

1/9/98  
CO Notes

# PERMIT

03-321-851

## SEWAGE DISPOSAL SYSTEM

P 59294

A 41803

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

#### HOWARD COUNTY HEALTH DEPARTMENT

DATE 1-5-98

BUREAU OF ENVIRONMENTAL HEALTH

DATE SYSTEM APPROVED 1/9/98

~~XXXXXXX~~ 410-313-2640

INSPECTOR RF

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 410-875-4197

SUBDIVISION West Friendship Estates LOT 87 ROAD 3183 Fox Valley Drive

PROPERTY OWNER Altieri Homes

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 - Begin trenches 110 feet up the left (252.66') lot line and 100 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 KM 10/24/97

PLANS APPROVED BY Amy McMillen/Glen Savage DATE 10/21/97

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

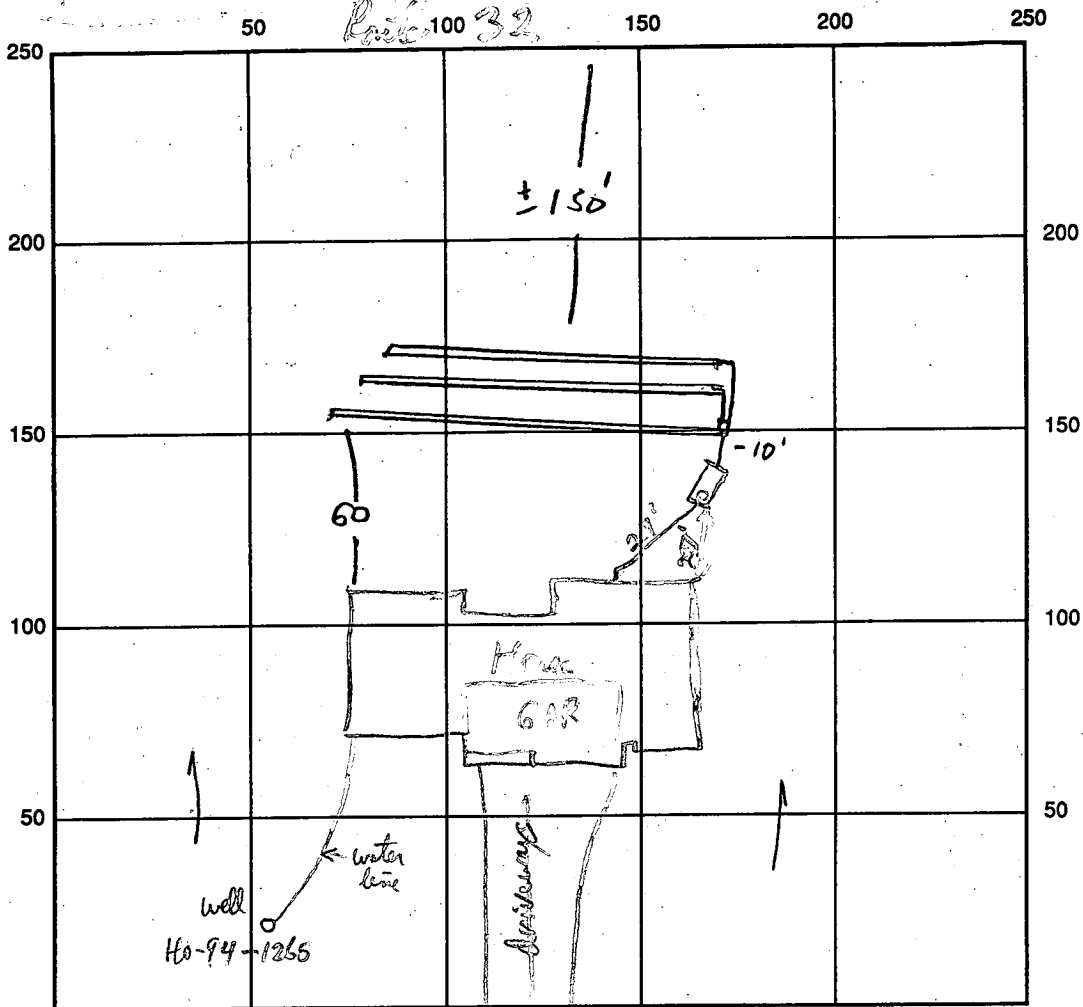
PERMIT VOID AFTER TWO YEARS

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  
41803



For Valley Dr. INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 old misc.com CLEANOUTS 1 ON TANK  
 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  $\frac{1/2/3}{8/23/79}$  FT. = 251  
 NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 753 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: septic tank ok to cover, Hvac. meter ok to cover P/P 1/7/98  
1/9/98 SYSTEM COMPLETE COVER ALL WORK. JJ

W/P - pitless septic. ok to cover 1/7/98 P/P  
 DATE SYSTEM APPROVED 1/9/98 INSPECTOR Hel Song

# APPLICATION

38250

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT 3RD

DATE 3/10/88

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 PRISCILLA CLAGETT AND AVIS PFEFFELKORN Altieri Homes

ADDRESS 14000 CASTLE BOULEVARD SILVER SPRING MARYLAND 20904 PHONE 202-890-6077

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION BUENA VISTA FARM ESTATES LOT NO. 29

ROAD AND DESCRIPTION 3183 FOX VALLEY DRIVE EAST SIDE OF PFEFFELKORN ROAD, NORTHWEST

OF MD ROUTE 32

TAX MAP 22 PARCEL # 8

SIZE OF LOT 3.7 AC. TYPE BLDG. SFD - 4 Brn

(SINGLE FAMILY DWELLING OR COMMERCIAL)

