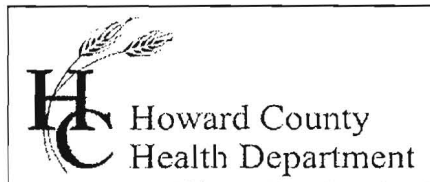


A545142



Bureau of Environmental Health  
 7178 Gateway Drive Columbia, MD 21046  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

Maura J. Rossman, M.D., Acting Health Officer

## APPLICATION

### FOR PERCOLATION TESTING AND SITE EVALUATION

#### PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT # \_\_\_\_\_  
 PROPERTY ADDRESS 13245 Triadelphia Rd E. City 21042  
STREET TOWN ZIP  
 TAX ACCOUNT # \_\_\_\_\_ TAX MAP \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL \_\_\_\_\_ ZONING DESIGNATION \_\_\_\_\_

#### PROPERTY OWNER(S)

Kim Sands  
 DAYTIME PHONE 410-531-5063 CELL \_\_\_\_\_ EMAIL Kimisands@hotmail.com  
 MAILING ADDRESS 13245 Triadelphia Rd E. City 21042  
STREET CITY, STATE ZIP

#### APPLICANT

Scott Carroll Backhoe RELATIONSHIP TO OWNER: \_\_\_\_\_  
 DAYTIME PHONE 410-4197 CELL 410-596-3618 EMAIL SCBACKHOE@comcast.net  
 MAILING ADDRESS 4410 Salem Bottom Rd Westminster 21157  
STREET CITY, STATE ZIP

#### I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):

##### BUILDING:

- ☒ RESIDENTIAL WITH 4 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE  
☐ COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

##### PROPERTY:

- ☐ SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: \_\_\_\_\_  
☐ CONSTRUCT NEW OSDS ON UNDEVELOPED LOT  
☒ REPAIR OR REPLACE FAILING OSDS  
☐ UPGRADE EXISTING OSDS

