5/28/97 AM

1/30/97 Needs house connection
5/28/97 house conn made KM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57581A

A 49914-Z

DISTRICT 3rd

DATE 11/26/96

DATE SYSTEM APPROVED 5-28-97

INSPECTOR KM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

03-319849

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL _____ ALTER _____

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

SUBDIVISION Sobus Farms LOT 17 ROAD 2912 Summer Hill Drive

PROPERTY OWNER Altieri Homes, Inc. ~~BUILDING PERMIT SIGNED~~

ADDRESS ~~AND RETURNED~~

4-25-96 B00153307-DECK

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

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 (300.00') lot line and 15' off that same lot line as seen when facing the lot from Summer Hill Drive. Run trenches on contour toward the back 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. 7/26/96 OK ALM

PLANS APROVED BY Amy McMillen DATE 7/18/96 IR

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.

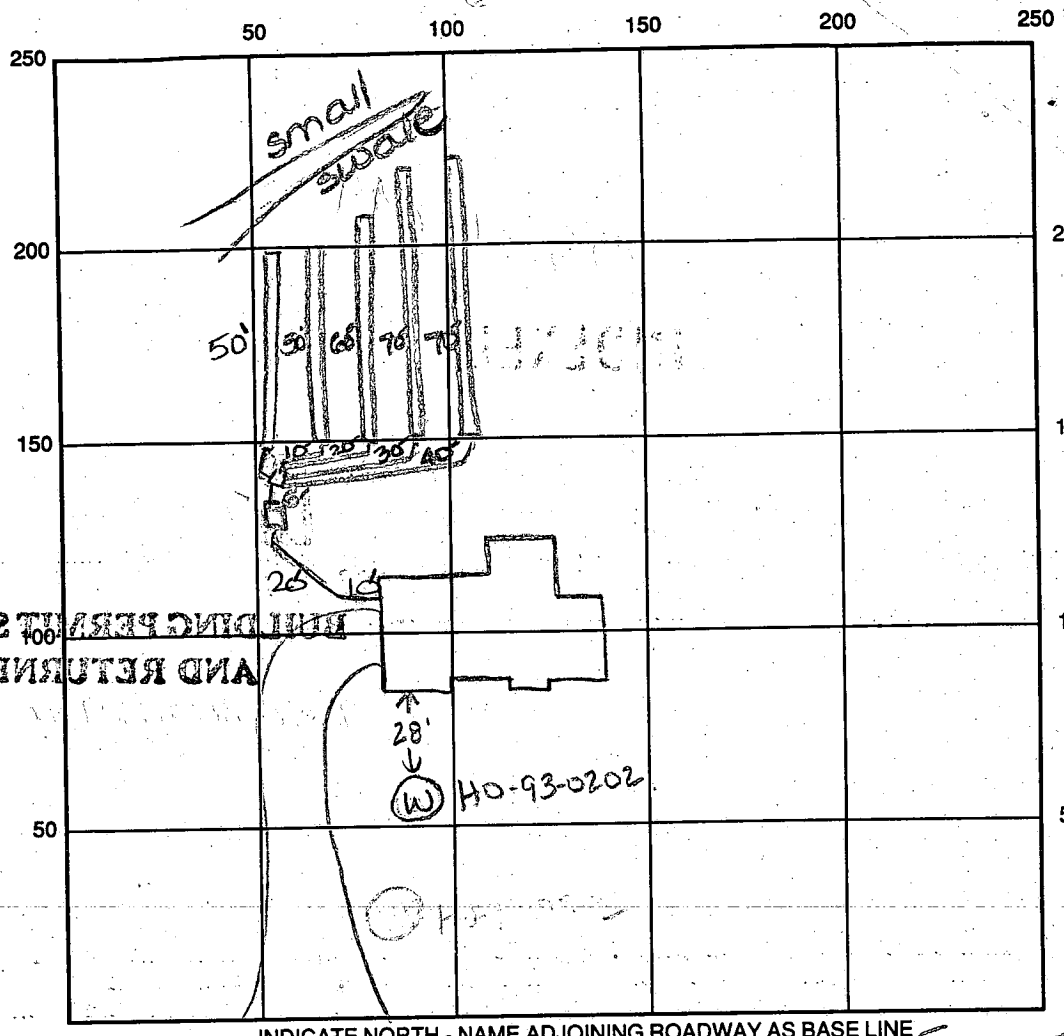
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

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

HD-260(6-90)

A 49914-Z



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Summerhill Drive

1' side (.62)

SEPTIC TANK LEVEL OK CLEANOUTS _____

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ① 50 ② 60 ③ 70 ④ 70 ⑤ 50 = 300 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

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

ABSORBENT AREA 900 SQ. FT.

