

LAYOUT 2/3/2011 INSP 4 \_\_\_\_\_  
INSP 2 3/3/2011 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: \_\_\_\_\_ **PERMIT-MICROFAST 0.75** P 582584

APPROVAL DATE: 3/9/2011 **SEPTIC SYSTEM** A 531992

**TAX ID # 04-372980**

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH**

Halfpelt's Equipment IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: P.O. Box 519 PHONE NUMBER: 410-784-0047

SUBDIVISION Neshawat Property LOT 3

ADDRESS: 3318 Secretariat Way PROPERTY OWNER: Ryan Homes

MICROFAST 0.75 CAPACITY (GALLONS): \*see mfr **Top Seamed Two Compartment Tank**

PUMP CHAMBER CAPACITY (GALLONS): specs  
N/A

LOCATION:	Install 1500 gallon septic tank per plan unit with MicroFast 0.5 per manufacturer specifications. Contractor responsible for following MOSHA regulations during system installation.
NOTES:	A test of the blower, alarm and microfast unit is required. Install microfast unit per manufacturer's instructions.

**Note: A start-up inspection of the grinder pump must be performed with the Howard County Bureau of Utilities.**

PLANS APPROVED: Kevin Wolf RB? MD? DATE: 11/15/10

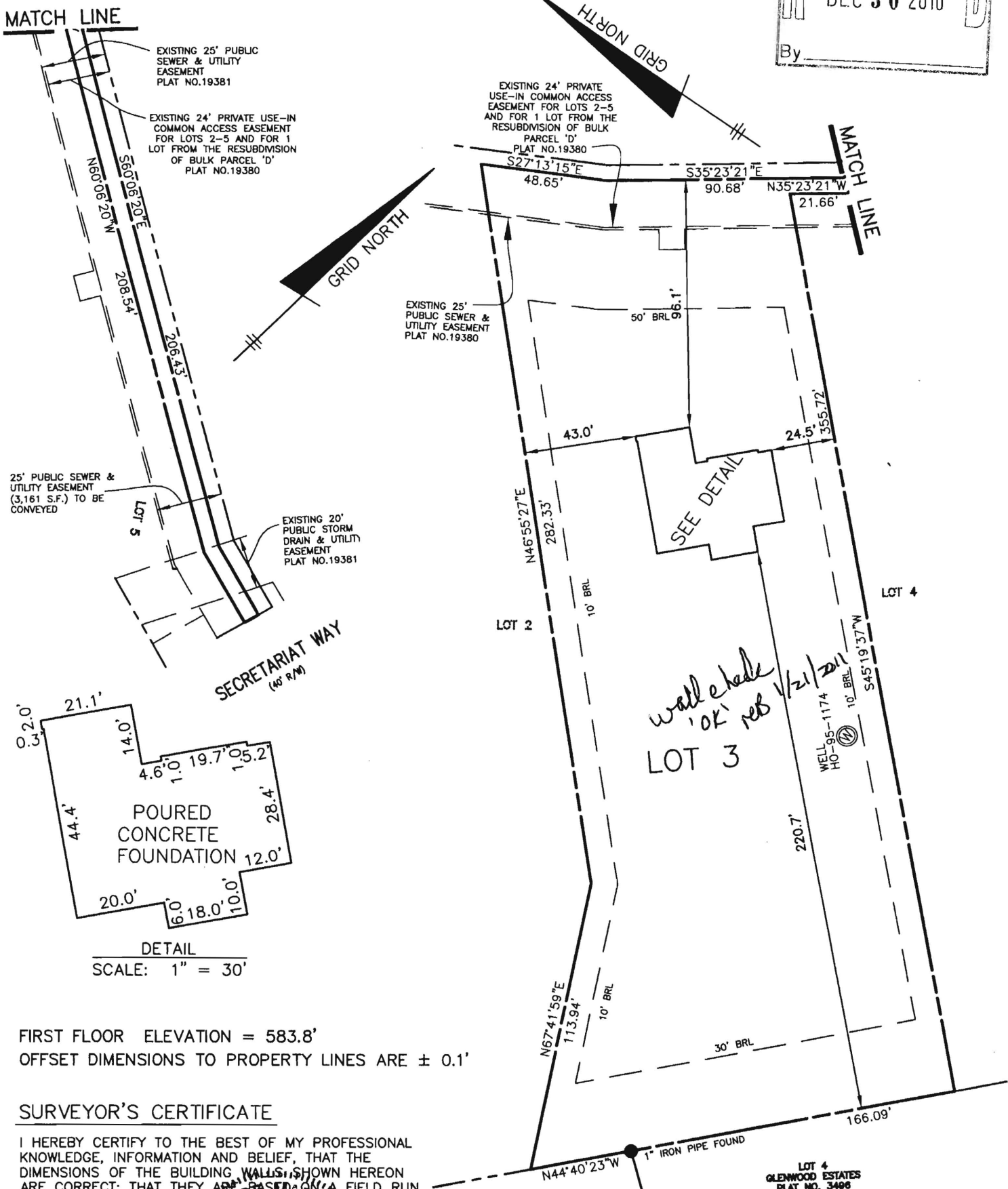
NOTES: PERMIT VOID AFTER 2 YEARS

CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**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  
ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**



RECEIVED  
DEC 30 2010  
By \_\_\_\_\_



DETAIL  
SCALE: 1" = 30'

FIRST FLOOR ELEVATION = 583.8'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 12/28/10.

