

12-18-87  
HAM

03-280209

will  
completion

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

P 40368

A 31637

DISTRICT 3rd

DATE 10/30/87

DATE SYSTEM APPROVED 12/17/87

INSPECTOR RH

Arnold Backhoe & Septic Services, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Ridgeway ROAD 1265 Underwood Road LOT 4

PROPERTY OWNER Charles Lape

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 174 sq. ft. per bedroom. 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 - Start first trench at a point 90 feet from the center of Underwood Road and 170 feet from the left lot line as seen when facing the property from Underwood Road. Run trench(s) along contour toward left lot 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'd Be

PLANS APPROVED BY S. Abel DATE 8/31/83

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.

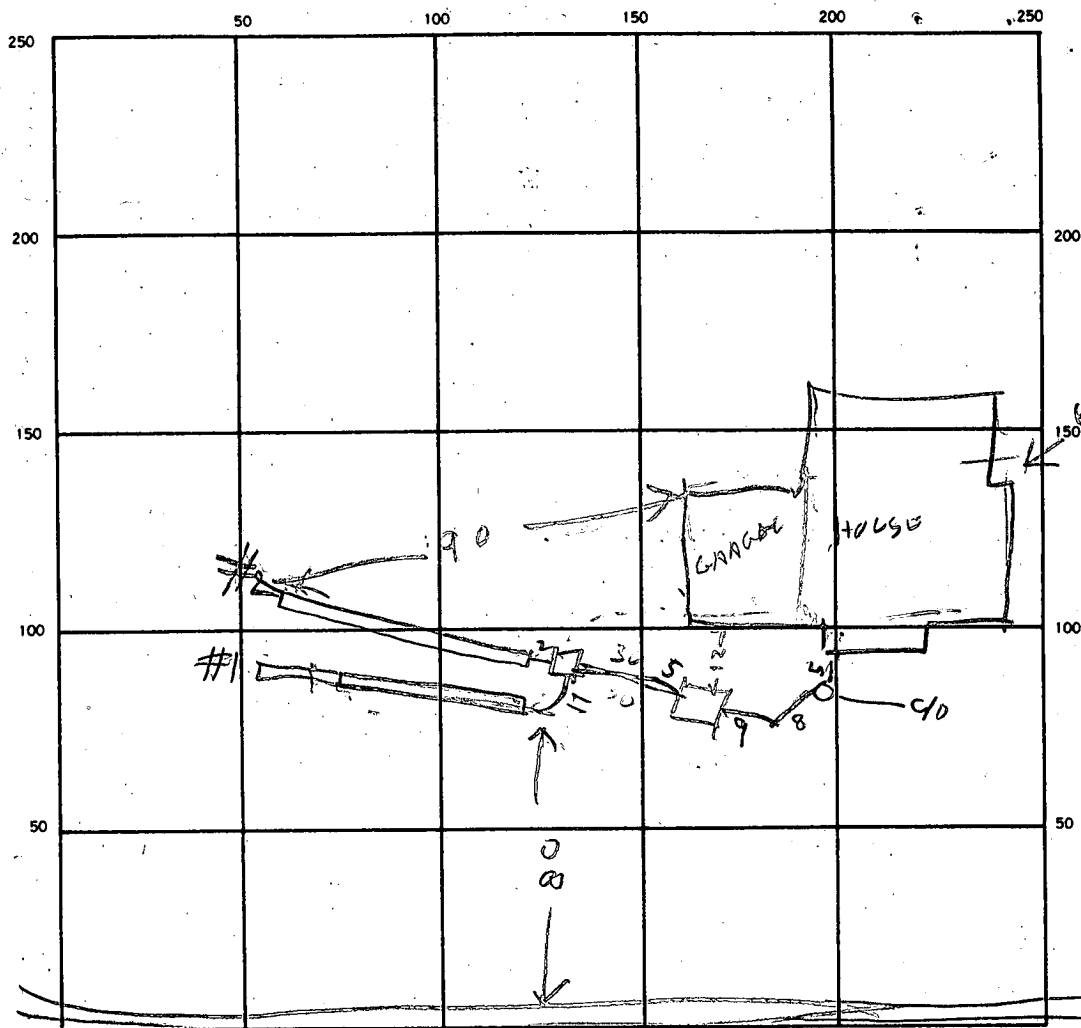
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

