

8/12/86  
ASAP

04-311678

8/12/86  
system OK'd  
(18)

# PERMIT

P 3736P  
A 28876

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

INDEXED

ELLICOTT CITY

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
X922330  
461-9933

DISTRICT 4th

DATE 7/18/86

{ I. C. O. P. issued only }  
Time expired

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS \_\_\_\_\_ PHONE 988-9270

SUBDIVISION Countryside ROAD 3506 Countryside Dr. LOT 27

PROPERTY OWNER Harry A. Garonzik

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 240 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 4 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet from the front lot line and 125 feet from the right lot line as seen when facing the property from Countryside Drive. Run trenches along contour - a maximum of 65 feet each side of the box. (7' - 8' between trenches)

NOTE - No trench to exceed 100 feet in length. If more than onetrench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

PLANS APPROVED BY C. Williams DATE 11/01/85

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

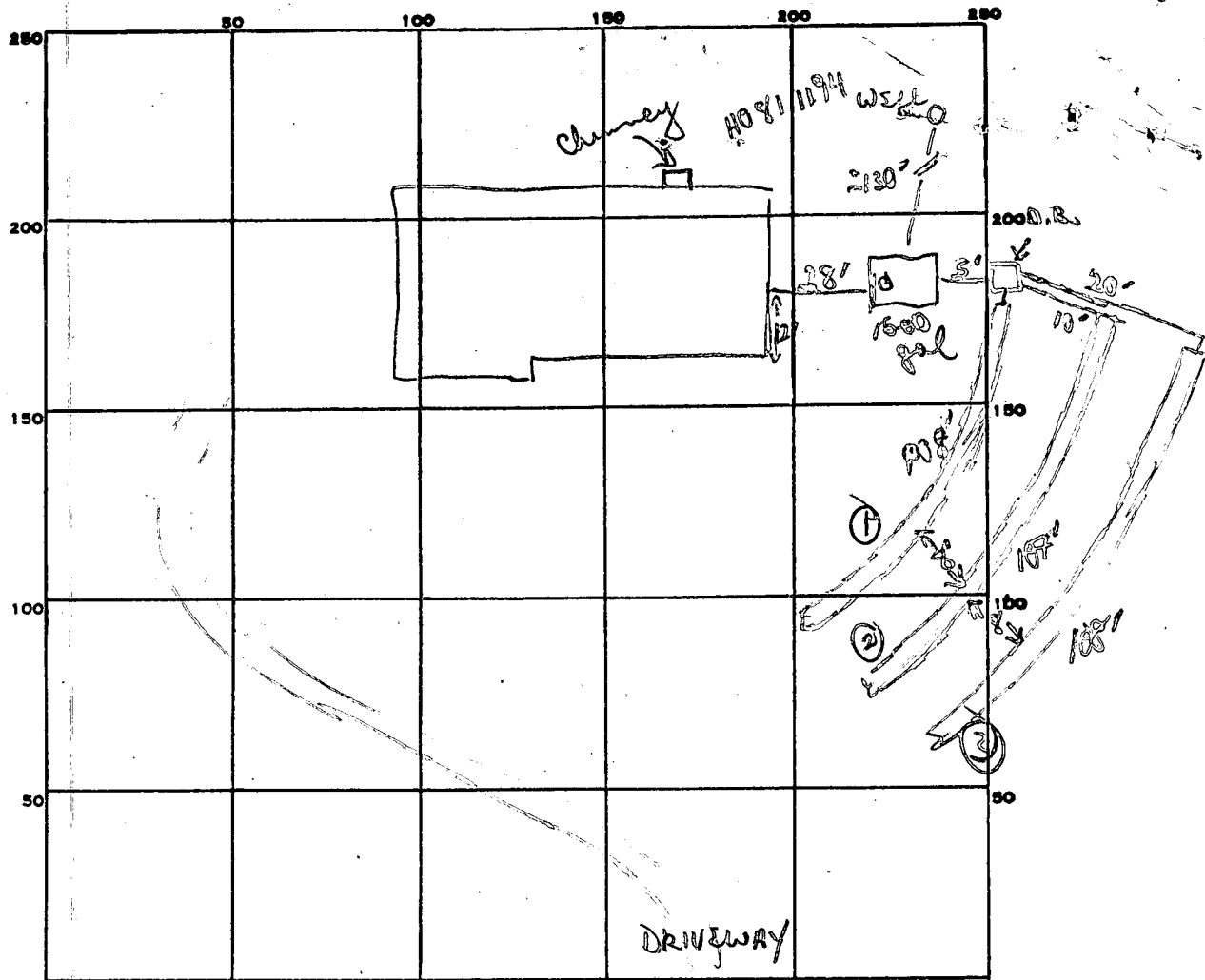
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 28876



