



Howard County
Health Department

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., Health Officer

RECEIPT DATE: 1/29/14

ONSITE SEWAGE DISPOSAL SYSTEM

P 546242

INSTALLATION

APPROVAL DATE: 4/11/2014

**PERMIT
CONSTRUCTION**

A

PROPERTY ADDRESS: 13851 Triadelphia Mill Road

SUBDIVISION:

LOT:

TAX ID: 05-353319

CONTRACTOR: Fogle's Septic Clean Inc.

EMAIL: kurt@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784

PHONE: 410-795-5670

PROPERTY OWNER: Ronna Brockdorff

EMAIL:

OWNER ADDRESS: 13851 Triadelphia Mill Road, Clarksville, MD 21029

PHONE:

BAT UNIT MODEL:

BAT UNIT SIZE:

PUMP CHAMBER CAPACITY (GALLONS):

PUMP SIZE:

NUMBER OF BEDROOMS:

HOUSE SQ. FT.

APPLICATION RATE:

DISTRIBUTION SYSTEM:

GRAVITY FED



LOW PRESSURE DOSED



TRENCHES:	LINEAR FEET REQUIRED: <u>155'</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set BAT unit per BAT plan Set distribution box per BAT plan Install 3 x 52' trenches on contour. <u>3 x 52' Trenches</u>	

ISSUED BY: Jeff Williams

ISSUE DATE: 2/21/14

EXPIRATION DATE: 2/21/15

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE
SUCCESSFUL OPERATION OF ANY SYSTEM.**

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

NOT TO SCALE

See As-Built Drawing
On Separate Sheet

ROAD

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 3' BOTTOM 6'
NUMBER OF TRENCHES 3
TOTAL LENGTH 151'
ABSORPTION AREA 453 + Sidewall
DISTRIBUTION BOX LEVEL Yes
DISTRIBUTION BOX BAFFLE Elbow
DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes
CAPACITY 600 BNR GAL
SEAM LOC Top
TANK LID DEPTH 0.5'-1'
BAFFLES Yes
BAFFLE FILTER No
MANHOLE LOC Front + Rear
6" PORT LOC None
WATERTIGHT TEST No
SEPTIC TANK 2 LEVEL N/A
CAPACITY GAL
SEAM LOC
TANK LID DEPTH
BAFFLES
BAFFLE FILTER
MANHOLE LOC
6" PORT LOC
WATERTIGHT TEST

