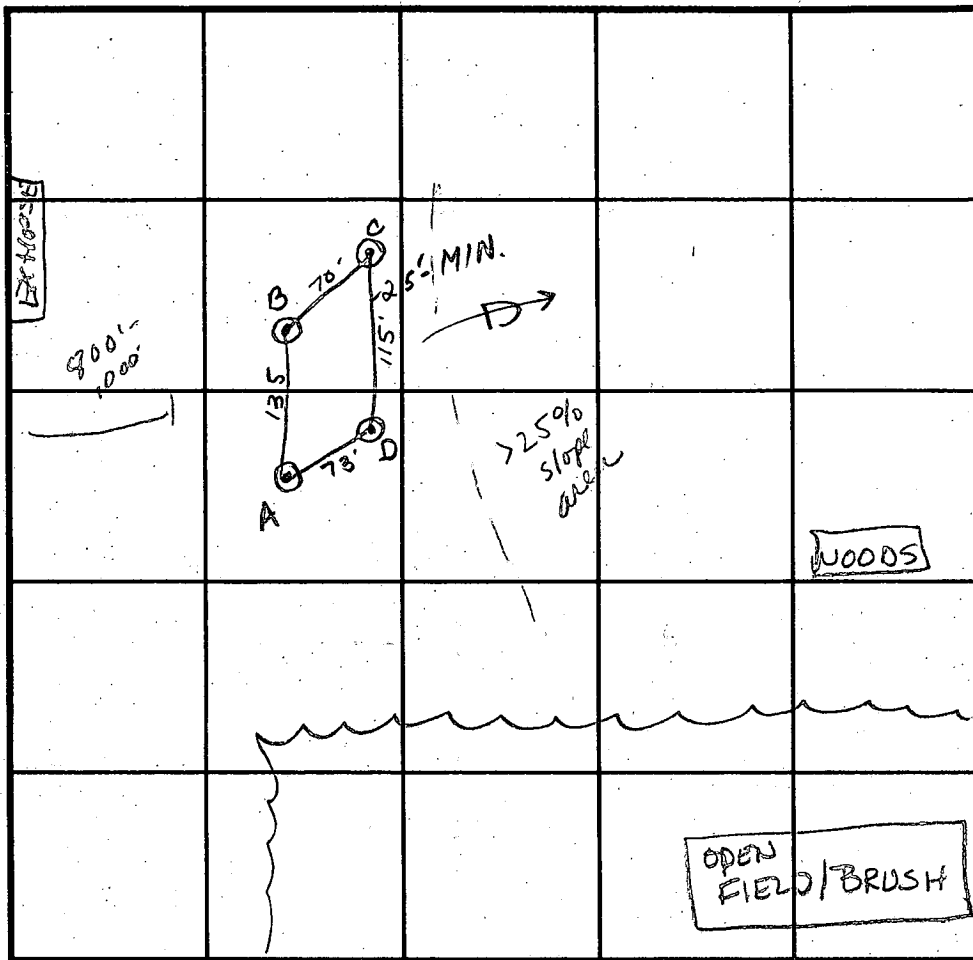
C

red/brn CL

orange SL  
saprolite OK

light grey SL  
saprolite OK

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	A	6' VII'	1:30 <sup>15</sup>	1:30 <sup>45</sup>	1:30 <sup>45</sup>	1:32	1 1/4 min
		3 1/2' VII'	1:33 <sup>35</sup>	>30 min. too slow			F
	D	3 1/2' XIO'	1:36 <sup>45</sup>	1:48	1:48	1:15	27 min
	B	3' VII	1:44 <sup>30</sup>	1:45 <sup>30</sup>	1:45 <sup>30</sup>	1:47	1 1/2 min
		6' VII	1:44	1:44	1:44 <sup>30</sup>	1:45	30 sec
	C	3' VII'	1:50 <sup>30</sup>	1:51 <sup>15</sup>	1:51 <sup>15</sup>	1:54	2 3/4 min

