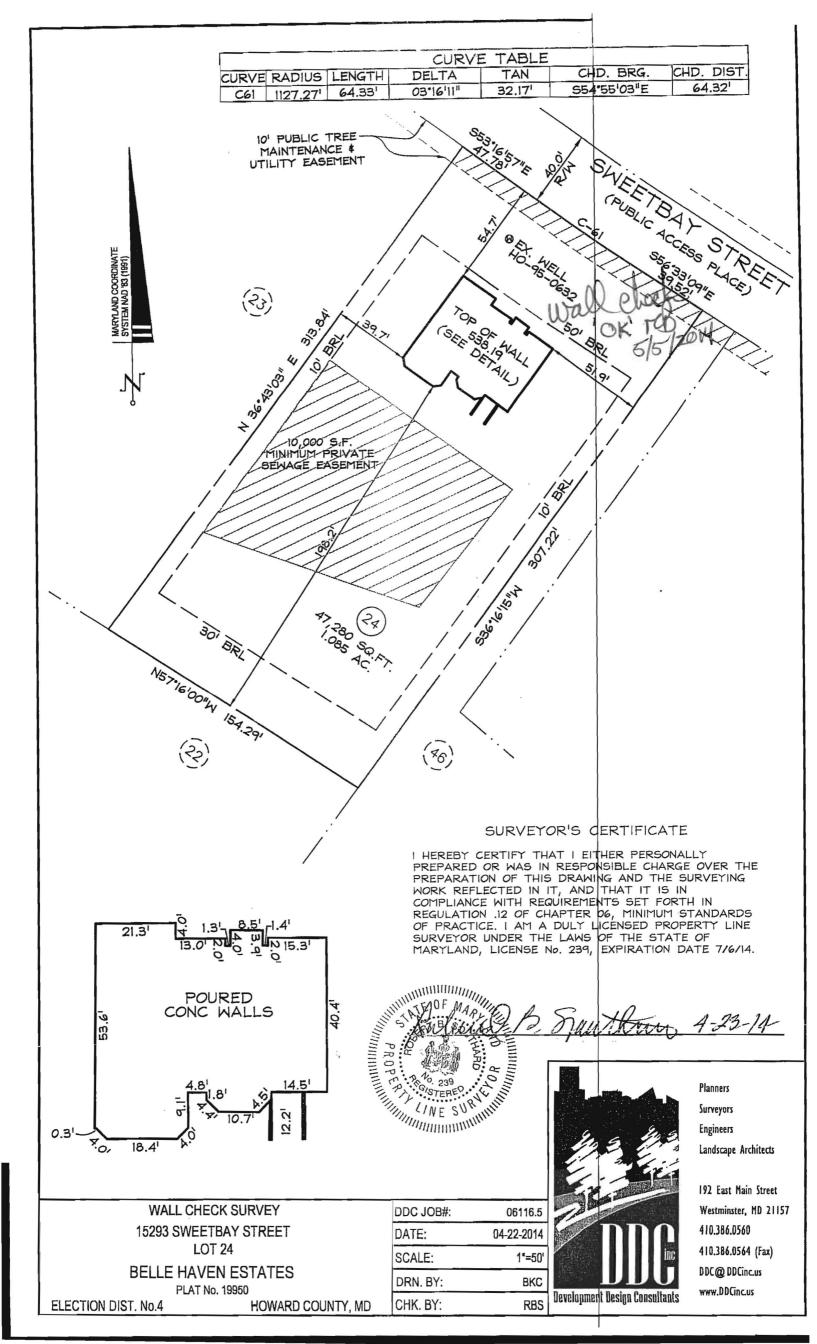
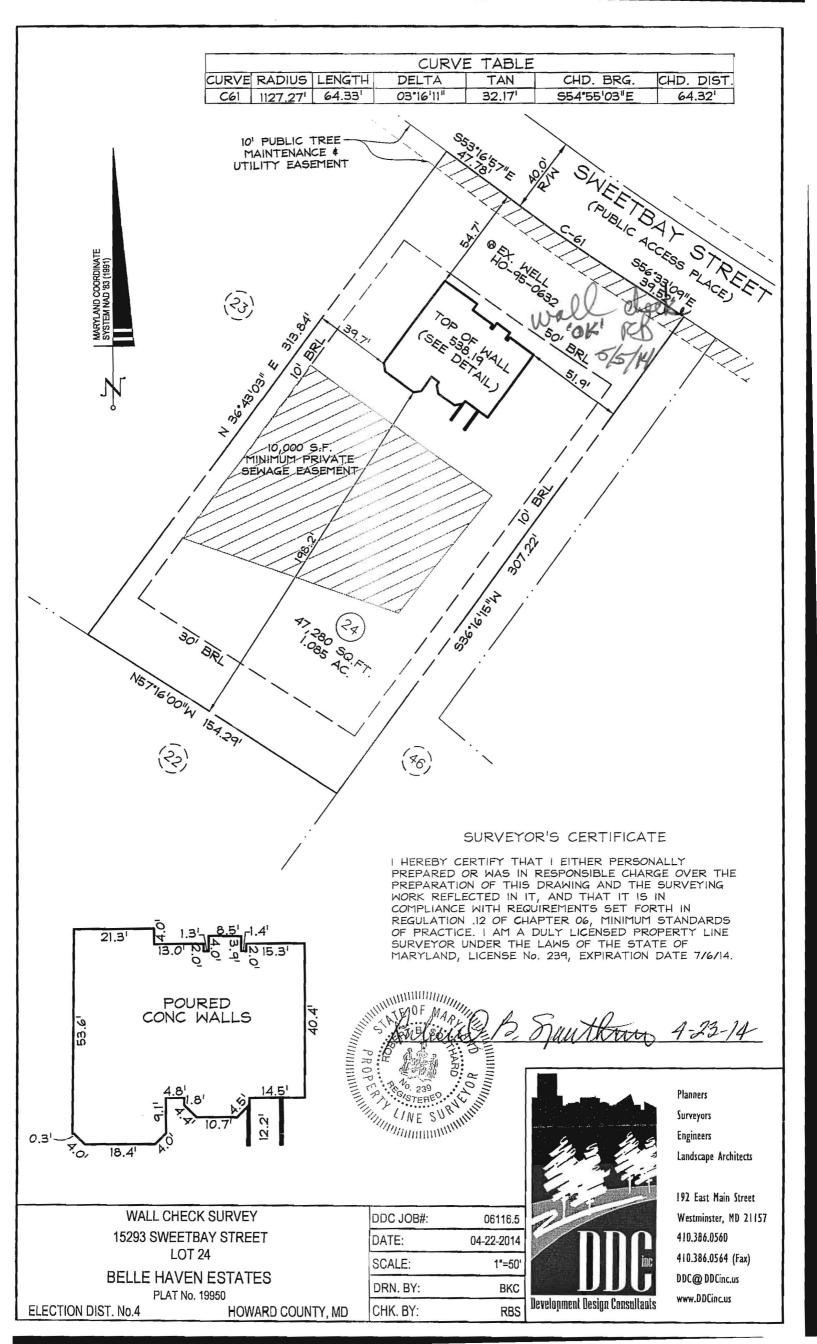
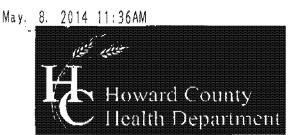
Howard County Health Department	Bureau of Environmental Health 7178 Gateway Drive Columbia, MD 21046 (410) 313-2640 Fax (410) 313-2648 TDD (410) 313-2323 Toll Free 1-866-313-6300 website: www.hchealth.org				
Locul	Maura J. Rossman, M.D., Health Officer				
	P 54633				
APPROVAL DATE: 1015/14					
PROPERTY ADDRESS: 15293 Sweet	bay Street				
SUBDIVISION: Belle Haven Estates					
CONTRACTOR: McKim Construction					
CONTRACTOR ADDRESS: 38979 Ho	usholder Road, Lovettsville, VA 20180 PHONE: 540-338-3583				
PROPERTY OWNER: Belle Haven Ba	eker EMAIL:				
OWNER ADDRESS: 10751 Falls Roa	d Ste. 405, Lutherville, MD 21093 PHONE:				
BAT UNIT MODEL: HOOT BNR 600	BAT UNIT SIZE: 600GPD				
PUMP CHAMBER CAPACITY (GALLON	S): PUMP SIZE:				
NUMBER OF BEDROOMS: 5					
DISTRIBUTION SYSTEM: GRAVITY					
LINEAR FEET REQUIRED: 132 /60 INLET DEPTH: -4 3					
TRENCHES: TRENCH WIDTH:	3 2 MAXIMUM BOTTOM DEPTH: 8				
MINIMUM SPACE BETWEEN TRENCHES:	11 EFFECTIVE AREA BEGINNING DEPTH: 4				
	N. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED E-CONSTRUCTION INSPECTION.				
Set BAT unit per plan.	A immediately downhill of tank outlet.				
NOTES: Install 2 x 66' trenches on					
	ISSUED BY: Robert Bricker ISSUE DATE: EXPIRATION DATE: 4-25-15				
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 REQU	JIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM				
The control of the control of the control of the second production of the second s	NTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE				
SUCCESSFUL OPERATION OF ANY SYSTEM.					
	DNSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. LL 410-313-1771 TO SCHEDULE INSPECTIONS.				

