

1/24/89 11 AM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 43441

A 39089

DISTRICT 3rd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 4/10/89

INDEXED

DATE SYSTEM APPROVED 1/24/89

INSPECTOR RH

Dave Hopkins

IS PERMITTED TO INSTALL ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Pennington ROAD 13605 ^{Frederick Rd} Old National Pike LOT 1

PROPERTY OWNER Raymond Osuna

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22% 230

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 230 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 5 feet below original grade. 4 feet of stone below distribution pipe

LOCATION - Beginning from right front (254.17/407.32') lot corner, place the distribution box 230 feet down the right (407.32') lot line and 100 feet off the right line as seen when facing property from Route 144. Run trenches along contour towards the rear (305.00) and front (254.17) lot lines.

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

PLANS APPROVED BY Bert Nixon DATE 4/18/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 TWO YEARS

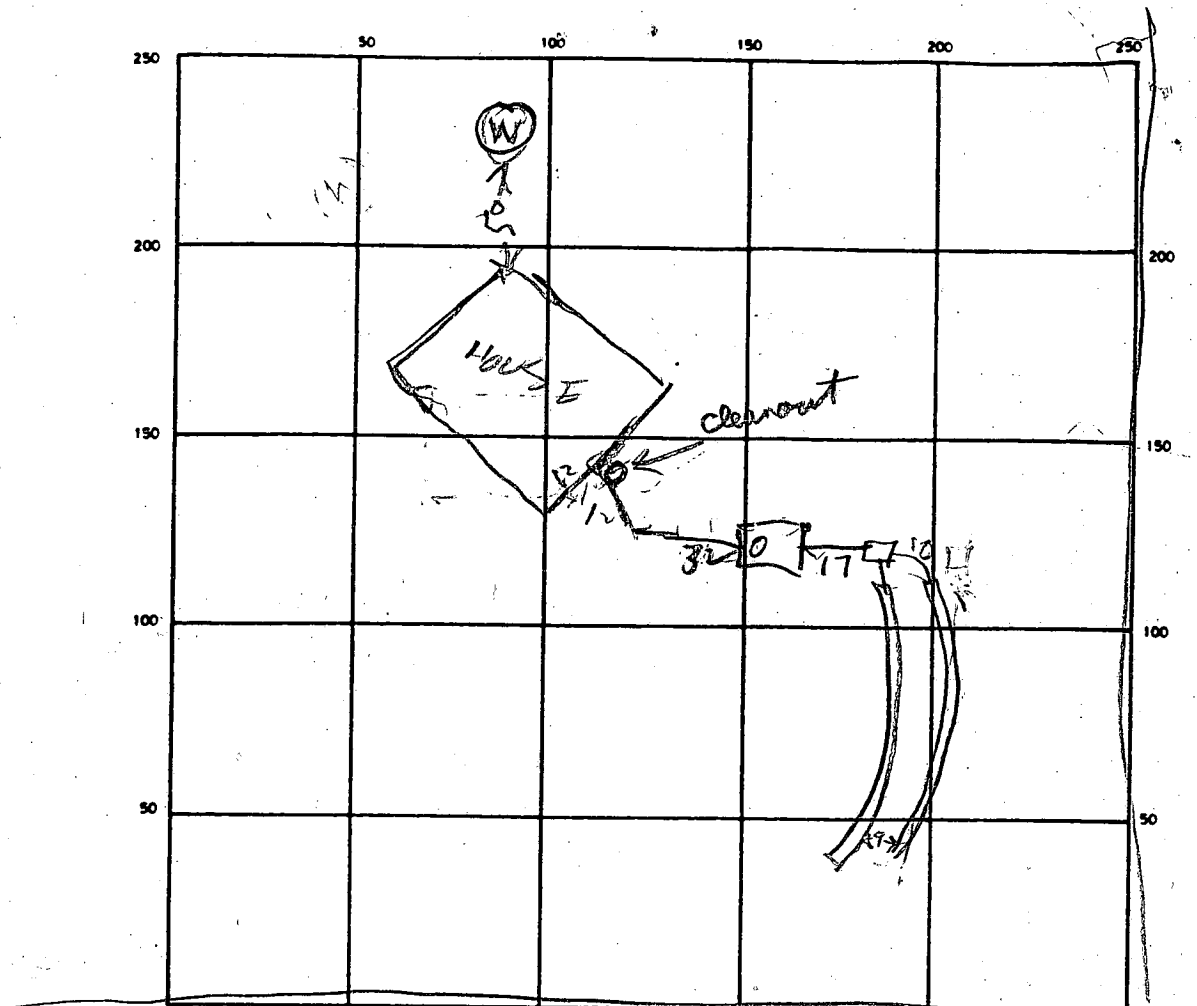
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 39089



