

approved 5/27/84
Stager

5/24/84

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

P 33883

A 29051

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

05-391555
INDEX

ELLICOTT CITY
DISTRICT 5th.

DATE 5/15/84

Jack Fyock, Jr. IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Triadelphia Mill Farms ROAD 13931 Hallowell Court LOT 4, Sec. 1, Area 2

PROPERTY OWNER Willson Development Corp.
P. O. Box 41

ADDRESS Sandy Spring, Maryland 20160

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

GARBAGE GRINDER? YES X NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - Trench to be 2 feet wide, Inlet 3 feet below original grade. Bottom maximum depth 9½ feet below original grade. Effective area begins at 3 feet below original grade. 6½ feet of stone below distribution pipe. LOCATION: Start the trench 145 feet from the front lot line and 100 feet from the left sideline as seen when facing the lot from Hallowell Court. Continue to dig the trench on level ground the necessary distance. Call for two inspections - before and after stone is installed.

PLANS APPROVED BY Frank Skinner DATE 1/25/84

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.

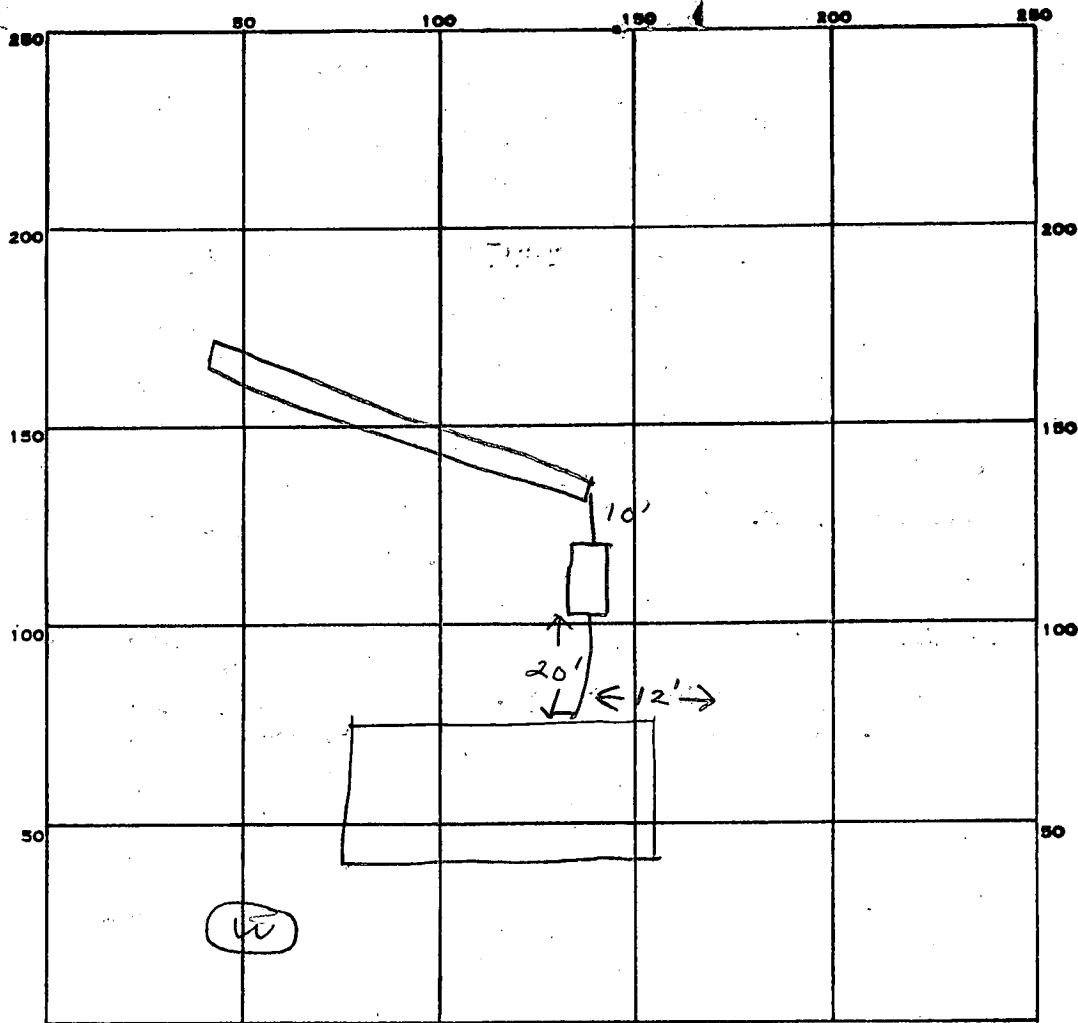
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29651



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Hallowell CT

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

1500 gal

CLEANOUTS _____

5T
L

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____

9

FT.

