

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT _____

INDEX

DATE May 19, 1982

Olen Ketterman

IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 14960 Frederick Road, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Triadelphia Farms ROAD Triadelphia Rd. LOT 4D

PROPERTY OWNER John Hutton

ADDRESS _____

SPECIFICATIONS

SEPTIC TANK CAPACITY _____ GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH X DEPTH 10 1/2 FEET, BOTTOM AREA 460 SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 30 FT. FROM front LOT LINE AND 30 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM the front lot line.

PLANS APPROVED BY Raymond Hodges/Frank Skinner DATE May 19, 1982

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

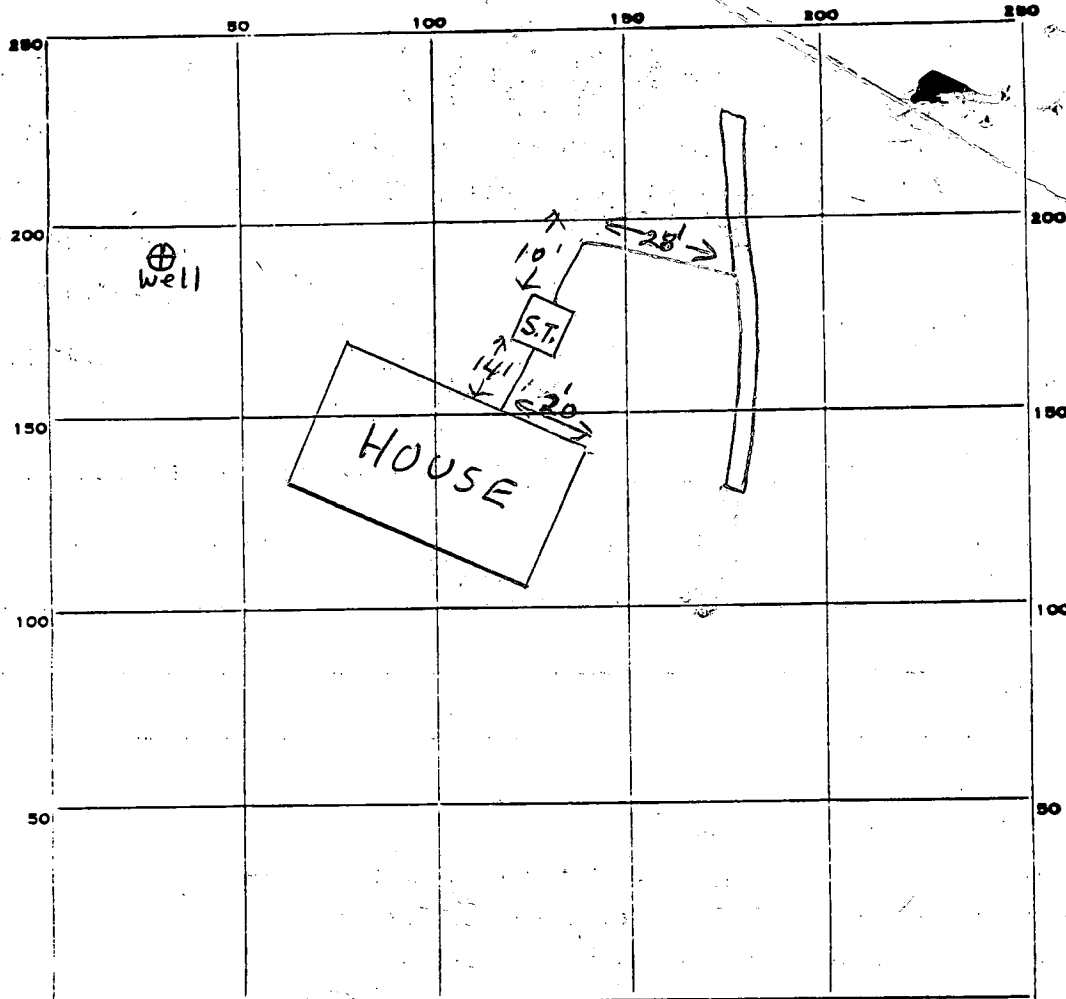
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

BLDG. PERMIT SIGNED
AND RETURNED 6/13/84

Serial # 59332
Woodchuck

EH-2-1079



INDICATE NORTH: NAME ADJOINING ROADWAY AS BASE LINE.