REMARKS: 1-24-97 WPT ok to cover well line, casing needs to be raised, NO well tag number visible KM

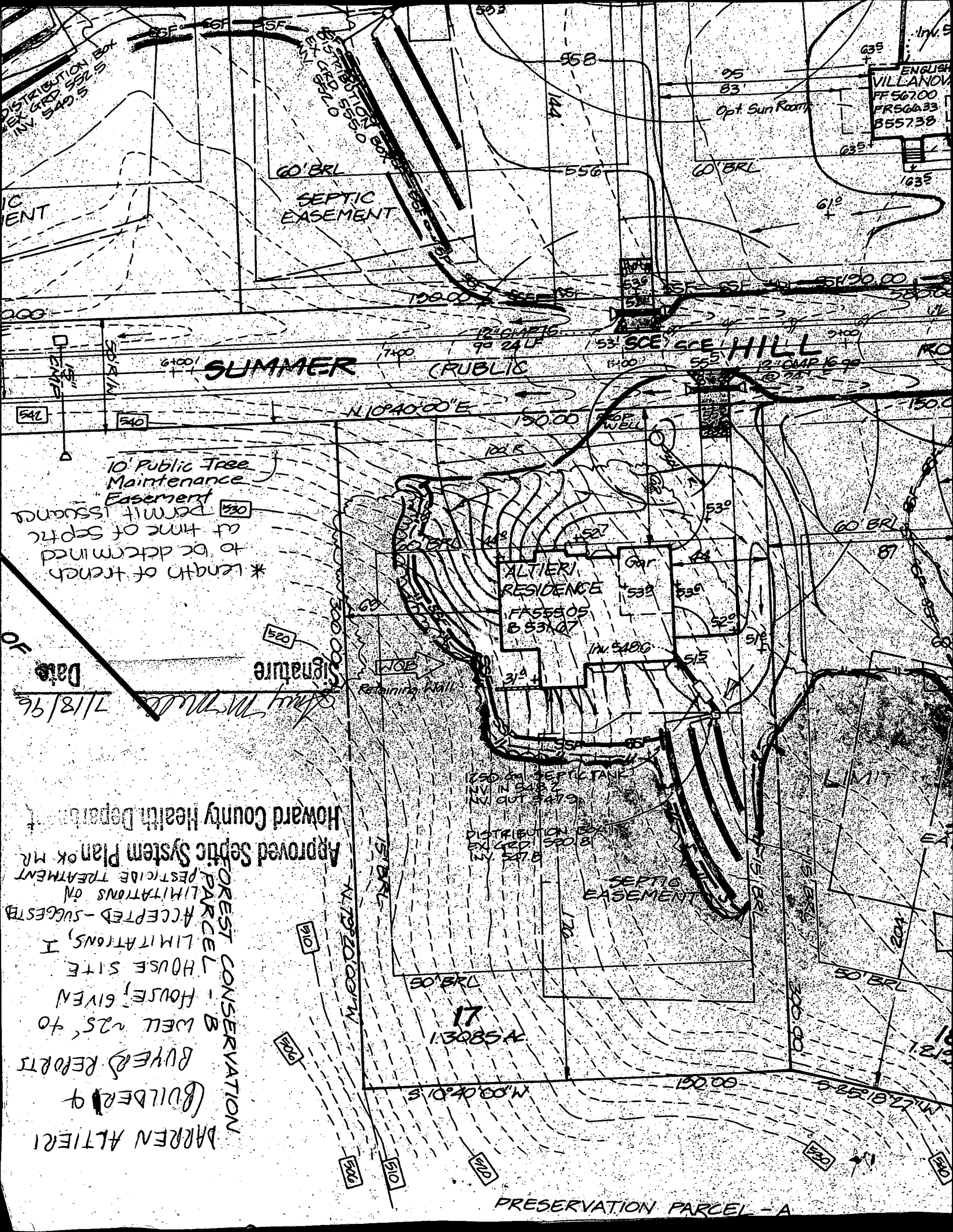
1-29-97 ok to cover first trench, casing on well still needs to be raised tag number still not visible KM/DKS

1/30/97 OK to continue work. DKS

1/30/97 (LATER) OK to cover work as completed. Needs house connection. DKS

DATE SYSTEM APPROVED 5-28-97 INSPECTOR Kim Maisto

5-28-97 house conn covered, ok'd inside connection (KM)


SUMMER
PUBLIC
HILL
SCE
SEPTIC EASEMENT
60' BRL
144'
N.10°40'00"E
150.00
S.10°40'00"W
150.00
S.85°18'22"W
300.00
N.85°02'24"E
300.00
ALTIERI RESIDENCE
FF539.00
BSMT 531.07
INV. 540.6
1250 gal. SEPTIC TANK
INV. IN 541.2
INV. OUT 541.9
DISTRIBUTION BOX
EX. GRD. 550.8
INV. 547.8
Retaining Wall
Opt. Sun Room
ENGLISH VILLANOVA
FF 567.00
BSMT 555.38
10' Public Tree Maintenance Easement
* Length of trench to be determined at time of septic permit issuance
17
1.3085 Ac.
PRESERVATION PARCEL - A
BARREN ALTIERI
Bulbers & Repairs
Well 425' to House! Given
House site limitations, I accepted - suggested limitations on pesticide treatment
FOREST CONSERVATION PARCEL B
Approved Septic System Plan ok MR
Howard County Health Department
Signature
Date
7/18/96

APPLICATION

PERCOLATION TESTING

A 49914Z

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 Alteri 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. Lot 17 17 (seventeen)

