

03-292053

10/7
11/11/87
PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 40/66A 27915DISTRICT 3rdDATE 9/28/87DATE SYSTEM APPROVED 10/7/87INSPECTOR S. ALPFogle's Septic Service, Inc.IS PERMITTED TO INSTALL X ALTERADDRESS 6430 Woodbine Road, Woodbine, Maryland 21797 PHONE 795-5674SUBDIVISION Triadelphia Farms, II ROAD 13366 Triadelphia Road LOT 12CPROPERTY OWNER Samuel Ecker

ADDRESS

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

GARBAGE GRINDER? YES NO XSEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8½ feet below original grade. Effective area begins at 4 feet below original grade. 4½ feet of stone below distribution pipe.

LOCATION - Place the dry well 120 feet from the back lot line and 40 feet from the left side of the lot as seen when facing the lot from the front lot line. NOTE: The front lot line is the 404.80 ft long lot line on the southern end of the lot.

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

10/9/87 WPT- Press At 40" below grade - well line 40-44" below grade

INSPE WORK NOT COMPLETE

PLANS APPROVED BY Raymond Hodges DATE 3/08/83

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 TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

BLDG. PERMIT SIGNED

AND RETURNED

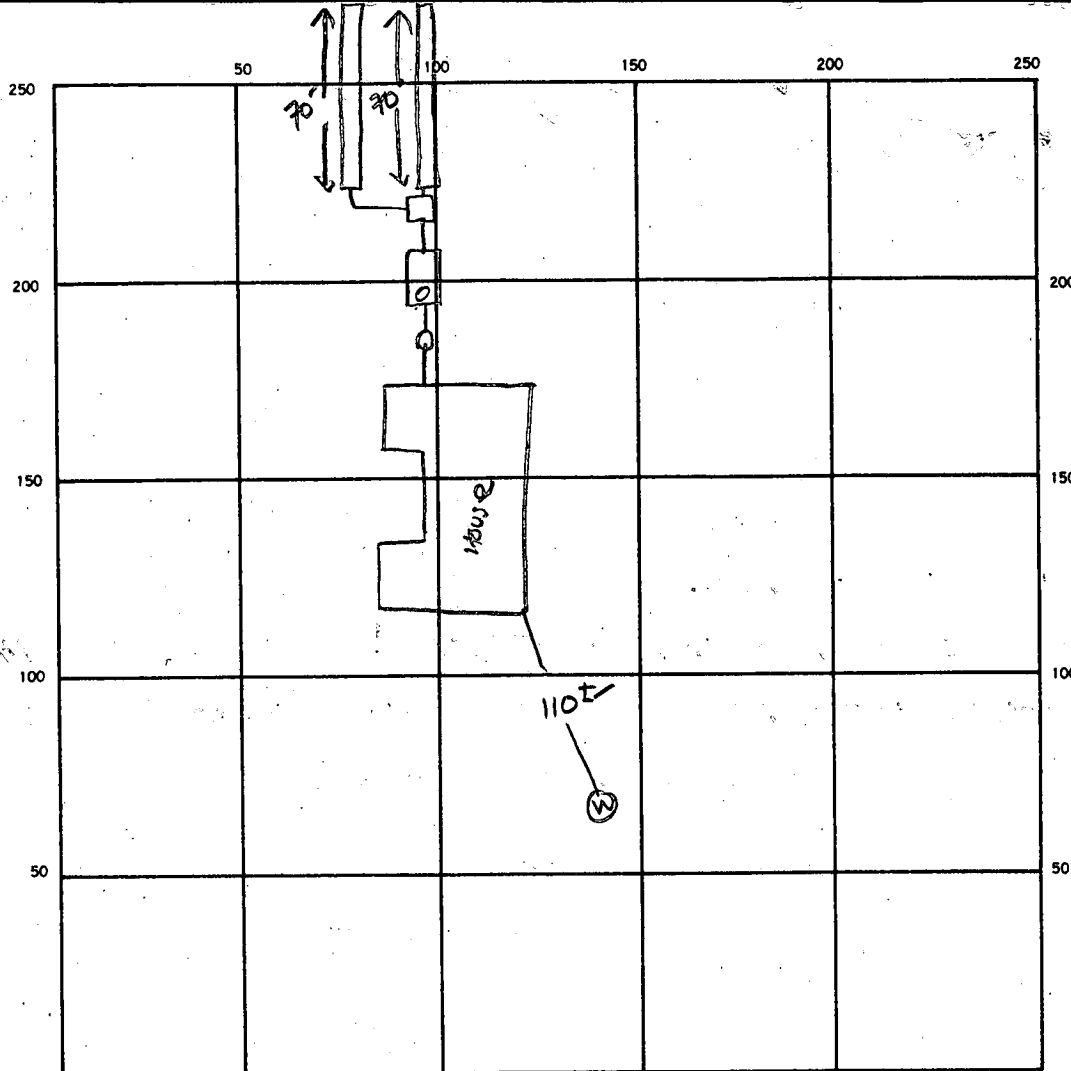
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 27915