Private Road → to Triadelphia Rd

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 10 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 IN. TOTAL LENGTH 80 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 480

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 480 SQ. FT.

REMARKS 5/20/82 OK to cover all work J & CW

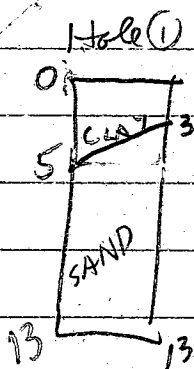
DATE SYSTEM APPROVED

5/20/82

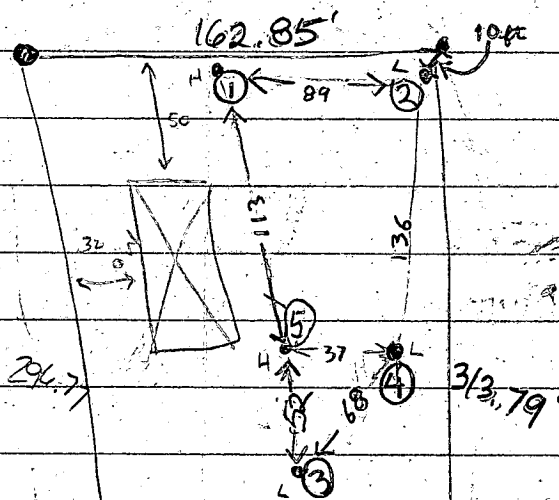
INSPECTOR

Stayer

TRIDELPHIA FARMS Lot 4D



4D



A29618

Lot 4D

Date	#	Depth	Start	Stop	Start	Stop	Time	Remarks
3/8/79	1S	5	146	206	206	230	little per	HIGHEST
3/8/79	1D	12	146	149	149	154	5	
	2S	4	151	153	153	156	3	LOW
	2D	12 1/2	151	202	202	214	12	
	3D	13	216	218	218	221	3	LOWEST
	3S	4	216	219	219	224	5	
	4V	11	ALL SAND DRY					
	5V	10	ALL SAND DRY					
	1M	6	243	246	246	251	5	HIGH
	1ED	13	SEE SOIL PROFILE					

* HOLE ① - 5 FT TOP CLAY LAYER ON ONE SIDE OF HOLE
3 FT CLAY LAYER ON TOP
OTHER SIDE OF HOLE TEST R. HODGES

NOT RATED 3/8/79

PARENT DENNY & DEURA

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
DEPUTY STATE AND
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH
3716 COURT PLACE
ELLCOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

May 5, 1980

TO WHOM IT MAY CONCERN:

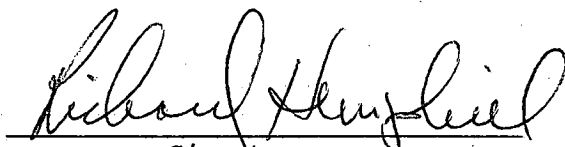
RE: Triadelphia Farms
Lot 4D

I understand this plat will be approved by the Howard County Health Department though there are several discrepancies which we will acknowledge.

The discrepancies are the two rear holes shown on the plat are in fact beyond the rear lot line.