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- ☐ YES  
☒ NO

#### AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

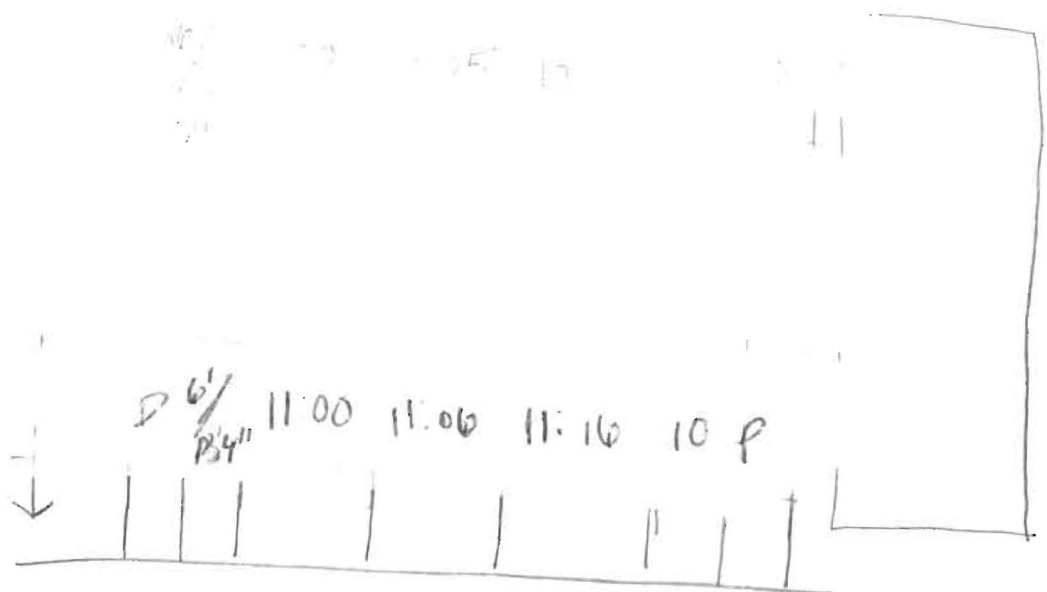
SIGNATURE OF APPLICANT

DATE

A

15

D  
org bin  
51  
org rec bin  
51  
13'4" <sup>pink bin</sup>  
for separate



RECEIVED  
SEP 05 2013  
HOWARD COUNTY HEALTH DEPT.  
BUREAU OF ENVIRONMENTAL HEALTH

15.4  
11.13

4' deep at house  
HOOT BNR

ADP 545142

Triadelphia Rd Not to scale

**[A]**

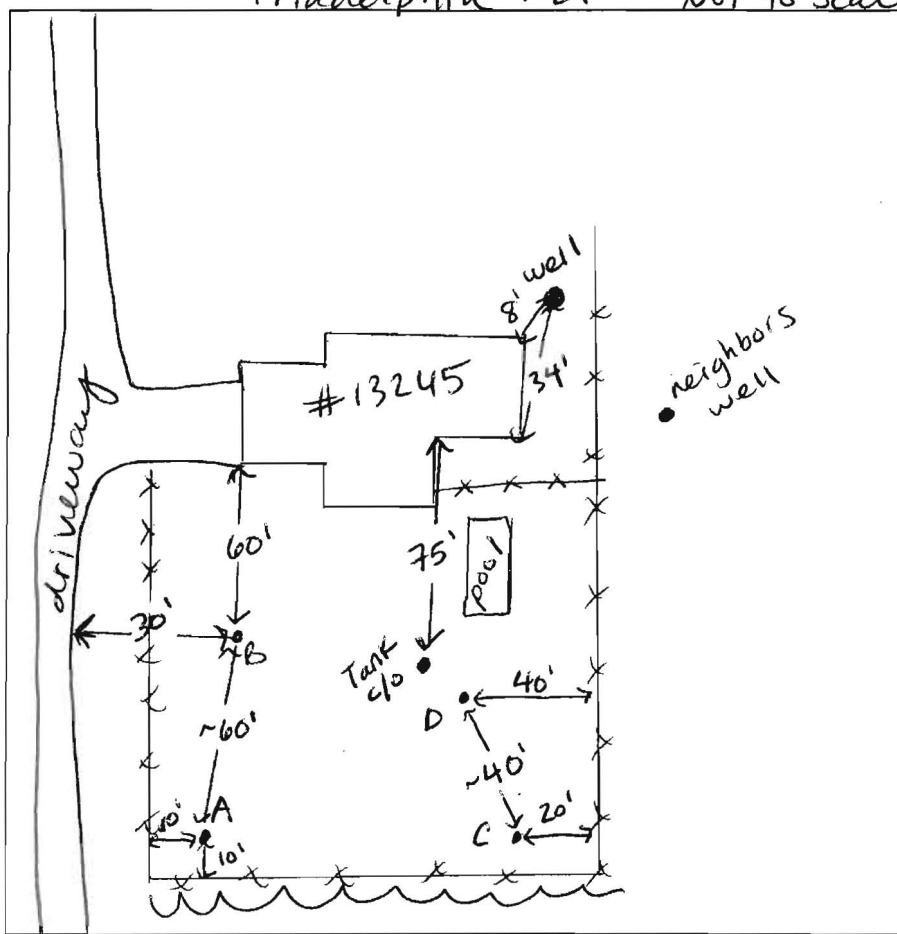
8" bml  
red org scl lcsbk  
10% rx  
5' red sl  
7' red fs l  
micaceous saprolite  
9' brn fs l  
ch  
13' 15% boulders

**[B]**

6" bml  
red brn cl  
3' red brn scl 2msbk  
5' yellow ch sl  
8' yellow fs l saprolite  
10' red brn fs l  
13' 15% rx

**[C]**

6" brn l  
yellow brn scl lcsbk  
5' yellow sl saprolite  
7' tan ch fs l  
11' tan flis  
13.4' ↓



**[D]**

8" bml  
3.5' org cl  
5' org scl  
8' org brn sl  
red brn fs l  
20% rx  
pink fs l saprolite 13'4"

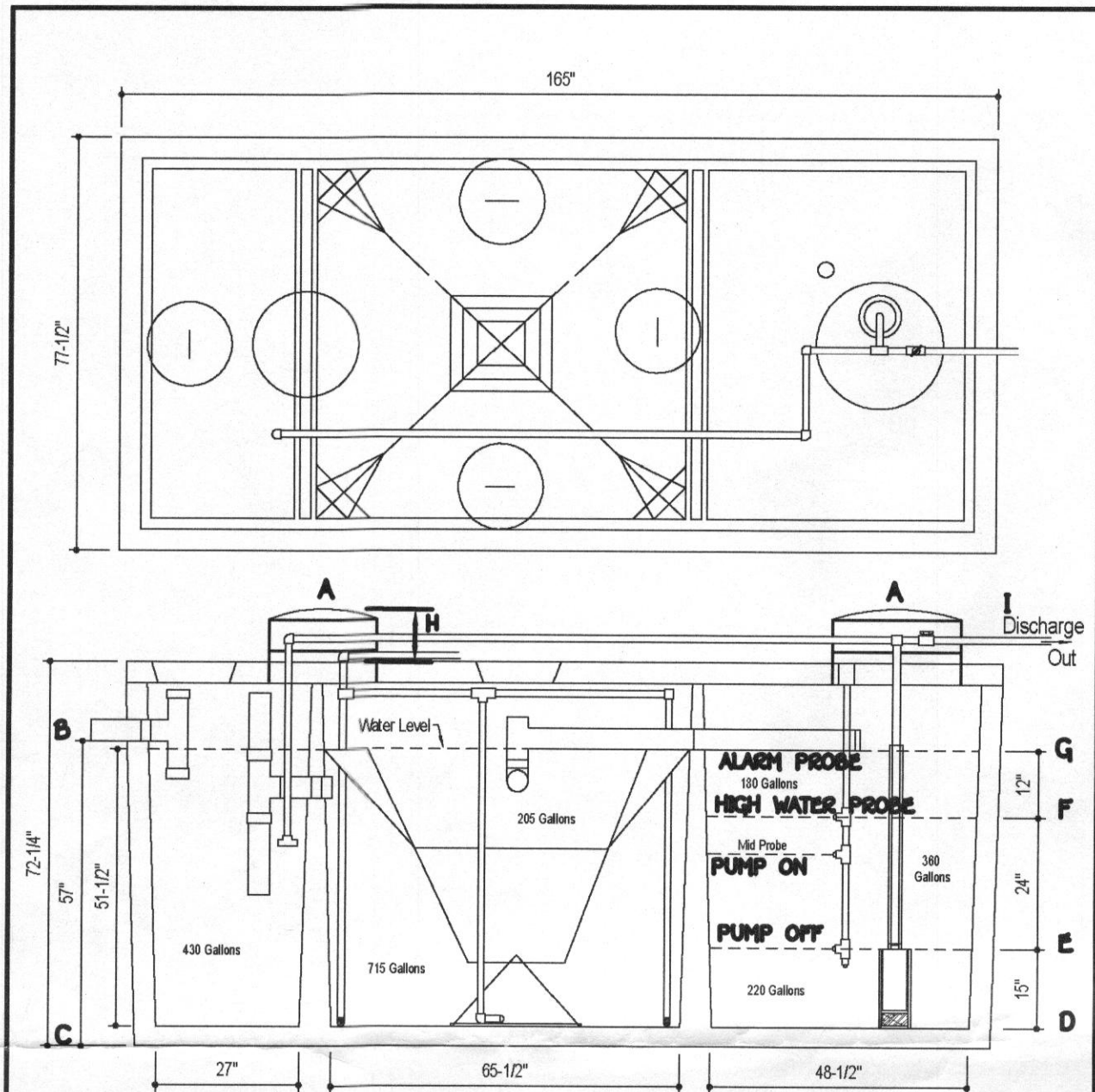
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/8/13	A	6'13'	10:03	10:05	10:09	4	P
	B	5'8"13'	10:22	10:37	11:00	23	P
	C	6'3"13.5'	10:42	10:46	10:52	6	P
	D	6'13'4"	11:00	11:06	11:16	10	P

ex. System very near failure - 4 BR total w/ addition

REMARKS  
SANITARIAN ITS BACKHOE South Carolina OTHERS owner  
TEST HOLES USED IN SDA 4 AVG. PERC TIME 11 SQ. FT/BR  
TRENCH WIDTH 3' INLET DEPTH 5' MAX. BOT DEPTH 8' EFFECTIVE SW 2'

HOOT BNR





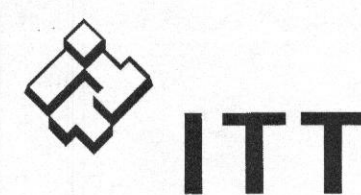
#### DESIGN DATA & GENERAL NOTES

- Concrete strength 4000 psi, 28 days. Density = 150 pcf.
- Concrete - Portland Type III per ASTM C 150-02.
- Reinforcing steel per ASTM A 618, Min. 1/2" cover.

Mayer Brothers, Inc.  
6064 Race Road  
Ellicott City, Maryland 21075  
Tel. 410.766.5434  
Fax. 410.766.5433  
www.mayerbrothers.com

600 GPD BNR SYSTEM  
H-600 BNR  
with 750 GALLON PUMP CHAMBER

Draw. No. Hoot Form #1 No Scale March 18, 2009



GOULDS PUMPS  
Wastewater

#### APPLICATIONS

Specifically designed for the following uses:

- Effluent systems
- Homes
- Farms
- Heavy duty sump
- Water transfer
- Dewatering

#### SPECIFICATIONS

- Solids handling capability: 1/2" maximum.
- Capacities: up to 60 GPM.
- Total heads: up to 31 feet.
- Discharge size: 1 1/2" NPT.
- Mechanical seal: carbon-rotary/ceramic-stationary.
- BUNA-N elastomers.
- Temperature: 104° F (40° C) continuous, 140° F (60° C) intermittent.
- Fasteners: 300 series stainless steel.
- Capable of running dry without damage to components.

#### Motor:

- EP04 Single phase: 0.4 HP 115 or 230 V 60 Hz, 1550 RPM, built in overload with automatic reset.
- EP05 Single phase: 0.5 HP 115 V or 230V, 60 Hz, 1550 RPM, built in overload with automatic reset.
- Power cord: 10 foot standard length, 1/2" STW with three prong grounding plug. Optional 20 foot length, 1/2" STW with three prong grounding plug (standard on EP05).
- Fully submerged in high grade turbine oil for lubrication and efficient heat transfer.

Available for automatic and manual operation. Automatic models include Mechanical Float Switch assembled and preset at the factory.

#### MODEL INFORMATION

Order No.	HP	Volts	Amperes	Phase	Float Switch Style	Cord Length	Discharge Connection	Minimum Dia Level	Minimum Dia Level	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight (kg)
EP0411					Plug / No Switch	10'	1 1/2"	Manual	Manual	15"		20/9.1
EP0411A					Piggyback / Wide-Angle	10'	1 1/2"	Manual	Manual	15"		21/9.5
EP0411F					Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		20/9.1
EP0411AC					Piggyback / Wide-Angle	20'	1 1/2"	Manual	Manual	15"		21/9.5
EP0412					Plug / No Switch	10'	1 1/2"	Manual	Manual	15"	3/4"	20/9.1
EP0412F					Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		20/9.1
EP0511F					Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		22/10
EP0511AC					Piggyback / Wide-Angle	20'	1 1/2"	Manual	Manual	15"		23/10.4
EP0512F					Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		22/10

#### SEPTIC SYSTEM ELEVATIONS

- A= 618.30
- B= 614.03 (INV. INTO TANK.)
- C= 609.28
- D= 609.51
- E= 610.76
- F= 612.76
- G= 613.76
- H= 3.00' (7" MIN.)
- I= 616.00 (INV. OUT OF TANK.)

EX. FFE = 624.8

INV. INTO DISTRIBUTION BOX = 615.80

#### SEPTIC SYSTEM DESIGN

- 4 BEDROOM HOUSE
- TRENCH LENGTH = 150 FEET
- TRENCH WIDTH = 3 FEET
- TRENCH INVERT = 2.50 FEET
- TRENCH T1 INVERT = 615.70
- TRENCH T2 INVERT = 614.50
- REPLACEMENT TRENCH T3 = 613.50
- REPLACEMENT TRENCH T4 = 612.30
- TRENCH BOTTOM = 8 FEET
- EFFECTIVE AREA BEGINS AT 4.25 FEET

#### BAT NOTES

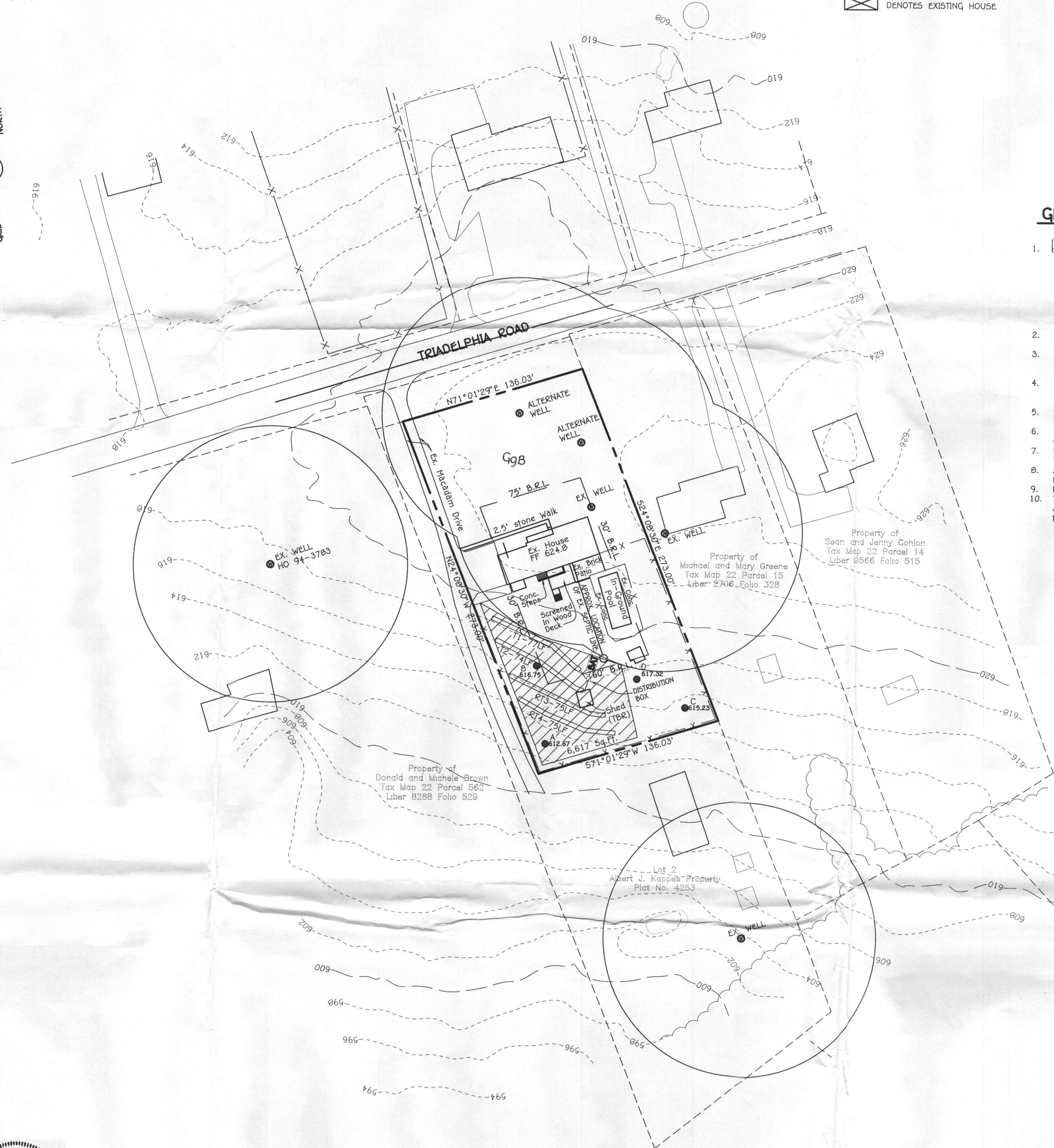
- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
- THE MAXIMUM COVER OVER THE BAT PER THE MANUFACTURER'S SPECIFICATION IS 3 FEET. IF COVER EXCEEDS 3 FEET, THEN A TRAFFIC BEARING TANK IS REQUIRED.
- THE BLOWER MAY NOT BE LOCATED MORE THAN 100 FEET FROM THE TANK BASED ON THE MANUFACTURER'S SPECIFICATIONS.
- THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
- THE BAT SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
- WITHIN ONE MONTH OF INSTALLATION, A PERSON INSTALLING THE BAT SYSTEM SHALL REPORT TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) IN A MANNER ACCEPTABLE TO MDE, THE ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE TYPE OF BAT INSTALLED. ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
- AN AGREEMENT AND EASEMENT HAS BEEN COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, LIBER FOLIO .
- THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.
- SURFACE RUNOFF SHALL BE DIRECTED AROUND THE BAT TANK.
- AT HIGH WATER PROBE, PUMP WILL HAVE CONTINUOUS OPERATION UNTIL LEVEL GOES BENEATH PROBE.
- IF WATER LEVEL RISES TO THE ALARM PROBE, AN AUDIBLE AND VISUAL ALARM WILL SOUND. SEE MANUFACTURER SPECS FOR ADDITIONAL INFORMATION.

#### SOILS LEGEND

SOIL	NAME	CLASS
GgB	Glenn loam, 3 to 8 percent slopes	B

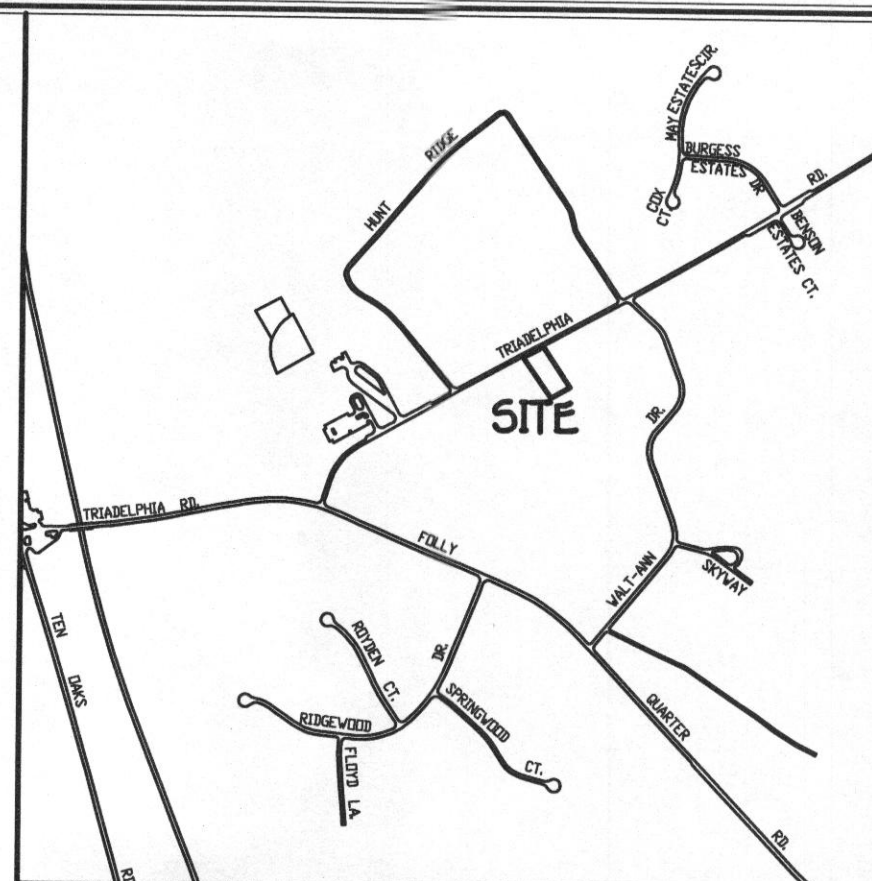
#### NOTES:

- Hydric soils and/or contains hydric inclusions
- May contain hydric inclusions
- Generally only within 100-year floodplain areas



#### LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES PASSED PERC
- DENOTES EXISTING HOUSE



#### VICINITY MAP

SCALE : 1" = 1200'

#### GENERAL NOTES:

- THESE AREAS DESIGNATE PRIVATE SEWAGE AREAS AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IT PROVIDES AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND ONE REPLACEMENT SEPTIC SYSTEM AS REQUIRED BY THE HOWARD COUNTY HEALTH DEPARTMENT. IMPROVEMENTS IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREAS. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- DEED REFERENCE LIBER 8220 FOLIO 614.
- THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEPTIC RESERVE AREA AND UPGRADE THE EXISTING SEPTIC SYSTEM FOR A FUTURE BUILDING PERMIT.

#### PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36386, EXPIRATION DATE: 01/12/2016.

Signature of Professional Engineer DATE 12/23/13



#### PERC CERTIFICATION

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/15 DATE 12/23/13



APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Signature of County Health Officer DATE 12/20/14

#### OWNER

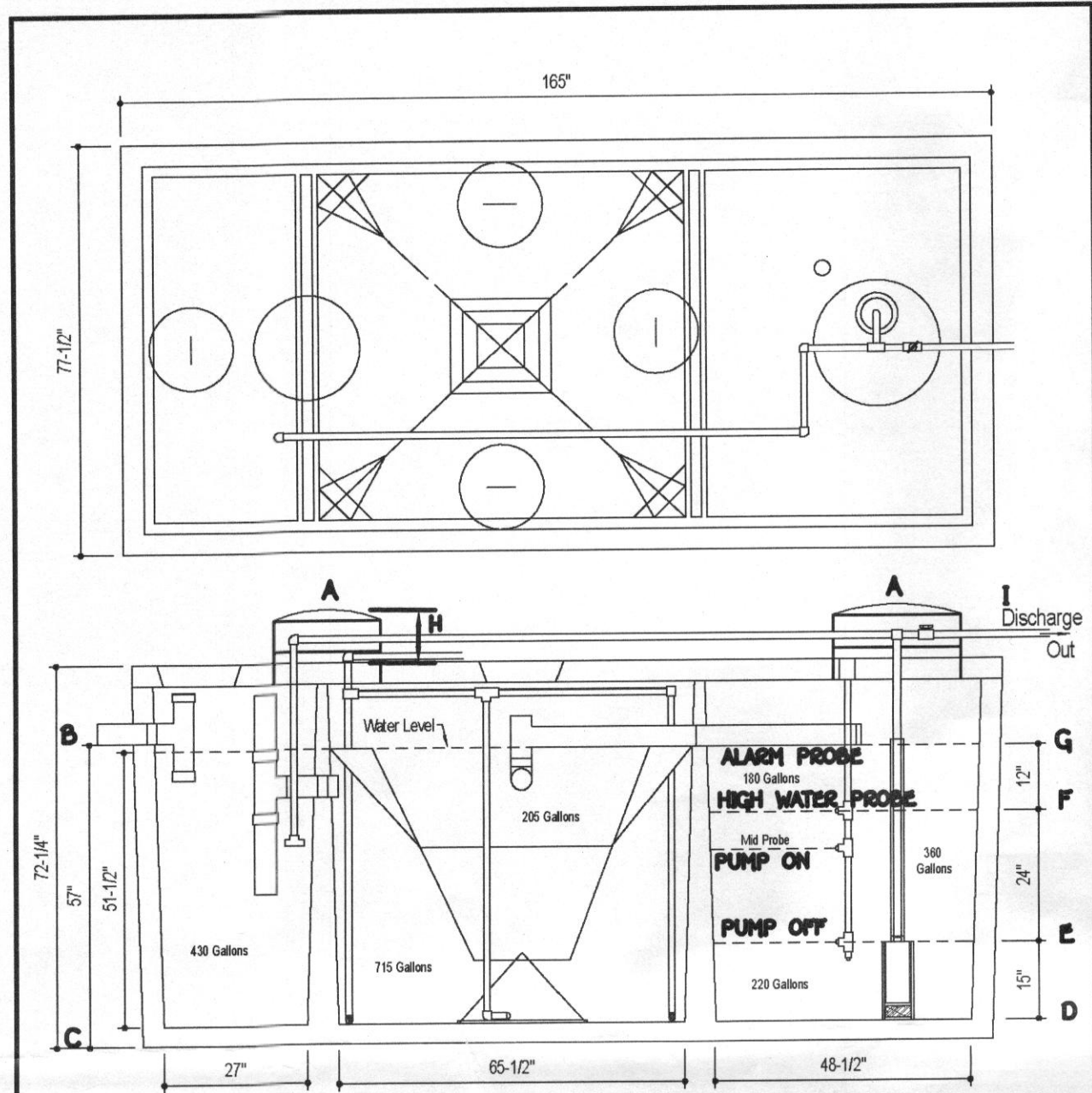
AARON AND KIMBERLY SANDS  
13245 TRIADELPHIA ROAD  
ELICOTT CITY, MD 21042

#### PERC CERTIFICATION PLAN AND SITE PLAN FOR BAT INSTALLATION 13245 TRIADELPHIA ROAD

Zoned: RR-DEO  
Tax Map No. 22; Grid No. 9; Parcel No. 523  
Third Election District - Howard County, Maryland  
Date: December 23, 2013 Scale: 1"=50'  
A-545142

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PARK  
ELICOTT CITY, MARYLAND 21042  
(410) 461-1200





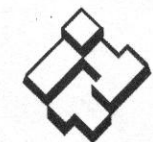
DESIGN DATA & GENERAL NOTES

1) Concrete strength F<sub>c</sub>=4,000 p.s.i., @ 28 days. Density = 150 pcf.  
2) Cement: Portland Type III per ASTM C 150-02.  
3) Admixtures & plasticizers per ASTM C 260-06 & C 494-02.  
4) Reinforcing per ASTM A 618, Min. 1-1/2" cover.

Mayer Brothers, Inc.  
636 Stone Road  
Elkridge, Maryland 21075  
Tel. 410.796.1424  
Fax. 410.796.1428  
www.mayerbrothers.com

600 GPD BNR SYSTEM  
H-600 BNR  
with 750 GALLON PUMP CHAMBER

Dwg. No. Hoot Form #1 No Scale March 18, 2009



ITT

GOULDS PUMPS  
Wastewater

#### APPLICATIONS

Specifically designed for the following uses:

- Effluent systems
- Homes
- Farms
- Heavy duty sump
- Water transfer
- Dewatering

#### SPECIFICATIONS

- Solids handling capability: 3/4" maximum.
- Capacities: up to 60 GPM.
- Total heads: up to 31 feet.
- Discharge size: 1 1/2" NPT.
- Mechanical seal: carbon-rotary/ceramic-stationary, BUNA-N elastomers.
- Temperature:
  - 104° F (40° C) continuous
  - 140° F (60° C) intermittent
- Fasteners: 300 series stainless steel.
- Capable of running dry without damage to components.

#### Motor:

- EP04 Single phase: 0.4 HP 115 V or 230 V, 60 Hz, 1550 RPM, built in overload with automatic reset.
- EP05 Single phase: 0.5 HP 115 V or 230 V, 60 Hz, 1550 RPM, built in overload with automatic reset.
- Power cord: 10 foot standard length, 16/3 SJTW with three prong grounding plug. Optional 20 foot length, 16/3 SJTW with three prong grounding plug (standard on EP05).
- Fully submerged in high grade turbine oil for lubrication and efficient heat transfer.

Available for automatic and manual operation.  
Automatic models include Mechanical Float Switch  
assembled and preset at the factory.

#### MODEL INFORMATION

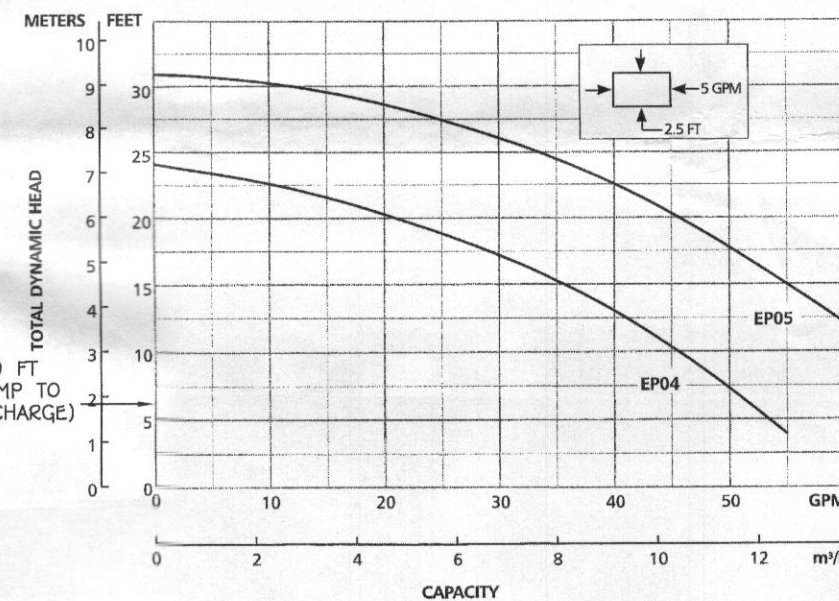
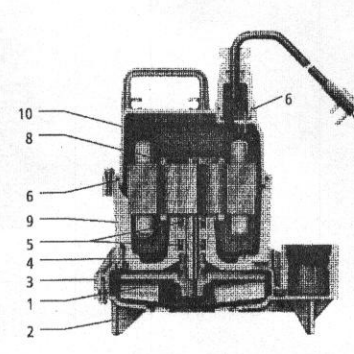
Order No.	HP	Volts	Amperes	Minimum Circuit Breaker	Phase	Switch Style	Cord Length	Discharge Connection	Minimum On Level	Minimum Off Level	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight (lbs.)
EP0411						Plug / No Switch	10'	1 1/2"	Manual	Manual	15"		20/9.1
EP0411A						Piggyback / Wide-Angle	10'	1 1/2"	Manual	Manual	15"		21/9.5
EP0411F	1	115	12	20		Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		20/9.1
EP0411AC						Piggyback / Wide-Angle	20'	1 1/2"	Manual	Manual	15"		21/9.5
EP0412						Plug / No Switch	10'	1 1/2"	Manual	Manual	15"	3/4"	20/9.1
EP0412F	1	230	6	10		Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		20/9.1
EP0511F						Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		22/10
EP0511AC	5	115	13	20		Piggyback / Wide-Angle	20'	1 1/2"	Manual	Manual	15"		23/10.4
EP0512F						Plug / No Switch	20'	1 1/2"	Manual	Manual	15"		22/10

#### PERFORMANCE RATINGS

Total Head (ft. of water)	Gallons Per Minute	EP04	EP05
5	53	-	-
10	46	62	-
15	36	55	-
20	27	46	-
25	0	33	-
30	-	11	-

#### COMPONENTS

Item No.	Description
1	Impeller
2	Base
3	Pump Casing
4	Mechanical Seal
5	Ball Bearings
6	G-Rings
7	Power Cord
8	Oil Filled Motor
9	Motor Housing Stator Assembly
10	Motor Cover



#### PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36386, EXPIRATION DATE: 01/12/2016.

Signature of Professional Engineer DATE 12/23/13



#### PERC CERTIFICATION

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor DATE 12/23/13  
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/15



APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.

Signature of County Health Officer DATE 1/2/2014  
COUNTY HEALTH OFFICER

#### OWNER

AARON AND KIMBERLY SANDS  
13245 TRIADELPHIA ROAD  
ELLCOTT CITY, MD 21042

#### SOILS LEGEND

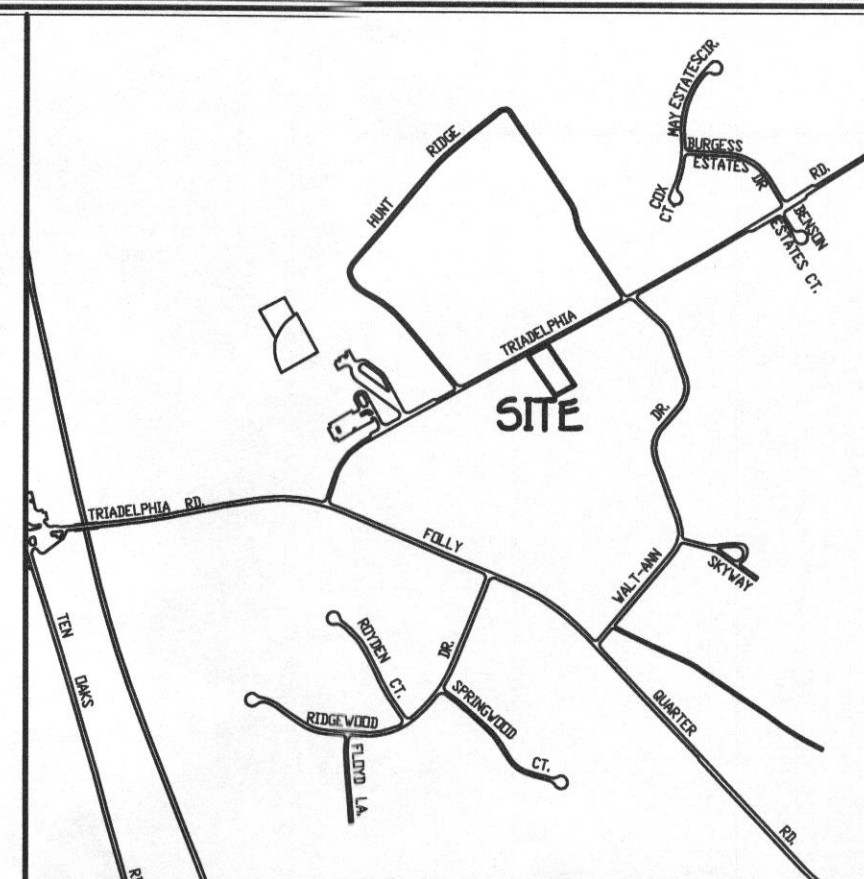
SOIL	NAME	CLASS
GgB	Glenelg loam, 3 to 8 percent slopes	B

#### NOTES:

- Hydric soils and/or contains hydric inclusions
- May contain hydric inclusions
- Generally only within 100-year floodplain areas

#### LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES PASSED PERC
- DENOTES EXISTING HOUSE



VICINITY MAP  
SCALE : 1" = 1200'

#### GENERAL NOTES:

- THESE AREAS DESIGNATE PRIVATE SEWAGE AREAS AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IT PROVIDES AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND ONE REPLACEMENT SEPTIC SYSTEM AS REQUIRED BY THE HOWARD COUNTY HEALTH DEPARTMENT. IMPROVEMENTS IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREAS. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- DEED REFERENCE: LIBER 8220 FOLIO 614.
- THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEPTIC RESERVE AREA AND UPGRADE THE EXISTING SEPTIC SYSTEM FOR A FUTURE BUILDING PERMIT.

#### PERC CERTIFICATION PLAN AND SITE PLAN FOR BAT INSTALLATION 13245 TRIADELPHIA ROAD

Zoned: RR-DEO  
Tax Map No. 22; Grid No. 9; Parcel No. 523  
Third Election District - Howard County, Maryland  
Date: December 23, 2013 Scale: 1"=50'  
A-545142