ELIG. PERMIT SIGNED  
AND RETURNED 10-21-97  
Serial # 217108346

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 \_\_\_\_\_

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

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

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

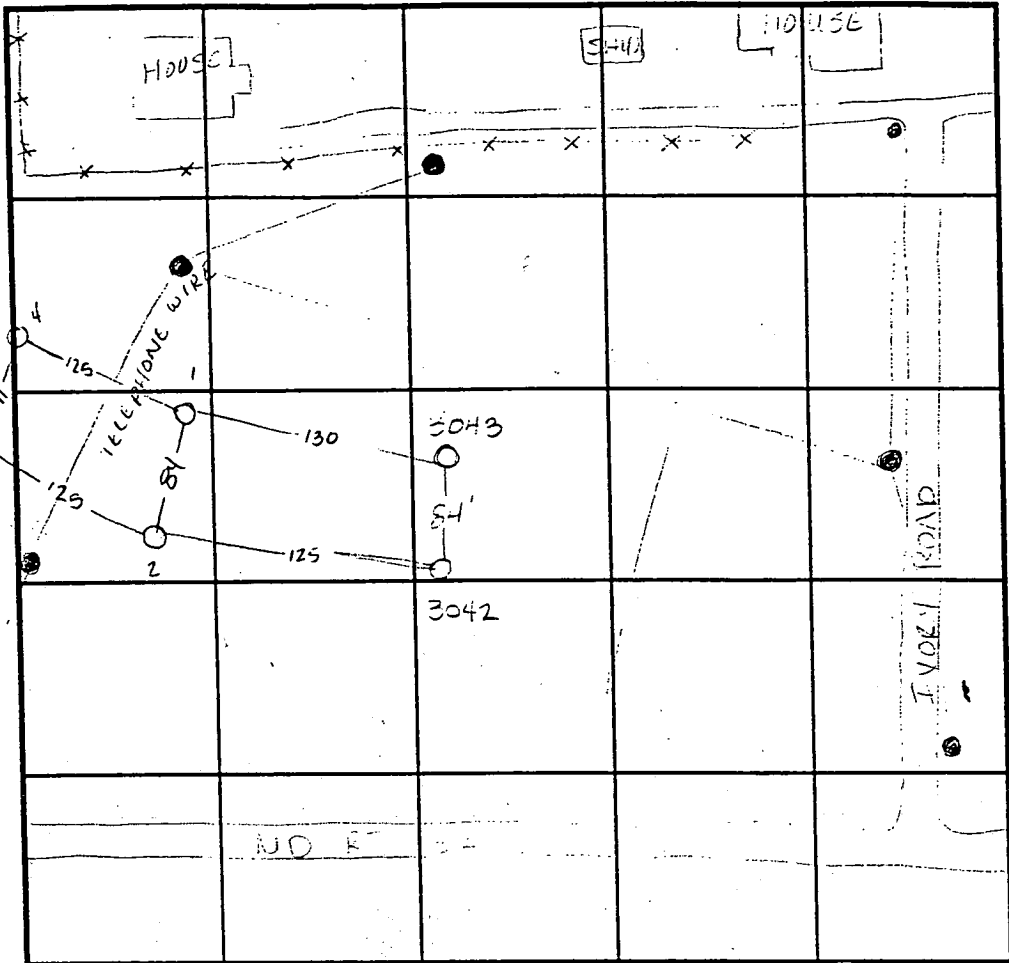
# THIS IS NOT A PERMIT

101 89

COUNTY #

SOIL PROFILE  
3042 3043

0' dark red  
red zone of 30% shale  
CL  
4' bright red sil  
5% decayed rock  
OK



SOIL PROFILE

0'

1.4.3

bright red sil

3' yellowish red sil  
5-10% black/red/yellow shale decayed  
OK

2

dark red/brn CL

3' reddish brn (light) sil

6' pocket of 30% decayed shale not continuous  
OK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-16-95	3042	4.5' / V12	10:10 <sup>45</sup>	10:12 <sup>45</sup>	10:12 <sup>45</sup>	10:15 <sup>15</sup>	2 1/2 min
	3043	5.5' / V11.5	10:30 <sup>30</sup>	10:32 <sup>45</sup>	10:32 <sup>45</sup>	10:36 <sup>45</sup>	3 1/4 min
	3004	3' / V10	11:27	11:28	11:28	11:29 <sup>30</sup>	1 1/2 min
	3003	5' / V11	11:31	11:33	11:33	11:35 <sup>15</sup>	2 3/4 min
	3002	3.5' / V10	11:39	11:47 <sup>30</sup>	11:47 <sup>30</sup>	12:00	12 1/2 min
	3001	4.5' / V10	11:58	11:59	11:59	12:00	1 min
	3001	repair	12:00 <sup>45</sup>	12:02 <sup>15</sup>	12:02 <sup>15</sup>	12:04 <sup>30</sup>	2 1/4 min

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillan ALSO PRESENT Alan Keller

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

10

# APPLICATION

PERCOLATION TESTING

A 41821  
P \_\_\_\_\_

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

DISTRICT 3rd  
DATE 3/10/88

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 PRISCILLA CLAGETT AND AVIS PFEFFERKORN  
CL  
ADDRESS 14000 CASTLE BOULEVARD SILVER SPRING PHONE 202-890-6077  
MARYLAND 20904

PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: Prelim 16  
SUBDIVISION BUENA VISTA FARM ESTATES LOT NO. 28 Sec 1  
ROAD AND DESCRIPTION EAST SIDE OF PFEFFERKORN ROAD, NORTHWEST  
OF MD ROUTE 32

TAX MAP 22 PARCEL # 8  
SIZE OF LOT 3.4 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.

*Avis Pfefferkorn*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 823-28 For perc hole locations and subdivision plat approval. Move 10 ft to obtain 10,000 sqft. etc.

