

3/15/96 pm
5/3/96

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 56491

A 47215

DISTRICT 3rd

DATE 3-14-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

03-318982

DATE SYSTEM APPROVED 6-5-96

INSPECTOR ll

K&K Excavating, Olen Ketterman IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Route 144, Woodbine, MD 21797 PHONE 442-1336

SUBDIVISION W. Friendship Estates LOT 38 ROAD 3109 Fox Valley Drive

PROPERTY OWNER Selfridge Builders, Inc.

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 3.0 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 85 feet down the right (355.98') lot line and 66 feet off that same lot line as seen when facing the lot from Fox Valley Drive. Run trenches on contour.

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

PLANS APPROVED BY Amy McMillen OK-3-14-96 ll REVISED DATE 01/19/96

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

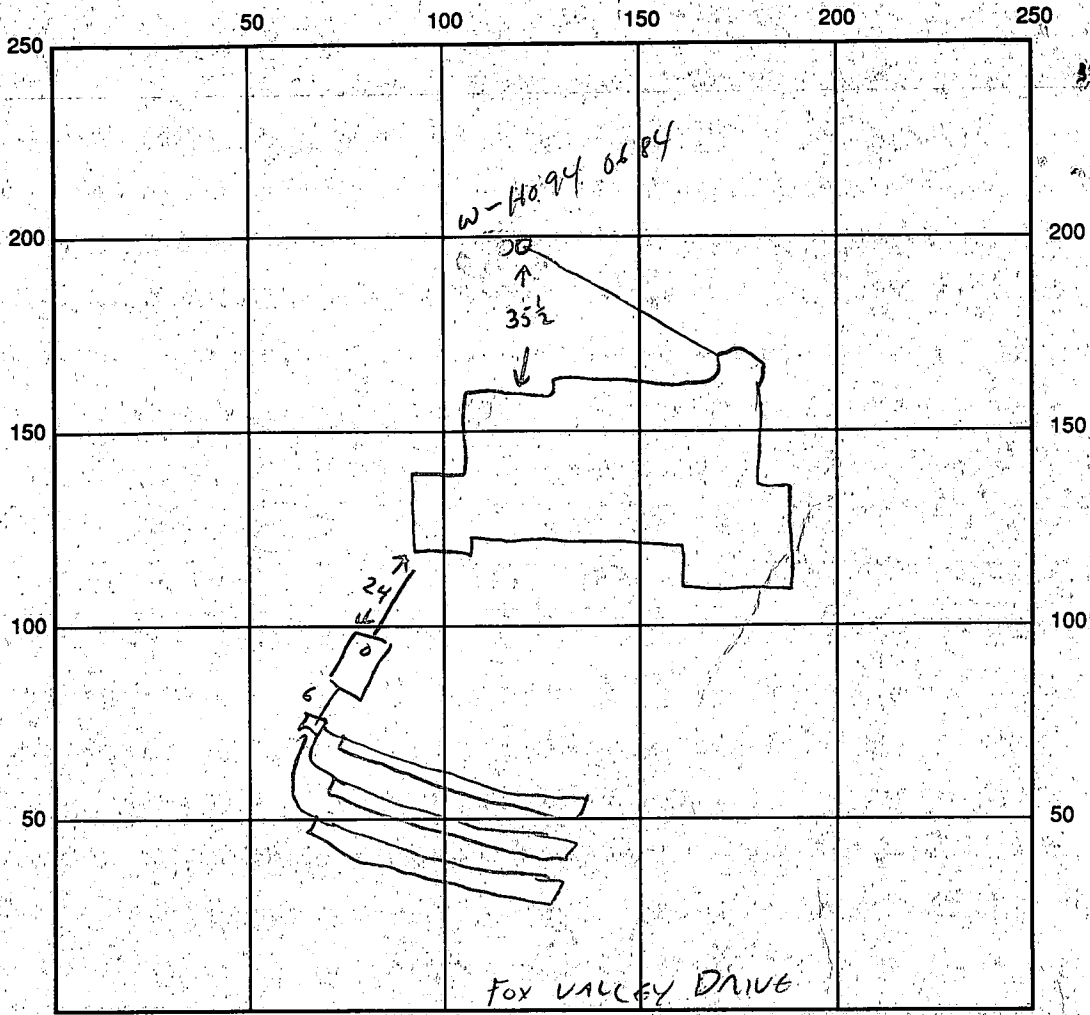
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMITS SIGNED
AND RETURNED 4/19/00
1300123587 P00L

