

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXAB0392XX 313-2640

INDEXED

03-319830

P 58453-B

A 49914W

DISTRICT 3rd

DATE 5/14/97

DATE SYSTEM APPROVED 7-14-97

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 16 ROAD 2904 Summer Hill Drive

PROPERTY OWNER Frank Altieri

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 140 feet up the left (240.58') lot line and 100 feet off that same lot line. Run trenches on contour towards the right lot line as seen when facing the lot from Summer Hill Drive.

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

OK 3/28/97

PLANS APPROVED BY Amy McMillen/Donna K. Soe

REVISED DATE 032797

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

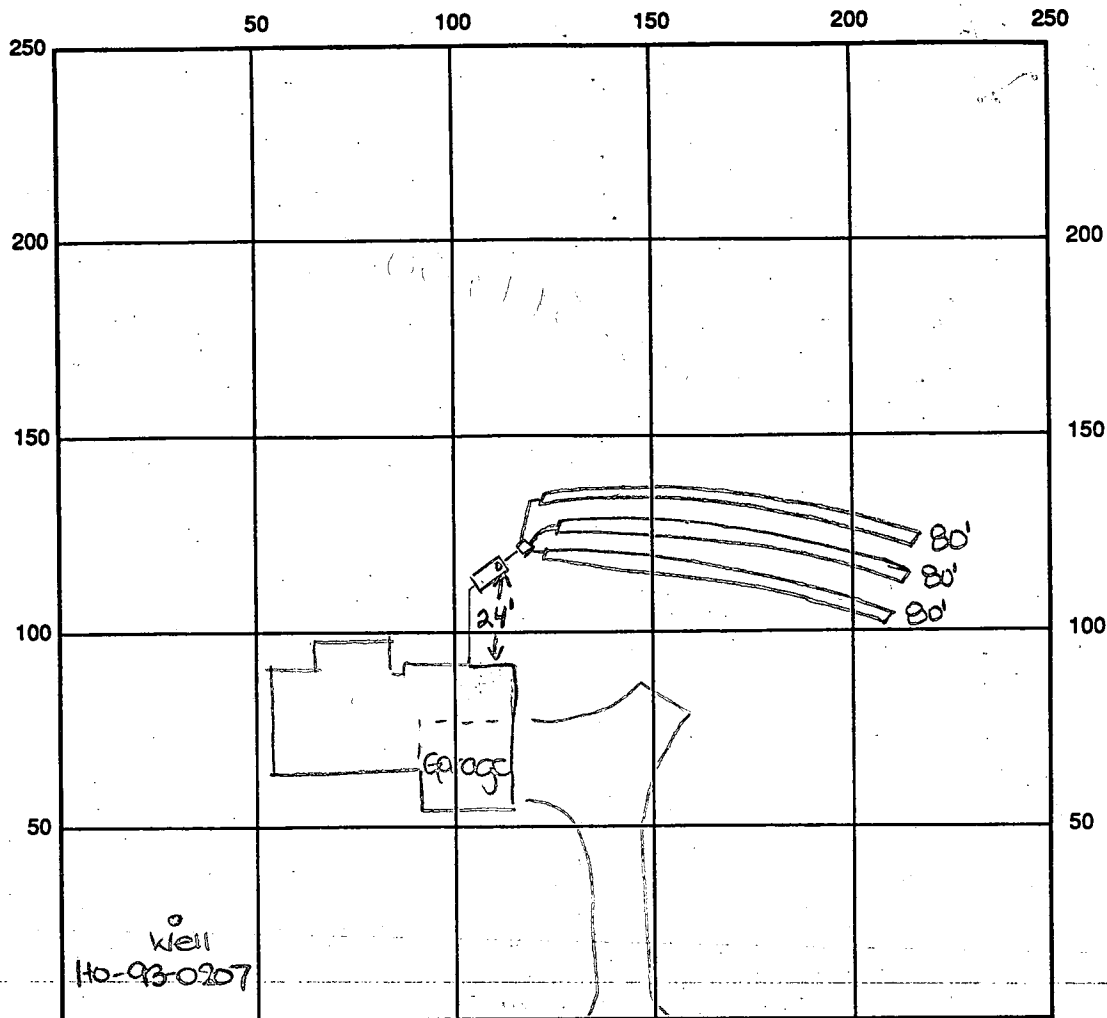
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-260(8-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

OLD RECORD
NO RECORD 6/1/01
300130582-deck

A 49914W



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1250 gal Summer Hill Drive CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffles in

DRAIN FIELD/TITLE DEPTH 5.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 3 x 80 FT. 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 7/11/97 OK to install trenches - leave ends open only due to safety issues
of leaving trenches open all weekend - fill in around septic tank also ALM
7-14-97 everything covered except for ends of trenches; could not take
any measurements KM

6/30/97 WPI - well line already covered - nothing to inspect. OKS

DATE SYSTEM APPROVED 7-14-97 INSPECTOR Kimberly Maisto

APPLICATION

PERCOLATION TESTING

A 4994W

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

DISTRICT 3

DATE 3/8/94

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 Altieri 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. 15 (Fifteen)

ROAD AND DESCRIPTION at the end of Winfield Rd.
(2904 Summer Hill Drive)

TAX MAP 15 PARCEL # 26 & 154

SIZE OF LOT 1 acre + TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 3/8/94