# THIS IS NOT A PERMIT

High A-B A41821  
 (C) D  
 Low D

(A)  
 SOIL PROFILE

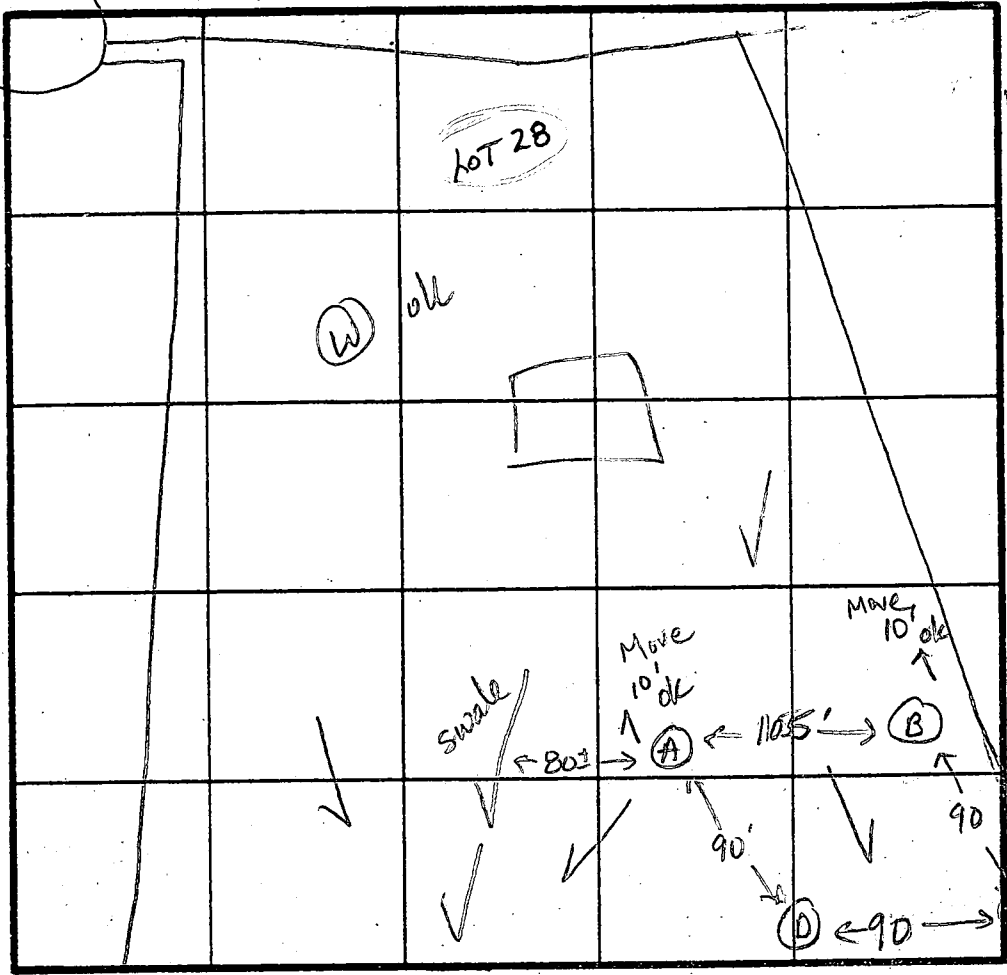
0-3.0' Rd-br si cl lm  
 3-14.0 Br sa si lm, some decomposed rock & 25%  
 14.0 Bottom

(B)

0-5.0 Br si cl lm, <20% broken rx  
 5-13.5 Br mica sa si lm <15% decomp. rx  
 13.5 Bottom

(D)

0-4.0 Rd-br si cl lm  
 4.0-13.5 Br sa si lm, <25% decomposed rock  
 13.5 Bottom



(C)

0-5.5 Br-rd sa si cl lm <10% broken rock  
 5.5-14.0 Br sa si lm, <20% decomposed rock  
 14.0 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rt 32