NOT TO SCALE **TRENCH/DRAINFIELD DATA** WIDTH INLET BOTTOM 2 3 8 NUMBER OF TRENCHES TOTAL LENGTH 160 ABSORPTION AREA 320'+54 DISTRIBUTION BOX LEVEL Ve. s 1 DISTRIBUTION BOX BAFFLE Yes 106 DISTRIBUTION BOX PORT \_\_\_\_\_Yes 80 bØ ١ SEPTIC TANK DAT. Ĩ MANUFACTURER Mayer Bre CAPACITY N600 GAL 6 SEAM LOC \_\_\_\_\_ TANK LID DEPTH 1 BAFFLES Yes BAFFLE FILTER \_\_\_\_\_\_\_\_ MANHOLE LOC Front 6" PORT LOC WATERTIGHT TEST SLOTTED Yes DATE ON LID 13 PUMP/SEPTIC TANK LEVEL MANUFACTURER CAPACITY \_\_\_\_\_GAL SEAM LOC TANK LID DEPTH \_\_\_\_\_ BAFFLES BAFFLE FILTER MANHOLE LOC 6" PORT LOC WATERTIGHT TEST 62 SLOTTED DATE ON LID **ROAD NAME** HO-15-063= PRE-CONSTRUCTION: FL INSTALLATION: 30/11 Inchas Actually OK Ma unit 6000 prior FINAL INSPECTOR DATE OF APPROVAL