Serial # B10104554
4B1010

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

A49914W

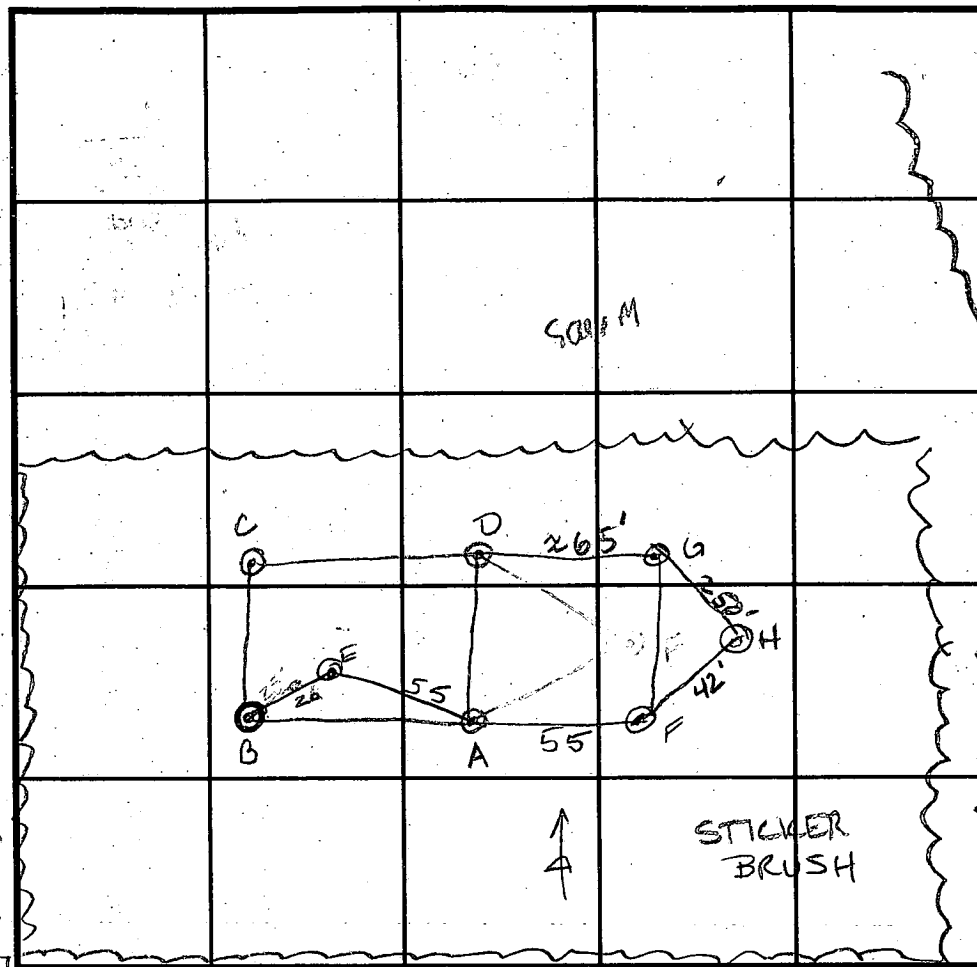
COUNTY #

SOIL PROFILE

0' A
topsoil
6" red/orange
brn
SCL
4" grey/brn
SL
mica
chunks
5%

11" C
1' brn
C
1 1/2' lighter
brn/
tan
SL
5%
mica/shale
frags
hard
bottom

3' D
brn
CL
brown
w/ slight
hint of
orange
SL
mica
15%
frica



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' E
brn &
red
MIX
OK
<5% shale
11" G
Same
as
F
<5%
shale
11" B
>50%
fractured
rock
11" E
OK
40%
rock

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/23/94	A	3 1/2 VII	2:15 ¹⁵	2:16	2:16	2:18	2 min
	C	Visual	9 1/2	not using			OK
	B	>50% rock	Visual	11'			F
	A	6 VII	2:15 ⁴⁵	2:16 ¹⁵	2:16 ¹⁵	2:17	45 sec
	D	VII	2:23 ¹⁵	2:23 ¹⁵	2:23 ¹⁵	2:23 ⁴⁵	30 sec
		repour	2:24 ¹⁵	2:25	2:25	2:25 ⁴⁵	45 sec
		VII	2:24	2:25 ³⁰	2:25 ³⁰	2:28	2 1/2 min
	E	Visual	to 11'				OK
	F	Visual	to 11'				OK
	G	Visual	to 11'				OK

REMARKS shallow USE A-D-F-G-H
 TYPE OF SOIL CgC₂ Chester Gravelly Silt Loam
 TESTED BY A McMillen / M Rifkin ALSO PRESENT R Demitt
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 3'
 INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 4' SQ. FT/BEDROOM 180 ft²

#49914W

COUNTY #

SOIL PROFILE

0' H

SL
orange
brn
<5%
mica
frags-
no
distinct
clay
layer

SEE
ATTACHED
PAGE
FOR
DIAGRAM

SOIL PROFILE

0'

--

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/23/94	H	Visual to 11'					OK

