

2:30 P.M.  
4/3/95

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 50602

A 47223

DISTRICT 3rd

DATE 3-24-95

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

**03-318974**

DATE SYSTEM APPROVED 4/4/95

INSPECTOR CW

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION W. Friendship Estates LOT 37 ROAD 3105 Fox Valley Drive

PROPERTY OWNER Altieri Homes

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the front right lot corner, place distribution box 90 feet down the front lot line and 90 feet off that same lot line as seen when facing the lot from Fox Valley Drive. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 3/19/95 DKS*

**BUILDING PERMIT SIGNED  
AND RETURNED**  
*5-12-04 BOD148005 - FL POOL*

PLANS APPROVED BY Amy McMillen DATE 02/21/95

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**

A  
47223



# 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 6/13/91

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. ATTIEKE Homes

ADDRESS 11900 TECH RD, SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291 796-5306

PROSPECTIVE BUYER N/A

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:  
SUBDIVISION WEST FRIENDSHIP ESTATES Section IV LOT NO LOT 126 40

ROAD AND DESCRIPTION WEST IVORY RD. E RT 22, SOUTH OF RT. 70  
(3105 Fox Valley Drive)

TAX MAP 15 PARCEL # 42

SIZE OF LOT 3.00 AC. +/- 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.

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 NEIGHB  
SITE

BLDG. PERMIT SIGNED  
AND RETURNED 7/24/95  
Leuwer # 58063  
SFD-5Bun

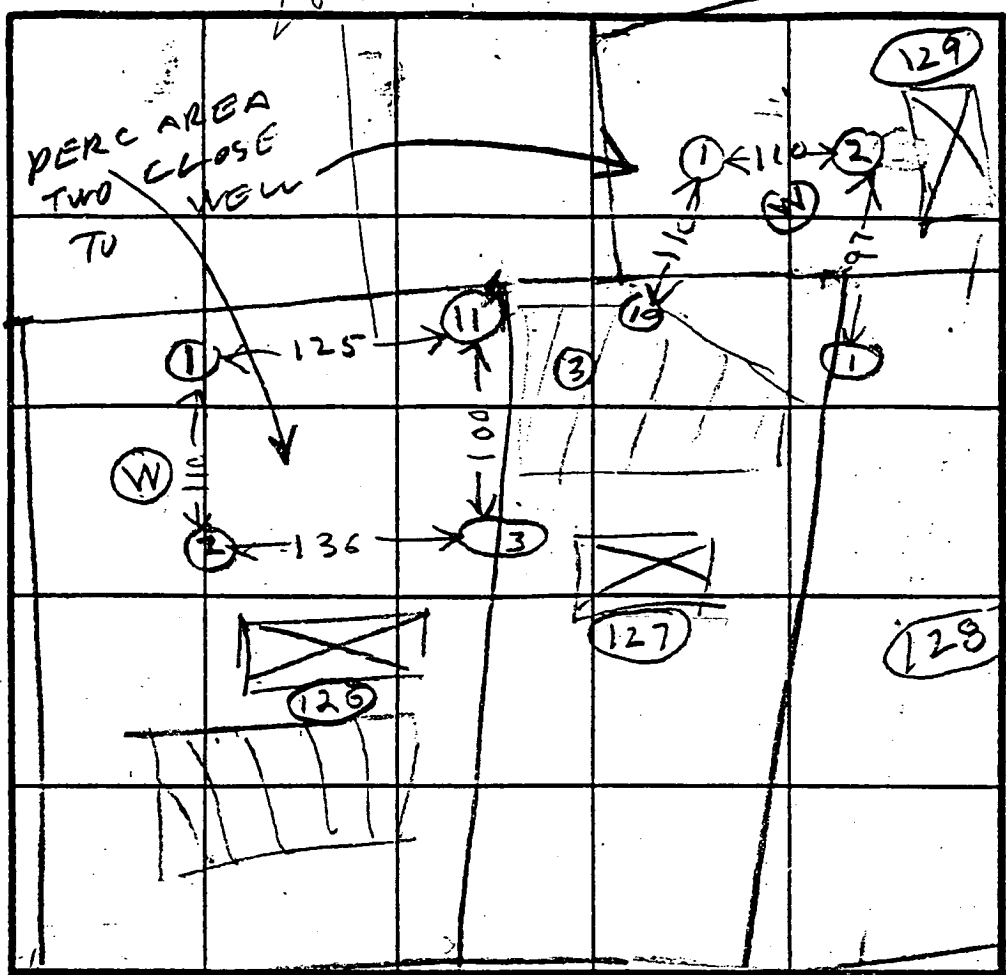
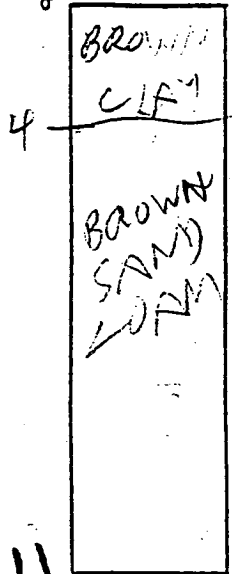
# THIS IS NOT A PERMIT

