

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
992-2330

INDEX

P 32363  
A 20466

ELLICOTT CITY  
DISTRICT 4th.

DATE 12/09/82

04-341651

Paul Schissler IS PERMITTED TO INSTALL  ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. PHONE 795-2642

SUBDIVISION Countryside ROAD 3510 Countryside Drive LOT 26

PROPERTY OWNER David Lane PHONE: 997-1198

ADDRESS 8865-H Pool Right Court  
Columbia, Maryland 21045

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

Trenches to be 2' wide. Inlet to be 3' below original grade and effective absorbant area 3' - 10' only. Maximum depth of trenches to be 10' below original grade. A minimum of 158 sq. ft. effective absorbant sidewall area per bedroom needed. Trenches can not exceed 100' in length. Distribution box to be used if more than 1 trench used. Two inspections of trenches required - before and after stone installed. If more than 1 trench used - need to have 15 ft. distance between trenches, center to center. Run trenches on contour and/or on level ground as much as possible.. LOCATION: Start trenches at a point 120 ft. from the front lot line and 235 ft. from the right side of the lot as seen when facing the lot from Countryside Drive. Run the trench along level ground toward the left side of the lot as seen when facing the lot from Countryside Drive.

PLANS APPROVED BY Raymond Hodges DATE 7/30/82

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.

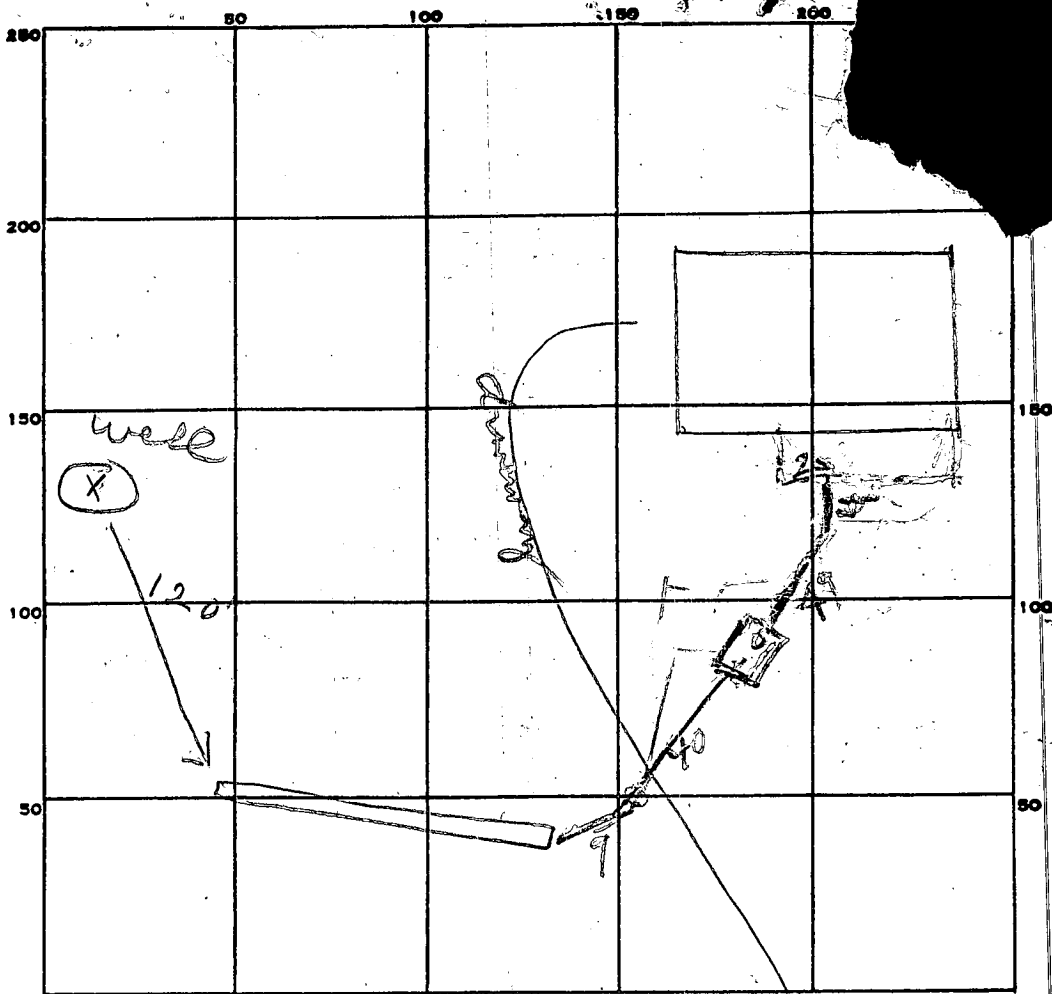
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED AND RETURNED 4/2/84  
Final # 58269  
Stable  
99768

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

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

158  
3  
474



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Country Side Dr.

