

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: 4/4/14 **ONSITE SEWAGE DISPOSAL SYSTEM** P 546302-E

INSTALLATION APPROVAL DATE: 8/13/14 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 2425 Ellies Way

SUBDIVISION: Arrington Estates LOT: 1 TAX ID: 03-353907

CONTRACTOR: South Carroll Backhoe EMAIL: Sbackhoe@comcast.net

CONTRACTOR ADDRESS: 4410 Salem Bottom Rd, Westhaver, MD 21157 PHONE: 410-596-3618

PROPERTY OWNER: Catoctin Homes EMAIL: _____

OWNER ADDRESS: P.O. Box 512, Ellicott City, MD 21041 PHONE: 410-772-5804

BAT UNIT MODEL: Hoot BNR BAT UNIT SIZE: 600 GPD BNR

PUMP CHAMBER CAPACITY (GALLONS): 750 PUMP SIZE: _____

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. 5992 APPLICATION RATE: 0.8

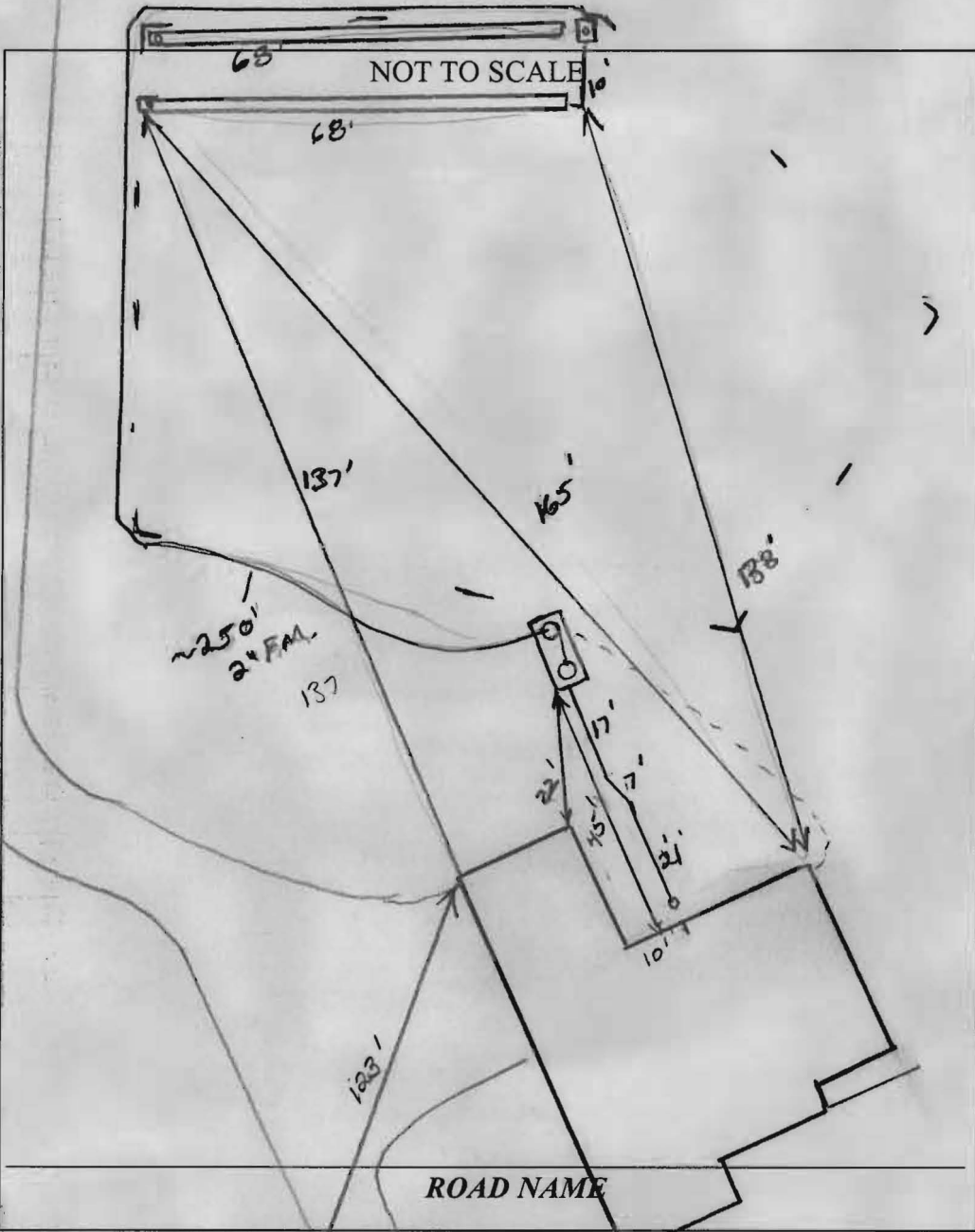
DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>126' 136</u>	INLET DEPTH: <u>2</u>
	TRENCH WIDTH: <u>22</u>	MAXIMUM BOTTOM DEPTH: <u>5' 7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</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 plan. <u>2x 68</u> <u>68</u> Set distribution box near northwest corner of SDA. Install 2 X 63' trenches on contour in upper SDA per layout inspection. *Builder requests that trees not be removed. *Builders /Owners request that trees not be removed may result in requirement for revision of septic system installation plan.	

ISSUED BY: Robert Bricker ISSUE DATE: 4/4/14 EXPIRATION DATE: 4/4/15

- 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 DOWNGRADIENT 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.