HD-216

Lot 126

Lot 126

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROAD A

LOT

BROWN CLAY  
BROWN SAND LOAM

HARD

BROWN CLAY  
BROWN SAND LOAM

ON LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/22/91	13	4 1/2	204	206	206	210	4	Lot 126
	14	11	OK	SHALLOW				
1	2 D	5	222	225	225	235	10	Lot 126
	2 S	3	223	233	233			
1	2 V	10 1/2	OK	SHALLOW				Lot 126
1	2 V	10 1/2	OK	SHALLOW				Lot 126
	ON LINE	11	OK	SEE A 47191				ON LOT 126

REMARKS: Soils Dug different from previous states

TYPE OF SOIL: \_\_\_\_\_

TESTED BY: R.H. HUGHES ALSO PRESENT: HUGHES

# APPLICATION

PERCOLATION TESTING

A 47223  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 6/13/91

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 11900 TECH RD, SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION WEST FRIENDSHIP ESTATES LOT NO LOT 125 - 48

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 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.

APPROVED BY [Signature] FOR PERCONTEE, INC. (SIGNATURE OF APPLICANT) DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

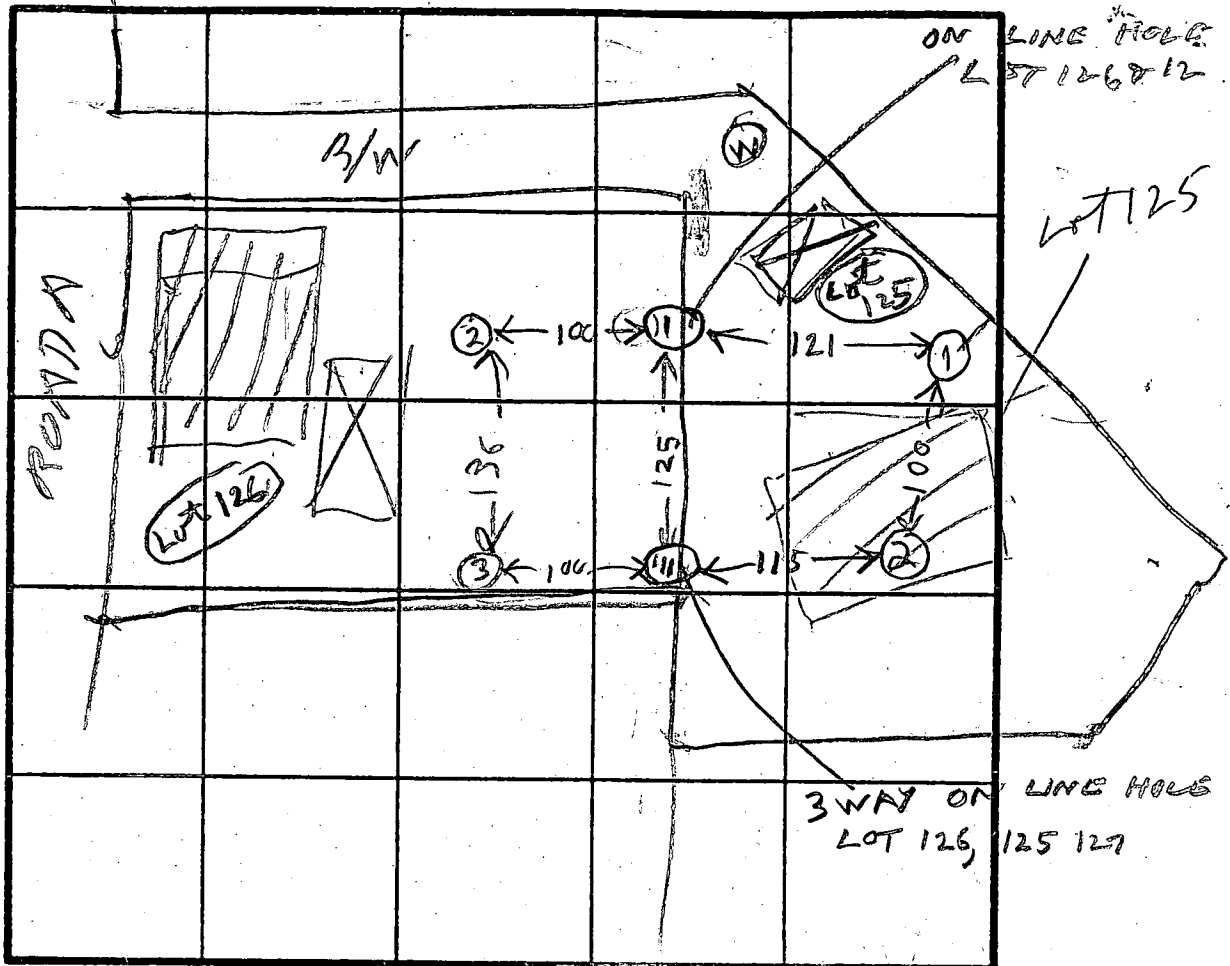
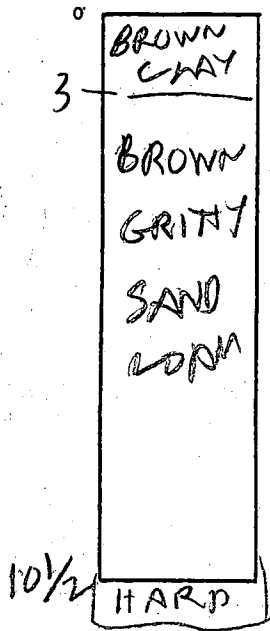
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

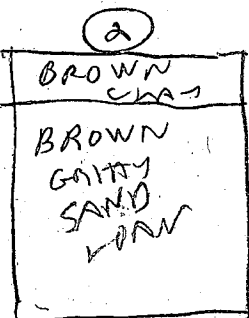
# THIS IS NOT A PERMIT

LOT 125  
A47223

SOIL PROFILE

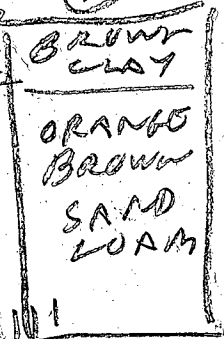


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

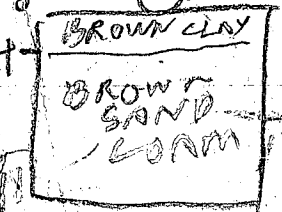


DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
7/23/91	1 S	4.5	1248	1249	1249	1250	18	#125	
	1 V	10.5	OK	SHALLOW					
" "	2 S	3.5	1248	102	102	120	18	#125	
	2 V	"	OK						
" "	ON LINE I	OK	OK	SEE SHEET FOR LOT 126					ON LINE #125
" "	ON LINE II		OK	SEE SHEET FOR LOT 127					#125 #127 #127
" "								#125	
" "								#125	
" "								#125	
" "								#125	

ON LINE (1)



ON LINE (1)



REMARKS: Holes dug Different from Surveyor Stake use Holes (1) (2) ON LINE (1) ON LINE (1)

TYPE OF SOIL

TESTED BY: B. HODGES

ALSO PRESENT: JOHN REUWER, O. K. TERMA

C1 5977

SEQUENCE NO. (DENV 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)

COUNTY NUMBER A#47223

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 020995

Depth of Well 185

PERMIT NO. 40-94-0300

OWNER ALTIERI HOMES last name FOX VALLEY DR. first name TOWN WEST FRIENDSHIP SUBDIVISION WEST FRIENDSHIP EST. SECTION 1 LOT 37

WELL LOG

GROUTING RECORD

C 3

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. Includes entries for SAND and GRAY MICA Rock.

WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 11 NO. OF POUNDS 1034 GALLONS OF WATER 66 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 37 ft.

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 27 WHEN PUMPING 66 TYPE OF PUMP USED (for test) S submersible

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE SF Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 42

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

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) LAND SURFACE (nearest foot)

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

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

DEPTH (nearest ft.) HO 41 185 E A C H S C R E E N 1 2 3 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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.

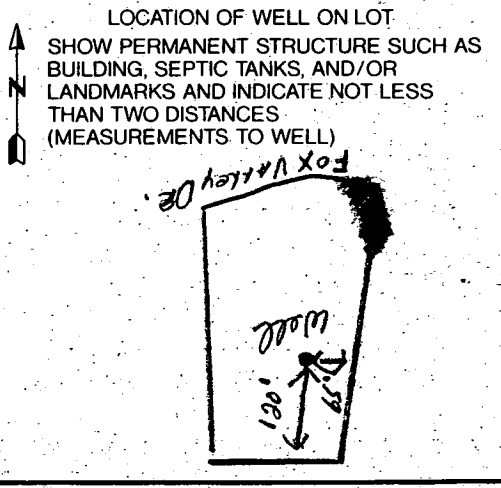
DRILLERS IDENT. NO. 24 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

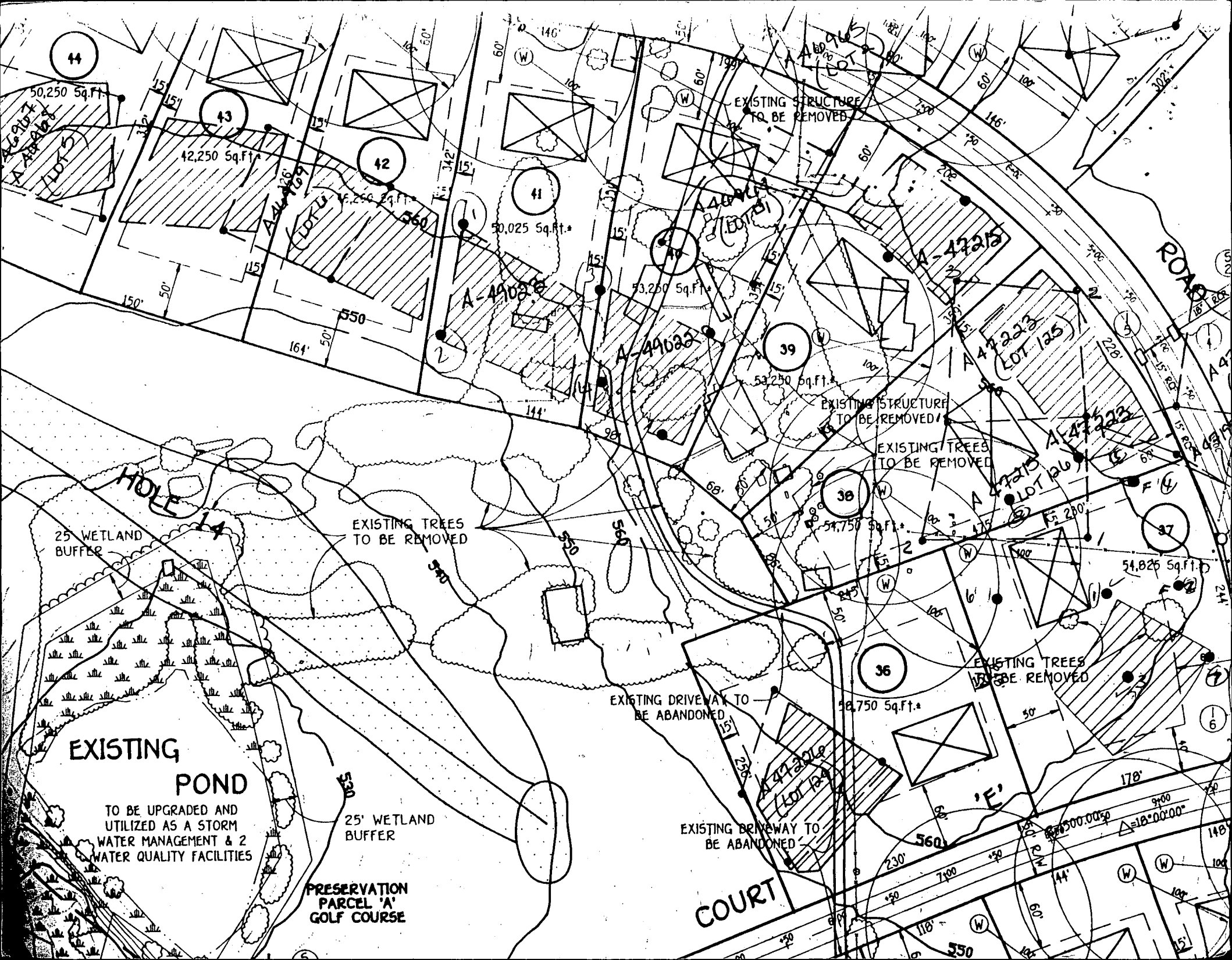
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76