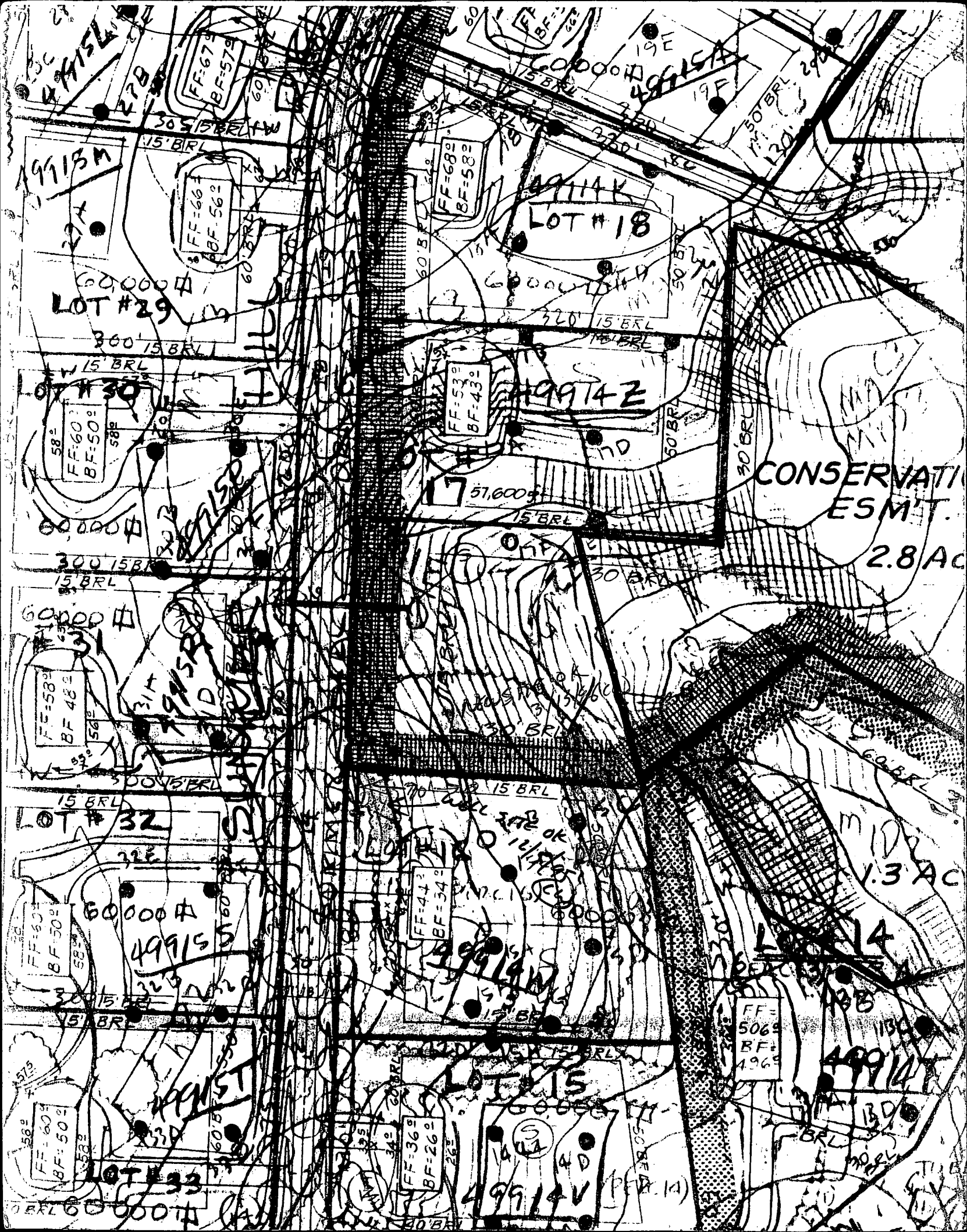
REMARKS

TYPE OF SOIL

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

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM



49915L

19913M

LOT #29

LOT #30

LOT #31

LOT #32

LOT #33

LOT #34

LOT #35

FF=67
BF=57

FF=66
BF=56

FF=60
BF=50

FF=58
BF=48

FF=53
BF=43

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FF=27
BF=17

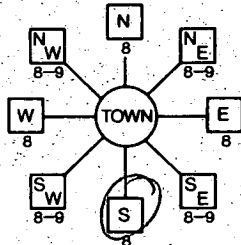
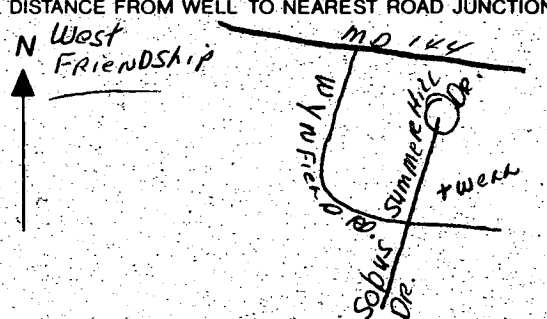
FF=26
BF=16

FF=25
BF=15

FF=24
BF=14

EMERGENCY/TEMP NO. IF ANY

B 1 1973		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND PERMIT TO DRILL WELL please print or type		STATE PERMIT NUMBER H0-93-0207 70 fill in this form completely 79	
1 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)							
Date Received (APA) 110695				OWNER INFORMATION			
Demmitt				Richard			
PO Box 228				CLARKSVILLE			
MD 21029							
DRILLER INFORMATION				CIRCLE: MSD/MGD/MWD			
Joseph L. Mayne				24			
Joseph L. Mayne Well Drilling				5512 Ridge Rd. Mt. Airy 21771			
Signature				Date 11/6/95			
B 2				WELL INFORMATION			
APPROX. PUMPING RATE (GAL. PER MIN.)				5			
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)				500			
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 300 FEET							
APPROXIMATE DIAMETER OF WELL 6 INCH							
METHOD OF DRILLING (circle one)							
☒ BORED (or Augered) ☐ JETTED ☐ Jettied & DRIVEN							
☒ AIR-ROTARY ☐ AIR-PERCussion ☐ ROTARY (Hydraulic Rotary)							
☐ CABLE ☐ REverse-ROTary ☐ Drive-POINT							
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 DEEPEN AN EXISTING WELL							
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41							
Not to be filled in by driller (MDE OR COUNTY USE ONLY)							
APPROX. PERMIT NUMBER 54 GAP 63							
FORCE 67 68 WRITE INITIALS IN BOX PERMIT No. H0-93-0207 70 71 72 73 74 75 76 77 78 79							
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -							