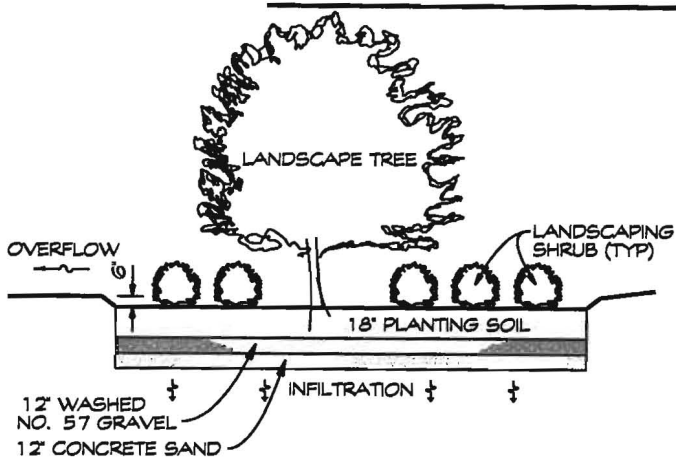
TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	2'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		136'
ABSORPTION AREA		272' ± SW
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		90° bend
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Mayer Bros
CAPACITY	Just 600 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Front
BAFFLE FILTER	—
MANHOLE LOC	Front/center
6" PORT LOC	none
WATERTIGHT TEST	—
SLOTTED	Yes
DATE ON LID	—
PUMP/SEPTIC TANK LEVEL N/A	
MANUFACTURER	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—
SLOTTED	—
DATE ON LID	—

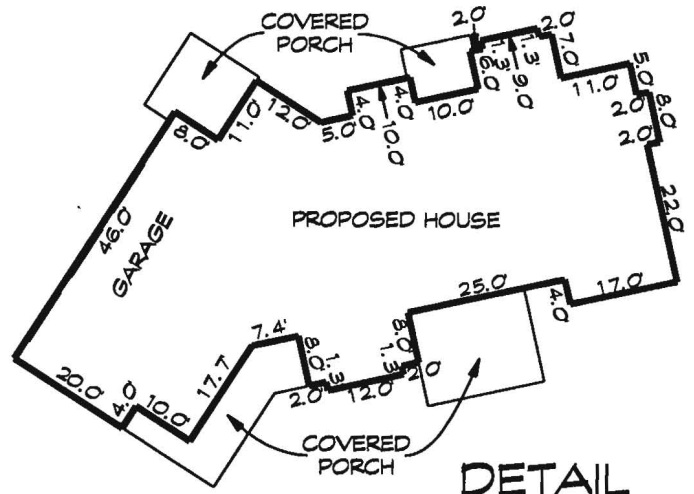
PRE-CONSTRUCTION:
 5/2/14 met builder onsite. laid out tank location. Walked area to check septic area stakes exist. looks ok. Called contractor let them know tank loc. staked out. Will do layout of trenches @ next inspection (KW)

INSTALLATION:
 5/6/14 BAT unit set per installation spec's. shot elevations for initial system. Installed D box @ top center of SRA, Run 2x 68' trenches across top area on contour. Contour runs stake to stake. Run F.M. as shown on plan. Call for f/u. (KW)
 5/7/14 Top trench being dug, stoned. Heavy rain starting. Told contractor to finish w/ top trench and close up. (KW)
 5/8/14 Trenches complete. 2" F.M. ran up to D box. Connections being made for BAT unit components. OK to pour work. Need BAT startup + pump test of system for final approval (KW)

FINAL INSPECTOR _____ DATE OF APPROVAL _____



LANDSCAPE INFILTRATION DETAIL
NOT TO SCALE



DETAIL
1" = 30'