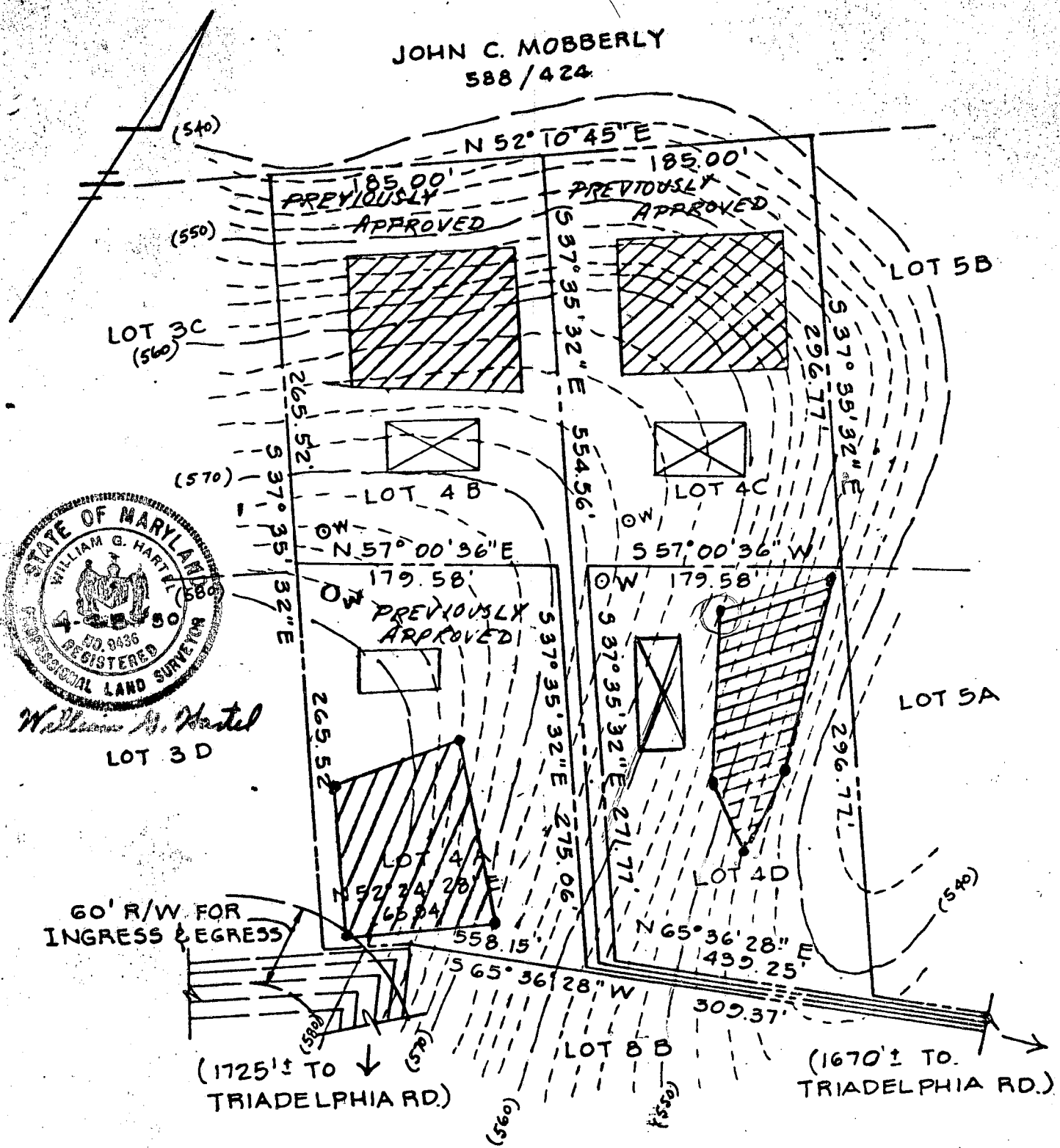
We have been informed it will not be necessary to redig these holes because of their proximity to the lot lines.

The reason the plat has not been changed is that the engineer who prepared this plat is no longer employed by the developer, Richard Hemphill.


Signature

FILE BALTIMORE 10 8133 ALBANY 8-77 MC2230

JOHN C. MOBBERLY
588 / 424



William G. Hartel
LOT 3 D

APPROVED: FOR PRIVATE WATER AND
PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT.

Joseph Boyd
COUNTY HEALTH OFFICER

5-5-80
DATE

NOTE: PERCOLATION TEST HOLES SHOWN
HEREON HAVE BEEN FIELD LOCATED,
AND ARE SHOWN AS •
THE LOTS SHOWN HEREON COMPLY WITH THE
MINIMUM OWNERSHIP WIDTH AND LOT AREAS
AS REQUIRED BY THE MARYLAND STATE
DEPARTMENT OF HEALTH AND MENTAL
HYGIENE.

