

7/14/88 CAT6 AM + PM

# PERMIT

P 42139

A 30894

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

**INDEXED**  
04-329430

DATE 7/14/88  
DATE SYSTEM APPROVED 7/14/88  
INSPECTOR Bl

Olen Ketterman IS PERMITTED TO INSTALL  ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Talley Property ROAD 14974 Bushy Park Road LOT 13

PROPERTY OWNER Richard Talley

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 190 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 310 feet up the right (728.16') lot line and 45 feet off the same line as seen when facing the lot from Right-of-way. Run trenches on contour toward right line.

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 Sid Abel DATE 12/02/87

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(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 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.

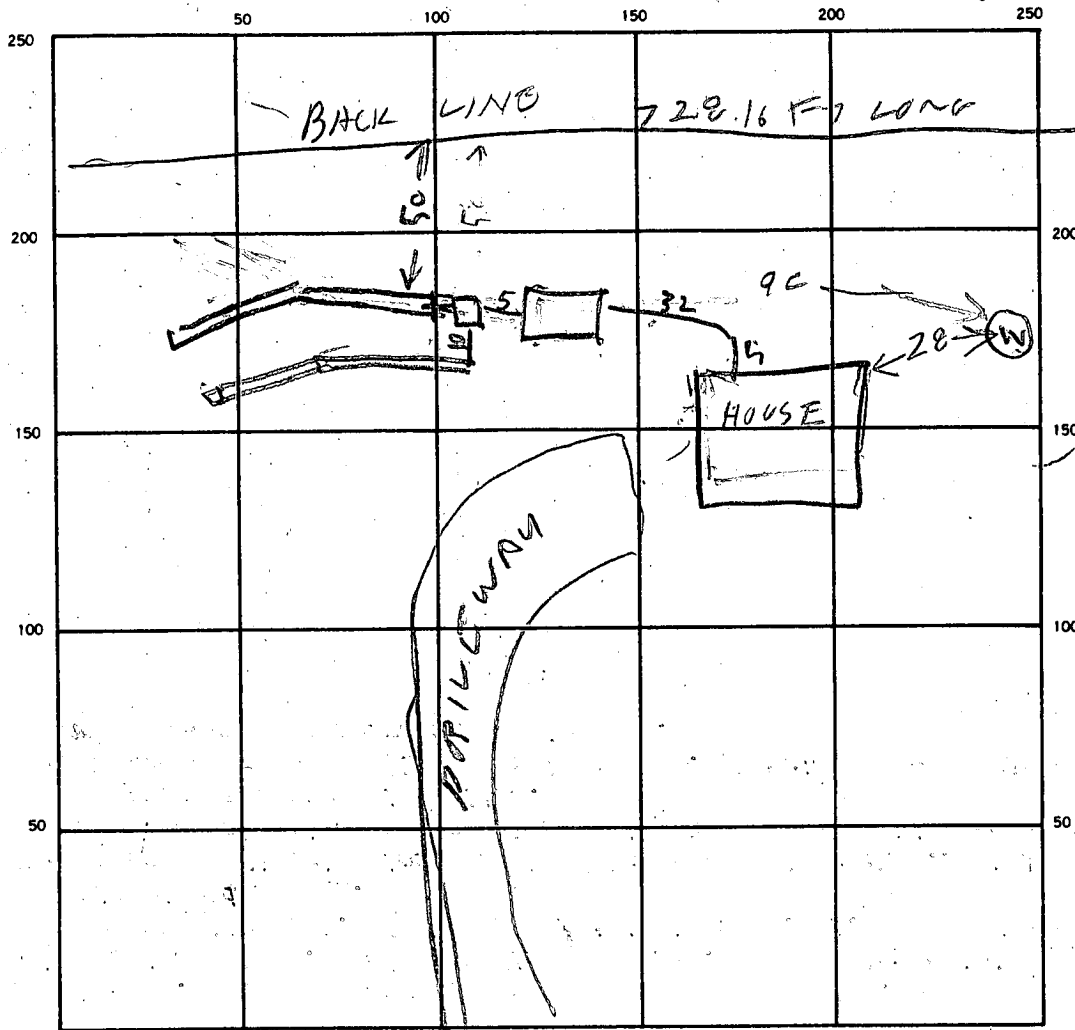
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 30894



25  
50  
60  
190  
3  
70

209  
185

INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL 1000 CLEANOUTS ST OK

DISTRIBUTION BOX. LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD. DEPTH  $\frac{1}{5} | \frac{2}{5}$  FT. TRENCH WIDTH  $\frac{1}{3} | \frac{2}{3}$  FT. INLET DEPTH  $\frac{1}{30} | \frac{2}{35}$  FT.

EFFECTIVE GRAVEL DEPTH  $\frac{1}{1.5} | \frac{2}{1.5}$  FT. TOTAL LENGTH 25 | 101 FT. 1 | 2

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA 558 | 570 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

1  
180  
555

REMARKS 7/14/88-1400 LOCATION OK 1ST TRENCH STARTED & TANK

SET. FINISH JOB.

7/14/88 3350M - JOB FINISHED RH

DATE SYSTEM APPROVED 7/14/88 INSPECTOR Raymond Hodges

A 30894

SUBDIVISION: Talley Property

LOT NUMBER: 13

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ 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 \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

190 sq. ft./bedroom

Trench to be 3 wide.

Inlet 3.5 feet below original grade.

Bottom maximum depth 5.0 feet below original grade.

Effective area begins at 3.5 feet below original grade.

1.5 feet of stone below distribution pipe.

*3-ND.  
Ketterman*

- 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 absorbent sidewall area by 22%.

LOCATION: 12/2/87 PLACE THE DISTRIBUTION BOX 310 FEET UP THE RIGHT  
(728.16) LOT LINE AND 45 FEET OFF THE SAME LINE AS SEEN WHEN  
FACING THE LOT FROM RIGHT OF WAY. RUN TRENCHES ON CONTOUR  
TOWARD RIGHT LINE. SAG

# APPLICATION

Prep  
9/17/80  
1:30 p.m.