REMARKS shallow only  
 TYPE OF SOIL MIDB Manor loam  
 TESTED BY A McMillen / M. Rifkin ALSO PRESENT R. Demitt  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 min TRENCH WIDTH 2'  
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 7 1/2 SQ. FT./BEDROOM 180

C1 3639

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

PERMIT 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 48915 D

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received grid

DATE WELL COMPLETED 040395

Depth of Well 480 (TO NEAREST FOOT)

PERMIT NO. HA0-99-0402

OWNER Demmitt Richard last name first name STREET OR RFD Summer Hills Dr TOWN W. Friendship SUBDIVISION SOBOS FARMS SECTION LOT 22

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for SAND and GRAY MICHA Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 9, NO. OF POUNDS 846.

CASING RECORD: casing types insert appropriate code below. Includes ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE: PL, Nominal diameter 6, Total depth 41.

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

SCREEN RECORD: screen type or open hole insert appropriate code below. Includes ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

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

WELL HYDROFRACTURED: YES (Y) or NO (N).

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), 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...

DRILLERS IDENT. NO. 21

DRILLERS SIGNATURE Joseph Mayne

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

DEPTH (nearest ft.) table with rows 1-3 and columns 8-21. Includes SLOT SIZE and DIAMETER OF SCREEN.

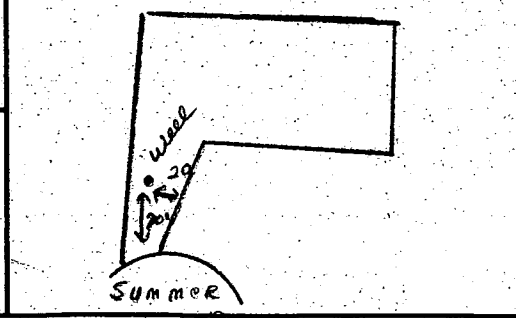
GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (TELESCOPE CASING), (E.R.O.S.), W Q (LOG INDICATOR), OTHER DATA.

PUMPING TEST: HOURS PUMPED (nearest hour) 6, PUMPING RATE (gal. per min. to nearest gal.) 1, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 43, WHEN PUMPING 329, 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.

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).



1/23/97  
Anytime

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

Fax 313-2648 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt \$ \_\_\_\_\_  
Date 1/22/97

Name of Installer ROBERT L. FEEZER CO. INC

Telephone 781-4653

License Number 2122

Certified Well Pump Installer  Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner ANTHONY HOUSE (3A)

Telephone 795-1405

Subdivision SOBUS FARMS Lot # 22

Well Tag # HO-94-0402

Site Address 2938 SUMMIT HILL DRIVE

- |   |  |                         |
|---|--|-------------------------|
| 1. Type   | Motor                                      | Pitless Adapter         |
| a. Deep well jet _____  | 1. Horsepower <u>1</u>                     | 1. Make <u>HANSON</u>   |
| b. Shallow well jet _____   | 2. RPM <u>3450</u>                         | 2. Model # <u>PT800</u> |
| c. Submersible <input checked="" type="checkbox"/>  | 3. Voltage _____                           | 3. Depth <u>42</u>      |
| 2. Make <u>STARTE</u>   | a. 110 _____                               |                         |
| 3. Model # <u>5 G.P.M.</u>  | b. 220 <input checked="" type="checkbox"/> |                         |
| 4. Capacity <u>3745 GPM</u>   |  |                         |
| 5. Pump exceeds well capacity Yes <input checked="" type="checkbox"/> No _____  |  |                         |
| 6. If Yes, is low pressure cutoff switch installed? Yes _____ No <input checked="" type="checkbox"/>  |  |                         |
| 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards <input checked="" type="checkbox"/> Other _____ |  |                         |

- Tank CAPTIVE AIR  
WELL TANK
- Capacity 34 GALS.
  - Pressure relief valve? YES

- Piping
- Type Poly
  - Size 1/2"
  - NSF and/or BOCA Code approved YES
  - Depth of supply line 42"

- Well data
- Depth 420 ft.
  - Yield 1 GPM
  - Static water level \_\_\_\_\_ ft.
  - Will water supply be disinfected by installer? YES