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

COUNTRYSIDE DR

240  
960

PERMIT CARD

SEPTIC TANK, LEVEL 1500 gal

CLEANOUTS 1, S, T

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 7' + 7' + 7' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 3' + 3' + 3' FT. TOTAL LENGTH 108' + 107' + 107' FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 324 + 321 + 324

108  
3  
324  
3  
972

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 969 SQ. FT.

REMARKS 8/12/86 OK to finish covering trenches 1 + 2. OK to start trench #3 + add stone pipe paper to trench + cover. OK to cover from house to tank + tank to trenches.

DATE SYSTEM APPROVED 8/12/86

INSPECTOR B Nifon

SUBDIVISION: COUNTRYSIDE

LOT NUMBER: 27

(COUNTRYSIDE/GARONZIK)

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

240 sq. ft./bedroom

Trench to be 2 wide.

Inlet 4 feet below original grade.

Bottom maximum depth 7 feet below original grade.

Effective area begins at 4 feet below original grade.

3 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 125' FROM THE FRONT  
LOT LINE AND 125' FROM THE RIGHT LOT LINE AS SEEN WHEN FACING  
THE PROPERTY FROM COUNTRYSIDE DR. RUN TRENCHES ALONG  
CONTOUR A MAXIMUM OF 65' TO EACH SIDE OF THE BOX.

7'-8' between trenches      11/1/85 CWaltham      BP 69408

# APPLICATION

~~10/24/85~~ ~~10/24/85~~  
9:30  
10/24/85  
RE-TEST  
TO ALLOW ADJUSTED  
WELL SITE.

A 28876

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT \_\_\_\_\_

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 HARRY A. GARONZIK / HOWARD

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

PROPERTY LOCATION:

SUBDIVISION COUNTRYSIDE LOT NO. 27

ROAD AND DESCRIPTION

# 3506 COUNTRYSIDE LANE DR.

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(NUMBER OF BEDROOMS)

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 C. Waller FOR TRENCHES DATE 11/1/85