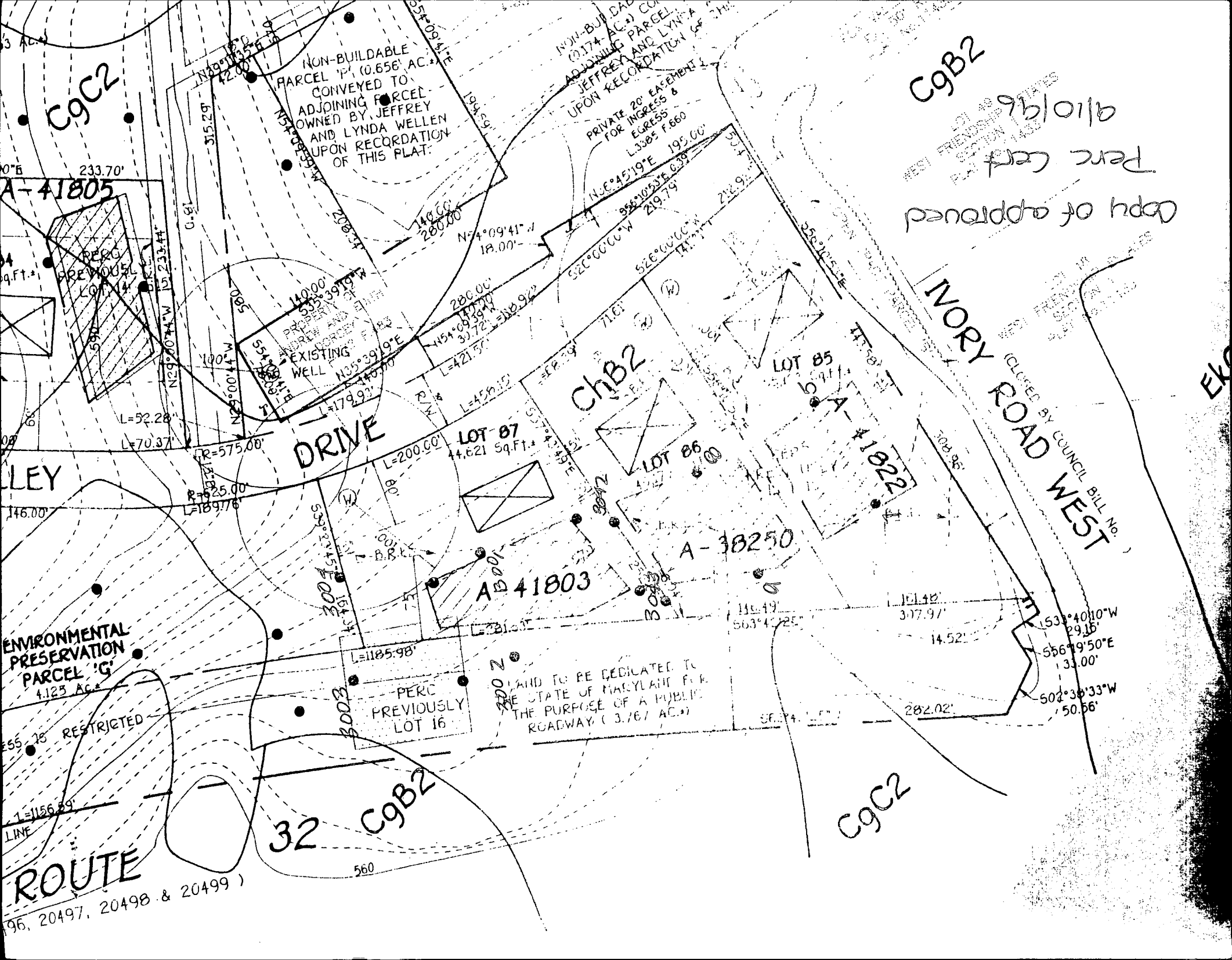
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-23-82	ok A	4.0 S	4:11	4:16	4:16	4:25	19 min
		M. 14.0 B	4:27 (see profile)	4:29	4:29	4:32	3 min ok
	ok B	4.5 S	4:12	4:23	4:23	4:31	8 min
		13.5 D	(see profile)				ok
	ok D	4.0 S	4:39	4:48	4:48	5:10	12 min
		13.5 D	Bottom (see profile)				ok
	ok C	4.5 S	4:34	4:38	4:38	4:45	7 min
		14.0 D	(see profile)				ok

REMARKS: Move 10 ft on either side to get 10,000 sq ft.

TYPE OF SOIL: 0-5 Br-rd si cl lm, <20% rx, 5-13.5 Br sa si lm, <25% decomposed rx

TESTED BY: J.E. Nadeau ALSO PRESENT: Pat

EH-12-1079



C9C2

C9B2

copy of approved  
Peric Cert  
9/10/196

A-41805

ChB2

INORY ROAD WEST  
(CLOSED BY COUNCIL BILL No. 10)

ALLEY

DRIVE

LOT 87  
+4,621 Sq.Ft.

LOT 86

LOT 85

A-41822

AB 41803

A-38250

ENVIRONMENTAL PRESERVATION PARCEL 'G'  
1.125 Ac.

PERC PREVIOUSLY LOT 16

LAND TO BE DEDICATED TO THE STATE OF MARYLAND FOR THE PURPOSE OF A PUBLIC ROADWAY (3.767 AC.)