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL 1000 BK TOP 2-3F-7806 CLEANOUTS ST / 01-

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 1/2 IN. TOTAL LENGTH 70 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA ONE SIDE 490 BELOW TOP 3FT

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

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 12/22/82 OIR to add stone in trench

12/23/82 1130 - NOT READY BUT WILL BE READY AROUND 1300

12/23/82 215PM 3 BR + 474 SQ FT NEEDED FOR 3 BR

SCHEDULE 40 PVC Pipe used

DATE SYSTEM APPROVED

12/23/82

INSPECTOR

Thomson

C1 3209

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND

WELL COMPLETION REPORT

FILE IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A28466

(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 36 ON ALL CARDS)

Date Received (OEP use only)

DATE WELL COMPLETED

7 7 12

Depth of Well

140

(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

H0-73-4211

OWNER Lane David W. last name first name

STREET OR RFD Countryside Drive TOWN Glenwood

SUBDIVISION Countryside SECTION LOT 26

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Brown Shale	2	17	
Ceray MIAE	17	29	
Brown MIAE	29	34	
Ceray MIAE	34	59	
Brown MIAE	59	62	
Blue MIAE	62	75	
Ceray MIAE	75	140	

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 5 NO. OF POUNDS 500 GALLONS OF WATER 25 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 21 ft. (enter 0 if from surface)

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

MAIN CASING TYPE Nominal diameter top(main)casing (nearest inch) Total depth of main casing (nearest foot) ST 6 34

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

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

DEPTH (nearest ft.) H0 22 140

- 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 10-17.13 "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. 40 DRILLERS SIGNATURE SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (seq no)

PUMPING TEST HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL (distance from land surface) BEFORE PUMPING 35 WHEN PUMPING 39 TYPE OF PUMP USED (for test)

- A air P piston T turbine
- C centrifugal R rotary O other (describe below)
- J jet S submersible

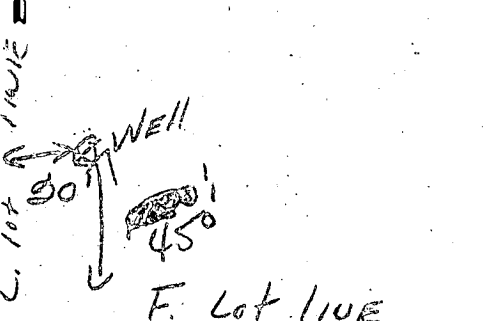
PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO Y N

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))

CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) above LAND SURFACE below (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)







PRELIMINARY

# APPLICATION

A 28466

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4th

DATE 7/11/78

BLDG. PERMIT SIGNED  
AND RETURNED 10/5/82  
*Serial # 57016*

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 A. Manger David / Amy Lane

ADDRESS Contract Purchaser - Rome/Diem 8805-H Rook Rightt Bernard Rome  
Columbia Md 21045 465-1869 H 997-1198  
P.O. Box 553 W 730-4311

PROPERTY LOCATION: Ellicott City, Md. 21043

SUBDIVISION Countryside S/D LOT NO. 26

ROAD AND DESCRIPTION Route 97 3510 Countryside Dr.