A
47215



SEPTIC TANK LEVEL ✓ CLEANOUTS 57 ✓

DISTRIBUTION BOX LEVEL ✓

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 280 FT.

NUMBER OF TRENCHES 3 @ 93' ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 3/15/96 TANK AND DIST. BOX MOVED TO OPPOSITE SIDE OF LOT - OK.

TRENCHES INSTALLED PER PLAN. HOUSE CONNECTION NEEDED. (CW)

5/3/96 HOUSE SEWER LINE INSTALLED AT TANK BUT FINAL CONNECTION NOT MADE AT HOUSE.

6/5/96 HOUSE CONNECTION OK. (CW)

DATE SYSTEM APPROVED 6/5/96 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 47215

P _____

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

DISTRICT _____

DATE 6/12/91

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 PERCONTEE, INC.

ADDRESS 11 900 TECH RD, SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WEST FRIENDSHIP ESTATES Section II LOT NO LOT 126
40

ROAD AND DESCRIPTION WEST IVORY RD. & RT 32, SOUTH OF RT. 70

TAX MAP 15 PARCEL # 42

SIZE OF LOT 3.00 AC. +/- TYPE BLDG Serial # 63139 - ST-D-40mm
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 1/19/96
Serial # 63139 -
ST-D-40mm

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.

APPROVED BY John C. Reuser FOR PERCONTEE, INC. (SIGNATURE OF APPLICANT)
DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/24/91 PERC AREA TOO CLOSE TO WELL SITE