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: Anthony J. Feezer

Date: 1/22/97

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

Copy of Signed  
perc Cert  
S-94-33

P 22 E

P 22 C

H. ARTHUR  
LITTON F.C.

D. UNDI  
L 71 + F. 742

LOT 2

S 77' 46" USC

LOT # 25

LOT # 23

TRANS E

APPLIC

LOT # 22

LOT # 24

LOT # 21

LOT # 27

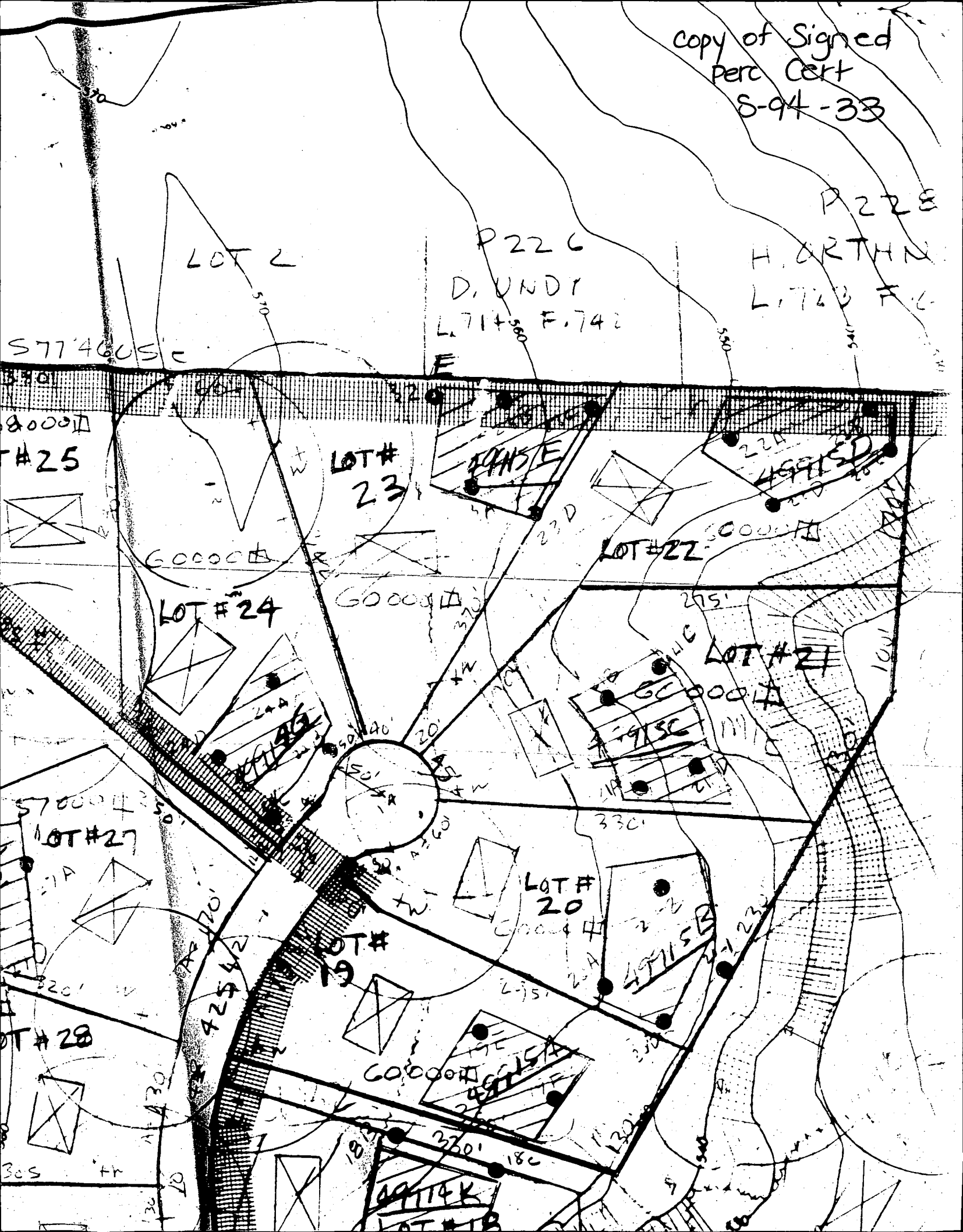
LOT # 20

LOT # 19

LOT # 28

APPLIC

APPLIC  
LOT # 18





742  
P-95-15  
copy

LOT # 25

LOT # 23

LOT # 24

LOT # 27

LOT # 27

LOT # 18

LOT # 18

FF=72°  
BF=62°

FF=72°  
