

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

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

RECEIPT DATE: 6-13-16 **ONSITE SEWAGE DISPOSAL SYSTEM** P 568756

APPROVAL DATE: 11/24/16 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 12237 Hayland Farm Way

SUBDIVISION: Walnut Creek LOT: 82 TAX ID: _____

CONTRACTOR: Freedom Septic EMAIL: kristin@freedomseptic.com

CONTRACTOR ADDRESS: 2809 Liberty Road, Sykesville, MD 21784 PHONE: 410-984-6863

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: Marc and Carrie Goracke EMAIL: _____

OWNER ADDRESS: 10548 Gorman Road, Laurel, MD 20723 PHONE: 301-490-5317

BAT UNIT MODEL: Norweco TNTLP 500 PUMP SIZE: NA PUMP TANK CAPACITY: NA

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 4-20-16 DATE RECORDED: 4-20-16

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>157</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>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: [REDACTED]

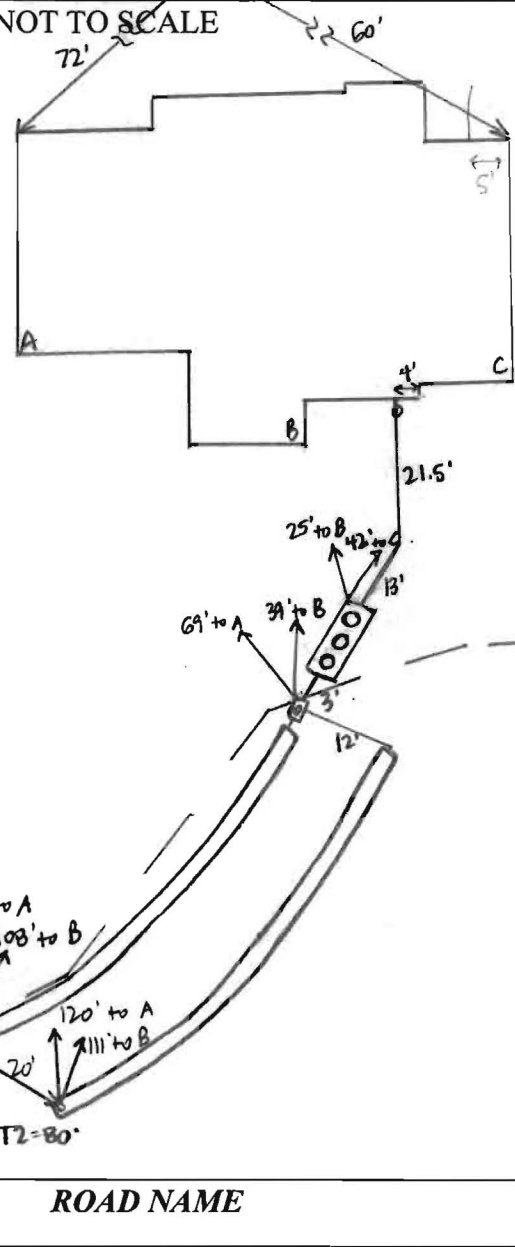
ISSUED BY: Jeff Williams ISSUE DATE: 8-29-16 EXPIRATION DATE: 6-13-17

- 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
 ELECTRICAL PERMIT ISSUED E 16004728
- NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

**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.**

W H0-95-2599

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	0'
NUMBER OF TRENCHES	2	
TOTAL LENGTH	160'	
ABSORPTION AREA	480' + SIDEWALK	
DISTRIBUTION BOX LEVEL	YES	
DISTRIBUTION BOX BAFFLE	YES	
DISTRIBUTION BOX PORT	YES	

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	BACKRIVER/NORWEGIAN
CAPACITY	1300 GAL
SEAM LOC	TOP
TANK LID DEPTH	2'
BAFFLES	NO
BAFFLE FILTER	NO
MANHOLE LOC	FRONT, MID, REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	3-28-16

PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

10/18/16 Met Freedom on site for layout. All SDA and tank stakes present. Trenches staked - confirmed elevations and lengths. Moved tank a few feet closer to T1 to get it out of a swale. (SC)

INSTALLATION: 10/25/16 House connection made tank set. D-box installed. Freedom adding stone to T2 - 3' wide, 8' bottom. (SC) 10/26/16 Trenches complete T1 left open, 3' wide, 3.5' to stone. Levelled speed levelers on D-box. Need BAT startup certification. (SC) 11/21/16 BAT startup certification received. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 11/21/16

Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification

This is to certify that the Norweco Singlair TNT 600 GPD Septic Tank installed at 12237 Hayland Farm Way, Ellicott City, MD 21042 October 25, 2016 was installed according to the manufacture's specifications.