PRE-CONSTRUCTION

INSTALLATION

3/11/14 Ex. Tank 45' From Pond, Easement staked by Builder

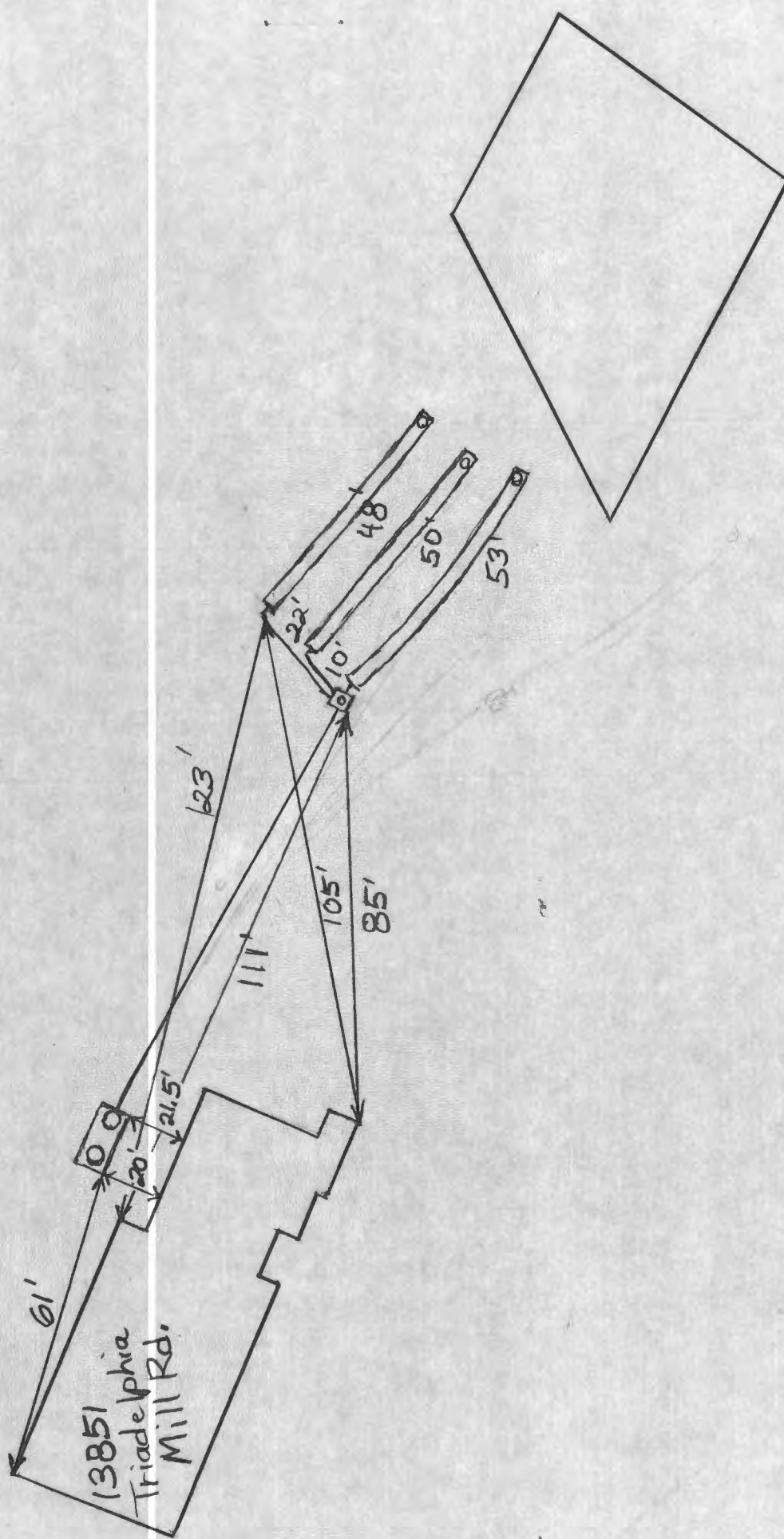
3/12/14 Trenches done

3/21/2014 Tank set and pump line installed. Need house connection and abandonment of old tank.

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 4/11/2014

3/24 - F/U Kevin 4/11/14 Alarm + Pump, Aerator working





HOWARD COUNTY HEALTH DEPARTMENT

46242

CODES

DATE

1/29/14

P5

☐ CASH

☒ CHECK

NO.

Received
From

For

Fogles Septic Clean
Septic Permit - 13851 Triadelp

44770

Three hundred ninety six ⁷⁴/₁₀₀ Dollars 4/1/14

\$

396.00

Received By

J King



MAYER BROS., INC.

Precast Concrete Products

6264 Race Rd. Elkridge, MD 21075

Letter of Satisfaction Hoot System Installation

Address of Property: 13851 Tridelphia Mill Rd.
Clarksville, md. 21029

Date of Final Inspection: 4/11/14

Installer: Fogel's

Hoot Technician/Inspector: Mike Sample

I hereby certify that the Hoot system installed at the property listed above has been installed according to proper Hoot installation practices. I have also verified the startup of the system and it is in proper working order.

Sincerely,

Name of Inspector
Mayer Bros., Inc.

