

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: 6/27/14 **ONSITE SEWAGE DISPOSAL SYSTEM** P 554528
 INSTALLATION APPROVAL DATE: 1/12/15 (KRW) **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 14881 Meriwether Drive
 SUBDIVISION: Meriwether Farm LOT: 20 TAX ID: _____
 CONTRACTOR: Fogle's Septic Clean Inc. EMAIL: kurt@foglesinc.com
 CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670
 PROPERTY OWNER: Toll MD VIII LP EMAIL: _____
 OWNER ADDRESS: 7164 Columbia Gateway Drive, Columbia, MD 21046 PHONE: _____

BAT UNIT MODEL: Ecopod E75 series BAT UNIT SIZE: 600 GPD
 PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____
 NUMBER OF BEDROOMS: _____ HOUSE SQ. FT. _____ APPLICATION RATE: _____
 DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

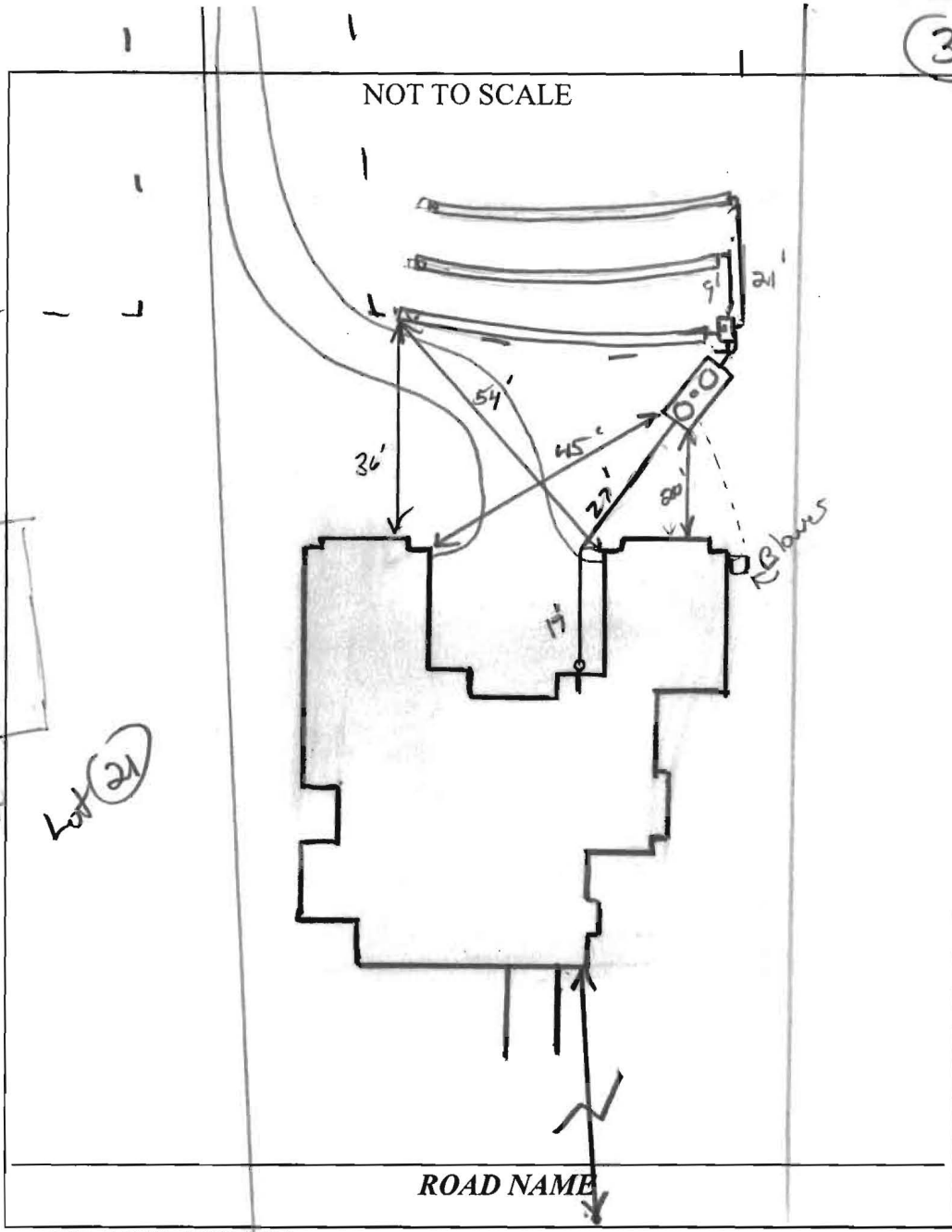
TRENCHES:	LINEAR FEET REQUIRED: <u>See Bat Plan 150'</u>	INLET DEPTH: <u>See Bat Plan 3'</u>
	TRENCH WIDTH: <u>See Bat Plan 2'</u>	MAXIMUM BOTTOM DEPTH: <u>See Bat Plan 7'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>See Bat Plan</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>See Bat Plan</u>
LOCATION:	PER APPROVED 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>3-7</u> Set distribution box per plan. <u>3x50'</u> Install trenches per plan.	

ISSUED BY: Jeff Williams ISSUE DATE: _____ EXPIRATION DATE: _____

- 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.