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

TELESCOPE CASING LOG INDICATOR OTHER DATA





44

43

42

41

39

38

36

37

50,250 Sq.Ft.

42,250 Sq.Ft.

42,250 Sq.Ft.

50,025 Sq.Ft.

53,250 Sq.Ft.

53,250 Sq.Ft.

54,750 Sq.Ft.

51,825 Sq.Ft.

98,750 Sq.Ft.

EXISTING POND

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

PRESERVATION PARCEL 'A' GOLF COURSE

25 WETLAND BUFFER

25' WETLAND BUFFER

EXISTING TREES TO BE REMOVED

EXISTING DRIVEWAY TO BE ABANDONED

EXISTING DRIVEWAY TO BE ABANDONED

EXISTING STRUCTURE TO BE REMOVED

EXISTING TREES TO BE REMOVED

EXISTING TREES TO BE REMOVED

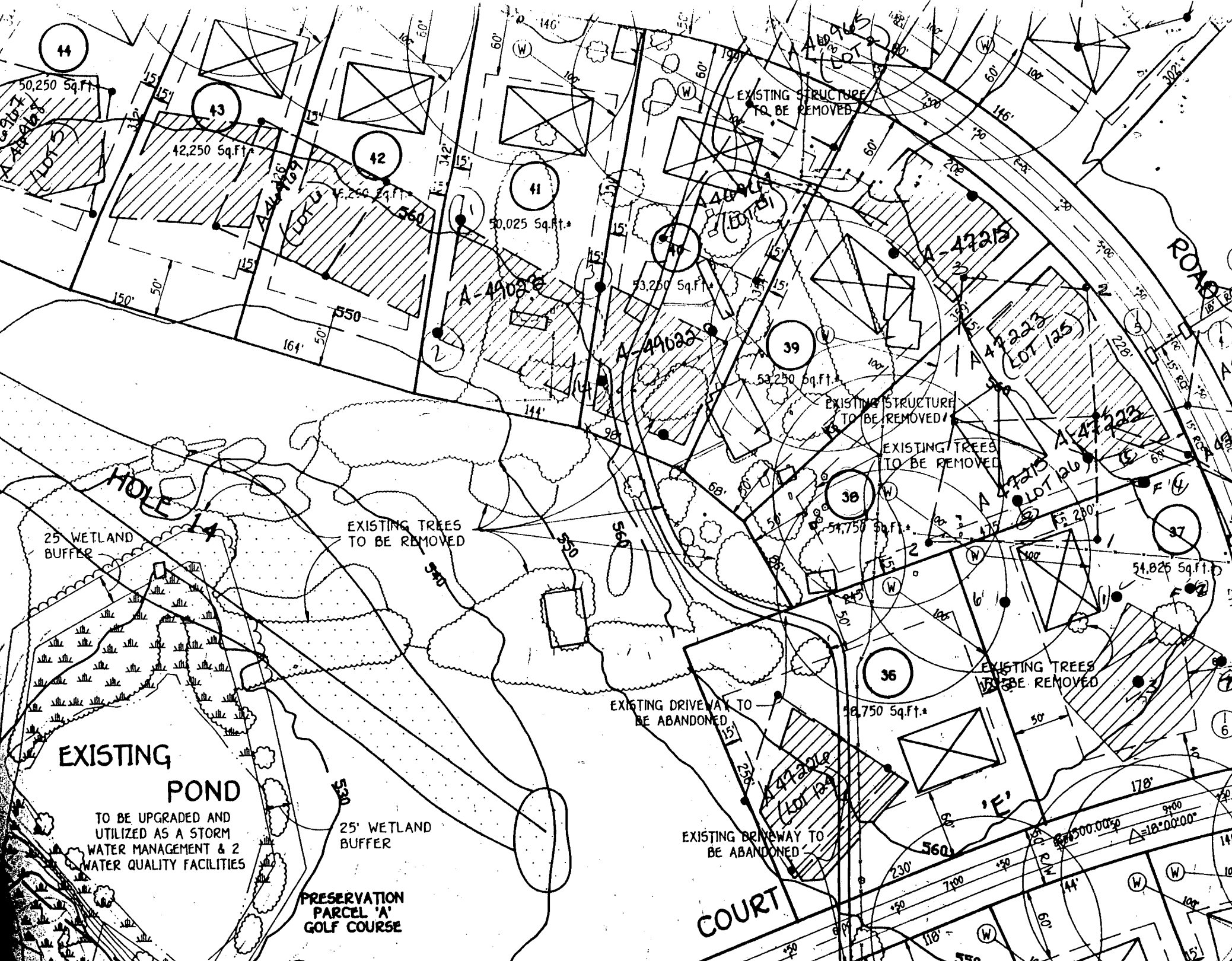
EXISTING STRUCTURE TO BE REMOVED

HOLE

COURT

ROAD

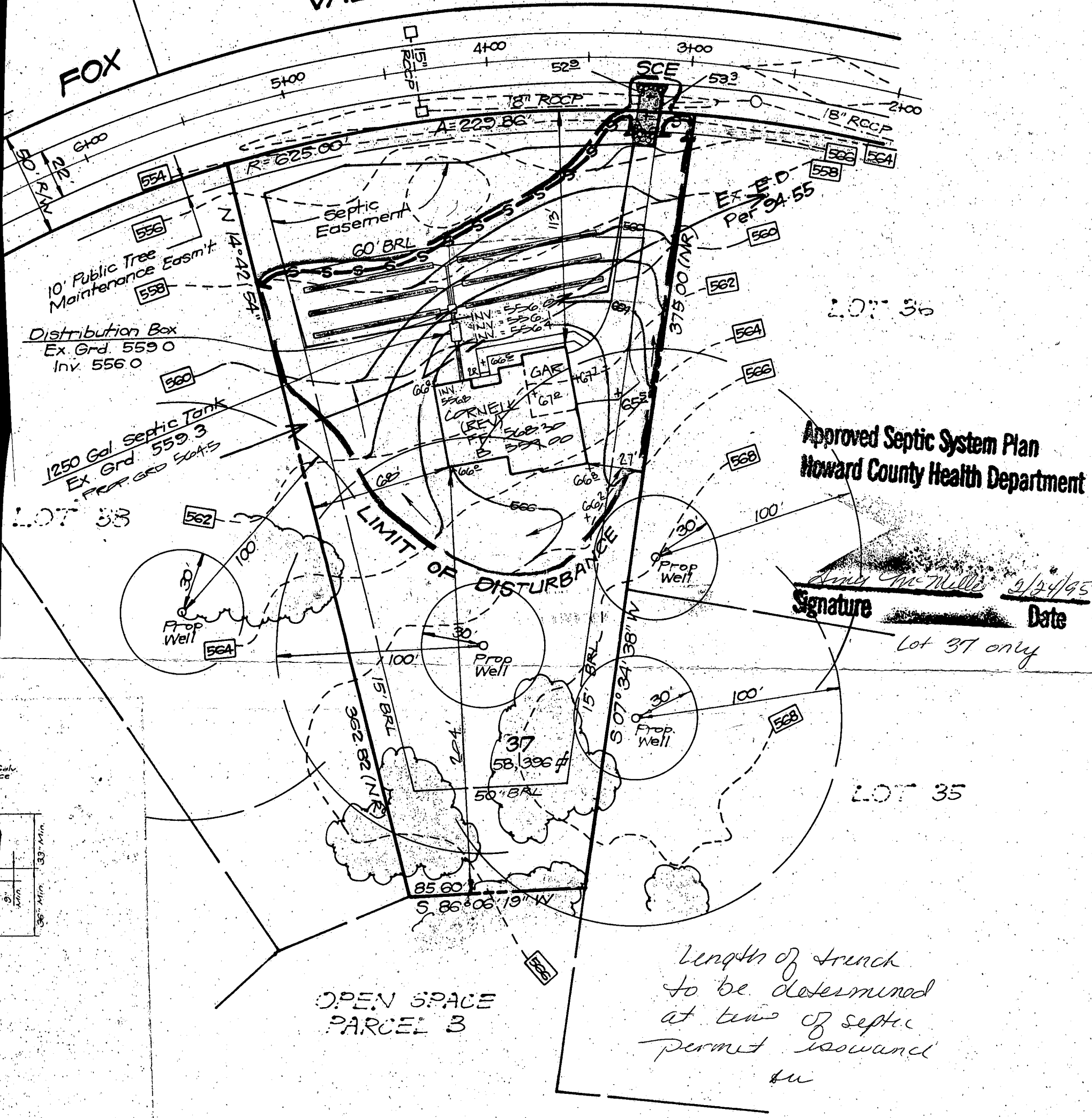
'E'



# VALLEY DRIVE

Grade from H.P. to provide ditch drainage over dipped driveway

FOX



Approved Septic System Plan  
Howard County Health Department

*Andy McMillen* 2/24/95  
Signature Date

Lot 37 only

Length of trench  
to be determined  
at time of septic  
permit issuance  
su

Reviewed for HOWARD S.C.D.  
and meets Technical Requirements

Signature \_\_\_\_\_ Date \_\_\_\_\_  
US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED  
FOR SOIL EROSION AND SEDIMENT  
CONTROL BY THE HOWARD SOIL  
CONSERVATION DISTRICT.