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE
 ROUTE 144

ST HOUSESEWER
 OK OK

SEPTIC TANK LEVEL 1000

CLEANOUTS OK OK

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH 9/9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4.5/4.5 FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH 86/91 FT. TOTAL REQUIRED 1690

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA 344/364 SQ FT 708

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 1/23/89¹¹⁴⁴ - LOCATION 0/2 TRENCH #1 DUG & SOME STONE
ADDED DIG #2 TRENCH RIT 1/23/89^{200PM} - TRENCH #1 FINISHED
TRENCH #2 DUG - FINISH JOB RIT
1/23/89^{400PM} JOB FINISHED RIT

DATE SYSTEM APPROVED 1/23/89

INSPECTOR Raymond Holger

5/14/87
1:30 PM
perlem

APPLICATION

PERCOLATION TESTING

A 39089

P _____

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

DISTRICT _____

DATE 4/9/87

*Called Mr Pennington
w/date 4/9/87*

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 JOHN PENNINGTON RAYMOND OSUNA

ADDRESS 13535 Rt 144 PHONE 489-4472

PROSPECTIVE BUYER West Friendship

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 13605 OLD NATIONAL PIKE.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 5885A. 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. Jacki Frazier
(SIGNATURE OF APPLICANT)

APPROVED BY B Wufan FOR Deep system DATE 4/15/88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5-14-87 Perc. Satisfactory; Hold for PLAT. SAbel

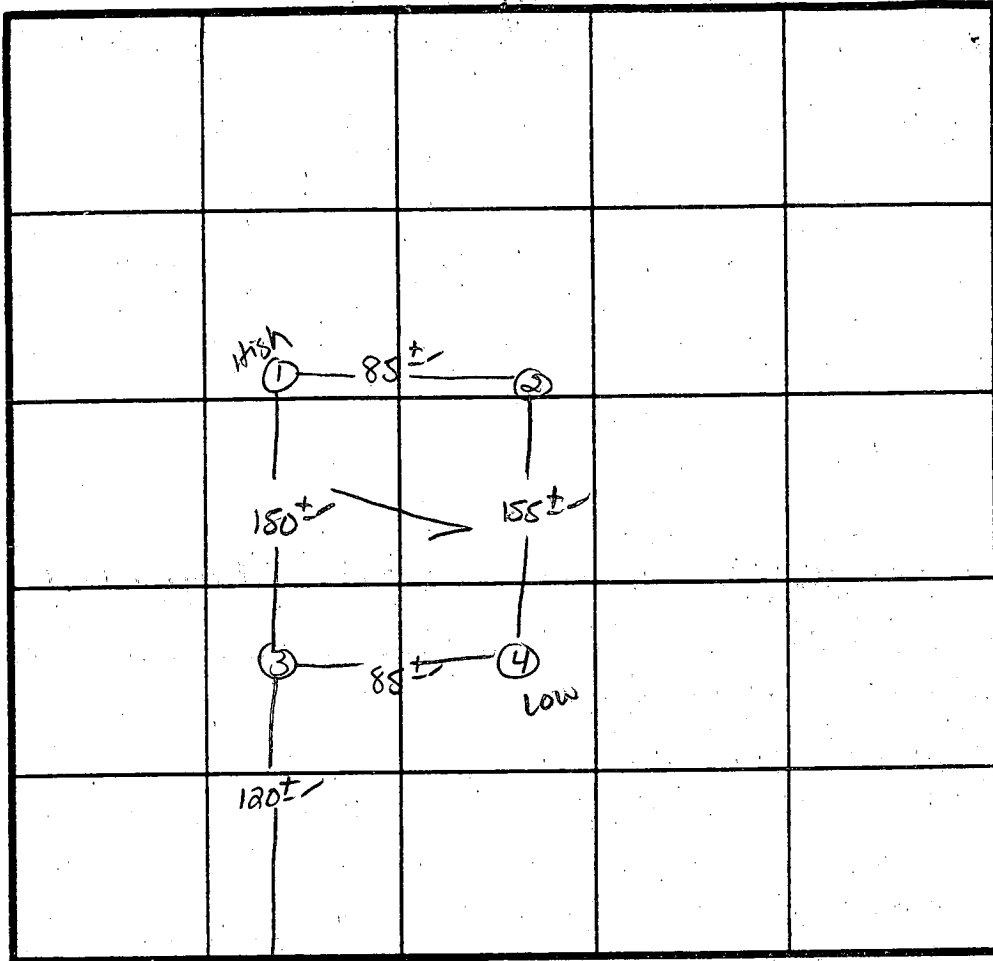
BLDG. PERMIT SIGNED
AND RETURNED 8-16-88

S. Abel BP 2074B

THIS IS NOT A PERMIT

①-④
SOIL PROFILE

0'
12" AP
RED BR
CLAY LOAM
15%
10-15% FRAGS
4'
5'
RED BROWN
TO YELLOW
RED S:1
LOAM
15-20%
FRAGS
14'



\bar{x} PERC 16 MIN
230 ϕ 1BR
INLET 5'
BOTTOM 9'

INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE.
CL \downarrow RT 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/87	1 S M	4.5	10:20	10:32	10:32	10:58	26min
		8.5	10:20	10:21	10:21	10:23	2min
	1V	14"	UNIFORM soil below 4.5				
	2 S V	5.5	10:21	10:32	10:32	10:57	25min
		14"	UNIFORM soil below 5'				
	3 S V	6"	10:24	10:25	10:25	10:27	2min
		14"	UNIFORM soil below 5'				
	4 S V	4.5	10:27	10:40	10:40	11:05	25min
		14"	UNIFORM soil below 4.0'				

REMARKS _____

TYPE OF SOIL

Elionk / Colindg

TESTED BY

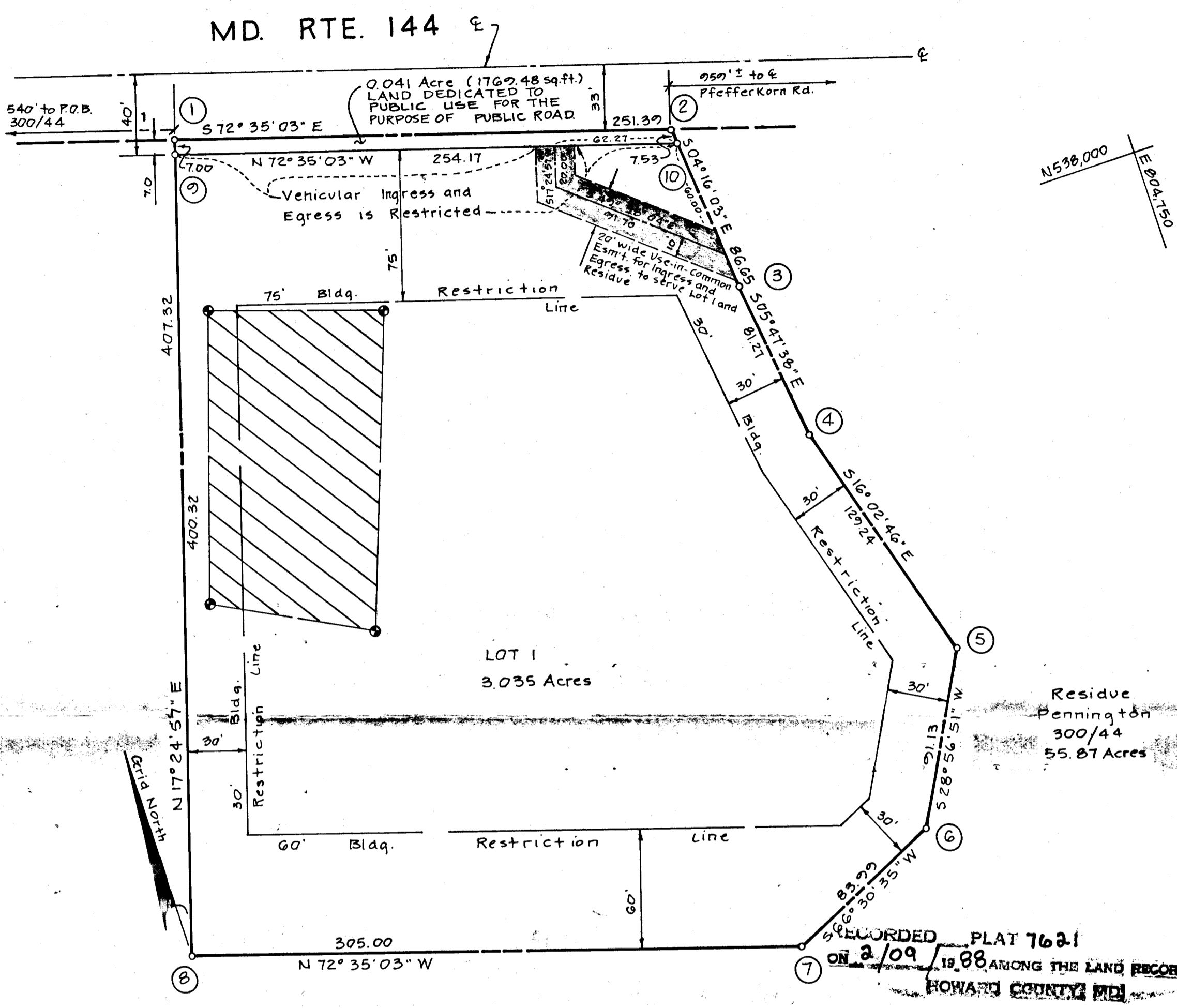
S. Abel

ALSO PRESENT

Rocky, Mr. Pennington

COORDINATE SCHEDULE		
No.	North	East
1	538,161.21	804,272.76
2	538,085.76	804,532.83
3	537,777.55	804,539.28
4	537,718.70	804,547.48
5	537,774.47	804,583.20
6	537,714.75	804,539.10
7	537,681.27	804,462.07
8	537,772.56	804,171.05
9	538,154.53	804,290.87
10	538,078.45	804,533.37

Maryland State Grid System based on Ho.Co. Control Stations 3535002 and 3535003.



- NOTES:
- Subject property zoned R as per Comprehensive Zoning Plan dated 8-2-85.
 - Property shown hereon is subject to VP-87-15B
 - Percolation Test Holes, field located.
 - ▨ Private Sewer Easement of approx. 10,000 sq.ft. as required by the Md. State Dep't. of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature are restricted in this area until public sewage is available. This easement shall become null and void upon connection to a public sewage system. The county Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
 - The lots shown hereon comply with the minimum ownership width and lot area as required by the Md. State Dept. of Health and Mental Hygiene.
 - Use-in-common driveway is privately owned and maintained.
 - Subject to Declaration of Maintenance Obligation for Use-in-Common Access Area recorded in Liber 1772 Folio 330.
 - Vehicular Ingress and Egress for residue parcel is restricted along Md. Rte. 144.

TABULATION:

TOTAL NO. OF LOTS and/or PARCELS to be recorded.....	1
TOTAL AREA OF LOTS and/or PARCELS.....	3.035 Acres
TOTAL AREA OF ROADWAYS incl. widening strips.....	0.041 Acre
TOTAL AREA OF SUBDIVISION.....	3.076 Acres

APPROVED: FOR Private WATER & Private SEWERAGE SYSTEMS, IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD CO., HOWARD CO. DEPT. OF HEALTH & MENTAL HYGIENE.
[Signature] 1-22-88
 County Health Officer # Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
[Signature] 2-3-88
 Director J.B. Date

APPROVED: FOR STORM DRAINAGE SYSTEMS, and PUBLIC ROADS, HOWARD CO. DEPT. OF PUBLIC WORKS.
[Signature] 1/28/88
 Director Date

OWNER'S DEDICATION

I, (We) John W. & Media H. Pennington owner(s) of the property shown and described hereon, 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 min. Bldg. Restriction Lines & grant unto Howard Co., Md., its successors & assigns, (1) the right to lay, construct and maintain sewers, drains, water pipes & other municipal utilities & services, in and under all roads & street rights-of-way & the specific easement areas shown hereon; (2) the right to require dedication for public use the beds of the streets and/or roads & floodplains & open space where applicable, & for good and other valuable consideration, hereby grant the right & option to Howard County, Md., to acquire the fee simple title to the beds of the streets and/or roads & floodplains, storm drainage facilities & open space where applicable; (3) the right to require dedication of waterways & drainage easements for the specific purpose of their construction, repair & maintenance; and (4) that no bldg. or similar structure of any kind shall be erected on or over the said easements & rights-of-way.

Owner: *John W. & Media H. Pennington* Date: 9/22/87
 Witness: *[Signature]* Date:

SURVEYOR'S CERTIFICATE

I hereby certify that the Final Plat shown hereon is correct, that it is a subdivision of part of the lands conveyed by Richard M. & Agnes O. Larrick to John W. & Media H. Pennington deed dated June 17, 1957 and recorded in the Land Records of Howard County in Liber 300 Folio 44, and that all monuments are in place, or will be in place prior to the acceptance of the streets in the subdivision by Howard Co. as shown, in accordance with the Annotated Code of Maryland, as amended.

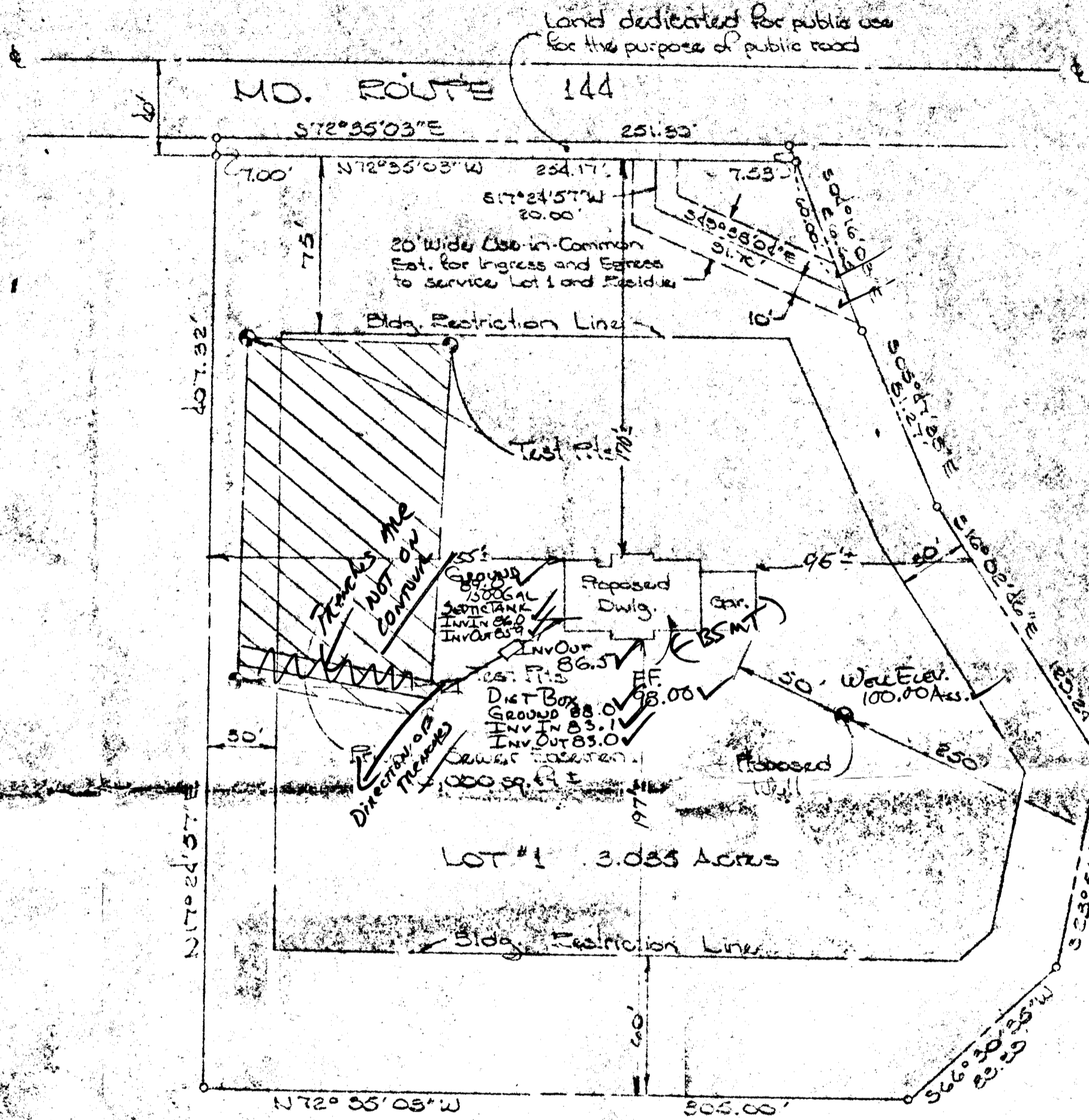
[Signature] P.L.S. 114 9-21-87
 Surveyor Date