Installer: Daniel Farrow

Property Owner: Marcus George

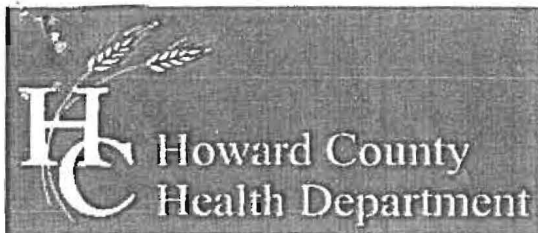
Permit #

THIS CERTIFICATION IS FOR INSTALLATION ONLY. THE 5-YEAR OPERATIONS & MAINTENANCE AGREEMENT FROM DATE OF INSTALLATION WILL ONLY GO INTO EFFECT AFTER BACK RIVER PRE-CAST, LLC RECEIVES FINAL AND FULL PAYMENT FOR THE SYSTEM.



MATTHEW GECKLE

Vice-President



Bureau of Environmental Health

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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 29th day of APRIL ~~March~~ 2014, among Marc + Carrie Goracke, 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 12237 Hayland Farm Way, Ellicott City, Maryland 21042, in the 6th 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. The pre-treatment device being installed is Norweco Singulair TNTLP-500.

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.

Bert Ruffin 4/20/2014
Howard County Health Department

Owner #1 Signature Date

Owner#2 Signature Date

Owner #1 Print Name

Owner #2 Print Name

[Signature]
Buyer #1 Signature Date

Carrie Goracke
Buyer #2 Signature Date

MARC GORACKE
Buyer #1 Print Name

CARRIE GORACKE
Buyer #2 Print Name

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: Goracke
Reference/Control #: 72

LR - Agreement Surcharge
1x 40.00 40.00

=====
SubTotal: 60.00
Total: 60.00

=====
REV-Check-BOA 60.00
Number : 686

04/20/2016 10:29 CC13-SB
#5978771 /496/109
~ Thank you for visiting us today ~

Transmittal

Via: Fax Mail Messenger E-Mail To Be Picked Up
 Fax (original to follow via U.S. Mail)

To: Bureau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21046-4544	Attn: Jeff Williams Fax: Phone: 410-313-2640
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From: Dave Harward	CC:
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Re: Walnut Creek, Lot 82	W.O.# 04001-6022
Date: Mar. 9, 2016	Pages: 0 Page(s) Including this cover

We are forwarding: <input checked="" type="checkbox"/> Prints <input type="checkbox"/> Copy of Letter <input type="checkbox"/> Specifications <input type="checkbox"/> Shop drawings <input type="checkbox"/> Other <input type="checkbox"/> Urgent <input type="checkbox"/> For your use <input type="checkbox"/> As requested <input checked="" type="checkbox"/> For Review & Comment

Remarks:

Re: Walnut Creek, Lot 82 12237 Hayland Farm Way, BAT Plan

Jeff,

Somehow we printed the plan that did not have note 12 revised. We apologize for that. Here are 3 copies of the BAT plan for your approval.

Please leave one approved plan up front for our pick-up please.

Thank You,

Dave Harward

Fisher, Collins, & Carter, Inc. Ph. 410-461-2855 email: dave@fcc-eng.com

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Williams, Jeffrey

From: Williams, Jeffrey
Sent: Wednesday, March 09, 2016 8:08 AM
To: amv@fcc-eng.com
Cc: 'Dave Harward, III'; Freemon, Robert
Subject: RE: Walnut Creek lot 82

I've reviewed the revised BAT plan for Walnut Creek lot 82 and the well certification statement in BAT note 12 still references the wrong well tag number. Please correct and resubmit. Thanks
Jeff

From: Dave Harward, III [<mailto:DaveH@fcc-eng.com>]
Sent: Friday, February 26, 2016 10:00 AM
To: Williams, Jeffrey
Subject: RE: Walnut Creek lot 82

OK, Thanks Jeff !