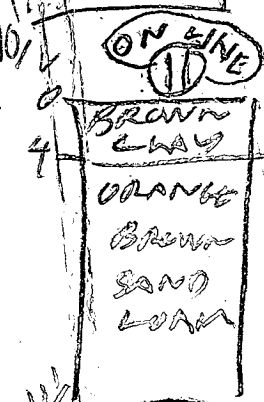
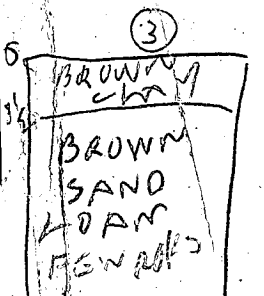
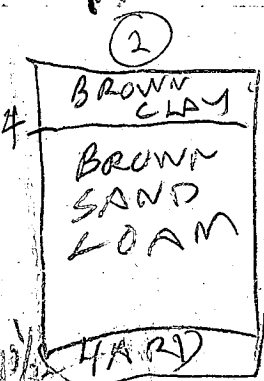
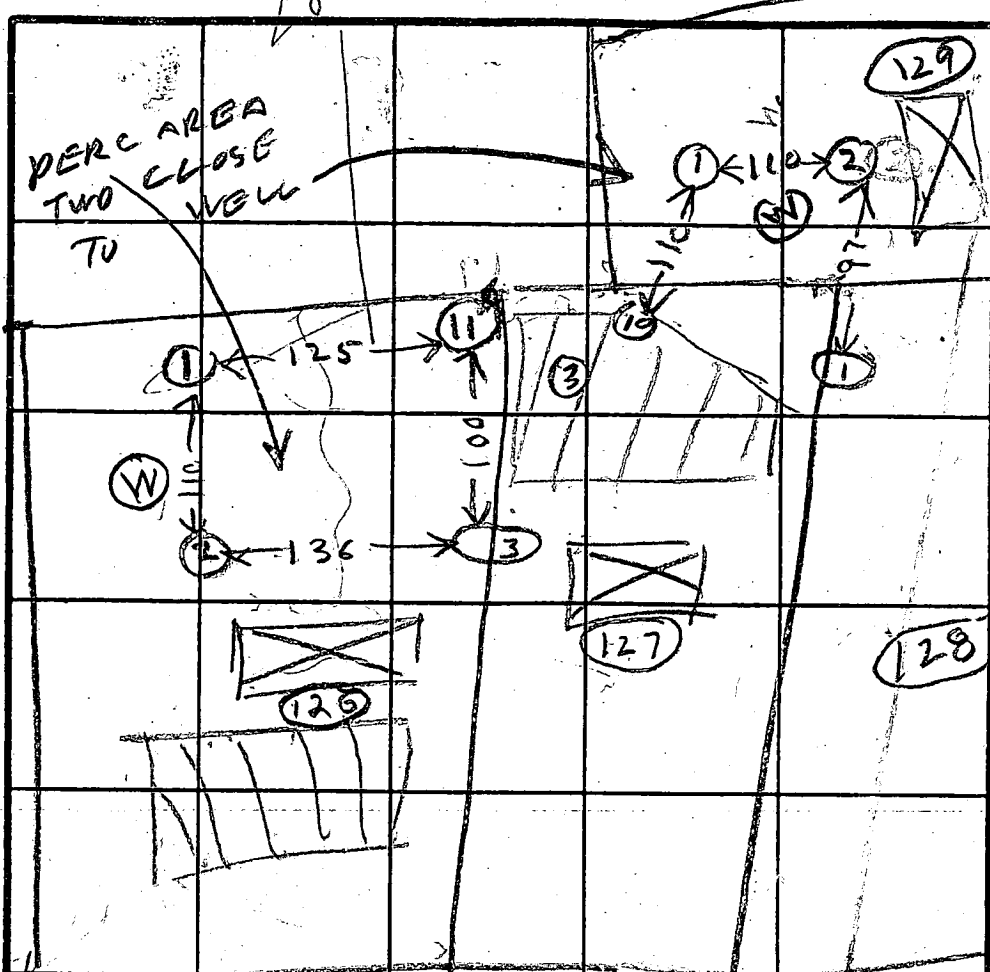
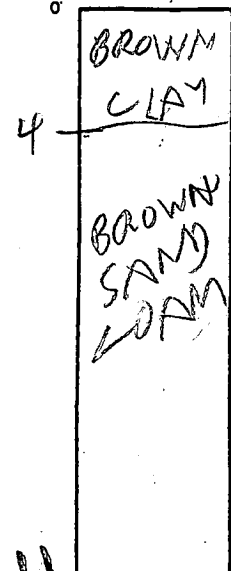
HD-216

THIS IS NOT A PERMIT

LOT 126
A 47215

LOT 126

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/22/91	1 S	4.5	204	206	206	210	4
	1 V	11	OK	SHALLOW			
	2 D	5	223	225	225	235	10
	2 S	3	223	233	233		
	2 V	10 1/2	OK	SHALLOW			
	3 V	10 1/2	OK	SHALLOW			
	ON LINE 11	11	OK	SEE A 47191			

LOT #

LOT 126

LOT 127

LOT 128

LOT 129

REMARKS: Holes Dug different from Berwyn State

TYPE OF SOIL

TESTED BY R. HODGES

ALSO PRESENT HUGGINS, DETERMAN

APPLICATION

PERCOLATION TESTING

*TRANSFER
F66*

A _____

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION W FRESH I LOT NO. 39 (2 holes only)

ROAD AND DESCRIPTION HORD FARM

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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 _____ 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

Lot #39 (2 Holes)