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	7'
NUMBER OF TRENCHES		3
TOTAL LENGTH		150'
ABSORPTION AREA		300' sq ft
DISTRIBUTION BOX LEVEL		level
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	E75 GAL
SEAM LOC	Top
TANK LID DEPTH	3.5'
BAFFLES	Yes
BAFFLE FILTER	-
MANHOLE LOC	Front/Rear
6" PORT LOC	center
WATERTIGHT TEST	
SLOTTED	Yes
DATE ON LID	6-8-14
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:

7/10/14 Turn tank from BAT site plan to manage ground fill. Use 3' riser on inlet end of tank and a 2' riser on outlet. Set Dbox @ top left corner, just inside SRA. Run 3x 50' trenches across top part of slope easement on center as shot in field. BAT unit must be E75 series for 5 bedroom per builder. (KW)

INSTALLATION:

7/11/14 Site installed. BAT unit set. Asked contractor what model tank was set. No indication tank. Verified on receipt and phone call from Tank Manufacturer. OK to cover. No trenches started. (KW)
 7/14/14 Trenches complete. Dbox leveled. OK to cover. Need BAT start up from manufacturer. (KW)

MEMBER N. C. B. V. A.

MEMBER P. C. B. V. A.



Burial Vaults - Septic Tanks

925 WAKEFIELD VALLEY ROAD
NEW WINDSOR, MD 21776

PHONE:
410-848-0393
FAX:
410-848-3551

Five Year Initial Service Policy On Site Wastewater Treatment System

Brand Name: <u>Elopod</u>	Model Number: <u>Elopod 60</u>
Purchase Date: <u>1/8/15</u>	Serial Number: <u>E-60N-02150CA</u>

INITIAL POLICY:

A five (5) year service policy shall be furnished to the user by the Installer.

This policy is included in the original purchase price and shall provide the following:

1. An inspection/service call every six months which includes inspections, adjustment and servicing of the mechanical and electrical component parts as necessary to ensure proper function for the first year. And once a year there after..
2. An effluent quality inspection every six months consisting of a visual check for color, turbidity, scum overflow, and an examination for odors for the first year. And then once a year there after.
3. A sample shall be pulled from the aeration tank once a year as described in the "Solids Removal" Section to determine if there is an excess of solids in the treatment plant. If the test results determine if there is an excess of solids in the treatment plant. If the rest results determine a need for solids removal, the user will bear the cost and responsibility for doing so.
4. If any improper operation is observed which cannot be corrected at that time, the user shall be notified immediately in writing of the conditions and the estimated date of correction.

Violations of Warranty including shutting off the electric current to the system for more than 24 hours, disconnecting the alarm system restricting ventilation to the aerator, overloading the system above its rated capacity, or introducing excessive amounts of harmful matter into the system, or any other form of unusual abuse.

**THIS POLICY DOES NOT INCLUDE PUMPING
SLUDGE FROM UNIT IF NECESSARY**

PERMITTING AUTHORITY:

Howard County

SYSTEM OWNER:

INSTALLATION LOCATION:

14881 Meriwether Way
Glencoln, MD 21737

DISTRIBUTOR:

Babylon Vault Co
925 Wakefield Valley Rd
New Windsor MD 21776

INSTALLER:

Foale's Septic
558 O'Brecht Road
Sykesville, MD 21784

SERVICE COMPANY:

Babylon Vault Co
Service Operators License Number: Steven Kony G.M.

I agree to abide by the service policy as stated above: _____

e3 Environmental LLC

302-725-0788 www.e3onsite.com

ECOPOD-N Completion Statement

Installation Information

Owners Name		# of Bedrooms / GPD	600
Street	14881 Meriwether Way	Repair	<input type="checkbox"/>
City	Glennah	New Construction	<input checked="" type="checkbox"/>
State	Maryland		
Zip	21737		

Installation Company

Company	Fogles Septic	Installed Date	10/16/14
Certified Installer	Gary Poole	Startup Date	11/8/15
Street	558 D'Brecht Rd.		1
City	Sikesville		
State	MD		
Zip	21784		