PH: 410-796-1434

FX: 410-796-1438

WBE

NPCA Certified Plant

mayerbro@connect.net

www.mayerbrosprecast.com

Grease Interceptors, Grease Solutions, Aerobic Treatment Units, Septic Tanks, Holding Tanks, Storm Water Structures, Hydroceptors,
Bench Barrier, Water Meter Vaults, Sectional Valve Vaults, Top Sinks, Curb Heads, Curb Bumpers, PermEntry Basement Entries,
Scapowal Window Walls, Custom Precast Products

Clerk of the Circuit Court for
Howard County
Land Records/Licensing

The Thomas Dorsey Building
9250 Bendix Road
Columbia, MD 21045
410-313-5850

=====

LR - Agreement Recording Fee		
1x	20.00	20.00

Grantor/Grantee Name: Kirchoff
Reference/Control #: 75

=====

LR - Agreement Surcharge		
1x	40.00	40.00

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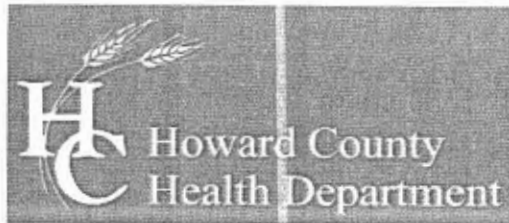
SubTotal:		60.00
Total:		60.00

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REV-Cash		60.00
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02/21/2014 11:50 CC13-DS
#2490418 /497/109
***** DUPLICATE #002 *****

02/21/2014 11:51 CC13-DS
Thank you for visiting us today



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 20 day of FEB, 2014, among RONNA KIRCHOFF, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 13851 TRIADDELPHIA MILL RD, in the ___ Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber ___ Folio ___.

WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013.

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.

B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.

C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.

D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.

E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require

maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

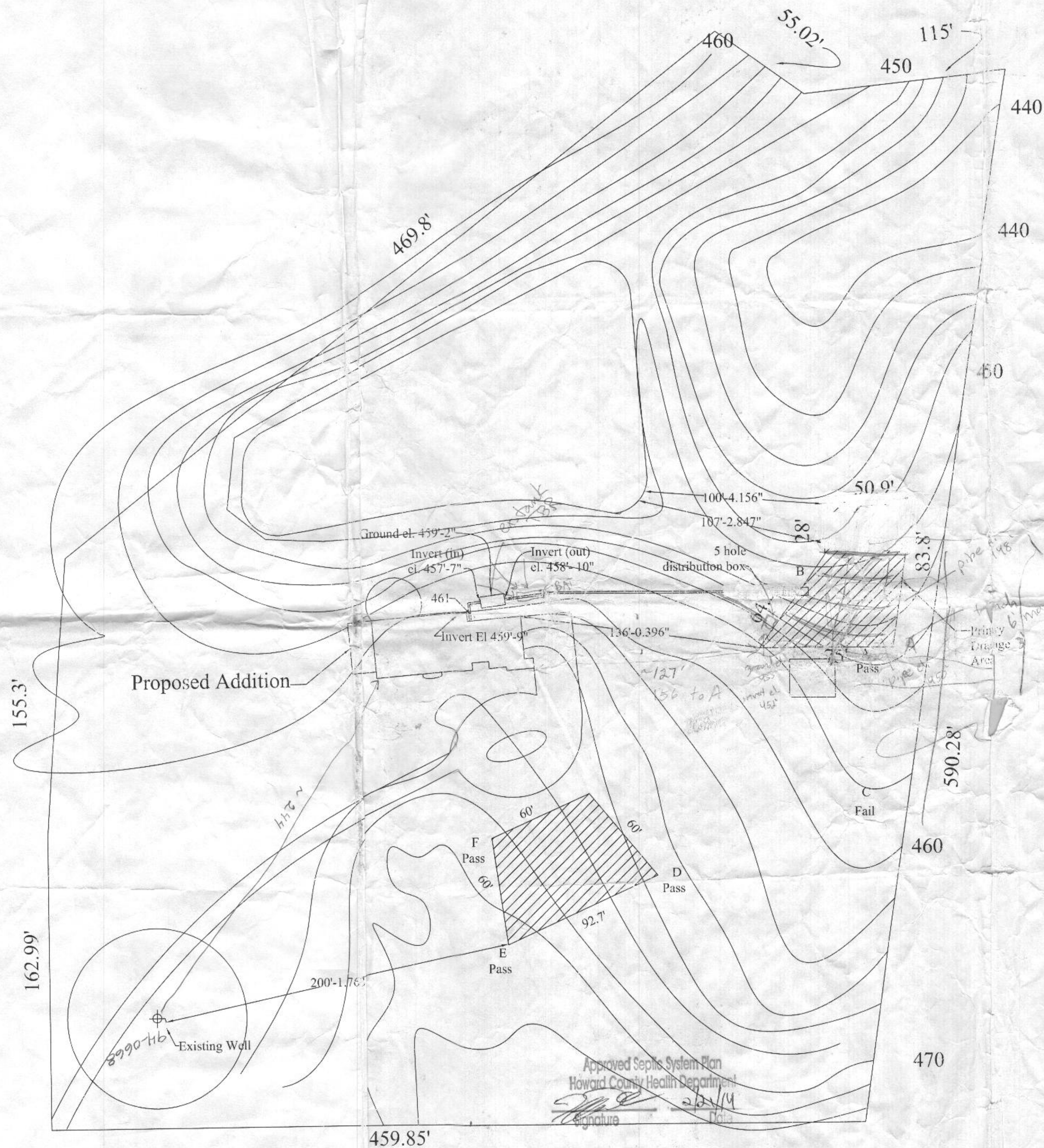
J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Roma B. Kuczyk 2/20/14
Owner Date

Owner Date

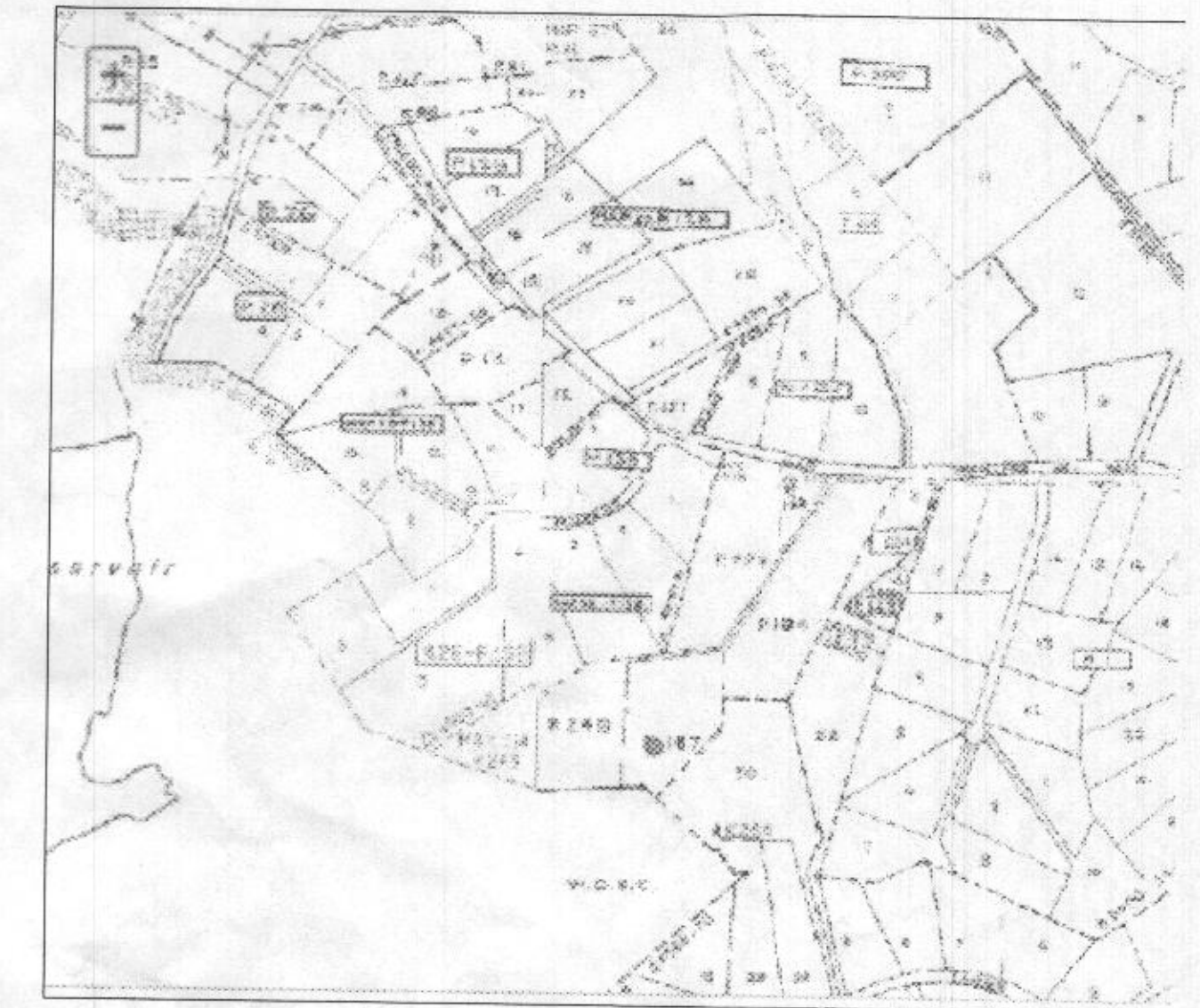
Bev Nylan 2/27/2014
Howard County Health Department



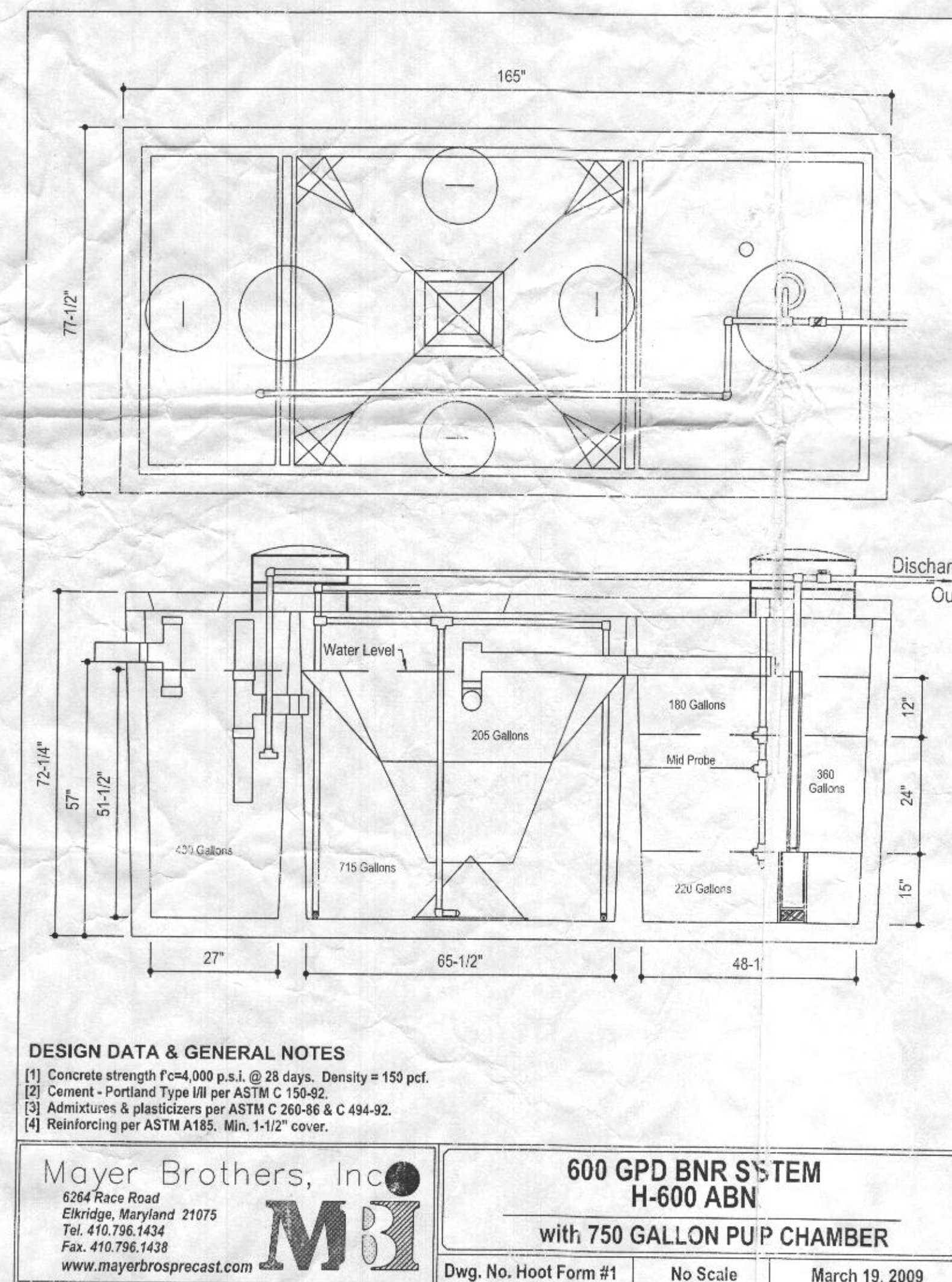
Scale: 1" = 40'

Notes:

1. Any change to the location or depths to any components must be approved by the Howard County Health Department prior to installation. A revised site plan may be required.
2. The maximum depth of the BAT per the manufacturer's specification is 3 feet
3. The blower may not be located more than 100 feet from the tank based on the manufacturer's specifications
4. The BAT system shall be maintained and operated for the life of the system.
5. The BAT shall be maintained by a certified service provider.
6. 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 the MDE, the address and date of completion of the BAT installation and the of BAT installed.
7. Electrical work for the BAT installation must be performed by a licensed electrician.
8. An agreement and easement must be completed and signed by all applicable parties and recorded in Land Records of Howard County.
9. The Health Department requires documentation for the start-up certification from the manufacturer prior to final approval of the installation.



Vicinity Map



DESIGN DATA & GENERAL NOTES

- [1] Concrete strength $f_c=4,000$ p.s.i. @ 28 days. Density = 150 pcf.
- [2] Cement - Portland Type III per ASTM C 150-02.
- [3] Admixtures & plasticizers per ASTM C 260-96 & C 494-92.
- [4] Reinforcing per ASTM A185. Min. 1'-1/2" cover.

Mayer Brothers, Inc.
6264 Race Road
Elkridge, Maryland 21075
Tel. 410.796.1434
Fax. 410.796.1438
www.mayerbrosprecast.com



**600 GPD BNR SYSTEM
H-600 ABN**
with 750 GALLON PUP CHAMBER

Dwg. No. Hoot Form #1 No Scale March 19, 2009

Property Information:
Owner: Ronna Brockdorff
Address: 13851 Triadelphia Mill Road
Clarksville, MD 21029
Phone #: (703) 362-9007
Map: 0034
Grid: 0001
Parcel: 0167

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P.O. Box 1854, Westminster, MD 21158
p: 410-977-8926 | f: 443-821-3155
www.oldlinebuilders.com | MHIC# 73239

Site Plan for AT Installation

13851 Triadphhia Mill Road
Clarksvil MD 21029

Project: Ronna Brockdorff
Date: 01/15/2014
Drawn By: M. Fitzgerald
Scale: 1"-40'

Page: