

8/11/97
C.O. 110-12

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 58529

A 41822

DISTRICT 3rd

DATE 8/5/97

DATE SYSTEM APPROVED 8/11/97

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 313-2640

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

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

SUBDIVISION West Friendship Estates LOT 85 ROAD 3163 Fox Valley Drive

PROPERTY OWNER Altieri Homes

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 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin trenches 175 feet up the right (343.89') lot line and 15 feet off that same lot line as seen when facing the lot from Fox Valley Drive. Run trenches on contour toward the left 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. OK 5/29/97 DKS

PLANS APPROVED BY Amy McMillen DATE 05/21/97

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

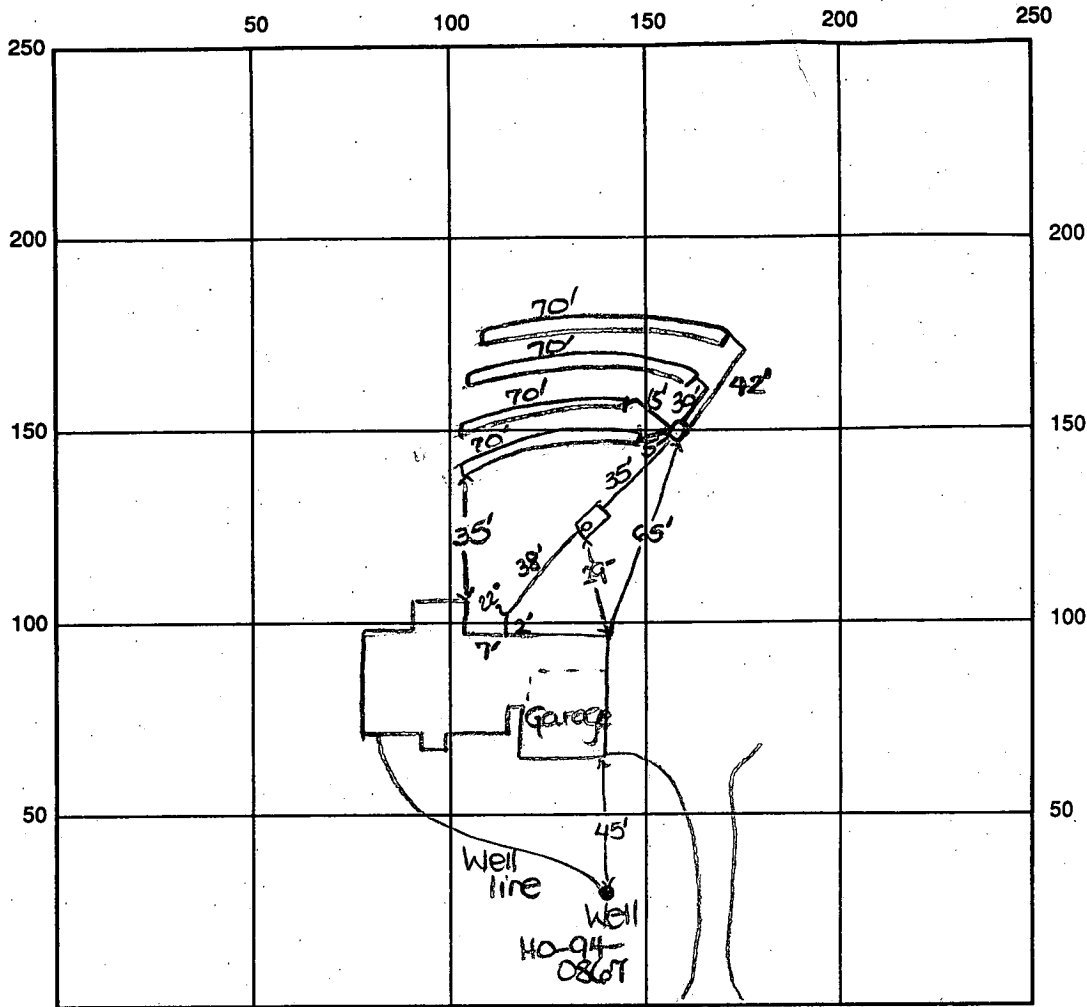
PERMIT VOID AFTER TWO YEARS

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
41822



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Fox Valley Drive

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 4x70 FT. → 280'