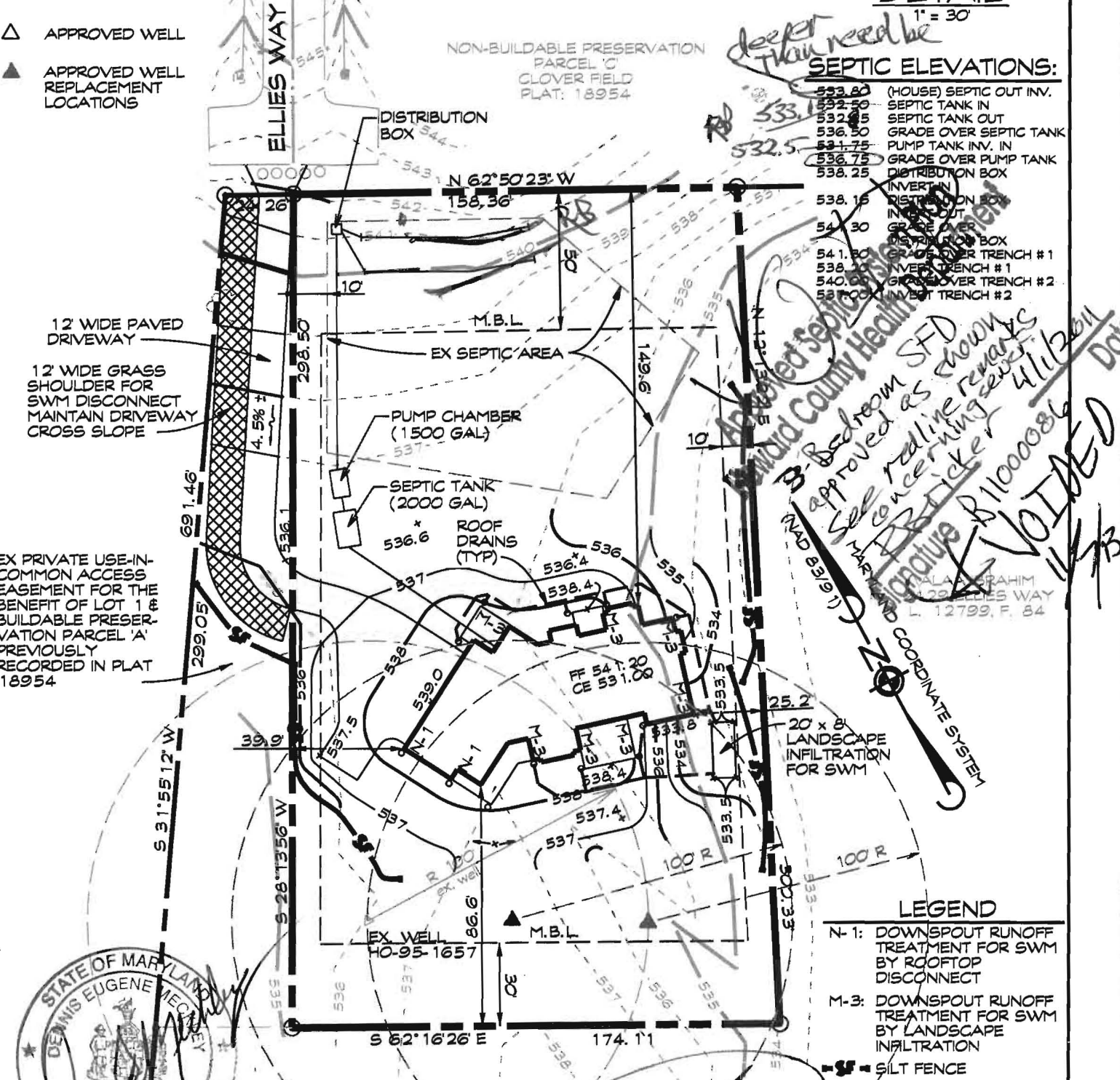
- △ APPROVED WELL
- ▲ APPROVED WELL REPLACEMENT LOCATIONS

NON-BUILDABLE PRESERVATION
PARCEL 'C'
CLOVER FIELD
PLAT: 18954

deeper than need be

SEPTIC ELEVATIONS:

- 533.80 (HOUSE) SEPTIC OUT INV.
- 532.50 SEPTIC TANK IN
- 532.45 SEPTIC TANK OUT
- 536.50 GRADE OVER SEPTIC TANK
- 531.75 PUMP TANK INV. IN
- 536.75 GRADE OVER PUMP TANK
- 538.25 DISTRIBUTION BOX
- INVERT IN
- 538.15 DISTRIBUTION BOX
- INVERT OUT
- 541.30 GRADE OVER
- 541.30 DISTRIBUTION BOX
- 541.30 GRADE OVER TRENCH #1
- 538.25 INVERT TRENCH #1
- 540.00 GRADE OVER TRENCH #2
- 537.00 INVERT TRENCH #2



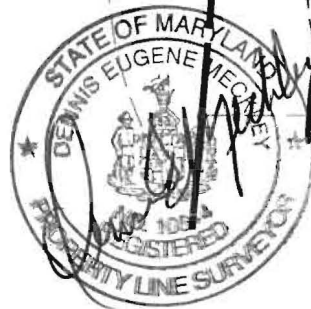
*Approved Septic System
Howard County Health Department
See bedroom SFD
approved as shown
see real line remarks
concerning 4/1/2011
Signature: B11000086
DATE: 4/1/2011
VOIDED*

EX PRIVATE USE-IN-COMMON ACCESS EASEMENT FOR THE BENEFIT OF LOT 1 & BUILDABLE PRESERVATION PARCEL 'A' PREVIOUSLY RECORDED IN PLAT 18954

LEGEND

- N-1: DOWNSPOUT RUNOFF TREATMENT FOR SWM BY ROOFTOP DISCONNECT
- M-3: DOWNSPOUT RUNOFF TREATMENT FOR SWM BY LANDSCAPE INFILTRATION
- SILT FENCE
- ROOF DRAIN (6" PVC)

PLAN
1" = 30'



ALAA IBRAHIM
2429 ELLIES WAY
L 12799, F. 84

** Changed to #2425*

ARRINGTON ESTATES

LOT 1
2465 ELLIES WAY, WEST FRIENDSHIP
ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

- NOTES:**
1. FIELD RUN TOPOGRAPHY PREPARED BY CLSI, NOV, 20 10.
 2. LOT 1 CONTAINS NO EXISTING EASEMENTS OR ENVIRONMENTAL FEATURES.
 3. THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO-95-1657, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

OWNER

RONALD & BONNIE MICHAEL
1709 HEATHERWOOD WAY
SYKESVILLE, MD 21784



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

DRAWN BY: BEW
DESIGN BY:
REVIEW BY: MHR/DEM
DATE: NOV 5, 20 10
SCALE: AS SHOWN
JOB NO: 2003174
SHEET: 1 of 1

REVISION 0 1/28/11-SEPTIC SYSTEM DESIGN



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
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 24th day of FEBRUARY, ²⁰¹⁴ among PHILLIP PARADIS (CATOCTIN HOMES, INC.), 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 2425 ELLIE'S WAY, WEST FRIENDSHIP, MD 21794, in the 03 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 15306 Folio 00204.