TRENCH WIDTH _____

2

FT.

GRAVEL DEPTH _____

6

IN.

TOTAL LENGTH _____

100

FT.

NUMBER OF TRENCHES _____

1

TOTAL BOTTOM AREA _____

600

SEEPAGE PITS, INSIDE DIAMETER _____

FT.

DEPTH BELOW INLET _____

FT.

ABSORBENT AREA _____

600

SQ. FT.

REMARKS _____

5/24/84 OK to add stone in trench of
5/24/84 OK to cover all work of

DATE SYSTEM APPROVED _____

5/24/84

INSPECTOR _____

Stayer

SUBDIVISION: Triadelphia Mill Farms
Sec. 1, area 2LOT NUMBER: 4DRY WELL OR DRY WELL AND TRENCH

		<u>125</u> sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	<u>375</u>
4 bedroom	1250 gallon	<u>500</u>
5 bedroom	1500 gallon	

Inlet 3 feet below original grade.Bottom maximum depth 9 1/2 feet below original grade.Effective area begins at 3 feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with 6 1/2 feet of stone below distribution pipe.

3 Bedroom with garbage grinder TRENCHES193
158 sq. ft./bedroomTrench to be 2 ft. wide.Inlet 3 feet below original grade.Bottom maximum depth 9 1/2 feet below original grade.Effective area begins at 3 feet below original grade.6 1/2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: Start the trench or place the drywell 145 ft
from the front lot line and 100 ft. from the left side line
as seen when facing the lot from Hollowell Court. Continue to dig
the trench on level ground the necessary distance.

APPLICATION

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: 992-2330

A 29051

P _____

DISTRICT 5th

DATE 10/16/78

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 Triadelphia Mill Farms Partnership
c/o Richard Hallowell P.O. Box 41
ADDRESS Sandy Spring, Md. 20860 Sandy Spring, Md PHONE 924-2767
206-2988
20160

PROPERTY LOCATION:

SUBDIVISION Triadelphia Mill Farms LOT NO. Lot 4
13931 Hallowell Court
ROAD AND DESCRIPTION North and South side of Triadelphia Mill Road - 1,500 feet East of
Greenbridge Road, Dayton, Md.

SIZE OF LOT 4.5 acres TYPE BLDG. 4 bedrooms
(NUMBER OF BEDROOMS)

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. /s/ Richard Hallowell

(SIGNATURE OF APPLICANT)