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 8/11/97 A.M. OK to continue work. DKS

8/11/97 P.M. FINAL INSP - OK to cover all work. DKS

DATE SYSTEM APPROVED 8/11/97 INSPECTOR Donna * Geo

APPLICATION

41822

A 38250

PERCOLATION TESTING

P _____

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

DISTRICT 3

DATE _____

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 Clabett + Anis Pfefferkorn

ADDRESS 14000 CASTLE BLVD. Silver Springs PHONE 1-890-6077
md. 20904

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION SELBY PROPERTY LOT NO. 3-29

ROAD AND DESCRIPTION Pfefferkorn Rd. + RE 32

TAX MAP 22 PARCEL # 8

SIZE OF LOT 44,377 AC. 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 _____

REJECTED BY _____ FOR _____ DATE _____

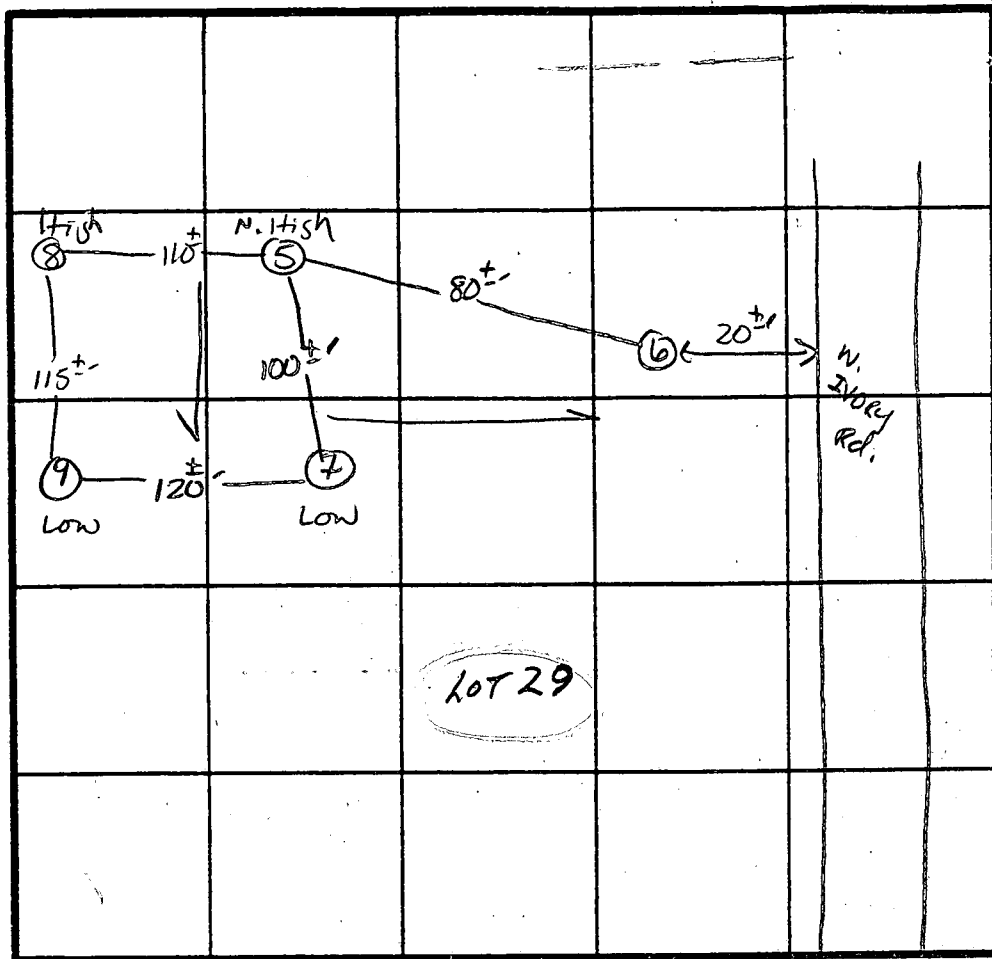
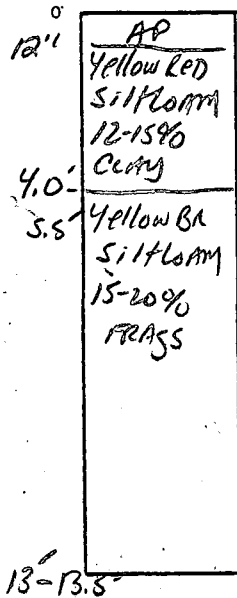
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