SIZE OF LOT 3 acres TYPE BLDG. 3 or 4 bedrooms  
NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Bernard Rome

APPROVED BY [Signature] FOR trenches DATE 7/30/82  
(KIND OF SYSTEM)

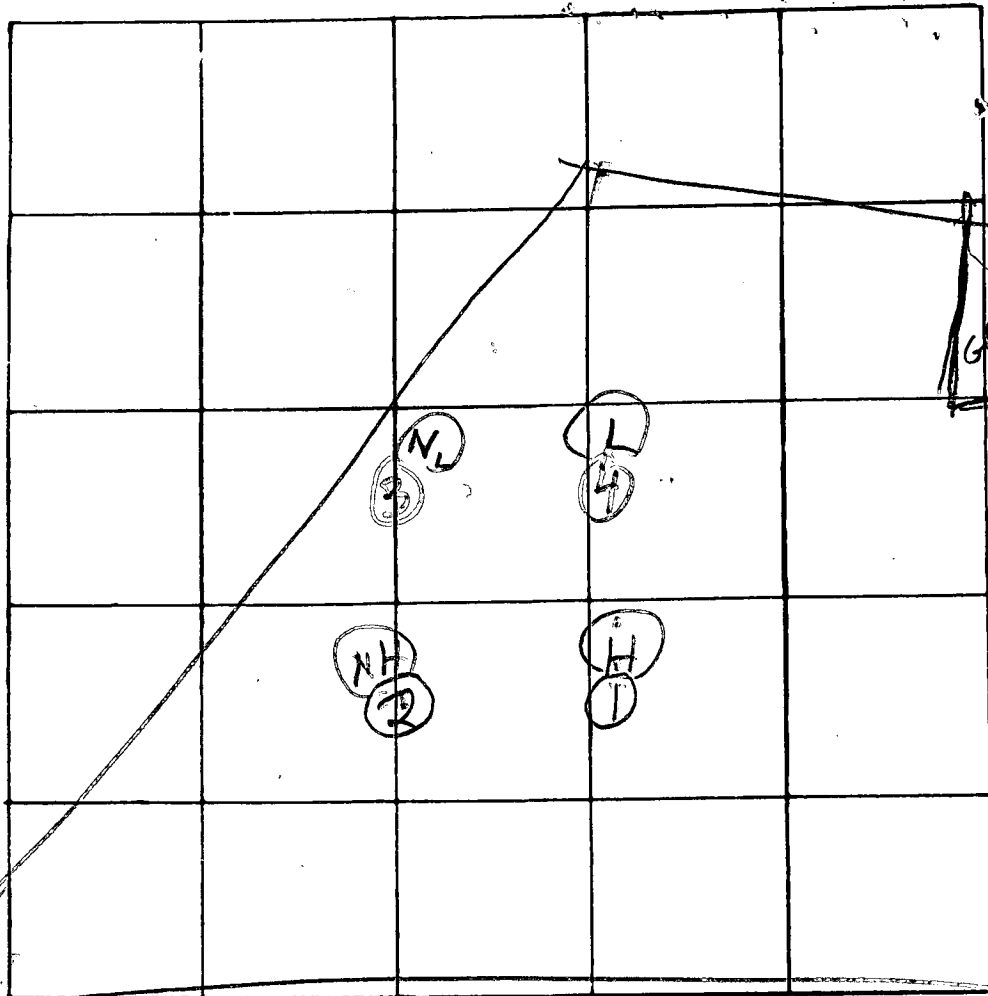
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING 9/7/78 Satisfactory & Hold for Resurvey  
7/30/82 Spec Written on other sheet  
that has been signed

# THIS IS NOT A PERMIT

lot #26



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/6/79	1D	13	318	322	322	327	5
	1S	3	319	324	324	330	6
	2V	13	TOP	4F	CLAY	11/17	
			BOT	9F	SAND		
9/7/79	3D	12	1013	1025	1025	1032	7
	3S	11 1/2	1010	1024	1024	1030	6
	4D	12	1021	1026	1026	1048	19
	4S	3 1/2	1021	1024	1024	1028	4
	4V	13	DRY	(BACK HOLE DUGS ONLY 13 FT DEEP)			

REMARKS

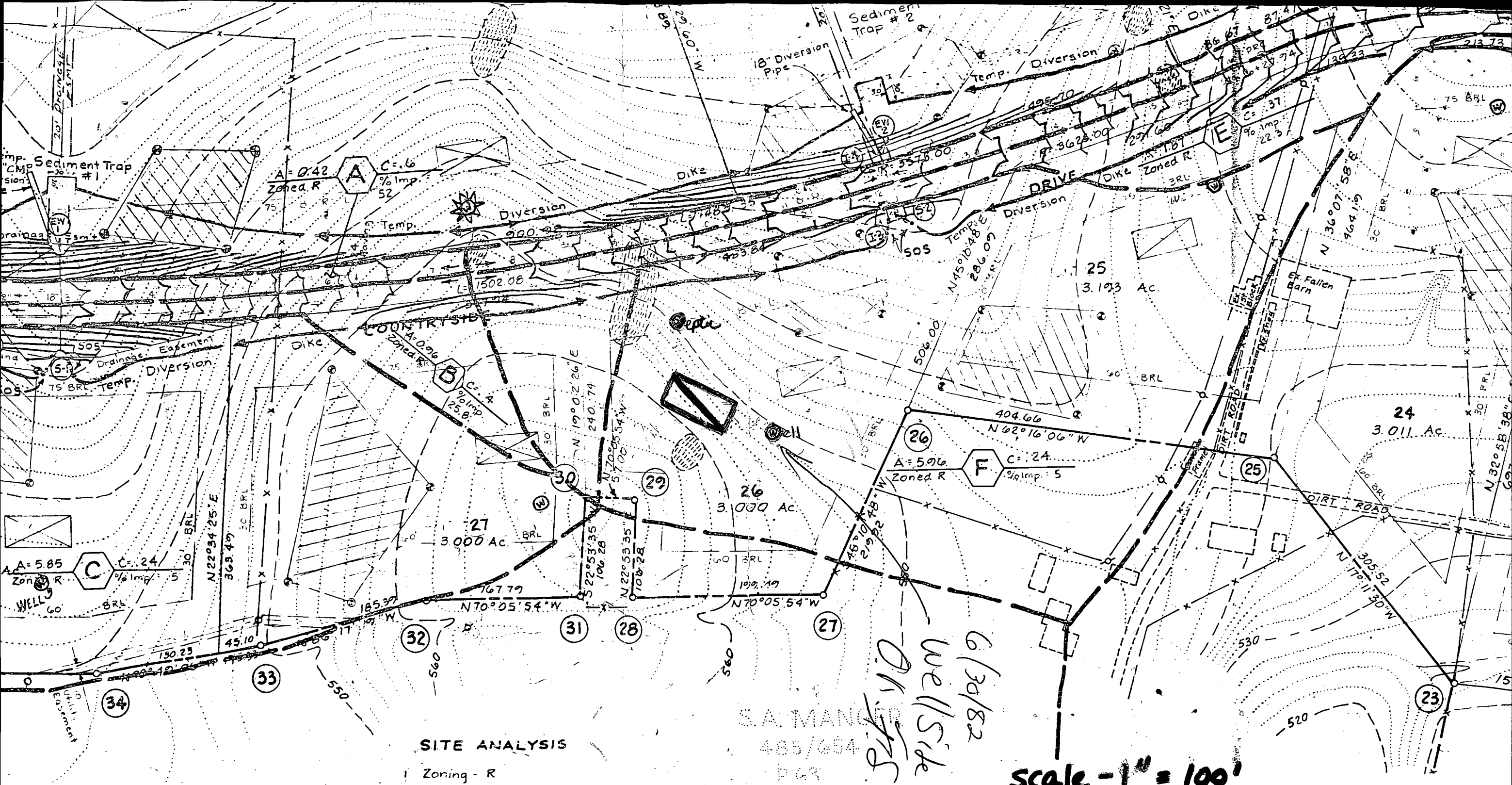
TYPE OF SOIL

TESTED BY

RH

ALSO PRESENT:

BRUCE OWEN  
GALLAGHER OWEN  
LINDRILE  
HUBBARD



A = 0.42  
Zoned R  
C = .6  
% Imp. = 52

B  
A = 0.96  
Zoned R  
C = .4  
% Imp. = 25.8

C  
A = 5.85  
Zoned R  
C = .24  
% Imp. = 5

F  
A = 5.96  
Zoned R  
C = .24  
% Imp. = 5

**SITE ANALYSIS**

1 Zoning - R

S.A. MANG...  
485/654  
P 63

6/30/82  
Well Site  
S

Scale - 1" = 100'

Dear Sirs:

Enclosed is a revised layout  
of our well to be drilled by  
Easterday.

Lot 26, Countryside Dr.