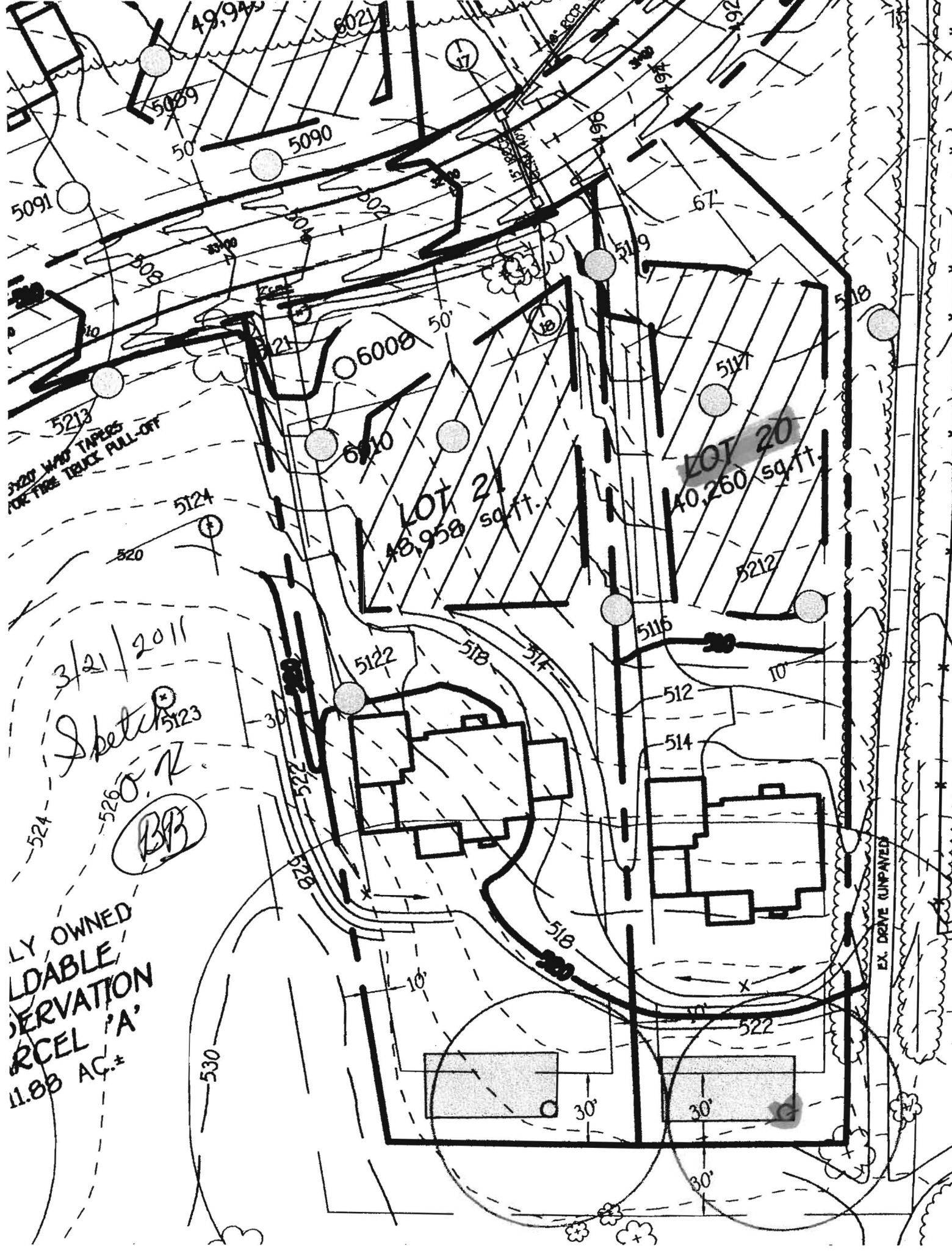
ECOPOD-N

Model #	Serial #
E50 <input type="checkbox"/>	
E60 <input checked="" type="checkbox"/>	E-60N-02150CA
E75 <input type="checkbox"/>	
E100 <input type="checkbox"/>	
E150 <input type="checkbox"/>	

Blower Voltage	Good
Blower Running Amps	Good
Inches of water over media with blower turned off	2 inches
Vent Installed	yes
Tanks and Risers Water tight	yes
Alarm Functional	yes

I hereby certify that the ECOPOD-N wastewater treatment system has been installed and started up in accordance with the construction permit and is in compliance with the manufacturers recommendations

Company Babylon Vault Co. Date 1/9/15
 Signature Steven R Koontz
 Printed Name Steven R Koontz



PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/15.