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.

20
40
VD

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.

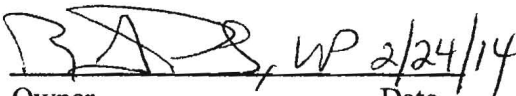
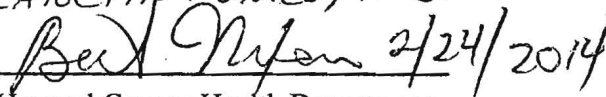
G. This agreement may be voided at any time at the discretion of the County.

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.

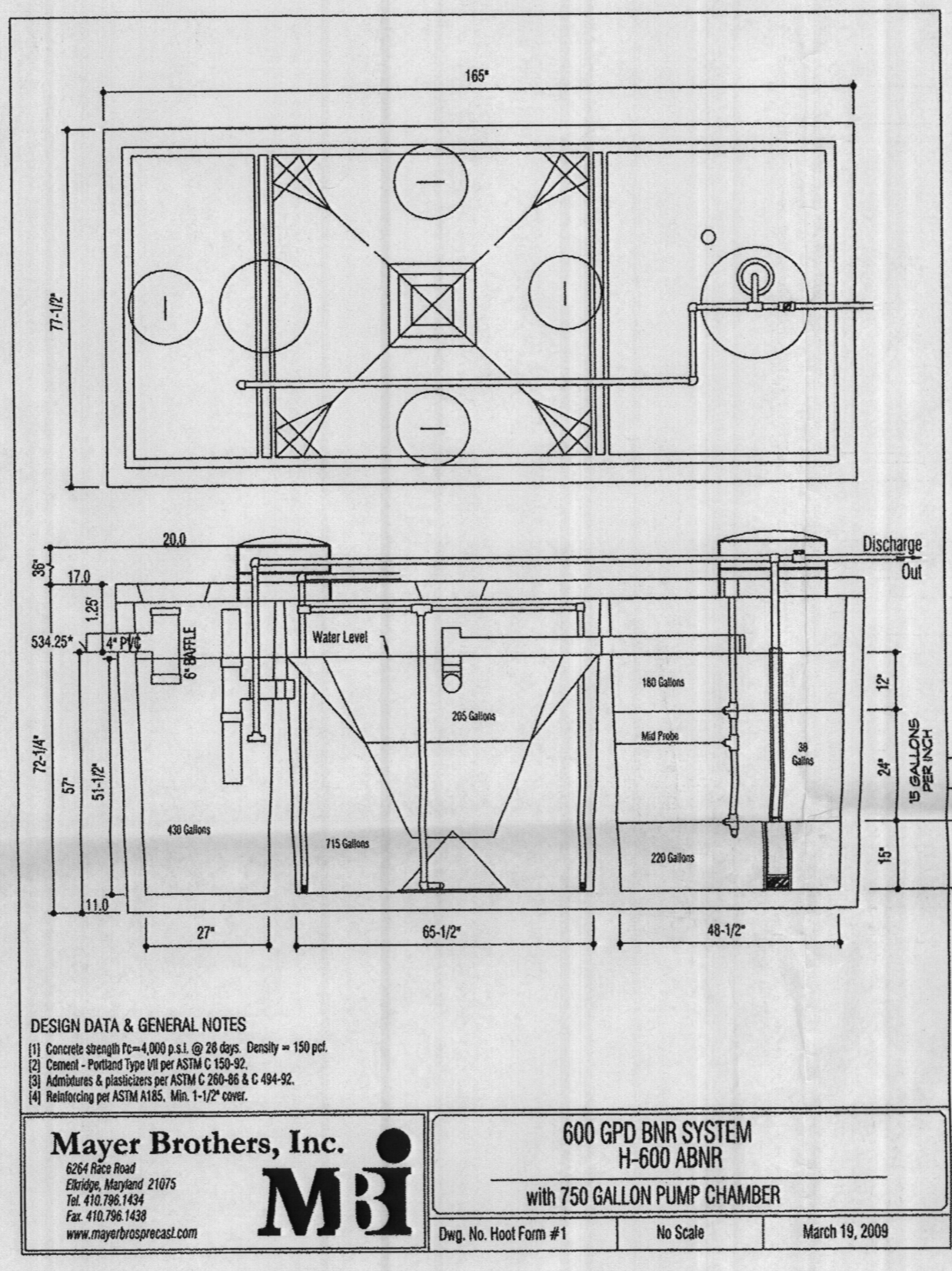
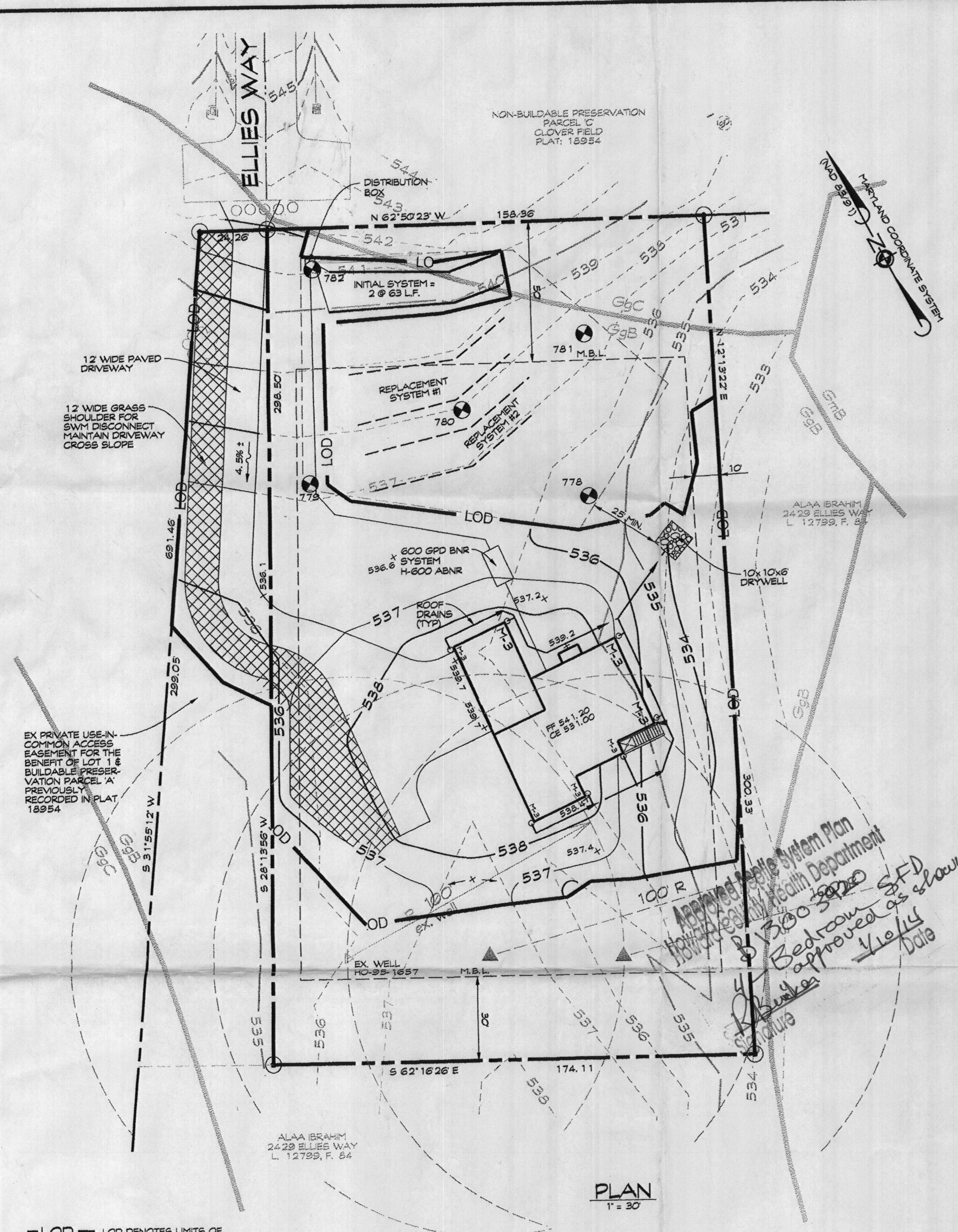
I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