APPROVED BY F. Shinn FOR drywell +/or trenches DATE 1/25/84

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

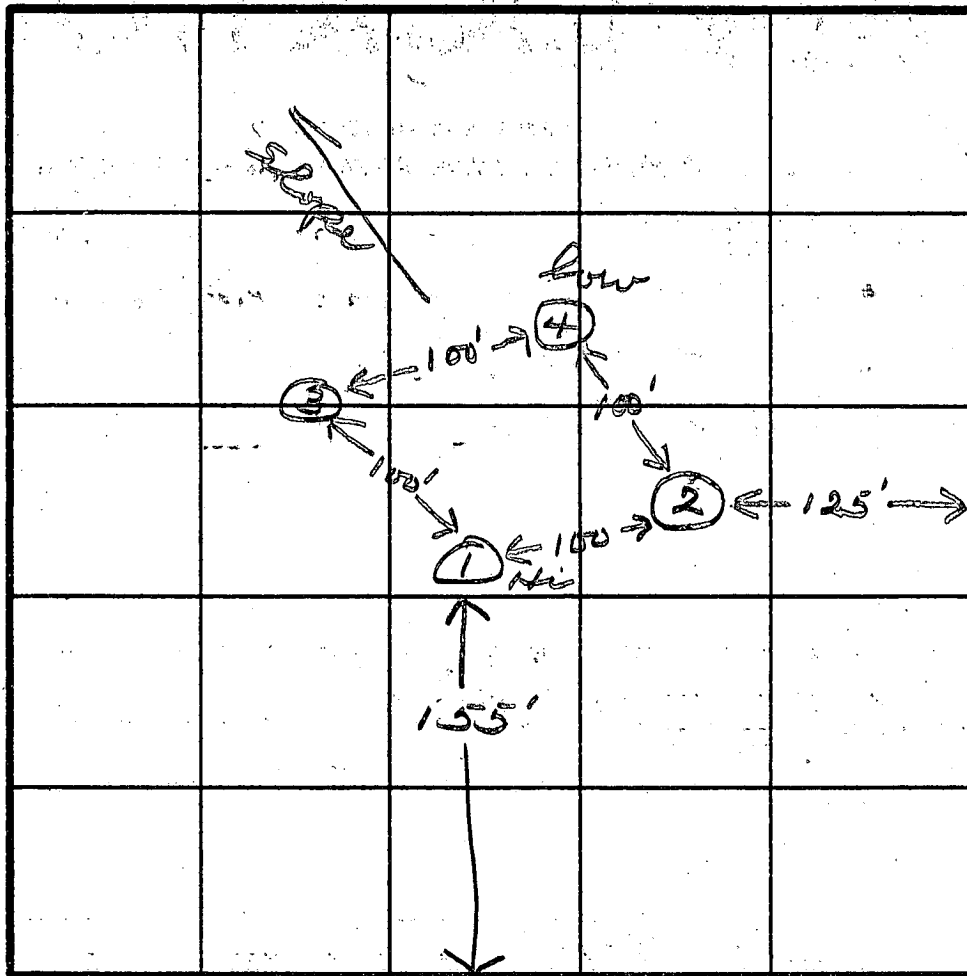
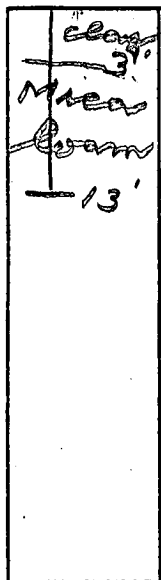
BLDG. PERMIT SIGNED

AND RETURNED 3/21/84
Serial # 58063 SED

THIS IS NOT A PERMIT

all

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/17/83	1 S (13')	3 7	9:40 9:40	9:47 9:43	9:47 9:43	10:08 9:45	13 2
	2 V	13					
	3 S (12 1/2')	3 7	9:50 9:51	9:55 9:54	9:55 9:54	10:05 9:58	10 4
	4 S	3 13'	10:08	10:12	10:12	10:16	4

REMARKS

Hold for certypas holes

TYPE OF SOIL

TESTED BY

JS

ALSO PRESENT

Eyer

APPLICATION

A 29051

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESP. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356DISTRICT 5thDATE 10/16/78

? Nonbuildable
{ Drainage }
Easement
This piece
area
on final plat

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 Tridelphia Mill Farms PartnershipADDRESS @ Richard Hallowell
Sandy Spring, Md. 20860PHONE 286-2988

PROPERTY LOCATION:

(?) Platt P. 79-26
Nonbuildable at this date

SUBDIVISION Tridelphia Mill FarmsLOT NO. 4 - Sheet 1ROAD AND DESCRIPTION On N & S sides of Tridelphia Mill Rd 1,500' E of
Greenbridge Rd, DaytonSIZE OF LOT 4.5 acres TYPE BLDG. 4 bedrm, single
family dwg.

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 Richard HallowellAPPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)HOLD PENDING FURTHER TESTS F. Skinner DATE 7/20/81REASONS FOR REJECTION OR HOLDING to be tested with area removed from drawing, easement