2 145-
45 6300
45
180
160



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Philadelphia Rd

SEPTIC TANK LEVEL ✓ 1000 GAL CLEANOUTS ✓ ST + INLINE

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4.5 FT. TOTAL LENGTH ① 70 ② 70 TLF 140 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 630 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

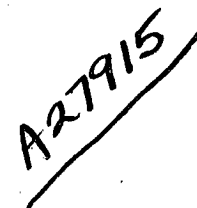
ABSORBENT AREA 630 SQ. FT.

REMARKS 10/6/87 OK TO ADD STONE SAND

10/7/87 OK TO CORK ALL WORK, S.M.

DATE SYSTEM APPROVED 10/7/87 INSPECTOR S. Abel

22.19



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/11/78	1D	12	137	147	147	204	17
	1S	3	137	138	139	139	1
	2D	12	141	146	146	156	10
	2S	2 1/2	141	144	144	148	4
	(3)S	4 1/2	155	225	little perc		
	3D	12 1/2	158	215	215	235	20
	4V	12 1/2	TOP 3 FT CLAY B 07 2 1/2 FT SAND				
5/11/78	3M	5 1/2	225	228	228	233	5
	2ED	13	PORE 058 D R 7		11027		

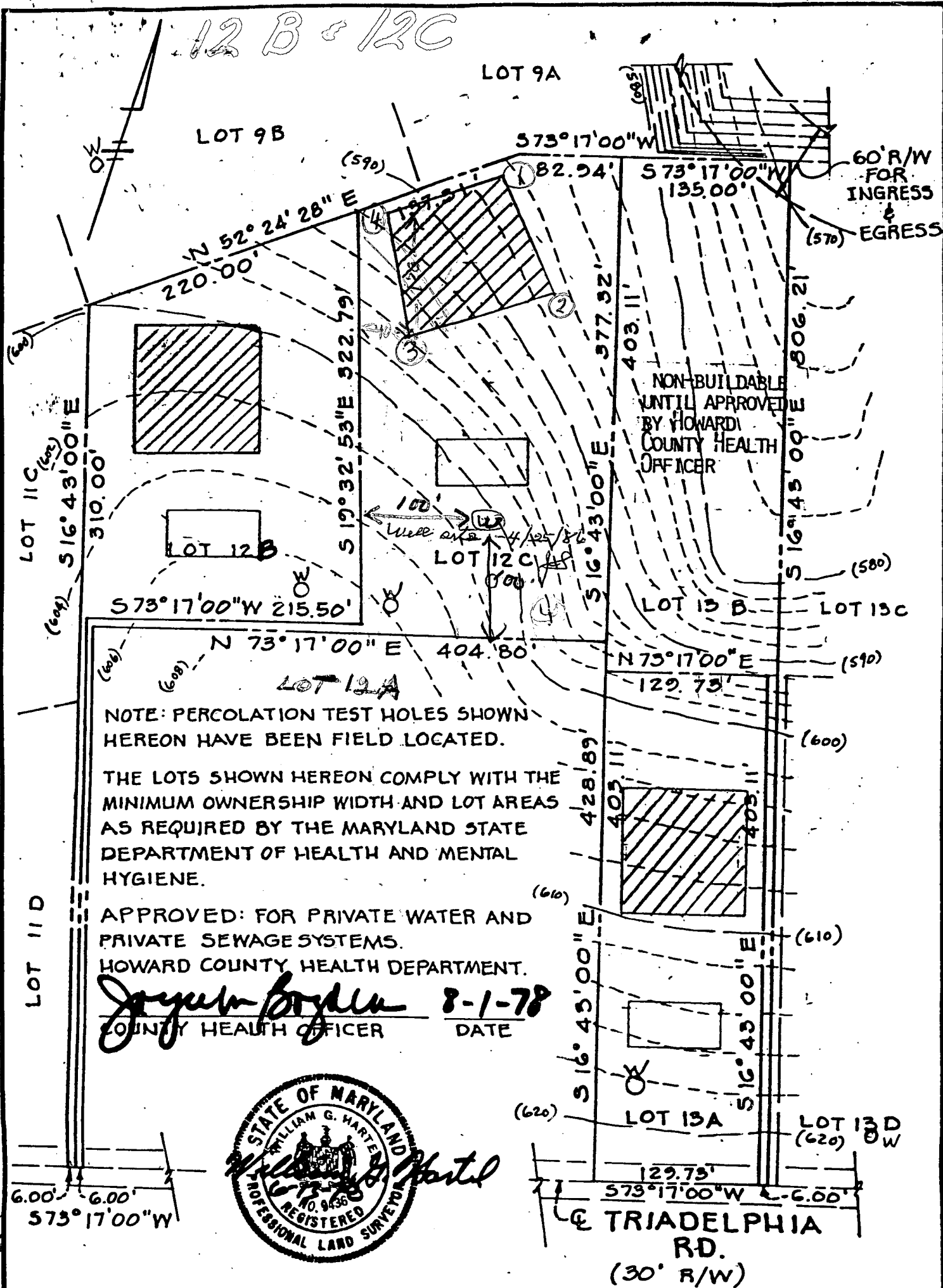
② HARD BOTTOM

TESTED BY

~~R/H~~

FYOC/K 8 CO

D. R. 457



TITLE PERCOLATION PLAT			
PROJECT LOTS 12 B - 12C - 13A TRIADDELPHIA FARMS II			
LOCATION 3 RD ELECTION DISTRICT		HOWARD CO., MD.	
DATE: 7/19/77	DESIGN BY: W.H.N.	DRAWN BY: W.H.N.	CHECKED BY: <i>J.B.</i> D.R.
SCALE: 1" = 100'	JOB NO.: 77102	DRAWING NO.: 1 OF 1	
boender associates		engineers surveyors planners	
BALTIMORE 301-465-7777 • SALISBURY 301-749-1286			

13366 TRIADELPHIA ROAD

TRIADELPHIA FARMS II

LOT 12C

BUILDING PERMIT # 12989

OR'D 7/11/87
B.W.

ORIGINAL Elev. at Time of Rec 595.0'

EXISTING Elev. 594.0'

Drywell Inlet Elev. 590.0'
(TRENCH)

322.79
DISTRIBUTION BOX Elev. 590.60
INVERT Elev. (OUT OF) SEPTIC TANK 591.50
45'

INVERT Elev. (INTO) SEPTIC TANK 591.75

INVERT Elev. (OUT OF HOUSE) 592.17

EXIST. Elev. AT
SEPTIC TANK
Elev.