Mr. + Mrs. David W. Lane  
8865 H Roll Right Ct.  
Columbia, MD 21045

B 1 **7254** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

**Pump Test** STATE OF MARYLAND  
**8:00 AM** PERMIT TO DRILL WELL  
**3 hours** please print or type

OEP PERMIT NUMBER  
**H0-73-4211**  
 fill in this form completely

Date Received **7/7/82**  
 (OEP Use Only)  
**9:30 AM** 1st OWNER INFORMATION  
 Last Name **DAVID** Owner  
 Street or RFD **8865 - H ROLLERIGHT CT**  
 Town **COLUMBIA** State **MD** Zip **21045**

B 3 LOCATION OF WELL  
 COUNTY **HOWARD**  
 SUBDIVISION **COUNTRYSIDE ESTS**  
 SECTION **23** LOT **26**  
 NEAREST TOWN **GLENWOOD**  
 MILES FROM TOWN (enter 0 if in town) **1** M I

B T Continued DRILLER INFORMATION  
 Driller's Name **George F. Easterday** 77 License No. **40**  
 Firm Name **G.F. Easterday, Inc**  
 Address **9265 Benning Church Rd Mt. Airy, Md.**  
 Signature **George F. Easterday** Date **6/10/82**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
 NEAR WHAT ROAD **COUNTRYSIDE DRIVE**  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) **200** (E) (F) (M) (I)  
 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) **200** (F) (M) (I)

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. **24' casing**  
 2. **2' above gr.**  
 3. **2' - open**  
**5' - open cement well**  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
 E **790**  
 N **520**  
 Location OK  
 7/7/82 JS

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)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
  
 Filled (4) dry holes on lot  
 7/7/82 JS

APPROXIMATE DEPTH OF WELL **150** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

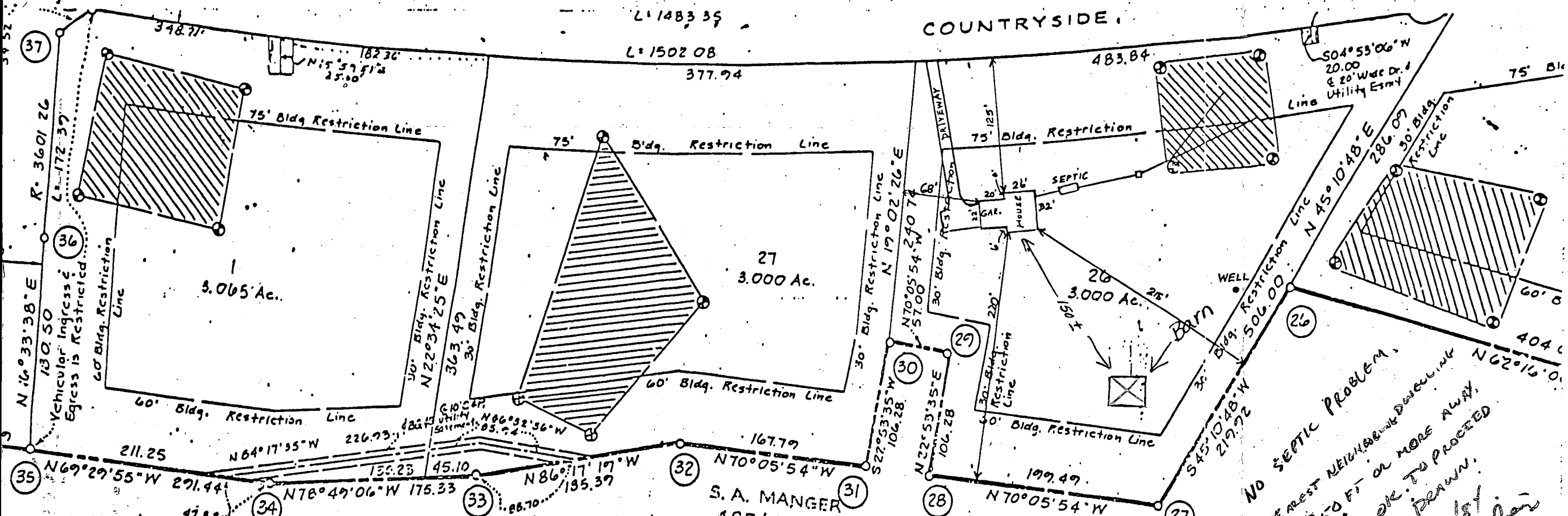
METHOD OF DRILLING (circle one)  
 BORED (OR AUGERED) JETTED JETTED & DRIVEN  
 AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY)  
 CABLE REVERSE ROTARY DRIVE POINT  
 other \_\_\_\_\_

REPLACEMENT OR 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  
 THIS WELL WILL DEEPEAN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
 County Name **Howard** COUNTY NO. **A28466**  
 OEP SIGNATURE \_\_\_\_\_ STATE HEALTH CIRCLE BOX **S** 41  
 DATE ISSUED **063082** Frank Skinner, Sanitarian  
 CO. SIGNATURE **Frank Skinner**  
 NORTH GRID **524** EAST GRID **0790** EXPIRES **123082**

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER **G A P**  
 FORCE **ES** WRITE INITIALS IN BOX  
 PERMIT No. **H0-73-4211**

B 5 SPECIAL CONDITIONS 6-63



**OWNER'S DEDICATION**

I, (We) Bernard M. Rome and James Diem, owner(s) of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this plat by the Office of Planning and Zoning establish the minimum building restriction lines, and grant unto Howard County, Md., its successors and assigns (1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street rights of way and the specific easement areas shown hereon, (2) the right to require dedication for public use the beds of the streets and/or roads, and floodplains and open space where applicable and for good and other valuable consideration, hereby grant the right and option to Howard Co. to acquire fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable; and (3) the right to require dedication of waterways and drainage easements for the specific purpose of their construction repair and maintenance; and (4) that no bldg. or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness my (our) hands this 1<sup>st</sup> day of April, 1980

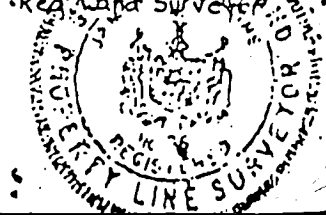
Signature Bernard M. Rome - James Diem

S. A. MANGER  
465/654  
P. 63

**SURVEYOR'S CERTIFICATE**

I hereby certify that the Final Plat shown hereon is correct, that it is a subdivision of all the lands conveyed, by Thelma H. Manger & H. Donald Schwaab to Countryside Joint Venture deed dated Mar. 30, 1979 and recorded in the Land Records of Howard County, in Liber 734 Folio 611, and that all monuments are in place as shown in accordance with the Annotated Code of Maryland, as amended.

James Diem  
Registered Surveyor



1-4-80  
Date

*No SEPTIC PROBLEM,  
NEAREST NEIGHBORHOOD WITH  
350 FT or MORE AWAY,  
AS PERM. AS TO PROCEED  
3/30/80  
C. Williams*

\_\_\_\_\_ and Private Sewerage  
Health Department

\_\_\_\_\_ Date \_\_\_\_\_

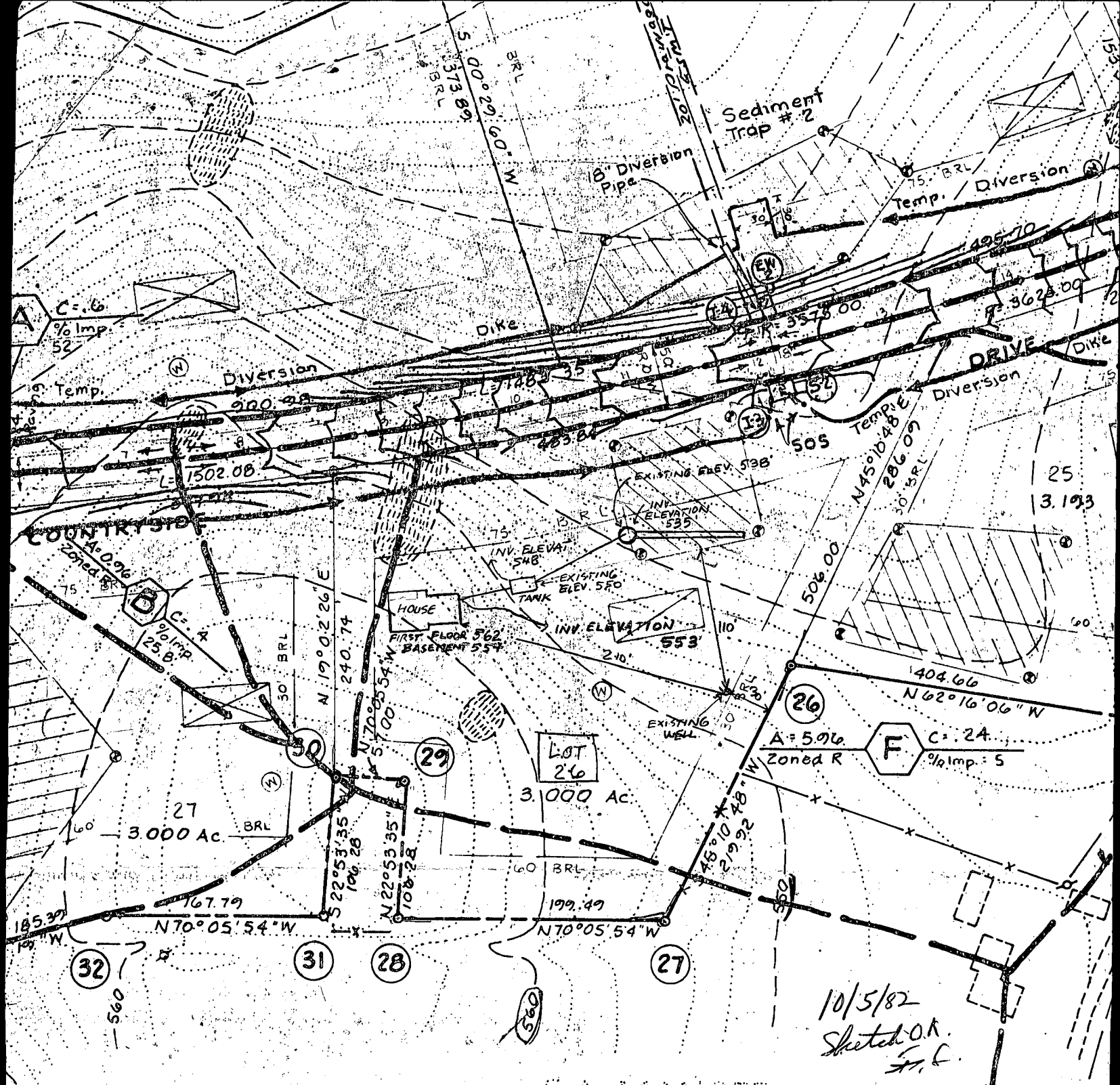
\_\_\_\_\_ Office of Planning and  
\_\_\_\_\_

\_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_ ge Systems and Public  
\_\_\_\_\_ of Public Works.

\_\_\_\_\_ Date \_\_\_\_\_





S.A. MANGER  
485/654  
P 63

**SITE ANALYSIS**

1. Zoning - R
2. No. of Proposed Lots - 27
3. Tabulation -  
 Lots - 100.878 Ac.  
 R.O.W. - 7.180 Ac.  
 Total - 108.078 Ac.
4. Tax Map - 21
5. Soils Map - 29
6. Private Water and Private Sewerage Systems to be utilized.
7. Topography shown is from actual field survey Aug. 1978, by N.T.T. Assoc.
8. Design speed for Countryside Drive - 30 mph
9. Design speed for Countryside Way - 30 mph
10. Open Space required - none
11. Contour Interval - 2 feet

**SEDIMENT TRAP # 2**

Drainage Area = 3.6 Ac.  
 Disturbed Area = 2.94 Ac.  
 Storage Vol. Req'd. = 200 cy  
 Storage Vol. Prov. = 200 cy  
 Bottom Area = 900 Sq. Ft.  
 (30' x 30' or equivalent)  
 Crest Length = 22'

REVIEWED FOR \_\_\_\_\_  
 meets technical requirements.

**DEVELOPER'S CERTIFICATION**

I CERTIFY THAT ALL DEVELOPMENT & OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN OF EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

Signature \_\_\_\_\_  
 U.S. SOIL CONSERVATION SERVICE  
 This development plan is approved for sediment control by the Howard Soil Conservation District.  
 Approved \_\_\_\_\_  
 HOWARD SOIL CONSERVATION DISTRICT

Bernard M. Rome  
 \_\_\_\_\_  
 DATE 14 JAN 82