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

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

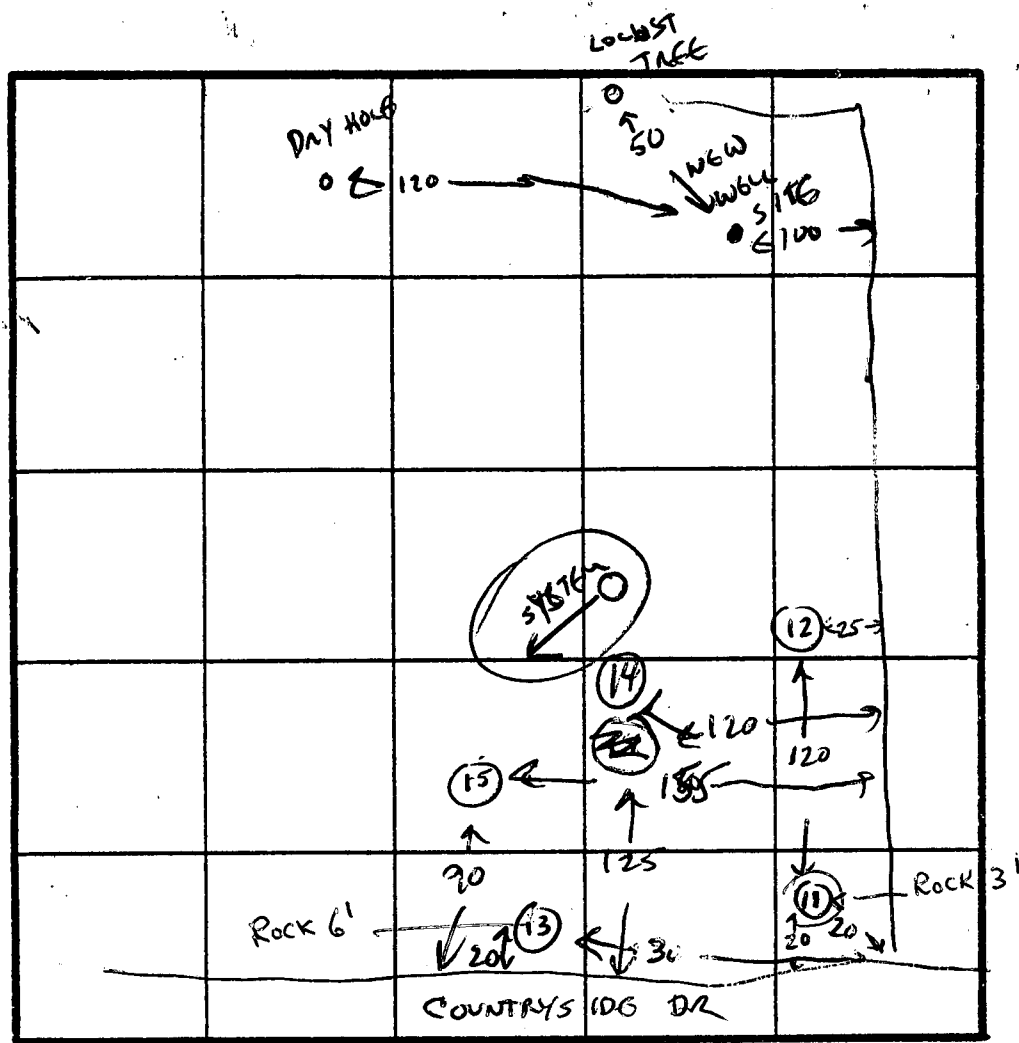
REASONS FOR REJECTION OR HOLDING RETEST TO ALLOW ADJUSTED WELL SITE, C.W.

B.P. # 69408 off. 40 Bl.

# THIS IS NOT A PERMIT

11 0 CLAY  
3  
5

SOIL PROFILE  
0  
4  
ORANGE CLAY-SAND LOAM  
ORANGE + BROWN SANDY CLAY LOAM  
20% ROCK AT 6'  
INCREASING TO 50% SAND ROCK AT 11'  
ALL ROCK AT 13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/24/85	11	BEDROCK AT 3'					X
	12	4 9	10:40	10:52	10:52	11:09	17 MIN
		13					
	13	RED ROCK AT 6';					X
	14	4 10					
		BEDROCK AT 9'					APPROX 20 MIN TIME IF TESTED AT 5'
	15	CLAY CHANGING TO SAND LOAM					
		VERY SANDY BELOW 6'					
		INCREASING ROCK FRAGMENTS					FROM 6'
		TO BEDROCK AT					

REMARKS HOLES 15+14 BETTER THAN

TYPE OF SOIL CLAY LOAM CHANGING TO SAND LOAM BEDROCK AT 9' OR LESS

TESTED BY C. Williams ALSO PRESENT RICK (OF BUD ANNOLD)

B 1 8626

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-1194

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

owner Howard 647 619 please print or type

fill in this form completely

OWNER INFORMATION: Date Received 9/2-7835, Last Name GARDONZIK, Owner HARRY, Street or RFD LAKE VERM, Town COLUMBIA, State MD, Zip 21044

LOCATION OF WELL: COUNTY HOWARD, SUBDIVISION Countryside, SECTION 27, LOT 27, NEAREST TOWN GLENWOOD, MILES FROM TOWN 7.6 MI

DRILLER INFORMATION: Driller's Name Joseph L. Wagner, License No. 238, Firm Name Wagner Well Drilling, Address 5517 Ridge Rd. Mt. Airy, Md. 21111, Date 9/10/85

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) S, NEAR WHAT ROAD Countryside Drive, ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) S, DISTANCE FROM ROAD 440 FT

