

3/2/95  
4/19/95  
308

3/31/95 P.C.O. *C.B.D.*

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-306283

P 50601  
50601  
A 25925

DISTRICT 3rd

DATE 3/23/95

DATE SYSTEM APPROVED 4/19/95

INSPECTOR C.B.D.

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 313-2640

INDEXED

\*Time Expired for  
F.C.O.P. Compliance

Calvin Smith IS PERMITTED TO INSTALL  ALTER

ADDRESS 2836 Mont Clair Drive Ellicott City, MD 21043 PHONE 461-4715

SUBDIVISION Earl M. Gray LOT 2 ROAD 2900 Pfefferkorn Road

PROPERTY OWNER Calvin Smith

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS pump pit 1000 gallons

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 135

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

LOCATION - Place distribution box 30 feet off the back lot line (361.00') and 80 feet off the left lot line (356.31') when facing the lot from the right-of-way. Run trenches on contour in both directions. Maintain 100 feet between well and septic.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

~~\*PUMP SYSTEM ONLY\*~~

PLANS APPROVED BY Amy McMillen DATE 06/01/94

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

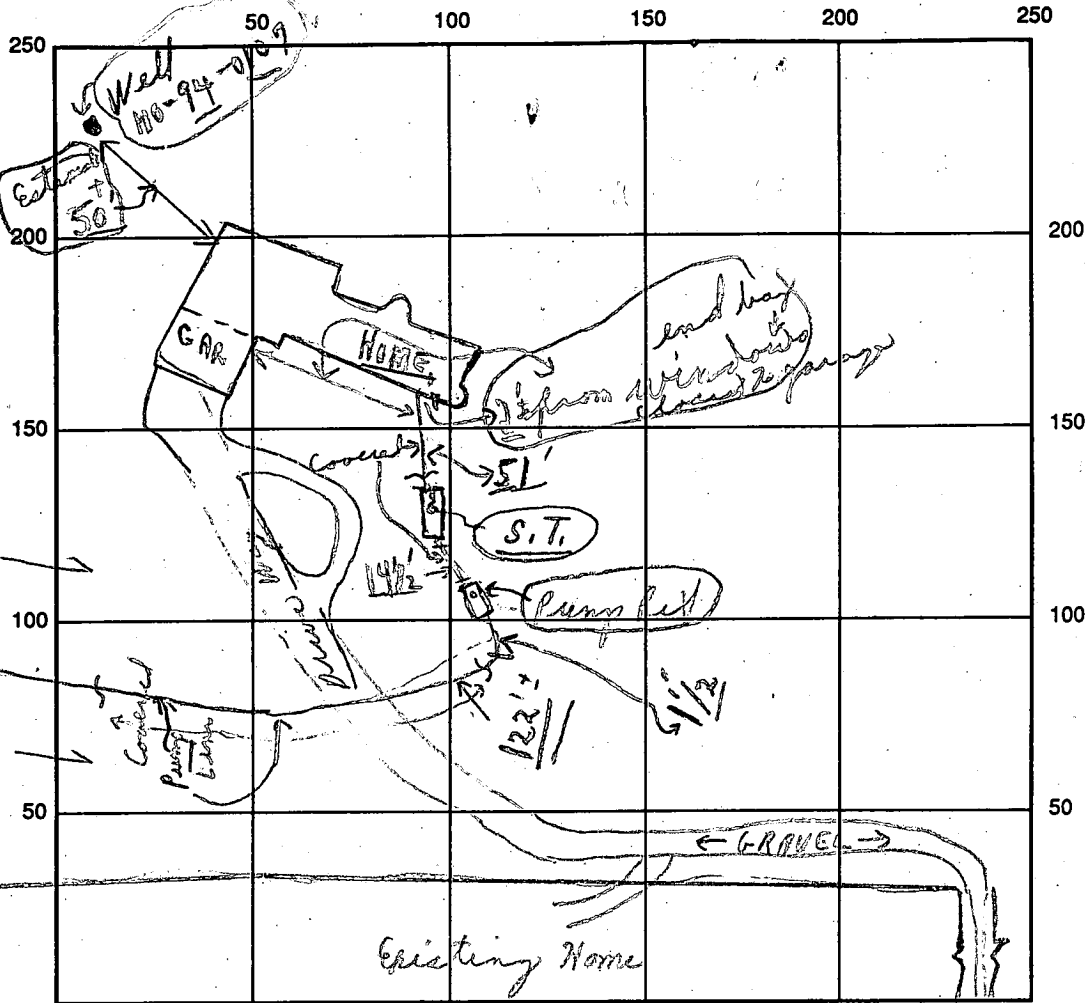
PERMIT VOID AFTER TWO YEARS

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**

P50601



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

(S.T.) (Pump Pit) ← Pepperdown Road →  
 SEPTIC TANK LEVEL OK OK CLEANOUTS S.T. (Needs) Pump Pit OK Mesh hole type  
 DISTRIBUTION BOX LEVEL OK Baffles in (C.O. Stone) 1 Pump  
 DRAIN FIELD/TITLE DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.  
 EFFECTIVE GRAVEL DEPTH 4 + FT. TOTAL LENGTH 163' FT. = (40' + 43' + 36')  
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 652 SQ. FT.  
 DRYWALL INSIDE DIAMETER ✓ FT. EFFECTIVE DEPTH BELOW INLET ✓ FT.

ABSORBENT AREA 652 SQ. FT.

REMARKS: Partial 3/31/95 (ONLY) - Partial - ok for stone in trenches - only;  
Note - No pipe in or seen + tanks covered with mud; etc.  
4/19/95 Pump test with 110' electric lines; ok to cover  
all work to final; C.O. OK on water test from home to S.Tank  
and P. pump pit to Trenches OK.  
3/31/95 No W.P.I. chd; S.F. at - M.P.I. ok? to cover all done.