BF=62°

FF=72°  
BF=62°

FF=53°  
BF=48°

FF=65°  
BF=55°

FF=69°  
BF=53°

FF=69°  
BF=59°

FF=65°  
BF=53°

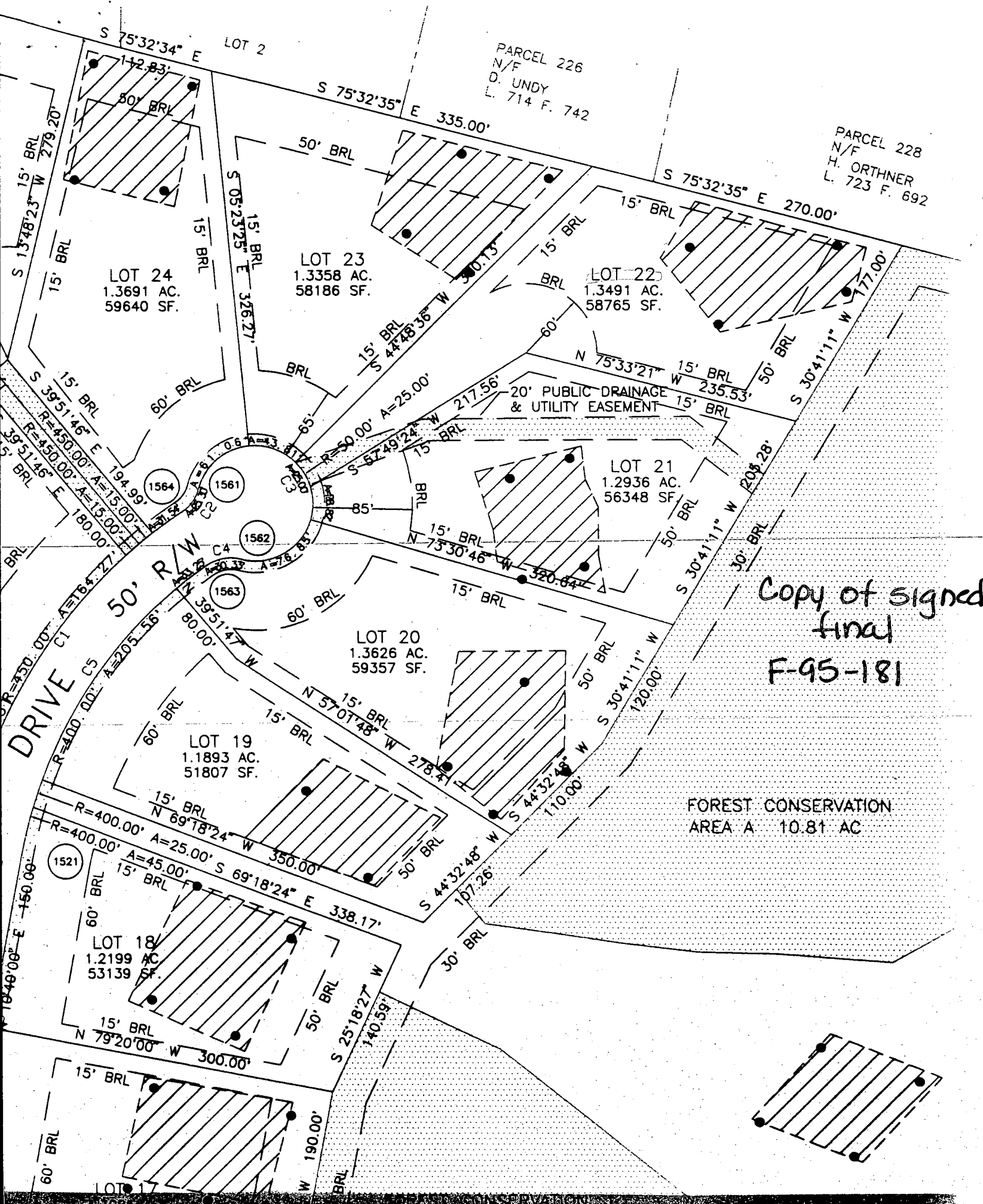
FF=24°  
BF=14°

FF=53°  
BF=43°

51,600

TO A R  
PRE

C3	50.00'	235.54'	70.77'	S 30°24'19" E	269°54'32"	50.00'
C4	35.00'	30.33'	29.39'	N 79°43'27" E	49°38'58"	16.00'
C5	400.00'	308.80'	301.19'	N 32°46'59" E	44°13'58"	162.00'



Approved revised  
perc cert change  
due to lot line  
mistake

STATION 9+80 PC - 14+00  
R = 425'

25' COMMON DRIVEWAY  
EASEMENT LOTS 24, 25 AND

6/19/96

STREET TREES  
MEDIUM SIZE 40' 9"

