

12/17/96
WPI

Tax ID - 04-355717
PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50306A
A 48094

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

DISTRICT _____

DATE 9/29/94

DATE SYSTEM APPROVED 12/17/96

INSPECTOR ALM

SYSTEM SUCCESSFULLY
INDEXED TO
INSTALLATION
BP APPROVED
HOUSE CONNECTION N66060
FOR FINAL APPROVAL
(CW)

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ☒ ALTER ☐

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

SUBDIVISION Cattail Creek, Sec. II LOT 9 ROAD 3602 Willow Birch Drive

PROPERTY OWNER Goodier Builders, Inc. / JAMES WALKER

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

***PRIOR TO BUILDING PERMIT ISSUANCES, SEPTIC SYSTEM TO BE INSTALLED IN LOWEST PART OF SEPTIC AREA DUE TO GOLF COURSE INTRUSION.

***ALL TRENCH EXCAVATION TO BE PERFORMED WHILE HEALTH DEPARTMENT SANITARIAN IS ON-SITE.

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

LOCATION - Start the LAST TRENCH 285 feet from the front lot line and 10 feet from the right lot line. Run trenches along contour toward left side of lot. (Upper trench should start approximately 245 feet from the front 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. OKCW

DEPT. PERMIT SIGN.

ONE RETURNED

Serial # 800106944-dick

PLANS APPROVED BY C. Williams DATE 09/27/94

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

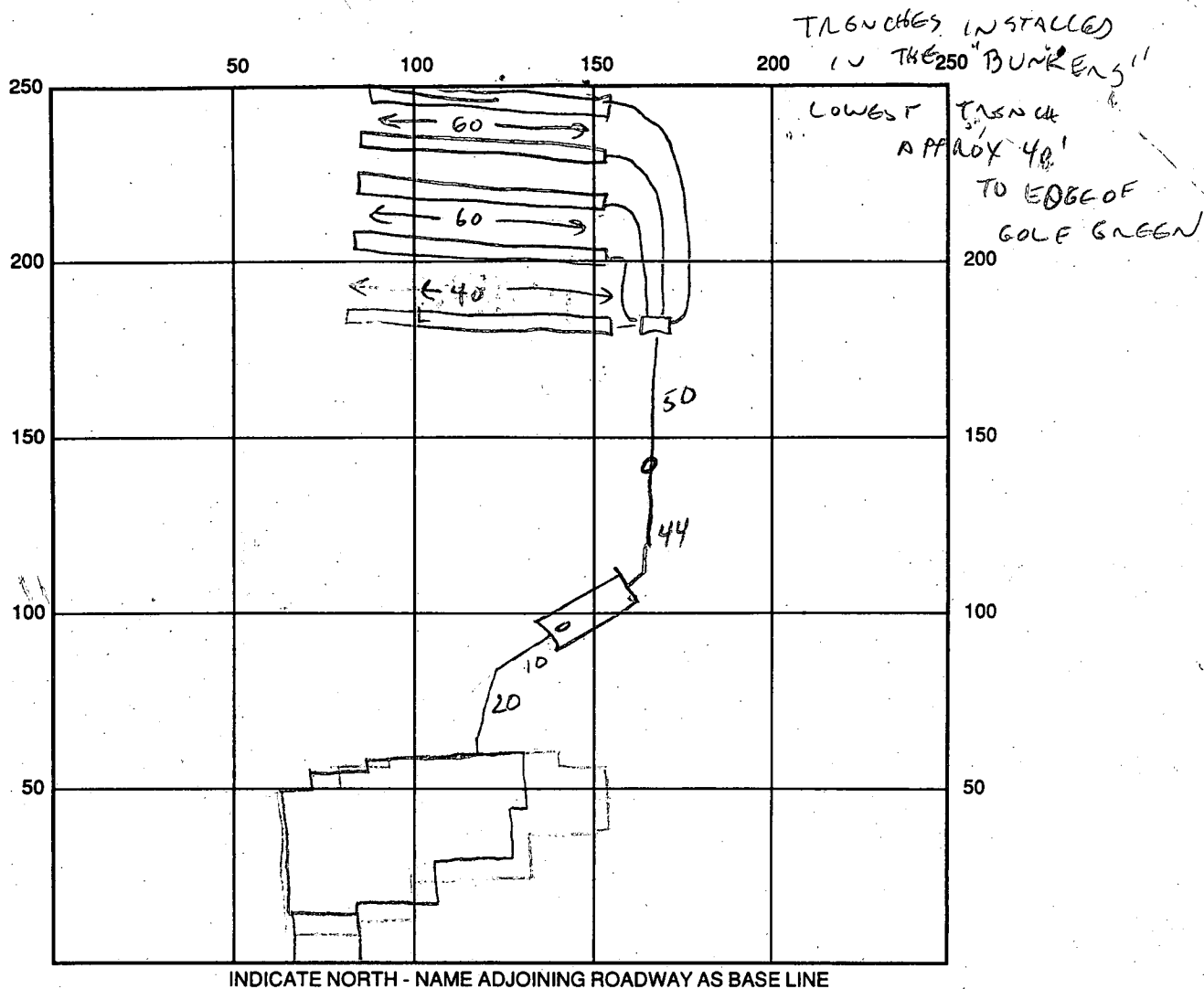
REMOVED AND RETURNED TO PERMITTING AGENCY