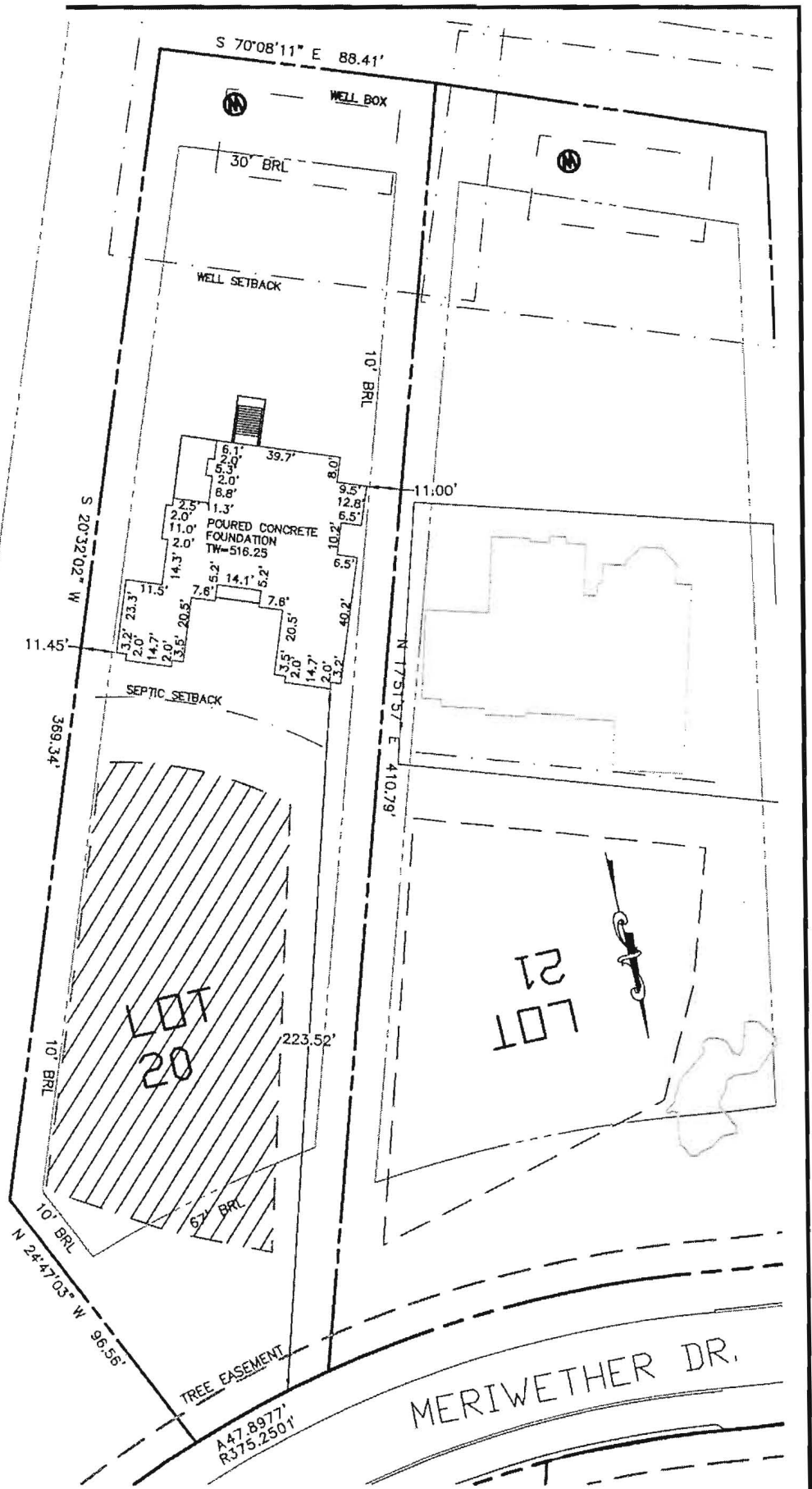
PRIVATELY OWNED
EASEMENT HOLDERS: H.O.A. & HO. CO., MD.
BUILDABLE
PRESERVATION
PARCEL 'j'

ADDRESS: 14881 MERIWETHER DRIVE
GLENELG, MD 21737
WELL #: HO-95-2071



= SEPTIC AREA

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.



SURVEYOR'S CERTIFICATE

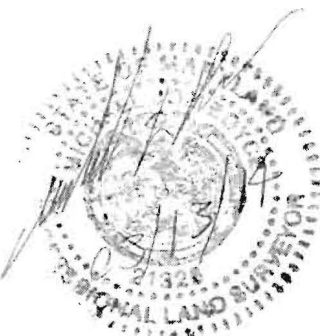
THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.
THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

[Signature]
SIGNATURE: MICHAEL JOE BOYCE

21328 03/13/14
MD. LIC NO. DATE

WALL CHECK
LOT #20
MERIWETHER FARMS

LIBER 13779, FOLIO 490
PLAT No. 21769, ET SEQ
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



ESE Land Planning
Engineering
Land Surveying

ESE Consultants Inc.
7164 Columbia Gateway Dr.
Suite 203
Columbia, MD 21046
TEL: 410-872-9105
FAX: 410-872-4870

DATE: 3/12/14 SCALE: 1"=50' FILE: WC-20
CHK'D: M.J.B. JOB#: 3184 DRAWN: RWA

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/15.

