

B 1 7153 SEQUENCE NO. (OEP USE ONLY) 23/83
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-0242

fill in this form completely

Date Received 8/23/83 9:30 A.M.
OWNER INFORMATION
MILLER STEPHEN
601 CARYS BROOK ROAD
BALTIMORE MD 21208

LOCATION OF WELL
HOWARD
COUNTRYSIDE
SLEWOOD
MILES FROM TOWN 1 MI

DRILLER INFORMATION
GEORGE F. EASTERDAY
U.F. EASTERDAY, INC.
2605 BROWN CHURCH RD. MT. AIRY, MD. 21771
George F. Easterday 8/10/83

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) [Map showing directions N, NE, E, SE, S, SW, W, NW]
NEAR WHAT ROAD COUNTRYSIDE DRIVE
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) [Map showing NORTH, WEST, EAST, SOUTH]
DISTANCE FROM ROAD 300 FT

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME A28862 COUNTY NO.
OEP SIGNATURE Frank Skinner DATE ISSUED 2/18/84
NORTH GRID 524000 EAST GRID 0792000

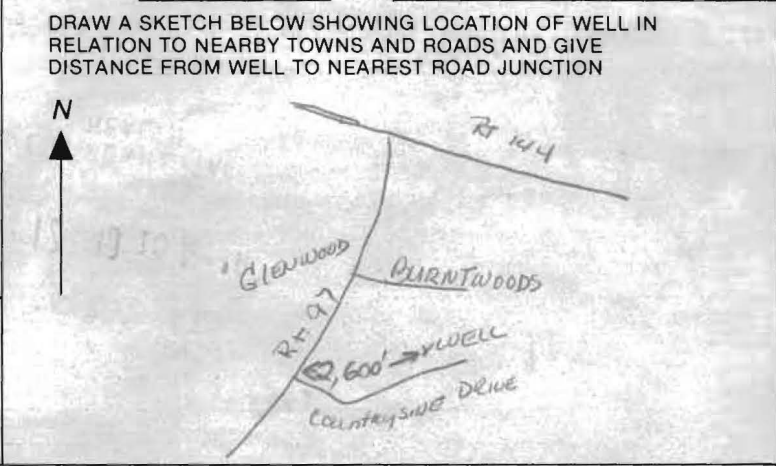
USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. WELL
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E 7902
N 5204
LOCATED OK
42' CASING
2' ABOVE GR.
(22' OPEN TO START
JETTED TO 30'
WELL
8 BAGS CEMENT
8-23-83
C. Williams

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D 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 (OEP USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE FS PERMIT No. HO-81-0242

SPECIAL CONDITIONS

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.

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

COUNTY NUMBER A 28862

DATE RECEIVED: [] [] [] [] [] []
DATE WELL COMPLETED: 08 28 83

Depth of Well FROM "PERMIT TO DRILL WELL"
120 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
40-81-0272

OWNER: Miller last name, Stephen first name
STREET OR RFD: Countryside Drive TOWN: Glenwood
SUBDIVISION: Countryside SECTION: LOT: 8

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	
<u>top soil</u>	<u>0</u>	<u>4</u>	
<u>shale</u>	<u>4</u>	<u>20</u>	
<u>mica</u>	<u>20</u>	<u>25</u>	
<u>Brown mica</u>	<u>25</u>	<u>33</u>	
<u>tan mica</u>	<u>33</u>	<u>50</u>	
<u>tan mica flint</u>	<u>50</u>	<u>65</u>	
<u>mica</u>	<u>65</u>	<u>100</u>	
<u>mica flint</u>	<u>100</u>	<u>120</u>	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 8 NO. OF POUNDS 800
GALLONS OF WATER 45
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 22 ft.

CASING RECORD
casing types insert appropriate code below
ST CO STEEL CONCRETE
PL OT PLASTIC OTHER

MAIN CASING TYPE
Nominal diameter top (nearest inch) 5 7
Total depth of main casing (nearest foot) 120

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

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

SCREEN DEPTH (nearest ft.)