*Donald A. Mason*  
DONALD A. MASON  
PROFESSIONAL LAND SURVEYOR  
MD REG. No. 21320  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
FEMA FIRM No. 240044 0020 B  
ZONE: C  
DATED: 12/04/86

**BENCHMARK**  
ENGINEERS • LAND SURVEYORS • PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MARYLAND 21043  
(P) 410-485-8106 (F) 410-485-8844  
80 THOMAS JOHNSON DRIVE • FREDERICK, MARYLAND 21702  
(P) 301-371-3505 (F) 301-371-3508  
WWW.BE-CIVILENGINEERING.COM

**WALL CHECK**  
**NESHAWAT PROPERTY**  
**LOTS 1 THRU 5**  
**NON-BUILDABLE PRESERVATION PARCEL 'A'**  
**AND NON-BUILDABLE PARCEL 'D'**  
**PLAT NO. 21296**  
**LOT No. 3**  
**3318 SECRETARIAT WAY**

FIELD OBS. BY PJ&AIS  
COMP. BY EWF  
DRAWN BY EWF

4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' DATE: 12/28/10

# Freemire & Associates, Inc.

Manufacturers' Representative for the **Municipal, Industrial & HVAC Market**

## DeZURIK Water Controls

Plug Valves, 2, 3 & 4 Way, AWWA, V-Port,  
High Performance, Resilient Seat Butterfly,  
Knife Gate and Rotary Control Valves

## Smith & Loveless

Water & Wastewater Treatment & Pumping Equipment

## Environment One

Positive Displacement Grinder Pumps  
Low Pressure Sewer Systems

## Pike Industries

Ball Valves, Hp & Resilient Butterfly Valves  
Knife Gate Valves & Square Knife Gates

## Bio-Microbics, Inc.

Single Family Sewage Treatment  
(Nitrogen Removal as Standard)

## American Manufacturing

"Perc Rite"® Drip Systems

## EBARA

Submersible Pumps: Larger Grinder,  
Effluent, Solids Handling Up to 500 HP

## Neo-Seguro

Large Diameter Rubber Seated Gate Valves

## Key Port Gas Valves

U.L. CSA, AGA & CGA Approved  
PermaSeal Plug Valves

## LIMITORQUE

Manual and Electric Valve Actuators

## BIHLERTECH, INC.

"Auto Trim" Controls & Digital Wet Well Level Indicator

## DRESSER

Dresser Couplings

## Infra-Tech LLC

Custom Concrete Package Pumping Systems

## Snap-tite

Solenoid Valves

## Crispin Valves

Air & Vacuum, Rubber Flapper Swing Check,  
Slanting Check, Cushion Swing Check, Surge Relief

## Exeltech

Tablet Feed Systems: Chlorination, Dechlorination

DATE:	March 7, 2011	NUMBER PAGES:	02
TO:	Mr. Kevin Wolf		
COMPANY:	Howard County Health Dept.		
REFERENCE:	Biomicrobics Inspection		
FROM:	Priscilla Benvengi		

Good morning,

To follow is the completed Start up for Serial #:  
MCF05202714

Thank you.

Regards,  
Priscilla Benvengi

1215 Old Dorsey Road, Harmans, MD 21077 (410) 768-8500 Fax (410) 768-3400



# Freemire & Associates, Inc.

Manufacturers' Representative

## Bio-Microbics Start-Up & Product Registration

Owner		Installer	HATFIELD'S	Consult Engineer	
Owner's Name		Name (Person)	JEFF	Phone #	
Lot #	3	Phone #	410-984-0047	Fax #	
Address (City, State & Zip)	3318 SECRETARY WAY GLENNDALE, MD.	Address (City, State & Zip)	P.O. BOX 519 ANNAPOLIS JUNCTION MD. 20710	Original Purchaser from Freemire	
County	HOWARD 21738	Fax #	301-490-5794	Order #	1100266

The Unit is installed per Manufacturers Instruction? ☒ Yes ☐ No

Date of Inspection: 3/3/11 Date Shipped to User: 1/12/11 Serial #: ~~05202714~~ 05202714

In addition to proper installation, I have specifically verified that the following tasks are complete:

### ELECTRICAL PANEL(S)

- ☒ Proper voltage to electrical panel(s), mounted correct & secure
- ☒ Visual alarm operating
- ☒ Audio alarm operating (if present)

### TREATMENT UNIT(S)

- ☒ Clean outs to grade and accessible
- ☒ Air vent clear
- ☐ Septic tank is level & will drain properly
- ☐ Septic tank meets minimum size
- ☐ Septic tank filled to operating level with water
- ☐ Air lift operation
- ☐ Recirculation tube in place
- ☒ Fasteners tight

### BLOWERS

- ☒ Wired for correct voltage
- ☒ Inlet/Outlet piped correctly
- ☒ Filter element installed
- ☒ Blower hood secure
- ☐ Blower works correctly
- ☐ Blower located within 100 feet of treatment unit
- ☐ Air line clean
- ☒ Air inlet screen clear
- ☒ Blower hood vents clear

Comments:

Start-Up Scheduled for:

Restart Date:

Restart Paid: ☐ Yes ☐ No

Your Signature:

Title:

Print Name:

Date:

SEND TO: ☐ MDE ☐ DNREC ☐ BIOMICROBICS

1215 Old Dorsey Road • Harmans MD 21077 • (410) 768-8500 • Fax: (410) 768-3400