DATE SYSTEM APPROVED 4/19/95 INSPECTOR Charles Bryan

*Prod.*

# APPLICATION

A 25925

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

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 5/23/77

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 EARL M. GRAY Calvin Smith

ADDRESS WOODBINE ROAD SHADY GLENN PHONE 461-4715  
795-4166

PROPERTY LOCATION:

SUBDIVISION PROPERTY OF EARL M. GRAY LOT NO. 2 NEW ONE

ROAD AND DESCRIPTION 1200'± SOUTH FROM OLD ROVER ROAD AND PFEFFERCORD RO.  
(2900 Pfefferkorn Road)

SIZE OF LOT 4 AC.± TYPE BLDG. EXIST. HOUSE  
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 Charles J. Good

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

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

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

REASONS FOR REJECTION OR HOLDING 6/21/77 EXISTING SYSTEM  
OK & REPAIR HOLES PASSED PERC RH

BLDG. PERMIT SIGNED  
AND RETURNED 9/23/77  
Serial # 56140-3 Bedroom

# THIS IS NOT A PERMIT


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
6/21/77	1S	3	330	331	331	333	2	HIGH	
6/21/77	2M	8	334	341	341	345	4		
6/21/77	1D	12	NOT TESTED TOUSUF ALL SAND - DANGER CAVE IN						
	2S	3	355	356	356	357	1		
	2M	7	359	400	400	401	1	LOW	
6/21/77	2D	11	ALL SAND & DRY NOT TESTED DANGER CAVE IN						

REMARKS \_\_\_\_\_

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

TESTED BY B. Hodges ALSO PRESENT: C. Smith  
E. Gray

C1 5191

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 25 125

ST/CO USE ONLY- DATE RECEIVED

DATE WELL COMPLETED 061894

Depth of Well 227 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Smith, last name; STREET OR RFD Hofferkoen Road; TOWN West Friendship; SUBDIVISION Earl M Gray; SECTION; LOT 2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Dirt, Soft Br. Mica, Blue Sandstone, Br. Sandstone.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 26, NO. OF POUNDS 2444

CASING RECORD: casing types insert appropriate code below. ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER)

MAIN CASING TYPE: S (STEEL), T (TYPED), Nominal diameter top (main) casing 6 inch, Total depth of main casing 58 feet

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)

C2: DEPTH (nearest ft.) table with rows for EACH SCREEN and columns for SLOT SIZE, DIAMETER OF SCREEN

C3: PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 5 gal. per min., METHOD USED TO MEASURE PUMPING RATE submersible, TYPE OF PUMP USED (for test) S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX: SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

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"

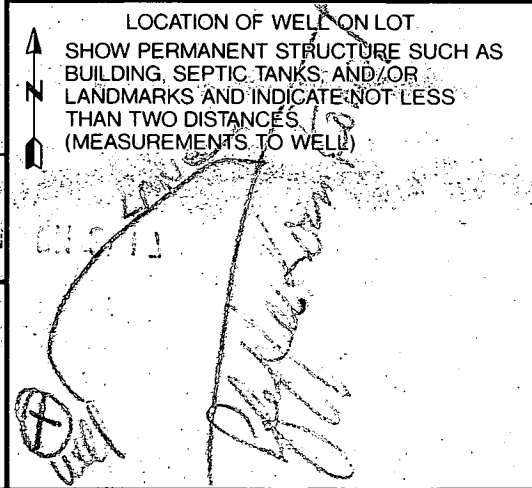
DRILLERS IDENT. NO. 256, DANA KYKER JR II

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Ronald Kyker

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

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (TELESCOPE CASING), WQ (WELL QUALITY INDICATOR), LOG INDICATOR, OTHER DATA



4/19/95

4/19/95  
Final  
Cbd.

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

PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION  
LINE

New Installation \_\_\_\_\_ Receipt # \_\_\_\_\_  
Replacement \_\_\_\_\_ Date \_\_\_\_\_

Name of Installer \_\_\_\_\_ Telephone \_\_\_\_\_

License Number \_\_\_\_\_  
Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner C. SMITH Telephone \_\_\_\_\_  
Subdivision E. M. GRAY Lot # 2 Well Tag # HO - 94 - 0107  
Site Address 2900 Pippin Road

**Pump**  
1. Type  
a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible \_\_\_\_\_  
2. Make \_\_\_\_\_  
3. Model # \_\_\_\_\_  
4. Capacity \_\_\_\_\_ 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 \_\_\_\_\_  
2. RPM \_\_\_\_\_  
3. Voltage \_\_\_\_\_  
a. 110 \_\_\_\_\_  
b. 220 \_\_\_\_\_

**Pitless Adapter**  
1. Make \_\_\_\_\_  
2. Model # \_\_\_\_\_  
3. Depth \_\_\_\_\_

**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? \_\_\_\_\_

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: \_\_\_\_\_

ORANGE

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

HD-215 (R.M.) 4/19 { Left white copy for Mr. C. Smith to send in!!  
Cbd.

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

MICROBIOLOGICAL \* CHEMICAL \* PHYSICAL WATER ANALYSIS

1413 Old Taneytown Road  
Westminster, MD 21156

MD State Certification #193  
(410) 848-1014 or 876-4554

839 C South Main Street  
Bel Air, MD 21034

WATER ANALYSIS REPORT

ACCOUNT NUMBER: 4995  
LABORATORY ID NUMBER: 15435  
LOCATION: 2900 Pfefferkorn Road

COMPANY: CASH ACCOUNT  
REQUESTED BY: Calvin Smith  
SOURCE: Well

WEST FRIENDSH, MD, MD, 21794

SITE: Main Floor Utility Sink

DATE/TIME COLLECTED: 04-27-1995, 1201

COLLECTED BY: C. Toms 95-069

DATE/TIME REC'D LAB: 04-27-1995, 1515

@ RESIDUAL CHLORINE: None Detected

WELL NUMBER: 99-94-0147

WATER SUPPLY TREATED: NO

TYPE OF TREATMENT: NONE

PARAMETER	RESULTS	REFERENCE	UNITS
PH	9.0	8.5 - 8.5	pH Units
NITRATES	2.22	10 OR LESS	mg/L (PPM)

ONEG/MIL 24-HOUR TEST:

COLIFORMS, TOTAL	<b>PRESENT</b>	Absent	Bacteria Total Coliform
COLIFORMS, FECAL	ABSENT	Absent	Bacteria Fecal Coliform

ADDITIONAL TEST:

PARAMETER	RESULTS	REFERENCE	UNITS
Turbidity	7.8	Less Than 10	NTU
Color	None	None	

PLEASE NOTE: A SATISFACTORY TEST RESULTS INDICATES THAT THE PARAMETER(S) TESTED FOR WERE WITHIN POTABLE WATER LIMITS AT THE TIME OF SAMPLING.