A 38250

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RE 32

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/30/87	5	4.5'	2:42	2:44	2:44	2:48	4min
		13'	UNIFORM SOIL below 4.0'				
	6	CLAY TO 8'	+ HARD				
	7	4.5'	2:50	2:53	2:53	2:58	5min
		13.5'	UNIFORM SOIL below 4.0'				
	8	5'	3:02	3:10	3:10	3:25	15min
		9.5'	3:03	3:07	3:07	3:18	
	8	14 FE	UNIFORM SOIL below 4.5'				
	9	6.0'	2:59	3:13	3:13	3:40	27min
		13'	UNIFORM SOIL below 5.5'				

REMARKS _____

TYPE OF SOIL _____

TESTED BY Sid ALR ALSO PRESENT J. Fyock & Co.

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 38250

P _____

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

DISTRICT 3

DATE DEC. 15, 1986

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 / AVIS PFEFFERKORN

ADDRESS 14000 CASTLE BLVD SILVER SPRING, MD. 20904 PHONE (301) 890-6077

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION SELBY PROPERTY LOT NO. 3-29

ROAD AND DESCRIPTION PFEFFERKORN RD. / RTE 32 / IVORY RD.

TAX MAP 22 PARCEL # 8

SIZE OF LOT 53.933 ACRES 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.

Priscilla S. Clagett; Avis S. Pfefferkorn
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

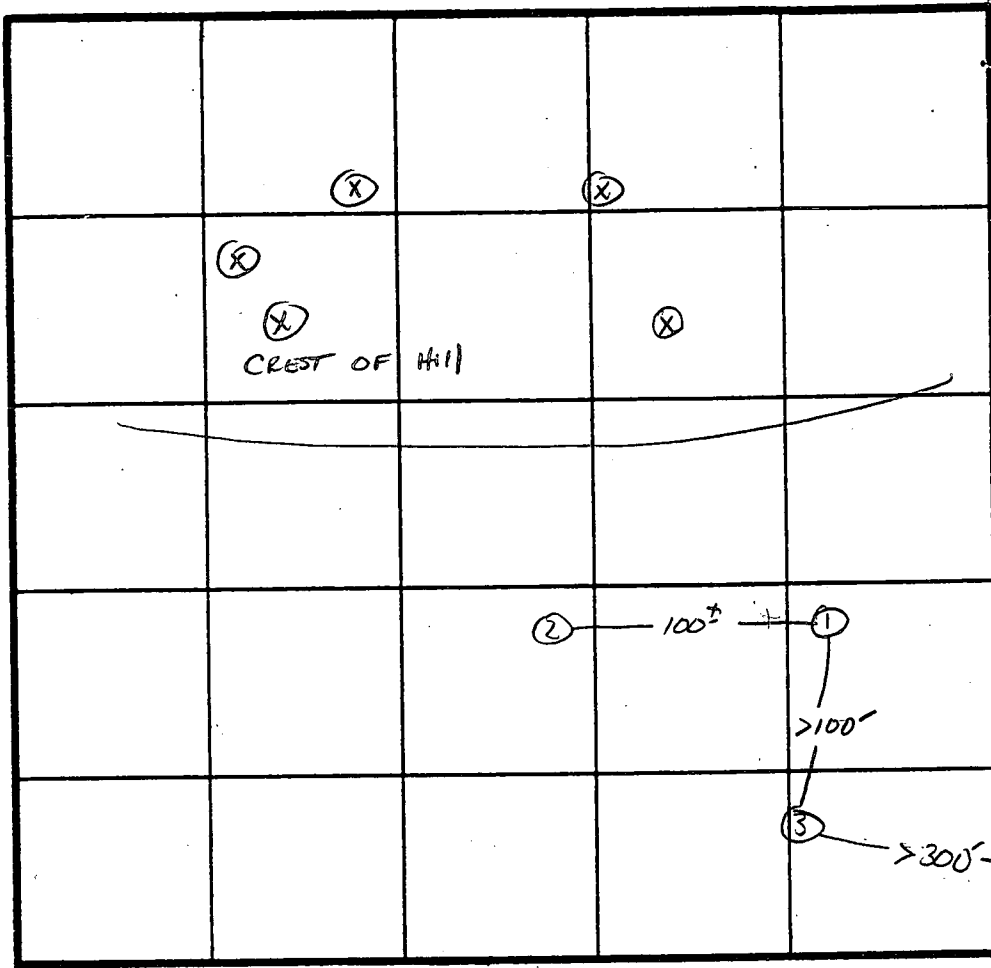
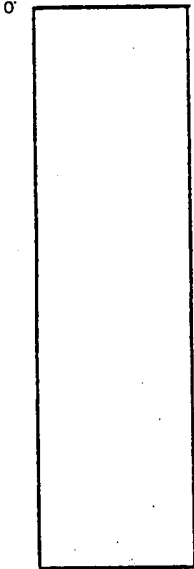
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-30-87 PERC SATISFACTORY; HOLD FOR HOLD CERTIFICATION + House + well size. S. Ave

THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TO ↓ RE 32



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/30/87	X =	NUMEROUS HOLES W/ CLAY + ROCK VARYING 6'-8'						
	1+2	CLAY 10' FE in #1	+ 8' in #2					
	3	CLAY TO 7 FE						
	4	CLAY + ROCK TO 5'						
	5	SEE NEXT SHEET						

REMARKS _____

TYPE OF SOIL _____

TESTED BY Sid Abel ALSO PRESENT J. Fyock & Co.

B-1 3032

SEQUENCE NO. (DP USE ONLY)

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

STATE PERMIT NUMBER H0-94-0867

(THIS NUMBER IS TO BE PUNCHED IN CO'S. 3-6 ON ALL CARDS)

fill in this form completely

OWNER INFORMATION Date Received (APA) 053196 ZAWO DESIGN DEVELOPER INC 10805 AICKORY RIDGE RD COLUMBIA MD 21044

LOCATION OF WELL HOWARD COUNTY WEST FRIENDSHIP EST. SECTION 2 LOT 85 WEST FRIENDSHIP MILES FROM TOWN 2 MI

DRILLER INFORMATION GARY W SHARP HARLEY DRILLING & PUMP SYSTEMS 160 WALKERSVILLE RD WOODBRIDGE VA

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD MD 32 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 500 FT ENTER FT OR MI 500

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 3 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 800

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD CO. A 38250 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 07/696 A.M. Mullen 7/16/97 CO SIGNATURE EXP. DATE NORTH GRID 528000 EAST GRID 0804000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT other

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 8004 52018

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

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION CASING ~ 1 1/2" A.C. LOT # 86

Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER FORCE AM PERMIT No. H0-94-0867