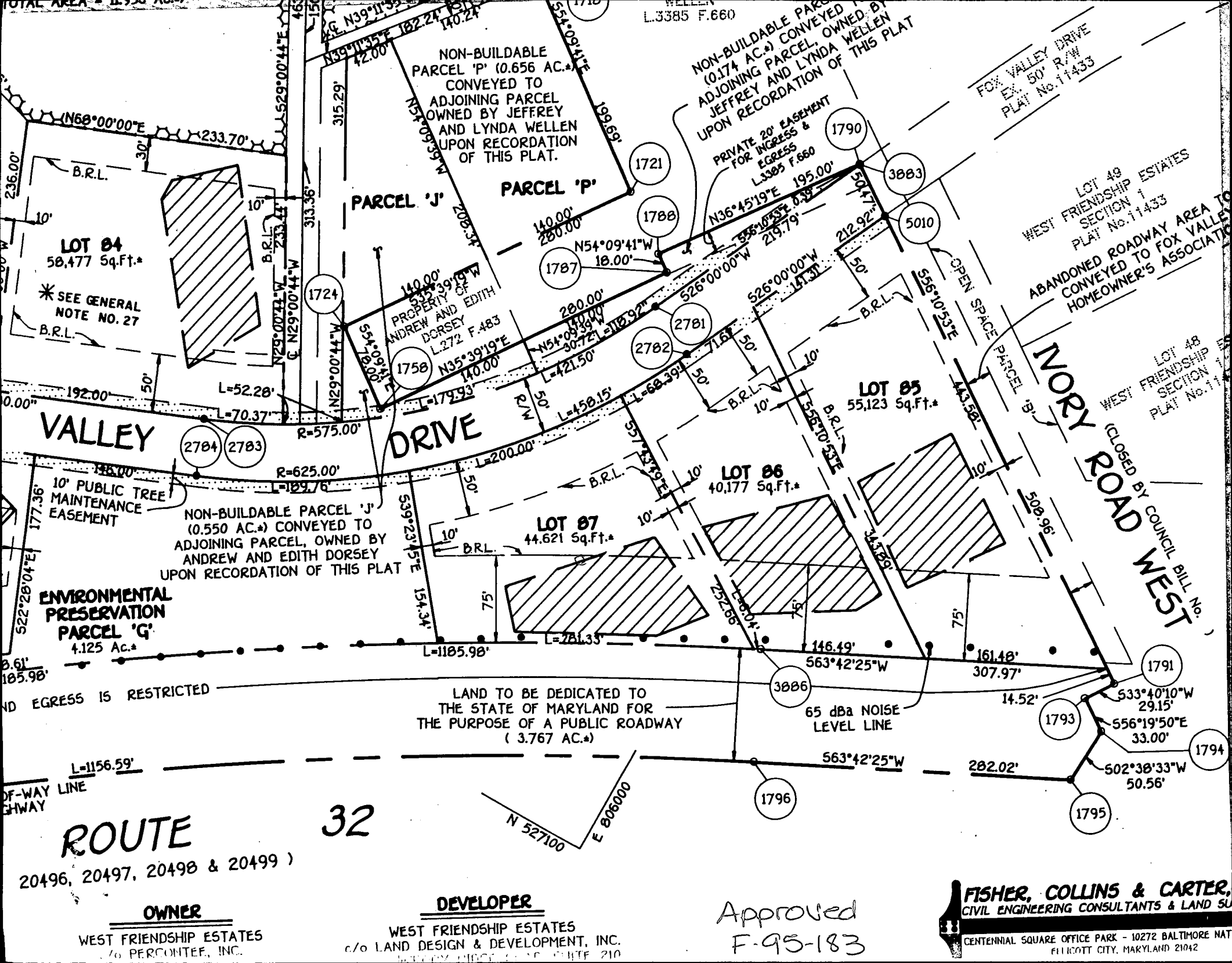
ROUTE

32 C9B2

C9C2

96, 20497, 20498 & 20499 )

560



**LOT 84**  
58,477 Sq.Ft.\*  
\*SEE GENERAL NOTE NO. 27  
B.R.L.

NON-BUILDABLE PARCEL 'P' (0.656 AC.)\*  
CONVEYED TO ADJOINING PARCEL OWNED BY JEFFREY AND LYNDA WELLEN UPON RECORDATION OF THIS PLAT.

NON-BUILDABLE PARCEL (0.174 AC.)\*  
ADJOINING PARCEL OWNED BY JEFFREY AND LYNDA WELLEN UPON RECORDATION OF THIS PLAT

PROPERTY OF ANDREW AND EDITH DORSEY  
L.272 F.483

NON-BUILDABLE PARCEL 'J' (0.550 AC.)\*  
CONVEYED TO ADJOINING PARCEL, OWNED BY ANDREW AND EDITH DORSEY UPON RECORDATION OF THIS PLAT

**ENVIRONMENTAL PRESERVATION PARCEL 'G'**  
4.125 Ac.\*

LAND TO BE DEDICATED TO THE STATE OF MARYLAND FOR THE PURPOSE OF A PUBLIC ROADWAY ( 3.767 AC.)\*

LOT 49 WEST FRIENDSHIP ESTATES SECTION 1 PLAT No. 11433  
ABANDONED ROADWAY AREA TO BE CONVEYED TO FOX VALLEY HOMEOWNER'S ASSOCIATION

LOT 48 WEST FRIENDSHIP ESTATES SECTION 1 PLAT No. 11433

**NORY ROAD WEST**  
(CLOSED BY COUNCIL BILL No. ...)

**ROUTE 32**  
20496, 20497, 20498 & 20499 )

**OWNER**

WEST FRIENDSHIP ESTATES  
PERCONTEE, INC.

**DEVELOPER**

WEST FRIENDSHIP ESTATES  
c/o LAND DESIGN & DEVELOPMENT, INC.  
1100 WHITEHALL DRIVE, SUITE 210  
BALTIMORE, MARYLAND 21202

Approved  
F-95-183

**FISHER, COLLINS & CARTER,**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL AVENUE  
FELICOTT CITY, MARYLAND 21042

APPLICATION

HOWARD COUNTY

# PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

\$ 25.00  
44

SERIAL NUMBER

1300108346

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

3183 Fox Valley Drive  
West Friendship, MD. 21194 32653

GRADING/SEDIMENT CONTROL  YES  NO *GP 93-56*  
SDP #

DESCRIPTION OF WORK AUTHORIZED  
Custom  
2 Story full bsmt, 11R, 4FB.  
3 Car Garage (4 Bedrooms)  
Bsmt 23

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
87	536			2		

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
West Friendship	RC	1524	3	6030

OWNER NAME AND ADDRESS  
Attner Homes  
11171 Red Branch Rd, Suite 201  
Columbia MD. 21045  
PHONE NO. 410-715-4500

OCCUPANT'S NAME AND ADDRESS  
OWNER  
PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS  
Clark, Finamore + Siskett, Inc.  
7135 Minutal Way  
Columbia MD. 21045  
PHONE NO. 410-381-7500

CONTRACTOR'S NAME AND ADDRESS  
Attner Homes  
11171 Red Branch Rd, Suite 201  
Columbia MD. 21045  
PHONE NO. 410-715-4500

EXISTING USE: Vacant Lot  
PROPOSED USE: SFD

EST. CONSTRUCTION COST: 150,000  
LICENSE NUMBER  
PERMIT FEE

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS ROOMS BATHS FIREPLACES			

FOOTINGS	FOUNDATION	S. WALLS

UTILITIES					
WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC
X	X	X	X	FNA	X

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

SIGNATURE: [Signature]  
TITLE: President  
DATE: 10/15/97

### FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE \_\_\_\_\_  
SIDE YARD \_\_\_\_\_  
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)  
TO SIDE BUILDING LINE \_\_\_\_\_  
DISTANCE IN FEET, REAR YD. REQUIRING SET \_\_\_\_\_  
BACK \_\_\_\_\_ (CORNER LOT ONLY) \_\_\_\_\_  
SDP # \_\_\_\_\_

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	10/21/97	[Signature]
FIRE PROTECTION		
STORM WATER MGM.		