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.

	WP 2/24/14	_____	_____
Owner	Date	Owner	Date
PHILLIP G. PARADIS, VICE PRESIDENT			
CATOCTIN HOMES, INC.			
	2/24/2014		
Howard County Health Department			

LR - Agreement
Recording Fee 20.00
Grantor/Grantee Name:
Catoctin Homes Inc
Reference/Control #: 119
LR - Agreement Surcharge 40.00
SubTotal: 60.00
Total: 60.00
#2495080-1
02/24/2014 11:55
CC13-V
#2495080 CC0503 -
Howard Co
Columbia/CO05.03.05 -
Register 05 497



DESIGN DATA & GENERAL NOTES

1) Concrete strength = 4000 PSI @ 28 days. Density = 150 pcf.
 2) Concrete - Portland Type I or per ASTM C 150-02.
 3) Rebar - #4, #5, #6, #8, #10, #11, #14, #18, #20, #22, #25, #29, #36, #42, #54, #60, #66, #72, #78, #84, #90, #96, #102, #108, #114, #120, #126, #132, #138, #144, #150, #156, #162, #168, #174, #180, #186, #192, #198, #204, #210, #216, #222, #228, #234, #240, #246, #252, #258, #264, #270, #276, #282, #288, #294, #300, #306, #312, #318, #324, #330, #336, #342, #348, #354, #360, #366, #372, #378, #384, #390, #396, #402, #408, #414, #420, #426, #432, #438, #444, #450, #456, #462, #468, #474, #480, #486, #492, #498, #504, #510, #516, #522, #528, #534, #540, #546, #552, #558, #564, #570, #576, #582, #588, #594, #600.