HOUSE
FIRST FLOOR Elev. 600.0'
BASEMENT Elev. 591.0'
36'
82'

SEWAGE
DISPOSAL
EASEMENT

TRENCH LENGTH
SUFFICIENT
FOR 3 BEDROOM
NO GARBAGE

7/11/87

B.W.

WATER WELL ✓

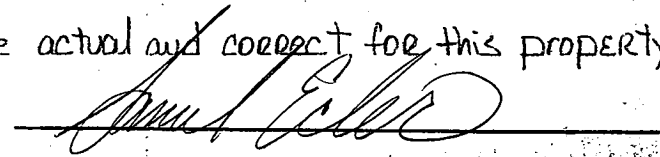
EXIST. Elev. 595.0'

HO-81-1437

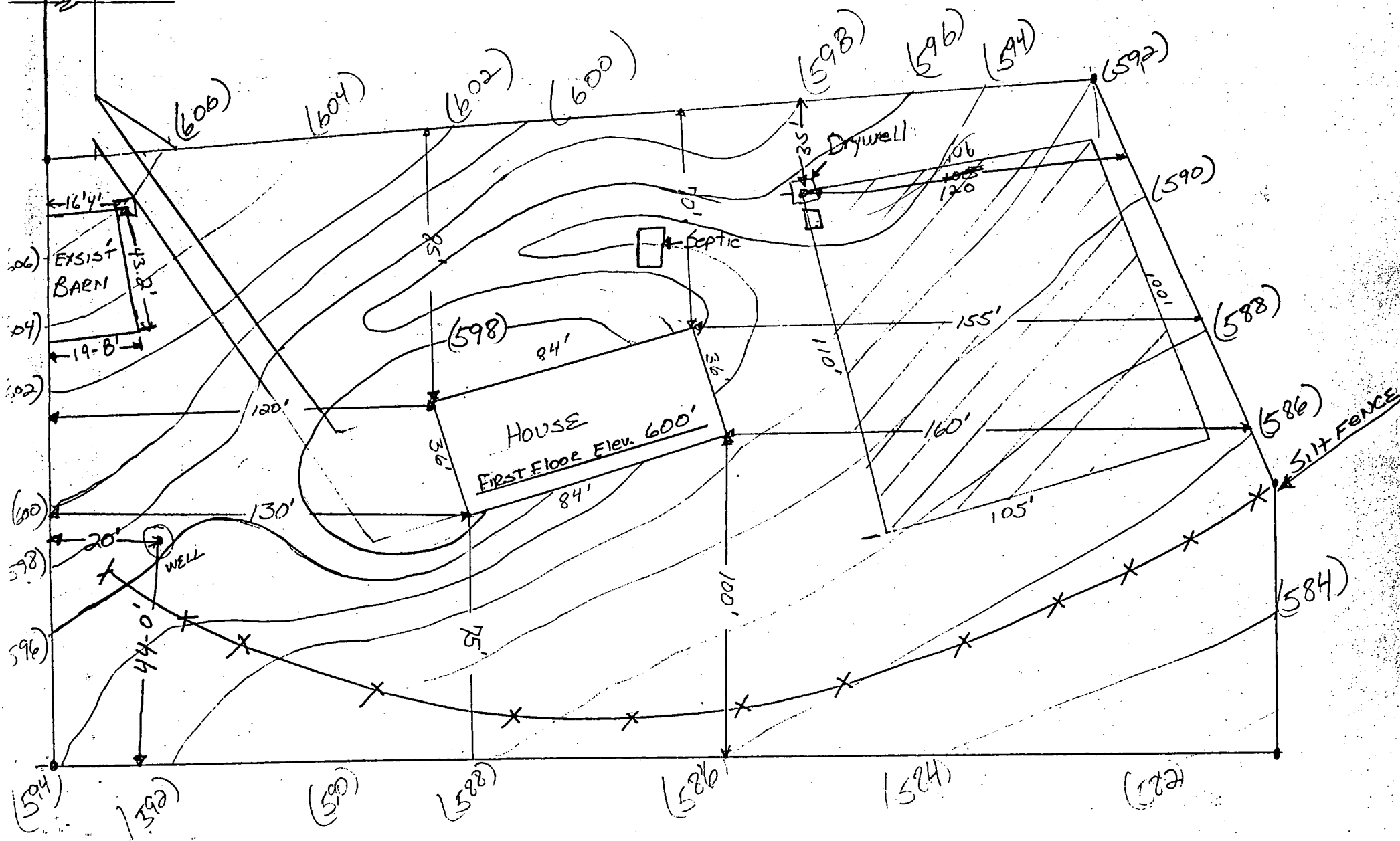
377.32'

