



B 1 2265

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 535266

STATE PERMIT NUMBER

HO-95-2172 fill in this form completely

Date Received (APA) 06 21 11

OWNER INFORMATION

Morath John 1219 Shady Creek Rd Marriottsville MD 21104

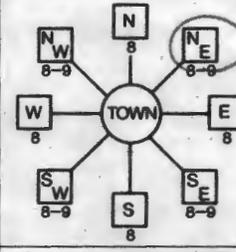
LOCATION OF WELL

Howard COUNTY MEADOWOOD SUBDIVISION SECTION 1 LOT 74 West Friendship NEAREST TOWN MILES FROM TOWN 3

DRILLER INFORMATION

Michael Barlow MWD 355 Barlow Well Drilling 522 Underwood Lane 21014 6/17/11

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



(1219) Shady Creek Rd NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34/50 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 10 BLK: 7 PARCEL 312

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 0 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 0

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A38173 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 7/5/2011 Brian Baber 7/5/2012 CO SIGNATURE EXP. DATE NORTH GRID 549 000 EAST GRID 822 000

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation, Farming, Industrial, Public Water Supply Well, Test, Observation, Monitoring, GEO-THERMAL 4 Bores x 300'

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

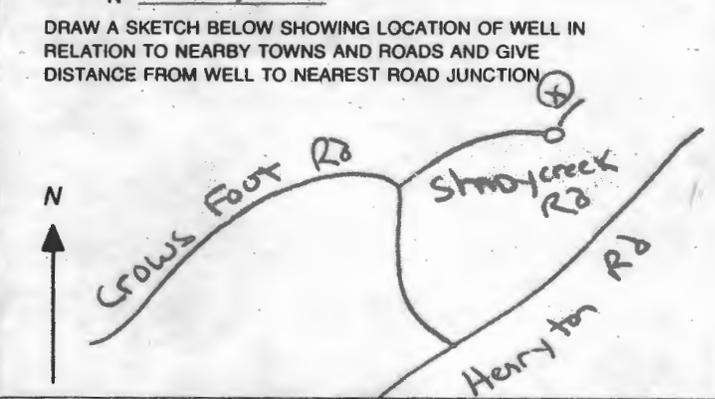
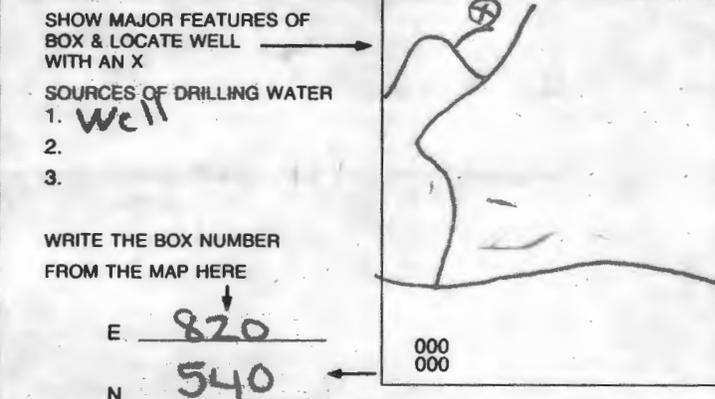
METHOD OF DRILLING (circle one)

- Bored (or Augered), Jetted, Jetted & Driven, Air-Rotary, Air-PerCussion, Rotary (Hydraulic Rotary), Cable, Reverse-Rotary, Drive-Point

REPLACEMENT OR DEEPEINED 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-contact local approving authority for policy on standby wells, This well will deepen an existing well

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER G PERMIT No. HO-95-2172



SPECIAL CONDITIONS Keep Boreholes at Least 30' From Well and 20' From Property Lines

**MICHAEL BARLOW WELL DRILLING  
522 UNDERWOOD LANE  
BEL AIR, MD 21014  
410-838-6910**

June 17, 2011

Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, MD 21046  
Fax: 410-313-2648

Re: 1219 Shadycreek Road, Marriottsville, Maryland

Dear Department of Environment:

Please note unless otherwise specified all geothermal bores installed by our company will be installed as follows:

- Grout: Bentonite Grout 20% solids minimum  
Manufacture(s): Baroid or Wyo-Ben  
Will be grouted from the bottom to the top with grout material
- Piping: Polyethylene SDR 11 160 PSI as recommended per IGSHPA  
Manufacture: EnDot or Charter Plastics or equal, Size 1" or 1 1/4"  
IGSHPA Certification Number 12687

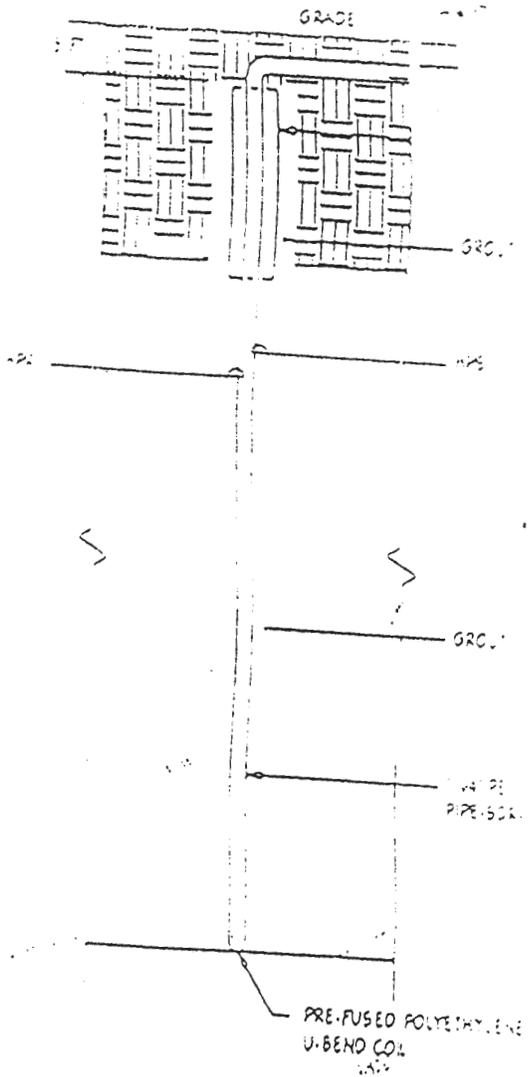
Also attached is a cross section diagram of the bore hole.

We would appreciate your help in getting this permit released as soon as possible so that we can expedite this project. If you have any questions, please do not hesitate to contact me.

Sincerely,



Michael Barlow



11.00
 TYPICAL BORE HOLE DETAIL  
 NOT TO SCALE

**NOTES:**

- 1) B.R.L. Information, if shown, was obtained from existing record plat or local agencies and is not guaranteed by NTT, Inc.
- 2) Building line and/or Flood Zone information is subject to the interpretation of the originator.
- 3) NTT, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
- 4) Property markers NOT found, or guaranteed by this location.
- 5) Setback distance accuracy: 1' ±