COUNTY #

SOIL PROFILE

Hole # ①

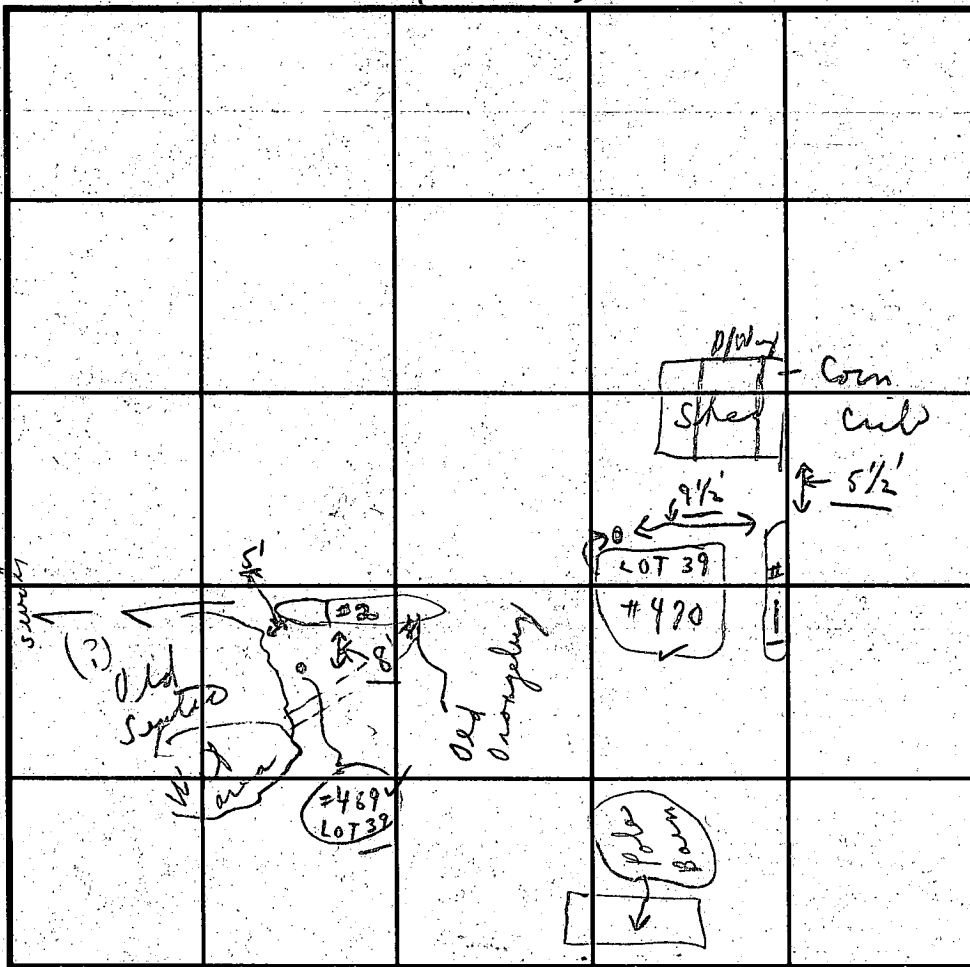
0' to 5 1/2'
 6.8%
 5 1/2'
 To
 11'-9"
 all loam
 ↓
 Dry

Hole # ②

0'-3 1/2'
 Clay
 3 1/2' to
 9'-3"
 Loam
 to
 Sandstone
 8 1/2' to 9'-3"
 ↓
 Hard
 @ Bottom

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	
1/25/93	④70 ①	5 1/2'	3:27	3:30	3:30	3:36	6 min
		11'-9"	(No rock -		all loam)		
(2 HOLES ONLY)	② 469	3 1/2'	3:31	3:35	3:35	3:59	24 min
		9'-3"	95% loam	To	(8) in	disturb to	(9'-3")

REMARKS 1/25 Tests in open; on lecture. Pole train #10 shed or corn crib.

TYPE OF SOIL Loam below clay

TESTED BY C. B. E. ALSO PRESENT (O. K. G. + associates)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



HOWARD COUNTY HEALTH DEPARTMENT

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

May 6, 1996

Selfridge Builders, Inc.
14045 Gared Drive
Glenwood, MD 21738

Attention: Mr. Tim Regan

RE: Septic System Approval
West Friendship Estates
Lots 3 and 38
Fox Valley Drive

Dear Mr. Regan:

The house sewer connection on lot 3 was completed today, but there were grading problems around the septic tank.

- Erosion channels were evident beside the tank. The loose back fill needs to be tamped to eliminate infiltration problems.
- Construction equipment driving behind the tank has left such a deep rut that the effluent line has probably been dislodged or damaged. Please examine to determine if repair is needed.

The house sewer connection on lot 38 was not completed because the house stub had not yet been installed.

Please contact this office for re-inspection when the issues with both lots have been addressed.

Very truly yours,

Craig Williams, Program Director
Water and Sewerage Program

CW:vrk

CC: Files

C1 2843

SEQUENCE NO. (MDE 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A47215

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

091395

101795

22 205 26 (TO NEAREST FOOT)

H0-94-0684

OWNER James Selfridge STREET OR RFD Fox Valley Drive TOWN West Friendship SUBDIVISION W. Friendship Est. SECTION 1 LOT 38

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. Entries: SAND (0-45), GRAY Mica Rock (45-205).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1316 GALLONS OF WATER 84 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 39 ft.

CASING RECORD

MAIN CASING TYPE (S+) Nominal diameter top (main) casing (nearest inch)! (6) Total depth of main casing (nearest foot) (48) OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (S) (BR) (HO) (PL) (OT) (OTHER) SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 26 ft. WHEN PUMPING 96 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (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) LAND SURFACE (nearest foot)

C 2

DEPTH (nearest ft.)

1 H047 205 21 23 24 26 30 32 36 38 39 41 45 47 51

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

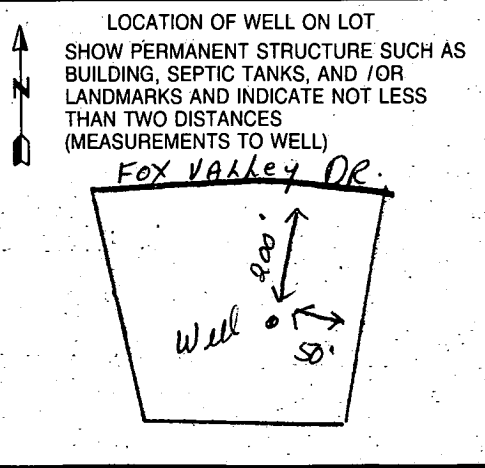
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

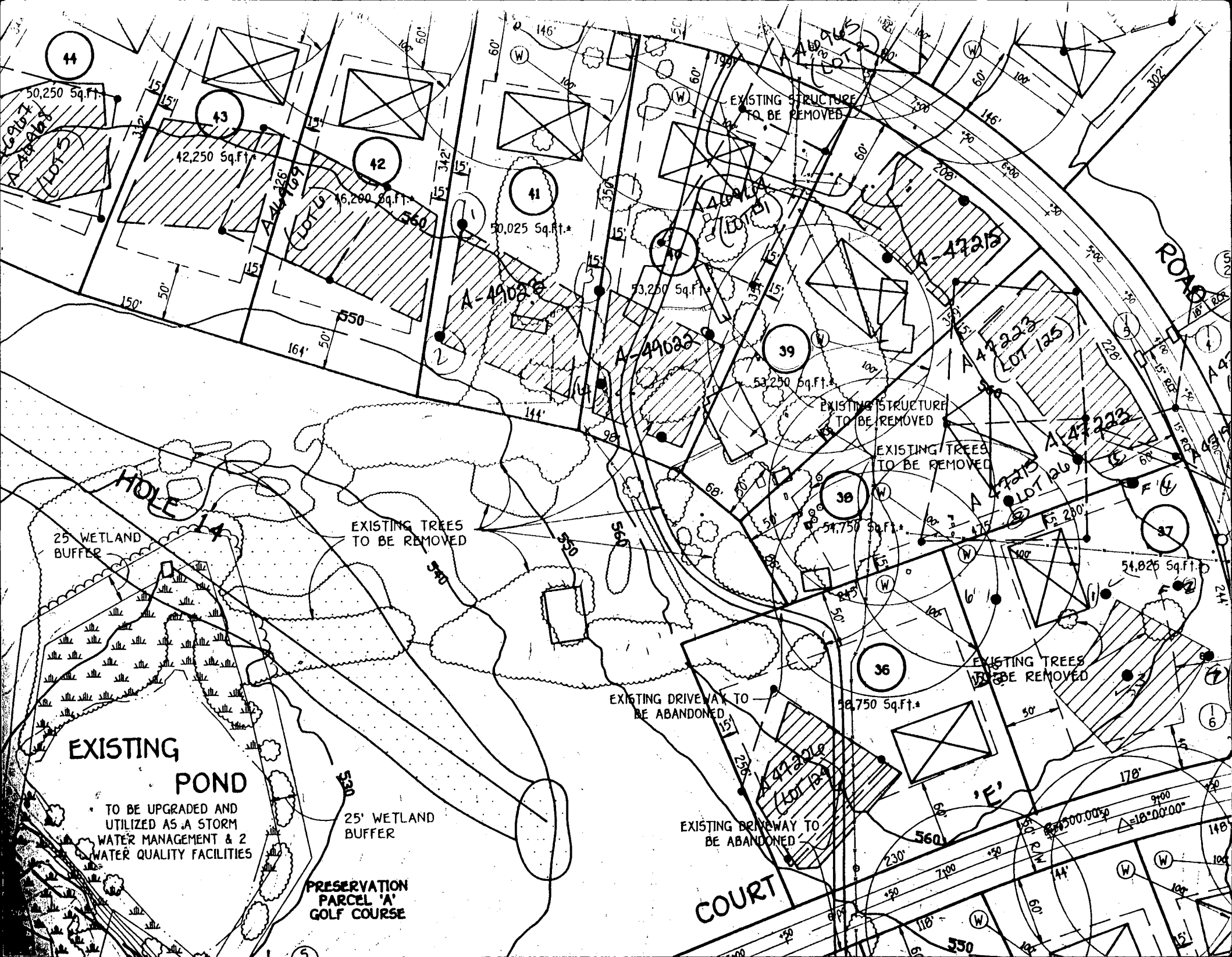
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION", AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24 DRILLERS SIGNATURE Joseph P. Mayne LIC. NO. 27 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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA





EXISTING POND

TO BE UPGRADED AND UTILIZED AS A STORM WATER MANAGEMENT & 2 WATER QUALITY FACILITIES

PRESERVATION PARCEL 'A' GOLF COURSE

EXISTING TREES TO BE REMOVED

EXISTING STRUCTURE TO BE REMOVED

EXISTING TREES TO BE REMOVED

EXISTING TREES TO BE REMOVED

EXISTING DRIVEWAY TO BE ABANDONED

EXISTING DRIVEWAY TO BE ABANDONED

COURT

ROAD

44

43

42

41

39

38

36

37

6

LOT 5
A-49087

LOT 6
A-49088

LOT 13
A-49089

LOT 125
A-47223

LOT 126
A-47223

LOT 127
B 'E'

50,250 Sq.Ft.

42,250 Sq.Ft.

16,200 Sq.Ft.

50,025 Sq.Ft.

73,200 Sq.Ft.

53,250 Sq.Ft.

54,750 Sq.Ft.

28,750 Sq.Ft.

51,825 Sq.Ft.

71,000 Sq.Ft.

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HOLE

25' WETLAND BUFFER

25' WETLAND BUFFER

EXISTING STRUCTURE TO BE REMOVED

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EXISTING TREES TO BE REMOVED

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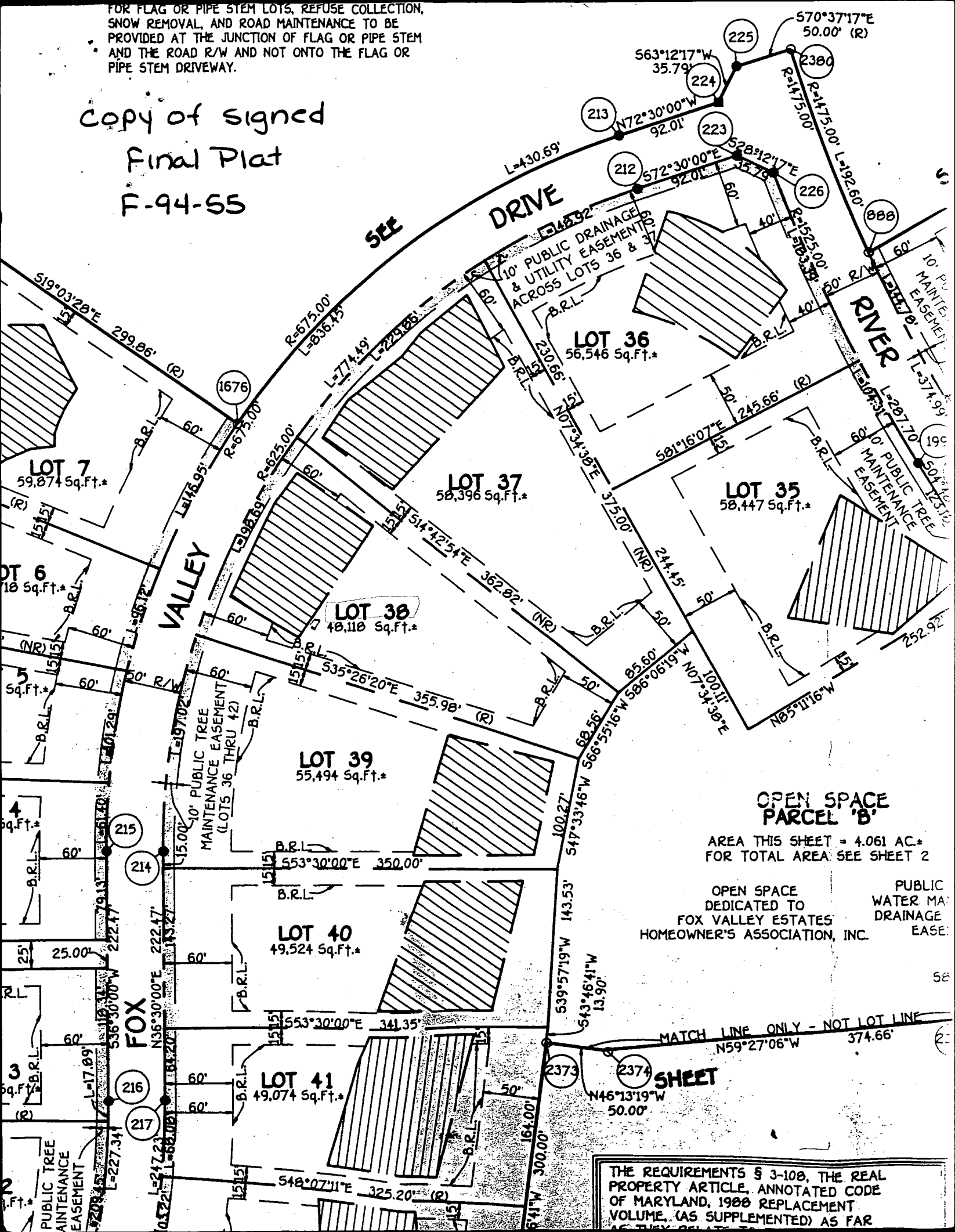
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A-47223

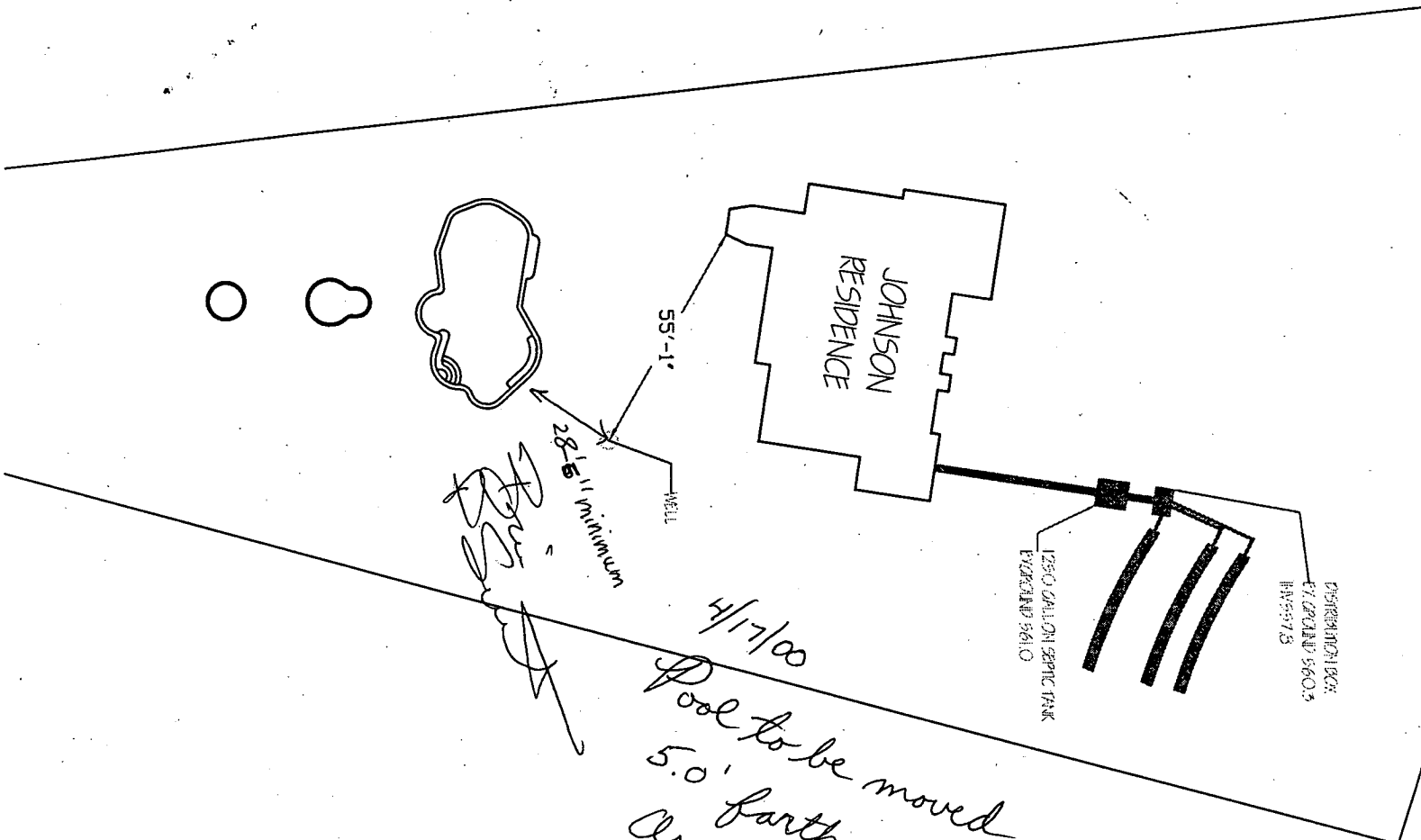
LOT 126
A-47223

LOT 127
B 'E'

FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL, AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.

Copy of signed
Final Plat
F-94-55





[Handwritten signature]

4/17/00

Pool to be moved
 5.0' farther from well.
 As agreed upon by
 contractor BB