B 3		LOCATION OF WELL	
Howard		8 COUNTY	
SOBUS		23 SUBDIVISION	
SECTION		LOT 16	
WEST FRIENDSHIP		52 NEAREST TOWN	
MILES FROM TOWN (enter 0 if in town)		1 1/2 MI	
B 4		Summer Hill Dr.	
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)		NEAR WHAT ROAD	
		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)	
		20	
		DISTANCE FROM ROAD	
		ENTER FT OR MI FT	
		TAX MAP: _____ BLK: _____ PARCEL _____	
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL			
Howard A49914W			
COUNTY NAME COUNTY NO.			
STATE SIGNATURE DATE ISSUED 120595 CO SIGNATURE 12/4/96 EXP. DATE			
NORTH GRID 529000 EAST GRID 0817000			
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			
8107			
53029			
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION			
			

C10138

SEQUENCE NO.
(MDE-USE ONLY)

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

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

COUNTY
NUMBER

A49914-W

STACO USE ONLY
DATE Received

DATE WELL COMPLETED

032796

Depth of Well

460

TO NEAREST FOOT

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

40-93-0207

OWNER

Demmitt

Richard

STREET OR RFD

Summer Hill Drive

TOWN

West Friendship

SUBDIVISION

Sobus Farms

SECTION

LOT

16

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	
Sand	0	30	
Gray Mica Rock	30	460	✓

GROUTING RECORD

WELL HAS BEEN GROUTED

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT

BENTONITE CLAY

NO. OF BAGS

10

NO. OF POUNDS

940

GALLONS OF WATER

60

DEPTH OF GROUT SEAL (to nearest foot)

from

0

ft. to

31

ft.

CASING RECORD

casing types insert appropriate code below

ST

STEEL

CO

CONCRETE

PL

PLASTIC

OT

OTHER

MAIN CASING TYPE

SH

Nominal diameter top (main) casing (nearest inch)

6

Total depth of main casing (nearest foot)

34

OTHER CASING (if used)

diameter inch

depth (feet) from to

SCREEN RECORD

screen type or open hole

ST

STEEL

BR

BRASS

HO

OPEN HOLE

PL

PLASTIC

OT

OTHER

NUMBER OF UNSUCCESSFUL WELLS:

0

WELL HYDROFRACTURED

Y

N

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.

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO.

24

DRILLERS SIGNATURE

Joseph L. Mayne

LIC. NO.

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

C2

DEPTH (nearest ft.)

460

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

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51

SLOT SIZE 1

2

3

DIAMETER OF SCREEN

56

60

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

74

75

76

70

72

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour)

6

PUMPING RATE (gal. per min.)

001.5

METHOD USED TO MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

38

ft.

WHEN PUMPING

400

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 WILL INSTALL PUMP (CIRCLE) (YES or NO)

YES

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

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

2

(nearest foot)

50

51

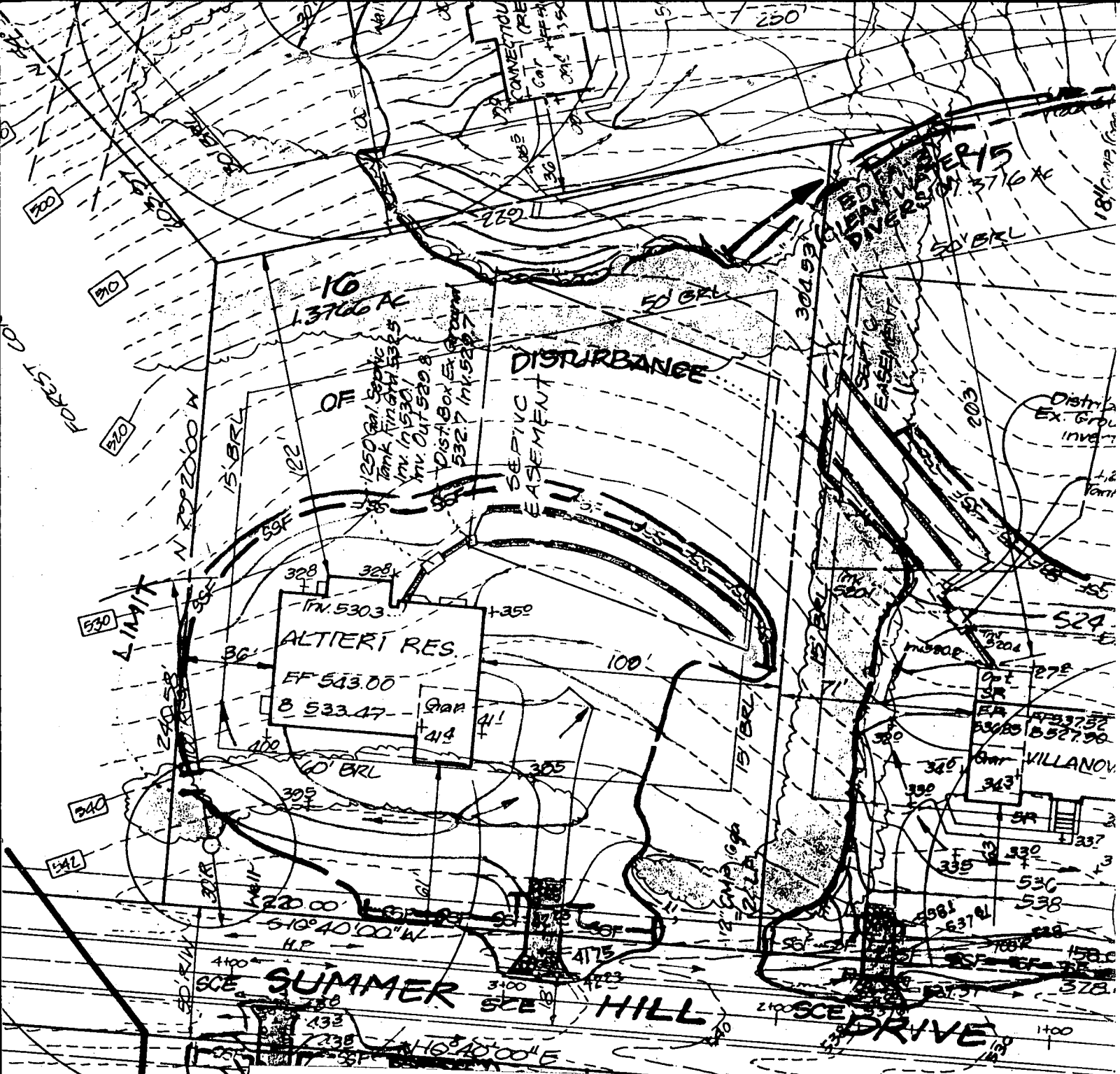
LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