A 30894

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

Septic Tank { 1-3 Bedrooms 1000 gallons  
4 Bedrooms 1250 gallons

Dry well to have 120 sqft. effective absorbent sidewalk area per bedroom below inlet. Inlet to be 4' below original grade and maximum depth 15'. Location 15' off line S 10°-14'-22" W 72.8.16' in length and 32.5' down line S 10°-14'-22" W 72.8.16' in length from change of lot line. R/W point to Bushy Park Road. Perc hole (7.8) on site. Dry Well & Trench used per: (2) 5' depth buffer = between trench and dry well (3) Run trench on contour as much as possible.

DISTRICT 4th  
DATE 9/8/80

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 Richard Talley  
SEND JOHN TALLEY  
ADDRESS 4401 ROXBURY MILL RD. PHONE \_\_\_\_\_  
PROPERTY LOCATION: BROOKEVILLE, MD  
SUBDIVISION 14974 LOT NO. 13  
ROAD AND DESCRIPTION Bushy Park Road  
SIZE OF LOT 8.174 acres TYPE BLDG. 3 or 4 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.

BLDG. PERMIT SIGNED AND RETURNED 12/2/87  
BP15767 SAU

SIGNATURE OF APPLICANT /s/ Olen Ketterman for Richard Talley

APPROVED BY C. B. Streaker FOR Dry Well & Trench only DATE 12/24/80

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 9/17/80 FOR FURTHER TESTS; +/OR REDESIGN OF PERC AREA DUE TO WATER. 10/14/80 LOT TESTED

IN DIFFERENT AREA HOLD FOR CERTIFIED NOLES, HOUSE SITE AND WELL SITE. POSSIBLY SHALLOW DRY WELL + TRENCH  
C.B.S.  
C.B.S.

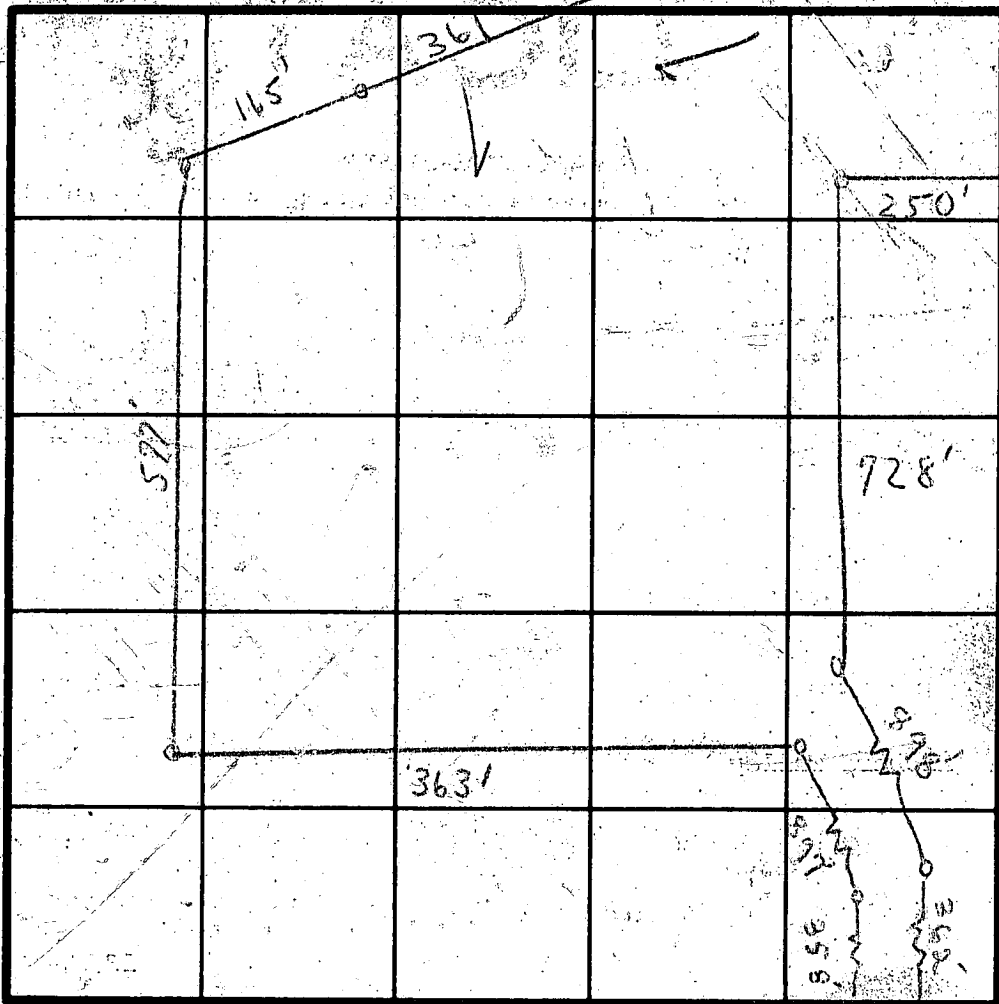
# THIS IS NOT A PERMIT

#13

SOIL PROFILE



FIELD SHEET



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

WUSHY PARK ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
7/1/80	1	3'	2:22	2:36	2:36	3:06	1:15
	2	11'	:	:	:	:	
	3	'	:	:	:	:	
	4	'	:	:	:	:	
	5	'	:	:	:	:	
	6	'	:	:	:	:	
	7	'	:	:	:	:	
	8	'	:	:	:	:	

REMARKS

TESTS IN WOODS

HOLD FOR FURTHER TESTS

TYPE OF SOIL

TESTED BY

C. B. S.

ALSO PRESENT

(UNDESIGNATED)  
C. KETTERMAN JR.  
J.R.

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30894

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 4th

DATE 9/8/80

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 Richard Talley

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION

SUBDIVISION \_\_\_\_\_ LOT NO. 13

ROAD AND DESCRIPTION Bushy Park Road

SIZE OF LOT 8.174 acres TYPE BLDG. 3 or 4 bedrooms

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

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ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT /s/ Olen Ketterman for Richard Talley

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 1/10/80 PERC FURTHER TEST FOR REDEVELOPMENT

PERC PERMITS DUE TO WATER

# THIS IS NOT A PERMIT



# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_

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.