@ DENOTES SAMPLE ANALYZED IN THE FIELD.

DATE REPORTED: 04-29-1995

LABORATORY DIRECTOR:

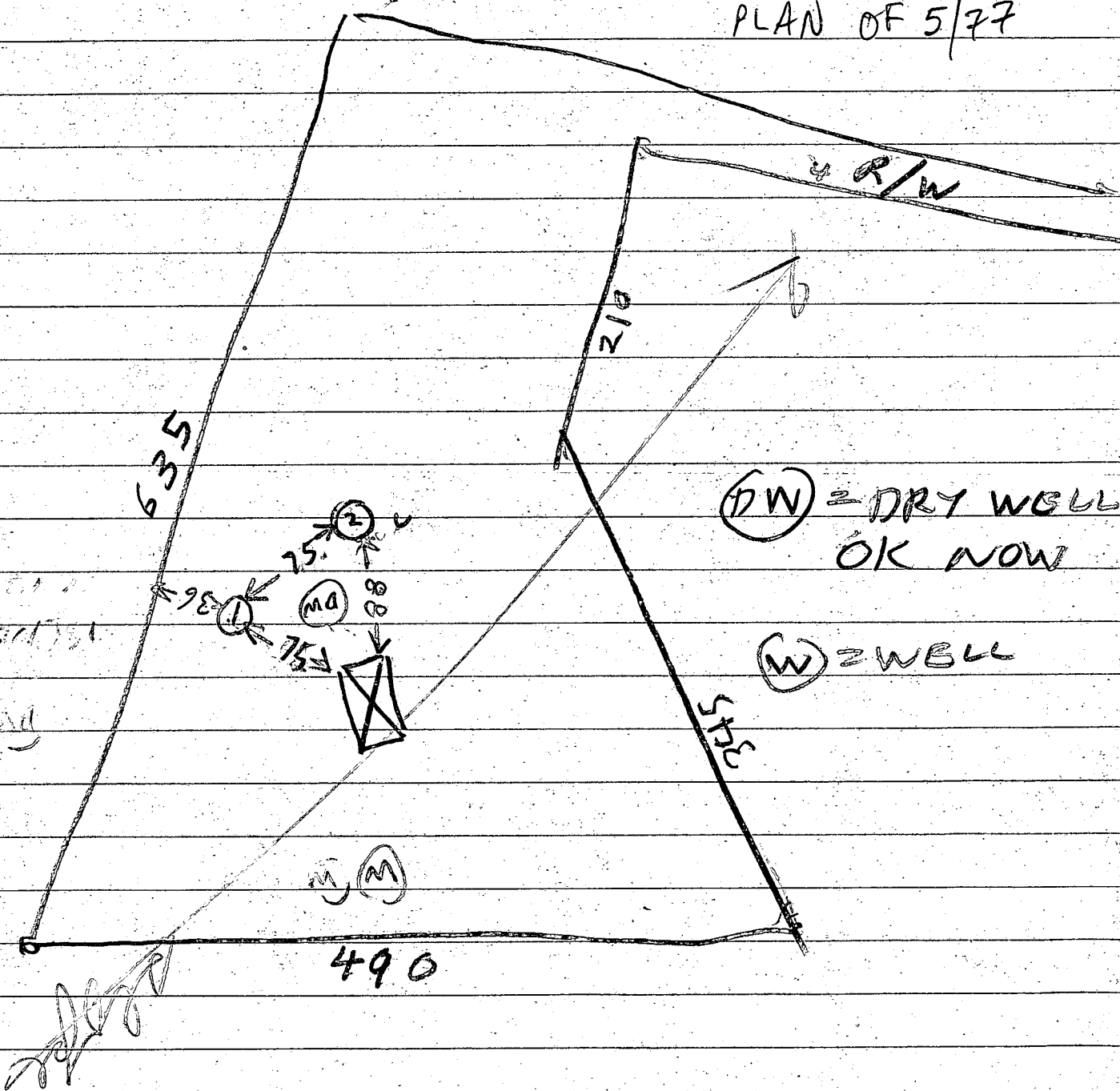
*Charles Mooshier*  
Charles Mooshier, BS, MPH

COMMENTS: Use & Occupancy,

As Analyzed As Received

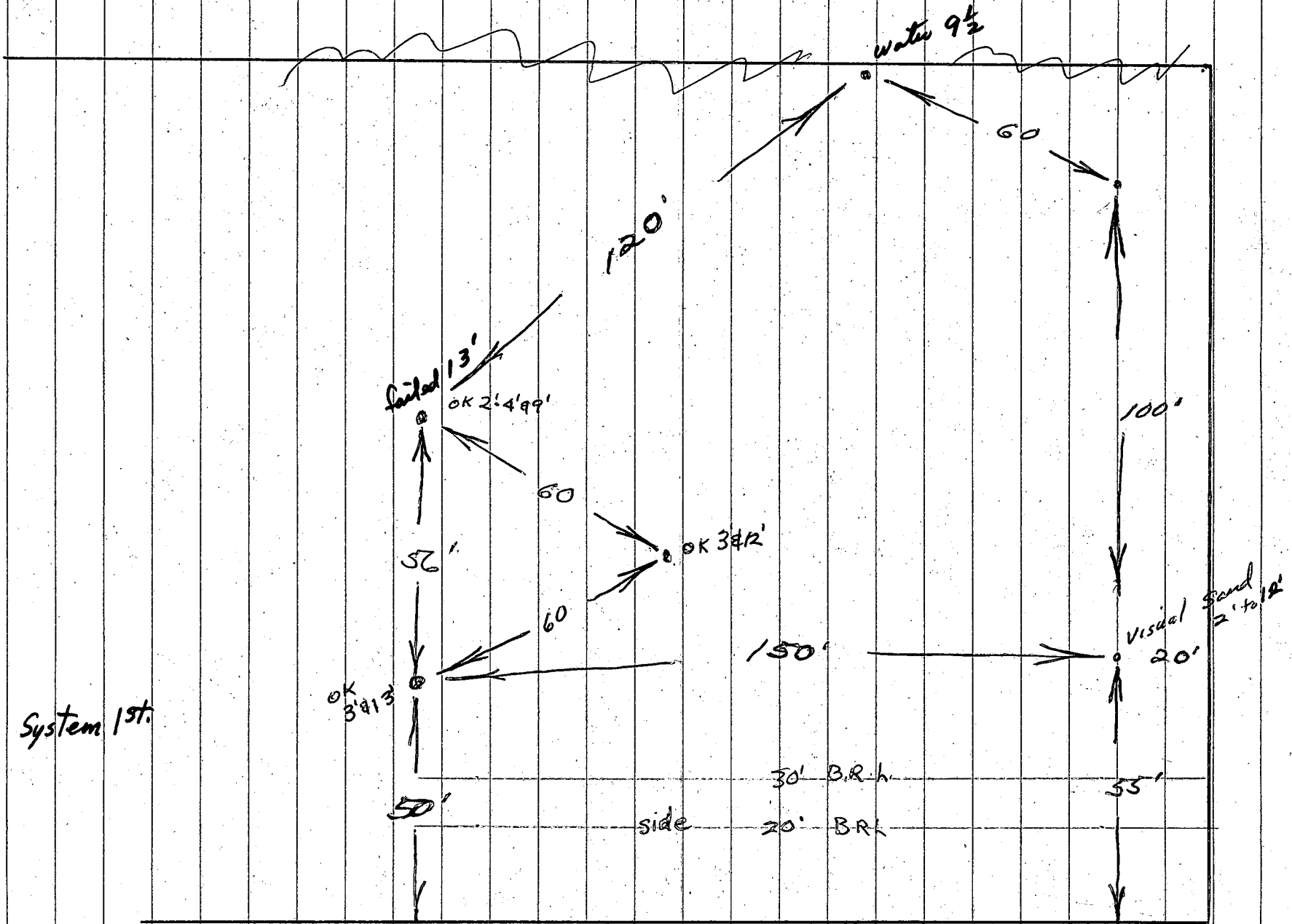
9/16/03  
Identified  
as existing  
Lot 2  
KN

OLD  
LOT 1  
ON PERC  
PLAN OF 5/77



Handwritten notes on the left side of the page, including 'MAY 2001' and 'MAY 1971'.

(DW) = DRY WELL  
OK NOW  
(W) = WELL



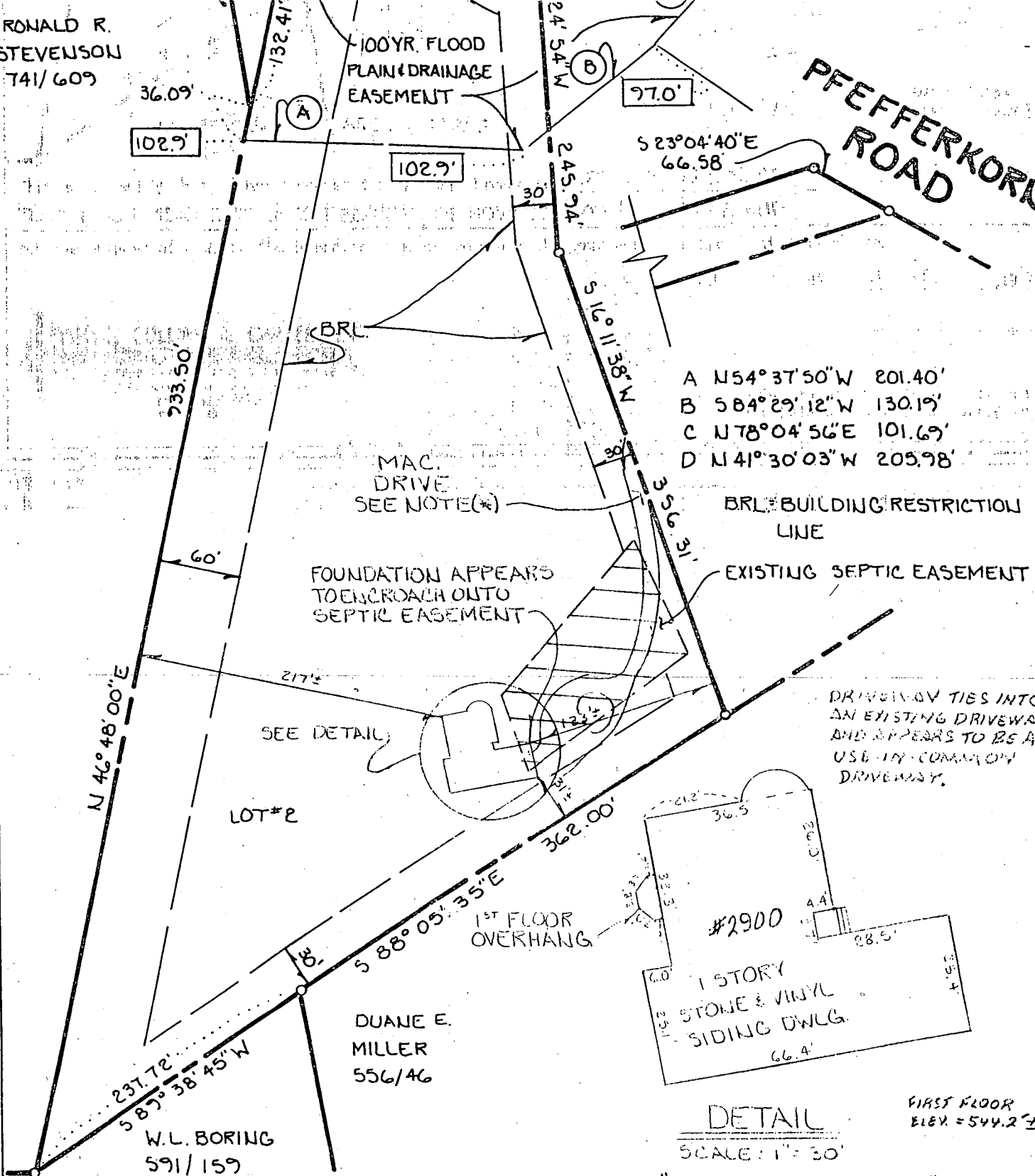
System 1st.