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**

A
48094
76087



SEPTIC TANK LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX LEVEL APPROX 2 1/2' BELOW GRADE

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

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: LOWEST TRENCH DUG 1' INTO ORIGINAL MATERIAL 60' LONG OK TO ADD PIPE/ GRAVEL & COVER

12-17-96 HOUSE CONNECTION MADE ALM

12/17/96 NO WPI INSP. ALM ^{WPT} ~~12/17/96~~ OK at 9:58 - OK TO GO ⁽⁴¹⁷⁾ 12/17/96

DATE SYSTEM APPROVED 12-17-96 INSPECTOR Amy McMiller

APPLICATION

PERCOLATION TESTING

A 57084C

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

*PERVIEW OK
REPAIR PERMIT F66 ONLY
PROPOSES ADJUSTMENTS
TO 360TICS ON
3 ADJACENT LOTS.*

DISTRICT _____

DATE 6/13/94

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 GOODIER BUILDERS (BOB GOODIER/STEVE APPLER)

ADDRESS _____ PHONE 410 997-7400

AGENT OR PROSPECTIVE BUYER CLARK FINEFROCK & SACKETT INC (JOEY ECKER)

ADDRESS 7135 MIDSTREA WAY Ca MD PHONE 410 381-7500

PROPERTY LOCATION:

SUBDIVISION CATTAIL CREEK SECTION 2 LOT NO. 9

ROAD AND DESCRIPTION 3602 WILLOW BIRCH DRIVE

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED 8/8/96

*Serial # B77101440 - SFD
4Bm*

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. J. E.

(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

SOIL PROFILE

FULL

CLAY

Sand

Coating

Rock

GOLF COURSE

PROPOSED ADDITIONAL EASUREMENT

RECORDED
CASE 66-1

PROPOSED
DELETION

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

WILLOW BLACK DRIVE

[illegible]

REMARKS SHALLOW SYSTEM - MAY HAVE ROCK BOTTOM @ 9' TOWARD LOT 9

TYPE OF SOIL

TESTED BY C. Waller

ALSO PRESENT Schissler

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 min

TRENCH WIDTH 3

INLET DEPTH $2\frac{1}{2}$

MAXIMUM BOTTOM DEPTH $4\frac{1}{2}$

SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 48094

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

TELEPHONE: 313-2640

DISTRICT _____

DATE _____

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 GOODIER BUILDERS

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION CATTAIL CREEK SECT II LOT NO. 9

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. SFD
(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.

(SIGNATURE OF APPLICANT)

* APPROVED BY Craig W. [Signature] FOR TRENCHES DATE 9/27/94

DISAPPROVED BY _____ FOR _____ DATE _____

~~HOLD PENDING FURTHER TESTS~~ * TRENCH INSTALLATION TO BEGIN IN LOWEST PORTION OF SEPTIC AREA;
WILL NEED TO WORK UNDER GOLF COURSE BERMS

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

0' #1

#2 CUNY
1' SANDSTONE
3X

	④ 15 ③	BACK EDGE OF PROPOSED ADJUSTED BASELINE		② 15 ①

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	
10/4/94							

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

5-21-92
10:00 am

APPLICATION

PERCOLATION TESTING

A 48094

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE 5/11/92

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Cattail Creek Country Club

ADDRESS 10805 Hickory Ridge Rd PHONE _____

PROSPECTIVE BUYER NA

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cattail Creek LOT NO ~~8~~ 9

ROAD AND DESCRIPTION Route 97

TAX MAP 21 PARCEL # 211

SIZE OF LOT 1 acre TYPE BLDG SF
(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. [Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

(w/ water well sites closely) (PUT SYSTEM IN FIRST)
(is to perc areas C.Bd) perc area maybe C.Bd

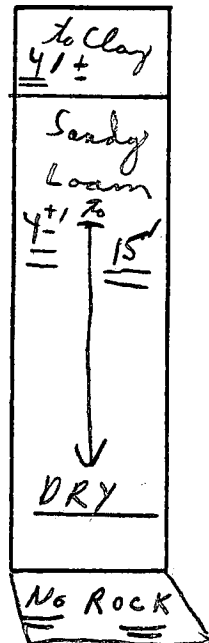
THIS IS NOT A PERMIT

HD-216

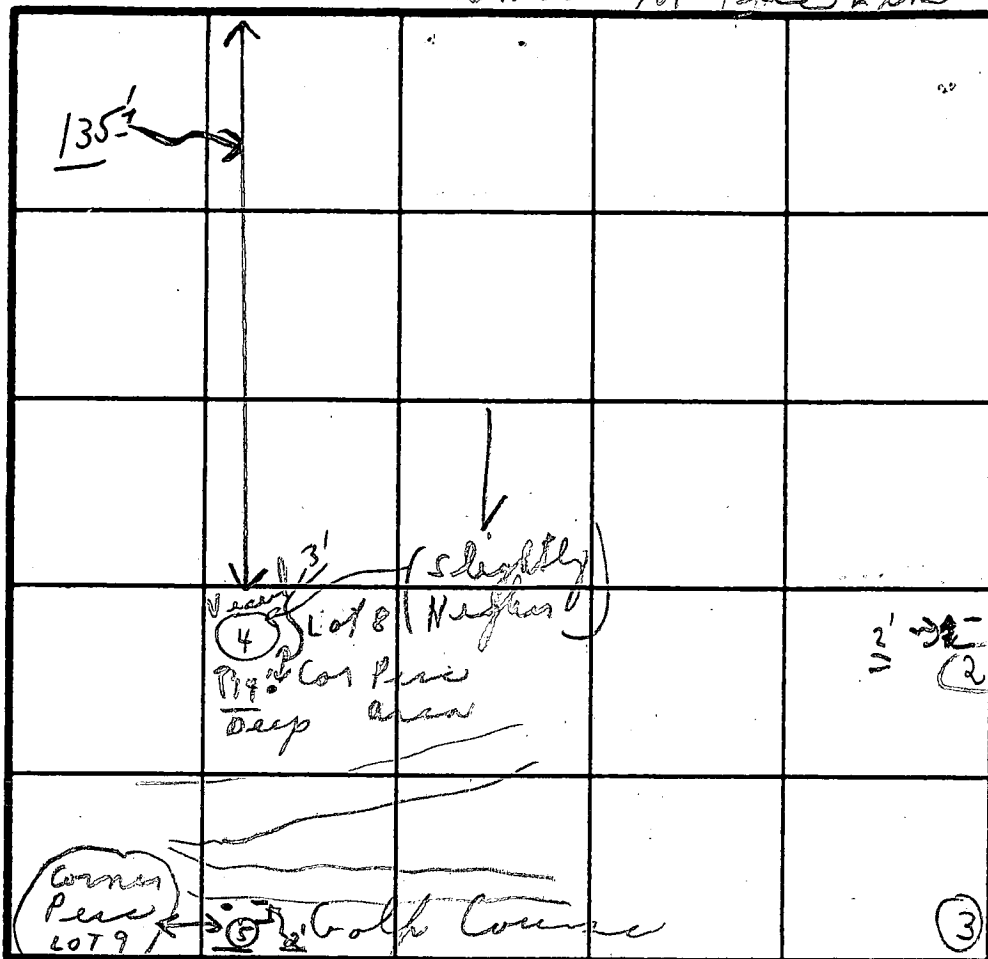
R # 48094

LOT # 8
(all holes)

SOIL PROFILE



Fence +/or Tree Line



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/21	4	4 1/2' Loam					
		14'					
	2	14'					
	3	12 1/2'					
	5	3 1/2' 15'	12:57	1:00	1:00	1:06	6 m