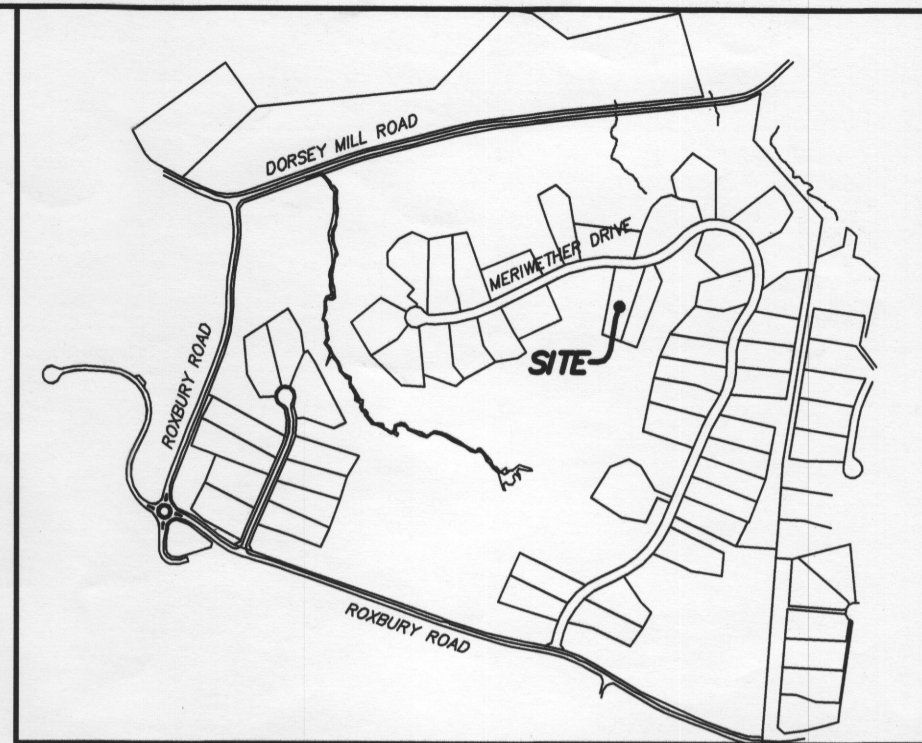
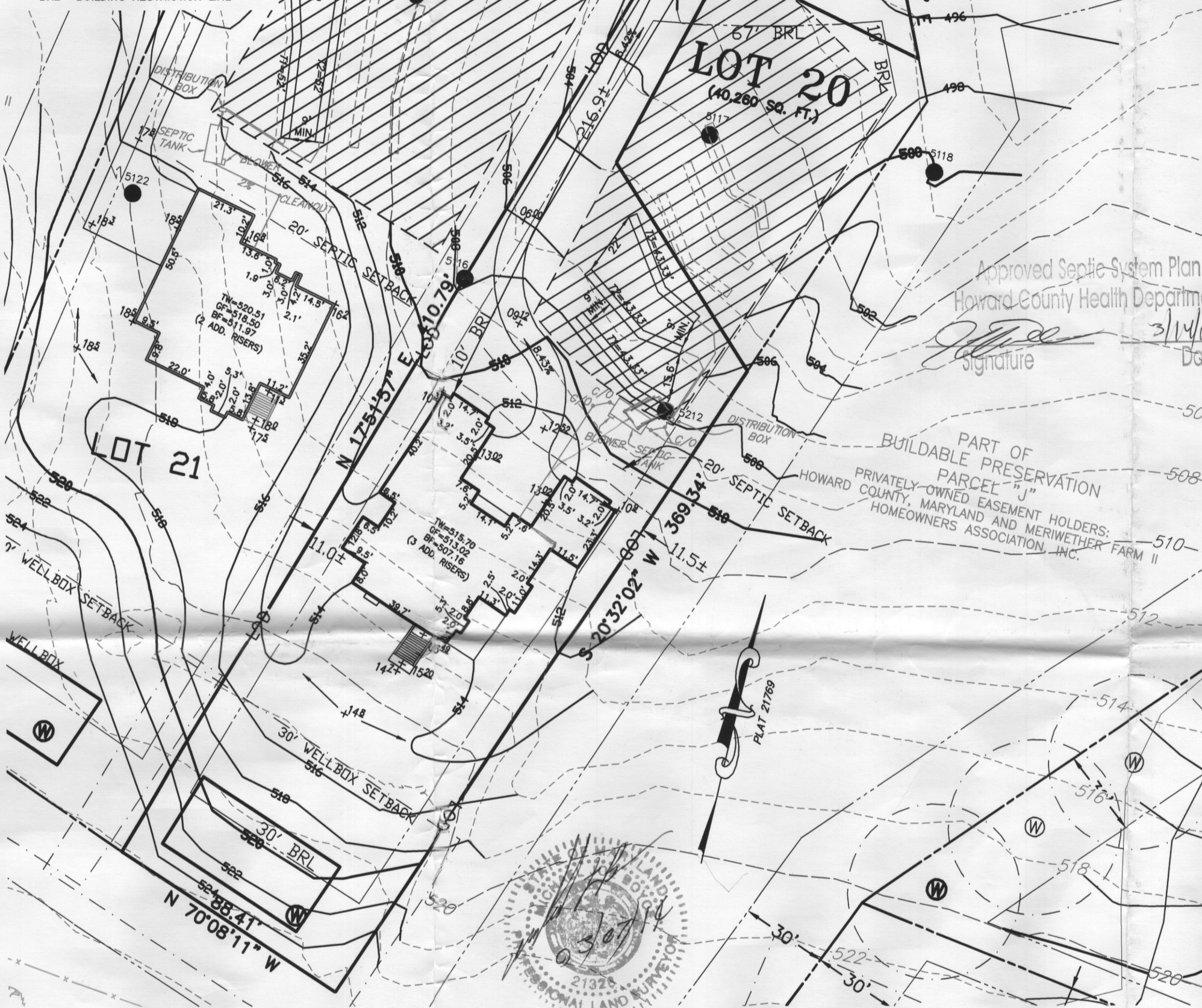
HOUSE OPTIONS:

TYPE: McALLAN (CAROLINA)
 DAYLIGHT BASEMENT
 BAY WINDOWS
 ADD'L 1' TO HEIGHT OF BASEMENT FOUNDATION
 7 3/4" MAX. RISE STAIRS ILO STANDARD
 ADDITIONAL DESIGNER FIREPLACE - FIRST FLOOR

OPTION No. 018
 OPTION No. 156
 OPTION No. 90020070
 OPTION No. 90020193
 OPTION No. 90020630

LEGEND:

- PERC TEST LOCATION
- WELL LOCATION
- LO- LIMITS OF DISTURBANCE
- TW TOP OF WALL
- GF GROUND FLOOR/FIRST FLOOR
- BF BASEMENT FLOOR
- BRL BUILDING RESTRICTION LINE



VICINITY MAP
 1" = 1000'

GENERAL NOTES:

1. 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.
2. PLAT REFERENCE: PLAT No. 21769.
3. THE EXISTING TOPOGRAPHY WITHIN THE AREA OF PROPOSED WORK IS TAKEN FROM FIELD RUN SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY ESE. DATED 4/20/11.
4. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DESIGN DETAILS. PRIOR TO STAKEOUT FOR CONSTRUCTION, IT SHALL BE THE OWNER/BUILDERS RESPONSIBILITY TO PROVIDE ESE CONSULTANTS INC. WITH THE MOST RECENT SET OF HOUSE PLANS.
5. 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.
6. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
7. TOTAL LIMIT OF DISTURBANCE: 32,094 SQ. FT. / 0.74 AC.±
8. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY PREVIOUSLY APPROVED PLAN F-09-044
9. 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.
10. DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE CIVIL ENGINEER (ESE) MAY CAUSE THE WORK TO BE UNACCEPTABLE.
11. THE DIMENSIONED DISTANCES SHALL GOVERN IF SCALED AND DIMENSIONED DISTANCES ON THIS PLAN ARE FOUND TO BE IN DISAGREEMENT.
12. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM LOT AREA AND OWNERSHIP WIDTH AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
13. THESE AREAS DESIGNATE A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS UNTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
14. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
15. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
16. UPON BUILDING PERMIT REVIEW THE SEPTIC SYSTEMS FOR ALL PROPOSED STRUCTURES AND/OR EXISTING STRUCTURE EXPANSIONS SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY.
17. THE DEVELOPMENT OF THIS LOT DOES NOT REQUIRE AN ENVIRONMENTAL CONCEPT PLAN SINCE STORMWATER MANAGEMENT WAS PREVIOUSLY APPROVED UNDER F-09-044.
18. A STANDARD SEDIMENT CONTROL PLAN MAY BE USED FOR DEVELOPMENT OF THIS LOT. REFERENCE GRADING PLAN DATED 12/18/13.
19. THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-2079 HAS BEEN FIELD LOCATED BY ESE CONSULTANTS - PROFESSIONAL LAND SURVEYOR(S), AND IS ACCURATELY SHOWN.
20. BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.
21. CULVERT FOR DRIVEWAY PER F-09-044.

NOTES:

1. Blower piping to ECOPOD not to exceed 100 FT total length in the piping system. For distances greater than 100 FT, consult factory. Blower must be located above flood levels on a solid base.
2. Vent to be located above finish grade or higher to avoid infiltration. Cap on vent must be secured with a stainless steel screw.
3. All other tanks to/from ECOPOD must conform to applicable country, state, province, and local plumbing and electrical codes.
4. The primary tank/ compartment volume must be 1 to 2 times the rated ECOPOD GPD. Primary and Reactor tank volumes are listed in the ECOPOD Design Manual. The primary tank may be integrated with the reactor tank or stand alone in a separate tank.
5. All manways, pump out ports, and vents must be secured to prevent accidental or unauthorized access.
6. ECOPOD media is recommended to be at least 19" from bottom of tank. Distances not 19" need factory approval.
7. ECOPOD media EV19PVC224
8. Tanks with higher inlets, install SCH 40 PVC pipe over legs to elevate reactor to correct height.
9. Air supply line should be secured with non-corrosive clamps where required to prevent vibration damage.
10. Effluent discharge level must be at a height no more, or no less than 2" above vertical tube PVC media.
11. Use epoxy, or use another approved method or substance, to create strong connection to country, state, province, and local acceptable codes. Fiberglass riser shown.
12. Risers must conform to country, state, province, and local acceptable codes. Fiberglass riser shown.

600 GPD TREATMENT UNIT	
Discharge From Tank	4'-0"
Reactor Volume	840 Gallons
Recommended Distance Under Reactor Box	19"

E60NCA REACTOR IN CONCRETE TANK

Delta Environmental
 Pentair Water

NOT TO SCALE

NOTES:

1. Blower Model Delta 06
2. Setting High Level Pressure Switch Bring plant to operating water level with compressor turned on. Using properly sized screw driver, turn high level alarm adjustment screw clockwise until alarm occurs. Once alarm occurs, turn the screw counter-clockwise until alarm stops. Setting Low Level Pressure Switch Factory set
3. All of Delta's control panels are manufactured to UL508A requirements. All enclosures are NEMA rated.
4. Pressure switch tubing is used for high and low level pressure detection.
5. All piping from the blower to the ECOPOD to be 2" sch 40 PVC pipe.
6. All blowers are housed in a polyethylene enclosure supplied with necessary piping for installation.
7. Inlet Filters must be mounted on outside of enclosure. Filters not mounted on outside could contribute to blower malfunction and void manufacturer's warranty.
8. Filter elements must be non-paper type.