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Friday, February 26, 2016 9:38 AM
To: Dave Harward, III
Cc: Aldo Vitucci
Subject: RE: Walnut Creek lot 82

That's because I reviewed the Floorplans several days after sending my BAT comments and didn't realize it was already sized for 5 bedrooms. If you're sticking with that design flow, you're good to go. Sorry for the confusion.

From: Dave Harward, III [<mailto:DaveH@fcc-eng.com>]
Sent: Friday, February 26, 2016 9:28 AM
To: Williams, Jeffrey
Cc: Aldo Vitucci
Subject: RE: Walnut Creek lot 82

Jeff,

We are confused by this comment. We received comments from you (copy attached), which we are addressing. The design is for 5 bedrooms on the BAT plan. The trench computations will be revised with the adjusted side wall reduction.

Please let me know if you have any further question about this.

Thanks,
Dave.





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

MEMORANDUM

TO: Aldo Michael Vitucci
Fisher, Collins, and Carter

FROM: Jeff Williams
Program Supervisor, Well & Septic Program

RE: BAT Plan 12237 Hayland Farm Way

DATE: February 16, 2016

I have reviewed the above referenced BAT plan and have the following comments for revision:

- The alternate well site is located less than 10 feet from the driveway. The well site must be relocated via a revised perc certification plan or bollards or landscape protection such as large rocks must be shown on the plan to protect the site.
- BAT note #12 references a well tag number different from the actual well on the lot.
- The calculations for the trench requirement use 4 feet of available sidewall where only 3 feet area available. While the trench depth is from 4-8', the sidewall doesn't start until 5' depth. As a result, the total trench length required is more than what is shown on the plan.

From: Williams, Jeffrey [mailto:jewilliams@howardcountymd.gov]
Sent: Friday, February 26, 2016 8:41 AM
To: Aldo Vitucci <amv@fcc-eng.com>
Subject: Walnut Creek lot 82

I have reviewed the Floorplans for WC lot 82. We count 4 bedrooms on the 2nd floor and none on the other floors. However, the rough in for a full bath in the unfinished basement makes it very likely for a room to be considered a bedroom when the basement gets finished in the future. We strongly recommend upsizing the system for at least 5 bedrooms to account for that. When we get a building permit, we will be sending the builder a memo with this message. You may want to confer with them to see if they choose to upgrade or stay with a 4 bedroom design. If they choose to stay at 4 bedrooms, we will retain the memo in our file to use when the basement is to be finished. Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

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Williams, Jeffrey

From: Williams, Jeffrey
Sent: Tuesday, February 16, 2016 3:16 PM
To: amv@fcc-eng.com
Cc: Freemon, Robert
Subject: Walnut Creek lot 82 BAT memo
Attachments: 12237 Hayland Farm BAT memo.pdf

Please see the attached memo with comments for revision to the BAT plan at WC lot 82.

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

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Transmittal

Via: Fax Mail Messenger E-Mail To Be Picked Up
 Fax (original to follow via U.S. Mail)

To: Bureau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21046-4544	Attn: Sharhonda Fax: Phone: 410-313-2640
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From: Dave Harward	CC:
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Re: Walnut Creek, Lot 82	W.O.# 04001-6022
Date: Feb. 10, 2016	Pages: 0 Page(s) Including this cover

We are forwarding: <input checked="" type="checkbox"/> Prints <input type="checkbox"/> Copy of Letter <input type="checkbox"/> Specifications <input type="checkbox"/> Shop drawings <input type="checkbox"/> Other <input type="checkbox"/> Urgent <input type="checkbox"/> For your use <input type="checkbox"/> As requested <input checked="" type="checkbox"/> For Review & Comment

Remarks:

Re: Walnut Creek, Lot 82 12237 Hayland Farm Way, BAT Plan

Provide here are two prints of the BAT plan for review.