ONE  
LOVE

30' = 1"



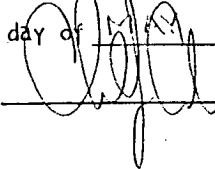
RONALD R. STEVENSON  
741/609



This is to certify that I have surveyed the property known as: LOT #2 OF "EARL M. GRAY PROPERTY" RECORDED PLAT 4130 AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND

for the purpose of locating the improvements thereon, and the improvements are located as shown.

Signed this 4 day of May, 1997



**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
9171 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLICOTT CITY, MARYLAND 21042  
(410) 461-2855



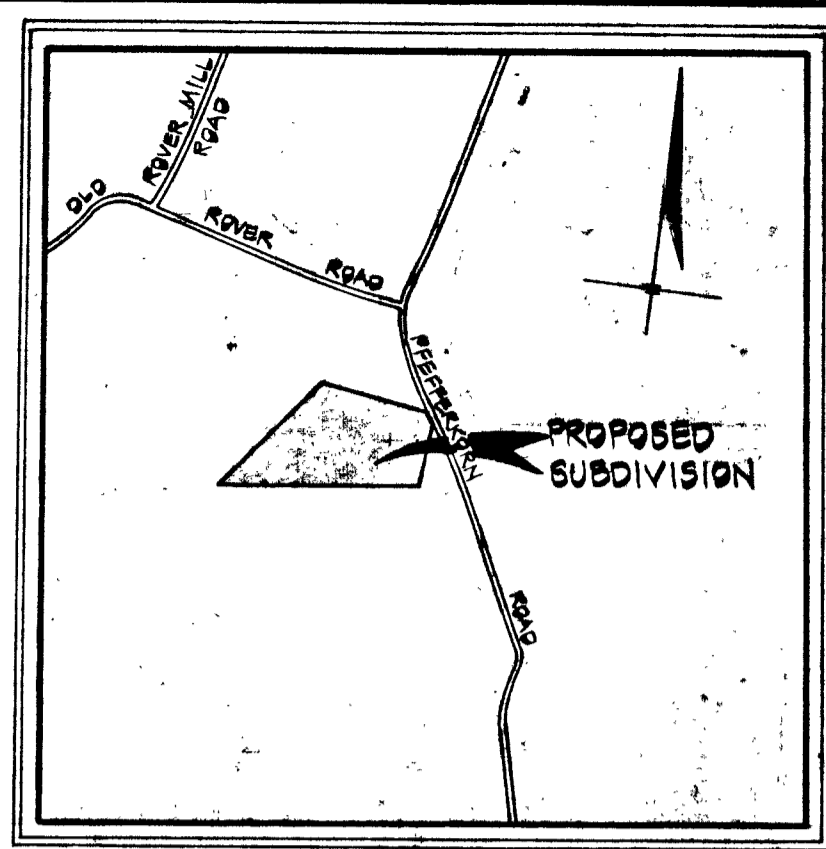
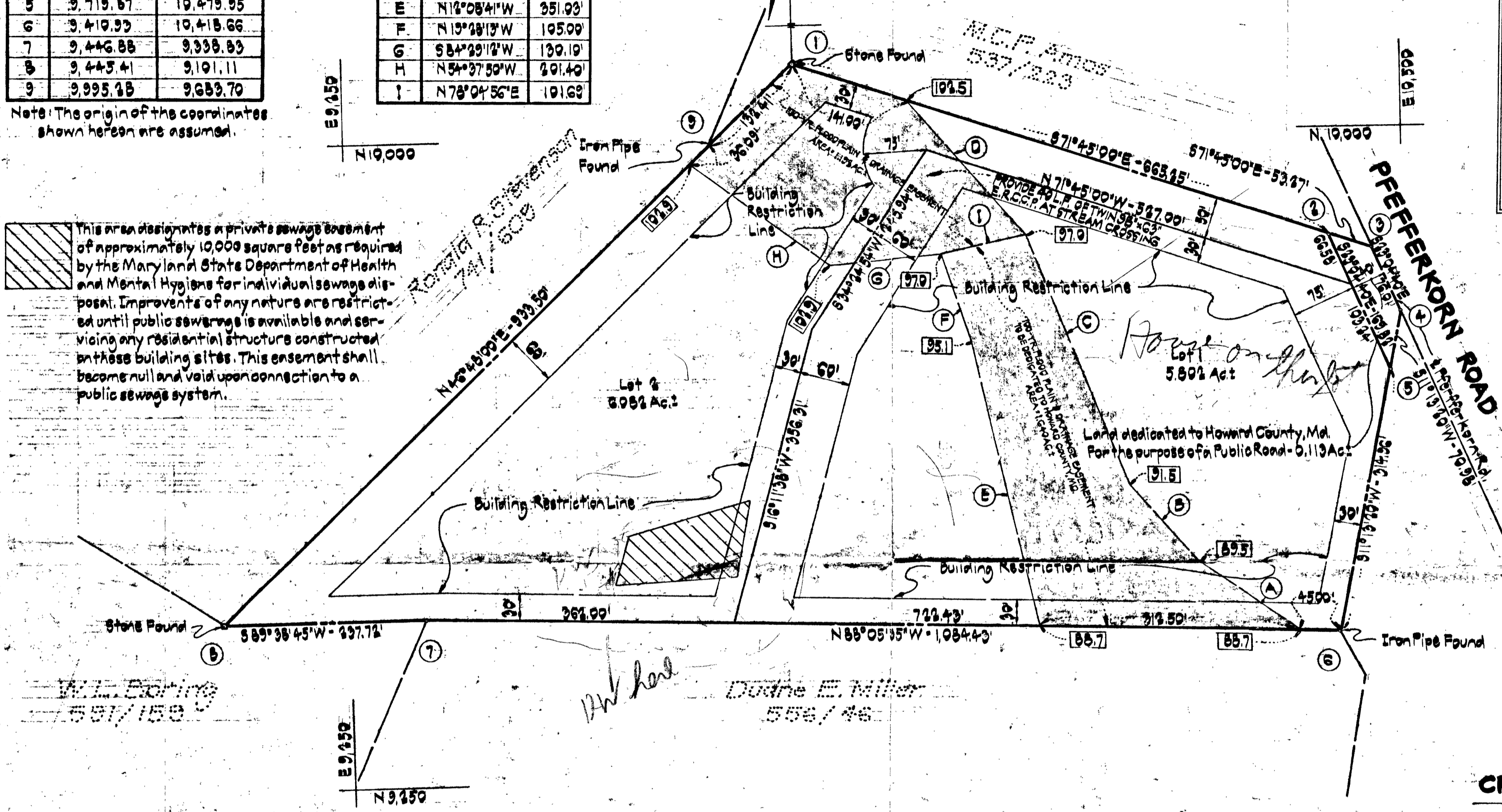
This plat is not intended for use in the establishment of property lines.

COORDINATES		
No.	North	East
1	10084.43	9,781.69
2	9,876.10	10,413.99
3	9,859.42	10,463.98
4	9,789.49	10,493.76
5	9,719.87	10,479.95
6	9,419.93	10,418.66
7	9,446.88	9,938.83
8	9,443.41	9,191.11
9	9,995.28	9,689.70

Note: The origin of the coordinates shown herein are assumed.

100-YEAR FLOOD PLAIN		
No.	Course	Dist.
A	N54°42'00"W	151.54'
B	N41°19'10"W	121.17'
C	N21°48'00"W	317.72'
D	N41°30'03"W	295.98'
E	N12°08'41"W	351.03'
F	N13°28'13"W	105.00'
G	S84°29'12"W	139.19'
H	N54°37'50"W	291.42'
I	N78°04'56"E	191.62'

This area designates a private sewage easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature are restricted until public sewerage is available and servicing any residential structure constructed on these building sites. This easement shall become null and void upon connection to a public sewerage system.



VICINITY MAP  
Scale: 1" = 1200'

NOTES

- The lots shown herein comply with minimum ownership width and lot area as required by the Maryland State Department of Health and Mental Hygiene.
- For flag or pipe stem lots refuse collection, snow removal and road maintenance is provided to the junction of the flag or pipe stem and the road right-of-way only and not onto the flag or pipe stem driveway.
- This plat subject to VP-78-16.
- 100-yr Flood Plain Elevation.
- This plat subject to Board of Appeals Case 933-C.
- Tax Map 15, Parcel 20

OWNER & DEVELOPER

EARL M. GRAY  
Pfefferkorn Road  
Glenold, Maryland  
21737

CROVO & ASSOCIATES, INC.

CIVIL ENGINEERING  
LAND SURVEYING

8669 OAK ROAD  
BALTIMORE, MARYLAND  
21234

RECORDED PLAT 4130  
ON 11/2 1978 AMONG THE LAND RECORDS OF  
HOWARD COUNTY, MD.

Total number of lots to be recorded - 2  
Total area of lots - 11.884 Ac.±  
Total area of roadways to be recorded - 0.113 Ac.±  
Total area of 100-yr flood plain dedication - 1.649 Ac.±  
Total area of subdivision to be recorded - 13.637 Ac.±

APPROVED: For private water and private sewerage systems.  
Howard County Health Department.

*Joyce Boyles* 10-10-78  
County Health Officer Date

APPROVED: Howard County Office of Planning and Zoning.  
*James L. Harris* 11-1-78  
Director Date

APPROVED: For storm drainage systems and public roads.  
Howard County Department of Public Works.  
*Richard E. Freudenberger* 10/30/78  
Director Date

OWNER'S CERTIFICATE

We, Earl M. Gray and Gladys M. Gray, his wife, owners of the property shown and described herein, hereby adopt this plan of subdivision, and in consideration of the approval of this Final Plat by the Office of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, 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 right-of-ways and the specific easement areas shown hereon; (2) dedicate to public use the beds of the streets and/or roads and floodplains and open space where applicable, and for One Dollar (\$1.00) consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains and open space where applicable; (3) that no building or similar structure of any kind shall be erected on or over the said easements and right-of-ways; and (4) it is further agreed that maintenance of all waterways, drainage easements and/or floodplains shown hereon are the responsibility of the property owner, its successors and assigns.  
Witness our hands this 24<sup>th</sup> day of October, 1977.

*Earl M. Gray*  
Earl M. Gray  
*Gladys M. Gray*  
Gladys M. Gray

SURVEYOR'S CERTIFICATE

I hereby certify that the Final Plat shown hereon is correct; that it is a subdivision of all of the lands conveyed by Robert C. McHenry and Pamela W. McHenry, his wife, to Earl M. Gray and Gladys M. Gray, his wife, deeded the 24<sup>th</sup> day of October, 1959, and recorded in the Land Records of Howard County, in Liber 342, Folio 238, and that all monuments are in place as shown, in accordance with the Annotated Code of Maryland, as amended.

*Walter Park*  
Walter Park, Md. Reg. No. 5599  
OCT 18 1977  
Date

PROPERTY OF  
**EARL M. GRAY**

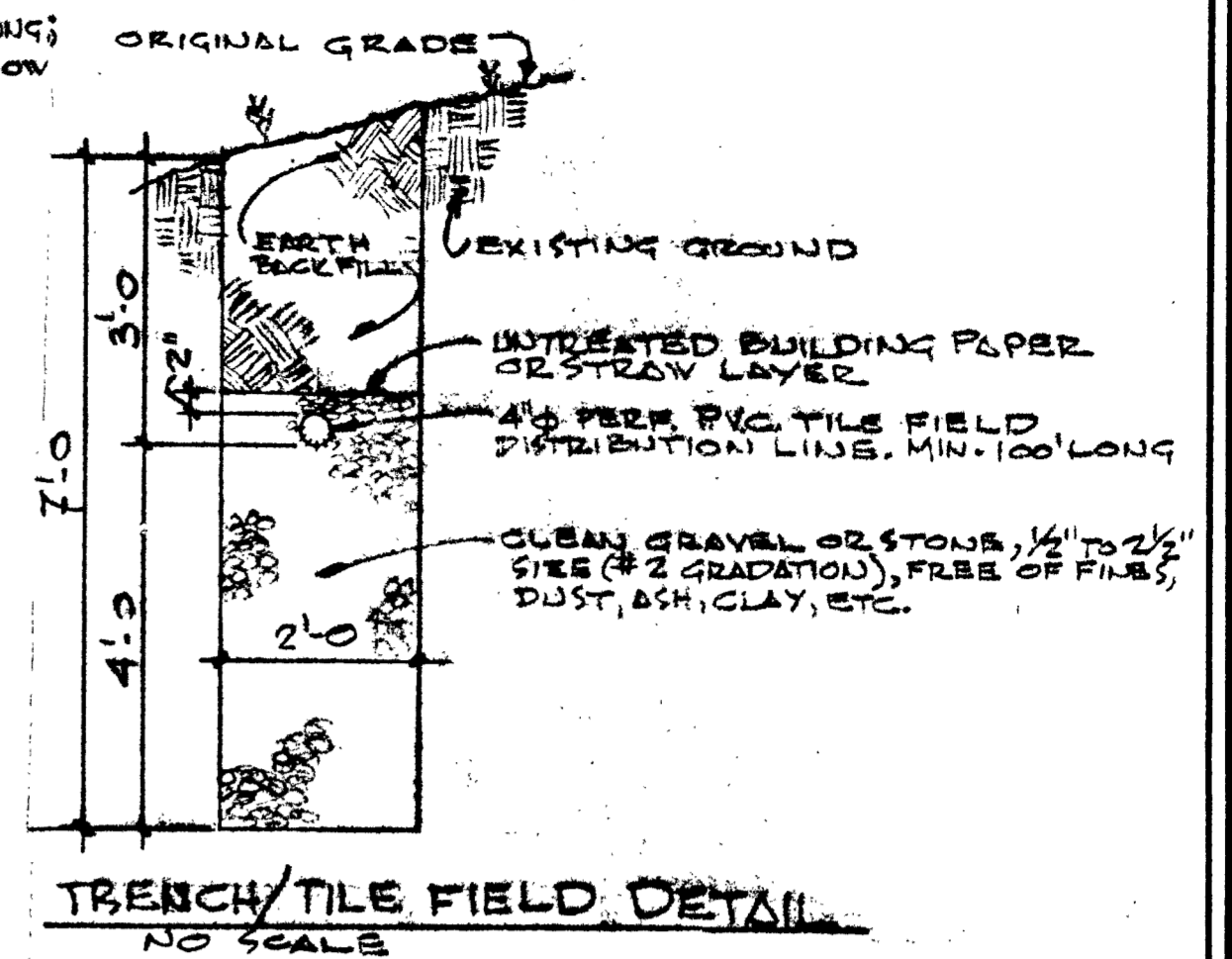
4<sup>TH</sup> ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

MARCH 20, 1978

SCALE 1" = 100'

**SEWAGE DISPOSAL SYSTEM NOTES**

1. INSTALLATIONS SHALL CONFORM TO HEALTH DEPT. REGULATIONS & REQS.
2. USE TRENCH/TILE FIELD DISPOSAL SYSTEM. EACH TRENCH 100'-LONG; WIDTH = 2'-0"; DEPTH BELOW PIPE = 4'-0"; PIPE INV. MIN. 3'-0" BELOW GRADE W/MIN. 4'-0" OF STONE BELOW DISTRIBUTION PIPE.
3. CALL FOR TRENCH INSPECTION BEFORE STONE IS INSTALLED.
4. PROVIDE 2" DIA. CLEANOUT & COP TO GRADE OR ABOVE ON SEPTIC TANK.

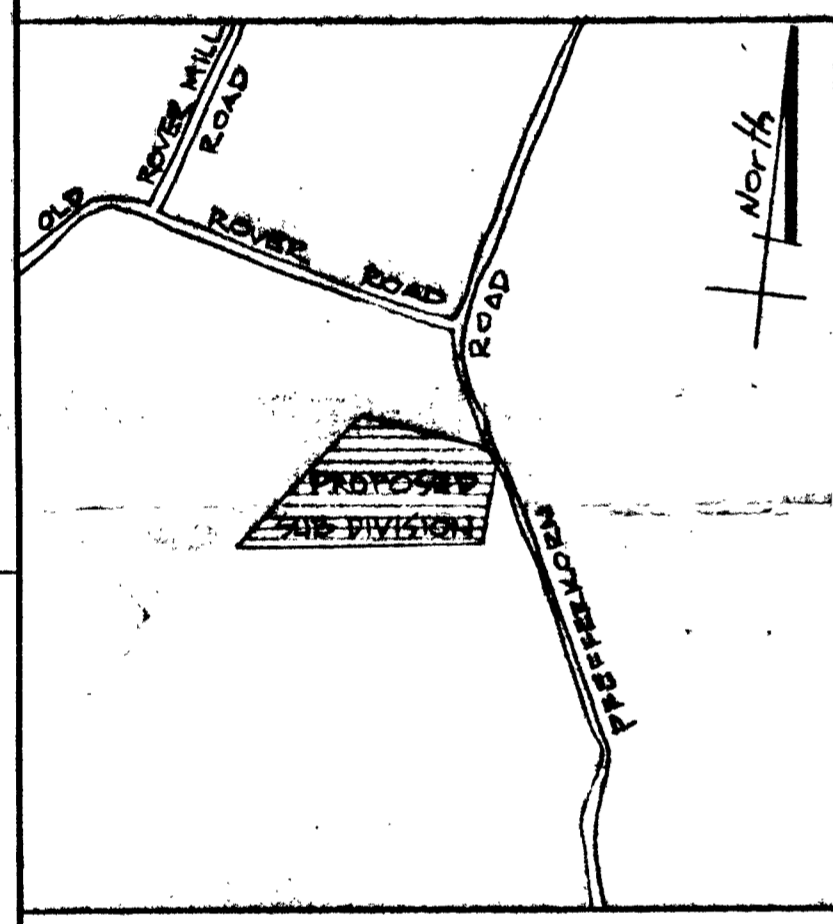
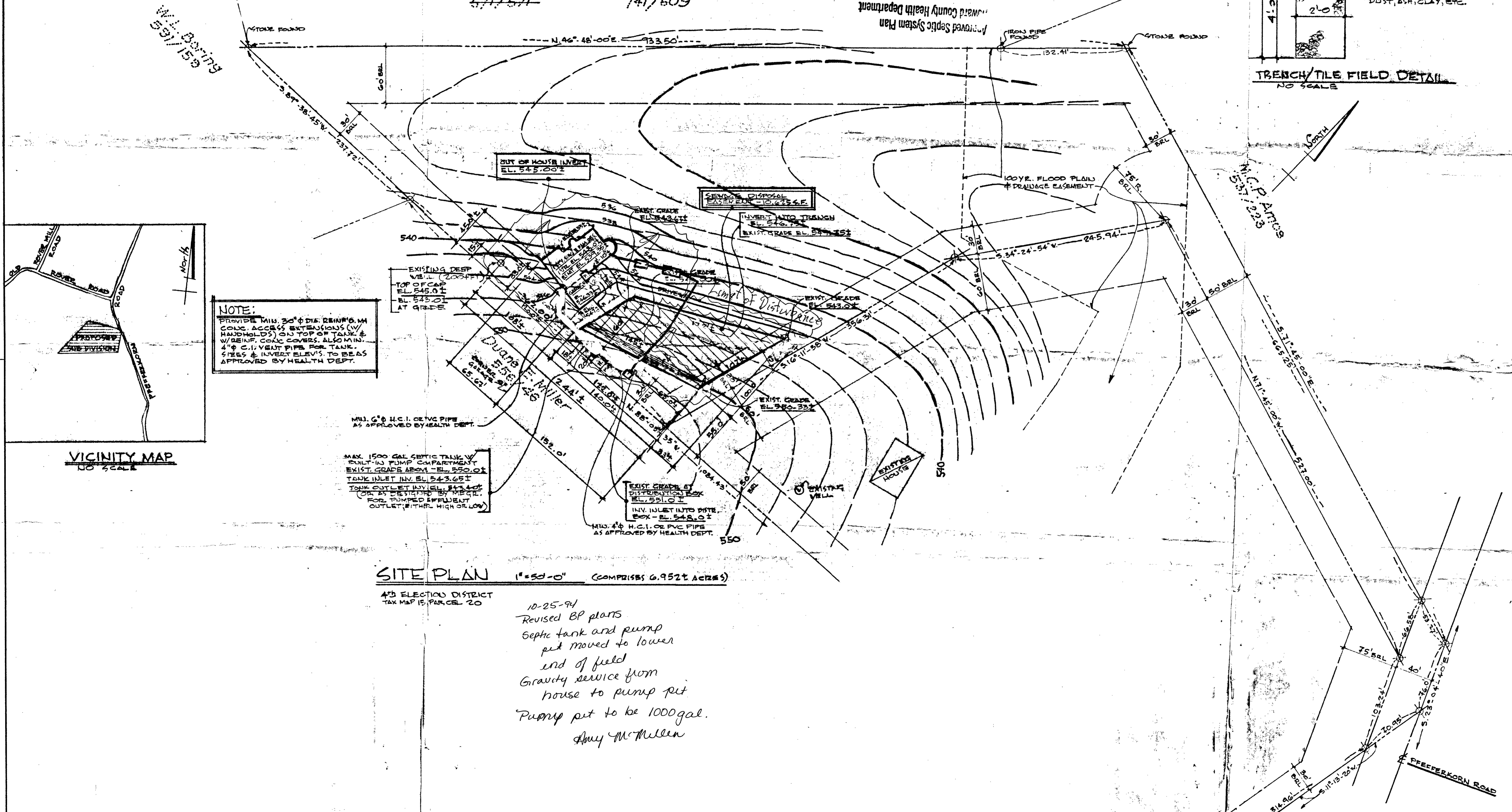


NOTE: GRADES & ELEVATIONS INDICATED ARE BASED ON A COMPARISON OF PLANNING TOPS AND ON-LITE SPOT FIELD GRADES & FIELD CONDITIONS. IN ALL CASES THERE MIGHT BE VARIATIONS IN GRADES & ELEVATIONS & OTHER FIELD CONDITIONS. PLANNING TOPS, SURVEYS, GRADING CONTOURS, ETC. ARE TAKEN FROM PLANS PREPARED BY G.R.V.O. & ASSOCIATES, INC., 8001 OAK ROAD, BALTIMORE, MD. 21234 (S/OE OF REGD.) DATED MARCH 20, 1978, APPROVED BY HOWARD COUNTY HEALTH DEPT. 10-10-78, OFFICE OF PLANNING & ZONING, 10/17/78, & DEPT. OF PUBLIC WORKS 10/30/78 (FILE # P-23-80). PROPERTY OWNER & DEVELOPER IS EARL M. GRAY AND CLAY'S M. GRAY, HIS WIFE, AS ATTESTED TO ON OCTOBER 24, 1977.

William Grimes 571/571  
 Ronald P. Stevenson 741/609

Signature: Amy McMillen  
 Date: 7/6/94

Approved Septic System Plan  
 Howard County Health Department



NOTE:  
 PROVIDE MIN. 30" DIA. REINFORCED CONC. ACCESS EXTENSIONS (W/ HANDHOLDS) ON TOP OF TANK & W/ BENT, CONC. COVERS, ALSO MIN. 4" DIA. VENT PIPE FOR TANK. SIZES & INVERT ELEV. TO BE AS APPROVED BY HEALTH DEPT.

MAX. 1500 GAL SEPTIC TANK W/ BUILT-IN PUMP COMPARTMENT  
 EXIST. GRADE ABOVE - EL. 550.01  
 TANK INLET INV. EL. 543.65  
 TANK OUTLET INV. EL. 543.40  
 (OR AS DETERMINED BY DEPT. FOR PUMPED EFFLUENT OUTLET, EITHER HIGH OR LOW)

**SITE PLAN 1"=50'-0" (COMPRISES 6.952 ACRES)**

4th ELECTION DISTRICT  
 TAX MAP 15, PAR. C&L 20

10-25-94  
 Revised BP plans  
 Septic tank and pump pit moved to lower end of field  
 Gravity service from house to pump pit  
 Pumping pit to be 1000 gal.  
 Amy McMillen

certification
---------------

date	rev. no.	remarks

model	scale 1"=50'	date
project EARL M. GRAY DEVELOPMENT		8.22.94
address CALVIN I. & JUNE A. SMITH		
LOT 2		
PEPPERKORN ROAD - GLENELG, MD. 21737		
HOWARD COUNTY, MD.		

drawing no.	5-1
-------------	-----