**Building Restriction Lines:**  
 Front....125'  
 Sides....30'  
 Rear.....60'

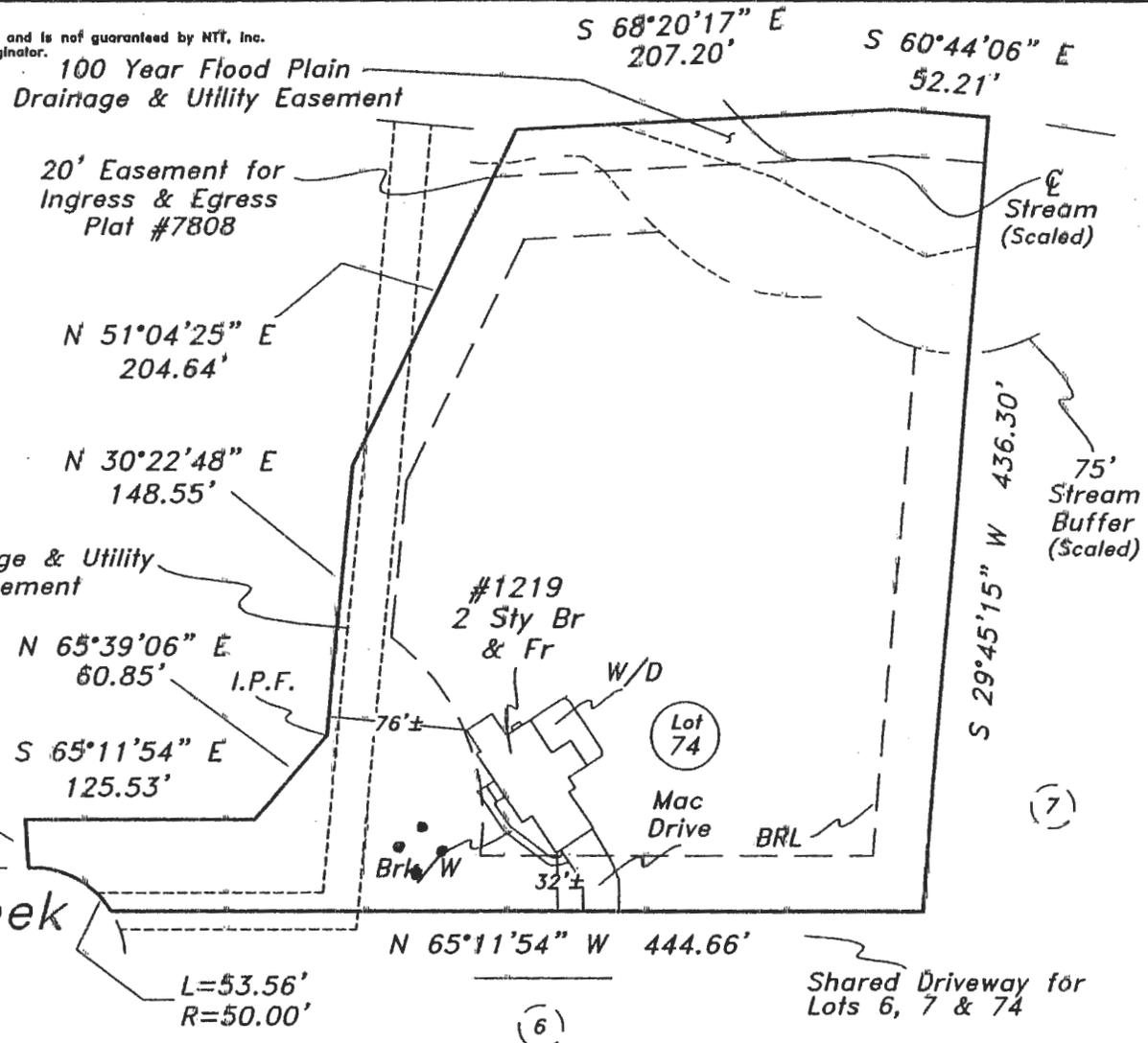
*1/5/2011*  
*Boulevard*  
*Location*  
*Plan*  
*BB*



(75)

*Shady Creek*  
*Road*

Subject property is shown in Zone C or the FIRM Map of Howard County, Maryland on Community Panel # 240044 0010B. Effective 12-4-86



**LOCATION DRAWING**  
 1219 Shady Creek Road  
 Howard County, Maryland  
 Election District No. 03

This is to certify that I have surveyed the property shown hereon, being known as Lot 74, Section 1, MEADOWOOD and recorded among the land records of Howard County, Maryland in Plat 9598 folio for the purpose of locating the improvements thereon.

- \* This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing purposes.
- \* This plat is not to be relied upon for the establishment of location of fences, garages, buildings, or other existing or future structures.
- \* This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.

**NTT Associates, Inc.**  
 16205 Old Frederick Road  
 Mt. Airy, Maryland 21771  
 Ph. (410)442-2031  
 Fax No. (410)442-1315

Scale:	1"=100'
Date:	8-21-08
Field By:	Don Walt
Drawn By:	Don Walt
Drawing #	7524TIM