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

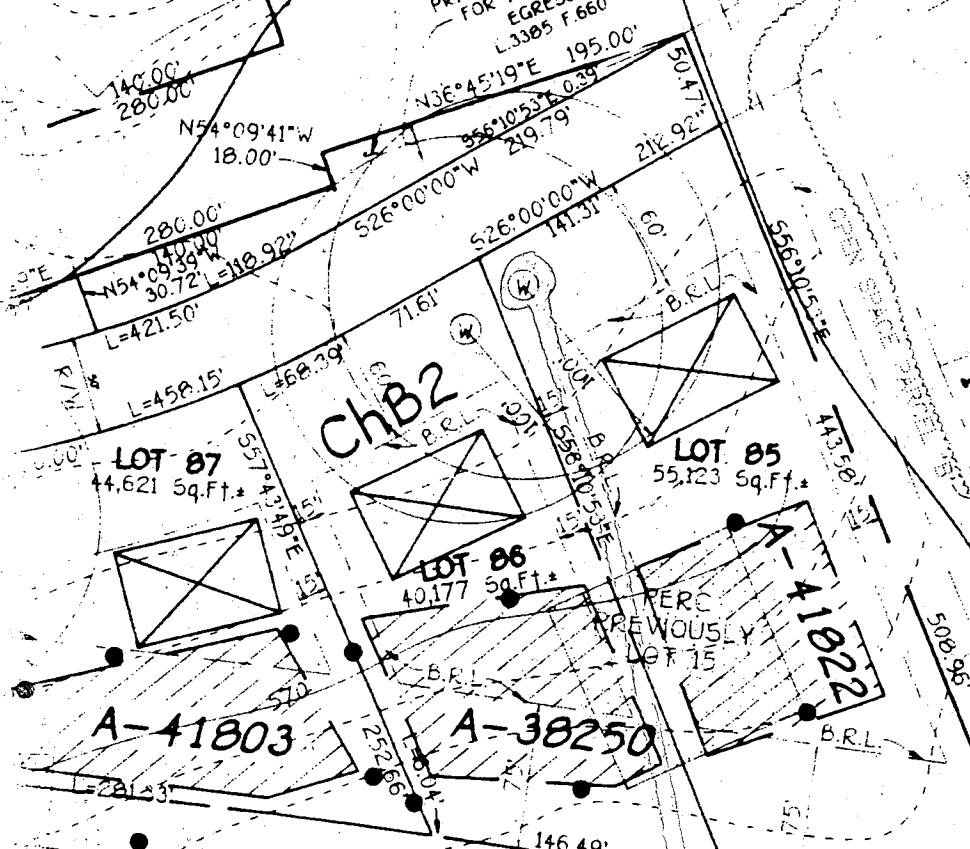
REDABLE
0.656 AC.
VEYED TO
ING PARCEL
BY JEFFREY
YNDIA WELLEN
RECORDATION
THIS PLAT

NON-BUI DATA CON
(0.174 AC.)
ADJOINING PARCEL OWNED
JEFFREY AND LYNDA WELLEN
UPON RECORDATION OF THIS PLAT

PRIVATE 20' EASEMENT
FOR INGRESS &
EGRESS
L.3385 F.660

C9B2

WEST FRIENDSHIP ESTATES
SECTION 2
PLAT NO. 11483

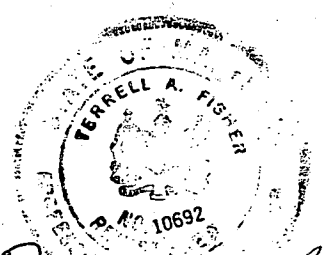


IVORY ROAD WEST
(CLOSED BY COUNCIL BILL No.)

EKC2

C9C2

7/16/06
Well site OK
as staked
All



Terrell A. Fisher

PERCOLATION TEST CERTIFICATION PLAN
TOPOGRAPHIC AND SOILS MAP
WEST FRIENDSHIP ESTATES
SECTION 2
LOTS 57 thru 100

8/11/97

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer Ecosystems/Carroll Water systems

Telephone (410) 876-5100

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner Athier Homes Telephone _____
Subdivision WF Estates Lot # 85 Well Tag # HO-94-0867
Site Address 3163 Fox Valley Drive

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible _____
- 2. Make _____
- 3. Model # _____
- 4. Capacity _____ GPM

Motor

- 1. Horsepower _____
- 2. RPM _____
- 3. Voltage _____
 - a. 110 _____
 - b. 220 _____

Pitless Adapter

- 1. Make _____
- 2. Model # _____
- 3. Depth _____

- 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 _____

Tank

- 1. Capacity _____
- 2. Pressure relief valve? _____

Piping

- 1. Type _____
- 2. Size _____
- 3. NSF and/or BOCA Code approved _____
- 4. Depth of supply line _____

Well data

- 1. Depth _____ ft.
- 2. Yield _____ GPM
- 3. Static water level _____ ft.
- 4. Will water supply be disinfected by installer? _____

8/11/97

well line, P.A. 3.5' b.g.
well casing 2'4" a.g.
2 pc cap installed.
well casing extended (NOT by this installer)
OK to cover. (DKS)