ROAD AND DESCRIPTION ~~at the end of Winfield Rd.~~ 2917 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 7-18-96
B00101138 5 Brms

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

HD-216 (3/92)

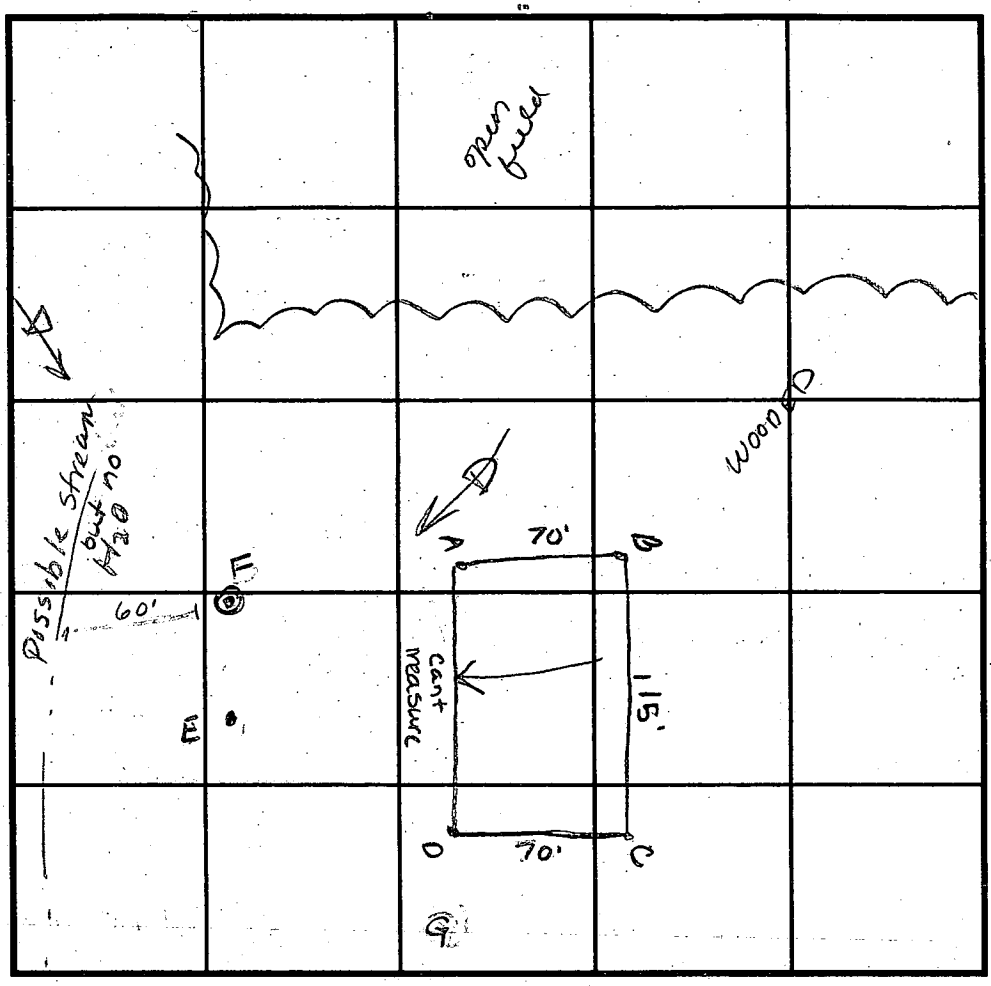
A 49914Z
COUNTY #

SOIL PROFILE

E.
0' orange brn C
3' white tan SL mica 10% to 15%
hard bottom 10'

F
8' water

A
2' orange CL
lgt tan mica throughout OK
11½



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
B/D/C/G
0' red/brn CSL
1' reddish tan SL a lot of mica
12

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3/25/94	E	3½' / V10'	2:06	2:07 30	2:07 30	2:10 30	3min
3/25/94	F	Visual	9' water				F
3/30/94	B	5' / V12	10:45 30	10:46 15	10:46 15	10:48 30	1¼min
		2½ / V12	10:46	10:46 30	10:46 30	10:48 45	2¼min
	A	4' / V11½	10:50 30	10:50 50	10:50 50	10:51 50	1min
		repour	10:52	10:53 30	10:53 30	10:55 15	1¾min
	D	2½' / V12	11:00 15	11:10	11:10	11:30	20min
		6' / V12	10:59	11:00 30	11:00 30	11:02	1½min
	C	3' / V11	11:04 45	11:09	11:09	10:17	6min
9-21-94	G	3' / V12	1:28 1:30 30	1:29 1:32	1:29 1:32	1:30 1:33 30	1min 1½min DKS

REMARKS

TYPE OF SOIL MLE Manor Loam

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

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

INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5' SQ. FT/BEDROOM 180 ft²

C 1 | 0133 — SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 1-6 ON ALL CARDS)

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 A 49914-Z

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED: 1/21/95

Depth of Well: 365 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-93-0202

OWNER Demmitt (last name) Richard (first name)

STREET OR RFD Summerhill Drive TOWN West Friendship

SUBDIVISION Sobus Farms SECTION LOT 17

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 FROM	FEET TO	check if water bearing
Sand	0	25	
Gray Mica Rock	25	365	✓

Dry well 440' filled in with cement & drilling materials.

NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED: yes (Y) no (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

Joseph L. Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box): yes (Y) no (N)

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 9 NO. OF POUNDS 846

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 27 ft. (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL | CO CONCRETE | PL PLASTIC | OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)!	Total depth of main casing (nearest foot)
ST	6	29

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	depth (feet) to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL | BR BRASS BRONZE | HO OPEN HOLE | PL PLASTIC | OT OTHER

C 2

EACH SCREEN	DEPTH (nearest ft.)
1	46 to 27 to 365
2	
3	

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH)

GRAVEL PACK from ____ to ____

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 ____

TELESCOPE CASING | LOG INDICATOR | OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 007.5

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 56 ft.

WHEN PUMPING 178 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.

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

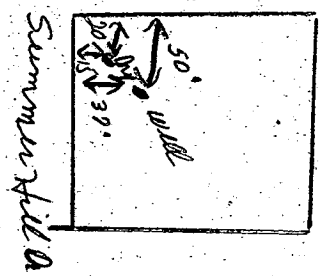
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) above (+) / below (−) LAND SURFACE

(nearest) foot

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)



COUNTY

Resolved
5-28-97

HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

January 30, 1997

Altieri Homes
9017 Red Branch Road, Suite 201
Columbia, Maryland 21045

RE: Sobus Farms, Lot #17
2912 Summer Hill Drive
Well Permit #HO-93-0202

Dear Sirs:

Upon inspection of the septic system installation at the above referenced property, it was observed that the well casing for the well installed under permit #HO-93-0202 terminates approximately two inches above present grade. According to COMAR, "a minimum of 8 (eight) inches of the casing length shall extend above ground level after final grading."

After final grading, please make certain that the well casing meets the COMAR standard. Any necessary casing repair should be performed by a licensed well driller. Please contact the Health Department once the well is ready for reinspection.

Please be advised that no Interim Certificate of Potability will be issued for the property until this issue is resolved.

Thank you in advance for your prompt attention to this matter.

Sincerely,

Donna K. Soe, R.S.
Water and Sewerage Program

DKS

cc: file

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323

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 1/28/97

Name of Installer ROBERT L. FEEZOR & SON, INC. Telephone 781-4677

License Number 2122
Certified Well Pump Installer ✓ Well Driller ____ Registered Plumber ✓

Name of Property Owner ALTIERI HOMES Telephone 795-1405
Subdivision SORRIS FARMS Lot # 17 Well Tag # T-?-?
Site Address 2912 SUMMERHILL DR. (TAG ATTACHED TO WELL)

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make STA-RITE
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 3450
3. Voltage ____
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make HARVARD
2. Model # PT-800
3. Depth 42"+

Tank CAPTIVE AIR WELL-X-TROL WX251
1. Capacity 62 GALS.
2. Pressure relief valve? YES

Piping
1. Type POLY.
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 42"+

Well data
1. Depth 360 ft.
2. Yield ? GPM
3. Static water level ____ ft.
4. 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).

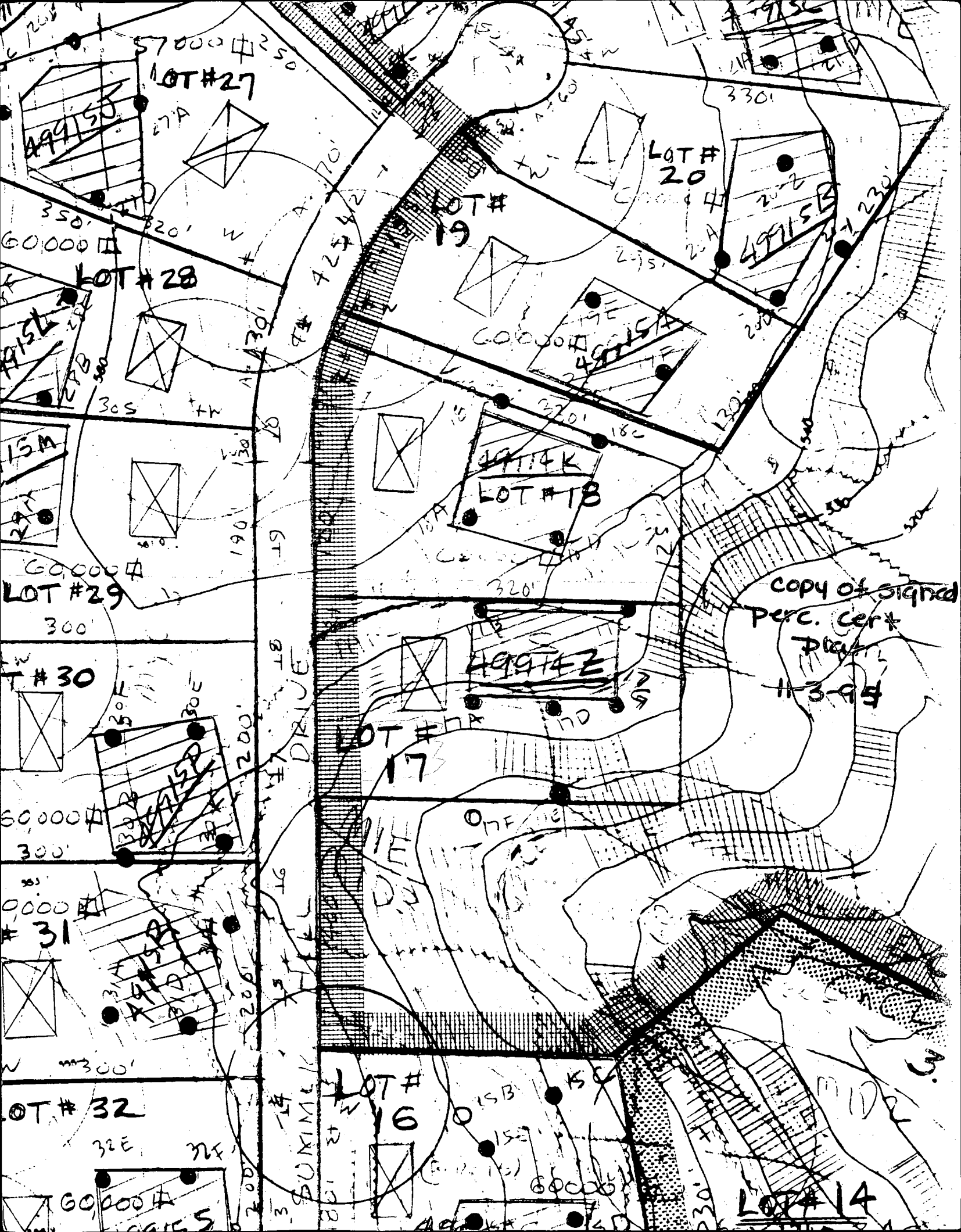
All information given above is true to the best of my knowledge.