REMARKS

TYPE OF SOIL

TESTED BY

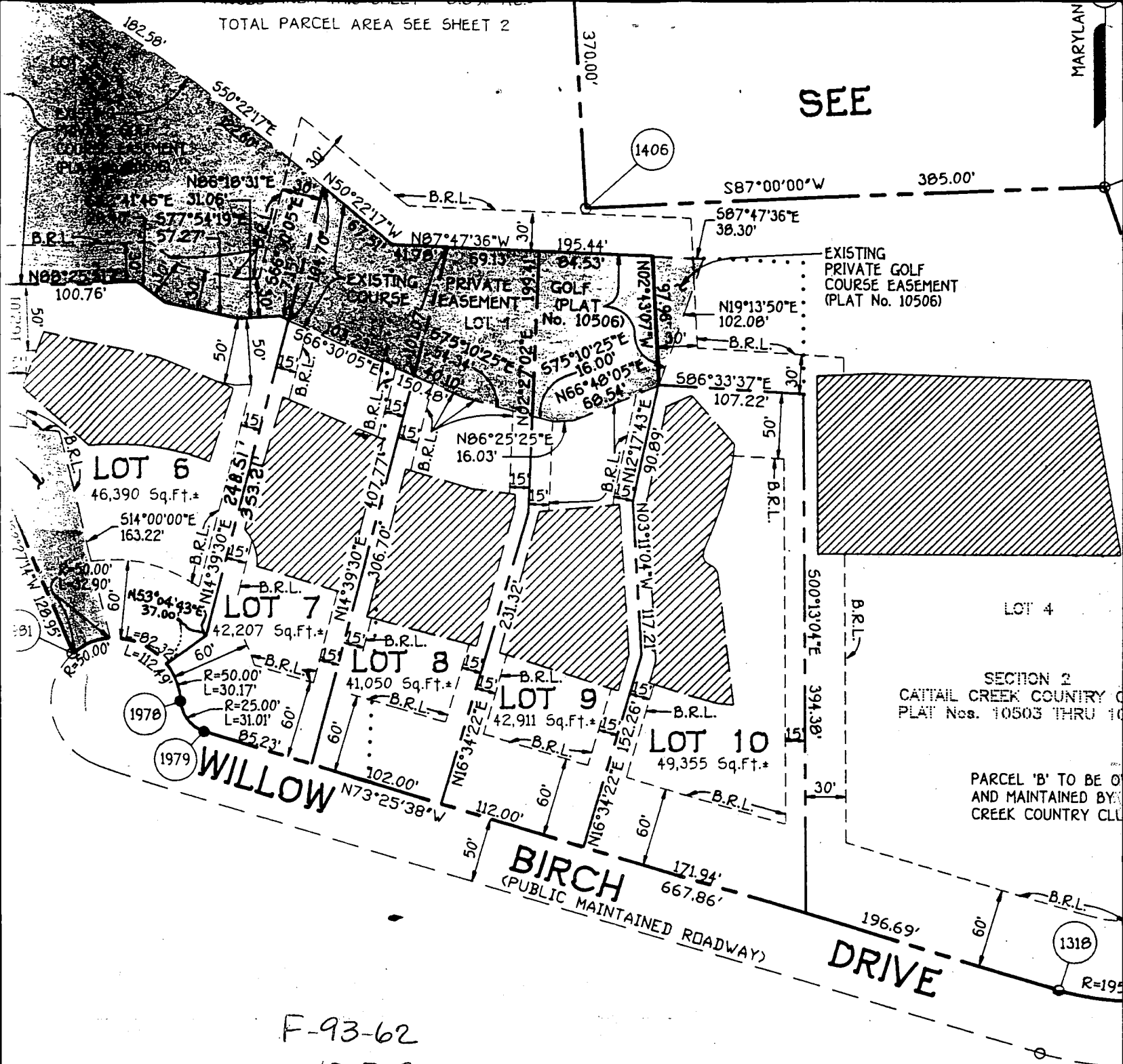
ALSO PRESENT

5/21 Tests in open near stake & GOLF COURSE
Sandy loam below clay
C. B.
(Tests on a knoll) Heavy truck Tests shallow shell on left side of project area
Mr. O Land Kettner & assistants; Mark Rutch

TOTAL PARCEL AREA SEE SHEET 2

SEE

MARYLAN



F-93-62
10-5-93

OWNER

CATTAIL CREEK COUNTRY CLUB, INC.
C/O MR. DAVID A. CARNEY
10715 CHARTER DRIVE
SUITE 200
COLUMBIA, MARYLAND 21044

DEVELOPER

SYCAMORE VALLEY PARTNERSHIP
C/O LAND DESIGN & DEVELOPMENT, INC.
10805 HICKORY RIDGE ROAD
SUITE 210
COLUMBIA, MARYLAND 21044

OWNER'S CERTIFICATE

SURV

BY CLUB, INC., BY DAVID A. CARNEY, PRESIDENT AND BARBARA LOHMAN, SECRETARY, OWNER OF THE DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE

I HEREBY CERTIFY THAT THE SUBDIVISION CONTAINING (1) A

EXISTING
A 47155

GREEN

GIB2

GIB2

EXISTING
A 43740

LOT 6

A48002

A48003

A48004

LOT 7

LOT 8

LOT 9

EXISTING
PRIVATE
GOLF COURSE
EASEMENT

R=50.00
L=112.49

R=75.00
L=31.01

N 73°25'38" W

Signed Perc Cert
3/12/93

WILLOW

471.17'

MATCH

(FOR TOTAL LOI AREA SEE SHEET 2)

SEE

MARY!

GRID

OPEN SPACE LOT 4 TO BE OWNED AND MAINTAINED BY CATTAIL CREEK COUNTRY CLUB, INC.

LOT 2
3.039 AC. ±

LOT 1
3.282 AC.±

WILLOW

BIRCH

DRIVE

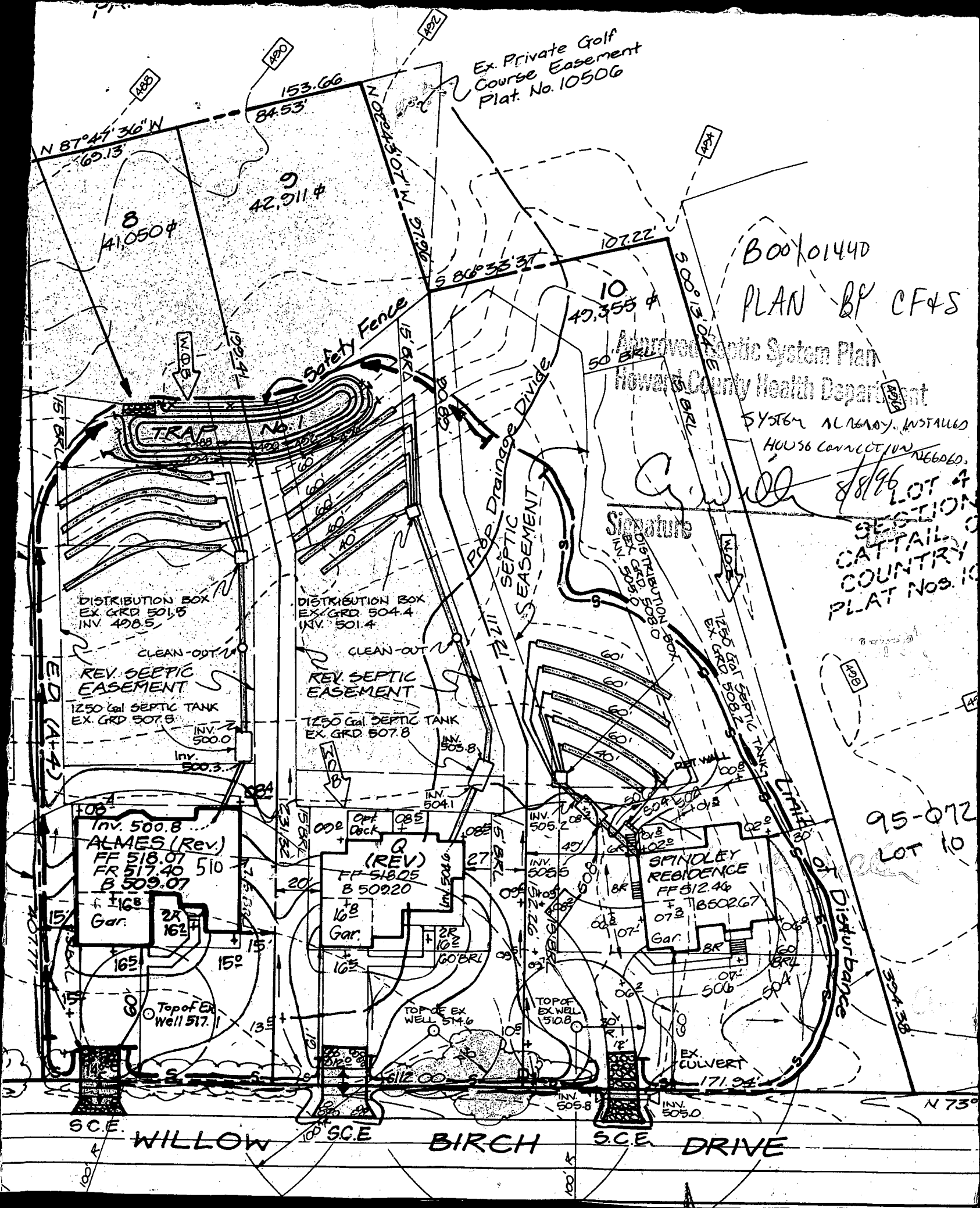
F-90-62

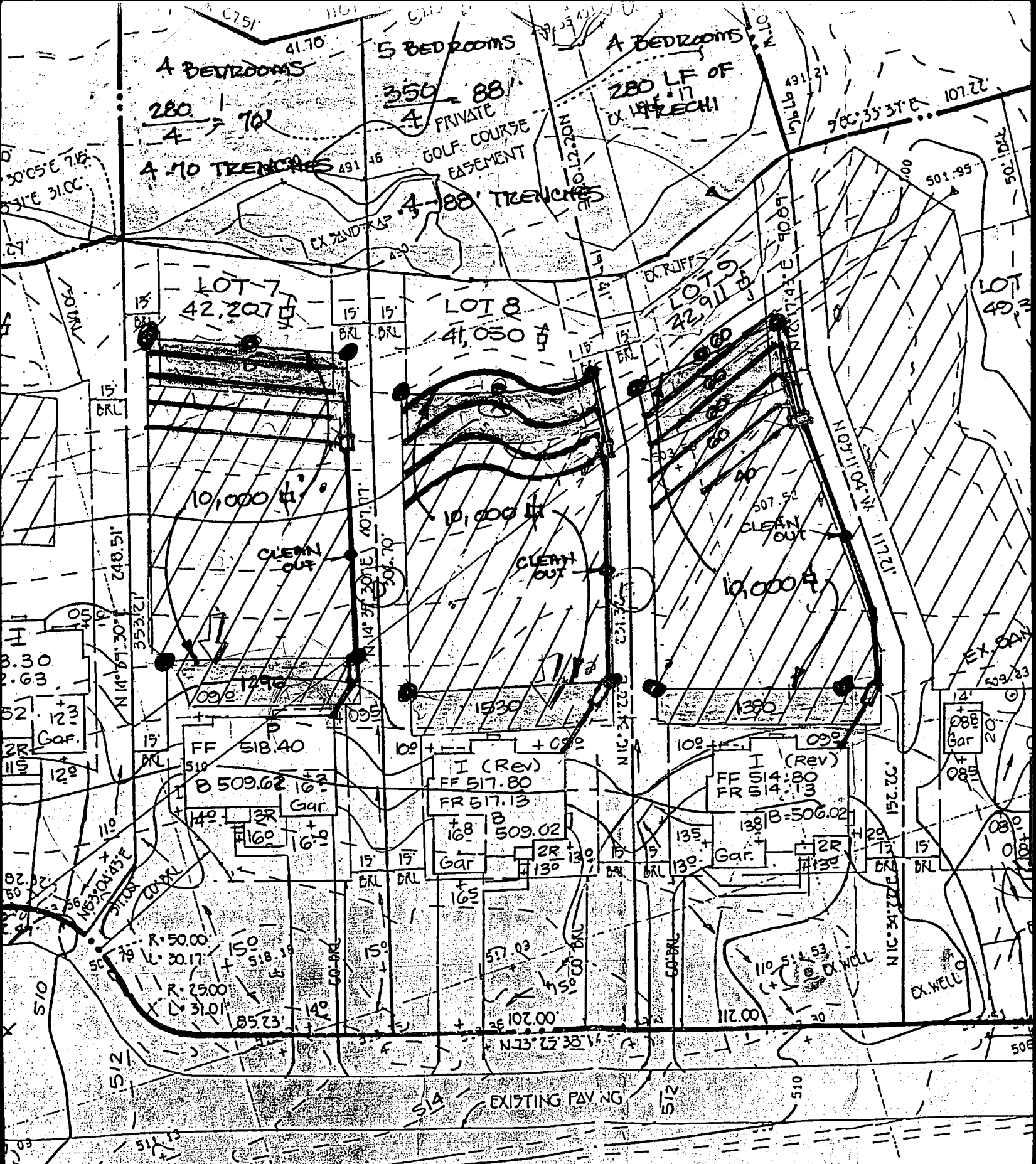
Signed 9/2/92

PROPERTY of
MARIO F. MANNARELLI, SR.
MARIO F. MANNARELLI, JR.
LIBER 2020, FOLIO 224
LIBER 2456, FOLIO 306
LIBER , FOLIO

N 523500

95-072
LOT 10



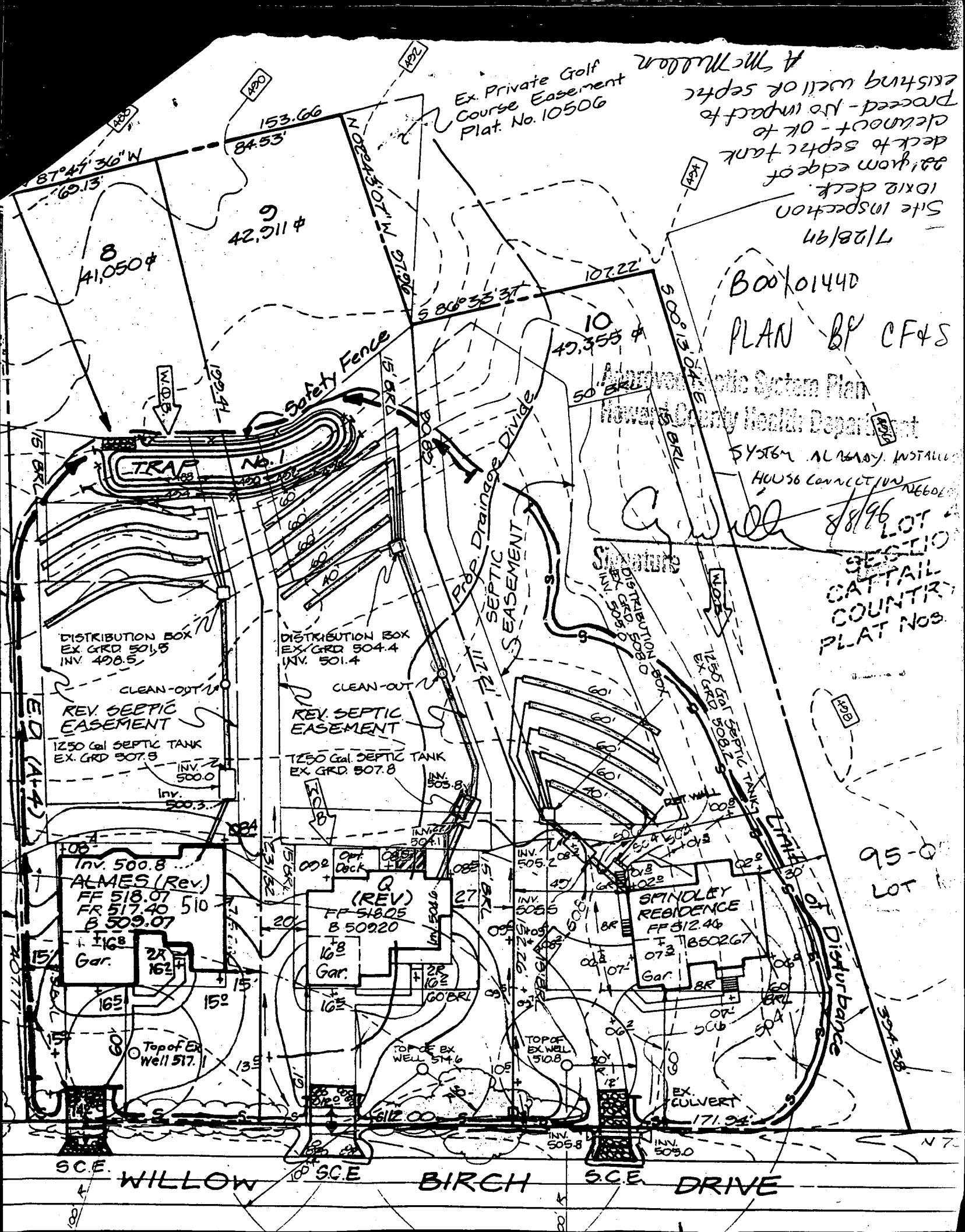


SHOW 350' TRENCH FOR 5 BR
 280' TRENCH FOR 4 BR
WILLOW BIRCH DRIVE
 EX. 50' R/W

For LOT 9 - CATTAIL CREEK SECT II
 Approved Septic System Plan
 Howard County Health Department

Greg Wellha
 Signature
 9/27/94
 Date

DRIVE



C10488

SEQUENCE NO.
(DENV 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

148094

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

09/16/93

Depth of Well

2226526

(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

10-92-0421

OWNER

STREET OR RFD

SUBDIVISION

SECTION

LOT

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 TO	Check if water bearing
Top SoL	0 2	
Sandy	2 45	
Sand Stone	45 50	✓
MICKA	50 80	
Sand Stone	80 85	✓
MICKA	85 265	

GROUTING RECORD

WELL HAS BEEN GROUTED

TYPE OF GROUTING MATERIAL

CEMENT

BENTONITE CLAY

NO. OF BAGS

NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from

ft. to

ft.

CASING RECORD

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)

Total depth of main casing (nearest foot)

OTHER CASING (if used)

diameter inch

depth (feet) from to

SCREEN RECORD

screen type or open hole

insert appropriate code below

STEEL

BRASS

BRONZE

PLASTIC

OPEN HOLE

OTHER

DEPTH (nearest ft.)

1

2

3

4

5

6

7

8

9

10

11

12

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14

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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

THEREBY 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.

DRILLERS SIGNATURE

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

W Q

TELESCOPE CASING

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)

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)

well

30'

130'

Road