SIGNATURE OF APPLICANT \_\_\_\_\_

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

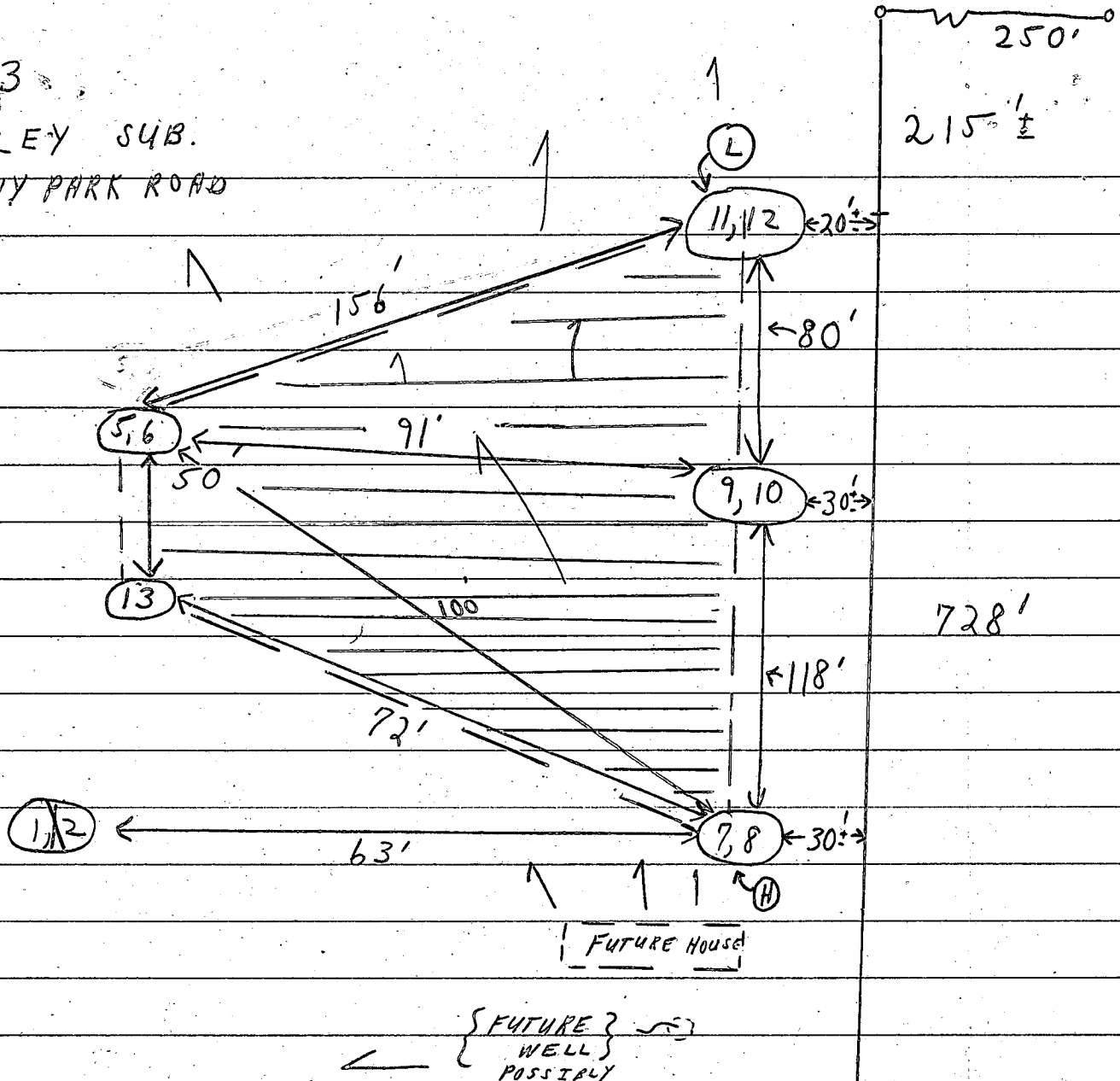
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



#13

TALLEY SUB.  
BUSHY PARK ROAD



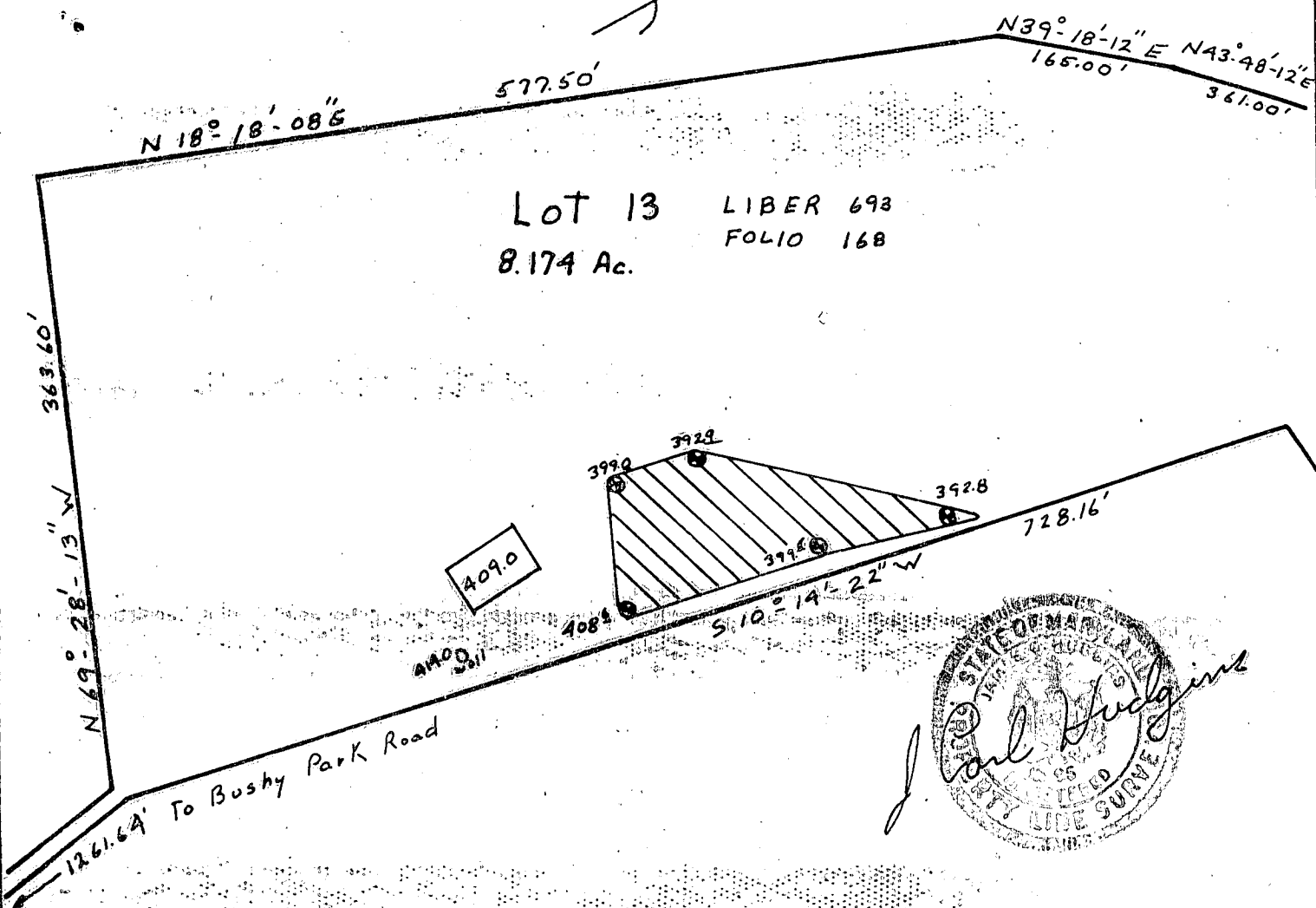
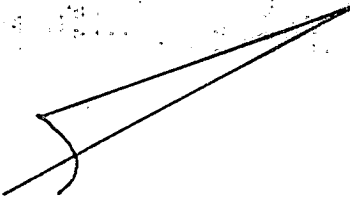
1 slope  
pave area