Summer Hill Dr.

40'

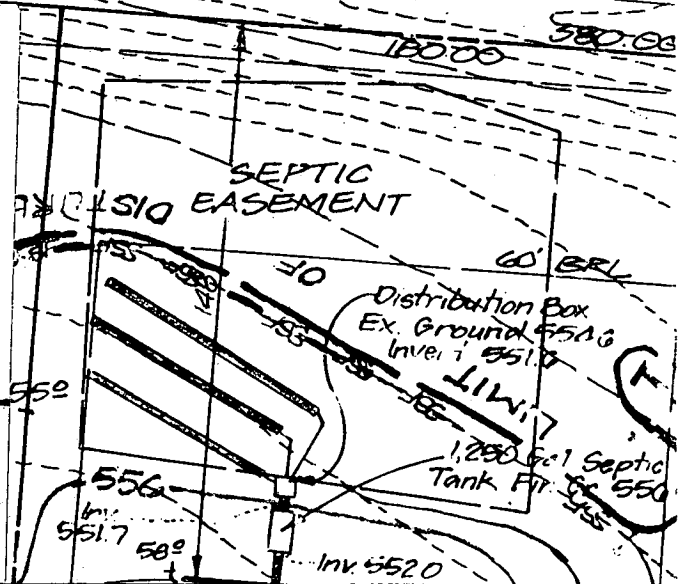
10'



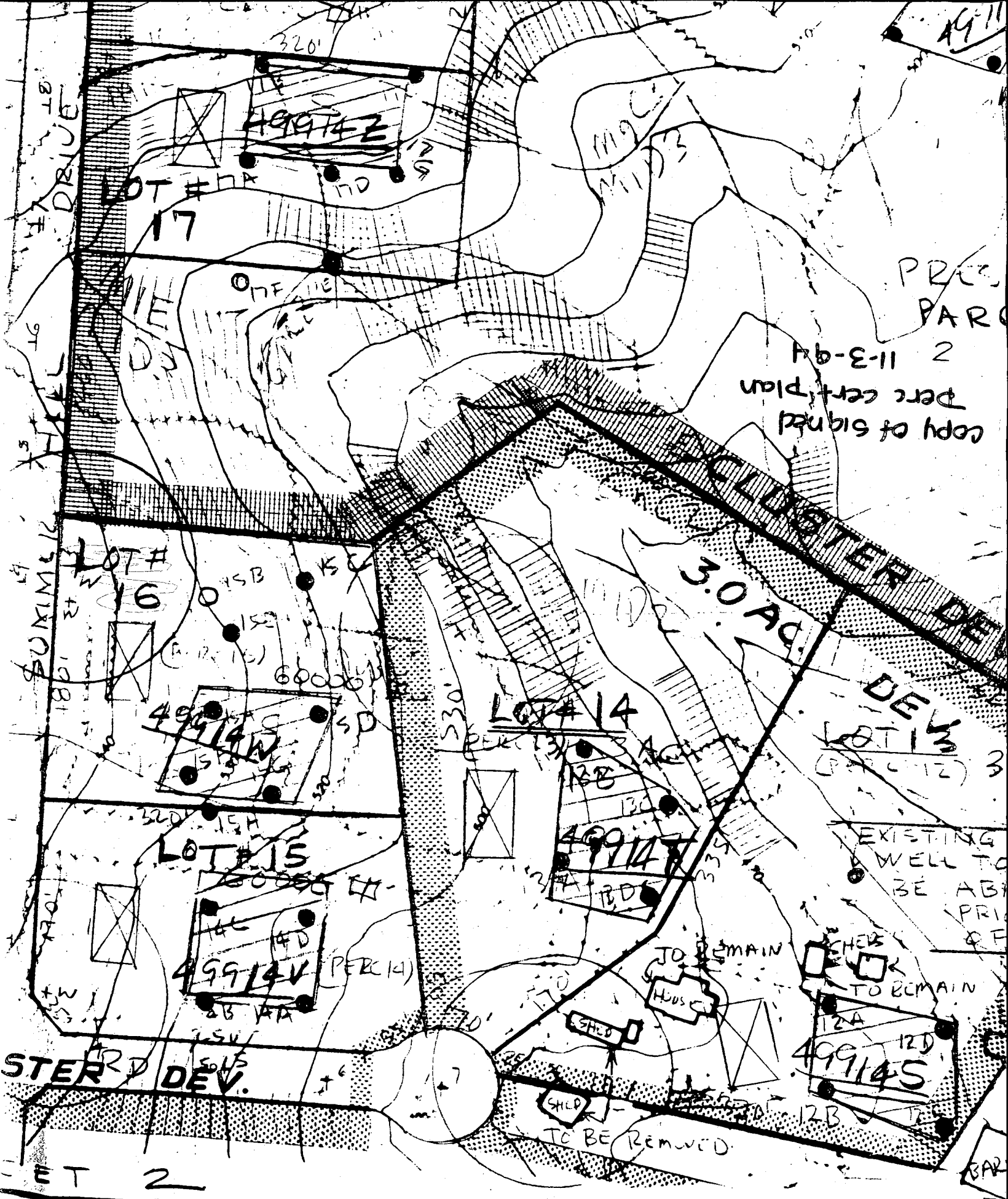
Approved Septic System Plan
Howard County Health Department

[Signature]
Signature

3/27/97
Date



MATCH LINE - SEE
57°20'00"E
Area to be Deleted



~~PREP~~
~~PARC~~

copy of signed
per cert plan
11-3-94 2

CLUSTER DE

3.0 AC

DEL
LOT 13
(PAC 12) 3

EXISTING
WELL TO
BE AB
PRI

TO REMAIN

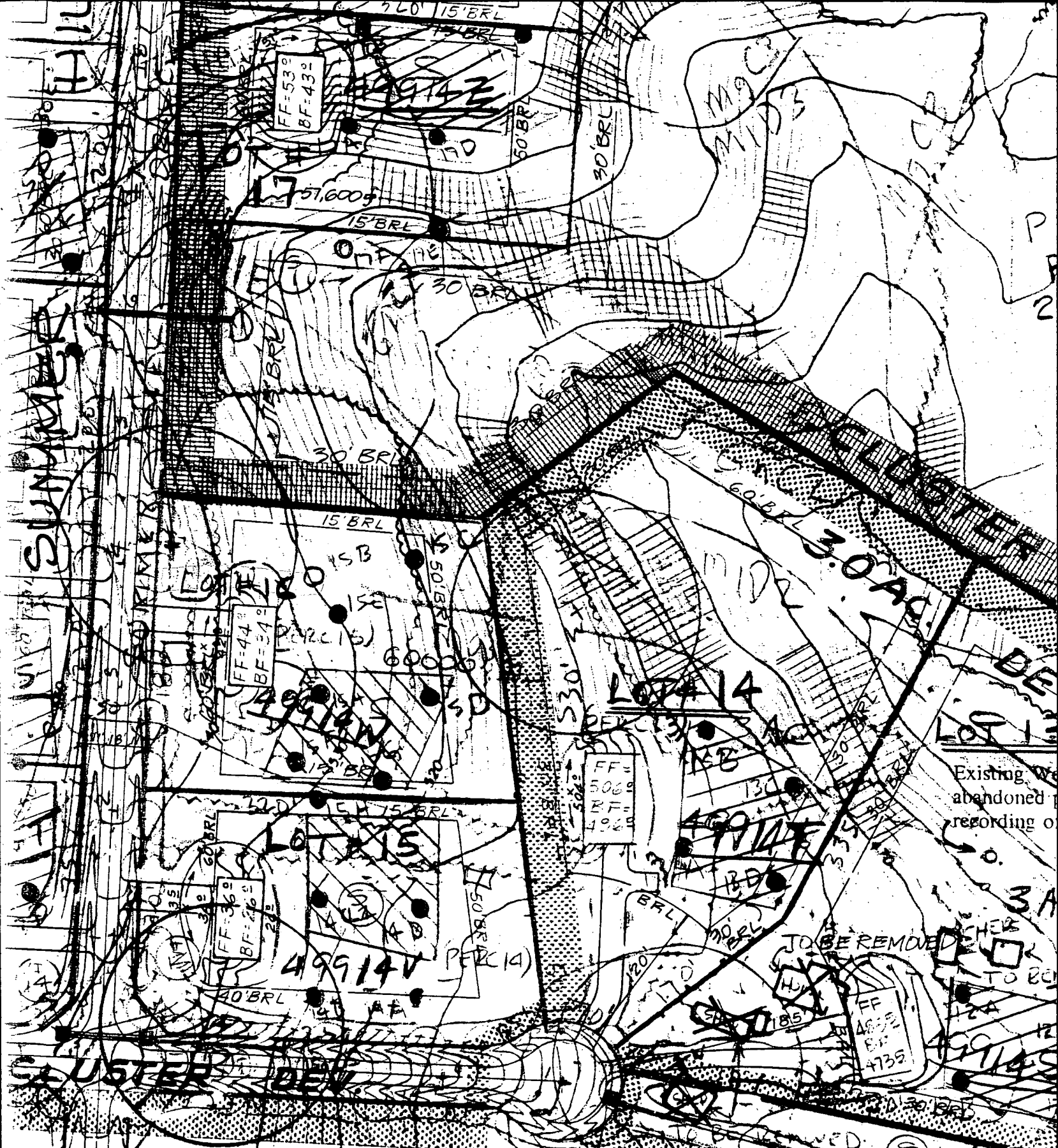
A hand-drawn map of the site. At the top, a line is labeled 'JO REMAIN'. Below it, a building is labeled 'Hous'. To the left, another building is labeled 'SHED'. An arrow points from the 'SHED' towards a large area at the bottom labeled 'TO BE REMOVED'. Another arrow points from the 'Hous' towards the same area. The map includes various lines representing boundaries or roads, and a large area at the bottom is shaded with a stippled pattern.