THIS IS NOT A PERMIT

Field Speed
Test
Trotter
Stable

To Unnamed Court →



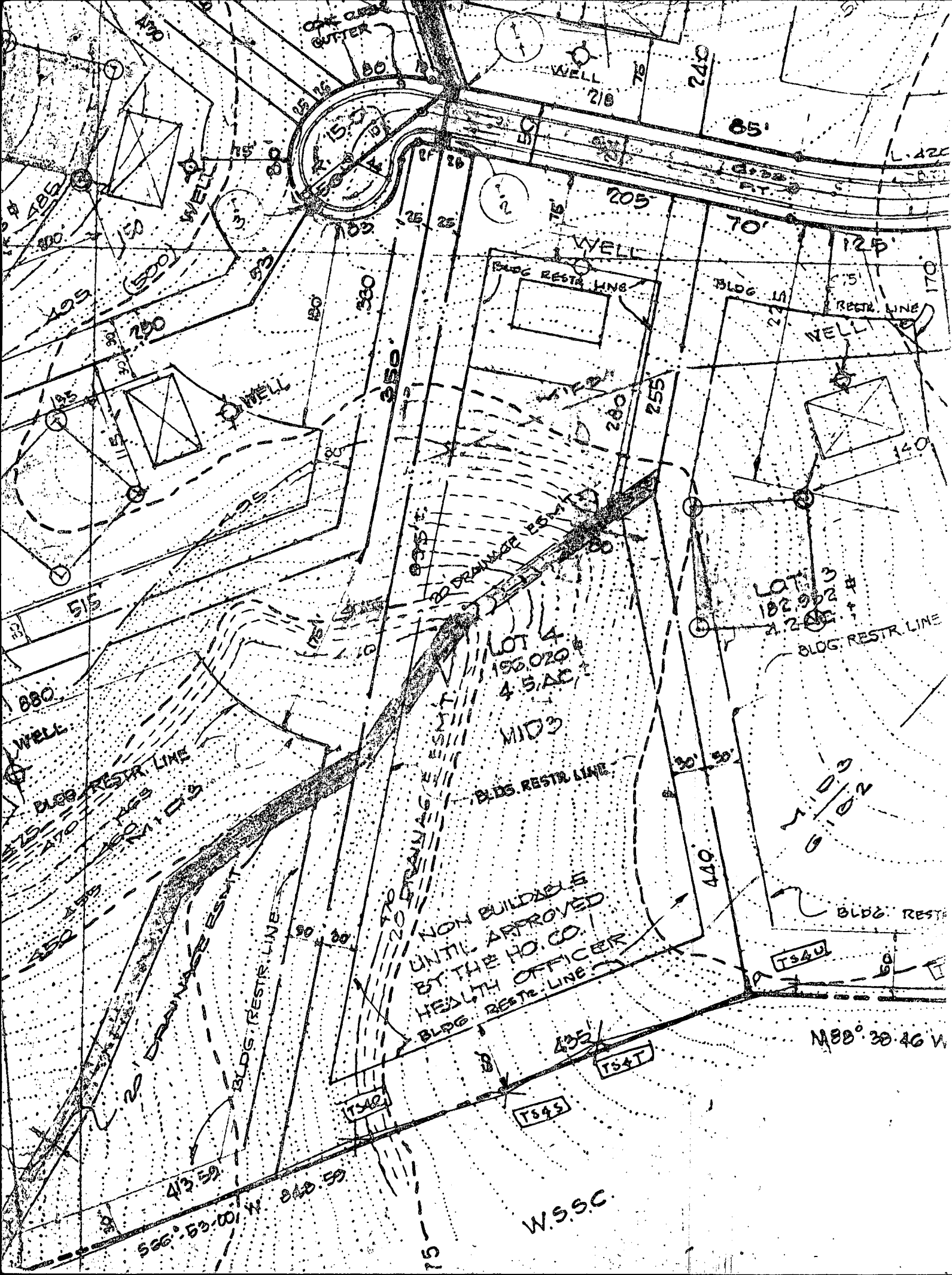
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/14/78	1	3 1/2'	1:15	1:16	1:16	1:19 ^{cut}	3 ~
Use	2	12 p'	1:15	1:19	1:19	1:26	7 ~
or	3	4'	1:17	1:18	1:18	1:20	2 ~
Use	4	12 1/2'	1:17	1:18	1:18	1:22	4 ~
	5	3 1/2'	1:28	1:29	1:29	1:30	1 ~
	6	12 p'	1:25	1:27	1:27	1:33	6 ~
	7	3 1/2'	1:36	1:38	1:38	1:40	2 ~
	8	12.'	1:36	1:38	1:38	1:41	3 ~
	9	3 1/2' - 11 1/2'	Visual		Misc.	28	28

1200 / B.K.

3 1/2'

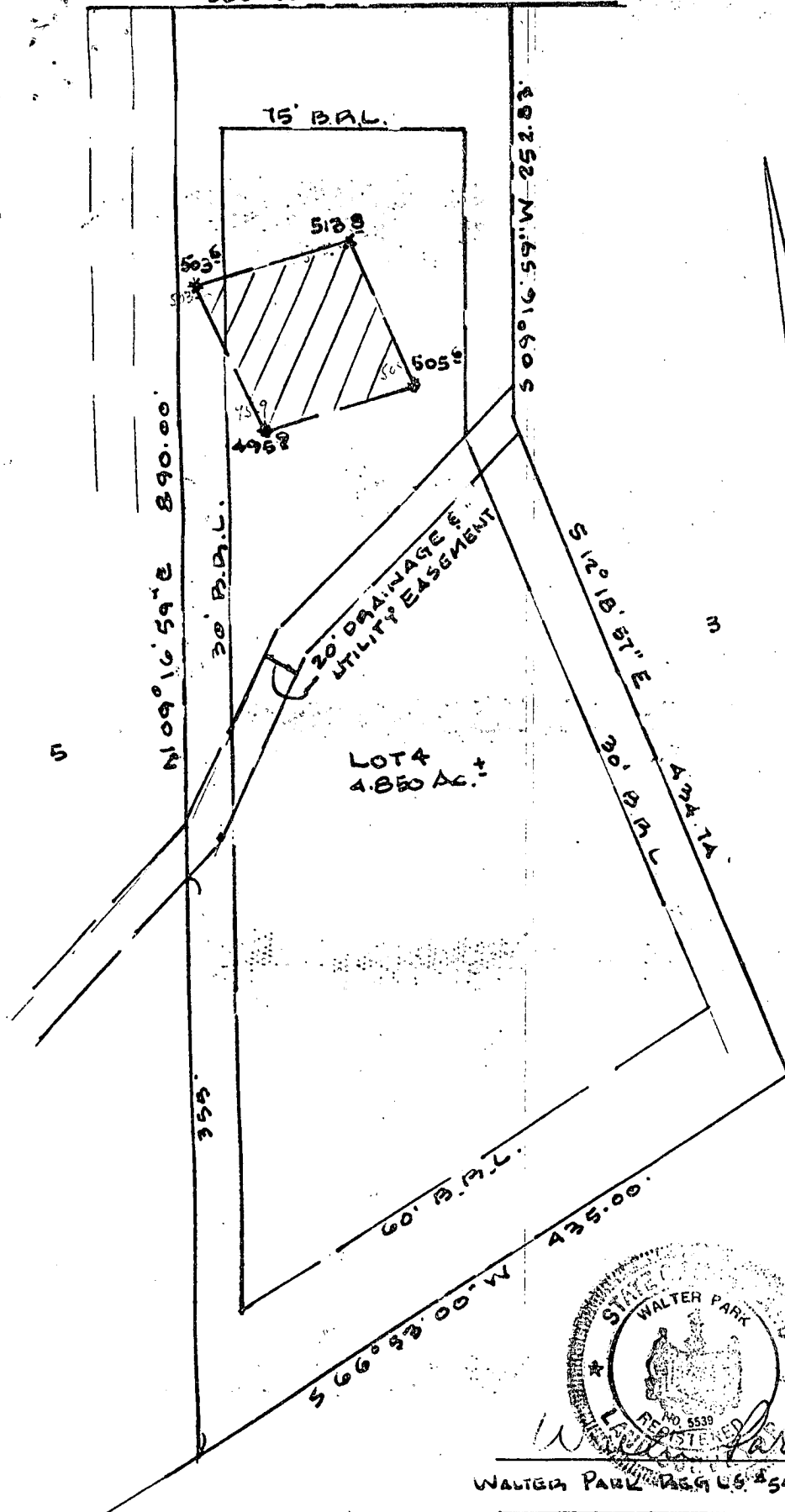
4 mi

ALSO PRESENT: L. M. ...



HALLOWELL COURT

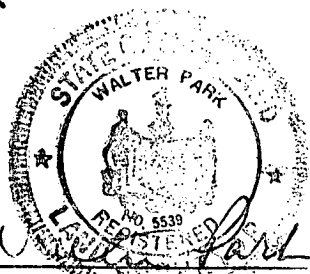
580°45'00"E 207.26



THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE & SERVICING ANY RESIDENTIAL STRUCTURE ON THIS BUILDING SITE. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM.

THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

* DESIGNATES FIELD LOCATED PERC HOLES AND ELEVATIONS.



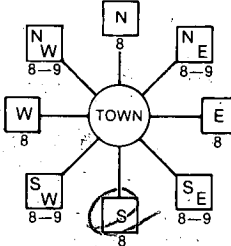

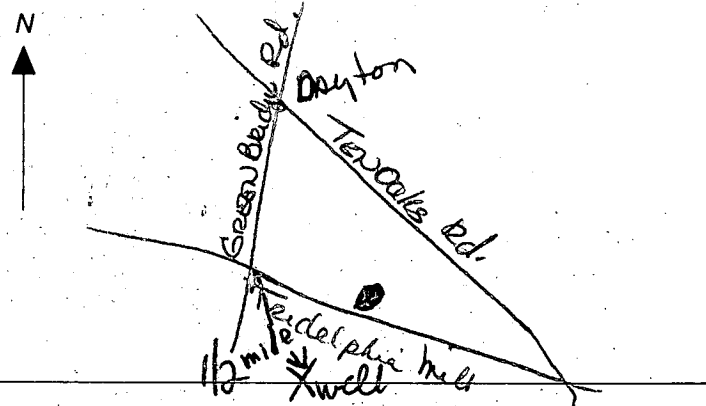
WALTER PARK REG. NO. 5539

PREPARED BY
HUDKINS ASSOCIATES, INC.
231 JOSEPH SQUARE
COLUMBIA, MARYLAND 21044
SCALE: 1"=100' DATE: 1-10-84

APPROVED: FOR PRIVATE WATER
PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPT.

[Signature]
COUNTY HEALTH OFFICER DATE

FIELD-LOCATED PERC HOLES
LOT 4 OF
LOT 1 TO 11 & LOTS 14 & 15
PHILADELPHIA MILL FARMS
SECTION AREA 2, BETHESDA DIST.
HOWARD CO., MARYLAND
PLAT NO. 4901 SHEET 2 OF 2

B 1 <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">3457</div> <small>(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)</small>	SEQUENCE NO. <small>(OEP USE ONLY)</small>	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">H0-81-0406</div> <small>fill in this form completely</small>
Date Received <u>2/7/84 9:30 AM</u> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">011-784</div> OWNER INFORMATION <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Wilson 611</div> <small>Last Name Owner First Name</small> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Box 41</div> <small>Street or RFD</small> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Sandy Spring Md 20860</div> <small>Town State Zip</small>		B 3 LOCATION OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Howard</div> <small>8 COUNTY 21</small> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Philadelphia Mill Farms</div> <small>23 SUBDIVISION 42</small> SECTION <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">1</div> LOT <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">4</div> <small>44 46 48 50</small> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Dayton</div> <small>52 NEAREST TOWN 71</small> MILES FROM TOWN (enter 0 if in town) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">1</div> MI <small>73 76 77 78</small>	
DRILLER INFORMATION <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">George F. Easterday</div> <small>Driller's Name 77 License No. 80</small> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">G.F. Easterday, Inc.</div> <small>Firm Name</small> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">615 Brown Church Rd. Mt. Airy, Md. 21771</div> <small>Address</small> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">George F. Easterday</div> <small>Signature Date</small> <u>1/13/84</u>		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  LOCATION OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Philadelphia Mill</div> <small>11 NEAR WHAT ROAD 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  DISTANCE FROM ROAD <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">750</div> <small>34 37</small> ENTER FT or MI <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">F+</div> <small>38 39</small>	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">5</div> <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">500</div> <small>14 20</small>		USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)	
APPROXIMATE DEPTH OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">200</div> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">6</div> INCH <small>NEAREST INCH</small>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">HOWARD</div> <small>COUNTY NAME</small> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">A29051</div> <small>COUNTY NO.</small> OEP SIGNATURE <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Frank Shinn</div> <small>DATE ISSUED 7/30/84</small> <small>43 48 CO SIGNATURE EXP. DATE</small> NORTH GRID <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">503000</div> EAST GRID <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">0799000</div> <small>50 55 57 63</small>	
METHOD OF DRILLING (circle one) <input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT other _____		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>well</u> 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">7909</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">5003</div> <small>E N</small>	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">41</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">52</div>		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">GAP</div> <small>54 63</small> FORCE <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">FS</div> WRITE INITIALS IN BOX PERMIT No. <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">H0-81-0406</div> <small>67 68 70 71 72 73 74 75 76 77 78 79</small>			
SPECIAL CONDITIONS			

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0406
Location of property (road) Triadelphia Mill Road
Subdivision Triadelphia Mill Farms Lot 4 Block Plat Sec. 1
Well Driller George Easterday Owner Gil Wilson

Depth of well 400'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 30' 4"

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 12 GPM
Total time 30 min to reach pumping water level 185 ft. below M.P.

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

[illegible]

C1 0356 SEQUENCE NO. (OEP USE ONLY)

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

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

1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

COUNTY
NUMBER

DATE Received
8 13

DATE WELL COMPLETED
02 20 78 4

Depth of Well
22 40 0 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
10-81-0406

OWNER Wilson G.L.
STREET OR RFD Philadelphia Mill first name
SUBDIVISION Philadelphia Mill Farms SECTION LOT 4

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 FROM TO	Check if water bearing
topsoil	0 2	
red mica schist	2 15	
brown mica schist	15 70	
gray mica brown mica schist	70 110	
gray mica schist	110 130	
gray mica schist	130 135	
gray mica schist	135 215	
gray mica schist	215 250	
gray mica schist	250 310	
gray mica schist	310 400	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box)
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 12 NO. OF POUNDS 1200
GALLONS OF WATER 68
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 45 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL ST CONCRETE CO
PLASTIC PL OTHER OT
MAIN CASING TYPE
Nominal diameter top (main) casing (nearest inch)
Total depth of main casing (nearest foot)
S 6 63

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

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

DEPTH (nearest ft.)
EACH SCREEN
1 40 61 400
2
3
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
56 60

CIRCLE APPROPRIATE LETTER
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 Robert K. Huber
SITING 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 (E.R.O.S.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3
PUMPING TEST
HOURS PUMPED (nearest hour) 6
PUMPING RATE (gal. per min. to nearest gal.) 2
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 30
WHEN PUMPING 188
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 YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
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)
right of line
30'
well
40'
Front of line

of _____

Review 2/14/84 O.R. T.S.

FIELD DATA SHEET
COUNTY WELL YIELD TEST

Well Permit No. HO-81-0406 Election District _____
 Location of property (road) Bellows Hill Road
 Subdivision Delphia Mill Farm Lot 4 Block _____ Plat _____ Sec. _____
 Well Driller Beach Construction Owner Lee Wilson
 Depth of well 2100 12 1/4 gpm
 Distance of measuring point (M.P.) above ground 24"
 Static water level (S.W.L.) below M.P. 30' 4"

High rate pumping--reservoir drawdown

Time pump started 8:00 Pumping rate 12 G.P.M.

Total time 8:30 to reach pumping water level 185' ft. below M.P.

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

TIME	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	Pump 370' CALCULATED FLOW gallons per minute
8:30	185'	30 sec		2.6 G.P.M.
8:45	185' 4"	30 sec		2.6 G.P.M.
9:00	186'	30 sec		2.6 G.P.M.
9:15	186' 9"	30 sec		2.6 G.P.M.
9:30	185' 7"	35 sec		2.6 G.P.M.
9:45	186' 4"	30 sec		2.6 G.P.M.
10:00	186' 5"	30 sec		2.6 G.P.M.
10:15	186' 1"	30 sec		2.6 G.P.M.
10:30	186' 1"	30 sec		2.6 G.P.M.
10:45	185' 11"	30 sec		2.6 G.P.M.
11:00	186' 2"	30 sec		2.6 G.P.M.
11:15	186' 3"	30 sec		2.6 G.P.M.
11:30	186' 3"	30 sec		2.6 G.P.M.
11:45	186' 6"	30 sec		2.6 G.P.M.
12:00	186' 5"	30 sec		2.6 G.P.M.
12:15	186' 8"	30 sec		2.6 G.P.M.
12:30	186' 10"	30 sec		2.6 G.P.M.
12:45	186' 10"	30 sec		2.6 G.P.M.
1:00	187'	30 sec		2.6 G.P.M.
1:15	187'	30 sec		2.6 G.P.M.
1:30	187' 3"	30 sec		2.6 G.P.M.
1:45	187' 3"	30 sec		2.6 G.P.M.
2:00	187' 4"	30 sec		2.6 G.P.M.
2:15	187' 6"	30 sec		2.6 G.P.M.
2:30	187' 6"	30 sec	Banner	2.6 G.P.M.

Lot 4 Tridelphia Mill Farms
Willson Dev. Corp. Box 41 Sandy Spring, Md
924-2767 - Scale 1/4" = 50'
Distance From Well to Spot
130'

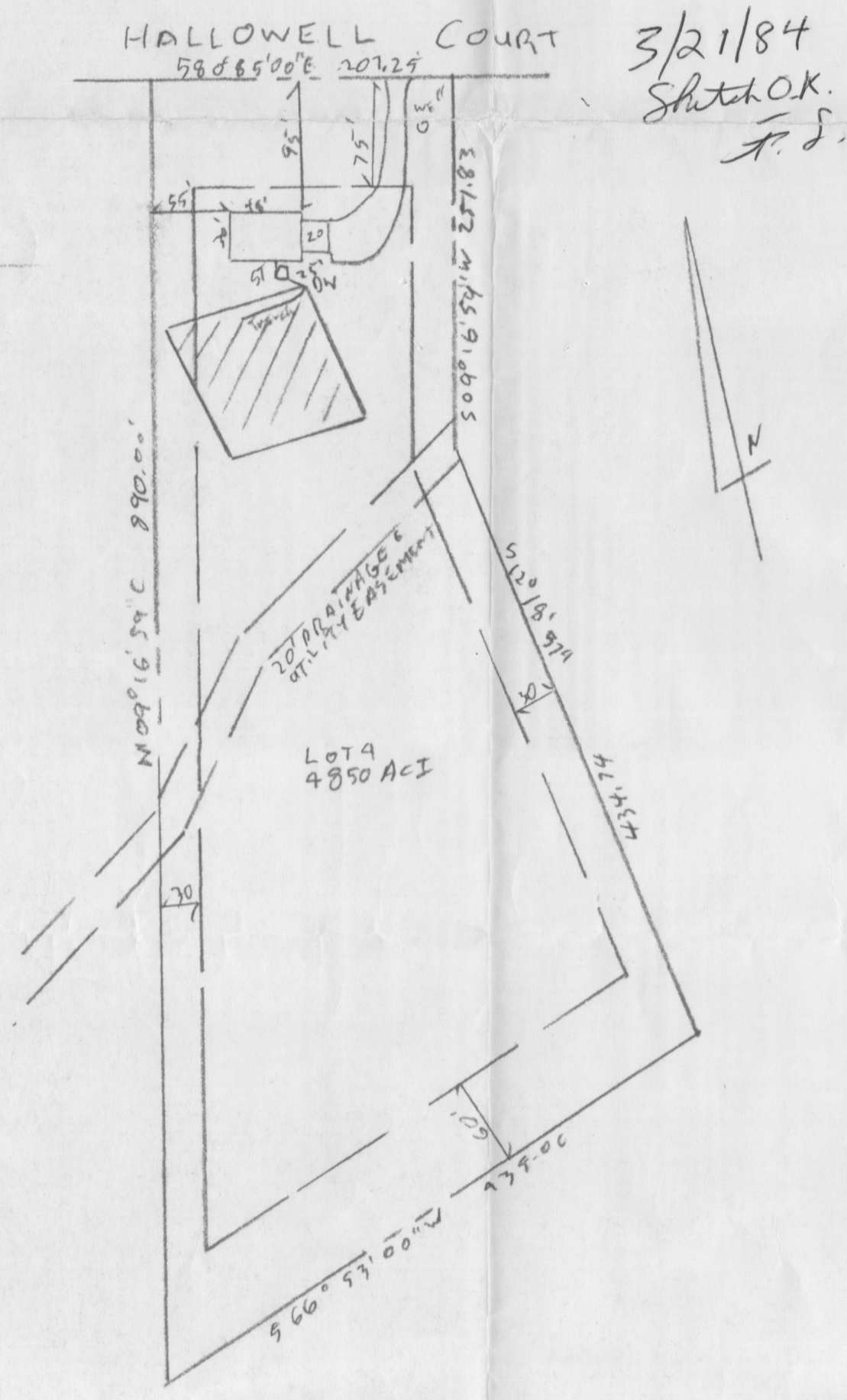
Well Elev.	434'
F.C.	436'
Base	428'
Inn Elev. House	437.20
Inn Elev. Tank	437.00
Exist Elev.	435.00
Inn Elev. from Tank	432.75'
Inn Elev. DW	432.00
Exist Elev.	435'
Elev. at Pipe	436'
Invert of To rock	432'
Exist Elev.	435'

Tack Fyock will install system

I certify the above measurements
 and elevations are actual & correct
 for this property

E. J. Kullback

No change
 in grade



3/21/84
 Sketch OK.
 T.S.