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

**CAUTION**  
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.  
Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
Distribution of Copies:  
White - Building Official  
Green - Planning & Zoning  
Yellow - Engineering  
Pink - Health Dept.  
Gold - S.H.A.

LP-69-591

A

W.S.I. APPROVED BY RP ON 1/7/98

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 1/9/98

Name of Installer ROBERT L. FEEZER Co., Inc.

Telephone 410-781-4655

License Number 2122  
Certified Well Pump Installer

Well Driller  Registered Plumber

Name of Property Owner ALTIERI Homes

Telephone 410-795-1405

Subdivision FOX VALLEY CHASE L. # 37

Well Tag # HO-94-1265

Site Address 3103 FOX VALLEY DRIVE

- Pump
- a. Deep well jet
  - b. Shallow well jet
  - c. Submersible
  - 2. Make STRUTE
  - 3. Model # 15PUC032L
  - 4. Capacity 7 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
  - 2. RPM 3450
  - 3. Voltage \_\_\_\_\_
    - a. 110 \_\_\_\_\_
    - b. 220

- Pitless Adapter
- 1. Make HAERLAND
  - 2. Model # 71800
  - 3. Depth 18.5

- CAPTIVE AIR  
Tank WELL-X-TRAC
- 1. Capacity 32 GALS.
  - 2. Pressure relief valve? YES

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

- Well data
- 1. Depth 18.5 ft.
  - 2. Yield 8.5 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. Feezer

Date: 1/9/98

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

C1 9574 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 A41803

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 092397

Depth of Well 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H094-1265

OWNER Alteri Hornes STREET OR RFD Fox Valley Drive TOWN Wb Friendship SUBDIVISION W. Friendship SECTION LOT 87

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, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N)

TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below (Steel, Concrete, Plastic, Other)

MAIN CASING TYPE Nominal diameter top (main) casing, Total depth of main casing

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

SCREEN RECORD screen type or open hole (Steel, Brass, Plastic, Open Hole, Other)

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

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 116

DRILLERS SIGNATURE (Must match signature on application) LIC. NO. MSD 117

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

DEPTH (nearest ft.) HO 36 185

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

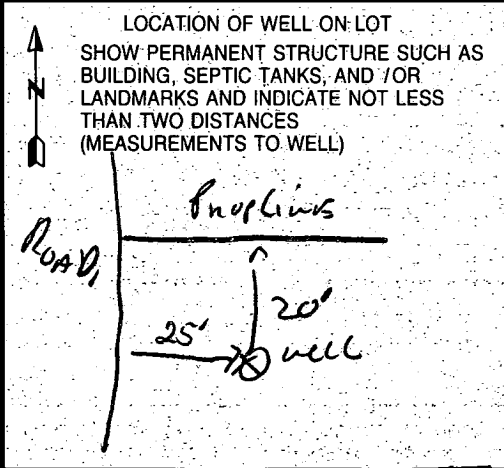
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 8.5 METHOD USED TO MEASURE PUMPING RATE Bucked WATER LEVEL (distance from land surface) BEFORE PUMPING 25 ft. WHEN PUMPING 25 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP 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)



**B 1** 0780 SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type STATE PERMIT NUMBER H0-94-1265  
70 fill in this form completely 78

**Date Received (APA)** 082997  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**OWNER INFORMATION**  
 8 ALTIERI HOMES  
 13  
 15 Last Name Owner First Name 34  
9017 Red Branch Rd #201  
 36 Street or RFD 55  
COLUMBIA MD 21045  
 57 Town 70 State 72 Zip 76

**B 3** LOCATION OF WELL  
 1 HOWARD  
 2 8 COUNTY  
WEST FRIENDSHIP EST  
 21 23 SUBDIVISION 42  
 SECTION 2 LOT 87  
 44 46 48 50  
WESTER FRIENDSHIP  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) 1 MI.  
 73 76 77 78

**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD  
Ralph MAYNE  
 Driller's Name License No. 80 1117  
Ralph MAYNE Well DRILLING  
 Firm Name License No. 77  
17024 Handy Rd. Mt Airy MD. 21271  
 Address  
Ralph E. Mayne 8/25/97  
 Signature Date

**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
 NEAR WHAT ROAD Fox Valley Dr.  
 11 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
 34 25 37  
 DISTANCE FROM ROAD  
 ENTER FT OR MI 4  
 38 39  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

**B 2** WELL INFORMATION  
 APPROX. PUMPING-RATE (GAL. PER MIN.) 5  
 1 2 3 4 5 6 7 8 9 10 11 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500  
 13 14 15 16 17 18 19 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard A 41803  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE DATE ISSUED Kim Maish 8/29/98  
 43 48 CO-SIGNATURE EXP. DATE  
 NORTH GRID 520000 EAST GRID 0800000  
 50 55 57 63

**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 150 FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

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  
 E 800  
 N 520  
 000 000  
 9-22-97 9:30

**METHOD OF DRILLING** (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
 CABLE  REVerse-ROTary  DRive-POINT  
 other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS** (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
 APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 54 63  
 FORCE  WRITE INITIALS IN BOX PERMIT No. H0-94-1265  
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS  
 NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