I CERTIFY the ABOVE MEASUREMENTS AND ELEVATIONS are actual and correct for this property

SIGNED:



Driveway



B 1 5879

SEQUENCE NO.
(OEP USE ONLY)STATE OF MARYLAND
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-1437

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

please print or type

fill in this form completely

Date Received

040780

OWNER INFORMATION

BURNS ADRIAN

3040 POWDER MILL RD

ADELPHI MD 20783

DRILLER INFORMATION

Sandy B. Cochran 120

G EDGAR HARR SONS CORP.

12047 FALLS RD. COLLEYSVILLE 21030

Sandy B. Cochran 4-2-86

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

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 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- ☒ BORED (or Augered) ☐ JETTED ☐ Jetted & ☐ DRIVEN
- ☐ AIR-ROTARY ☒ AIR-PERCUSION ☐ 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 DEEPEMED AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER _____

FORCE 45 WRITE INITIALS IN BOX PERMIT No. 40-81-1437

SPECIAL CONDITIONS

LOCATION OF WELL

HOWARD

TRIADDELPHIA FARMS TR

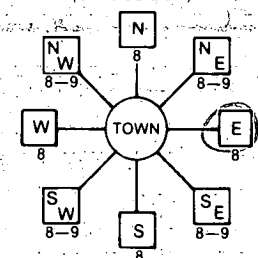
SECTION C LOT 12

SLENELG

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

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



TRIADDELPHIA ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 100

ENTER FT or MI FT

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME

A27915

COUNTY NO.

OEP

SIGNATURE

STATE HEALTH

INSERT S

DATE ISSUED

042586 J Stenger 10/25/86

NORTH GRID 522000

EAST GRID 0806000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1.

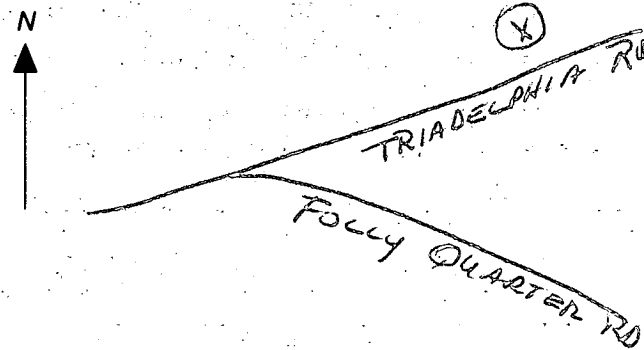
2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