E60NCA BLOWER/CP DETAIL

Delta Environmental
 Pentair Water

NOT TO SCALE

SEPTIC SYSTEM/BEST AVAILABLE TECHNOLOGY (BAT) 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 MANUFACTURER'S SPECIFICATION IS 3 FEET COVER.
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 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 THE 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.

APPROVED: FOR HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

DIRECTOR _____ DATE _____

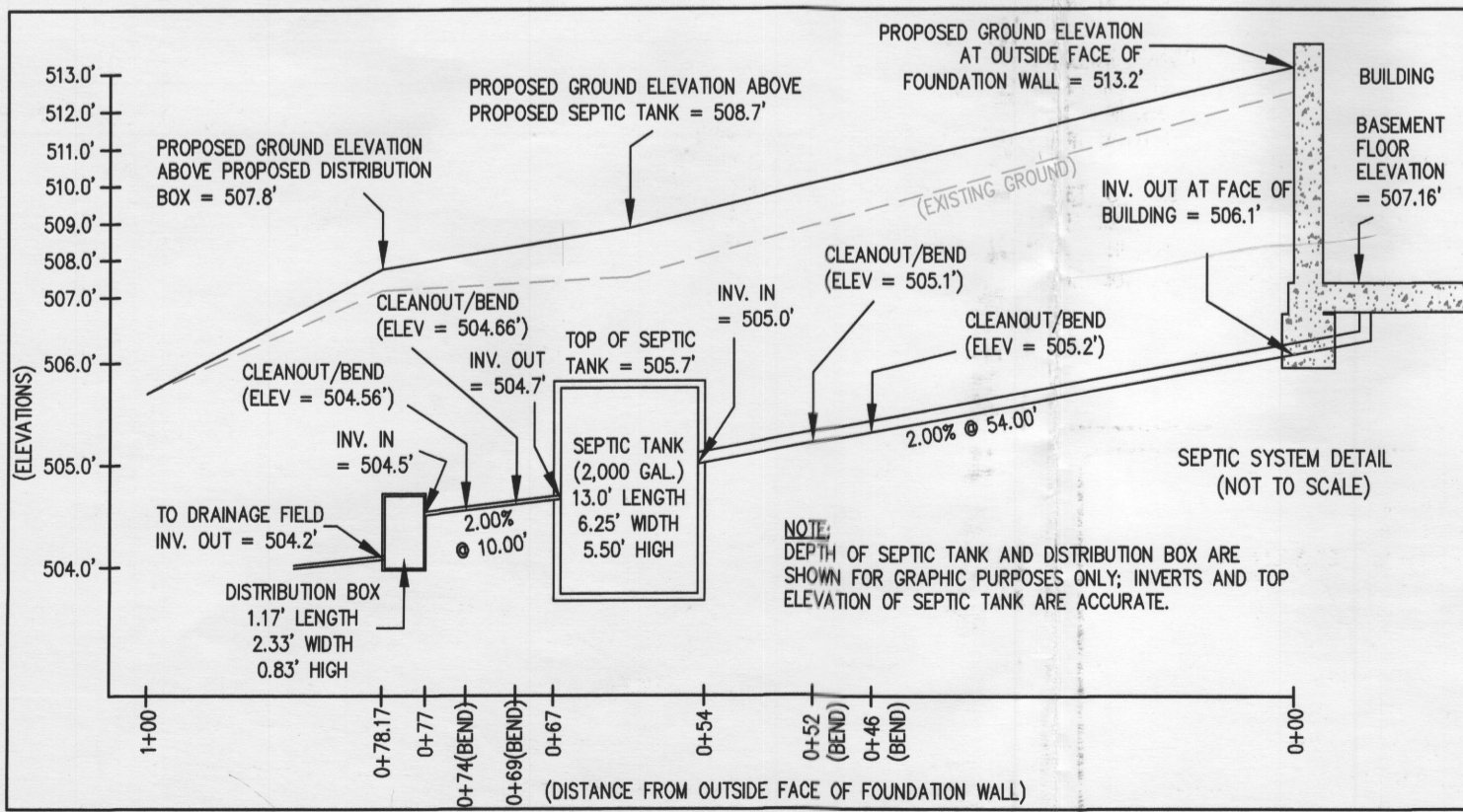
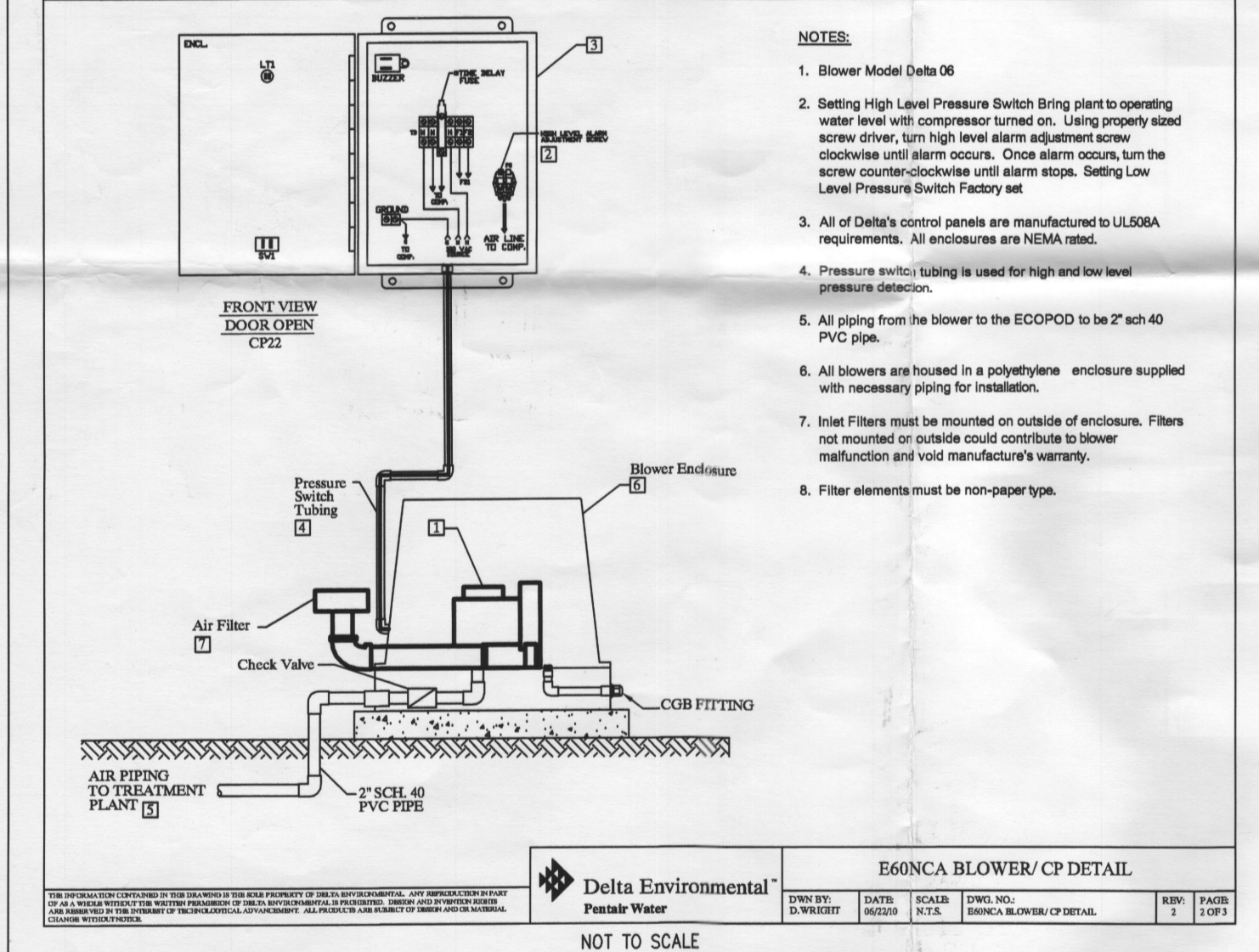
PROFESSIONAL ENGINEER _____ DATE _____

