

9-14-85  
12N

05-392 039

9-13-85  
approved  
S. Abel

# PERMIT

P 35797  
A 27472

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 5th  
DATE 7/22/85

INDEXED

{ I.C.O.P.  
Time expired }

Andy Snow IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 14196 Frederick Rd., Cooksville, Md. 21723 PHONE 854-6190

SUBDIVISION Kalmia Farms ROAD 14611 Viburnum Drive LOT 25, Sec. 2

PROPERTY OWNER Laurel Services Corporation

ADDRESS 380 Main Street, Laurel, Maryland Phone: 953-2380

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

GARBAGE GRINDER? YES ☒ NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4  
(with garbage grinder)

TRENCHES - 250 sq. ft. per bedroom if Garbage Grinder. 194 sq. ft. per bedroom without garbage grinder. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe. LOCATION: Place distribution box 270 feet from the front lot line and 110 feet from the left lot line as seen when facing the property from Viburnum Drive. Run trench(s) along contour toward either side lot line.  
\*\*\*\*\* SEPTIC TANK AND TRENCHES MUST BE AT LEAST 100 FEET FROM ANY WELL.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY C. Williams DATE 8/8/85

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.

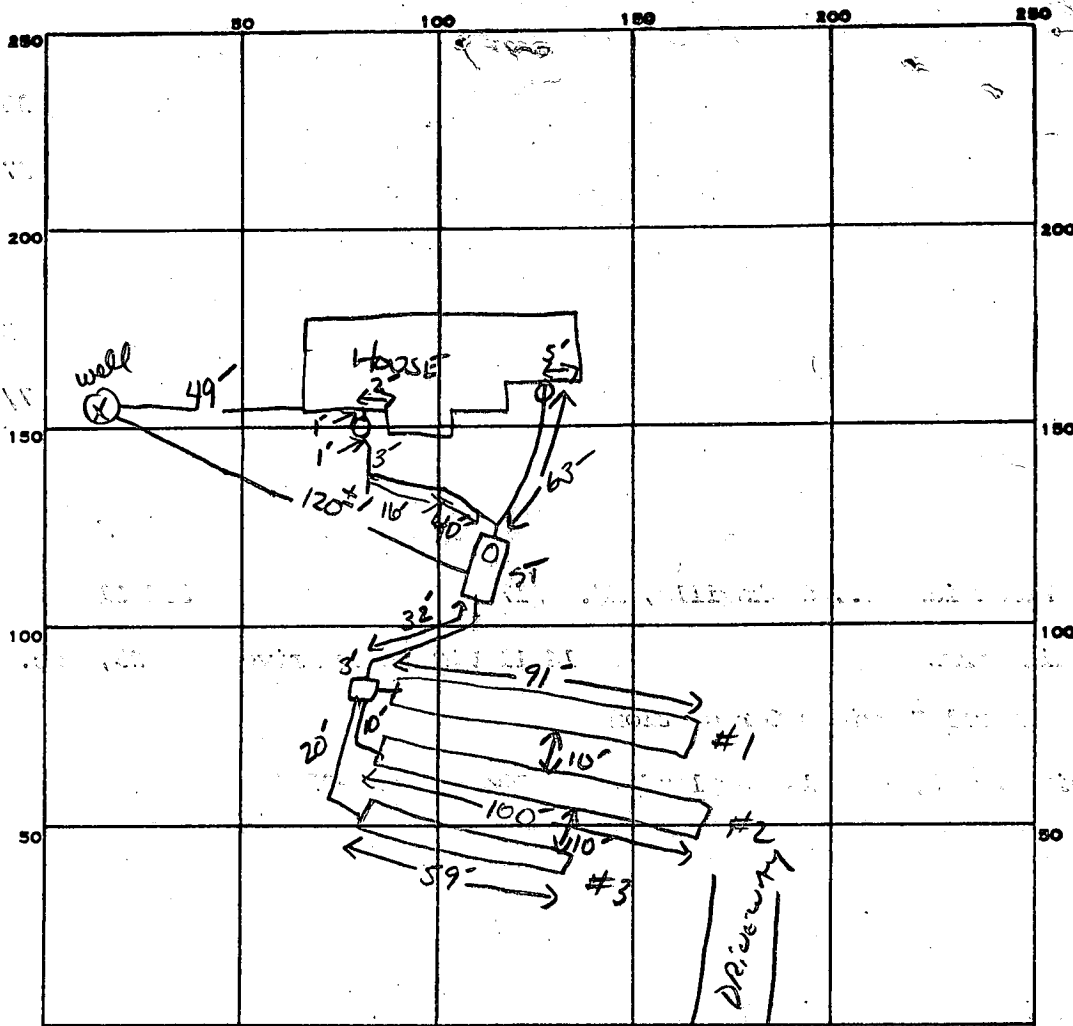
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 27472