TITLE PERCOLATION PLAT LOT 4D			
PROJECT LOTS 3A, 3B, 4C, 4D TRIADELPHIA FARMS II			
LOCATION 3RD ELECTION DISTRICT HOWARD CO., MD.			
DATE: 7/19/77	DESIGN BY: W.H.N.	DRAWN BY: W.H.N.	CHECKED BY: D.R.
SCALE: 1" = 100'	JOB NO.: 77 102 228	DRAWING NO.: 1 OF 1	

boender associates

engineers
surveyors
planners

C14833SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
30 DAYS AFTER WELL IS COMPLETED
COUNTY NUMBERA29618

Date Received (WRA use only)2/26/81DATE WELL COMPLETED

Depth of Well350(TO NEAREST FOOT)

PERMIT NO. 10-75-3763

OWNERlast nameJohnfirst nameJohnSTREET-OR RFD7042, Knighthood LaneTOWNColumbia21045SUBDIVISIONTwin Lakes FarmsSECTIONLOT4D

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	8
Brown Sandstone	8	35
Brown Mica	35	70
Brown Sandstone	70	80
Blue Mica	80	320
Blue Mica mixed with Flint	320	322
Blue Mica	322	350

WELL HAS BEEN GROUTED (Circle Appropriate Box)YESYNONN

TYPE OF GROUTING MATERIALCEMENTCMBENTONITE CLAYBC

NO. OF BAGS8NO. OF POUNDS752

GALLONS OF WATER48

DEPTH OF GROUT SEAL (to nearest foot)from 48 TOPft. to 40ft. BOTTOM 58ft. (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

STSTEELCOCONCRETEPLPLASTICOTOTHER

MAIN CASING TYPENominal diameter top(main) casing (nearest inch)Total depth of main casing (nearest foot)

ST643

OTHER CASING (if used) diameter inchdepth (feet) fromto

SCREEN RECORD

screen type or open hole insert appropriate code below

STSTEELBRBRASSHOOPEN HOLEPLPLASTICOTOTHER

DEPTH (nearest ft.)

HO0350

C3seq no123456

PUMPING TEST

HOURS PUMPED (nearest hour)6

PUMPING RATE (gal. per min. to nearest gal.)6

METHOD USED TO MEASURE PUMPING RATEBucket

WATER LEVEL (distance from land surface) BEFORE PUMPING40

WHEN PUMPING350

TYPE OF PUMP USED (for test)AairPpistonTturbineCcentrifugalRrotaryOother (describe below)JjetSsubmersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)YESYNONN

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)aboveLAND SURFACEbelow(nearest foot)

CIRCLE APPROPRIATE BOX

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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 308

DRILLERS SIGNATURE

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

C2seq no123456

DEPTH (nearest ft.)

HO0350

SLOT SIZE

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOXF

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

W Q

TELESCOPE CASING

LOG INDICATOR

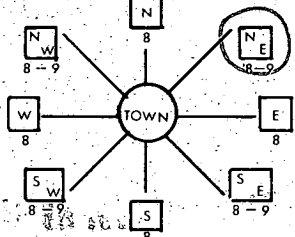
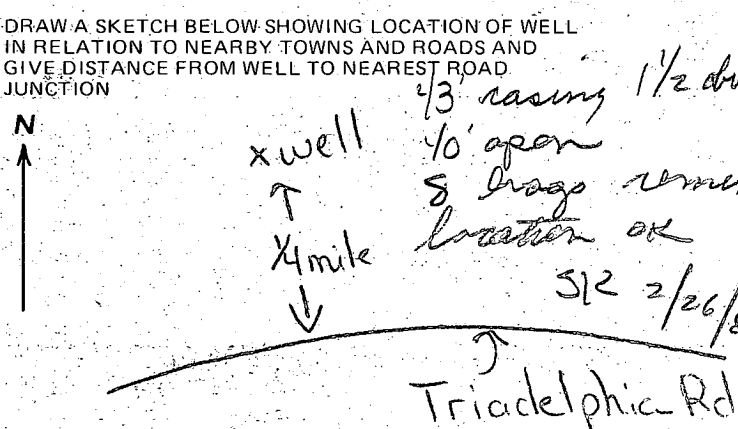
OTHER DATA