LOT 3

LOT 2  
TREE LINE  
TO REMAIN

P 22 C  
D. UNDY  
L 71 F. 7

Ch B2  $S 77^{\circ} 46' 05'' E$

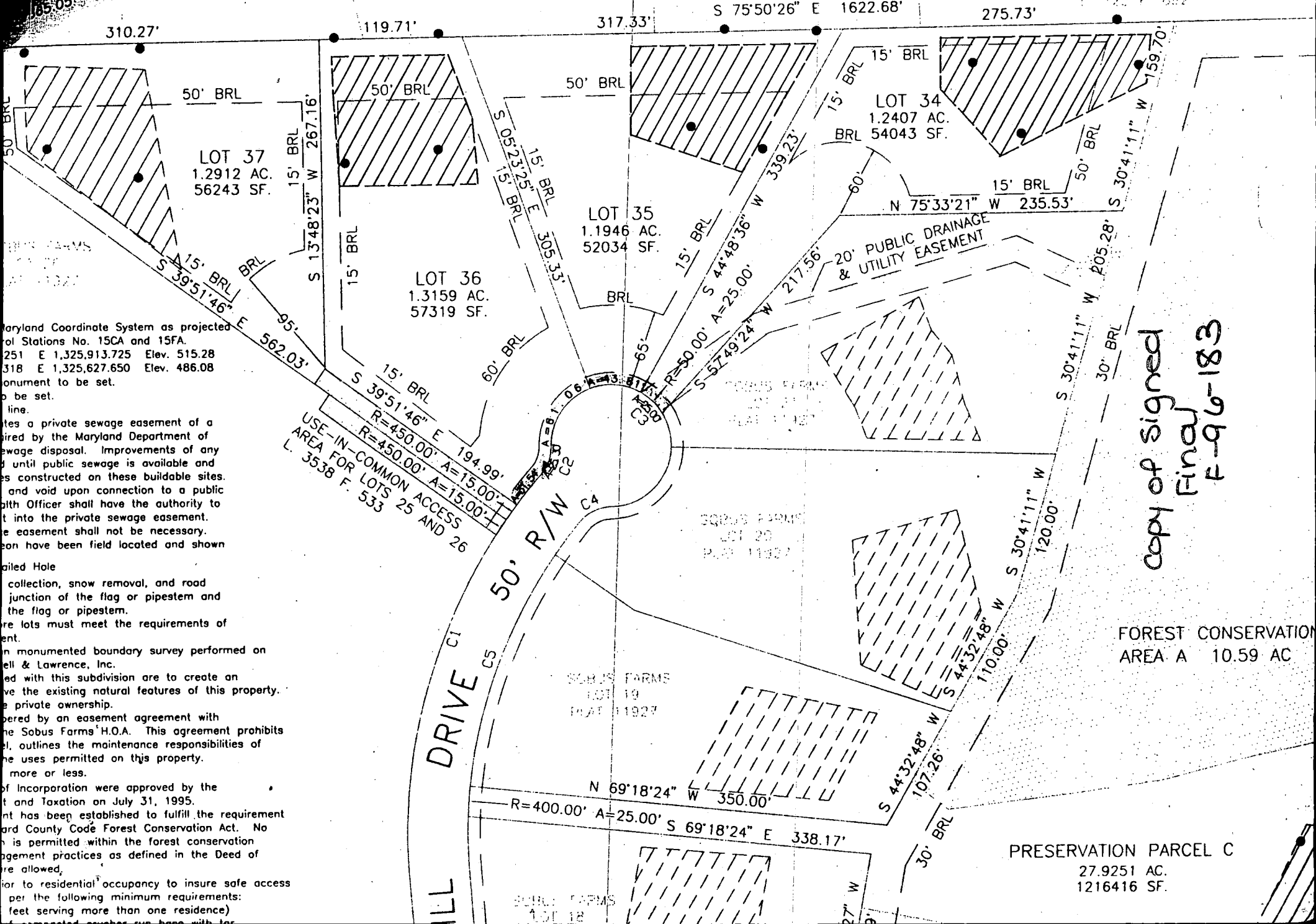




LOT 3

HEBB PROPERTY  
PLAT 5850

DATE: 7/28  
BY: [unclear]  
TITLE: [unclear]  
1725 F. 602



LOT 37  
1.2912 AC.  
56243 SF.

LOT 35  
1.1946 AC.  
52034 SF.

LOT 36  
1.3159 AC.  
57319 SF.

LOT 34  
1.2407 AC.  
54043 SF.

USE-IN-COMMON ACCESS  
AREA FOR LOTS 25 AND 26  
L 3538 F. 533

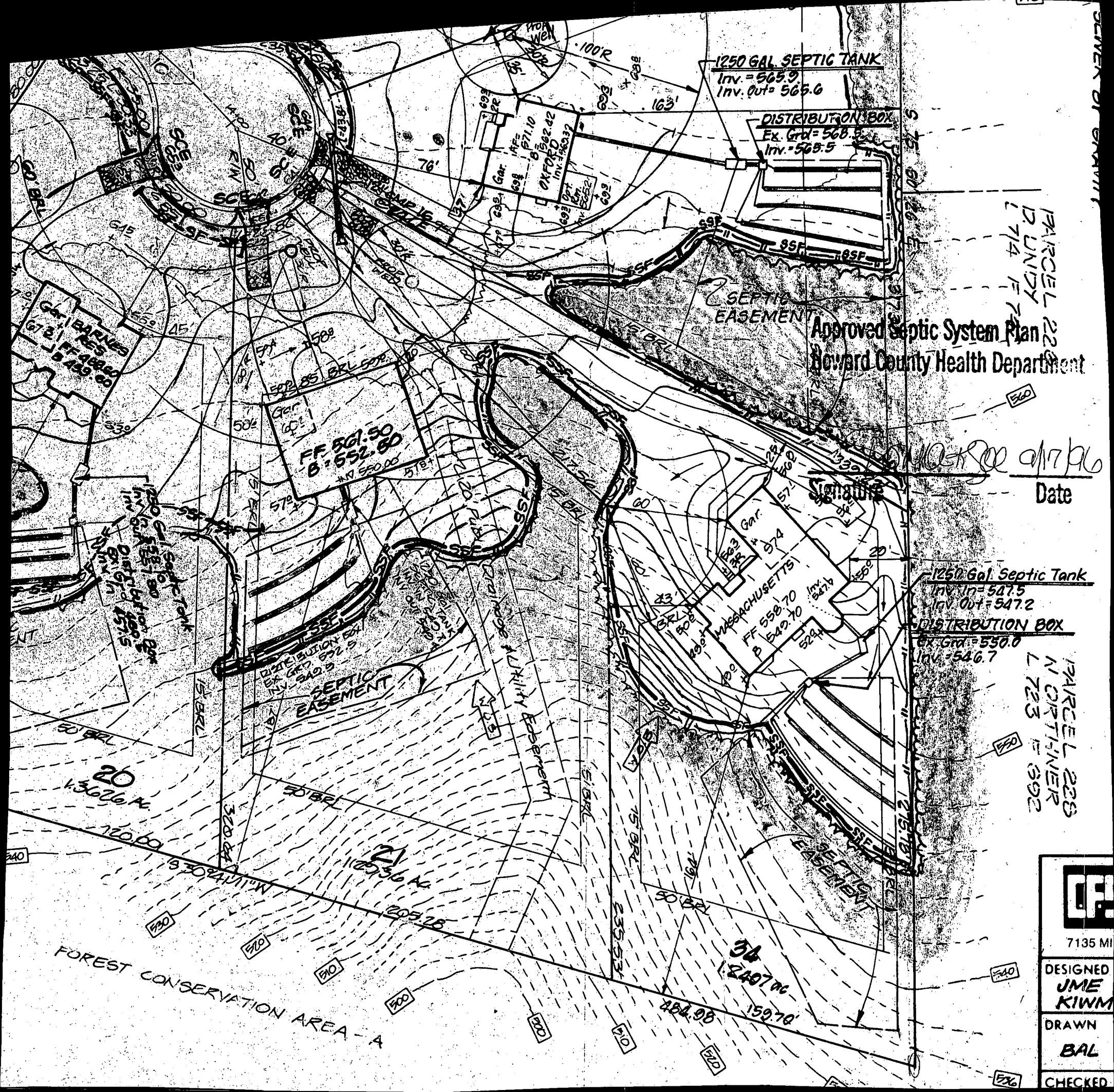
copy of signed  
Final  
F-96-183

FOREST CONSERVATION  
AREA A 10.59 AC

PRESERVATION PARCEL C  
27.9251 AC.  
1216416 SF.

Maryland Coordinate System as projected  
of Stations No. 15CA and 15FA.  
251 E 1,325,913.725 Elev. 515.28  
318 E 1,325,627.650 Elev. 486.08  
monument to be set.  
to be set.  
line.  
ates a private sewage easement of a  
ired by the Maryland Department of  
sewage disposal. Improvements of any  
d until public sewage is available and  
es constructed on these buildable sites.  
and void upon connection to a public  
lth Officer shall have the authority to  
t into the private sewage easement.  
e easement shall not be necessary.  
on have been field located and shown

ailed Hole  
collection, snow removal, and road  
junction of the flag or pipestem and  
the flag or pipestem.  
re lots must meet the requirements of  
ent.  
n monumented boundary survey performed on  
ell & Lawrence, Inc.  
ed with this subdivision are to create an  
ve the existing natural features of this property.  
e private ownership.  
pered by an easement agreement with  
he Sobus Farms H.O.A. This agreement prohibits  
l, outlines the maintenance responsibilities of  
he uses permitted on this property.  
more or less.  
of Incorporation were approved by the  
t and Taxation on July 31, 1995.  
nt has been established to fulfill the requirement  
ard County Code Forest Conservation Act. No  
is permitted within the forest conservation  
agement practices as defined in the Deed of  
re allowed,  
or to residential occupancy to insure safe access  
per the following minimum requirements:  
(feet serving more than one residence)  
connected reaches run here with top



1250 GAL SEPTIC TANK

Inv. = 565.9  
Inv. Out = 565.6

DISTRIBUTION BOX

Ex. Grd = 568.5  
Inv. = 568.5

Approved Septic System Plan  
Howard County Health Department

PARCEL 22  
L 714 F 714

FF 551.50  
B = 552.80  
Inv. 550.00

1250 Gal. Septic Tank

Inv. In = 547.5  
Inv. Out = 547.2

DISTRIBUTION BOX

Ex. Grd = 550.0  
Inv. = 546.7

PARCEL 223  
L 723 F 302

Signature

Date



7135 MI

DESIGNED  
JME  
KIWM

DRAWN  
BAL

CHECKED

FOREST CONSERVATION AREA - A