### Bureau of Environmental Health000065 7178 Columbia Gateway Drive, Columbia, MD 21046-2147 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-855-313-6300

www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: HowardCoHealthDep

BAZY

P. 2

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  $24^{-5}$  day of Arel 2014, among K. HUMANIAN Hump of Marying 7. LLC, 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 5293 SWEERAN STREET, WOOMWIN, M. 21797 , in the 43 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 1508 Folio 136. 107 24

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

40-24

# INEL 15558 minu 82

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.

HUNNIN Owner may Rospinados

Howard County Health Departm

Owner

Date

LR - Agreement Recording Fee Grantor/Grantee / Movnanian Nomes ( LLC	
Reference/Control LR - Apreement	
Surcharpe SubTotal:	40.00 
Toial: #2720503-9	180.00
04/28/2014 11:3( ( #2720503 000503 -	36-3F
Howard Co Columbia/CC05.03 Register 02 404	.02



**MAYER BROS., INC.** 

Precast Concrete Products 6264 Race Rd. Elkridge, MD 21075

# Letter of Satisfaction Hoot System Installation

Address of Property:	15293	Sweetbar	St.
	woodbi		

Date of Final Inspection:	8/19/14	
Installer: Ben Lewis	Plumbing, Inc.	
Hoot Technician/Inspector:h	nike 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@connext.net

www.mayerbrosprecast.com

Gresse Interceptors, Gresse Solutions, Acrobic Treatment Units, Septic Tanks, Holding Tanks, Storm Water Structures, Hydroceptors, Bench Barrier, Water Meter Vaults, Sectional Valve Vaults, Top Stabs, Curb Hends, Ourb Bumpers, Perminitry Basement Entries. Scapewel Window Wells, Custom Process Products