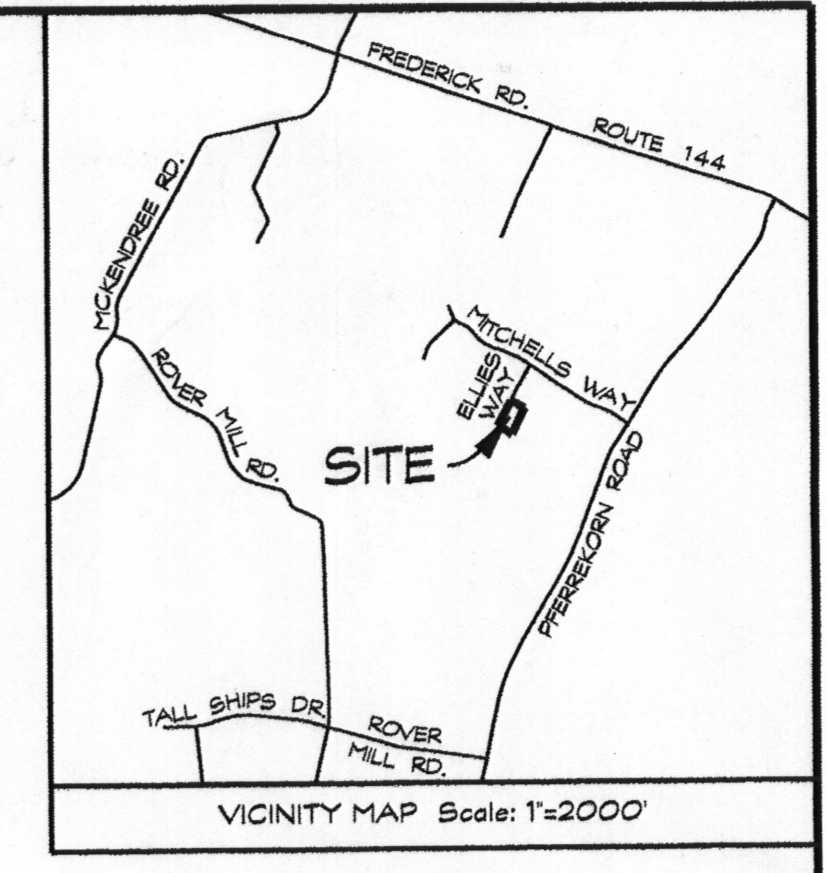
Mayer Brothers, Inc.
 6500 River Road
 Shiloh, Maryland 21157
 Tel: 410.796.1424
 Fax: 410.796.1428
 www.mayerbrothers.com

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

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

BAT SITE PLAN NOTES

1. 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.
2. THE MAXIMUM DEPTH OF THE BAT PER THE MANUFACTURERS SPECIFICATION IS 3 FEET.
3. THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF THE SYSTEM.
4. THE BAT SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.
5. 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.
6. ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
7. AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN LAND RECORDS OR HOWARD COUNTY.
8. THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.
9. THE DISCHARGE PUMP CONTROL SENSORS (RE: PROBES) IN THE HOOT PUMP CHAMBER WILL BE SET ACCORDING TO THE RELATIVE ELEVATIONS INDICATED ON THIS PLAN.



GENERAL NOTES

1. THE STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED AN ON SITE DRY WELL.
2. THERE ARE NO STREAMS, PONDS, FLOODPLAINS, OR WETLANDS ON THIS LOT.
3. THERE ARE NO 20% OR GREATER SLOPES ON THIS LOT.
4. EXISTING WELL LOCATION SHOWN ON THIS PLAN, TAG NO. HO-95-1657, HAS BEEN FIELD LOCATED.

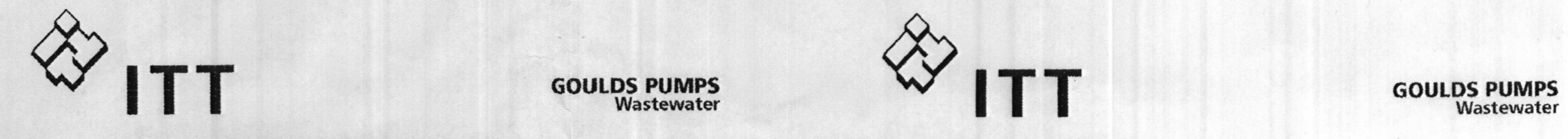
SEPTIC SYSTEM TRENCH DESIGN:

HOUSE SQUARE FOOTAGE: 2,650 S.F.
 PROPOSED NUMBER OF BEDROOMS = 4
 AVERAGE PERCOLATION TEST TIME = 8 MINS.
 APPLICATION RATE = 0.8 GPD/SQ. FT.
 DESIGN FLOW: 150 GALS x 4 BEDROOM = 600 GAL/DAY
 600 GAL/DAY / 0.8 GAL./DAY/SQ. FT. = 750 SQ. FT.
 750 SQ. FT. / 3 FT. = 250 L.F. OF TRENCH
 250 L.F. x 0.50 = 125 L.F. OF TRENCH = 125 L.F.
 USE 2 - 63 L.F. OF TRENCH FOR EACH SYSTEM

NOTE:
 SEPTIC SYSTEM TRENCH DESIGN PROVIDED BY HOWARD COUNTY HEALTH DEPARTMENT.

NOTE:
 SEPTIC DISPOSAL AREA AND PERCOLATION TEST LOCATIONS ARE FROM INFORMATION PROVIDED BY THE HOWARD COUNTY HEALTH DEPARTMENT

NOTE:
 CONTRACTOR TO VERIFY ALL GRADES PRIOR TO CONSTRUCTION.



APPLICATIONS
 Specifically designed for the following uses:
 • Efficient systems
 • Homes
 • Farms
 • Heavy duty sump
 • Water transfer
 • Dewatering

SPECIFICATIONS
 • Solid handling capability: 1" 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/Aluminum.
 • Temperature:
 100° F (40° C) continuous
 140° F (60° C) intermittent.
 • Features: 300 series stainless steel.
 • Capable of running dry without damage to components.