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

VIRBURNUM DR.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒ 2000 GAL

CLEANOUTS ☒ ST - AT OUTLETS FROM HOUSE (2)

DISTRIBUTION BOX, LEVEL ☒

TILE FIELD, DEPTH <sup>① ② ③</sup> 8 8 8 FT. TRENCH WIDTH 2 FT. INLET 4'

GRAVEL DEPTH <sup>① ② ③</sup> 4 4 4 FT. TOTAL LENGTH <sup>① ② ③</sup> 91 100 59 FT. TOTAL 250 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 1000  $\phi$

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 1000 SQ. FT.

REMARKS 9-11-85 OK TO STONE TRENCHES AND OK TO COVER PART OF #3 TO STONE #2

9-11-85 OK TO COVER ALL TRENCHES TO INLET SIDE, S1461

DATE SYSTEM APPROVED 9-13-85

INSPECTOR S. Abel

(Now #26)  
10/29/79  
Held on per holes built on lot C.B.X.  
[Platt of 7/13/79 #29]  
#22 Section II  
**APPLICATION**

A 27472

P \_\_\_\_\_

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: 465-5000, EXT. 356

DISTRICT 5th

DATE 1/20/78

Lot 25  
3/80

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 Kimburthill, Inc.

*Laurel Services Corp* Marked Nonbuildable on plat review of 1/13/80  
26

ADDRESS 2901 Olney-Sandy Spring Road

PHONE 774-4500

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms

LOT NO. 60

ROAD AND DESCRIPTION Triadelphia Mill Road - 14611 Viburnum Dr.

SIZE OF LOT 3 acres m/1

TYPE BLDG. 3 or 4 bedrooms

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 /s/ Dennis M. Rush

APPROVED BY Raymond G. Gode FOR Trench DATE 9/22/83  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING 9/22/83 Speech with