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

EH - 2-1186

A  
31637

SIDE



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE.  
UNDERWOOD RD

SEPTIC TANK. LEVEL OK 1250 CLEANOUTS ST. / SEWER  
OK / OK

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

DRAIN FIELD/TILE FIELD. DEPTH 2.5 / 2.5 FT. TRENCH WIDTH 2 / 2 FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH 4.5 / 4.5 FT. TOTAL LENGTH 49 / 64 FT. TOTAL / REQUIRED

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 310 / 286 SQ. FT. 596 / 522

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

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 12/18/87 - LOCATION OK - LENGTHEN TRENCH #2  
ADD STONE & HOOK UP TRENCHES & TANK & BOX  
12/19/87 - TRENCHES LENGTHENED STONE ADDED  
HOOK UP FINISHED

DATE SYSTEM APPROVED 12/18/87 INSPECTOR Raymond Hodges

3/22/82  
Pre. 9:30  
14/30/81  
cancelled  
9:30 A.M.

# APPLICATION

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
ELLCOTT CITY, MD. 31637  
SEP 17 9 26 AM '81

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT R 3

DATE 9-15-81

TO: THE COUNTY HEALTH OFFICER  
ELLCOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER CHARLES L. BELL & WIFE Charles CAPE

ADDRESS 1715 Patapsco St, Baltimore, Md. 21230 PHONE 752-1764

PROPERTY LOCATION:

SUBDIVISION RIDGEWAY LOT NO. 4

ROAD AND DESCRIPTION 1265 UNDERWOOD ROAD

SIZE OF LOT 2.002 ACRES TYPE BLDG. (Spick) House - 3 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. Charles Bell - Glenys J. Bell  
(SIGNATURE OF APPLICANT)