Motor:
 • EPDM Single phase: 0.4 HP, 115 or 230 V, 60 Hz, 1550 RPM, built in overload with automatic reset.
 • EPDS 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, 16/3 SJTW with three prong grounding plug. Optional 20 foot length, 16/3 SJTW with three prong grounding plug (standard on EPDS).
 • 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.

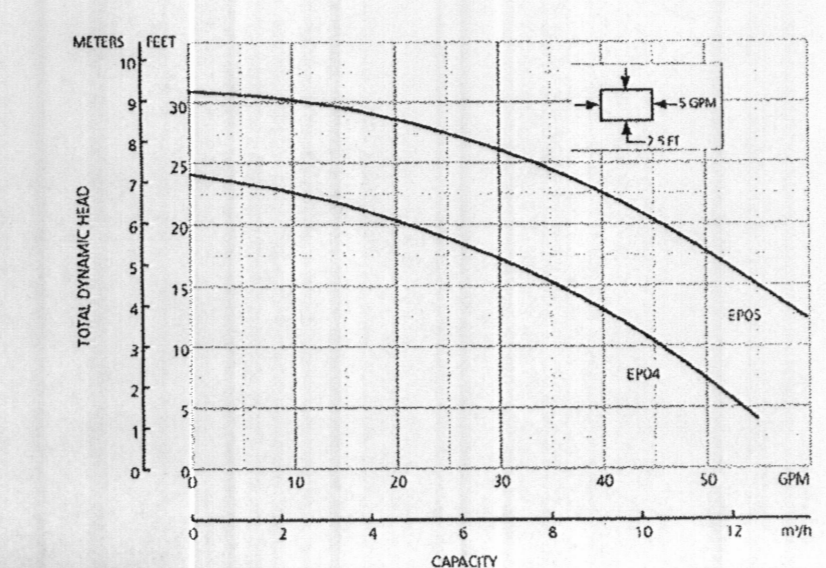
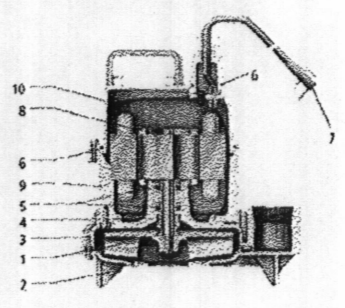
AGENCY LISTING
 Tested to UL 778 and CSA 22.2 100 Standards By Canadian Standards Association File #143849
 Goulds Pump is ISO 9001 Registered.

PERFORMANCE RATINGS

Total Head (ft. of water)	Gallons Per Minute (GPM)
5	53
10	46
15	36
20	21
25	9
30	-

COMPONENTS

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



MODEL INFORMATION

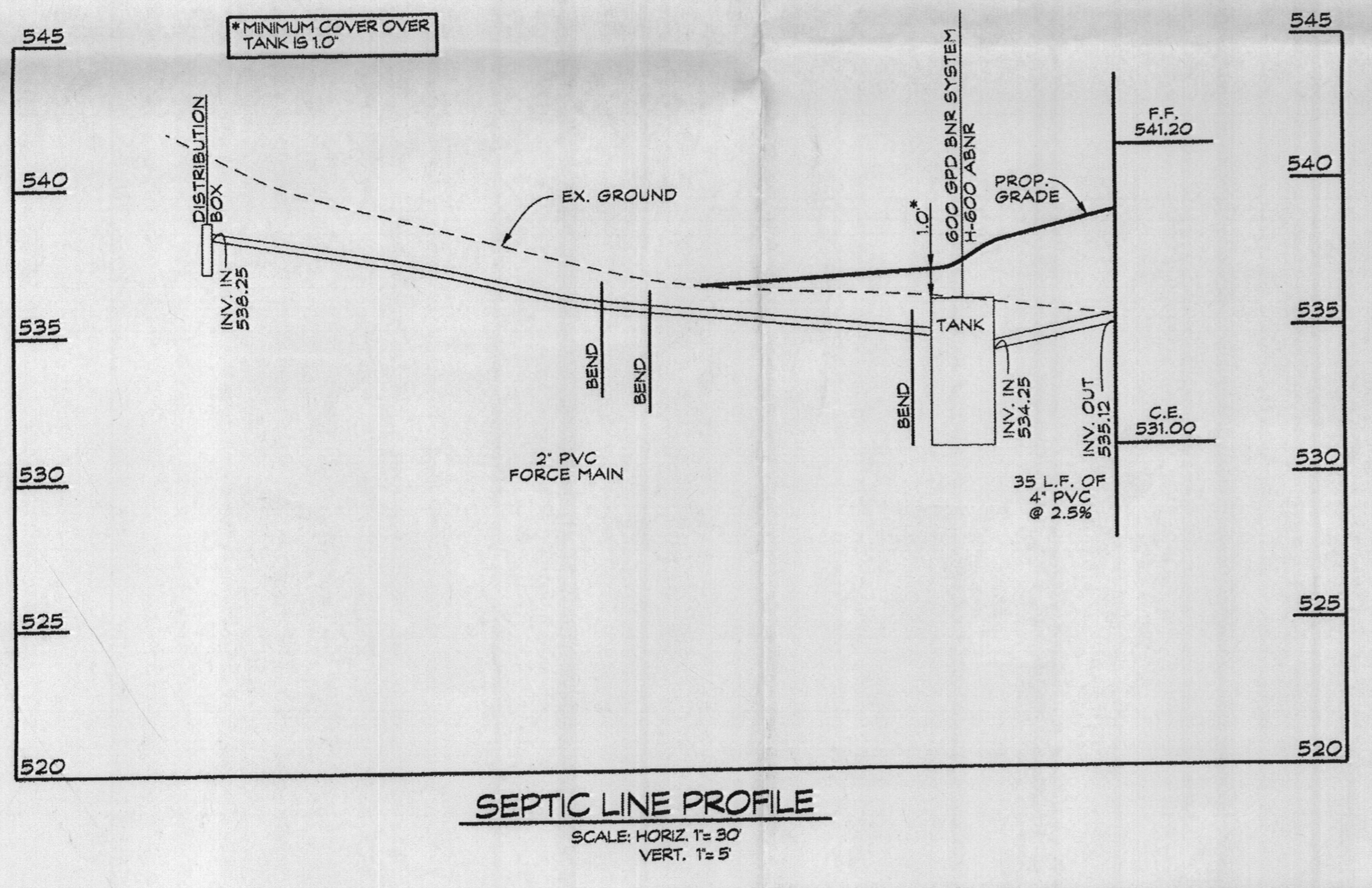
Order No.	HP	Volts	Amperage	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Minimum On Level	Minimum Off Level	Minimum Basin Size	Maximum Solid Waste	Shipping Weight (lbs.)
EP4011						Plug / No Switch	10	1 1/2"	12'	6"	15"	20 / 5.1	
EP411A						Plugback / Wide Angle	10	1 1/2"	12'	6"	15"	21 / 5.1	
EP411B	1/2	115	12	20		Plug / No Switch	20	1 1/2"	12'	6"	15"	20 / 5.1	
EP411C	1/2	115	12	20		Plugback / Wide Angle	20	1 1/2"	12'	6"	15"	21 / 5.1	
EP412	3/4	230	6.5	10	1	Plug / No Switch	10	1 1/2"	12'	6"	15"	20 / 5.1	
EP412B	3/4	230	6.5	10	1	Plugback / Wide Angle	10	1 1/2"	12'	6"	15"	21 / 5.1	
EP511B	1/2	115	12	20		Plug / No Switch	20	1 1/2"	12'	6"	15"	22 / 10	
EP511C	1/2	115	12	20		Plugback / Wide Angle	20	1 1/2"	12'	6"	15"	23 / 10.4	
EP512B	3/4	230	6.5	10	1	Plug / No Switch	20	1 1/2"	12'	6"	15"	22 / 10	