B.P. # 65439 2-2-85

**THIS IS NOT A PERMIT**


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT: \_\_\_\_\_

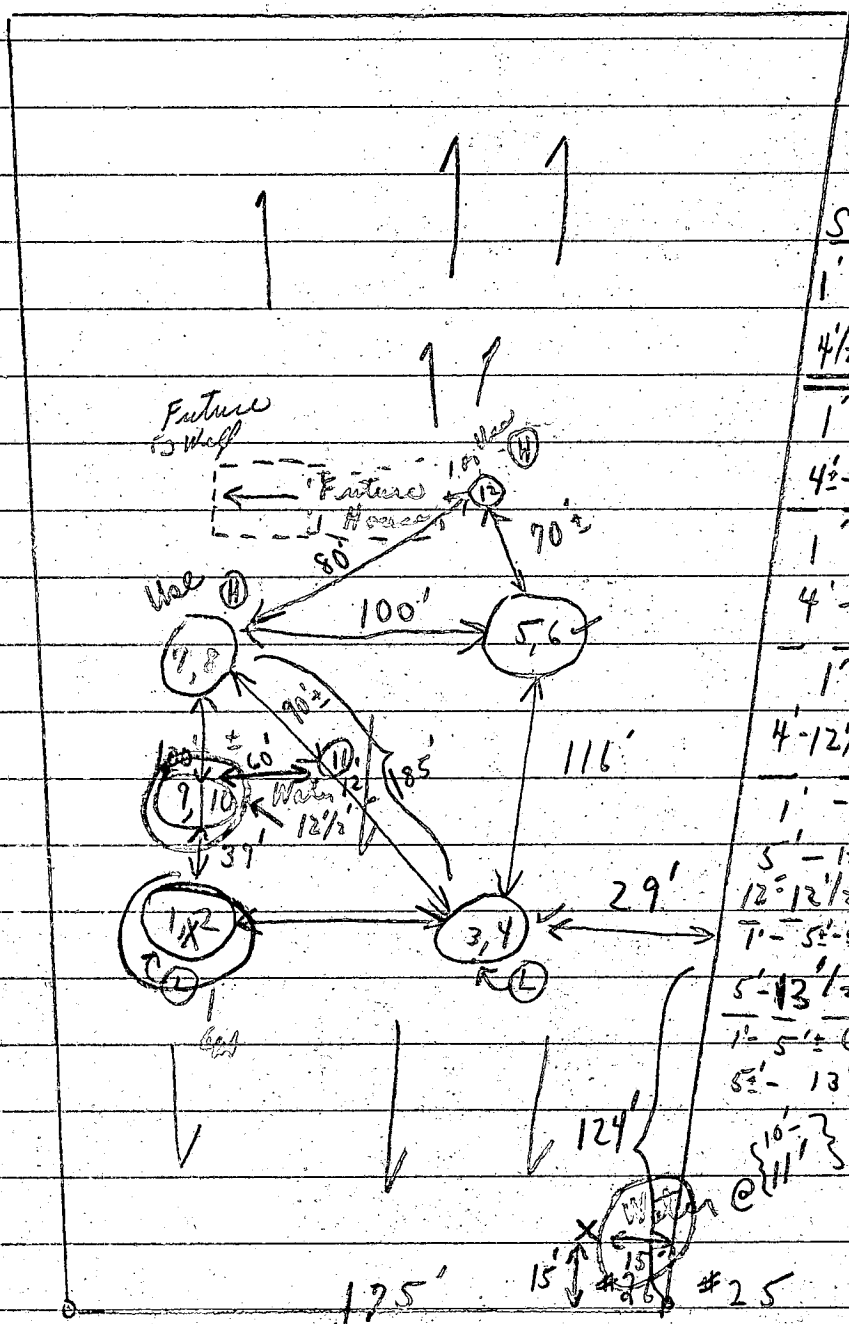
#25  
3/80

{ 7/ old for } Mr. Mark  
 { certified hole } Howie

Congressman C. B. d.  
Mr. Mink

Sail Profile	Depth	#	1 <sup>st</sup>	2 <sup>nd</sup>	2 <sup>nd</sup> <sup>alt</sup>	Total
1' - 4' CLAY	4 1/2'	1	1:10	1:18	1:54	36m
4 1/2' - 12' LOAM	12'	2	1:11	1:25	1:57	3 3/4"
1' - 4' CLAY	4'	3	1:24	1:27	1:35	8m
4' - 13' LOAM	13'	4	1:23	1:52	2:20	28m
1' - 4' CLAY	4'	5	1:40	1:50	2:11	21m
4' - 13' LOAM	13'	6	1:41	1:48	2:09	21m
1' - 4' CLAY	4'	7	2:49	2:57	2:56	5m
4' - 12 1/2' LOAM	12 1/2'	8	2:48	3:00	3:26	26m
1' - 5' CLAY	5'	9	2:12	2:17	2:26	9m
5' - 12' LOAM	12'	10	X	X	X	X
12' - 12 1/2' Water	1'					
1' - 5' - 5 1/2' Clay	13 1/2'	11	Visual	similar to (7 & 8)		
5' - 13 1/2' Loam		12	Visual similar to (7 & 8)			
1' - 5' - 4' Clayish						
5' - 13' Loam	13'					