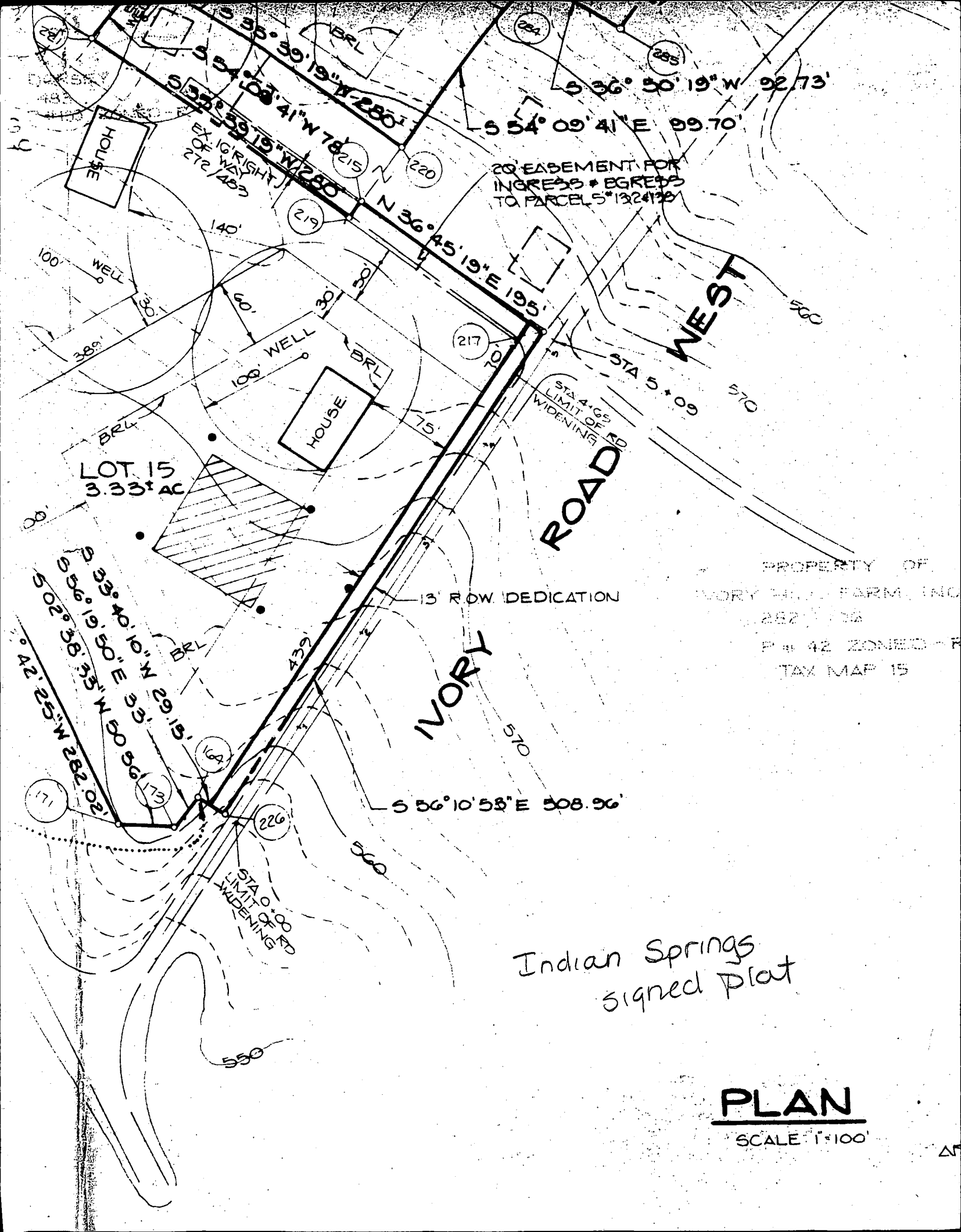
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: _____

Date: _____

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



20' EASEMENT FOR INGRESS & EGRESS TO PARCELS 5*132#125'