1	<u>40</u>	<u>80</u>	<u>120</u>
2	[]	[]	[]
3	[]	[]	[]

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK from to
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
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3
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 18 WHEN PUMPING 27
TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

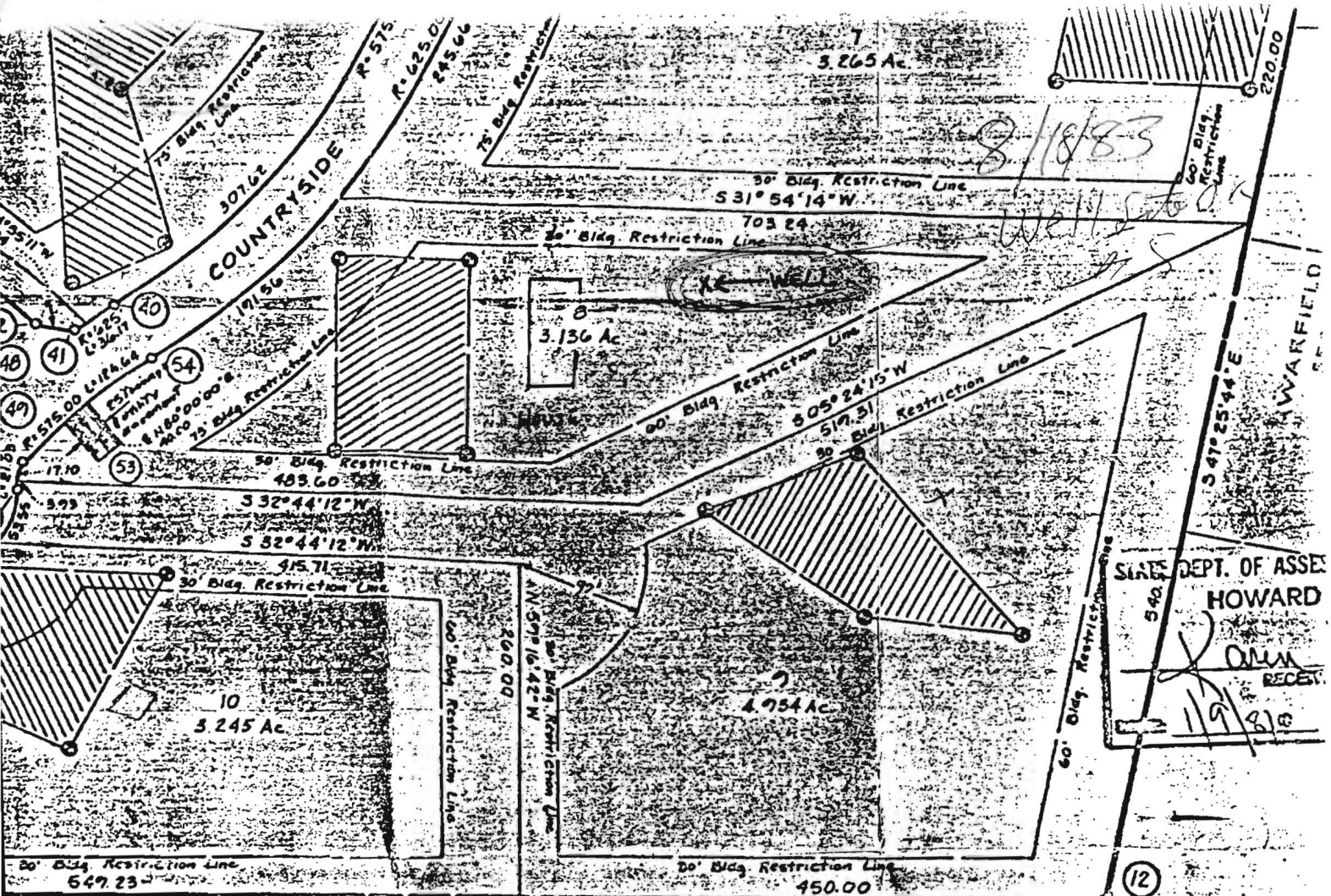
PUMP INSTALLED
DRILLER WILL INSTALL PUMP YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height) above } LAND SURFACE 02 (nearest foot) below }

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)

A CIRCLE APPROPRIATE LETTER 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 (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



SECTION SEVEN WARFIELD ESTATES

DEDICATION 16 PLAT 3706
 Rome and James Diem, owners of the property shown hereon, hereby adopt this plan of subdivision, and in approval of this plat by the Office of Planning and Zoning, esum building restriction lines, and grant unto Howard County, and assigns (1) the right to lay, construct and maintain er pipes and other municipal utilities and services, in and d street rights of way and the specific easement areas shown to require dedication for public use the beds of the streets and/or ins and open space where applicable and for good and other tion, hereby grant the right and option to Howard Co to acquire fee ds of the streets and/or roads and floodplains, storm drainage space where applicable; and (3) the right to require dedication of dge easements for the specific purpose of their construction ace; and (4) that no bldg or similar structure of any kind shall r the said easements and right-of-way.

Woods this 14 day of JAN 1983

SURVEYOR'S CERTIFICATE

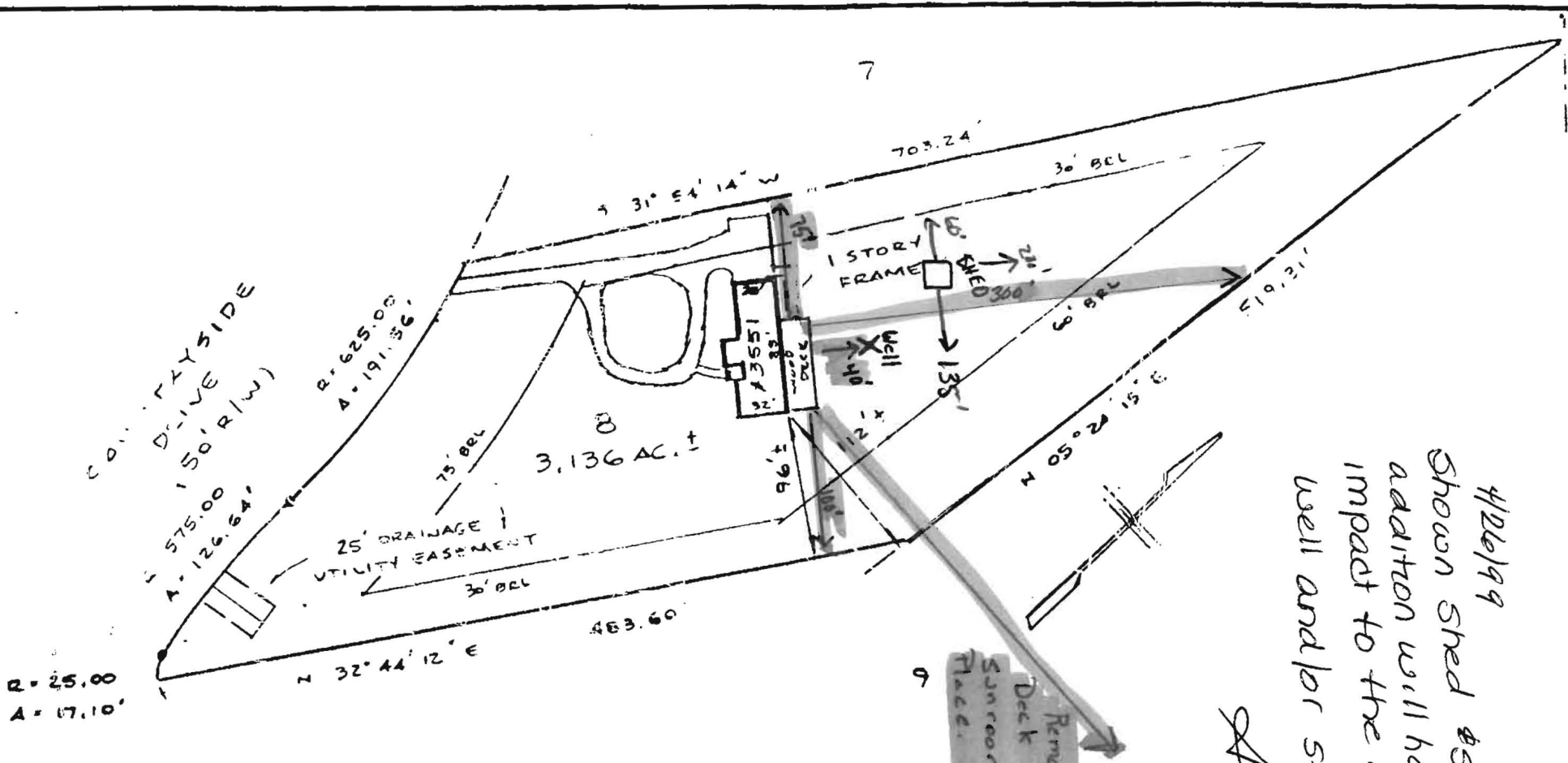
I hereby certify that the Final Plat shown hereon is correct, that it is a subdivision of all the lands conveyed, by Thelma H. Blinger & Donald Schwab to Howard County dated April 1979 and recorded in the Land Records of Howard County, in Liber 235 Folio 411, and that all monuments are in place as shown in accordance with the Annotated Code of Maryland, as amended.



Date 1-4-83

By Rome & James Diem
 The Signatures James F. Diem

COUNTRYSIDE LOT #8
 WELL PERMIT
 STEPHEN A. MILLER
 601 CARYSBROOK ROAD
 BALTIMORE, Md. 21208



Subject property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of HOWARD County, Maryland. Panel # 20 OF 45 Community Panel # 240044-0020 Effective Date: DEC. 4, 1996

4/26/99
 Shown Shed & Sunroom addition well have no impact to the existing well and/or septic

JCH

Remove Part of Deck and put Sunroom in its Place.

This is to certify that I have surveyed the property known as Lot 8
 3551 COUNTRYSIDE DRIVE
 sheet of recorded PLAT NO. 4782 among the Land Records of HOWARD County, Maryland for the purpose of locating the improvements thereon.



J. Carl Hudgins PLS#96

LOCATION SURVEY
 3551 COUNTRYSIDE DRIVE
 COUNTRYSIDE
 HOWARD COUNTY, MD.

NTT ASSOCIATES, INC.
 16205 Old Frederick Road
 Mt. Airy, Maryland 21771
 Phone 442-2031

Scale	1" = 100'
Date	MARCH 9, 1993
Field By	JCH
Drawn By	JCH
Drawing #	EC 2225

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE CONTAINED WITHIN THE OUTLINES OF THE LOT AND IS NOT TO BE USED TO ESTABLISH PROPERTY LINES.

12/29/86 5/13/87

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 # 38244
Date 12/12/86

Name of Installer George Baker

Telephone 788-3080

License number 2214

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Steve Miller

Telephone 776-5688

Subdivision Country Side Lot # 8

Well tag # _____

Site Address 3551 Country Side Drive

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u>1/2</u>	1. Make _____
a. Deep well jet <input checked="" type="checkbox"/>	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage <u>1</u>	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make <u>Myers</u>	b. 220 <input checked="" type="checkbox"/>	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity Yes _____ No <input checked="" type="checkbox"/>		
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 <input checked="" type="checkbox"/> Cable guards <input checked="" type="checkbox"/> Other _____		

Tank	Piping	Well data
1. Capacity <u>42</u>	1. Type _____	1. Depth <u>125</u> ft.
2. Pressure relief valve? <u>75</u>	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____

12/29/86 Pitless Adapter line 3 1/2' below grade - OK to cover

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: George Baker

Date: 12/12/86

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

GLEN
4TH EL
HOWAR
PLOT #

LOT 6

703.24

LOT 8
3.136 AC.

TRENCH 4' DEPTH 2' WIDTH 100'
EXIST. ELEV. = 542.0
INVERT = 538.5

TANK
EXIST. ELEV. = 543.0
INV. OUT = 539.3
INV. IN = 539.7

INV. @ HOUSE = 540.2

WELL EXIST. GRADE 543.5

NO SEWER IN BASEMENT
UNLESS PUMP INSTALLED

N 31° 54' 14" E

E DRIVE
R = 625.00' L = 19136

1:60

25.0' DRAINAGE &
UTILITY EASEMENT

R = 575.00'
L = 126.64'

S 32° 44' 12" W

483.60'

Elevations ok
SJM
6/24/84