BC

Barrick Dispatch 301-845-6343 Barrick Sale 301-845-6341 We are an Equal Opportunity Employer

### S.W. Barrick & Sons WOODSBORO, MARYLAND

Mailing Address: P.O. Box 1504 Laurel, Maryland 20725

### **INSPECTOR'S COPY**

BILLING INQUIRIES 1-800-762-2294

:57

TICKET #01056030 STATION B DATE 07/29/14 TIME 10:41:57

JOB BELHAV : BELL HAVEN P.D. # 30220 PROJECT #: 70- R 975- R UNION CHAPEL RD-L BRIDALWREATH CT. TO ADD "2803"

CUSTOMER LEWBEN BEN LEWIS INC. 23407 FREDERICK RD CLARKSBURG, MD 20871

Load 7

TRUCK 702C LICENSE DRIVER: C.F.KERNS

IN

3 AXLES

68540

25500

43040

21.52

LOT 2324

			Loads		Tons	6.	
3	16	DAILY	2	. 4	4.35	5	
ŝ.	16	TOTAL	4	8	18. 88	3	
3	15	TIME IN	10:41:57	TIME	OUT	10:41	-
>	t						

MAT'L 22 : MD# 2 (ARSHTO#3) HAUL ZONE J10

WEIGHMASTER

GROSS

TARE

NET

MET

Sally Gardner

SCALE A

(STORED)

RECEIVED B

301-674-3324 ANDY

Have a Nice Day!



Barrick Dispatch 301-845-6343

Barrick Sale 301-845-6341 We are an Equal Opportunity Employer

### S.W. Barrick & Sons WOODSBORO, MARYLAND

Mailing Address: P.O. Box 1504 Laurel, Maryland 20725

### INSPECTOR'S COPY

**BILLING INQUIRIES** 1-800-762-2294

TICKET #01056025 STATION B DATE 07/29/14 TIME 10:35:42

RD-

"2803"

CUSTOMER LEWBEN BEN LEWIS INC. 23407 FREDERICK RD CLARKSBORG, MD 20871 Load 7

TRUCK 7020 LICENSE DRIVER: C.F. KERNS

SCALE B 69400 1b IN (STORED) 23740 1b 45660

1b 22.83 4

3 AXLES

MAT'L 22 : MD# 2 (AASHT0#3) HAUL ZONE J10

WEIGHMASTER

GROSS

TARE

NET

NET

Sally Gardner

RECEIVED BY 301-674-3324 ANDY

Have a Nice Day!

P. D. # 30279 PRDJECT #: 70- R 975- R UNION CHAPEL L BRIDALWREATH CT. TO ADD

Loads Tons 22.83 DATLY TOTAL 2

: BELL HAVEN

TIME IN 10:35:42

JOB BELHAV

LOT 33 69

67.36 TIME OUT 10:35:42

We are an Equal Opportunity Employer BO INSPECTOR'S COPY S.W. Barrick & Sons WOODSBORO, MARYLAND **BILLING INQUIRIES** Barrick Dispatch **Barrick Sale** 301-845-6343 301-845-6341 1-800-762-2294 Mailing Address: P.O. Box 1504 Laurel, Maryland 20725 #01056113 TICKET STATION B DATE+07/29/14 TIME 12:53:46 : BELL HAVEN -JOB BELHAV CUSTOMER LEWBEN BEN'LEWIS INC. P.O. # 30279 PRODECT #: 70- R 97S- R UNION CHAPEL 23407 FREDERICK RD RDu BRIDALWREATH CT. TO ADD "2803" CLARKSBURG, MD 20871 TRUCK 6738 LICENSE 3 AXLES LOT 32 DRIVER: COLSON TRUCKING Loads Tons DAILY 89.28 SCALE, B 59480 Ib 133.81 (STORED) 27040 16 TOTAL TARE IN NET 16 TIME 12:53:46 TAME .DUT .12:53:46 42440 IN The markens of -250 The man the state of the NET mercenne 22 MAT'L 22 : MD# 2 (AASHTO#3) HAUL ZONE JIG RECEIVED BY WEIGHMASTER LOT 24 Sally Ga 301-674-3324 ANDY Have a Nice Day!

# BQ

Barrick Dispatch Barric

patch Barrick Sale 343 301-845-6341

141

We are an Equal Opportunity Employer

### S.W. Barrick & Sons WOODSBORO, MARYLAND

Mailing Address: P.O. Box 1504 Laurel, Maryland 20725 INSPECTOR'S COPY

BILLING INQUIRIES 1-800-762-2294

TICKET #01056105

DATE 07/29/14 TIME 12:41:40

PRESS INCOME.

CUSTOMER LEWBEN

BEN LEWIS INC. 23407 FREDERICK RD CLARKSBURG, MD 20071

TRUCK 5130 LICENSE DRIVER: HUBBLE

GROSS SCALE A - SCALE A - (STORED) NET NET

MAT'L 22 : MD# 2 (AASHTO#3 HAUL ZOŇĚ J10

Have a Nitte Day!

JOB BELHAV : BELL HAVEN

P.O. # 30279 PROJECT #: 70- R 975- R UNION CHAPEL RD-L BRIDALWREATH CT. TO ADD "2803"

47420 16 TIME IN 12:41:40 TIME OUT 12:41:40

H NE RECEIVED BY

## 301-674-3324 ANDY

BQ

Barrick Dispatch Ba 301-845-6343 301

Barrick Sale 301-845-6341

We are an Equal Opportunity Employer

### S.W. Barrick & Sons WOODSBORO, MARYLAND

Mailing Address: P.O. Box 1504 Laurel, Maryland 20725

#### INSPECTOR'S COPY

BILLING INQUIRIES 1-800-762-2294

TICKET #01056458 STATION B DATE 07/30/14 TIME 12:05:25

CUSTOMER LEWBEN BEN LEWIS INC. 23407 FREDERICK RD CLARKSBURG, MD 20871

TRUCK 5130 LICENSE DRIVER: HUBBLE

GROSS SCALE A TARE IN (STORED) NET .

MAT'L 22 : MD# 2 (AASHTO#3) HAUL ZONE J10

WEIGHMASTER

Sally Gardner

Ladts

67180 lb

4564Ø 1b

21540

22.82

JOB BELHAV : BELL MAVEN P.O. # 30315 PROJECT #: 70- R 975- R UNION CHAPEL RD-L BRIDALWREATH CT. TO ADD "2803"

3 AXLES

16

主

LOT \$ 29

	Loads	Tons
DAILY	1	22,82
TOTAL	7	156.63
TIME IN	12:05:25	TIME OUT 12:05:2:

RECEIVED BY

LOT 24

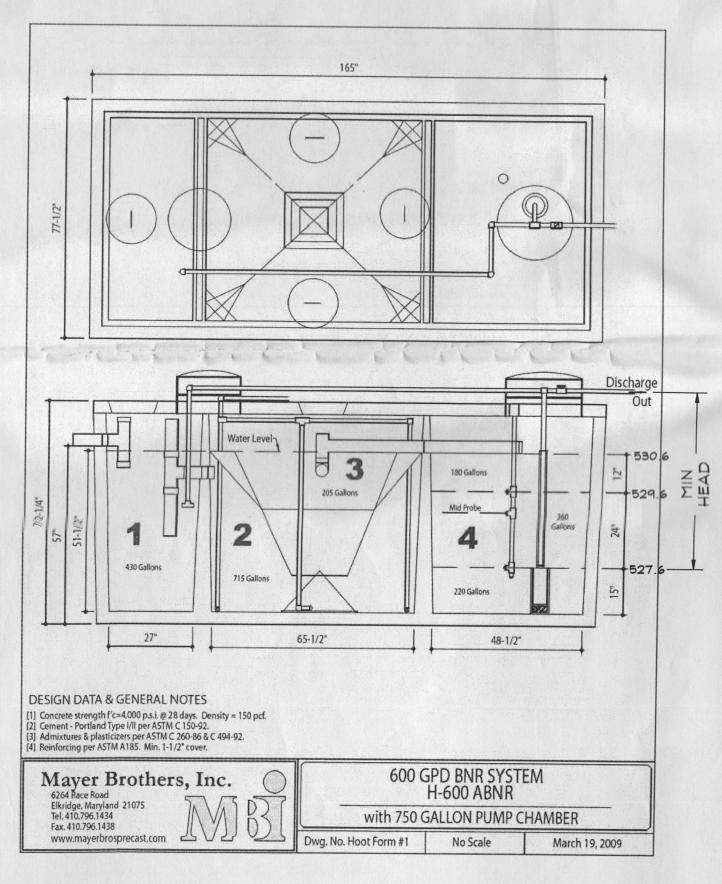
Have a Nice Day!