WEST

ROAD

IVORY

PROPERTY OF
 IVORY HILL FARM, INC.
 282 1/2 125
 P. 42 ZONED - R
 TAX MAP 15

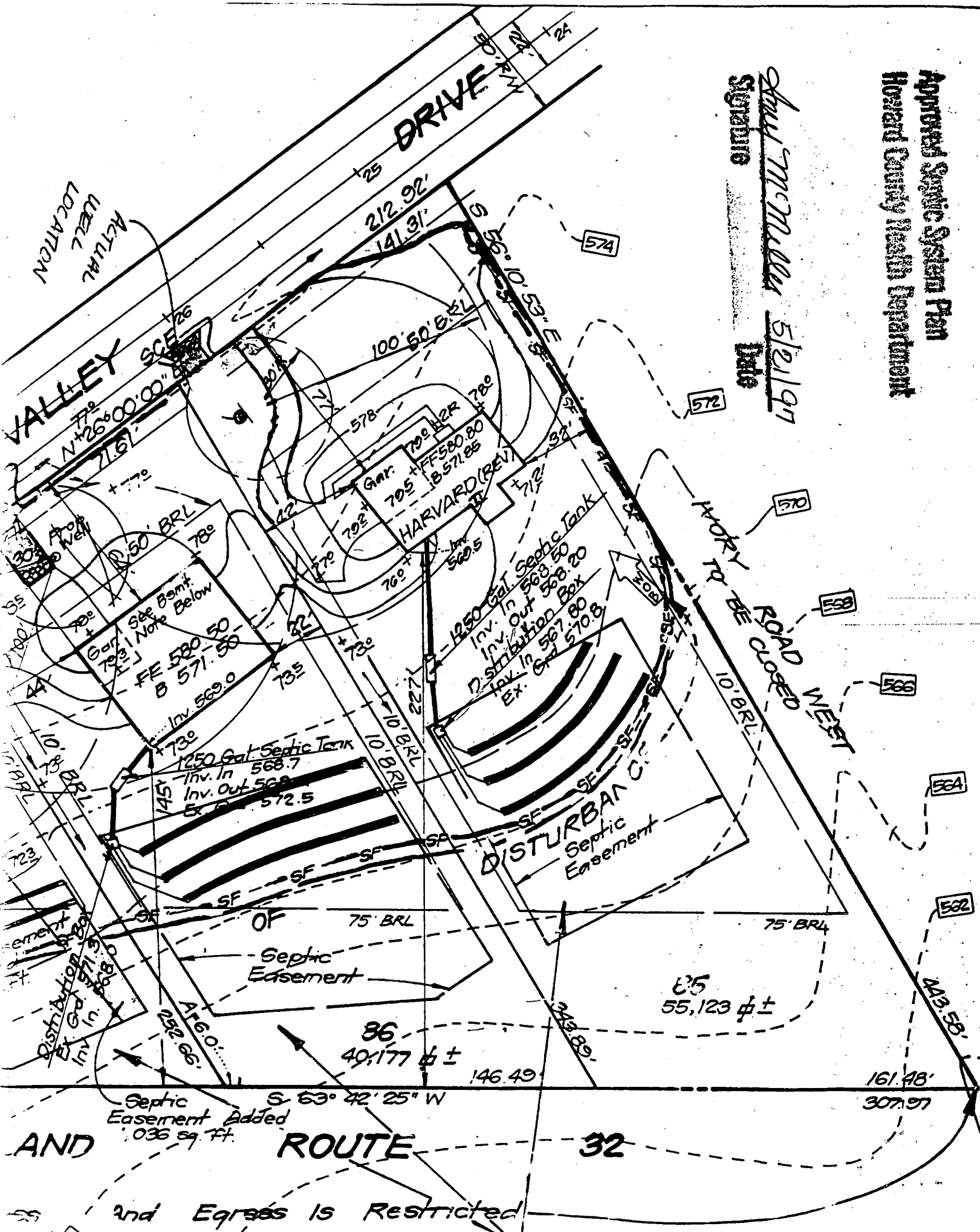
Indian Springs
 signed plat

PLAN

SCALE 1"=100'

Approved Septic System Plan
Howard County Health Department

Signature Shel McMiller Date 5/21/97



AND

ROUTE

32

Septic Easement Added
036 59 77

and Egress is Restricted