APPROVED BY Stayer & F. Skema FOR Trencher DATE 3/23/82

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

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

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

BLDG. PERMIT SIGNED

AND RETURNED 6/15/82

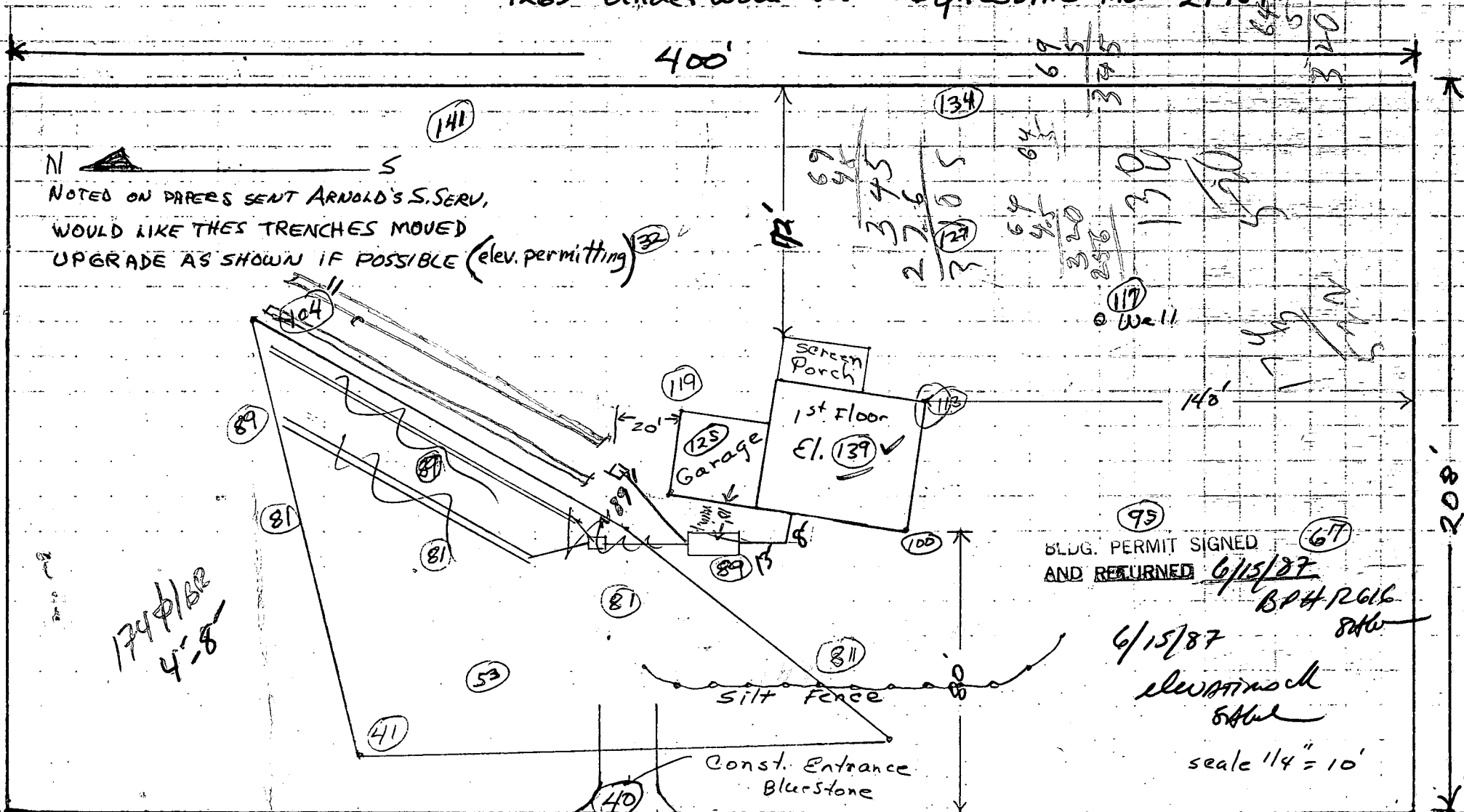
BP 12616  
8/26

# THIS IS NOT A PERMIT



Lot 4 (Parcel 30) Ridgeways - containing 2.02 acres.  
1265 Underwood Rd. - Sykesville md 21784

Existing 50 R/W



# Septic Elevations

Basement Flr. (crawl space) -  
Outlet at Foundation -  
Septic Inlet -  
Septic Outlet -  
Distribution Box -

~~(61)~~  
~~(65)~~  
~~(47)~~  
~~(48)~~  
~~(49)~~

(61) ✓  
(65) ✓ (-BSMT)  
or (61) ✓  
(62) ✓  
(48) ✓  
41" will be 4' below grade

# in with Cape Charles K. & Anna L. Lape  
per mr. Lape  
9626 Autorville Dr.  
College Park md 20740  
301-441-2657

Corner post o

N 85° 15' E 218.00'

N 03° 45' W 200.00'

1.001 Acre

S 03° 45' E 200.00'

S 85° 15' W 218.00'

N 85° 15' E 218.00'

N 03° 45' W 400.00'

2.002 ACRES

S 03° 45' E 400.00'

S 85° 15' W 218.00'

400.00'

N 85° 15' E 218.00'

UNDERWOOD ROAD

N 03° 45' W 0'

2.002 ACRES

S 03° 45' E 400.00'

S 85° 15' W 218.00'

*Field survey subdivision  
lot #4*

430.20'

N 85° 15' E 218.00'

N 03° 45' W 400.00'

2.035 ACRES

S 03° 45' E 413.32'

S 88° 45' W 218.20'