+ { private  
sewage  
easement  
area }

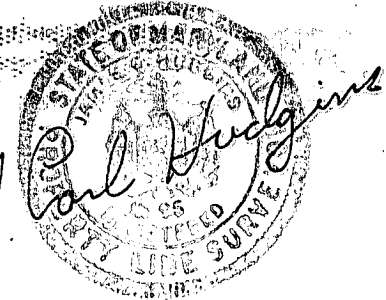
HOLD FOR CERTIFIED HOLES  
ENLARGED SCHEMATIC

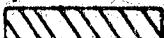
10/14/80.

C.B.O.



Lot 13 LIBER 693  
 8.174 Ac. FOLIO 168



 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements 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.

Percolation test holes shown hereon have been field located and 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.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

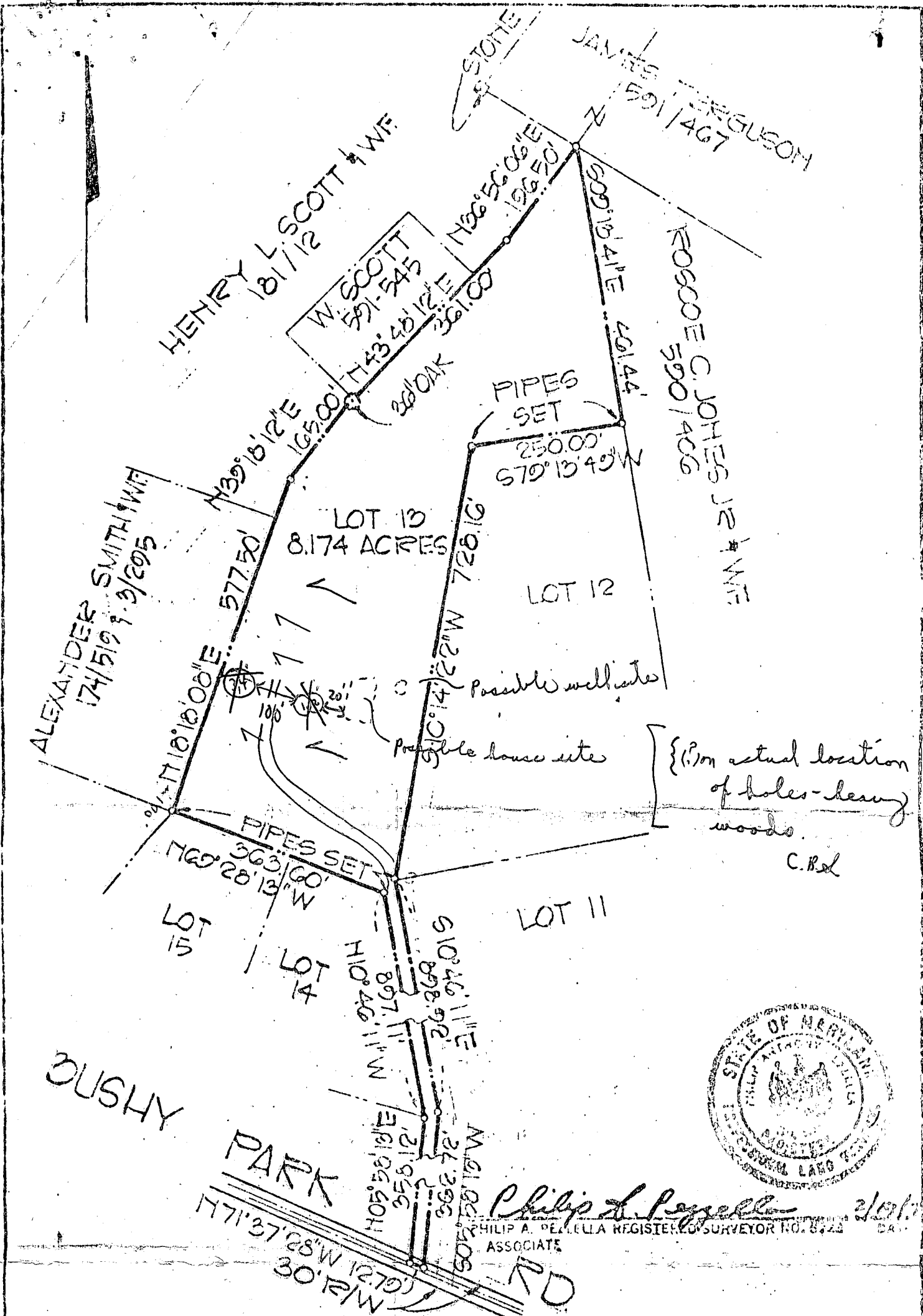
PERCOLATION TEST PLAT  
 PROPERTY OF  
 RICHARD W. TALLEY  
 DEED 693 / 168

Election District  
 Howard County, Maryland  
 Scale 1"=100'  
 Date 12-15-80

APPROVED: For Private Water and Private Sewage Systems

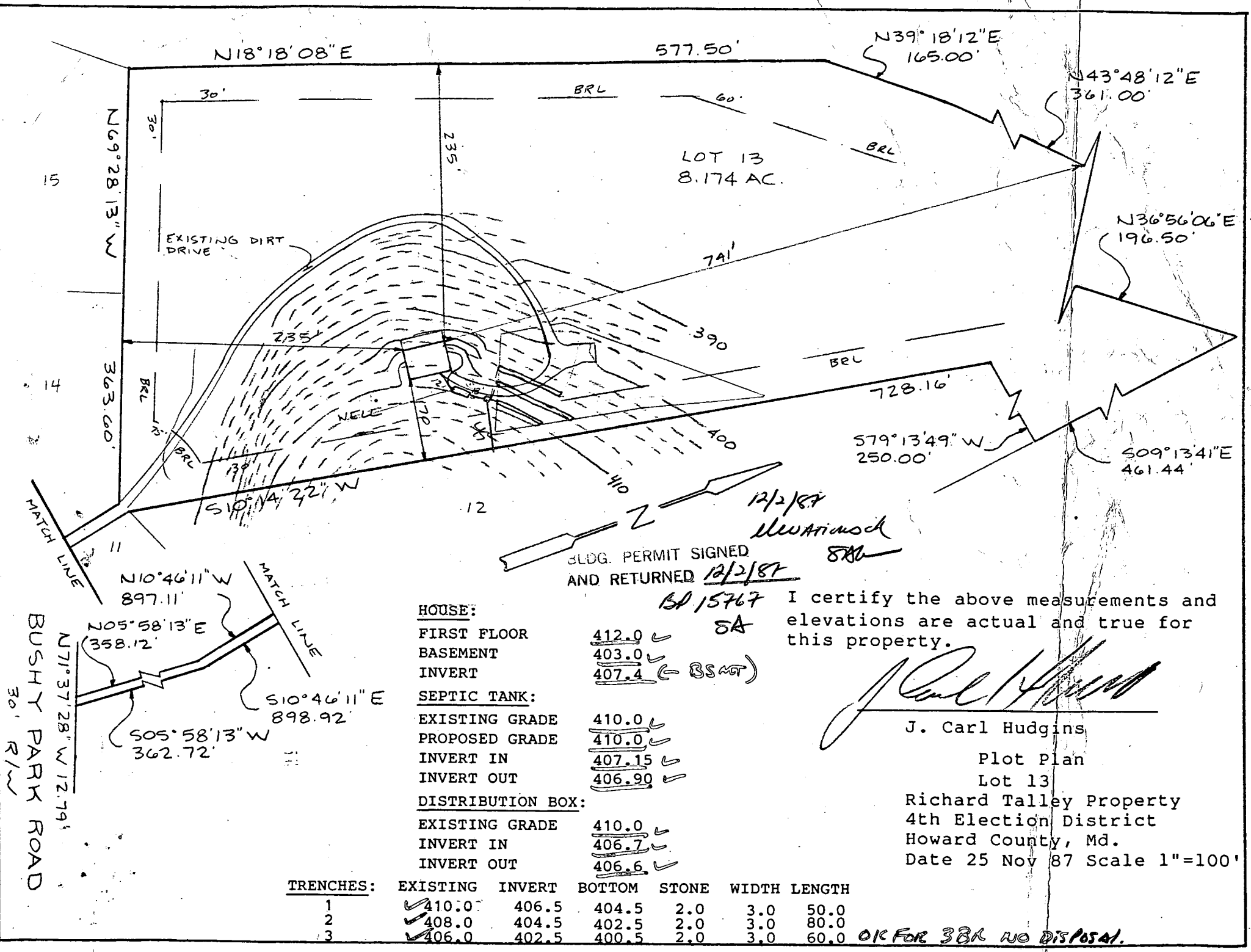
Dr. James M. Boyd / J.M. 12-24-80  
 County Health Officer Date

NTT Associates  
 Suite 307, Clark Bldg.  
 Columbia, MD 21044  
 321-0307



*Philip A. Pezella*  
 PHILIP A. PEZELLA REGISTERED SURVEYOR NO. 8425  
 ASSOCIATE

TITLE		PLAT OF SURVEY		ENGINEERING PLANNING SURVEYING BY <b>BOENDER ASSOCIATES INC.</b>  BALTIMORE, MD. 21201-27 SALISBURY, MD. 21156-1205 WESTERLY, MD. 21158-5525
PROJECT		RICHARD TALLEY PROPERTY		
LOCATION		4 <sup>TH</sup> ELECTION DISTRICT, HOWARD CO. MD.		
DATE:	DES. BY:	DRAWN BY:	CHKD. BY:	
2/15/74	P.A.P.	T.P.D.	P.A.P.	



HOUSE:  
 FIRST FLOOR 412.0 ✓ SA  
 BASEMENT 403.0 ✓  
 INVERT 407.4 (BSMT)

SEPTIC TANK:  
 EXISTING GRADE 410.0 ✓  
 PROPOSED GRADE 410.0 ✓  
 INVERT IN 407.15 ✓  
 INVERT OUT 406.90 ✓

DISTRIBUTION BOX:  
 EXISTING GRADE 410.0 ✓  
 INVERT IN 406.7 ✓  
 INVERT OUT 406.6 ✓

TRENCHES:	EXISTING	INVERT	BOTTOM	STONE	WIDTH	LENGTH
1	✓ 410.0	406.5	404.5	2.0	3.0	50.0
2	✓ 408.0	404.5	402.5	2.0	3.0	80.0
3	✓ 406.0	402.5	400.5	2.0	3.0	60.0

OK FOR 3BA NO DISPOSAL.

SA

B 1	5086	SEQUENCE NO. (WRA USE ONLY)	<b>STATE OF MARYLAND</b> <b>WATER RESOURCES ADMINISTRATION</b> <b>TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	<b>WRA PERMIT NUMBER</b> <span style="font-size: 1.5em;">40-733-711</span>
<small>1 2 3 (SEQ. NO.) 6</small> <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)*</small>			<b>FILL IN THIS FORM COMPLETELY</b>	

<small>DATE RECEIVED (WRA USE ONLY)</small> 4/10/81 5/15/81 9:30	<small>OWNER</small> <u>Talbot Walter</u> <small>COL 15 LAST NAME</small>	<small>RICHARD</small> <small>FIRST NAME</small>
	<small>STREET OR RFD</small> <u>4401 Roxbury Mill Rd</u> <small>COL 36</small>	<small>COL. 34</small>
	<small>POST OFFICE</small> <u>Cooksville Md 20729</u> <small>COL 57</small>	<small>COL. 55</small>   <small>COL. 76</small>

B 1	CONTINUED	<b>DRILLER INFORMATION</b>
<small>1 2 3 (SEQ. NO.) 6</small>		
<small>DATE</small> <u>APRIL 6, 1981</u>		<small>LICENSE NUMBER</small> <u>273</u> <small>77 80</small>
<small>FIRST NAME</small> <u>Ralph</u>		<small>DRILLER LAST NAME</small> <u>MAWNE</u>
<small>SIGNATURE</small> <u>Ralph Mawne</u>		

B 3	<b>LOCATION OF WELL</b>
<small>1 2 3 (SEQ. NO.) 6</small>	
<small>COUNTY</small> <u>Howard</u> <small>(DO NOT ABBREVIATE COUNTY NAME)</small>	
<small>SUBDIVISION</small> <u>SHIRAZ</u> <small>23 42</small>	
<small>SECTION</small> <u>none</u> <small>LOT</small> <u>13</u> <small>44 46 48 50</small>	
<small>NEAREST TOWN</small> <u>Cooksville</u> <small>52 71</small>	
<small>MILES FROM TOWN (ENTER 0 IF IN TOWN)</small> <u>1 mile</u> <small>79 76 77 78</small>	

B 2	<b>WELL INFORMATION</b>
<small>1 2 3 (SEQ. NO.) 6</small>	
<small>MAXIMUM PUMPING RATE (GALLONS PER MINUTE)</small> <u>5</u> <small>8 12</small>	
<small>AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY)</small> <u>500</u> <small>14 20</small>	

B 4	<b>DIRECTION FROM TOWN</b>
<small>1 2 3 (SEQ. NO.) 6</small>	
<small>(CIRCLE APPROPRIATE BOX)</small>	
<input type="checkbox"/> N NORTH <input type="checkbox"/> E EAST <input type="checkbox"/> NE NORTHEAST <input type="checkbox"/> SE SOUTHEAST <input type="checkbox"/> S SOUTH <input type="checkbox"/> W WEST <input type="checkbox"/> NW NORTHWEST <input type="checkbox"/> SW SOUTHWEST	
<small>NEAR WHAT ROAD</small> <u>Bushy Park Rd</u> <small>8 9</small>	
<small>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</small> <input checked="" type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W <small>11 32 32 32 32</small>	
<small>DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX)</small> <u>2500 FT</u> <small>34 37 38 39</small>	

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY).

FARMING, AGRICULTURE, IRRIGATION

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL

PRIVATE WATER COMPANY }

TEST

**APPROXIMATE DEPTH OF WELL** 150 FEET  
24 28

**APPROXIMATE DIAMETER OF WELL** 6 (NEAREST INCH)

**METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)**

BORED (OR AUGERED)     JETTED     DRIVEN

AIR-ROTARY     AIR-PERCUSSION     ROTARY (HYDRAULIC ROTARY)

CABLE     REVERSE-ROTARY     DRIVE-POINT

OTHER (DESCRIBE) \_\_\_\_\_

**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

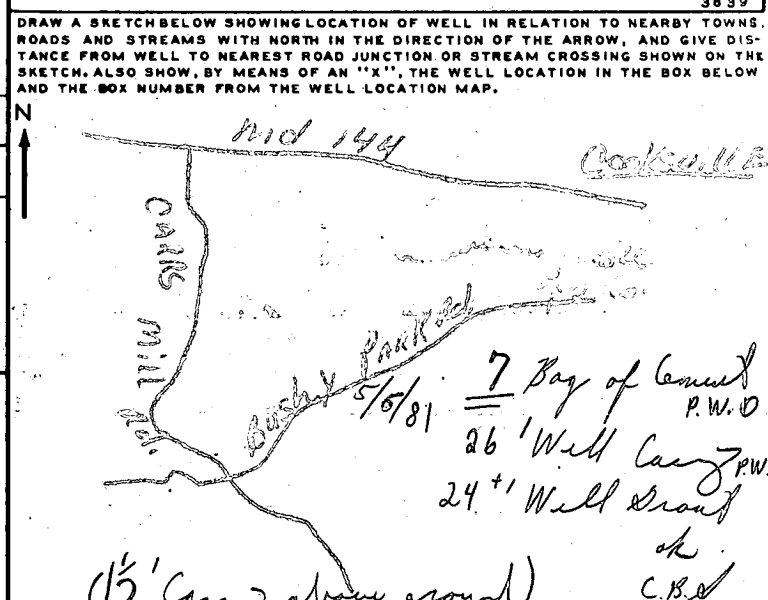
THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROPRIATION PERMIT NUMBER 54    ENGINEER REVIEW DISTRICT NO. 65

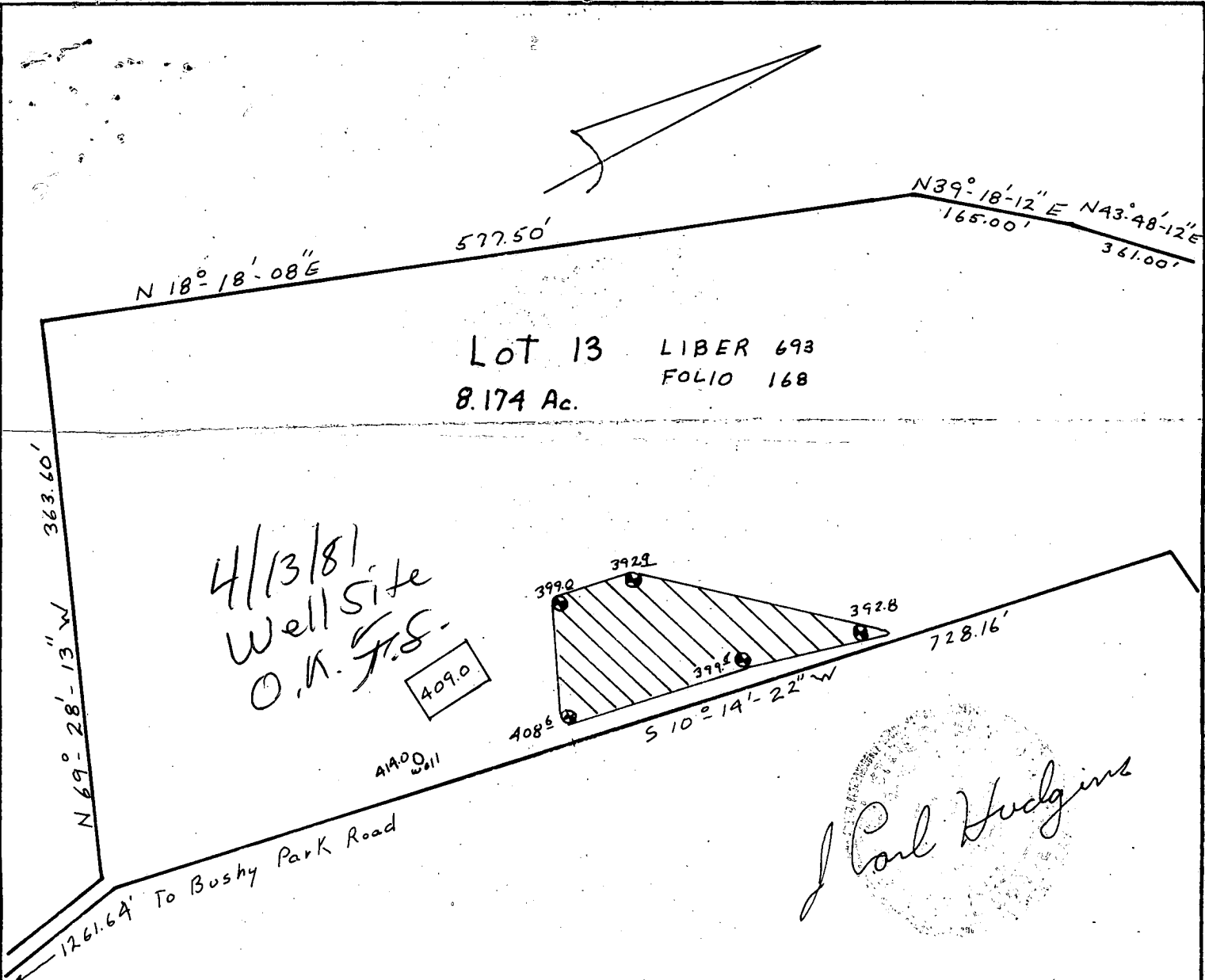
FORCE       WRITE INITIALS IN BOX    CONDITIONS   

67 68    70 71 72 73 74 75 76 77 78 79



B 4	CONTINUED	<b>HEALTH DEPARTMENT APPROVAL</b>	<b>BOX NUMBER</b> E <u>7809</u> N <u>5403</u>
<small>1 2 3 (SEQ. NO.) 6</small>			<small>0/5    5/5</small>
<small>41</small> <input checked="" type="checkbox"/> STATE HEALTH (CIRCLE BOX)			<small>NORTH COORDINATE</small> <u>543000</u> <small>50 51 52 53 54 55</small>
<small>DATE</small> <u>000000</u>			<small>EAST COORDINATE</small> <u>0789000</u> <small>57 58 59 60 61 62 63</small>
<small>APPROVED BY</small> <u>Frank Skinner, Sanitarian</u>			<small>ELEVATION AT WELL HEAD (FEET)</small> <u>  </u> <small>65 66 67 68</small>

B 5	<b>SPECIAL CONDITIONS 8-63 (WRA USE ONLY)</b>
<small>1 2 3 (SEQ. NO.) 6</small>	




4/13/81  
Well Site  
O.N. F.S.

409.0

414.00 Well

*J. Carl Hudgins*

 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements 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.

Percolation test holes shown hereon have been field located and 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.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

PERCOLATION TEST PLAT  
PROPERTY OF  
RICHARD W. TALLEY  
DEED 693 / 168

Election District  
Howard County, Maryland  
Scale 1" = 100'  
Date 12-15-80

APPROVED: For Private Water and Private Sewage Systems

*Re. Joyce M. Boyd / J.F.*      12-24-80  
County Health Officer      Date

NTT Associates  
Suite 307, Clark Bldg.  
Columbia, MD 21044  
321-0307

C1 8250 SEQUENCE 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 NUMBER A 30894

Date Received (WRA use only) MAY 8, 1981  
DATE WELL COMPLETED

Depth of Well 205  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
HO-73-3879

OWNER Talley last name Richard first name Walter  
STREET OR RFD Bushy Park Rd. TOWN Cooksville  
SUBDIVISION NONE SECTION \_\_\_\_\_ LOT 13

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	
Sandy	2	17	
SANDSTONE	17	40	
Micka	40	60	
SANDSTONE	60	65	<input checked="" type="checkbox"/>
Micka	65	205	

WELL HAS BEEN GROUTED (Circle Appropriate Box)  YES  NO  
TYPE OF GROUTING MATERIAL  
CEMENT  BENTONITE CLAY   
NO. OF BAGS 7 NO. OF POUNDS 280  
GALLONS OF WATER 56  
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 24 ft (enter 0 if from surface)

CASING RECORD  
casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER  
MAIN CASING TYPE  S  T  
Nominal diameter top(main) casing (nearest inch) 6  
Total depth of main casing (nearest foot) 27

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

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

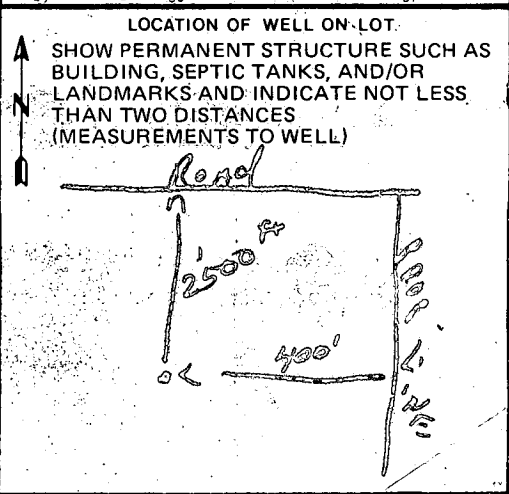
DEPTH (nearest ft.) 25 205  
SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
DIAMETER OF SCREEN (NEAREST INCH) from \_\_\_\_\_ to \_\_\_\_\_

GRAVEL PACK \_\_\_\_\_  
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX

WRA-USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
T (E.R.O.S.) \_\_\_\_\_ W Q \_\_\_\_\_  
TELESCOPE CASING \_\_\_\_\_ LOG INDICATOR \_\_\_\_\_ OTHER DATA \_\_\_\_\_

C 3 (seq no)  
PUMPING TEST  
HOURS PUMPED (nearest hour) 4  
PUMPING RATE (gal. per min. to nearest gal.) 15  
METHOD USED TO MEASURE PUMPING RATE Bucket  
WATER LEVEL (distance from land surface) BEFORE PUMPING 60 WHEN PUMPING 205  
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 YES  NO   
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  YES  NO  
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)  above  below 2 (nearest foot)



CIRCLE APPROPRIATE BOX  
 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. 223  
Ralph E. Mayall  
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
Ralph E. Mayall  
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

5-27-88

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Court House Square  
Ellicott City, Md. 21043  
461-9933

New Installation  Replacement   
Receipt # 41826  
Date 5/19/88  
Name of Installer ROBERT L. FEELER CO., INC. Telephone 781-4655  
License number 2122  
Certified Well Pump Installer  Well Driller  Registered Plumber   
Name of Property Owner RICHARD TALLEY Telephone 442-2300  
Subdivision BUSHY PARK ESTS, Lot # 13 Well tag # HD-73-3879  
Site Address 14974 BUSHY PARK RD.

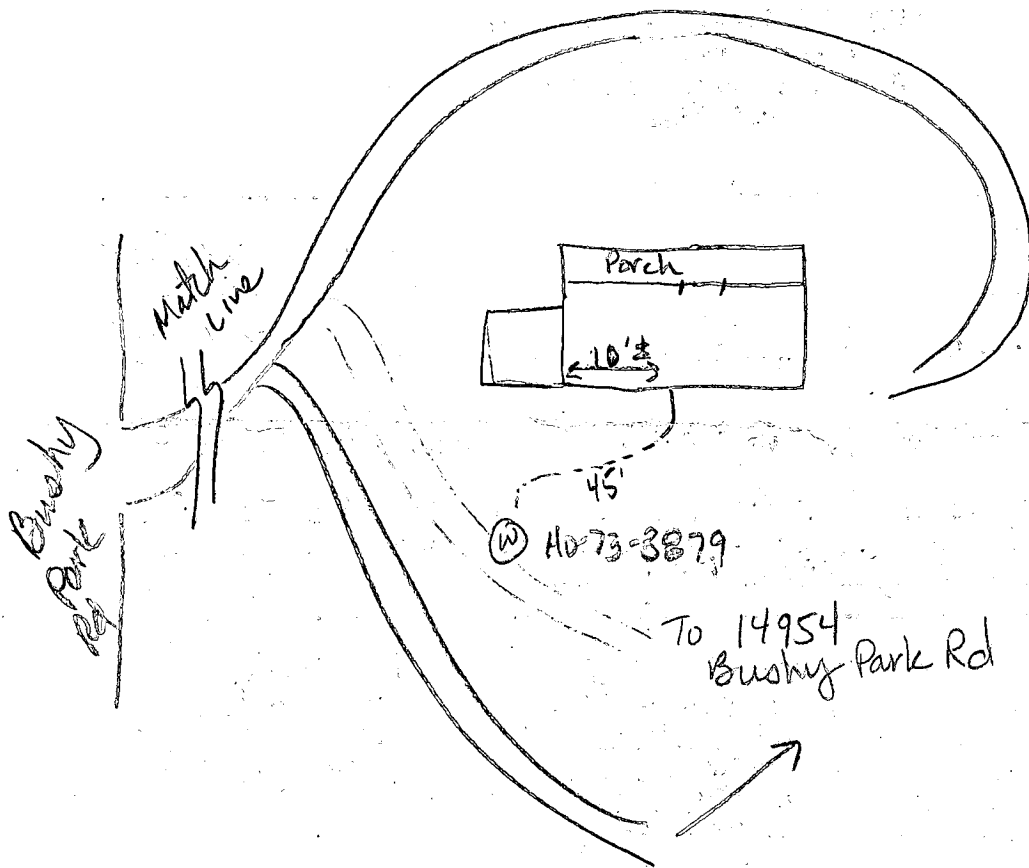
Pump Motor Pitless Adapter  
1. Type 1. Horsepower 1/2 1. Make MERRILL  
a. Deep well jet \_\_\_\_\_ 2. RPM 3450 2. Model # WBS-10  
b. Shallow well jet \_\_\_\_\_ 3. Voltage \_\_\_\_\_ 3. Depth 42" +  
c. Submersible  a. 110 \_\_\_\_\_  
2. Make CRISWELL/DORNING b. 220   
3. Model # 3ALN  
4. Capacity 8 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 \_\_\_\_\_

Tank CAPTIVE AIR Piping Well data  
1. Capacity WK-203 1. Type Poly. 1. Depth 205 ft.  
2. Pressure relief valve? YES 2. Size 1" 2. Yield 15 GPM  
3. NSF and/or BOCA Code approved YES 3. Static water level 47 ft.  
4. Depth of supply line 42" + 4. Will water supply be disinfected by installer? YES

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: Robert L. Feeler  
Date: 5/19/88

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



19  
24  
76  
98  
45

5-27-88

Atlas adaptor at 42 inches. Well line covered. House connection inside needs to be reconnected at wall. Ground line through wall but not connected. No ground on well casing (steel). Pump tank installed w/ relief valve. JE Nadeau

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
MAY 23 8 47 AM '88  
DIVISION OF  
ENVIRONMENTAL  
HEALTH