Mark + Howie  
Measured  
(2,0) to (3,4)  
(3,4) to (5,6)



VI BYKNUM DR

2/21/80

{ 4' - 8'

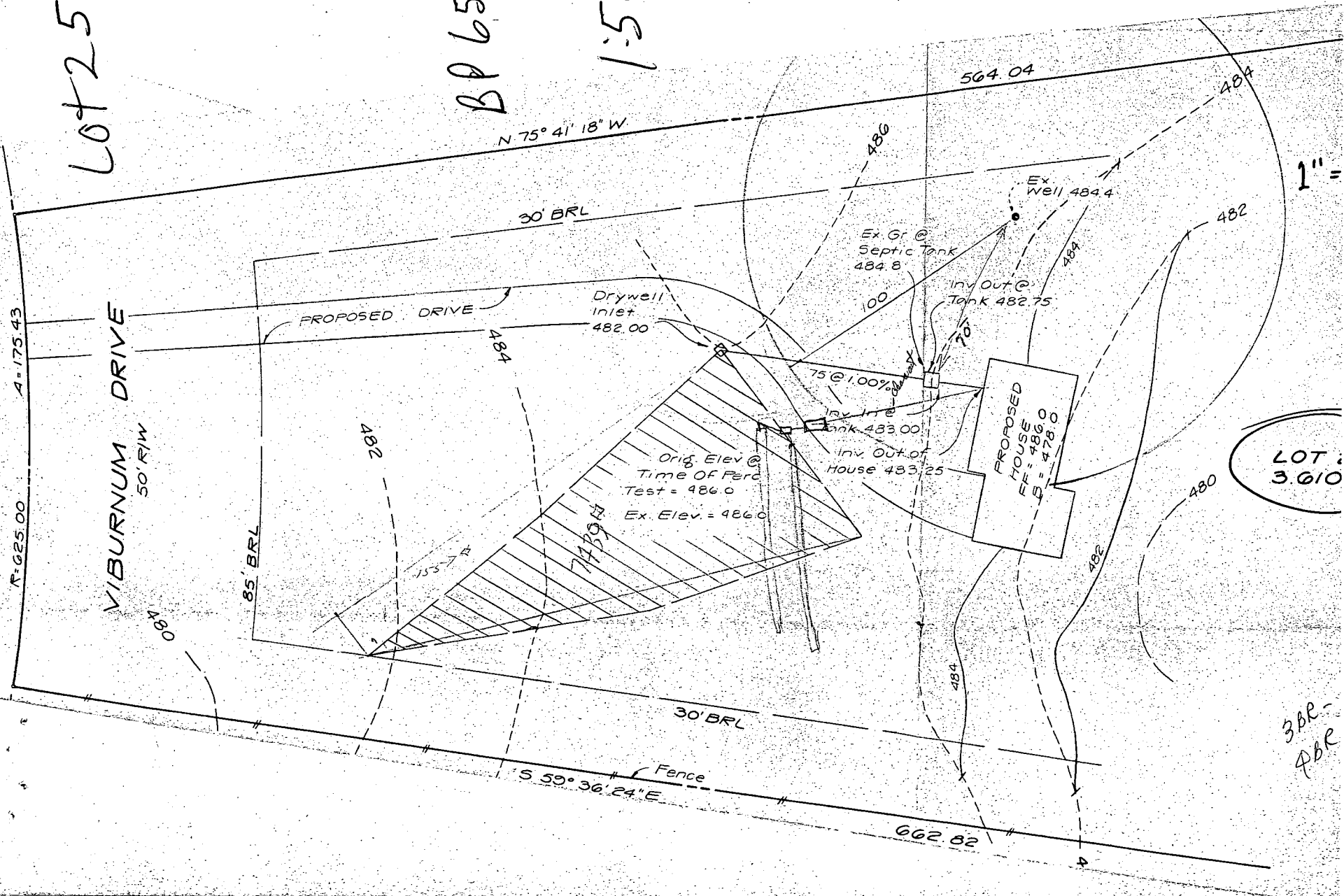
Maximum depth 8'  
4' of stone p.w.m.