301-674-3324 Andy

# GENERAL NOTES

1. BASE SQUARE FOOTAGE OF HOUSE: 2,072 SQ.FT.

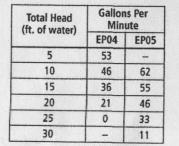
- NUMBER OF BEDROOMS: 4
- 2. EJECTOR PUMP REQUIRED TO SEWER BASEMENT 3. DRIVEWAY CULVERT IS NOT REQUIRED PER THE APPROVED ROAD DRAWINGS, F-07-38.
- 4. THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND PER COMP-LITE ZONING REGULATIONS DATED 7/28/06.
- 5. PLAT REFERENCE: #19948 6. BASE INFORMATION SHOWN ON THIS PLAN IS BASED ON PLANS PREPARED BY DMW, AND DATED 06/25/07. EXISTING TOPOGRAPHY BASED ON GRADING PLAN PREPARED BY DEMARIO DESIGN CONSULTANTS DATED 07/09/07 AND FIELD RUN TOPOGRAPHY PREPARED BY DDC INC IN JAN. 2012.
- 7. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DESIGN DETAILS. PRIOR TO STAKEOUT FOR CONSTRUCTION, IT SHALL BE THE OWNER/BUILDERS RESPONSIBILITY TO PROVIDE DDC, INC. WITH THE MOST RECENT SET OF HOUSE PLANS.
- 8. THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS / BUREAU OF ENGINEERING / CONSTRUCTION INSPECTION DIVISION AT (410)313-1881 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- 9. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- 10. TOTAL LIMIT OF DISTURBANCE: 12,500 SQ. FT. / 0.29 AC. 11. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED PER THE PREVIOUSLY APPROVED FINAL PLAN (F-07-38).
- 12. ANY DAMAGE TO PUBLIC "RIGHT-OF-WAYS" OR PAVED PUBLIC ROADS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTORS EXPENSE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
- 13. DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE CIVIL ENGINEER (DDC, INC.) MAY CAUSE THE WORK TO BE UNACCEPTABLE.
- 14. THE DIMENSIONED DISTANCES SHALL GOVERN IF SCALED AND DIMENSIONED DISTANCES ON THIS PLAN ARE FOUND TO BE IN DISAGREEMENT.
- 15. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM LOT AREA AND OWNERSHIP WIDTH AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- 16. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A
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- 17. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 18. UPON BUILDING PERMIT REVIEW THE SEPTIC SYSTEMS OF ALL PROPOSED STRUCTURES AND OR EXISTING STRUCTURE EXPANSIONS SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY 19. THE DEVELOPMENT OF THIS LOT DOES NOT REQUIRE AN ENVIRONMENTAL
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- 2. THE MAXIMUM DEPTH OF THE BAT PER THE MANUFACTURER'S SPECIFICATION IS 3 FEET. 3. THE BLOWER MAY NOT BE LOCATED MORE THAN 10 FEET FROM THE TANK BASED
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- SYSTEM 5. THE BAT SHALL BE OPERATED BY AND 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 MDE, THE ADDRESS AND DATE OF COMPLETION OF THE BAT INSTALLATION AND THE TYPE 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.