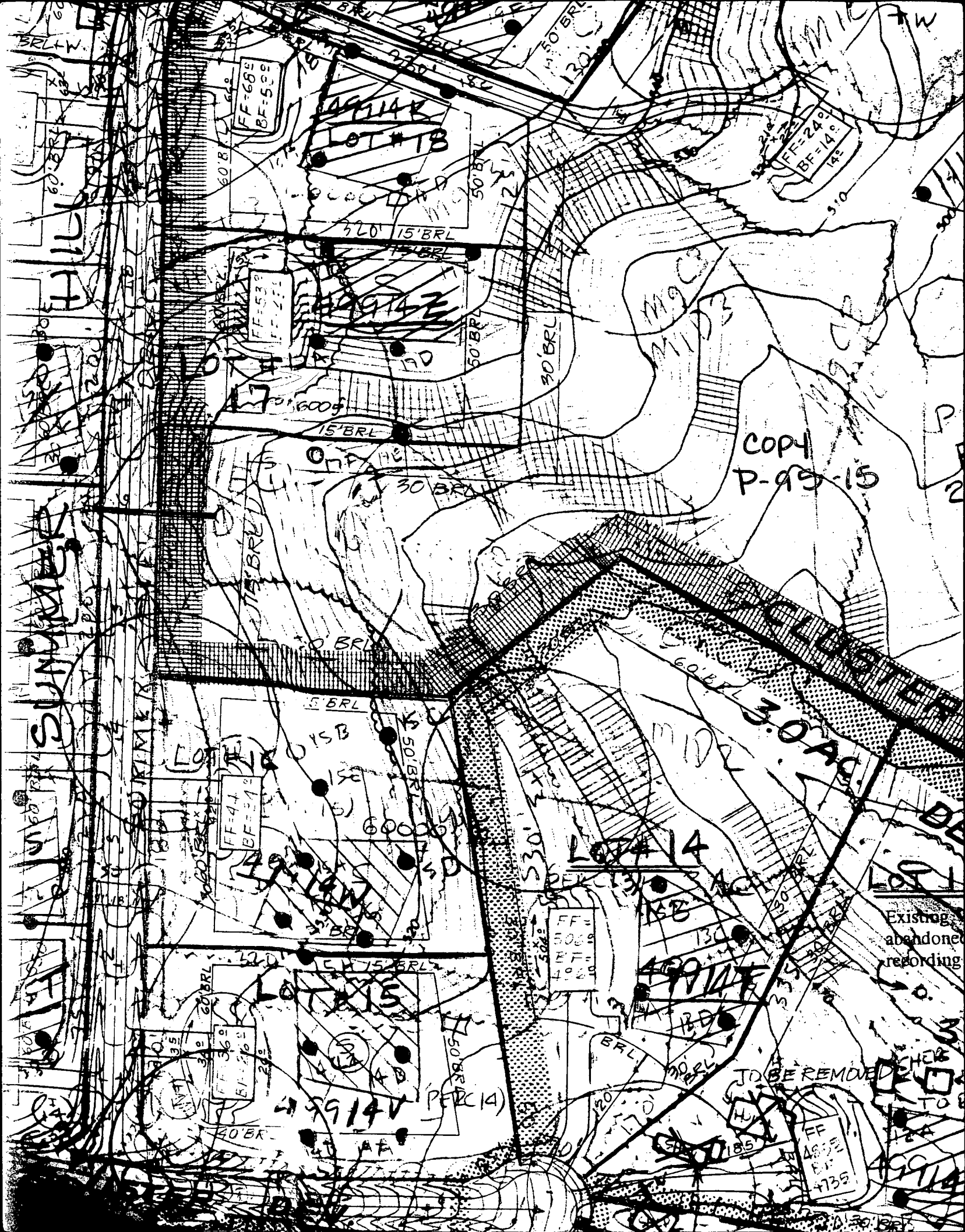
Signature of Applicant Robert L Feezor

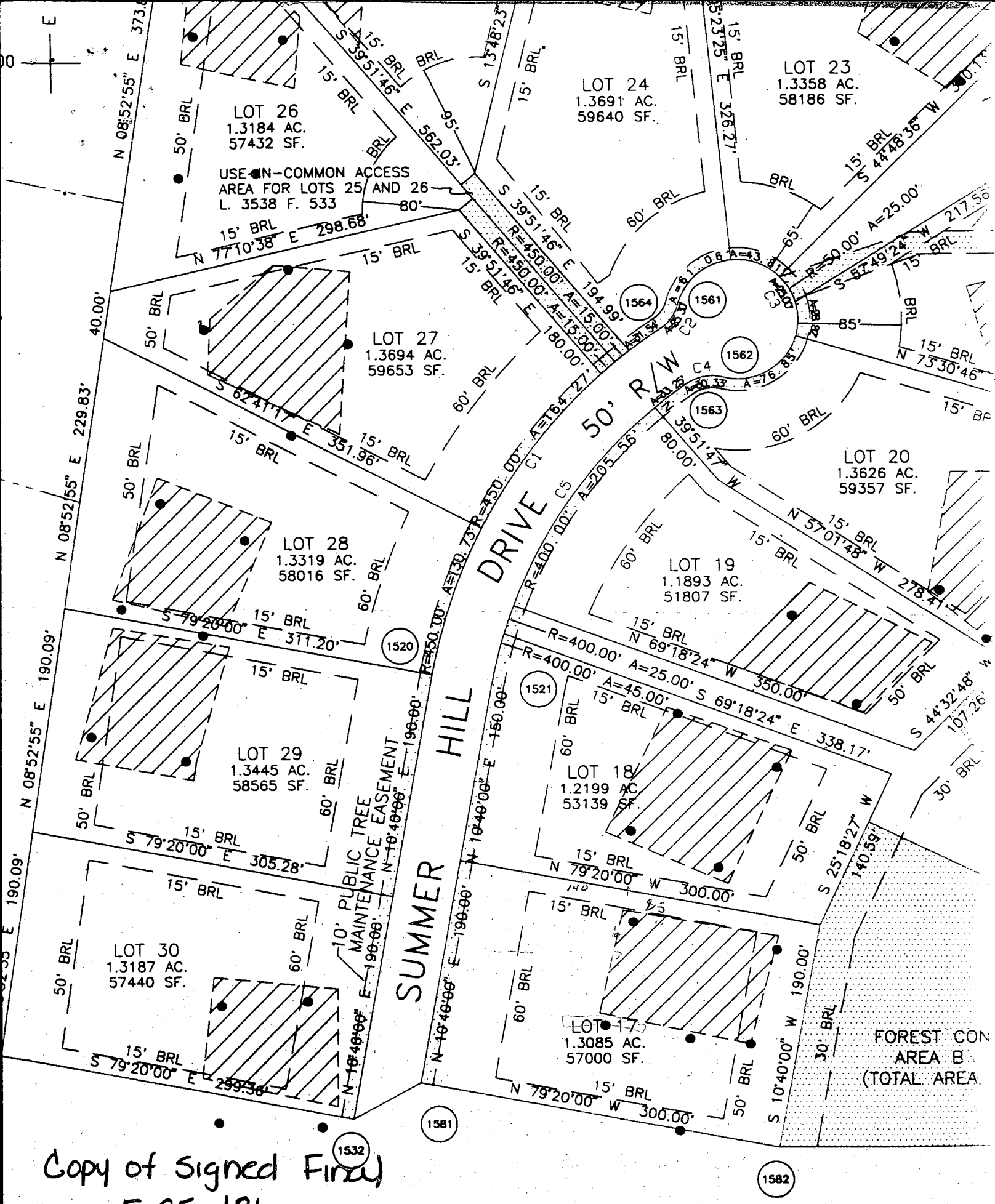
Date: 1/28/97

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

FD-215


LOT #27
LOT #28
LOT #29
LOT #30
LOT #31
LOT #32
LOT #20
LOT #19
LOT #18
LOT #17
LOT #16
LOT #14
DRIVE
Copy of signed
Perc. Cert
Plan
11-3-95


LOT #1B
LOT #17
LOT #16
LOT #15
LOT #14
COPY
P-95-15
SUMMER
CLUB
3.0 AC.
(PERC 14)
TO BE REMOVED
15' BRL
30' BRL
50' BRL
60' BRL
40' BRL

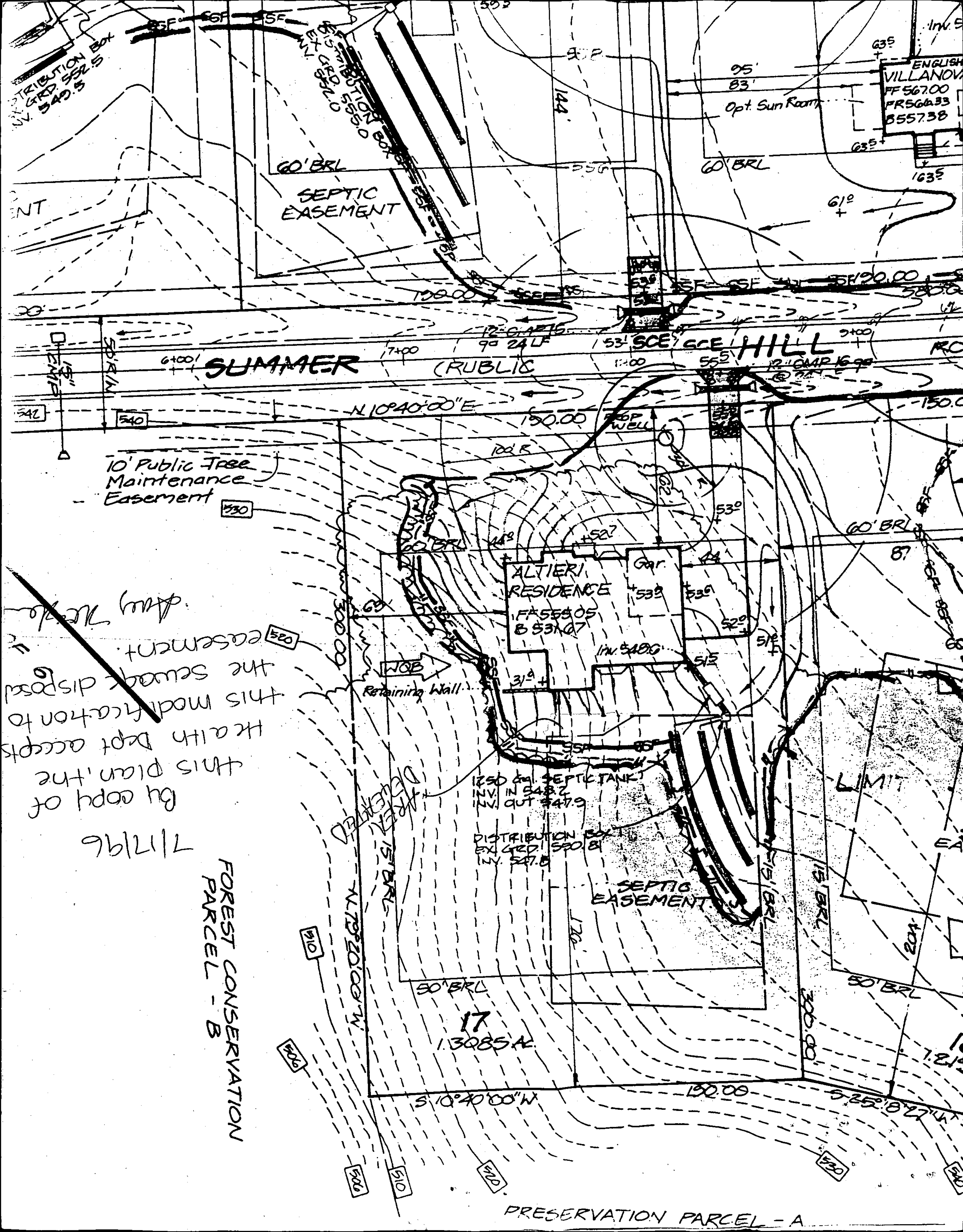


Copy of Signed Final
F-95-181

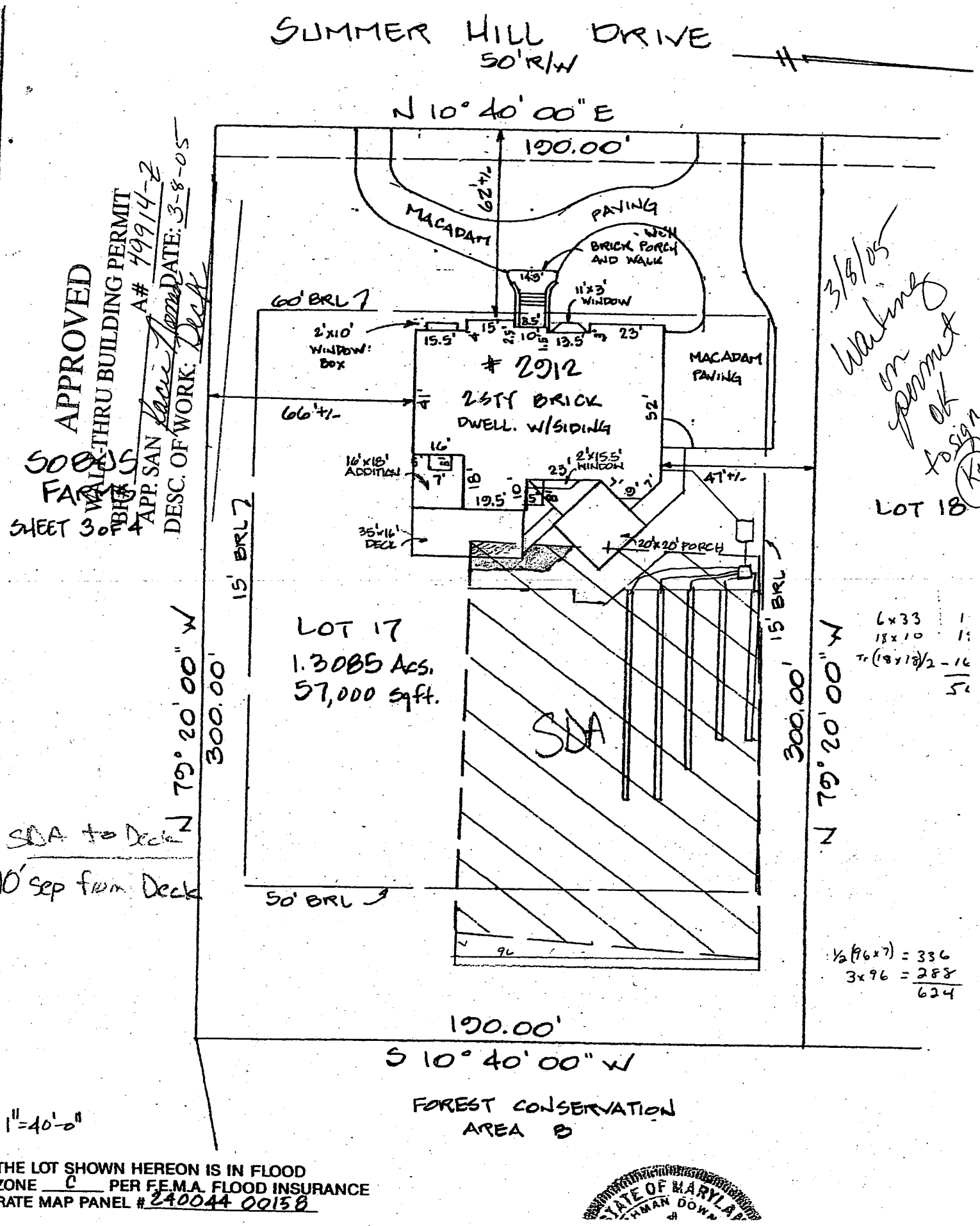
RIVATE WATER AND PRIVATE
HOWARD COUNTY HEALTH

OWNER'S CERTIFICATE

Hilltop Development Corporation, by Richard J. Demmitt, President, ow



SEPTIC EASEMENT
60' BRL
Opt. Sun Room
ENGLISH VILLANOVA
FF 567.00
B 557.38
SUMMER HILL
(PUBLIC
N 10°40'00" E
150.00
10' Public Tree Maintenance Easement
ALTIERI RESIDENCE
FF 555.05
B 531.07
Gar.
Retaining Wall
1250 Gal. SEPTIC TANK
INV. IN 548.2
INV. OUT 547.9
DISTRIBUTION BOX
EX. GRD. 550.8
INV. 547.8
SEPTIC EASEMENT
50' BRL
15' BRL
17
1.3085 AC.
S 10°40'00" W
FOREST CONSERVATION PARCEL - B
PRESERVATION PARCEL - A
7/17/96



1"=40'-0"

THE LOT SHOWN HEREON IS IN FLOOD ZONE C PER F.E.M.A. FLOOD INSURANCE RATE MAP PANEL # 240044 00158

STATE OF MARYLAND

4/25/05
Proposed deck
location ok
