

C1

6582

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED

MM 5 DD 27 YY 08

22 300 26 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER: Howard County, Maryland (Robinson Nature Center) STREET OR RFD: Cedar Lane TOWN: SIMPSONVILLE SECTION: LOT:

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows: Brown soil (0-55), Medium hard limestone (55-300).

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

yes Y no N

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 13 NO. OF POUNDS 325

GALLONS OF WATER 325

DEPTH OF GROUT SEAL (to nearest foot) from 2 ft. to 300 ft.

CASING RECORD

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

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

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.)

Table for depth with columns 1-51 and rows E, A, C, H, S, C, R, E, N.

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

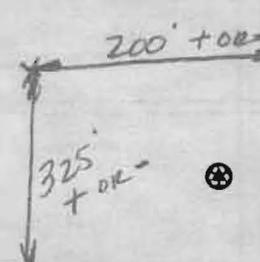
PUMPING TEST

HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 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 (nearest foot) 49 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)



NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED yes Y no N

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 26.04.04 "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 LIC. NO. 1 M W D 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

EDGE OF HILL CEDAR LN.

Right Pmp Lw

B 1 0510

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 529878 please type

STATE PERMIT NUMBER

HO-95-1611 fill in this form completely

Date Received (APA)

OWNER INFORMATION

Howard County, Maryland 9250 Bendix Rd Columbia, Md 21045

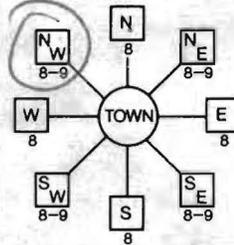
B 3 LOCATION OF WELL

Howard 8 COUNTY 21 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 Simpsonville 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1.0 MI 73 76 77 78

DRILLER INFORMATION

Michael Barlow M W D 355 Barlow Well Drilling Service 522 Underwood Ln, Bel Air, Md 4-1-08

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Robinson Nature Center Cedar Lane

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH 32 EAST SOUTH WEST 34 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 35 BLK: 22 PARCEL 87

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 0 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 000

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, DEWATERING
P PUBLIC WATER SUPPLY WELL
T TEST, OBSERVATION, MONITORING
G GEO-THERMAL 1-300 Test Bore

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 4/17/08 Brian Baber 4/17/2009 CO SIGNATURE EXP. DATE NORTH GRID 494 000 EAST GRID 830 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 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 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER G PERMIT No. HO-95-1611

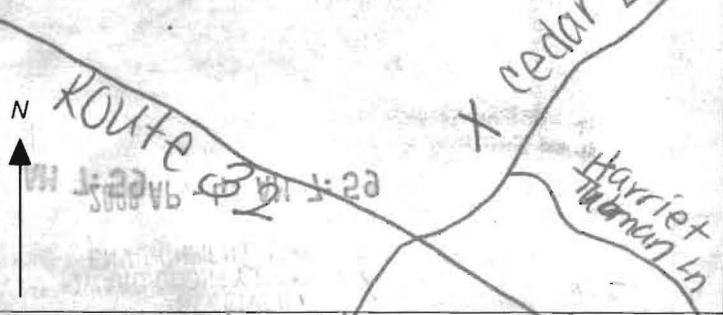
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. 2. 3.