<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>B 7</b> <span style="font-size: 24pt; font-weight: bold;">0786</span> </div> <div style="width: 50%;">             SEQUENCE NO. (OEP USE ONLY)           </div> </div> <div style="font-size: 8pt;">             (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)           </div>	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type	OEP PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 12pt;">               110-81-2103             </div> fill in this form completely
<b>Date Received</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <b>OWNER INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>15</b> Last Name  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">LAPE CHARLES</div> </div> <div style="width: 40%;"> <b>Owner</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">9626 AUTOWILL</div> </div> <div style="width: 20%;"> <b>First Name</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">DR</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>36</b> Street or RFD  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">COLLEGE PARK MD 20740</div> </div> <div style="width: 20%;"> <b>55</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">70</div> </div> <div style="width: 40%;"> <b>Zip</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">76</div> </div> </div>	<b>B 3</b> <b>LOCATION OF WELL</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>8</b> COUNTY  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">HOWARD</div> </div> <div style="width: 60%;"> <b>23</b> SUBDIVISION  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">KINGDAVEY</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>SECTION</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">44-46</div> </div> <div style="width: 20%;"> <b>LOT</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">4</div> </div> <div style="width: 40%;"> <b>MAP 9 PARCEL</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">40</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>52</b> NEAREST TOWN  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">COOKSVILLE</div> </div> <div style="width: 60%;"> <b>MILES FROM TOWN</b> (enter 0 if in town)  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">3 MI</div> </div> </div>	
<b>DRILLER INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>Driller's Name</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">Ralph Mayne</div> </div> <div style="width: 20%;"> <b>77</b> License No. <b>80</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">223</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>Firm Name</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">Ralph Mayne (Well Drilling)</div> </div> <div style="width: 60%;"> <b>Address</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">9120 Brown Church Rd Mt Airy</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>Signature</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">Ralph Mayne</div> </div> <div style="width: 20%;"> <b>Date</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">5/13/82</div> </div> </div>	<b>B 4</b> <b>DIRECTION OF WELL FROM TOWN (CIRCLE BOX)</b> <div style="text-align: center;"> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 40%;"> <b>NEAR WHAT ROAD</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">UNDERWOOD Rd.</div> </div> <div style="width: 60%;"> <b>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</b>  <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">NORTH N</div> <div style="text-align: center;">WEST W</div> <div style="text-align: center;">EAST E</div> <div style="text-align: center;">SOUTH S</div> </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 40%;"> <b>34</b> DISTANCE FROM ROAD  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">140</div> </div> <div style="width: 60%;"> <b>ENTER FT or MI</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">FT</div> </div> </div>	