24  
Females men

LOT 25

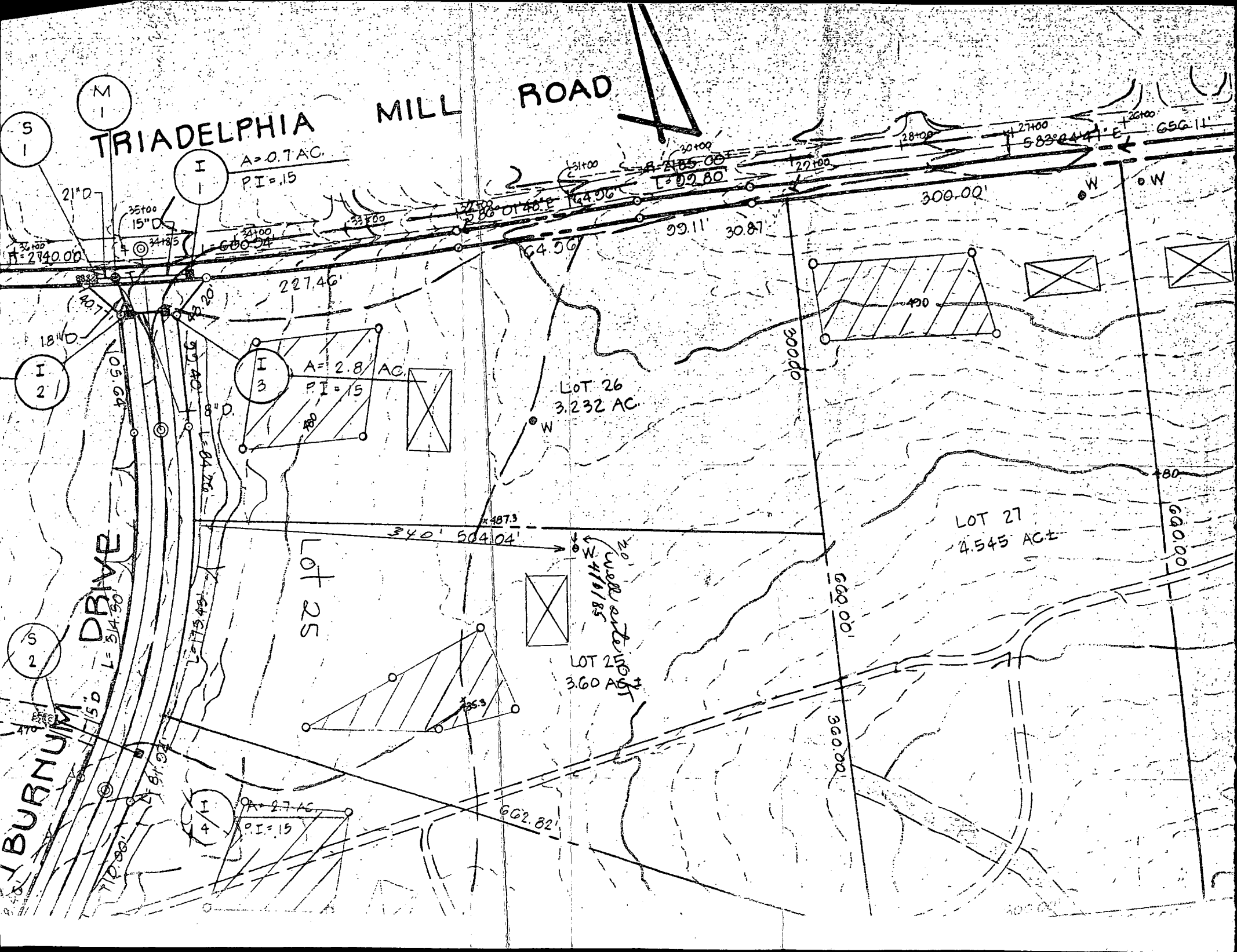
BP 65439

1:50

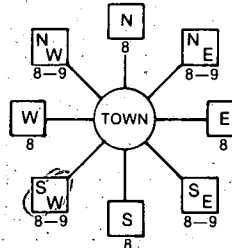
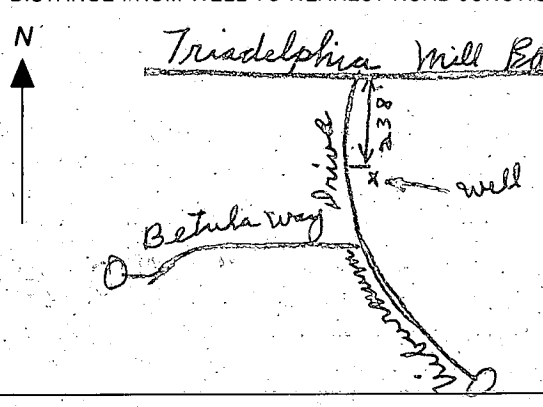


LOT 25  
3.610

3BR-  
4BR





B 1 <b>9594</b> <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS)</small>	SEQUENCE NO. (OEP USE ONLY)	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type	OEP PERMIT NUMBER <b>70-81-0956</b> <small>fill in this form completely</small>
Date Received <b>4/9/85</b> <b>1:00 PM</b> <b>132985</b> OWNER INFORMATION <b>HALL</b> <b>G.</b> <b>MIEHACK</b> 15 Last Name Owner First Name <b>21037</b> <b>GEORGIA</b> <b>Ave</b> 36 Street or RFD <b>BRookeville</b> <b>MD</b> <b>20833</b> 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL <b>HOWARD</b> 8 COUNTY 21 <b>KALMIA FARMS</b> 23 SUBDIVISION 42 SECTION <b>2</b> LOT <b>25</b> 44 46 48 50 <b>DAYTON</b> 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) <b>3</b> <b>MI</b> 73 76 77 78	
DRILLER INFORMATION <b>Joseph H. Mayne</b> Driller's Name 77 License No. 80 <b>238</b> <b>Joseph H. Mayne Well Drilling</b> Firm Name <b>5512 Ridge Rd. Mt. Airy, Md. 21771</b> Address <b>Joseph H. Mayne</b> <b>3/25/85</b> Signature Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 30 NEAR WHAT ROAD <b>Waterman Drive</b> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <b>N</b> WEST <b>W</b> EAST <b>E</b> SOUTH <b>S</b> 34 <b>340</b> 37 DISTANCE