SEWAGE DISPOSAL SYSTEM DATA (4 BDRM):

- PROPOSED INVERT AT FOUNDATION WALL: 506.1'
1. E60 ECOPOD SYSTEM
 EX. GRADE OVER TANK: 507.5'
 PROPOSED GRADE OVER TANK: 508.7'
 INVERT IN: 505.0' INVERT OUT: 504.7'
 2. DISTRIBUTION BOX
 EXISTING GRADE OVER TANK: 507.1'
 PROPOSED GRADE OVER TANK: 507.8'
 INVERT IN: 504.5' INVERT OUT: 504.2'
 3. TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
 750 GPD ÷ 1.2 APP. RATE = 625 SF
USE 3' WIDE TRENCH WITH 36" GRAVEL BELOW PIPE
 9' MIN. SPACING BETWEEN TRENCH EDGES
 625 SF ÷ 3' WIDTH = 209 LF x 0.62 = 130 LF MIN. TRENCH
 USE 3 43.33' LONG TRENCHES = 130 LF

TRENCH DATA:

- BOTTOM MAX. DEPTH (6.5')
- TRENCH 1 (T1):**
 GROUND ABOVE = 507.5'
 INV. IN = 504.0'
 BOTTOM TRENCH = 501.0'
- TRENCH 2 (T2):**
 GROUND ABOVE = 505.9'
 INV. IN = 502.4'
 BOTTOM TRENCH = 499.4'
- TRENCH 3 (T3):**
 GROUND ABOVE = 504.9'
 INV. IN = 501.4'
 BOTTOM TRENCH = 498.4'



SITE PLAN FOR BAT INSTALLATION
 LOT 20
MERIWETHER FARMS
 LIBER 13779, FOLIO 490
 PLAT No. 21769
 TAX No. 04-593661
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 ADDRESS: 14881 MERIWETHER DRIVE
 GLENELG, MARYLAND

ESE Land Planning
 Engineering
 Land Surveying

ESE Consultants Inc.
 7164 Columbia Gateway Dr.
 Suite 203
 Columbia, MD 21046
 TEL: 410-872-9105
 FAX: 410-872-4870

DATE: 03/07/14 SCALE: 1"=40' FILE: PP LOT 20
 CHK'D: MJB JOB NO: 3184 DRAWN: R.C.K