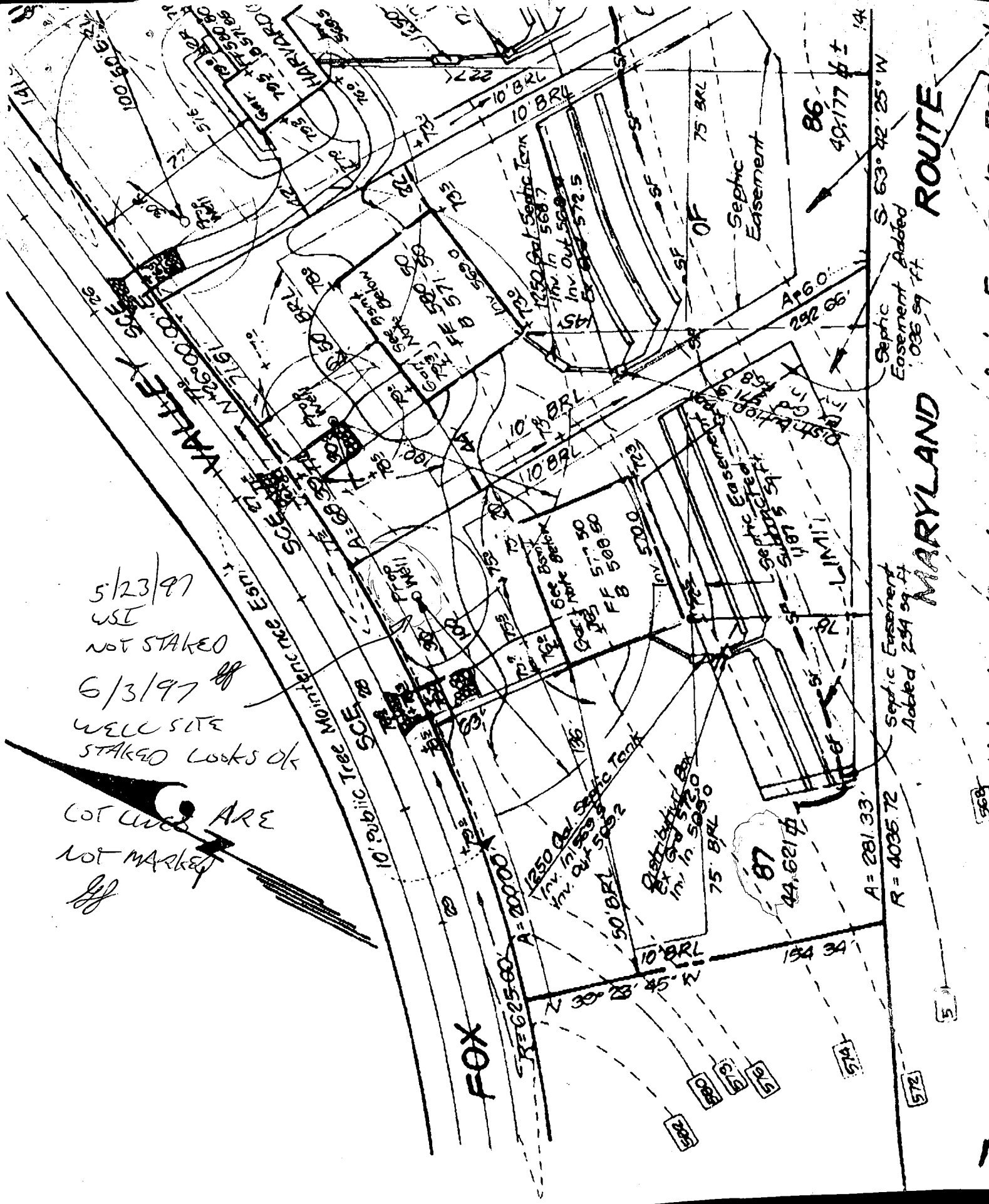
5/23/97  
WSI

NOT STAKED

6/3/97

WELL SITE  
STAKED LOOKS OK

LOT LINES ARE  
NOT MARKED



ROUTE

MARYLAND

Sephic Easement Added  
036.97 ft

Sephic Easement  
Added 254.99 ft

A = 281.33  
R = 4036.72

86  
40:177 ±

Sephic Easement

Sephic Easement

Sephic Easement

and Easements is Restricted

and Easements is Restricted

568

5

568

569

570

571

574

572

EMERGENCY/TEMP NO. IF ANY

B 1 **3865**  
2 (THIS NUMBER IS TO BE PUNCHED  
3 IN COLS. 3-6. ON ALL CARDS)

SEQUENCE NO.  
(DP USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
**HO-94-1188**  
70 fill in this form completely 79

Date Received (APA)  
**031697**  
OWNER INFORMATION  
**ALTERI HOMES**  
15 Last Name 13 Owner 34 First Name  
**7017 REDBROUCK RD**  
36 Street or RFD 55  
**COLUMBIA MD 21045**  
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
1 **HOWARD**  
2 8 COUNTY 21  
**WESFRIENDSHIP**  
42 SUBDIVISION  
SECTION **2** 44 46 LOT **87** 48 50  
**WESFRIENDSHIP**  
71 52 NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **2** 73 MI 76 77 78

DRILLER INFORMATION  
**DERRY HAWLEY** (MSD/MGD/MWD) **143**  
Driller's Name 77 License No. 80  
**HAWLEY DRILLING**  
Firm Name  
**Box 160 WOIKENSVILLE, MD**  
Address  
**Derry Hawley** **5-1-97**  
Signature Date

B 4 DIRECTIONS TO WELL FROM TOWN (CIRCLE APPROPRIATE BOX)  
N W N E  
8-9 8-9  
W TOWN E  
8 8  
S S E  
8-9 8-9  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH N  
WEST W EAST E  
SOUTH S  
34 **40** 37  
DISTANCE FROM ROAD  
ENTER FEET OR MI **10**  
38 39  
TAX MAP: **22** BLK: **2** PARCEL **556**

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **3** 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **600** 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 J INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATE PERMIT)  
 P PUBLIC OR PRIVATE WATER SUPPLY COMPANY (REQUIRES APPROPRIATION PERMIT AND HEALTH DEPARTMENT APPROVAL)  
 T TEST, OBSERVATION, MONITORING (REQUIRES APPROPRIATE PERMIT)

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL  
**HOWARD** **A41803**  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE DATE ISSUED INSERT S  41  
**060997** **6-4-98**  
43 48 CO SIGNATURE EXP. DATE  
NORTH GRID **5280000** EAST GRID **9040000**  
50 55 57 63