FROM ROAD ENTER FT or MI <b>FT</b> 38 39	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <b>5</b> 8 12 AVERAGE DAILY QUANTITY NEEDED <b>500</b> (GAL. PER DAY) 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <b>HOWARD</b> <b>A 27472</b> COUNTY NAME COUNTY NO. OEP SIGNATURE _____ STATE HEALTH INSERT S <input type="checkbox"/> DATE ISSUED <b>040185</b> <b>J. Stayer</b> <b>10/1/85</b> 43 48 VCO SIGNATURE EXP. DATE NORTH GRID <b>507000</b> EAST GRID <b>0794000</b> 50 55 57 63	
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)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <b>WELL</b> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E <b>790 4</b> N <b>500 7</b> 000 000	
APPROXIMATE DEPTH OF WELL <b>240</b> FEET 24 28 APPROXIMATE DIAMETER OF WELL <b>6</b> INCH 30 32		Location of Well <b>80' - Spring</b> <b>35' - Open</b> <b>9 - bags Cement</b> <b>4/9/85</b> <b>JS</b>	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> Jetted & DRIVEN 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 37 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 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 39 <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) 41 _____ 52		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ GAP _____ 54 63 FORCE <b>JS</b> WRITE INITIALS IN BOX PERMIT NO. <b>70-81-0956</b> 67 68 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS			