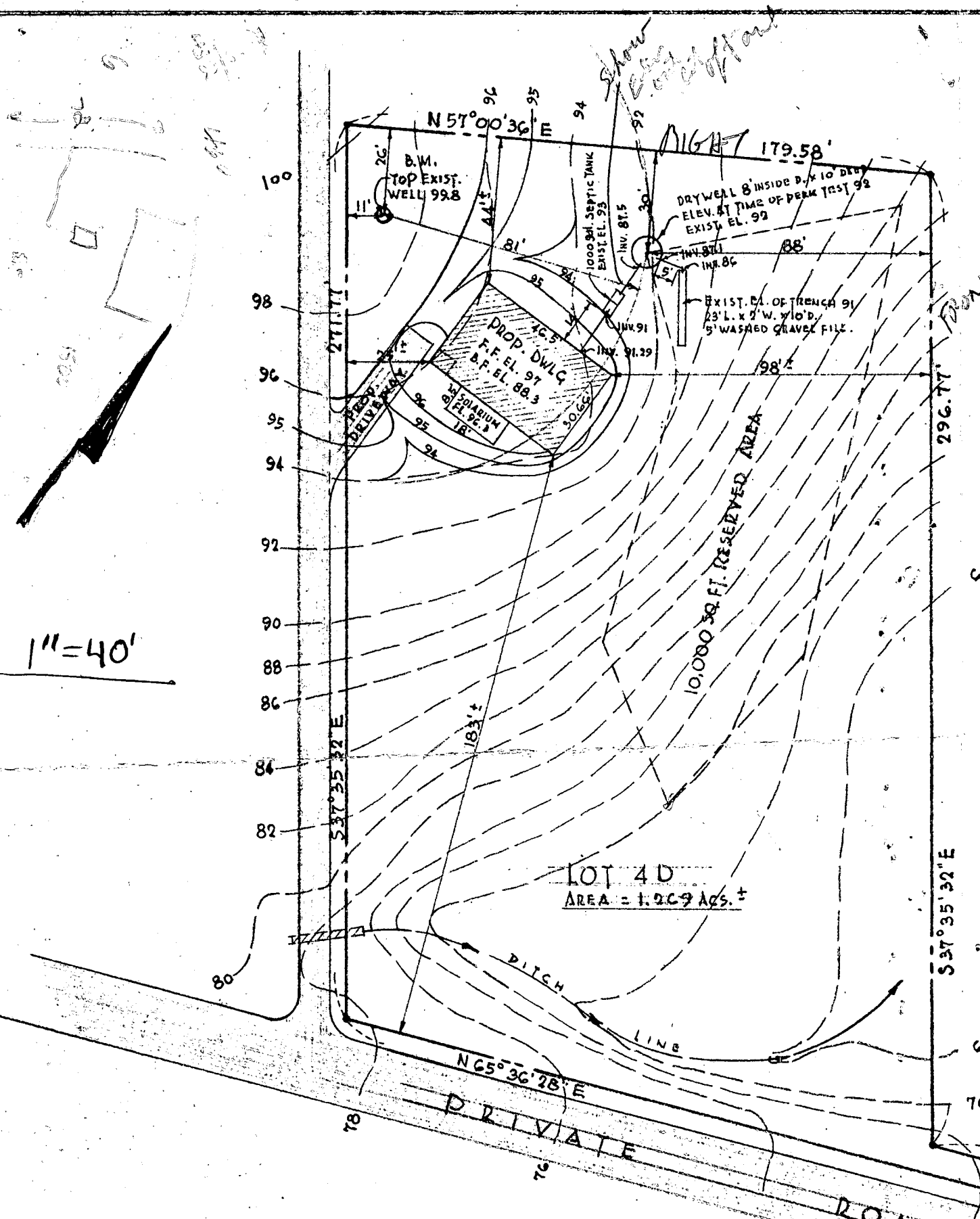
LOCATION OF WELL ON LOT

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

WELL 35'