F-88-79
PENNINGTON SUBDIVISION
 SIGNED LOT 1 FILE COPY

Tax Map..... 15
 Parcel..... 1
 Deed Ref..... 300/44
 Zoning..... R

3rd Election District, Howard County, Md.
 Scale: 1"=50' Date: Sept., 1987

BRUNING 44-132 60780



PENNINGTON SUBDIVISION
 Lot 1
 Tax Map... 15
 Parcel... 1
 Dead End... 300/44
 Zoning... R

TRENCH 230' / Bdr Room
 TRENCH 2' WIDE
 INV IN 5' BELOW GR
 BOTTOM 9' BELOW GR
 2 TRENCHES 87' LONG

Existing Well located 150' FM Pkcside area

Plot Plan
 Scale: 1" = 50'

BLDG. PERMIT SIGNED AND RETURNED 8/16/88
 S. ab
 PL 20743
 8/16/88
 elevations by S. ab

CUSTOM BUILT RESIDENCE
 FOR
 MR. & MRS. RAY OSUNA



MATTHEWS-BROWN
 CONTRACTORS, INC.
 1707 Reisterstown Road
 Pikesville, Md. 21208
 RESIDENTIAL • COMMERCIAL

B 1 **8387** SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

40-81-2671
fill in this form completely

Date Received

03/10/88

OWNER INFORMATION

PENNINGTON JOHN W II
Last Name Owner First Name

13535 RT 144
Street or RFD

FRIENDSHIP MD 21794
Town State Zip

DRILLER INFORMATION

George F. Easterday 40
Driller's Name License No. 80

L. Franklin Easterday, Inc.
Firm Name

9265 Brown Church Rd. Mt. Airy, MD. 21771
Address

George F. Easterday 3/7/88
Signature Date

B 3

LOCATION OF WELL **R-41210**

HOWARD COUNTY

PLANNINGTON SD (MAP 15A) SUBDIVISION

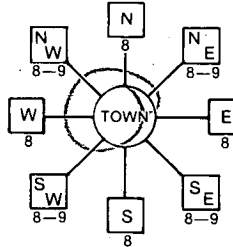
SECTION **1** LOT **1**

FRIENDSHIP NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **0** MI

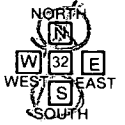
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



RT 144 (NEXT TO 13535) NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



250 DISTANCE FROM ROAD ENTER FT or MI **FT**

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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 COUNTY NAME **A 39089** COUNTY NO.

OEP SIGNATURE _____ STATE HEALTH INSERT S

DATE ISSUED _____ DATE **04/18/88** SIGNATURE **B. N. N...** EXP. DATE **10/18/88**

NORTH GRID **538000** EAST GRID **0804000**

APPROXIMATE DEPTH OF WELL **500** 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

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 _____ GAP _____

FORCE **BA** WRITE INITIALS IN BOX PERMIT No. **40-81-2671**

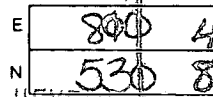
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

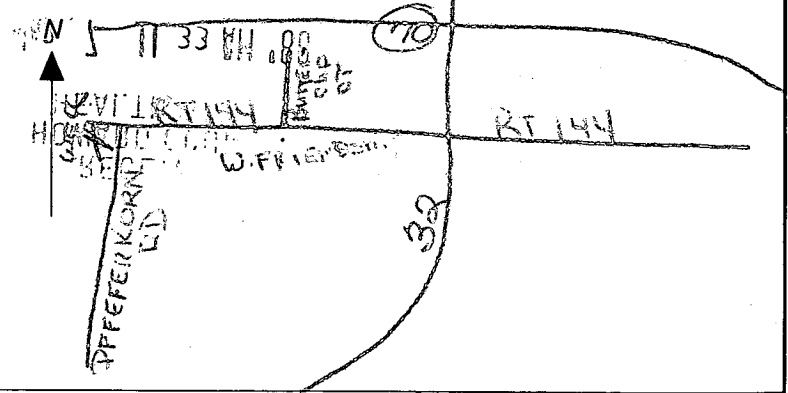
SOURCES OF DRILLING WATER

1. WELL
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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 COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

June 10, 1988

Mr. John Pennington
13535 Route 144
West Friendship, Maryland 21794

RE: Well Tag Number: HO-81-2671
Next to 13535 Route 144

Dear Mr. Pennington:

The water sample recently submitted for testing from the above referenced water supply revealed that nitrate-nitrogen was present at a concentration of 13.0 parts per million. COMAR 10.17.13.09 prohibits approval of any water supply with a nitrate-nitrogen contaminant level in excess of 10 parts per million.

This department will grant a Permanent Deviation from that regulation if a nitrate removal device is installed that effectively maintains the nitrate-nitrogen contaminant level below the 10 parts per million requirements. Once this device is installed, it will be necessary for you to comply with the following conditions before a Final Certificate of Potability can be issued:

1. Within six months, you must have your water re-tested to insure that the installed nitrate removal system is operating properly. Thereafter a yearly nitrate analysis is recommended.
2. There must be continuing service contract with a plumbing contractor or water treatment service company to maintain the efficiency of the nitrate removal device. You must supply this Department with a copy of that contract.
3. If in the future, you decide to sell or rent your home, you must make any potential buyer/tenant aware of the above condition.

If you have any questions relative to this matter, or if the device has been installed and you are ready for resampling, please call me at 461-9933.

Very truly yours,

Jane E. Nadeau

Jane Nadeau, Sanitarian
Water and Sewerage Program

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
Laboratories Administration
201 W. Preston St.
P.O. Box 2355, Baltimore, Maryland 21203
J. Mehsen Joseph, Ph.D., Director

C0139641238

Lab No. _____

WATER ANALYSIS

Bottle Number: H1471 Name: PENNINGTON, JOHN County: HOWARD

Source of Sample: PENNINGTON FARM ROUTE 144 Collector: B. Nixson
Street Town or City

Sample Type (Circle): Community Source Non-Community Distribution Private MCL Emergency Recheck Routine

Remarks: 10 81 2671

Field Data: County 13 Plant No. [] [] [] [] Sampling Station [] [] [] [] Date Collected 050288 Time 11 AM Acid Iced

pH* [] [] [] Chlorine Residual [] [] Free [] [] Total [] [] Specific Conductance [] [] [] [] [] []

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
	pH*	00403			Arsenic	01002	
	Alkalinity (Total)	00410			Barium	01007	
	pH*, Ca CO ₃ SAT.	70311			Cadmium	01027	
	Alkalinity, Ca CO ₃ SAT.	74023			Chromium	01034	
	Hardness	00900			Lead	01051	
	Ammonia-N	00608			Mercury	71900	
X	Nitrate-Nitrate N	00630	<u>130</u>		Selenium	01147	
	Nitrite N	00615			Silver	01077	
	MBAS	38260					
	Chloride	00940			Aluminum	01105	
	Fluoride	00951			Calcium	00916	
	Color*	00081			Copper	01042	
	Turbidity*	00076			Iron	01045	
	Conductance*, SPEC	00095			Magnesium	00927	
	Sulfate	00945			Manganese	01055	
	Total Solids	00500			Nickel	01067	
	Dissolved Solids	70300			Potassium	00937	
					Sodium	00929	
					Zinc	01092	

*Results reported in units, all others in milligrams per liter (ppm)

Date Received MAY 2 1988 Date Reported MAY 6 1988 Chemist DAVID A. SEVDALIAN