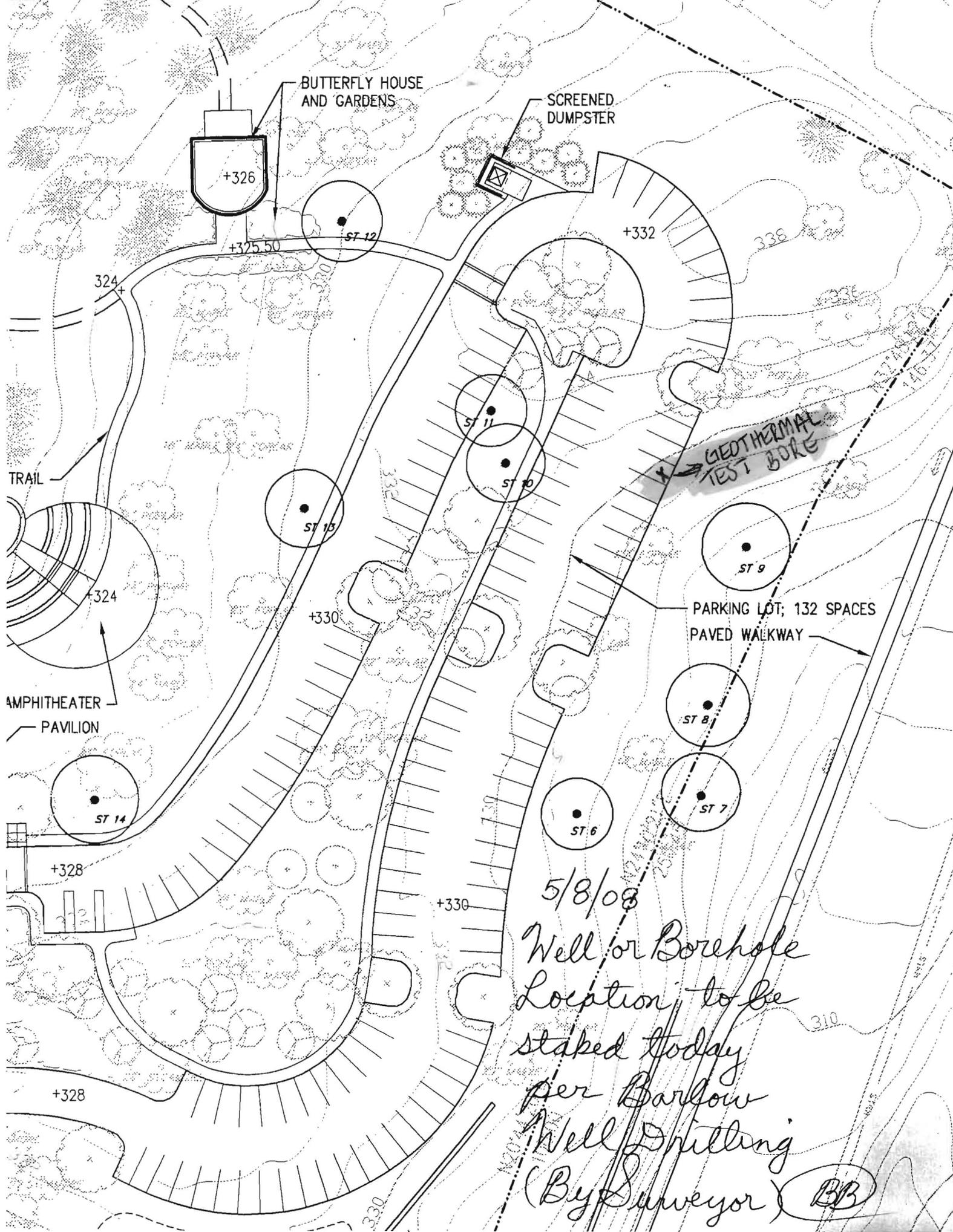
WRITE THE BOX NUMBER FROM THE MAP HERE

E 830 000 N 4904 000

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS Use Tremie Pipe From Bottom of Well to Top When Grouting



BUTTERFLY HOUSE AND GARDENS

SCREENED DUMPSTER

+326

+332

324

+325.50

ST 12

338

TRAIL

ST 11

ST 10

GEOTHERMAL TEST BORE

ST 15

ST 9

+324

PARKING LOT; 132 SPACES
PAVED WALKWAY

+330

AMPHITHEATER
PAVILION

ST 8

ST 14

ST 7

+328

ST 6

+330

5/8/08

Well or Borehole
Location, to be
staked today
per Barlow
Well Drilling
(By Surveyor) BB

+328

310

BB

Day 10: 05-36 4949

B 1	3699	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 531944 please type	STATE PERMIT NUMBER <u>HO-95-1824</u> 70 fill in this form completely 79
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Date Received (APA)
8 MM DD YY 13
Howard County - Public Works

OWNER INFORMATION

15 Last Name Owner First Name 34
Howard County - Public Works

36 Street or RFD 55
3430 Court House Drive

57 Town 70 State 72 Zip 76
Elliott City Md 21403

B 3 LOCATION OF WELL

8 COUNTY 21
Howard

23 SUBDIVISION 42
Simpsonville - Nature Center

SECTION 44 46 LOT 48 50
Columbia

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 0 M I
73 76 77 78

DRILLER INFORMATION

Driller's Name 76 License No. 81
Marshall Arnette M 5 D 106

Firm Name
Allied Environmental Services

Address
PO Box 1242, Millersville Md 21108

Signature Date
Marshall Arnette 9/30/09

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 NEAR WHAT ROAD 30
6692 Cedar Lane

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 37 NORTH SOUTH WEST EAST

DISTANCE FROM ROAD ENTER FT OR MI 38 39
0

TAX MAP: 35 BLK: 22 PARCEL 87

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, DEWATERING

P PUBLIC WATER SUPPLY WELL

T TEST, OBSERVATION, MONITORING

G GEO-THERMAL 10 Closed Loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME COUNTY NO. 13

STATE SIGNATURE _____ INSERT S _____

DATE ISSUED 10/14/09 CO SIGNATURE Kim Wolf EXP. DATE 10/14/10

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 494 000 EAST GRID 0830 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 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

39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ G _____

PERMIT No. HO-95-1824
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

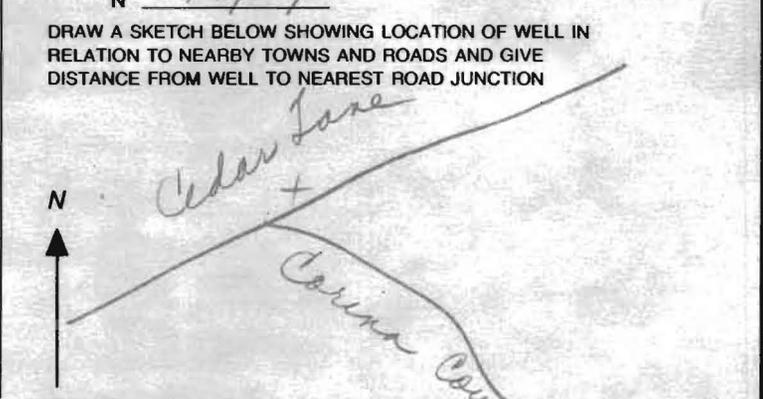
1. Driller Well

2. _____

3. _____

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830 000
N 494 000



SPECIAL CONDITIONS
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 1	3646	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 531944 please type	STATE PERMIT NUMBER Ho-95-1826 fill in this form completely
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OWNER INFORMATION

Date Received (APA) _____

8 MM DD YY 13

Howard County - Public Works

15 Last Name Owner First Name 34

3430 Court House Drive

36 Street or RFD 55

Ellicott City Md 21043

57 Town 70 State 72 Zip 76

LOCATION OF WELL

B 3

Howard

8 COUNTY 21

Simpsonville - Nature Center

23 SUBDIVISION 42

SECTION 44 46 LOT 48 50

Columbia

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 0 M I 73 76 77 78

DRILLER INFORMATION

Marshall Annette M S D 106

Driller's Name 76 License No. 81

Allied Environmental Services

Firm Name

PO Box 1242, Drillersville Md 21088

Address

Marshall Annette 9/30/09

Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

B 4

1 2

6692 Cedar Lane

11 NEAR WHAT ROAD 30

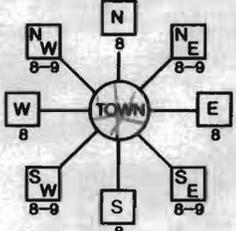
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 37

DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 35 BLK: 22 PARCEL 87



WELL INFORMATION

B 2

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 I INDUSTRIAL, COMMERCIAL, DEWATERING

P PUBLIC WATER SUPPLY WELL

T TEST, OBSERVATION, MONITORING

G GEO-THERMAL 10 Closed Loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

COUNTY NAME COUNTY NO. 13

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 10/14/09

43 MM DD YY 48 CO SIGNATURE Jim Wolf 10/14/10

NORTH GRID 50 494 000 55 EAST GRID 57 0830 000 63

APPROXIMATE DEPTH OF WELL 300 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 INCH

NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVERSE-ROTary DRIVE-POINT

other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

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39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER _____ G _____

PERMIT No. Ho-95-1826

70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. Driller Well

2.

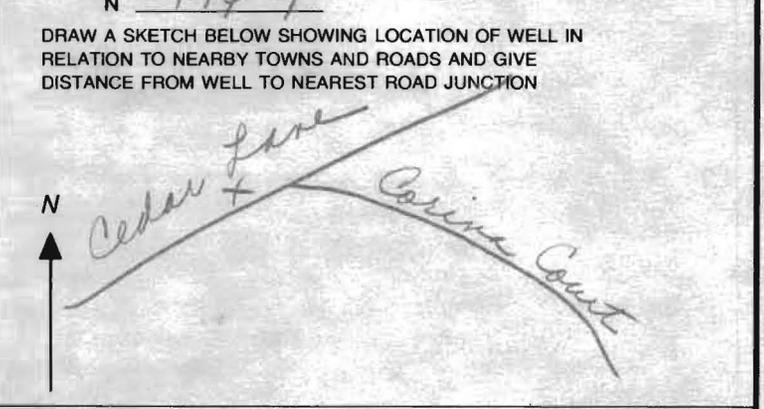
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830

N 4904

000
000



July 10: 05-364949

EMERGENCY/TEMP NO. IF ANY

B 1 3645
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
531944 please type

STATE PERMIT NUMBER
40-95-1827
70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
Howard County - Public Works
15 Last Name Owner First Name 34
3430 Court House Drive
36 Street or RFD 55
Ellisatt City Md 21043
57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

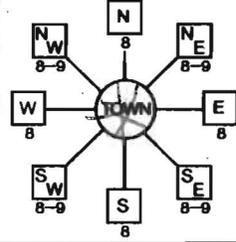
Howard
8 COUNTY 21
Simpsonville (Nature Center)
23 SUBDIVISION 42
SECTION 44 46 LOT 48 50
Columbia
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 0 MI
73 76 77 78

DRILLER INFORMATION

Marshal Arnette MSD 106
Driller's Name 76 License No. 81
Allied Environmental Services
Firm Name
PO Box 1242, Dullersville Md 21108
Address
Signature Date 9/29/09

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



6692 Cedar Lane
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
34 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP: 35 BLK: 22 PARCEL 87

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)
8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL 10 Closed Loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 13 COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 10/14/09
10/14/09 CO SIGNATURE Phil Kaff 10/14/09 EXP. DATE
43 MM DD YY 48
NORTH GRID 494 000 EAST GRID 0830 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
37 CABLE REVERSE-ROTary DRIVE-POINT
other

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
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 - THIS WELL WILL DEEPEAN AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

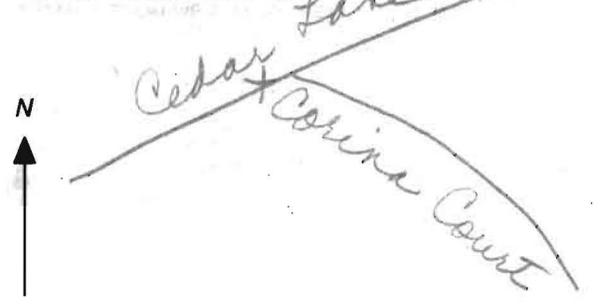
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
- 1. Driller Well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830
N 494

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER
PERMIT No. 40-95-1827
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

July 10: 05-364149

EMERGENCY/TEMP NO. IF ANY

B 1 3649
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please type

STATE PERMIT NUMBER

HO-95-1828
70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
Howard County - Public Works
15 Last Name Owner First Name 34
3430 Court House Drive
36 Street or RFD 55
Ellicott City Md 21043
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

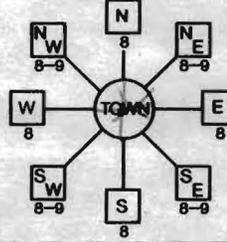
8 COUNTY 21
Howard
23 SUBDIVISION 42
Simpsonville (Nature Center)
SECTION 44 46 LOT 48 50
Columbia
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 0 MI
73 76 77 78

DRILLER INFORMATION

Marshal Arnette M 5 D 106
76 License No. 81
Allied Environmental Services
Firm Name
PO Box 1242, Millersville Md 21108
Address
Signature Date 9/30/09

B 4

1 2
DIRECTION OF WELL FROM
TOWN (CIRCLE BOX)



6692 Cedar Lane
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)
NORTH N
WEST W EAST E
SOUTH S
34 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP: 35 BLK: 22 PARCEL 87

B 2

WELL INFORMATION

APPROX. PUMPING RATE
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED
(GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, DEWATERING
- P PUBLIC WATER SUPPLY WELL
- T TEST, OBSERVATION, MONITORING
- G GEO-THERMAL 10 Closed Loops

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 13 COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 10/14/09
43 MM DD YY 48 CO SIGNATURE EXP. DATE 10/14/10
NORTH GRID 494 000 EAST GRID 0830 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
37 CABLE REVERSE-ROTary DRIVE-POINT
other

REPLACEMENT OR DEEPEMED WELLS
(CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
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- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED
(IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

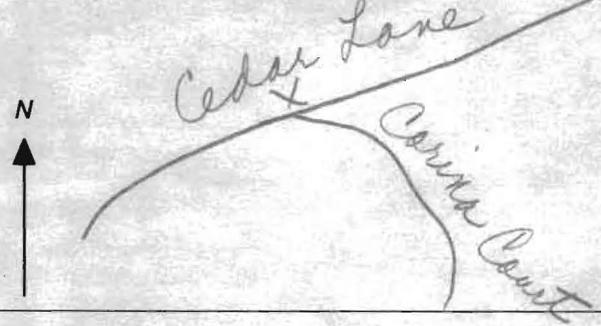
APPROX. PERMIT NUMBER G
PERMIT No. HO-95-1828
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF
BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
1. Driller Well
2.
3.

WRITE THE BOX NUMBER
FROM THE MAP HERE
E 830
N 490/4
000
000

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN
RELATION TO NEARBY TOWNS AND ROADS AND GIVE
DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 1	3648	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 531944 please type	STATE PERMIT NUMBER 40-95-1829 fill in this form completely
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OWNER INFORMATION

Date Received (APA) _____

8 MM DD YY 13

Howard County - Public Works

15 Last Name Owner First Name 34

3430 Court House Drive

36 Street or RFD 55

Elliott City Md 21043

57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

Howard

8 COUNTY 21

Simpsonville (Nature Center)

23 SUBDIVISION 42

SECTION 44 46 LOT 48 50

Columbia

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 0 M I

73 76 77 78

DRILLER INFORMATION

Marshal Arnette M S D 106

Driller's Name 76 License No. 81

Allied Environmental Service

Firm Name

PO Box 1242, Millersville Md 21108

Address

Signature Date 9/30/09

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

6692 Cedar Lane

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 37

DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: 35 BLK: 22 PARCEL 87

B 2 WELL INFORMATION

1 2 APPROX. PUMPING RATE (GAL. PER MIN.)

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, DEWATERING

P PUBLIC WATER SUPPLY WELL

T TEST, OBSERVATION, MONITORING

G GEO-THERMAL 3 Closed Loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

COUNTY NAME COUNTY NO. 13

STATE SIGNATURE INSERT S →

DATE ISSUED 10/14/09

43 MM DD YY 48 CO SIGNATURE EXP. DATE 10/14/10

NORTH GRID 50 6494 000 EAST GRID 57 0830 000

APPROXIMATE DEPTH OF WELL 300 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 INCH

NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

37 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

39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ G _____

PERMIT No. 40-95-1829

70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. Driller Well

2. _____

3. _____

WRITE THE BOX NUMBER FROM THE MAP HERE

E 830

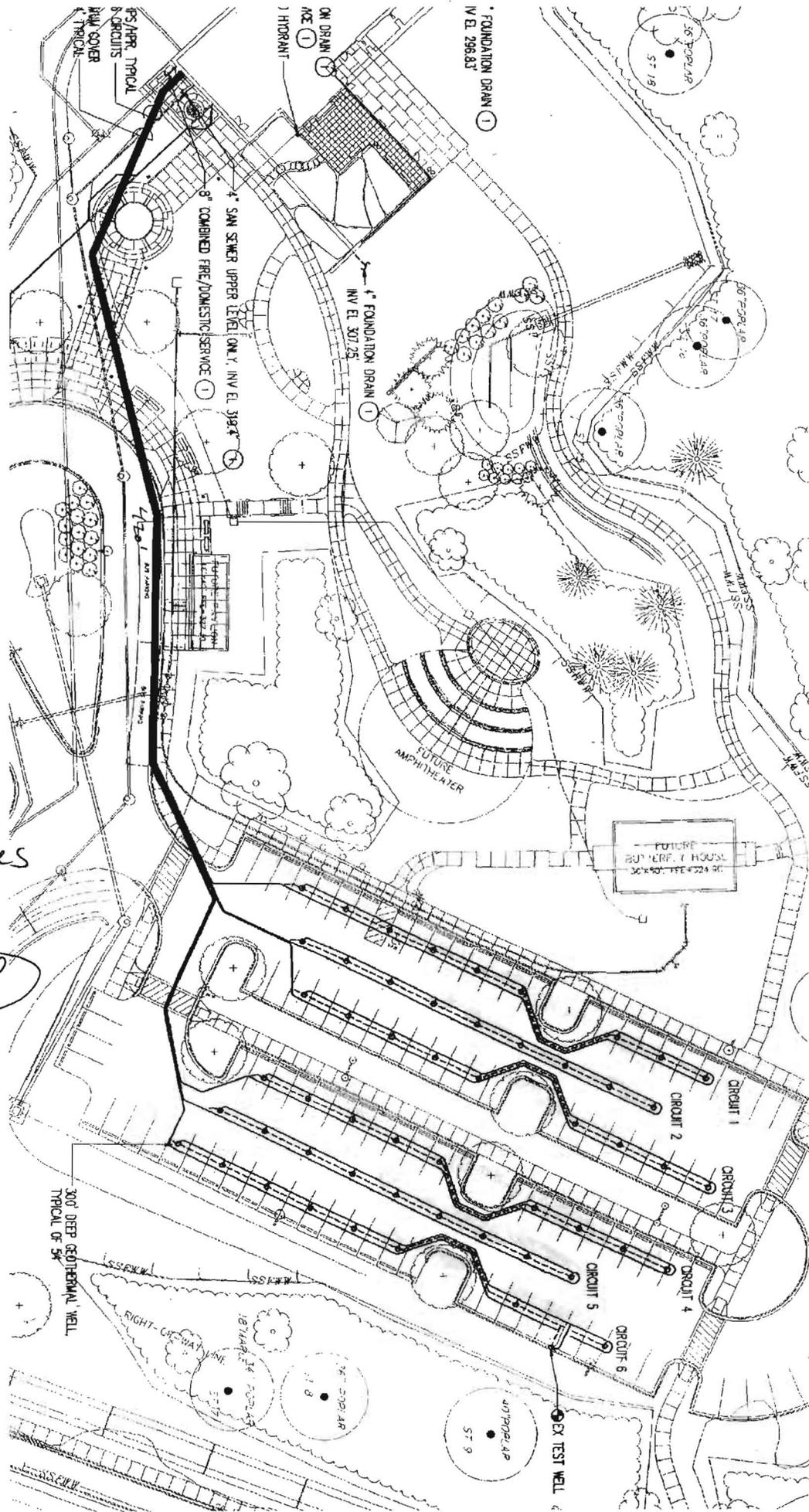
N 4904

000 000

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



10/14/09
 53 geo bores
 approved.

Kw

ROBINSON NATURE CENTER
HOWARD COUNTY, MARYLAND



hord|coplan|macht
HORD COPLAN MACHT, INC.
ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN
750 E. Pratt Street, Suite 1100
Baltimore, MD 21202
410.837.7311
410.837.6230 fax
www.hcm2.com

CONSULTANTS

6692 Cedar Lane

SEAL
DRAWN BY: DD
CHECKED BY: CS

NO.	DESCRIPTION	DATE

Site Plan

SCALE	DATE	PROJ.#
AS NOTED	06-29-07	26154.10
PROJECT PHASE		
Schematic Design		
DRAWING #		