40' House

B 1 1422 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. WRA USE ONLY STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL <i>please print or type</i>	WRA PERMIT NUMBER HO-73-3763 <i>fill in this form completely</i>
DATE RECEIVED <u>11-21-80</u> 8 (WRA USE ONLY) 13 OWNER INFORMATION LAST NAME <u>Hutton</u> OWNER <u>John</u> FIRST NAME <u>7042 Knighthood Lane</u> STREET OR RFD <u>Columbia MD 21045</u> TOWN STATE ZIP		B 3 LOCATION OF WELL COUNTY <u>Howard</u> SUBDIVISION <u>Triadelphia Farms II</u> SECTION <u>44</u> LOT <u>4-D</u> NEAREST TOWN <u>Glenelg</u> MILES FROM TOWN (enter 0 if in town) <u>1 1/2</u> MI
B 1 CONTINUED DRILLER INFORMATION DRILLER'S NAME <u>Stanley W Bollinger Jr</u> 308 77 LICENSE NO. 80 SIGNATURE <u>Stanley W. Bollinger Jr</u> DATE <u>11/19/80</u>		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>750</u>		NEAR WHAT ROAD <u>Triadelphia</u> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST W EAST E SOUTH S NORTH N DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) <u>4</u> FT
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)		SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX X WRITE THE BOX NUMBER FROM THE MAP HERE 800 520
APPROXIMATE DEPTH OF WELL <u>165</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> INCH Method of Drilling (circle one) BORED (OR AUGERED) ☐ JETTED ☒ JETTED & DRIVEN AIR ROTARY ☐ AIR PERCUSSION ☒ ROTARY (HYDRAULIC) ☐ CABLE ☐ REVERSE ROTARY ☐ DRIVE POINT ☐ other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 
REPLACEMENT OR DEEPEENED 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 DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) _____		B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME <u>Howard</u> COUNTY NO. <u>A29618</u> EHA SIGNATURE <u>Fred Frommelt, Sanitarian</u> STATE HEALTH CIRCLE BOX S MO - DAY - YR <u>12-03-80</u> CO. SIGNATURE _____ DATE _____ NORTH <u>525</u> EAST <u>0267</u> ELEV. (FT.) _____ GRID 50 55 GRID 57 63 65 68
Not to be filled in by driller. (WRA-USE ONLY) APPROP. PERMIT NUMBER <u>GAP</u> FORCE <u>67</u> INITIALS <u>68</u> CONDITIONS <u>69</u> SPECIAL CONDITIONS (WRA USE ONLY) _____		HEALTH



PROPERTY OF
 MR & MRS. JOHN HUTTON
 "TRIDELPHIA FARMS II"
 LOT 4D
 3RD ELECT DIST, HOWARD CO., MD.
 BOOK 1036, PAGE 600

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.
 SIGNED: *J. H. Hutton*

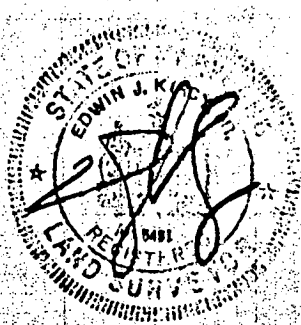
NOTE: THIS PLAT CAN NOT BE USED TO ESTABLISH LOT LINES

CERTIFICATION

SEAL

FIRM

"THIS PLAT SHOWS THAT (1) THE IMPROVEMENTS ARE LOCATED AS INDICATED WITHIN OR ON THE PERIMETER OF THE PROPERTY, (2) THERE ARE NO ENCROACHMENTS OF EXISTING IMPROVEMENTS LOCATED ON SAID LAND ONTO ANY EASEMENT THEREON NOR ONTO ANY ADJOINING LAND AND (3) THERE ARE NO ENCROACHMENTS ONTO SAID LAND OF EXISTING IMPROVEMENTS LOCATED ON ADJOINING LAND."



EDWIN J. KIRBY & ASSOC.
22 N. COURT STREET
WESTMINSTER, MD. 21157

SCALE: 1" = 40' DATE 3/10/82