APPROXIMATE DEPTH OF WELL **200** 24 28  
APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

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  
E **804**  
N **528**  
000  
000  
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
**HOWARD**  
**FOX VALLEY DR.**  
**PARKER ROAD**  
**MD 32**  
**LOT #87**

METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCUSSION  Rotary (Hydraulic Rotary)  
 CABLE  REVERSE-ROTARY  Drive Point  
other

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 DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER **GAP** 54 63  
FORCE **GS** WRITE INITIALS IN BOX PERMIT No. **HO-94-1188**  
67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS  
NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =  
DRILLER





**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.

DESIGNED JME KJWM	SITE DEVELOPMENT, SEDIMENT & EROSION CONTROL PLAN LOTS 59, 70, 72, 95, 85-87	SCALE 1"=50'
DRAWN BAL		DRAWING 2 OF 2
CHECKED KJM	WEST FRIENDSHIP ESTATES SECTION 2 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 97-071
DATE 6/12/96		FILE NO. 97-071 X
For: ALTIERI ENTERPRISES, INC. 3017 Red Branch Road, Ste. 201 Columbia, Maryland 21045		

60-96-189A

REVISIONS	DATE
1. Rev. hse. egrd. lot 85 from Gen. box to Harvard (Rev.)	5-9-97
2. Rev. hse. egrd. lot 59 from Gen. box to Modified Cornell	5-13-97
3. Rev. well & drwy loc, Lot 59, as per Hb. Co. Health.	5-30-97
4. Rev. hse. egrd. lot 87, from gen. box to Davis Res.	10-14-97

Approved Septic System Plan  
Howard County Health Department

B00108346

*[Signature]*  
Signature Date 10/21/97

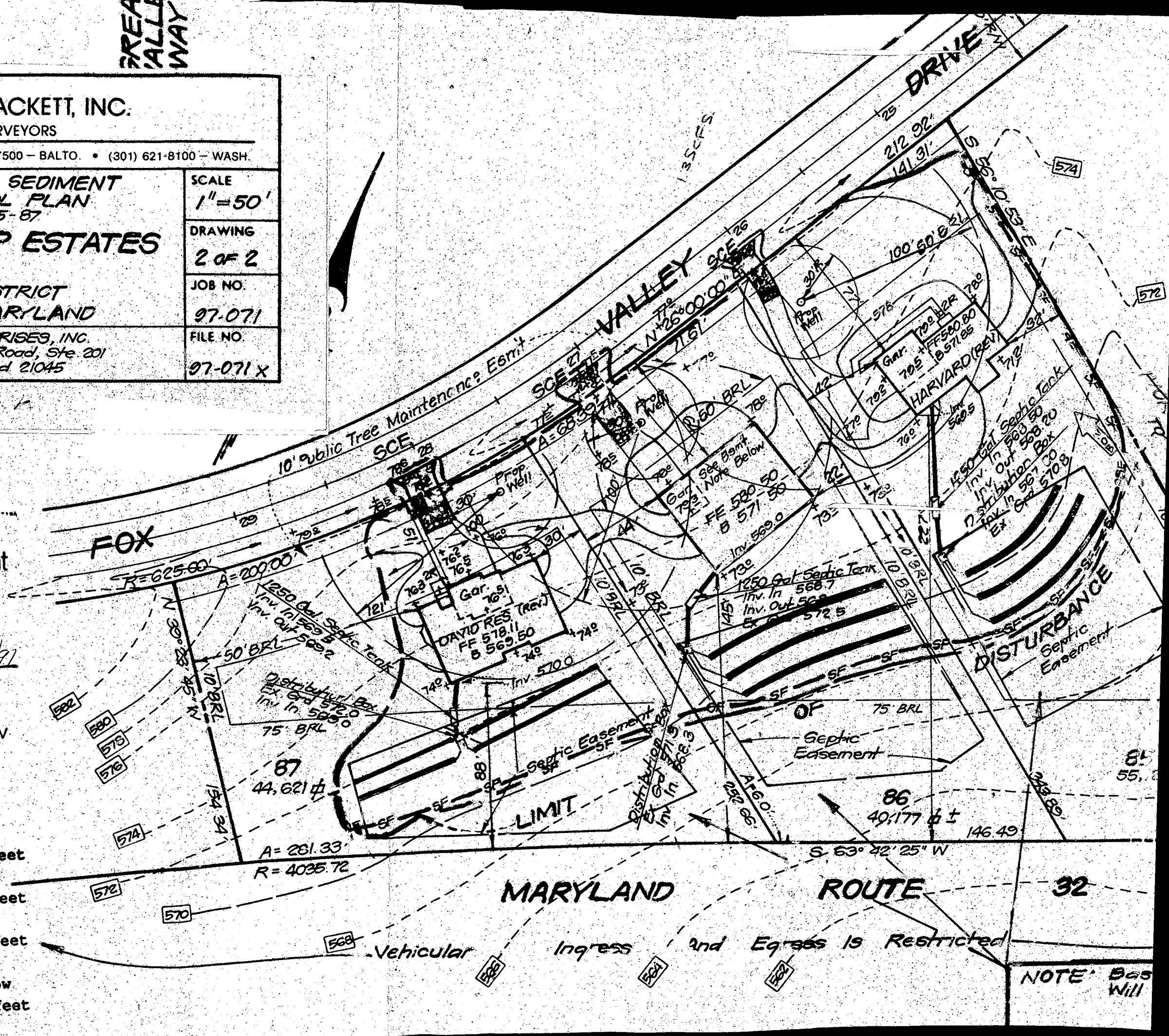
PRESERVATION  
PARCEL 'G'

Total linear feet of trench  
required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 5 feet

Depth of stone required below  
distribution pipe 2 feet



NOTE: Gas Will