KJB
6001533307

SUMMER HILL DRIVE
50' R/W

N 10° 40' 00" E
190.00'

62'+/-
PAVING
MACADAM
WALK
BRICK PORCH AND WALK
14.9'
11'x3' WINDOW
60' BRL
2'x10' WINDOW BOX
15.5'
15'
8.5'
2.5'
10'
13.5'
23'
MACADAM PAVING
2012
2 STY BRICK DWELL. w/SIDING
52'
66'+/-
16'
16'x18' ADDITION
7'
18'
19.5'
23'
2'x15.5' WINDOW
2'
9'
7'
47'+/-
17x17
18x16 SCREEN PORCH
36'x16' DECK
deleted
15' BRL
LOT 17
1.3085 Acs.
57,000 sq ft.
SDA
160'+-
300.00'
S 79° 20' 00" W
300.00'
N 79° 20' 00" E
SDA to Deck
10' sep from Deck
50' BRL
94
added
190.00'
S 10° 40' 00" W

SOBUS FARMS
SHEET 3 OF 4

LOT 18
Took out
7 x 43 = 301
TR 18 x 18/2 = 162
18 x 10 = 180
643

1/2 (96 x 7) = 336
3 x 96 = 288
624

FOREST CONSERVATION AREA B

1" = 40'-0"

THE LOT SHOWN HEREON IS IN FLOOD ZONE C PER F.E.M.A. FLOOD INSURANCE RATE MAP PANEL # 240044 0015B

STATE OF MARYLAND
THOMAS DOWD