PUMP DESIGN:

DESIGN HEAD:
 1. DESIGN FLOW: 600 GPD
 2. DESIGN HEAD:
 STATIC HEAD: 539.25 - 529.83 = 8.42
 FRICTION HEAD:
 3-45' BEND = 12
 150 OF 2" PVC = 150
 150 + 12 = 162
 1.62 X 100 = 1.62 X 1.54
 162 = 2.49
 TOTAL HEAD = 8.42 + 2.49
 = 10.91 AT 30 GPM

PUMP SYSTEM:
 1. DESIGN FLOW/6 = 100 GALS MINIMUM DOSE
 2. LENGTH OF FORCE MAIN & TRENCHES
 150 OF 2" PVC X 17.4/100 = 26.10
 126 OF 4" PVC X 66.1/100 = 83.26
 109.36 GAL DOSE
 3. DOSE VOLUME:
 USE 110 GALS PER DOSE
 4. PUMP CHAMBER CAPACITY:
 ONE DAY STORAGE CAPACITY = 600 GPD
 + DOSE 110 GPD
 TOTAL STORAGE 710 GAL
 5. VOLUME STORAGE AVAILABLE ABOVE ALARM & BELOW NORMAL WATER LEVEL = 340 GAL
 6. VOLUME OF ENTIRE TANK ABOVE NORMAL WATER LEVEL & BELOW INVERT AT HOUSE = (65.89 CUFT X 7.48 GAL/CUFT) = 492.84 GAL
 7. TOTAL 24 HR STORAGE VOLUME:
 340 GAL + 492 GAL = 832 GAL

LEGEND:
 x 542.5 SPOT ELEVATION
 2.5% FLOW PATH & SLOPE
 ▲ EX. WELL
 ● PERC TEST LOCATION
 --- ROOF DRAIN (6" PVC)
 △ APPROVED WELL
 ▲ APPROVED WELL REPLACEMENT LOCATIONS



OWNER
 CATOCTIN HOMES, INC
 P.O. BOX 512
 ELLICOTT CITY, MD 21041

*Approved
 BAT Plan*

SITE PLAN FOR BAT INSTALLATION
 2425 ELLIES WAY
 TAX ACCOUNT NO.: 353907
 LOT 1
ARRINGTON ESTATES
 3rd ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

*Linda D. Alexander
 1/17/14*

CLSI
 Engineers • Surveyors
 Land Planning & Environmental Consultants
 www.clsi-civileng.com
 439 East Main Street Westminster, MD 21157-5539
 (410) 848-1790 FAX (410) 848-1791

Date	Revisions	Drawn By: BM, MM
12/12/13	REVISED PER HEALTH DEPT. COMMENT LETTER 12/9/13	Designed By: LDA
1/2/14	REVISED PER HEALTH DEPT. COMMENT	Reviewed By: LDA
1/7/14	REVISED PER HEALTH DEPT. COMMENTS	Date: 11/26/13
		Scale: 1" = 30'
		Job No.: 2003174
		Sheet: 1 OF 1