STER RD DEV. ^{SOLS}

ET 2

DATE _____

DEVELOPMENT



Existing We
abandoned
recording o

TO BE REMOVED

SHEET 2 ROAD

Copy

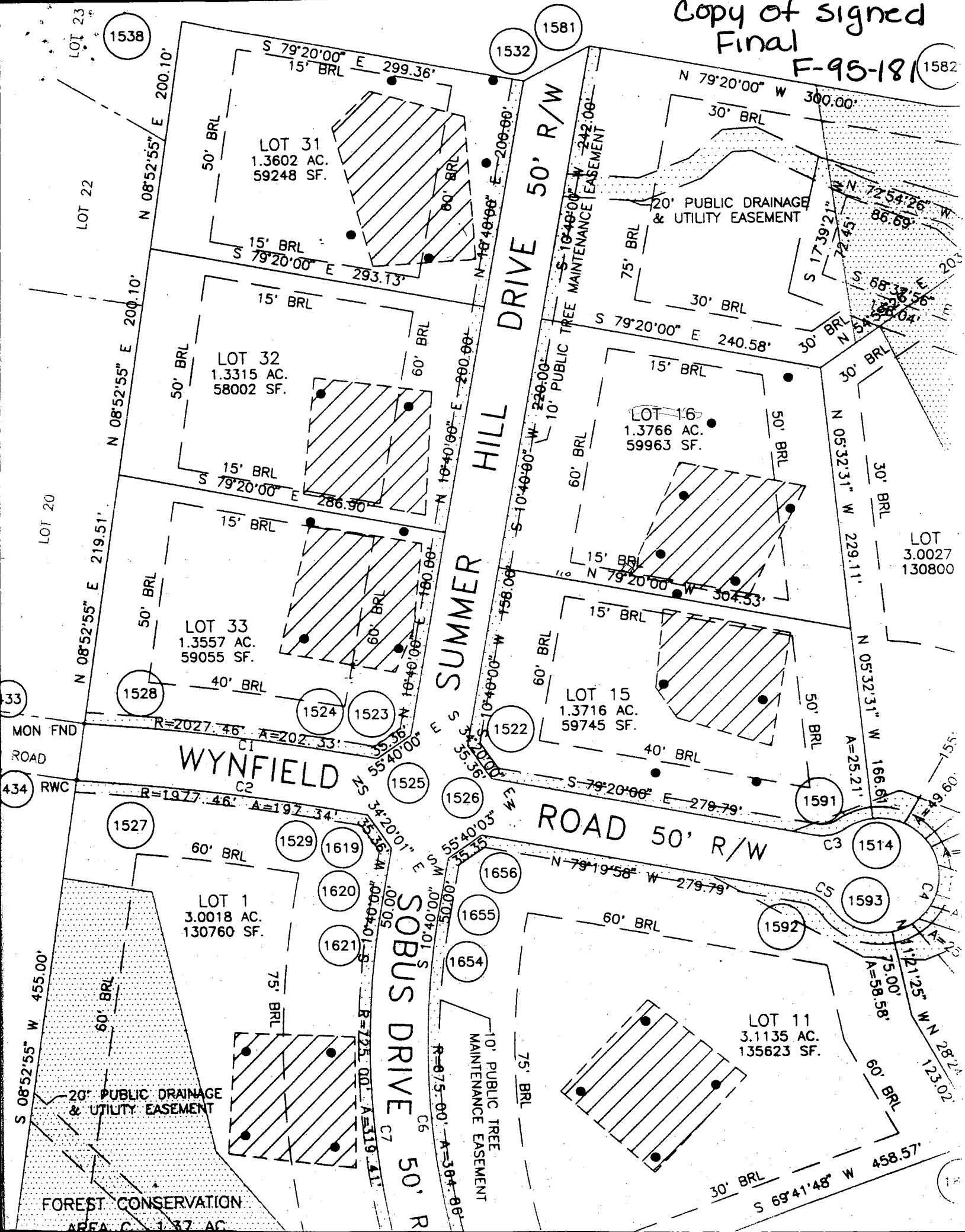
DATE

6-6-95
6-6-95
P-95-15



DEVELOPME
CONSULTAN

F-95-181 (1582)



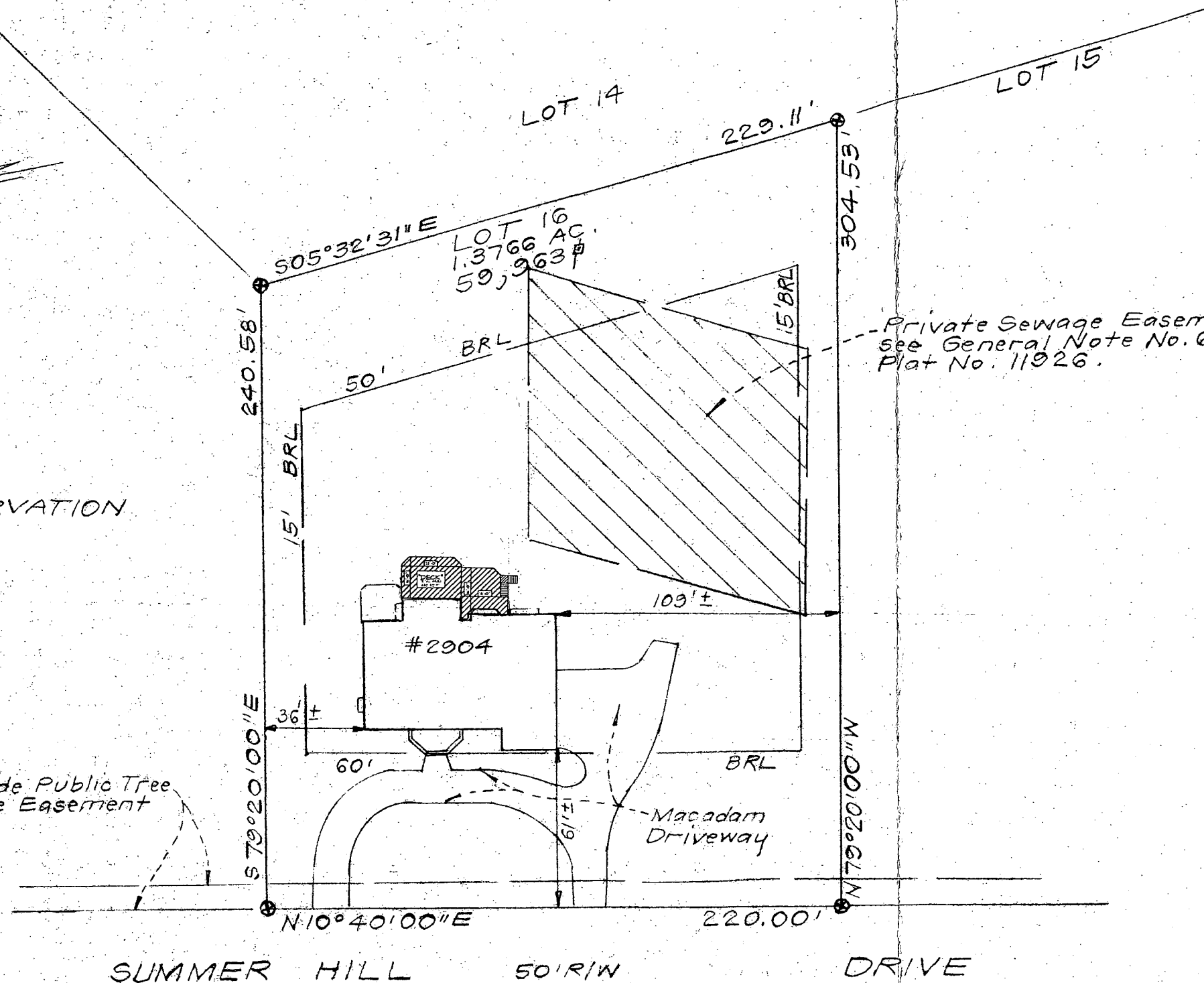
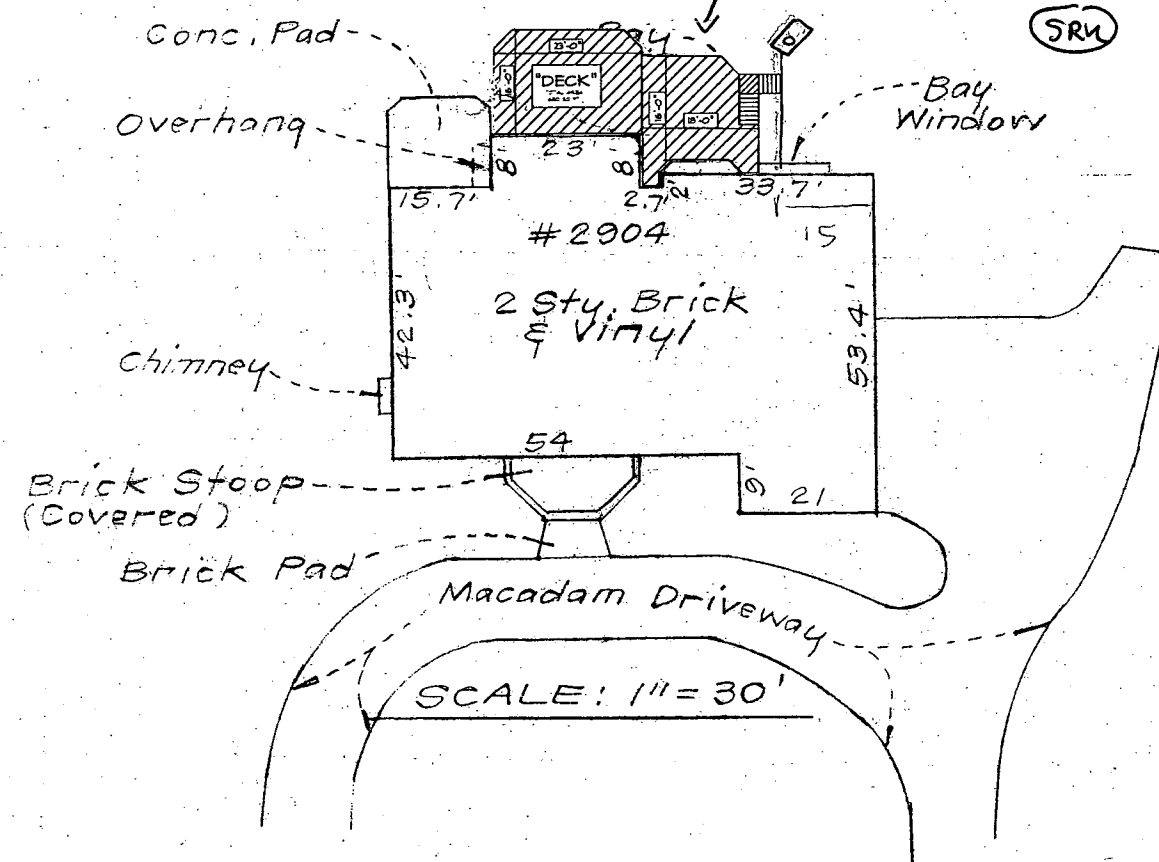
Kathy
410-715-4500

CONSERVATION
AREA B

NOTE: 10' Wide Public Tree
Maintenance Easement

Private Sewage Easement,
see General Note No. 6
Plat No. 11926.

6/1/01-
proposed deck
on 5' access to
tank. still exists
(SRU)



Plat Reference: PLAT NO. 11928

CLARK, FINEBROOK & SACKETT