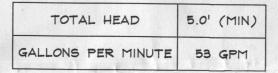


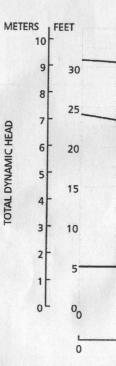
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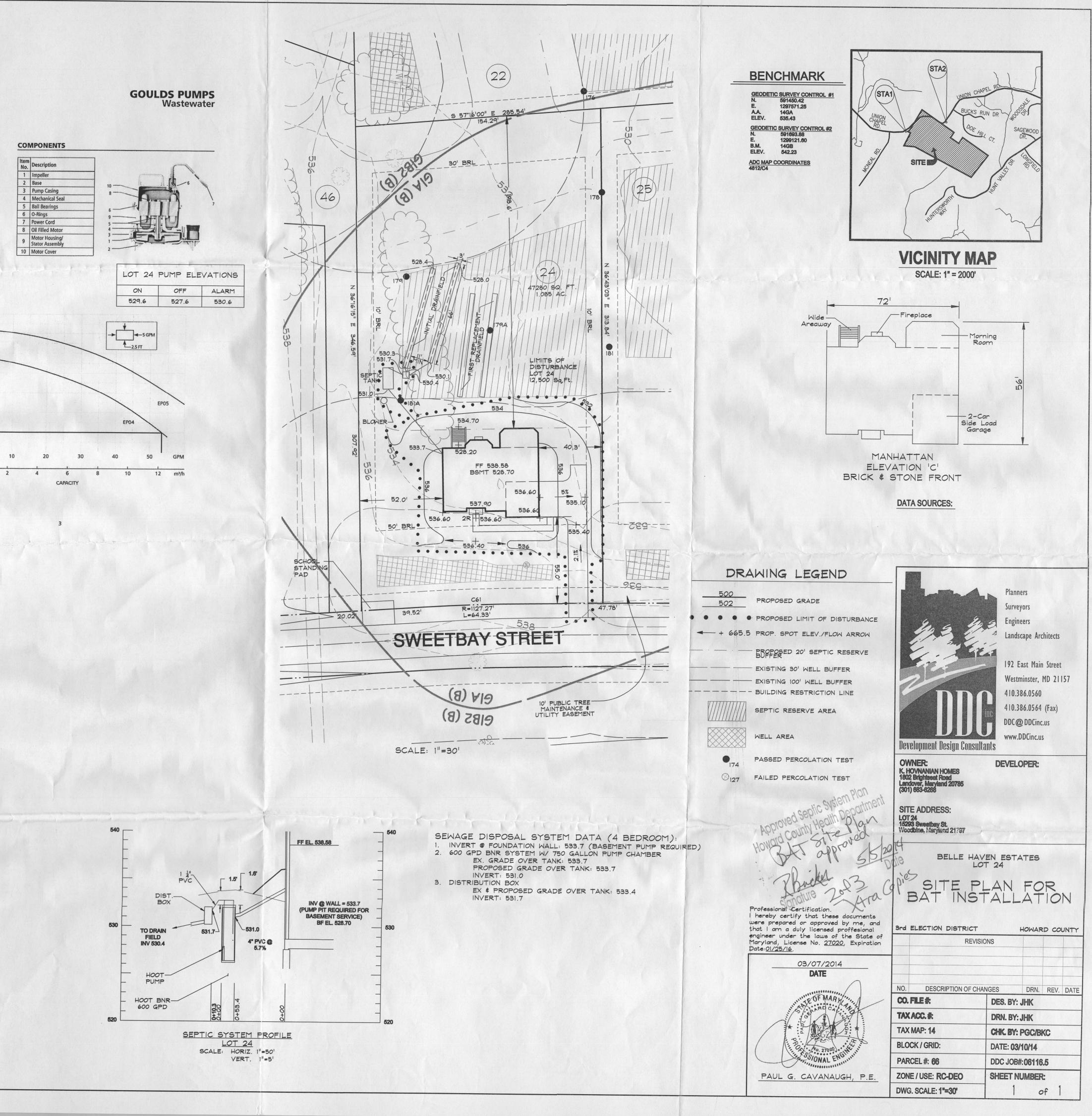