Approved

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

*Greg Altieri*  
GREG ALTIERI

1-19-95  
Date

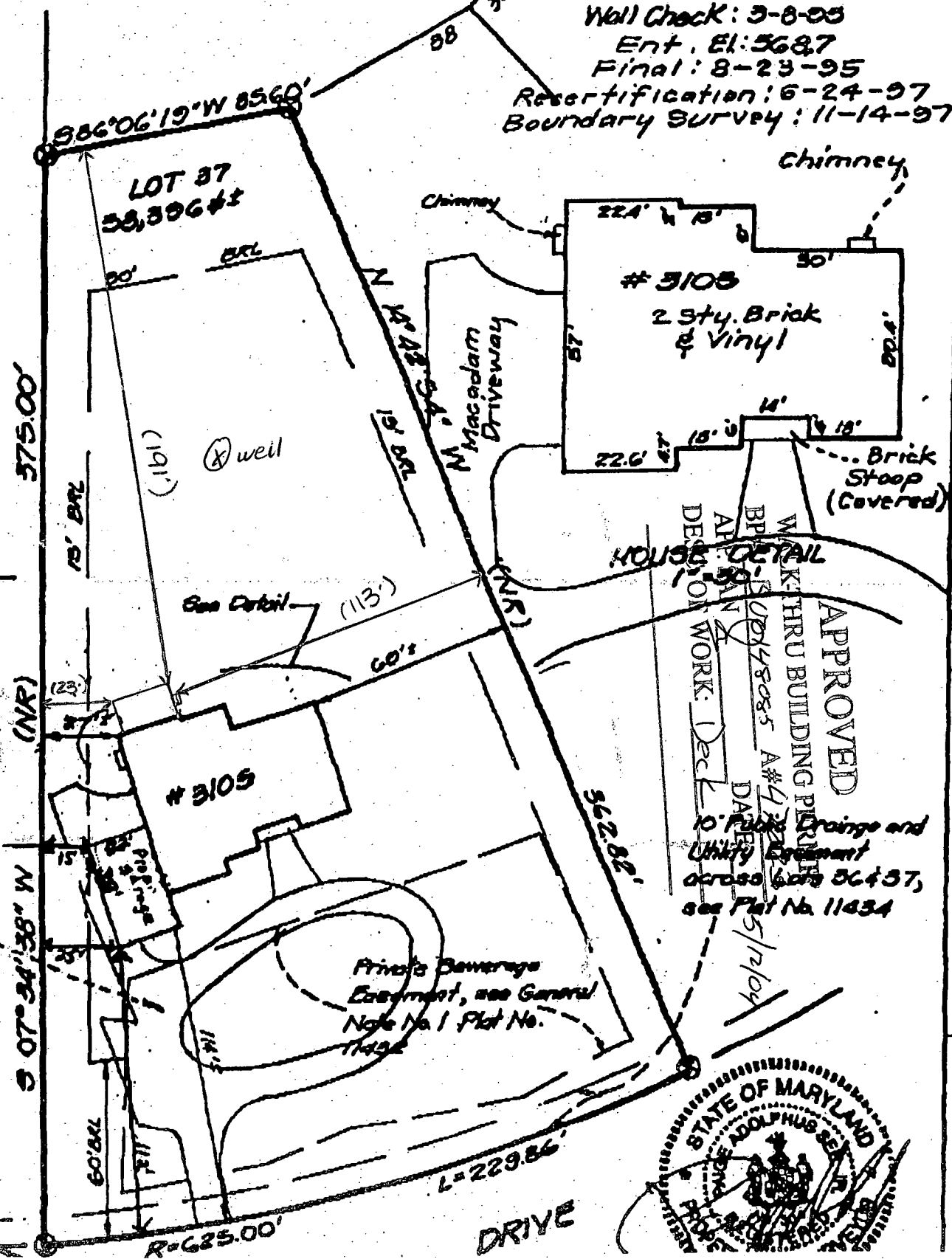
constructed in  
ghway Administration  
fications for a  
ch fabric and  
te embedment.  
rely to fence posts  
to chain link fence  
top and mid section.  
join each other they  
folded:  
ded and material  
ilt fence.

NOTE: This lot appears to lie in an area classified BOUNDARY SURVEY as Zone-C, area of minimal flooding, as shown on FIRM MAP of Howard County, Maryland, Community-Panel Number 2400440015B, Panel 15 of 45, dated December 4, 1986.

3108 FOX VALLEY DRIVE  
LOT 37  
WEST FRIENDSHIP ESTATES

SECTION 1  
LOTS 1 - 56, PARCELS A, B, C & D  
3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
Wall Check: 3-8-95  
Ent. El: 568.7  
Final: 8-23-95  
Resertification: 6-24-97  
Boundary Survey: 11-14-97

Open Space Parcel 'B'



HOUSE DETAIL  
APPROVED  
W. KATHRU BUILDING PLAN  
# 47885  
DATE: 5/12/04  
10' Deck, Drains and Utility Equipment across 60' 36\"/>



Macadam Driveway

Private Beverage Equipment, see General Note No. 1 Plat No. 11434

DRIVE