WELL INFORMATION: APPROX. PUMPING RATE (GAL. PER MIN.) 5, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: COUNTY NAME HOWARD, COUNTY NO. A-28876, OEP SIGNATURE C. Williams, DATE ISSUED 04/03/86, CO SIGNATURE, EXP. DATE

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)

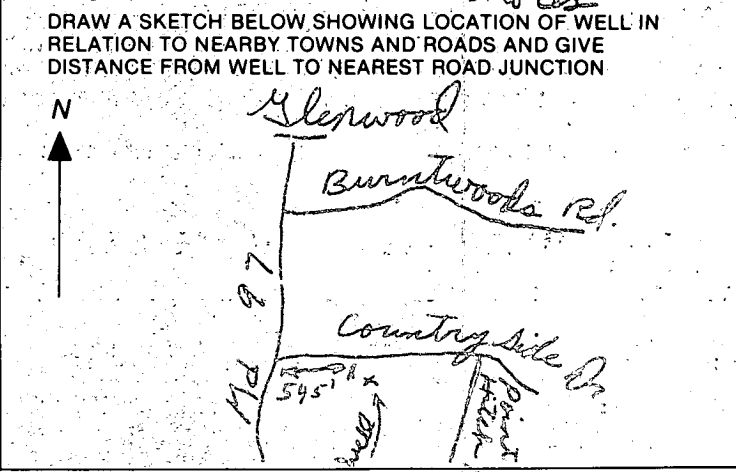
APPROXIMATE DEPTH OF WELL 300 FEET

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER 1. WELL, WRITE THE BOX NUMBER FROM THE MAP HERE 790, 520

APPROXIMATE DIAMETER OF WELL 6 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

REPLACEMENT OR DEEPEINED 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, THIS WELL WILL DEEPEIN AN EXISTING WELL, PERMIT NUMBER OF WELL TO BE REPLACED OR-DEEPEINED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY): APPROX. PERMIT NUMBER, FORCE, WRITE INITIALS IN BOX, PERMIT No. HO-81-1194

SPECIAL CONDITIONS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL DRILLER:

My well driller is not to install the pump for my water well, and I hereby certify that it will be my responsibility to have a Pump Permit taken out by a registered master plumber or certified pump installer. It will be my responsibility to notify the Health Department before and during the installation so that inspections can be made by their representative. (Pursuant to Chapter XVII, of the Plumbing Code of Howard County.)

HARRY GARONZIK

(Name)

*Harry Garonzik*

10318 WILDE LAKE TERR.

(Address)

COLUMBIA, MD. 21044

H0-81-1194

(OEP Well Permit Number)

9/10/85

(Date)

301-992-7835

*Pre*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 28876

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 4th

DATE 9/15/78

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 Estate of Sylvan Manger

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

PROPERTY LOCATION:

SUBDIVISION Countryside S/D LOT NO. 27

ROAD AND DESCRIPTION Route 97

SIZE OF LOT 3 acres m/1 TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ Bernard Rome