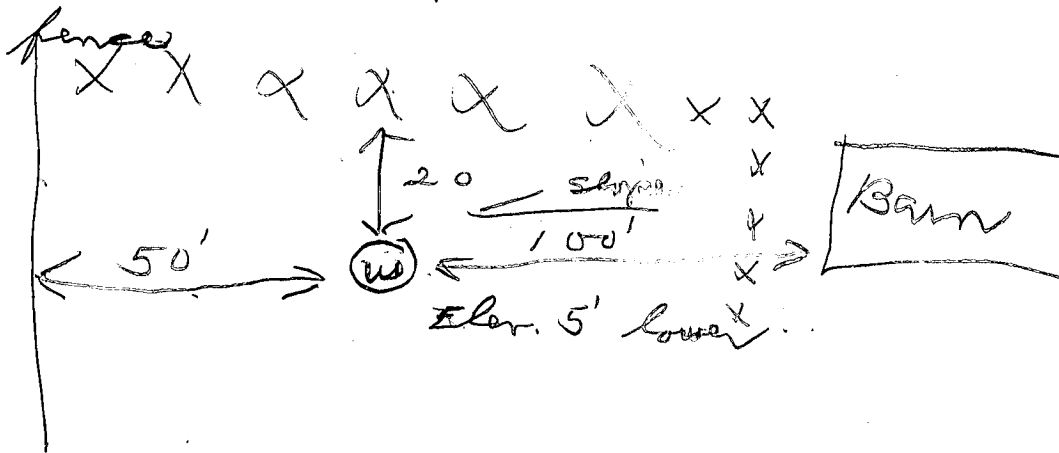
E 8006
N 5202

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



TIME (in 15 minute in- tervals	WATER LEVEL below M.P.	PUMPING RATE time to fill $\frac{1}{2}$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1.0:00	86' 5"	9 sec		8 6.6 gpm
Location of well incorrect				
Recommend <u>not</u> appearing 6-19-86 JS				
(see back)				
INSPECTION 6/25/86				
WELL IS DOWNHILL FROM BARN, BUT 100' AWAY.				
WELL ON ADJACENT LOT IN SIMILAR POSITION HAS NO				
HISTORY OF CONTAMINATION PROBLEM, LOCATION APPROVED.				
6/25/86 C. W. L. H.				
LOW NITRATE 1.7				

Tria. Rd



FIELD DATA SHEET

HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81 - 1437

Location of property (road) Tradelphia Rd

Subdivision Triadelphia Farms II Lot 12 C Block Plat Sec.

Well Driller G. Edgar Harn Owner Adrian Ryman

Distance of measuring point (M.P.) above ground 24'

Distance of measuring point (M.P.) above ground 24"

Static water level (S.W.L.) below M.P. 29'

∴ High rate pumping -- reservoir drawdown

Time pump started 0730

Pumping rate 11.0

Total time 15 to reach pumping water level 90' ft. below M.P.

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

[illegible]

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

October 18, 1988

Mr. Samuel T. Ecker
13366 Triadelphia Road
Ellicott City, Maryland 21043

RE: Triadelphia Farms II, Lot 12C
13366 Triadelphia Road
Well Permit #HO-81-1437

Dear Mr. Ecker:

This is to advise you that the septic system was installed, inspected and approved on October 7, 1987.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under permit(s) HO-81-1437.

Date of Final Sampling
July 26, 1988

Date of Acceptance
July 26, 1988

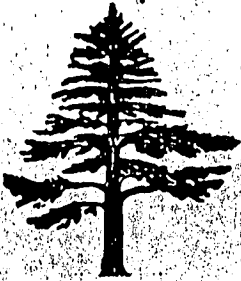
Jane E. Nadeau
Jane E. Nadeau, Sanitarian
Water and Sewerage Program

Water Sample Dates: 11/27/87
7/26/88

JEN:hs

(301) 848-4080

(301) 876-8040

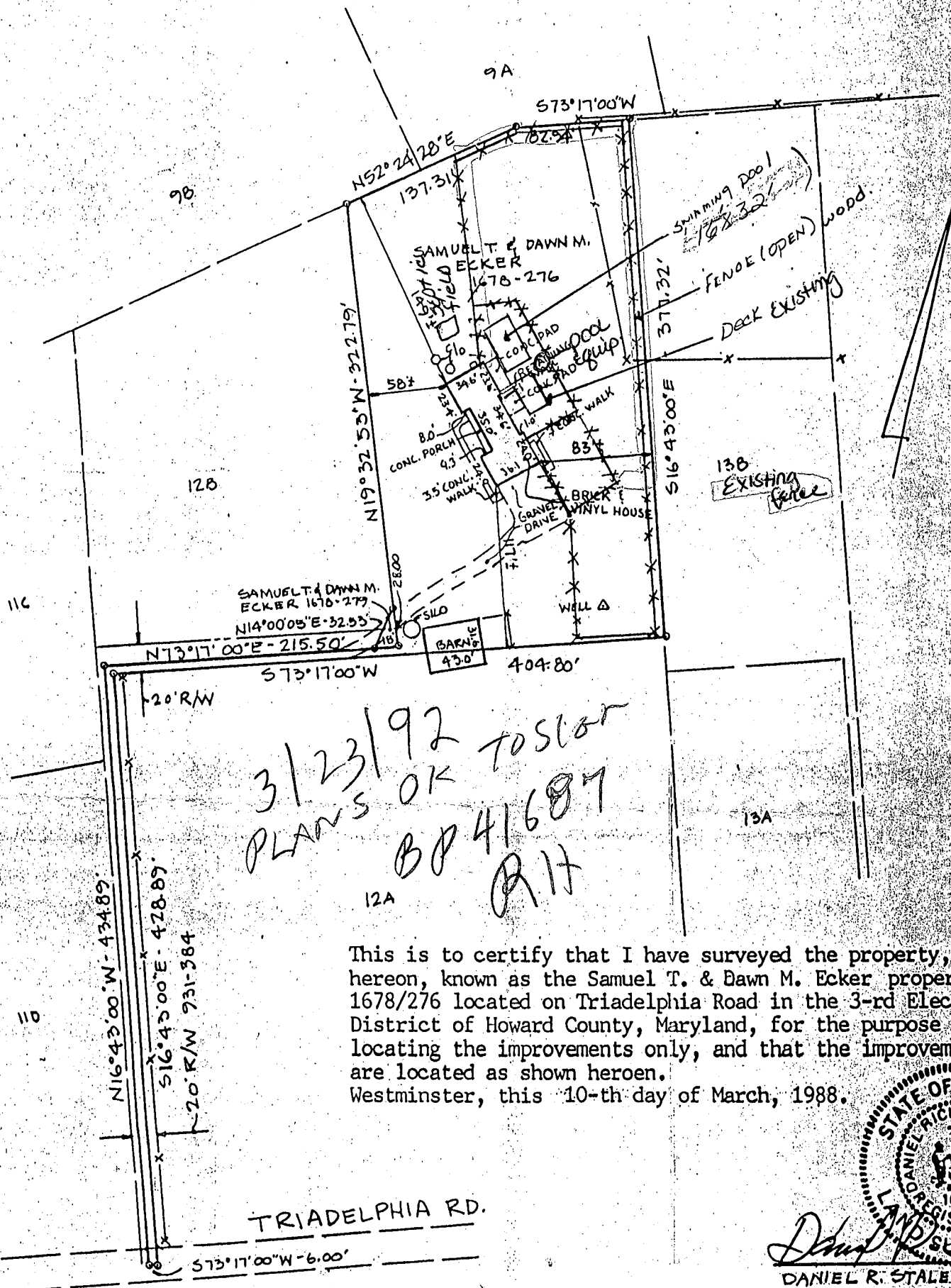


- SURVEYING
- LAND PLANNING
- CIVIL ENGINEERING

D.R.S. & ASSOCIATES

52 WINTERS STREET., WESTMINSTER, MD 21157

Howard County



This is to certify that I have surveyed the property, shown hereon, known as the Samuel T. & Dawn M. Ecker property, 1678/276 located on Triadelphia Road in the 3-rd Election District of Howard County, Maryland, for the purpose of locating the improvements only, and that the improvements are located as shown hereon.
Westminster, this 10-th day of March, 1988.



Daniel R. Staley 10735

SCALE: 1" = 100'