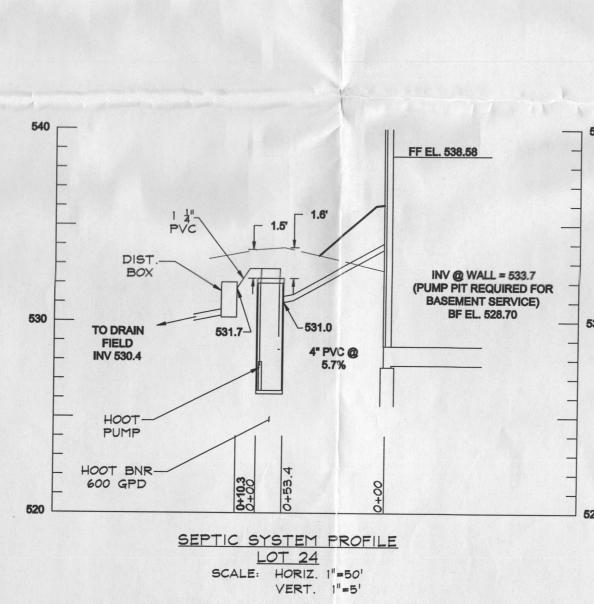
# PERFORMANCE RATINGS







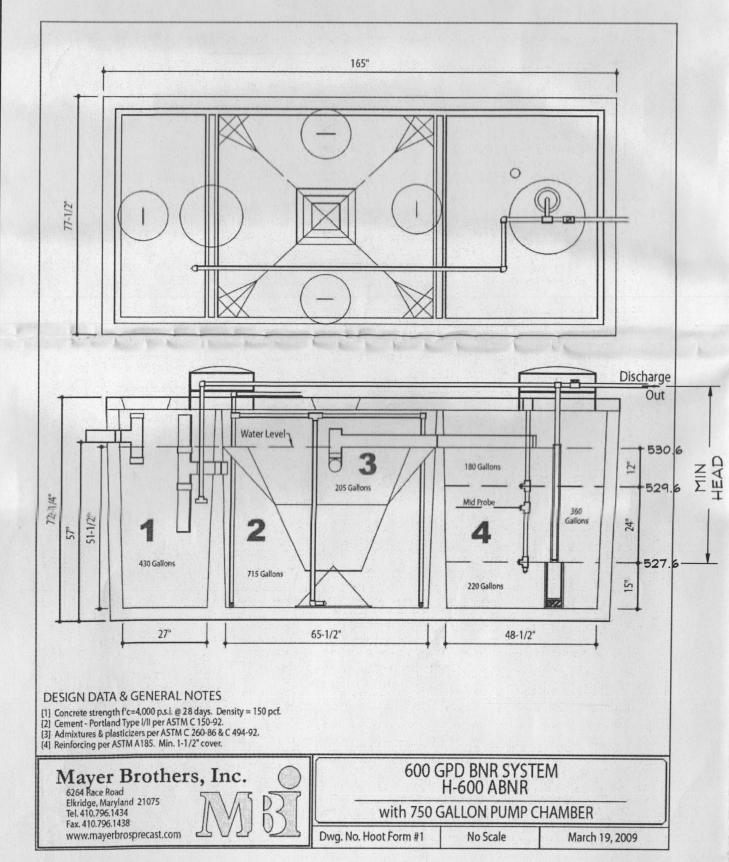




### GENERAL NOTES

BASE SQUARE FOOTAGE QF HOUSE: 2,072 SQ.FT.

- NUMBER OF BEDROOMS: 4 2. EJECTOR PUMP REQUIRED TO SEWER BASEMENT
- 3. DRIVEWAY CULVERT IS NOT REQUIRED PER THE APPROVED ROAD DRAWINGS, F-07-38.
- 4. THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND PER COMP-LITE ZONING REGULATIONS DATED 7/28/06.
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- 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.





### PERFORMANCE RATINGS

Total Head (ft. of water)	Gallons Per Minute	
(it. of water)	EP04	EP05
5	53	-
10	46	62
15	36	55
20	21	46
25	0	33
30	-	11

TOTAL HEAD	5.0' (MIN)
GALLONS PER MINUTE	53 GPM