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

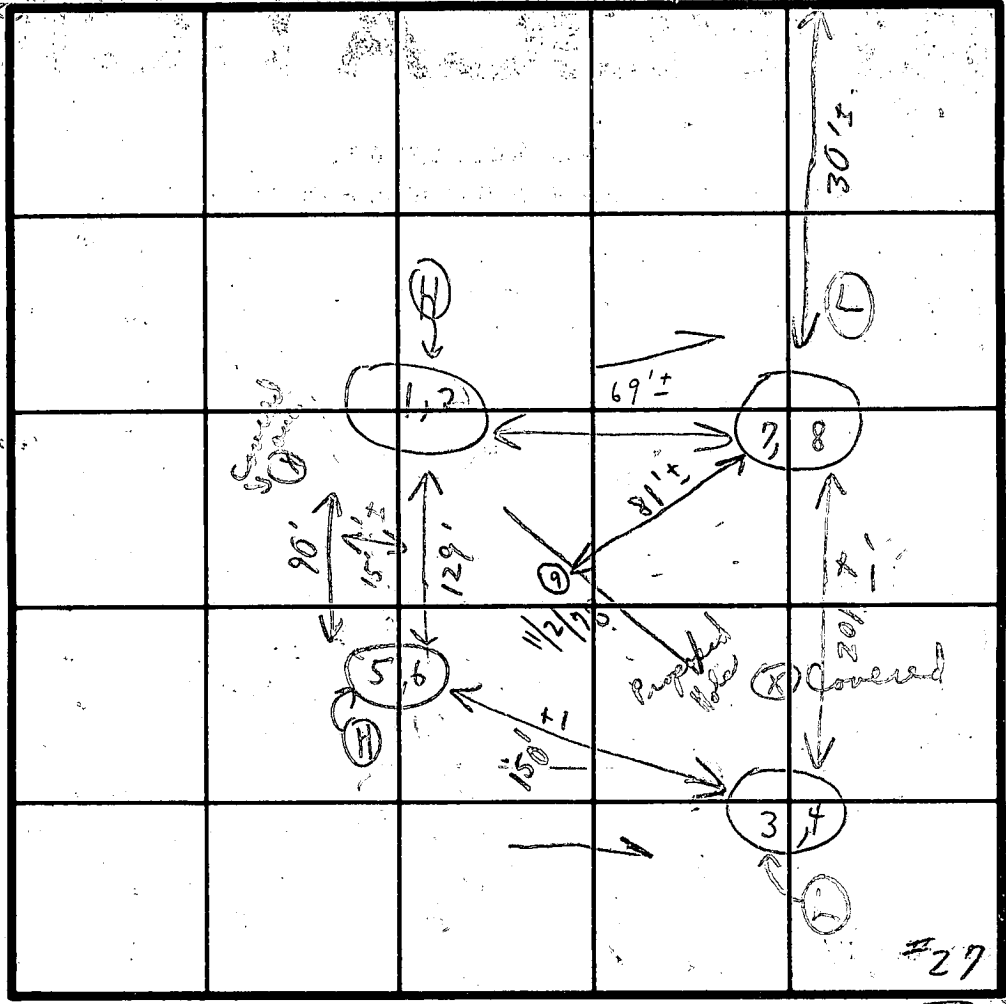
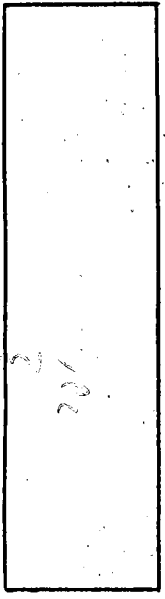
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

27

Century

SOIL PROFILE



Field sheet  
Tests per

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

R/W road

Soil Profile  
Below clay  
sandy  
loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/30/78	5	4'	2:53	2:55	2:55	2:57	2 min
	(H) 6	9'	2:54	2:56	2:56	2:58	2 min
	3	3'	2:46	2:48	2:48	2:50	2 min
	(L) 4	9'	2:47	2:49	2:49	2:52	3 min
	1	3 1/2'	3:01	3:03	3:03	3:11	8 min out
	(H) 2	8'	3:01	3:05	3:05	3:12	9 min
	(H) 7	3 1/2'	3:06	3:08	3:08	3:09	1 min
	8	8'	3:06	3:08	3:08	3:10	2 min
	11/2/78	(11' Visual in situ + dig)					

all holes dug & ready for use; sanitation arranged

REMARKS: Tests for shallow system; Tests in open field; (Holds for certified High grass)

TYPE OF SOIL: (Holds may need 1 hole in center of all these)

TESTED BY: C. B. S.

ALSO PRESENT: New # 28





**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 81-1194  
 Location of property (road) Countryside Dr.  
 Subdivision Countryside Lot 27 Block          Plat          Sec.           
 Well Driller Joseph Wayne Owner Harry Larozzi

Depth of well 305'  
 Distance of measuring point (M.P.) above ground 1'  
 Static water level (S.W.L.) below M.P. 49'

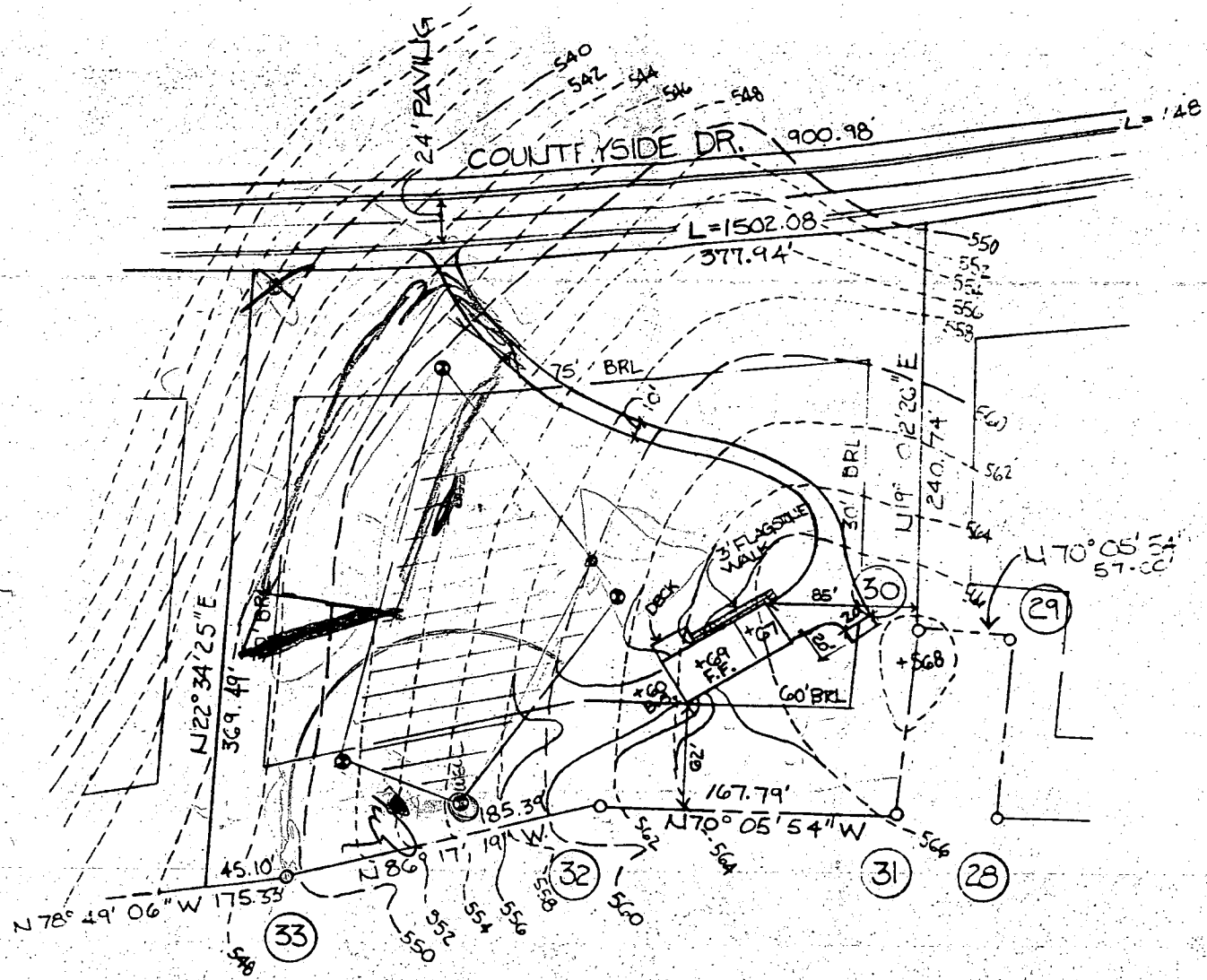
**I. High rate pumping -- reservoir drawdown**

Time pump started 8:00 Pumping rate 9  
 Total time 45 min. to reach pumping water level 265' ft. below M.P.

**II. Recovery pump test data - observations to be recorded every 15 minutes**

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	134'	6 sec.		10
8:30	200	6		10
8:45	265	7		9
9:00	265	30		2
9:15	265	30		2
9:30	265	30		2
9:45	265	30		2
10:00	265	30		2
10:15	265	30		2
10:30	265	30		2
10:45	265	30		2
11:00	265	30		2
11:15	265	30		2
11:30	265	30		2
11:45	265	30		2
12:00	265	30		2
12:15	265	30		2
12:30	265	30		2
12:45	265	30		2
1:00	265	30		2
1:15	265	30		2
1:30	265	30		2
1:45	265	30		2
2:00	265	30		2
2:15	265	30		2
2:30	265	30		2

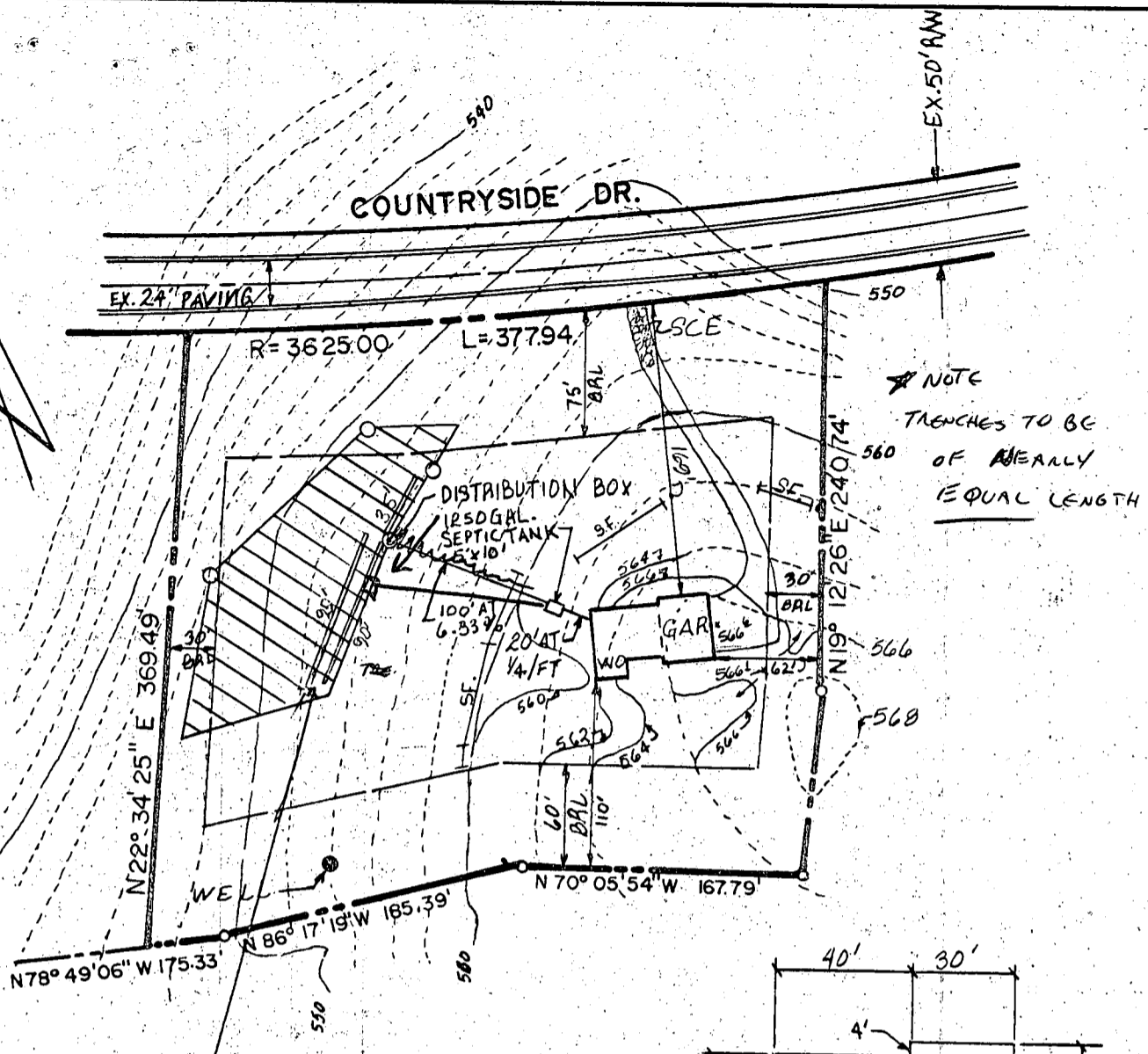




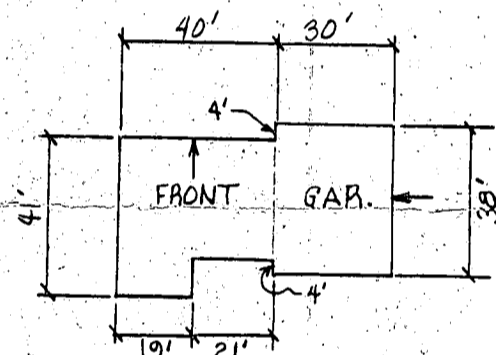
# SITE PLAN

1" = 100' - 0"

- 1) ZONING - R
- 2) NO OF PROPOSED LOTS - 27
- 3) TABULATION - LOTS - 100 893 AC



PROVIDE 320 L.F. OF TRENCH, 2' WIDE 7' DEEP FILLED WITH 3' OF STONE. MAINTAIN 7'-8" BETWEEN TRENCHES



- HOUSE
  - 1ST. FL. = 568.0 ✓
  - BSMT. FL. = 560.1 ✓
  - INV. OUT = 557.0 ✓
- SEPTIC TANK
  - EX. GR. = 561.0 ✓
  - FIN. GR. = 561.0 ✓
  - INV. IN = 550.67 ✓
  - INV. OUT = 550.42 ✓
- DISTRIBUTION BOX
  - EX. GR. = 554.0 ✓
  - FIN. GR. = 554.0 ✓
  - INV. IN = 550.0 ✓
- WELL
  - EX. GR. = 554.0
  - FIN. GR. = 554.0

- NOTES:
1. TOPO WAS PROVIDED BY THE BUILDER.
  2. CONTRACTOR TO SET GRADE ST IN FIELD.
  3. HOUSE TO HAVE 4 BEDROOMS.
  4. EX. ZONING: R
  5. TAX MAP: 21

B.P. # 69408

PLAT REFERENCE: COUNTRYSIDE RECORDED IN PLAT NO. 4781 well k/B.N.

TITLE: <b>GRADING STUDY</b>				
PROJECT: <b>COUNTRYSIDE ESTATES</b>				
LOCATION: 4 <sup>th</sup> ELECTION DISTRICT HOWARD CO., MD.				
SCALE: 1"=100'	DESIGNED BY: W.N.	DRAWN BY: W.G.W.	CHECKED BY:	DATE: MARCH 86
FIELD BOOK:	PAGE NO.:	JOB NO.:	DRAWING NO.:	

**boender associates**  
inc.  
consulting engineers  
land surveyors  
land planners

COURTHOUSE SQUARE  
3565 ELLICOTT MILLS DRIVE  
ELLICOTT CITY, MD. 21043  
(301) 465-7777

8/18/86 - AM

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Court House Square  
Ellicott City, Md. 21043  
461-9933

New Installation   
Replacement

Receipt # 37536  
Date 8-15-86

Name of Installer ALBERT FEIDLER

Telephone 196-0717

License number 2177

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner HARRY GALONZIK Telephone 549-2568

Subdivision COUNTY EST. Lot # 27 Well tag #           

Site Address 3506 COUNTY SIDE DR.  
GLEN WOOD MD

HO 1194

Pump

- 1. Type
  - a. Deep well jet
  - b. Shallow well jet
  - c. Submersible

Motor

- 1. Horsepower 1/2
- 2. RPM 3450
- 3. Voltage
  - a. 110
  - b. 220

Pitless Adapter

- 1. Make MARTINSON
- 2. Model # B10 X
- 3. Depth 42"

- 2. Make RED JACKET
- 3. Model # SDCHW1-C149BC
- 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

110  
1194

Tank

- 1. Capacity 42
- 2. Pressure relief valve? YES

Piping

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

Well data

- 1. Depth 220ft.
- 2. Yield 14 GPM
- 3. Static water level 26ft.
- 4. Will water supply be disinfected by installer? NO

By BLIDEC

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: Albert Feidler

Date: 8-14-86

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

8/19/86 - Everything OK COVER ALL WORK STICKER LEFT