Please have any review comments emailed to my attention at daveh@fcc-eng.com

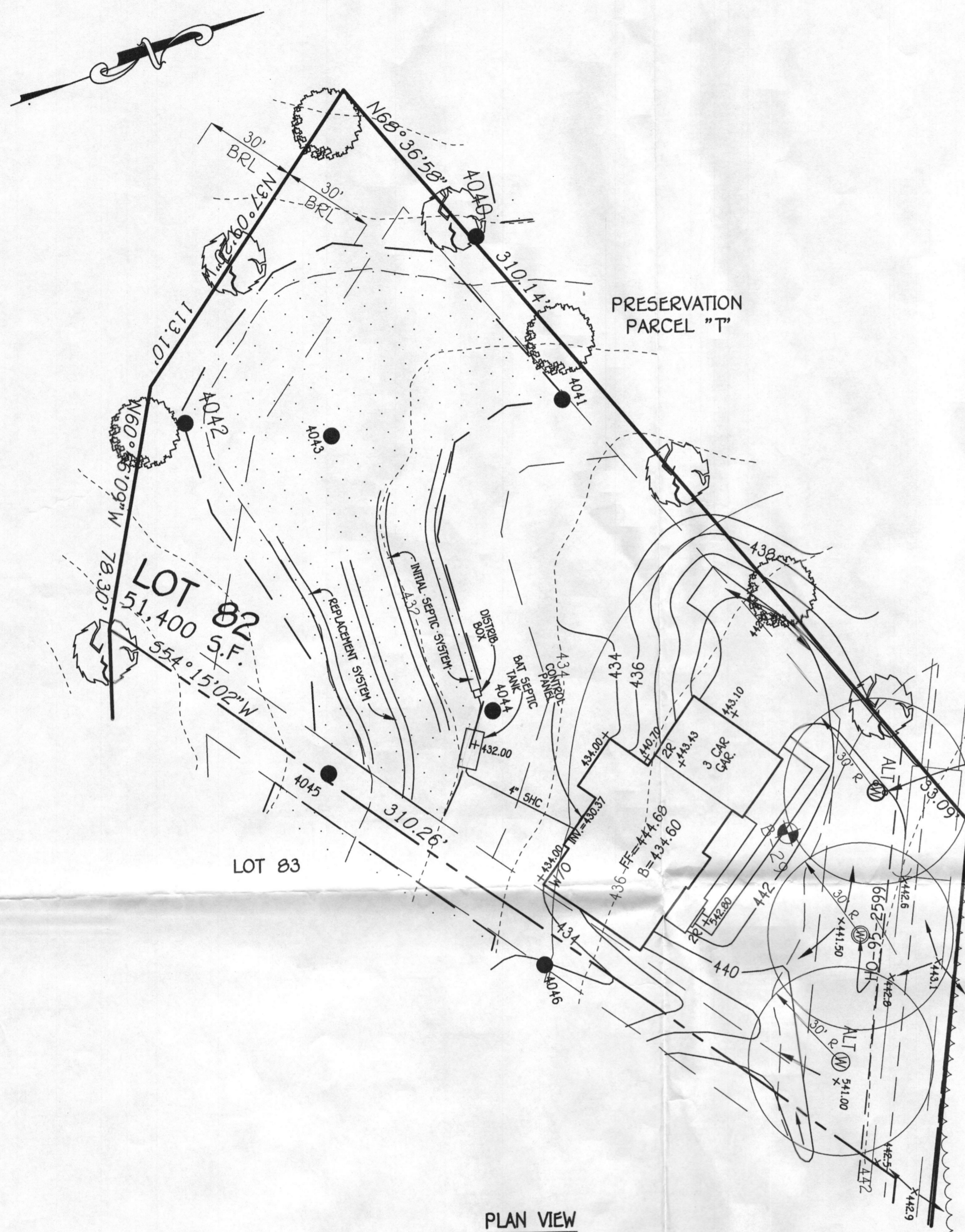
Thank You,

Dave Harward

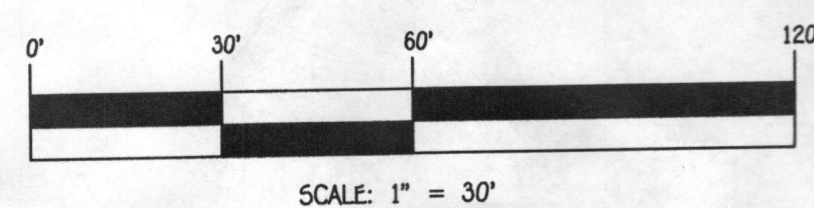
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PLAN VIEW
SCALE: 1" = 30'



SCALE: 1" = 30'

OWNER/DEVELOPER
MALINA RENFRO LOMBARDO
13765 FREDERICK ROAD
WEST FRIENDSHIP, MARYLAND 21794
301-954-9792

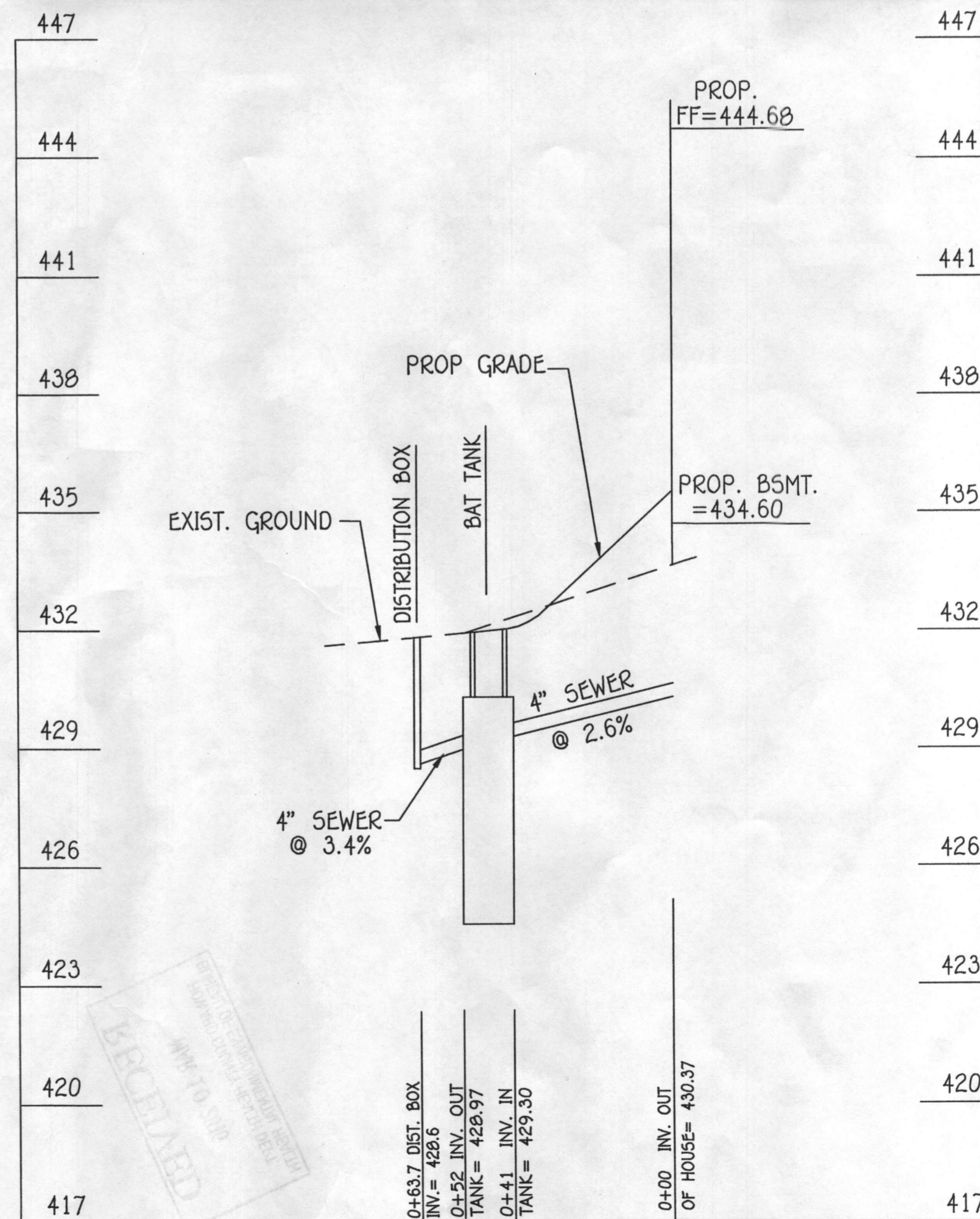
NOTE: BOLLARDS OR LARGE ROCKS MUST BE PROVIDED FOR PROTECTION OF ALTERNATIVE WELL SITE IF THIS WELL IS EVER INSTALLED.

SEWAGE DISPOSAL SYSTEM DATA (PERMIT FOR 5 BEDROOMS)

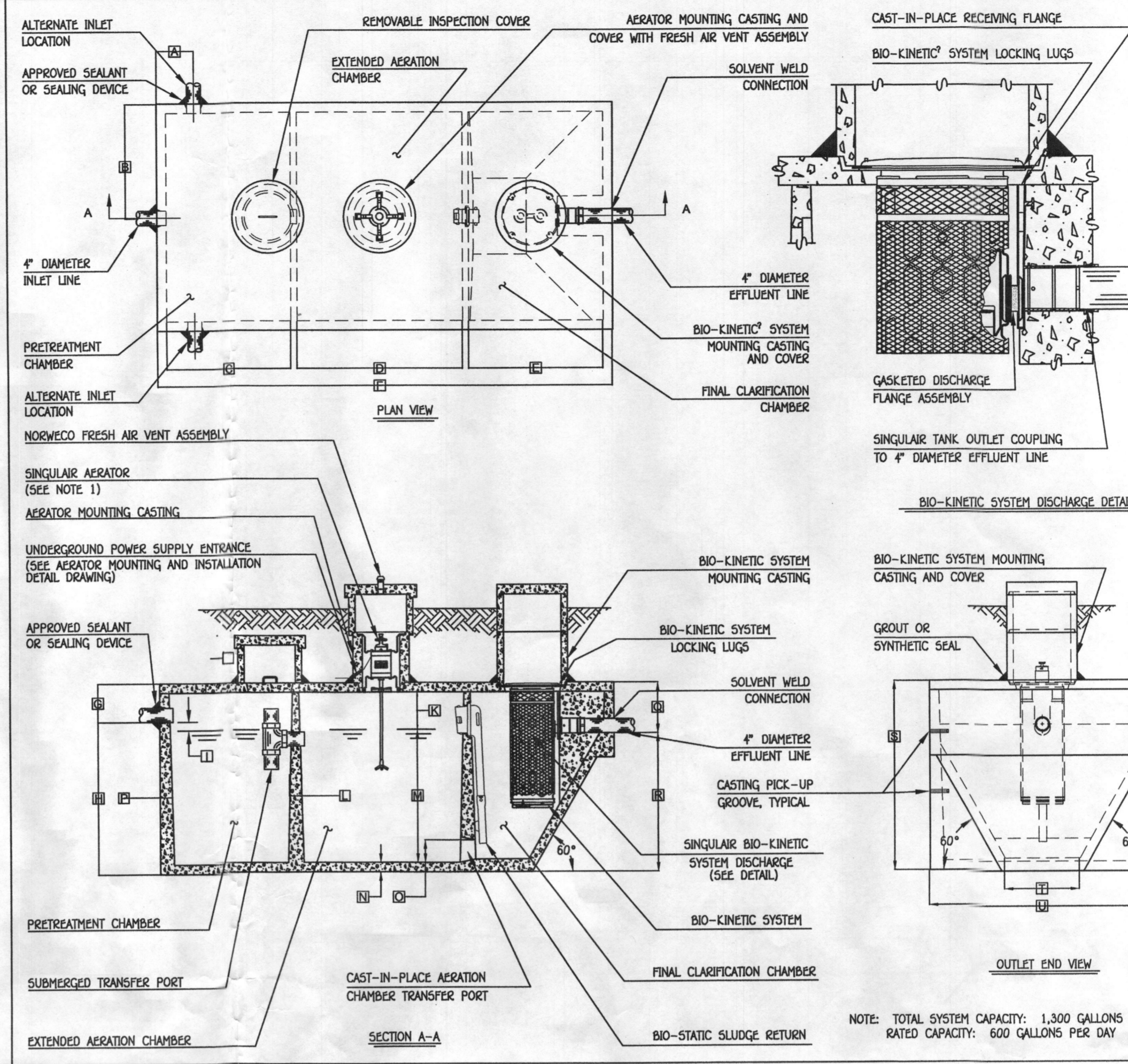
- PROP. INVERT AT FOUNDATION WALL: 430.30
1. NORWECO TITLP-500 GPD (MAX. NO. BDRMS.=6)
EX. GRADE OVER TANK: 432.1
PROP. GRADE OVER TANK: 432.0
INVERT IN: 429.30
INVERT OUT: 428.97
TOP OF TANK ELEV.: 430.30
2. DISTRIBUTION BOX:
EX. GRADE: 432.4
PROP. GRADE: 432.4
INVERT IN: 428.6
3. TRENCH DESIGN (INITIAL SYSTEM):
(5 BDRM X 150 GPD/BDRM= 750 GPD)
750 / 0.8 APP. RATE = 937.5 SF
USE 3' WIDE TRENCH AND 10' MIN. SPACING BETWEEN TRENCH EDGES.
937.5 SF / 3' WIDTH = 312.5 L.F. X 0.5 = 156.3 L.F. MIN. TRENCH
USE 2- 78.5' LONG TRENCHES = 157 L.F.
4. TRENCH DESIGN (1ST REPLACEMENT SYSTEM):
(5 BDRM X 150 GPD/BDRM= 750 GPD)
750 / 0.8 APP. RATE = 937.5 SF
USE 3' WIDE TRENCH AND 10' MIN. SPACING BETWEEN TRENCH EDGES.
937.5 SF / 3' WIDTH = 312.5 L.F. X 0.5 = 156.3 L.F. MIN. TRENCH
USE 2- 78.5' LONG TRENCHES = 157 L.F.

TRENCH DATA:

- TRENCH 1:
EX. GROUND ABOVE = 432.4
INV. IN = 428.4
BOTTOM TRENCH = 424.4
- TRENCH 2:
EX. GROUND ABOVE = 431.8
INV. IN = 427.8
BOTTOM TRENCH = 423.8



SEPTIC SYSTEM PROFILE
SCALE: HORIZ. 1" = 30'
VERT. 1" = 3'



BAT SYSTEM DETAIL
NOT TO SCALE

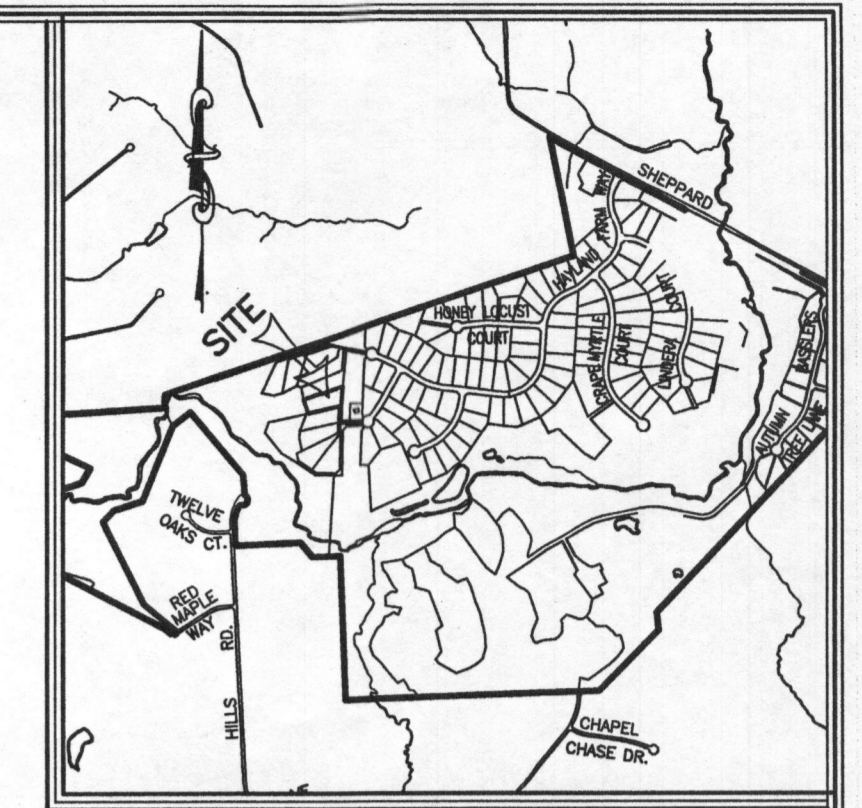
GENERAL NOTES:

- SINGULAR AERATOR, AS TESTED AND ACCEPTED BY NSF, OPERATING 60 MINUTES ON / 60 MINUTES OFF.
- FALL THROUGH SINGULAR PLANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS TWELVE INCHES BELOW TANK TOP.
- ON DEEPER INSTALLATIONS, PRECAST RISERS MUST BE USED TO EXTEND AERATOR MOUNTING CASTING AND BIO-KINETIC SYSTEM MOUNTING CASTING TO GRADE.
- TANK REINFORCED PER ACI STD. 318-05.
- REMOVABLE COVERS ON RISERS WEIGH IN EXCESS OF SEVENTY-FIVE POUNDS EACH TO PREVENT UNAUTHORIZED ACCESS.
- CONTACT THE LOCAL LICENSED SINGULAR DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

CRITICAL DIMENSIONS	
A 1'-0"	S 0'-3"
B 3'-0"	P 0'-6"
C 3'-4"	P 0'-3"
D 4'-6"	R 1'-4"
E 3'-7"	R 3'-8"
F 12'-2"	S 5'-0"
G 1'-0"	T 2'-0"
H 4'-0"	U 6'-0"
I 0'-3"	V 0'-3"
J 0'-3"	W 0'-3"
K 1'-0"	X 0'-0"
L 0'-2"	Y 0'-0"
M 3'-6"	Z 0'-0"

U.S. AND FOREIGN PATENTS PENDING
© MMVI

norweco 3-29-07 B
LOW-PROFILE SINGULAR BIO-KINETIC WASTEWATER TREATMENT SYSTEM MODEL TITLP-500 GPD
10-16-08
NTS
PC-S-7091



VICINITY MAP
SCALE: 1" = 2000'

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 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 MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY.
- THE HEALTH DEPARTMENT REQUIRES DOCUMENTATION FOR THE START-UP OF THE INSTALLATION.
- SURFACE RUNOFF SHALL BE DIRECTED AROUND THE BAT TANK.
- SEWAGE FLOWS TO THE TANK BY GRAVITY AND WATER EXITING THE TANK TO THE SEPTIC AREA WILL FLOW BY GRAVITY.
- IF THERE IS EXCESSIVE RESISTANCE TO THE AERATOR MOTOR, AN ALARM WILL BE VISIBLE AND AUDIBLE. SEE MANUFACTURER SPECS FOR ADDITIONAL INFORMATION.
- THE EXISTING WELL, TAG NO. HO-95-2599, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

WELL CERTIFICATION:

THE EXISTING WELL, TAG NO. HO-95-2599, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 22748, EXPIRATION DATE: 2/22/17.

Aldo M. Vitucci 3/15/16 DATE
ALDO M. VITUCCI



Approved Septic System Plan
Howard County Health Department
[Signature] 3/15/16 Date

BAT INSTALLATION SITE PLAN
WALNUT CREEK
LOT 82
12237 HAYLAND FARM WAY
PHASE THREE

ZONED: RC-DEO AND RC-DEO
TAX MAP NO.: 28 GRID NO.: 17 & 18 PARCEL NO.: 49
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS NOTED DATE: MARCH 1, 2016
SHEET 1 OF 1