<b>B 2</b> <b>WELL INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>APPROX. PUMPING RATE (GAL. PER MIN.)</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">5</div> </div> <div style="width: 60%;"> <b>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">500</div> </div> </div>	<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <input checked="" type="checkbox"/> <b>D</b> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  <input type="checkbox"/> <b>F</b> FARMING (LIVESTOCK WATERING &amp; AGRICULTURAL IRRIGATION)  <input type="checkbox"/> <b>I</b> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  <input type="checkbox"/> <b>P</b> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  <input type="checkbox"/> <b>T</b> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)         </div> <div style="width: 60%;"> <b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>COUNTY NAME</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">HOWARD</div> </div> <div style="width: 20%;"> <b>COUNTY NO.</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">A 31637</div> </div> <div style="width: 40%;"> <b>STATE HEALTH INSERT S</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">41</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>DATE ISSUED</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">060387</div> </div> <div style="width: 60%;"> <b>CO-SIGNATURE</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">J. Stanger</div> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>NORTH GRID</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">547000</div> </div> <div style="width: 60%;"> <b>EAST GRID</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">0809000</div> </div> </div> </div> </div>	
<b>APPROXIMATE DEPTH OF WELL</b> <div style="border: 1px solid black; padding: 2px; font-family: monospace;">150</div> FEET	<b>SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X</b> <div style="border: 1px solid black; padding: 2px; font-family: monospace;">Overton OK</div>	
<b>APPROXIMATE DIAMETER OF WELL</b> <div style="border: 1px solid black; padding: 2px; font-family: monospace;">6"</div> INCH	<b>SOURCES OF DRILLING WATER</b> 1. well 2. 3.	
<b>METHOD OF DRILLING (circle one)</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>BORED (or Augered)</b>  <input checked="" type="checkbox"/> <b>AIR-ROTary</b> </div> <div style="width: 20%;"> <b>JETTED</b>  <input type="checkbox"/> <b>AIR-PERCussion</b> </div> <div style="width: 40%;"> <b>Jettied &amp; DRIVEN</b>  <input type="checkbox"/> <b>ROTARY (Hydraulic Rotary)</b> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <input type="checkbox"/> <b>CABLE</b> </div> <div style="width: 20%;"> <input type="checkbox"/> <b>REverse-ROTary</b> </div> <div style="width: 40%;"> <input type="checkbox"/> <b>Drive-POINT</b> </div> </div>	<b>WRITE THE BOX NUMBER FROM THE MAP HERE</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>E</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">8004</div> </div> <div style="width: 60%;"> <b>N</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">5407</div> </div> </div>	
<b>REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <input checked="" type="checkbox"/> <b>N</b> THIS WELL WILL NOT REPLACE AN EXISTING WELL  <input type="checkbox"/> <b>Y</b> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  <input type="checkbox"/> <b>S</b> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  <input type="checkbox"/> <b>D</b> THIS WELL WILL DEEPEIN AN EXISTING WELL         </div> <div style="width: 60%;"> <b>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)</b>  <div style="border: 1px solid black; padding: 2px; font-family: monospace;">41</div> </div> </div>	<b>DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION</b> <div style="text-align: center;"> </div>	
Not to be filled in by driller (OEP USE ONLY)		
<b>APPROX. PERMIT NUMBER</b> <div style="border: 1px solid black; padding: 2px; font-family: monospace;">54 GAP</div>		
<b>FORCE</b> <div style="border: 1px solid black; padding: 2px; font-family: monospace;">3</div>		
<b>PERMIT NO.</b> <div style="border: 1px solid black; padding: 2px; font-family: monospace;">110-81-2103</div>		
<b>SPECIAL CONDITIONS</b> <div style="border: 1px solid black; padding: 2px; font-family: monospace;">441-2652</div>		

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒  
Replacement ☐

Receipt # 40438  
Date 11/6/87

Name of Installer Allen M. Van Sledright Telephone 442-2221

License Number 1862  
Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Charles Lape Telephone 441-2657  
Subdivision Ridge Way Lot # 4 Well Tag # -  
Site Address 1265 Underwood Rd Sykesville

Pump Motor Pitless Adapter  
1. Type 1. Horsepower 1/2hp 1. Make Harwood  
a. Deep well jet 2. RPM - 2. Model # -  
b. Shallow well jet 3. Voltage - 3. Depth 3 FT  
c. Submersible ☒ a. 110 -  
2. Make Garbold b. 220 2  
3. Model # -  
4. Capacity 5 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 Piping Well data  
1. Capacity 42 1. Type #160155 1. Depth 125 ft.  
2. Pressure relief 2. Size 1" 2. Yield 25 GPM  
valve? Yes 3. NSF and/or BOCA 3. Static water  
Code approved Yes level - ft.  
4. Depth of supply 4. Will water supply  
line 3 FT be disinfected by  
installer? ☐

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).

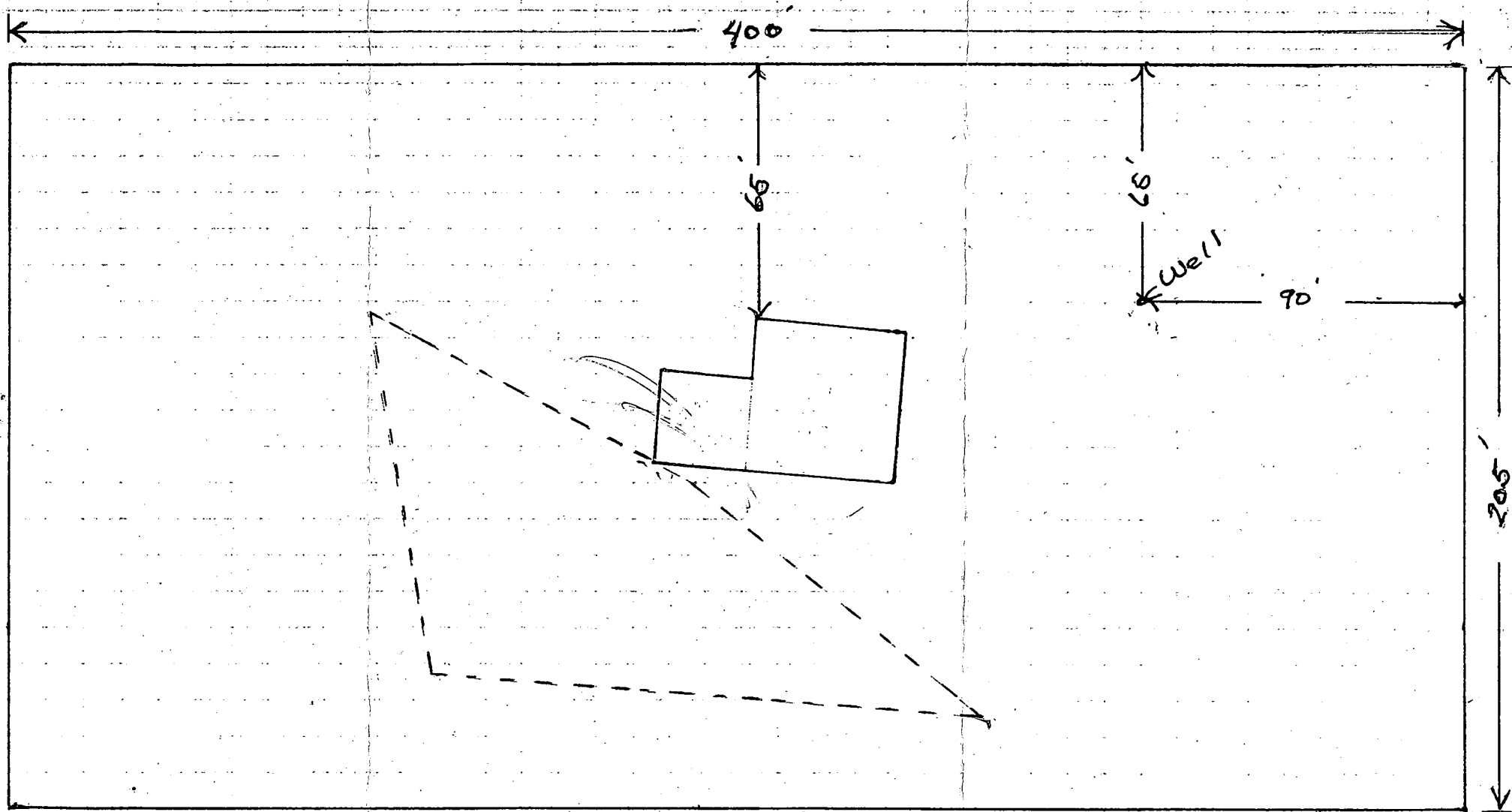
All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]

Date: Oct 6, 1987

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





Underwood Road.

Property  
Lot 4 or Parcel 30 Blk 8  
Ridgeway-Sub.

1265 Underwood Rd.

Sykesville md 21784

Scale  $1/4" = 10'$

owner  
Charles K. & Anna L. Lage  
9626 Autorville Dr.  
College Park md-20740  
301-441-2657

6/9/87

28

Well Permit No. HO - 81-2103

Location of property (road) Underwood Rd

Subdivision RINGSBY Lot 4 Block        Plat        Sec.

Well Driller Ralph Mayne Owner Chas. Lape

Depth of well 125'

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

Static water level (S.W.L.) below M.P. 25'

Time pump started 12:15 Pumping rate 12  
Total time 15 min to reach pumping water level 35' ft. below M.P.

[illegible]