Review H9363

April 9, 1985

2 mol

Well Permit No. HO - HL-0956  
Location of property (road) Viburnum Drive  
Subdivision Kalmia Farms Lot 25 Block        Plat        Sec. 2  
Well Driller Joseph Marnie Owner Michael Hall

Depth of well 185'  
Distance of measuring point (M.P.) above ground 1 1/2'  
Static water level (S.W.L.) below M.P. 24'

Time pump started 11:45 Pumping rate 10 GPM  
Total time to reach pumping water level \_\_\_\_\_ ft. below M.P.

[illegible]

C1 9597 SEQUENCE NO. (OEP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

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.  
COUNTY NUMBER A 27472

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED 090985 Depth of Well 22 185 26 (TO NEAREST FOOT)  
PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-81-0956

OWNER HALL MICHAEL  
STREET OR RFD VIBURNUM DRIVE first name TOWN DAYTON  
SUBDIVISION KALMIA FARM SECTION 2 LOT 25

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
BROWN Silty	0 26	
SAND	26 76	
GRAY Mic. Rock	76 185	

GROUTING RECORD  
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N  
TYPE OF GROUTING MATERIAL  
CEMENT CM BENTONITE CLAY BC  
NO. OF BAGS 9 NO. OF POUNDS 846  
GALLONS OF WATER 54  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 35 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)  
57 6 80  
60 61 63 64 66 67 70

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

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

C2  
DEPTH (nearest ft.)  
1 H0 725 185  
8 9 11 15 17 21  
23 24 26 30 32 36  
38 39 41 45 47 51  
EACH SCREEN  
SLOT SIZE 1 2 3  
DIAMETER OF SCREEN 56 60 (NEAREST INCH)  
from to

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

C3  
PUMPING TEST  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min. to nearest gal.) 10  
METHOD USED TO MEASURE PUMPING RATE bucket  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 24  
17 20  
WHEN PUMPING 64  
22 25  
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) 31 35  
PUMP HORSE POWER 37 41  
PUMP COLUMN LENGTH (nearest ft.) 43 47  
CASING HEIGHT (circle appropriate box and enter casing height)  
+ above - below  
LAND SURFACE 2 (nearest foot)  
49 50 51

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)  
Viburnum Drive  
340' 25' well

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. 238  
DRILLERS SIGNATURE Joseph T. Mayne  
(MUST MATCH SIGNATURE ON APPLICATION)  
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0956  
 Location of property (road) Veteran Rd.  
 Subdivision Kaloua Jaama Lot 25 Block      Plat      Sec. II  
 Well Driller Joseph Maime Owner Michael Huel

Depth of well 185  
Distance of measuring point (M.P.) above ground 18"  
Static water level (S.W.L.) below M.P. 24'

I. High rate pumping -- reservoir drawdown

Time pump started 11:45 Pumping rate 10 GAL  
Total time 30 min to reach pumping water level 64 ft. below M.P.

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

[illegible]

274/72

WELL PUMP INSPECTION

Owner's Name: LAUREL SERVICE CORP.  
380 MAIN ST.  
Address: LAUREL, MD 953-2300

LOCATION OF PROPERTY:

Kalmia Farms 14611 VIBURNUM DR.  
Lot 25 DAYTON, MD

WELL TAG NUMBER:

PLUMBER OR CERTIFIED PUMP INSTALLER:

ROBERT S. BECK

Phone Number: 421 9279

License Number: 2163

Receipt Number:

35910

Date:

8/26/85

Comments:

O.K. to proceed

Inspection:

Date Well Pump Inspection Was Approved:

Inspector: