

Bureau of Environmental Health
 7178 Columbia Gateway Drive, Columbia, MD 21046-2147
 Main: 410-313-6300 | Fax: 410-313-6303
 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

TEMPORARY INTERIM CERTIFICATE OF POTABILITY
TEMPORARY DEVIATION FOR BACTERIA

Expiration Date – May 30, 2014

May 15, 2014

Homeowner
 14529 Edgewoods Way
 Glenelg, MD 21737

RE: Edgewood Farm, Lot 21
14529 Edgewoods Way
Building Permit: B13002525
Well Permit: HO-95-0778

** Standard COP
 Not issued. Bacteria sample
 rec'd on 5/14/14 etc.*

Dear Homeowner:

This is to advise you that the septic system installation for the above referenced property has been inspected and approved. Final approval of the septic system was granted on **5/15/2014**. Final approval of the well line connection to the dwelling was granted on **2/28/2014**. The well construction was completed on **4/3/2007**. Water samples were collected on **5/5/2014** and **5/8/2014**.

The water sample results indicate that the water samples submitted for testing contained elevated levels of coliform bacteria at the time of sampling and are **NOT** bacteriologically safe for drinking.

This is a **temporary deviation** to allow for additional disinfection procedures as described in COMAR 26.04.04.07N. **It is recommended that bottled water be used for drinking and cooking during this time period.**

This Department will grant a **temporary deviation** to the Interim Certificate of Potability on condition that further disinfection of the well is conducted and a water test result from a state certified lab indicating that the water is **free from coliform bacteria** is submitted to this Department **within 15 days**.

By the end of the interim period, a determination shall be made by the Health Department whether to:

- a) Accept the well as being in compliance with the bacteriological standard of Regulation 26.04.04.09B and issue a standard Interim Certificate of Potability **or**

b) Grant approval to install an ultraviolet light or other suitable disinfection system and issue a Permanent Deviation to the Interim Certificate of Potability or

c) Issue an order that the well is abandoned and sealed

This Temporary Interim Certificate of Potability will expire **15 days** from the date of issuance. **Failure to submit the required water test results and obtain an Interim Certificate of Potability before the expiration date will result in a Notice of Violation and is punishable as a misdemeanor under the *Annotated Code of Maryland, Environment Article, 9-1311*, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a water sample appointment or contact a Maryland certified water quality laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:

<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

Approving Authority,



Jeff Williams
Program Manager
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 94242 Account #: 1930
Reference: Toll Brothers Lot 21 Company: Fogle's Well Drilling
Location: 14529 Edgewoods Way Requested By: Dave Fogle
Glenelg, MD 21737 Source: Well Water
Date/ Time Collected: 5/15/2014 1710 Site: Laundry Tub/Sink
Date/Time Rec'd: 5/16/2014 1300 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 6.1
Collected By: J. Fogle 1974JF Well #: HO-95-0778

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	5/17/2014 / 1000 / LLO
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	5/17/2014 / 1000 / LLO

reb
'OK' 8/14/14

NOTES

- 1 Revised report: Reason for test changed to Use & Occupancy at request of client 5/20/14 CCH
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND:None Detected
- 5 Sample collected by client, analyzed as received
- 6 pH tested in lab, chlorine level tested on site

Reason for Test : Use & Occupancy
Building Permit # : B13002525

Date Reported: 5/20/2014

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 94068 Account #: 1930
Reference: Toll Brothers Lot 21 Company: Fogle's Well Drilling
Location: 14529 Edgewoods Way Requested By: Dave Fogle
Glenelg, MD 21737 Source: Well Water
Date/ Time Collected: 5/5/2014 1400 Site: Pressure Tank
Date/Time Rec'd: 5/5/2014 1520 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.5
Collected By: J. Fogle 1974JF Well #: HO-95-0778

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	>200.5	MPN/ 100 ml	<1.0	SM18 9223	5/6/2014 / 0945 / LLO
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	5/6/2014 / 0945 / LLO
Nitrate	9.27	mg/L	10	601	5/6/2014 / 1200 / BCD
Turbidity	7.49	NTU	<10	SM18 2130B	5/6/2014 / 0855 / JKW
Sand	NS	mg/L	5	Visual/Gravimetric	5/6/2014 / 0850 / JKW

NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Sample collected by client, analyzed as received
- 8 pH and Chlorine level tested in lab

Reason for Test : Use & Occupancy**Building Permit # :** B13002525Date Reported: 5/6/2014

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 94125 Account #: 1930
Reference: Toll Brothers Lot 21 Company: Fogle's Well Drilling
Location: 14529 Edgewoods Way Requested By: Dave Fogle
Glenelg, MD 21737 Source: Well Water
Date/ Time Collected: 5/8/2014 1411 Site: Pressure Tank
Date/Time Rec'd: 5/8/2014 1535 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 7.4
Collected By: J. Fogle 1974JF Well #: HO-95-0778

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	2.0	MPN/ 100 ml	<1.0	SM18 9223	5/9/2014 / 0845 / LLO
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	5/9/2014 / 0845 / LLO

NOTES

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 ND:None Detected
- 4 Sample collected by client, analyzed as received
- 5 pH and Chlorine level tested in lab

Reason for Test : Use & Occupancy

Building Permit # : B13002525

Date Reported: 5/9/2014

SEPTIC SPECIFICATIONS WORKSHEET

Subdivision Edgewood Farm A _____
Street Name 14529 Edgewood Way Lot Number 21
Average Percolation Rate (min./in.) 11 min./inch Application Rate (GPD/sq. ft.) 0.8
75, 76, 77
Number of Bedrooms 5 Design Flow (#BRx150) = 750
Square Footage (of House) 9520 Septic Tank Capacity (gal.) 2000
Sidewall Credit / % Reduction 3.5 feet / 40% Total Length of Trench (ft.) 188

*All Septic/Pump tanks must be top seamed unless otherwise approved by this agency. (1875)

*All Septic tanks must be compartmented unless otherwise approved by this agency.

Baffle Filter Required? Yes No

TRENCH DIMENSIONS: Trench to 2 feet wide. Inlet is at 3.5 feet below original grade with 3.5 feet of stone below the distribution pipe. Bottom maximum depth is 7 feet below original grade. Effective sidewall begins at 3.5 feet below original grade. Maintain at least 9 feet spacing between trenches.

PUMP SYSTEM PROPOSED? YES NO

Pump system details: _____ gallon pump chamber

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test required prior to Health Department approval of pumped septic system.

LOCATION:

- 1. Set septic tank per plan
- 2. Set distribution box per plan
- 3. Install 2x94' trenches on contour in upper SDA.

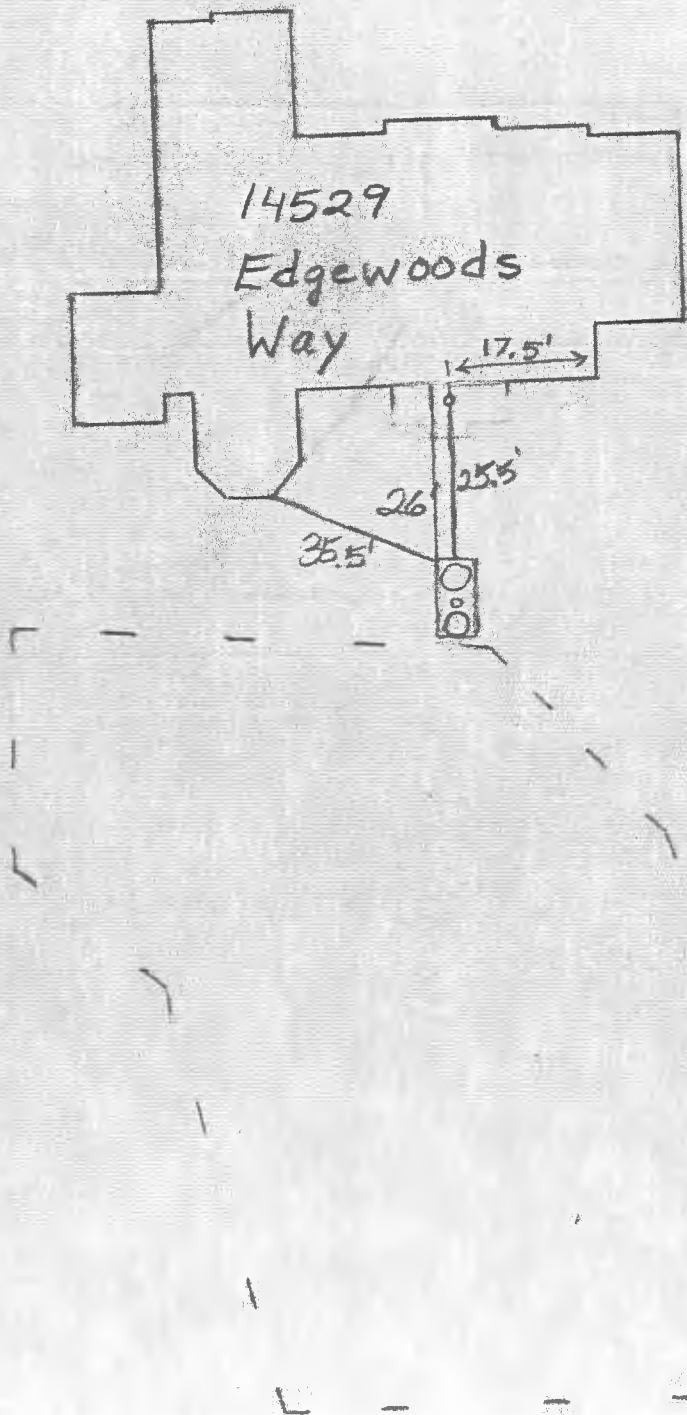
ADDITIONAL NOTES Do not order the septic tank until after layout inspection and Sanitarian approval. Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

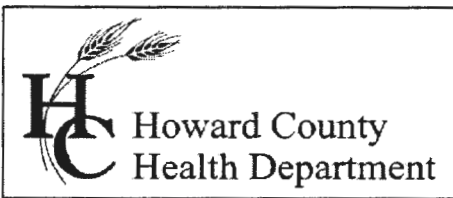
Reviewed by: RB

Date: 8/14/13

HO-95-0778

30





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 (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: 1/29/14 **ONSITE SEWAGE DISPOSAL SYSTEM** P 546241

INSTALLATION APPROVAL DATE: 5/7/2014 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 14529 Edgewoods Way

SUBDIVISION: Edgewood Farm LOT: 21 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 V LP EMAIL: _____

OWNER ADDRESS: 7164 Columbia Gateway Drive, MD 21045 PHONE: 410-872-9105

BAT UNIT MODEL: ECOPOD E609CA BAT UNIT SIZE: 600GPD

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

NUMBER OF BEDROOMS: 5 HOUSE SQ. FT. 9520 APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>188 194'</u>	INLET DEPTH: <u>35 5'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>7</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</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 Set distribution box per BAT plan Install 2 x 94' trenches on contour. <u>2x97'</u>	

ISSUED BY: Jeff Williams ISSUE DATE: 4/15/14 EXPIRATION DATE: 4/15/15

- 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.**

NOT TO SCALE

See As-Built Drawing
On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 5' BOTTOM 7'

NUMBER OF TRENCHES 2
TOTAL LENGTH 188'
ABSORPTION AREA 564
DISTRIBUTION BOX LEVEL Levelers
DISTRIBUTION BOX BAFFLE Yes
DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes
MANUFACTURER Babylon-Ecapod
CAPACITY 2000 GAL
SEAM LOC Top
TANK LID DEPTH 15'-2'
BAFFLES Front
BAFFLE FILTER No
MANHOLE LOC Front+Rear
6" PORT LOC Middle
WATERTIGHT TEST No
SLOTTED No
DATE ON LID 3/24/2014

~~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:

4/29/2014 Raining and muddy on site. O.K. to set tank near where shown on B.P. plan but 5' farther from house. Will do trench layout when not raining. Too muddy to work on septic anyway. BB 5/2/2014 Trenches laid out. Install two 97' trenches. Top trench started 5'-10' downhill to assure fall. BB

INSTALLATION: 5/2/2014 Tank set and house connection made. BB

5/5/2014 Dist. box set. Trenches almost done.

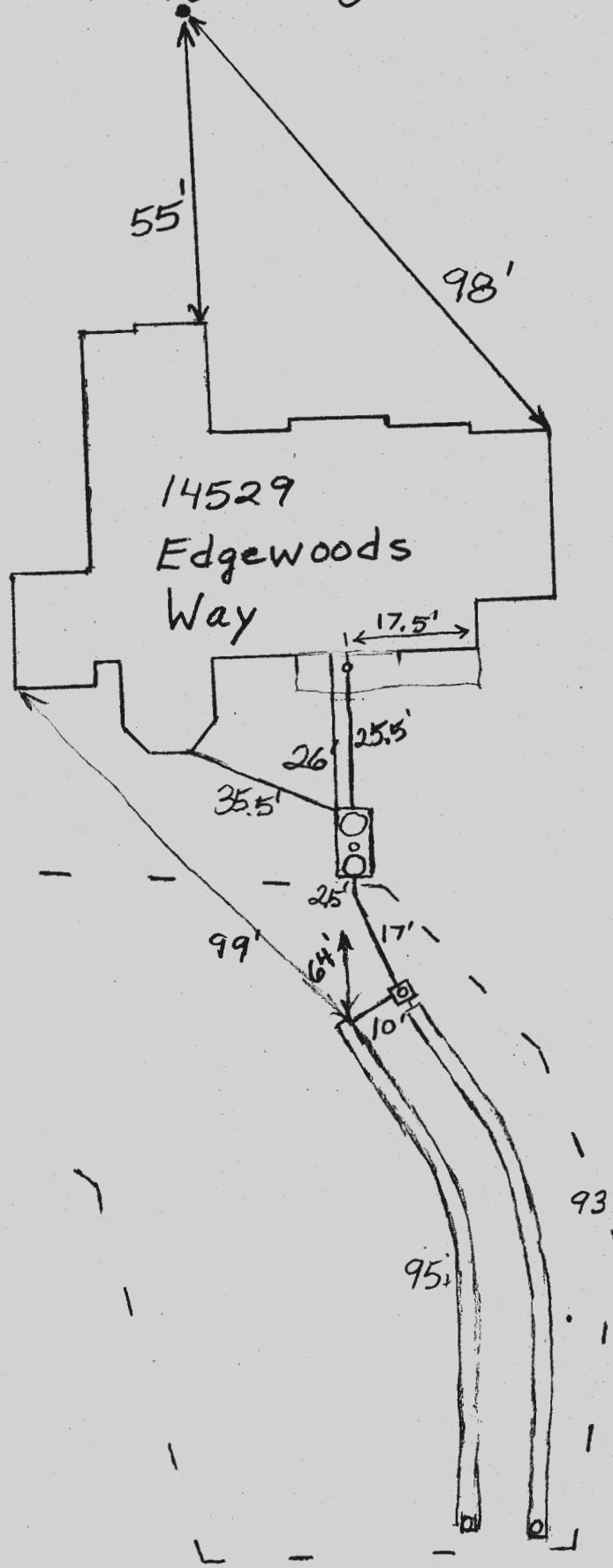
5/7 System completed. O.K. to backfill. BB

5/14/14 side visit made. Blower functioning. Looks good. Passer vent ok. Need start-up report certification from manufacturer (KWD)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 5/7/2014

HO-95-0778



e3 Environmental LLC

302-725-0788 www.e3onsite.com

ECOPOD-N Completion Statement

Installation Information

Owners Name		# of Bedrooms / GPD	<u>600</u>
Street	<u>14529 Edgewood Way</u>	Repair	<input type="checkbox"/>
City	<u>Glenelg</u>	New Construction	<input checked="" type="checkbox"/>
State	<u>MD</u>		
Zip	<u>21737</u>		

Installation Company

Company	<u>Fogles</u>	Installed Date	<u>5/2/14</u>
Certified Installer	<u>Matthew Cooney</u>	Startup Date	<u>5/14/14</u>
Street	<u>580 Obrecht Rd</u>		
City	<u>Sykesville</u>		
State	<u>MD</u>		
Zip	<u>21784</u>		

ECOPOD-N

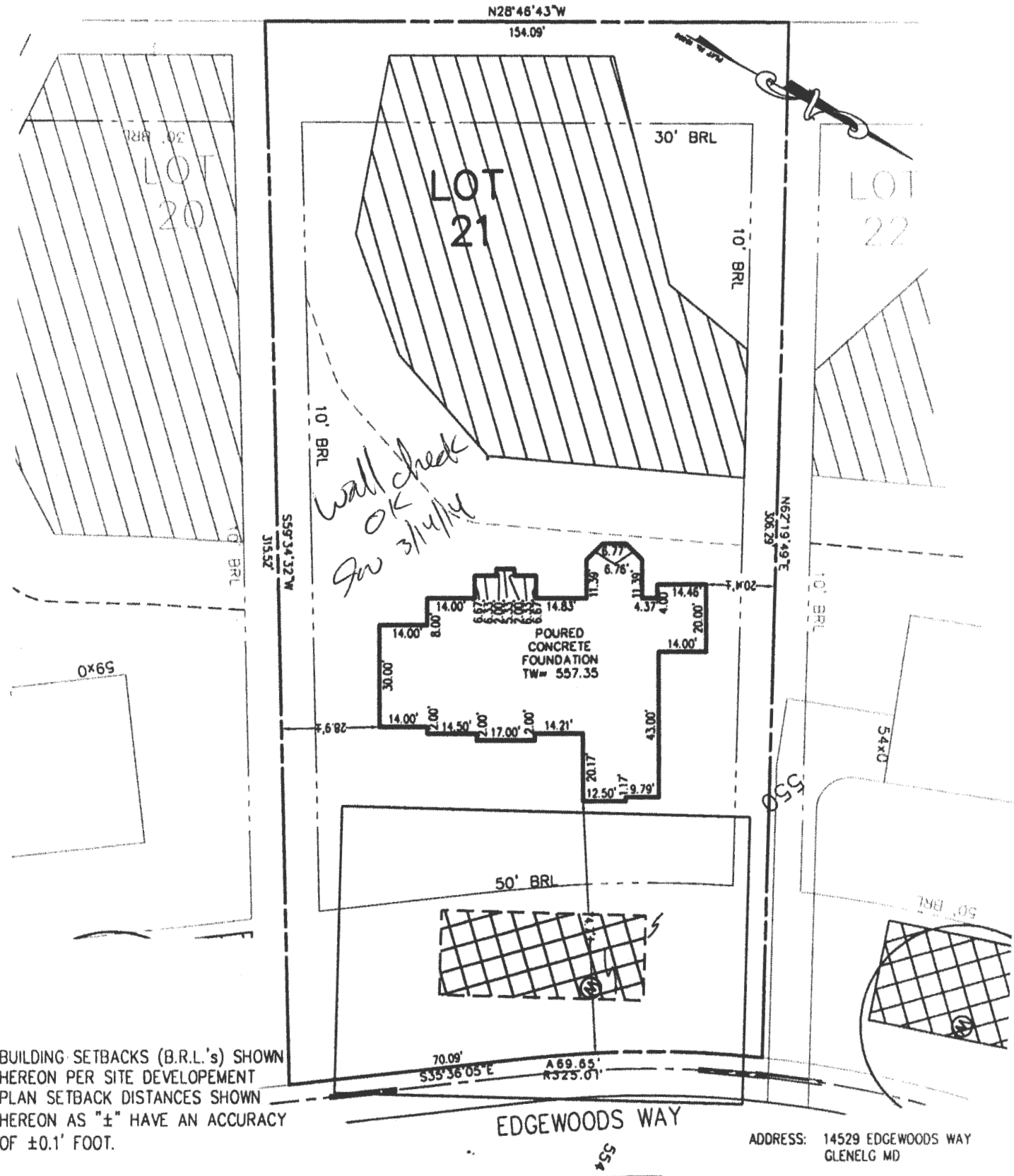
Model #	Serial #
E50 <input type="checkbox"/>	
E60 <input checked="" type="checkbox"/>	<u>EGON 02123 CA</u>
E75 <input type="checkbox"/>	
E100 <input type="checkbox"/>	
E150 <input type="checkbox"/>	

Blower Voltage	<u>Good</u>
Blower Running Amps	<u>Good</u>
Inches of water over media with blower turned off	<u>2" over</u>
Vent Installed	<u>Yes</u>
Tanks and Risers Water tight	<u>Yes</u>
Alarm Functional	<u>Yes</u>

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 Company Date 5/14/14
 Signature Steven R Koontz
 Printed Name Steven B 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.



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

ADDRESS: 14529 EDGEWOODS WAY GLENELG MD

SURVEYOR'S NOTE

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: *Michael Joe Boyce* 21328 MD. LIC NO. DATE: 09/20/13

WALL_CHECK
LOT_#21
EDGEWOOD_FARM
LIBER_4174_FOLIO_0436
PLAT_NO._19268
FOURTH_ELECTION_DISTRICT
HOWARD_COUNTY,_MARYLAND



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

DATE: 09/20/13 SCALE: 1"=40' FILE: LOT_21WC
CHK'D: MJB JOB#: 1498 DRAWN: MJB

Croped trenches

2' wide

3.5' inlet

7' bottom

94' long trenches $\times 2 = 188'$
linear
length

0.8 apprt
5 bedrm = 938 sq ft

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:

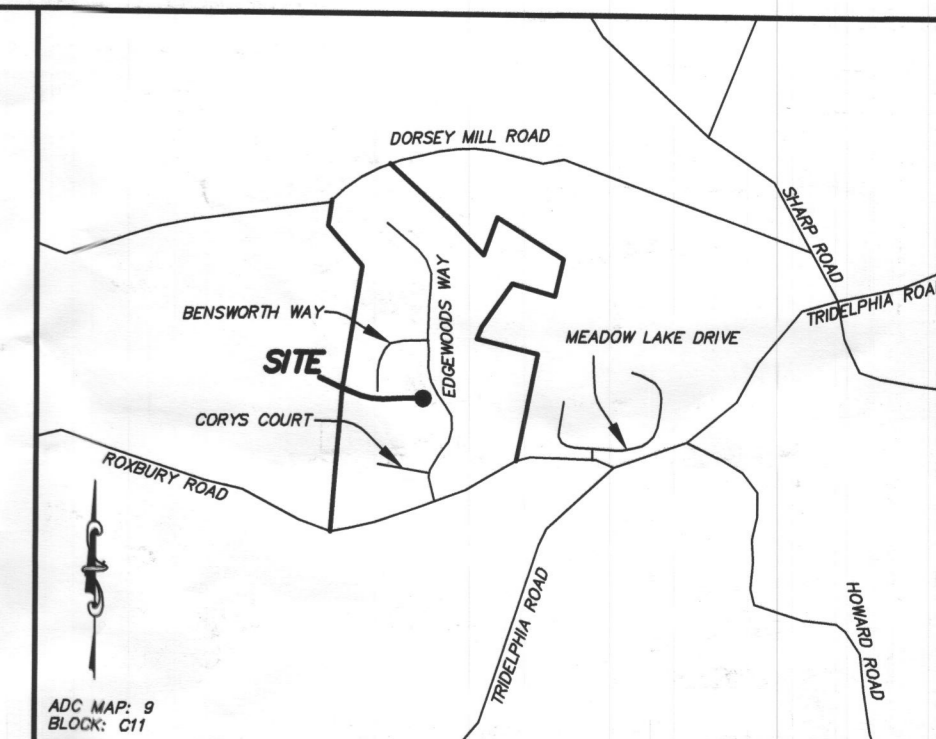
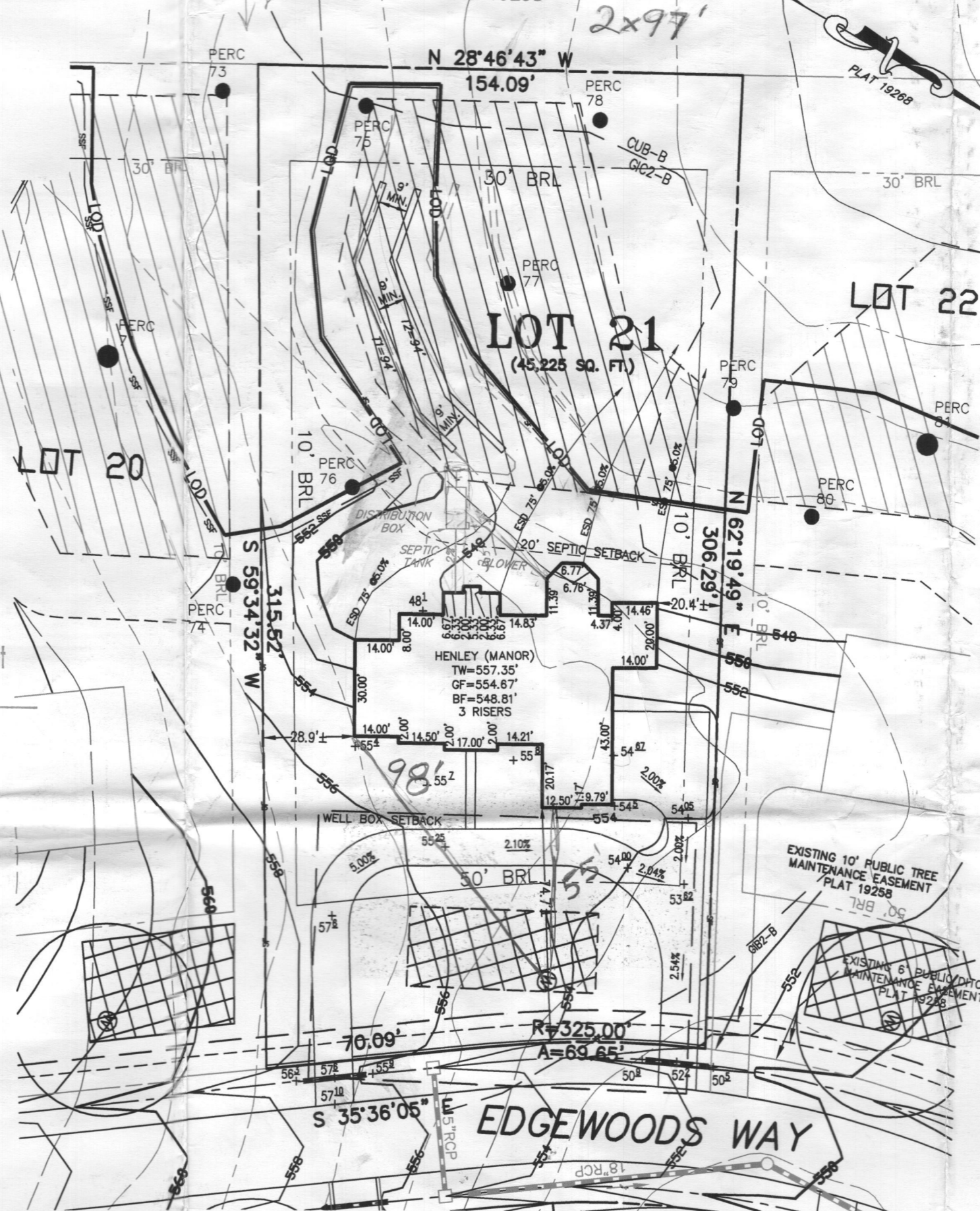
TYPE: HENLEY (MANOR)
 FINISHED LOWER LEVEL
 WALK-OUT BASEMENT
 CONSERVATORY ELITE ADDITION
 ADD'L 1' TO HEIGHT OF BASEMENT FOUNDATION
 OPTIONAL BATH FOR FINISHED LOWER LEVEL
 NAPLES SUNROOM ADDITION
 ADDITIONAL OPTION 263008
 INCLUDE HORSE SHOE DRIVEWAY AS SHOWN ON MARKETING PLAN

OPTION No. 013
 OPTION No. 017
 OPTION No. 039
 OPTION No. 070
 OPTION No. 383
 OPTION No. 529
 OPTION No. 0000
 OPTION No. 0001

LEGEND:

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

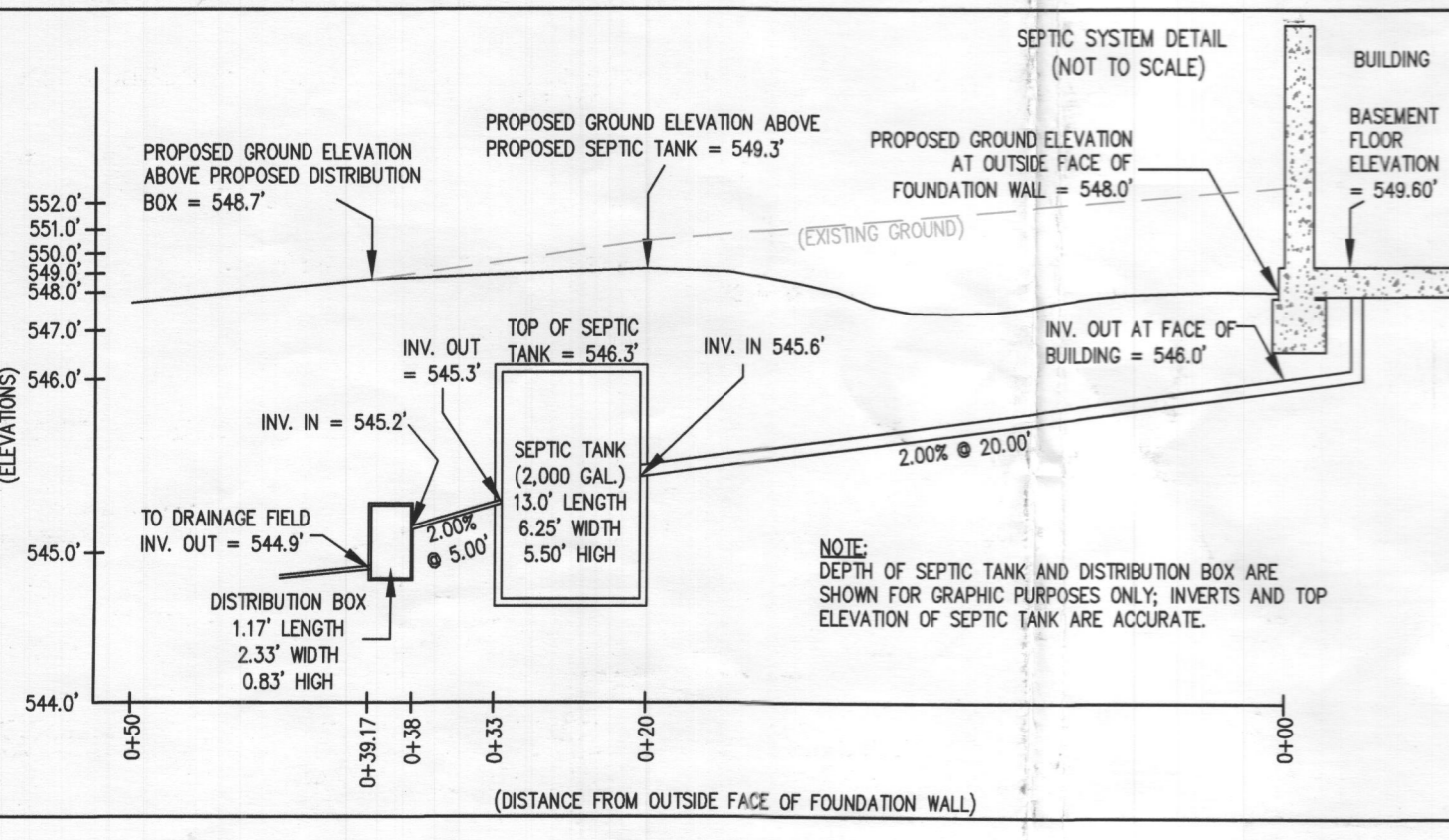
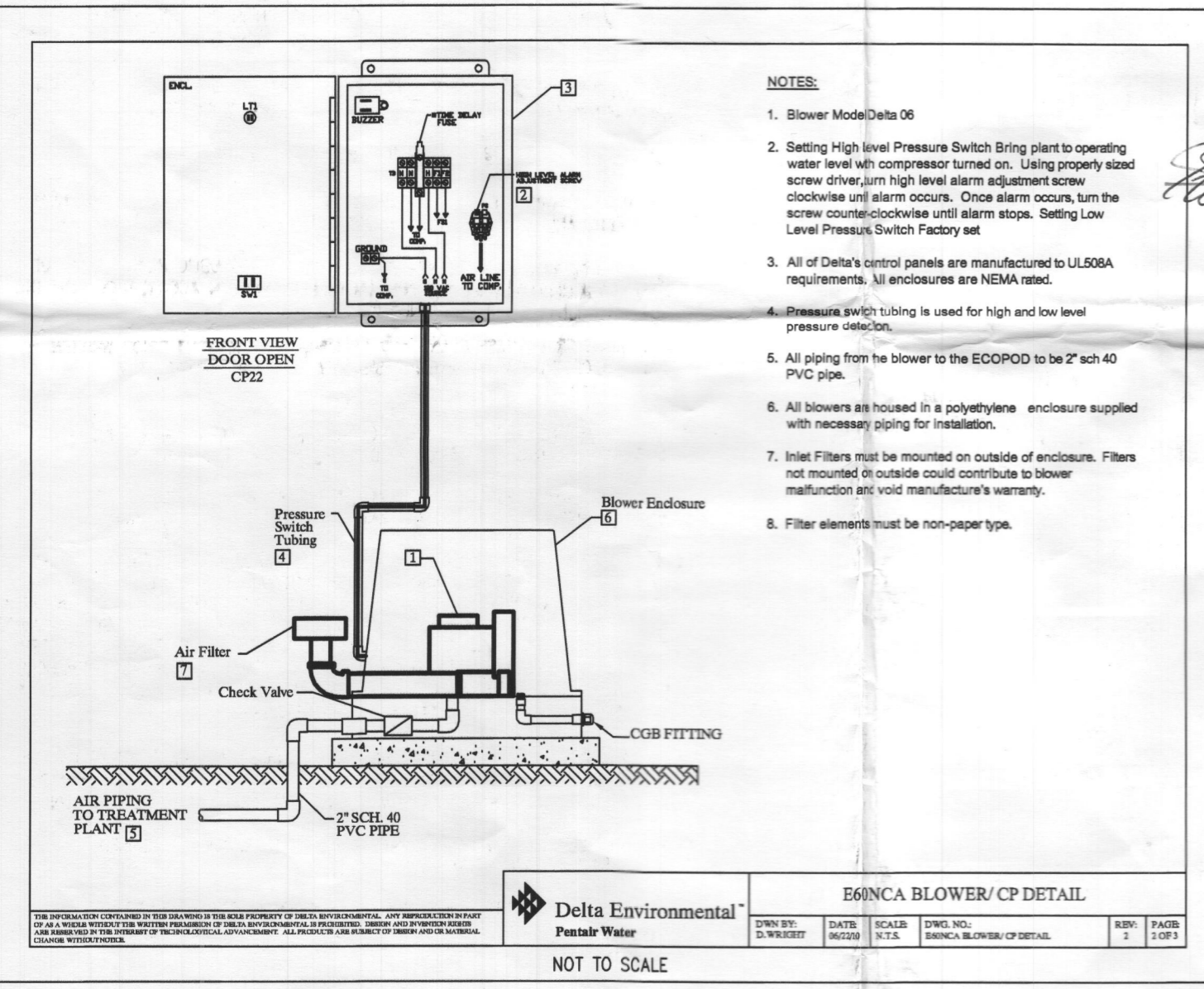
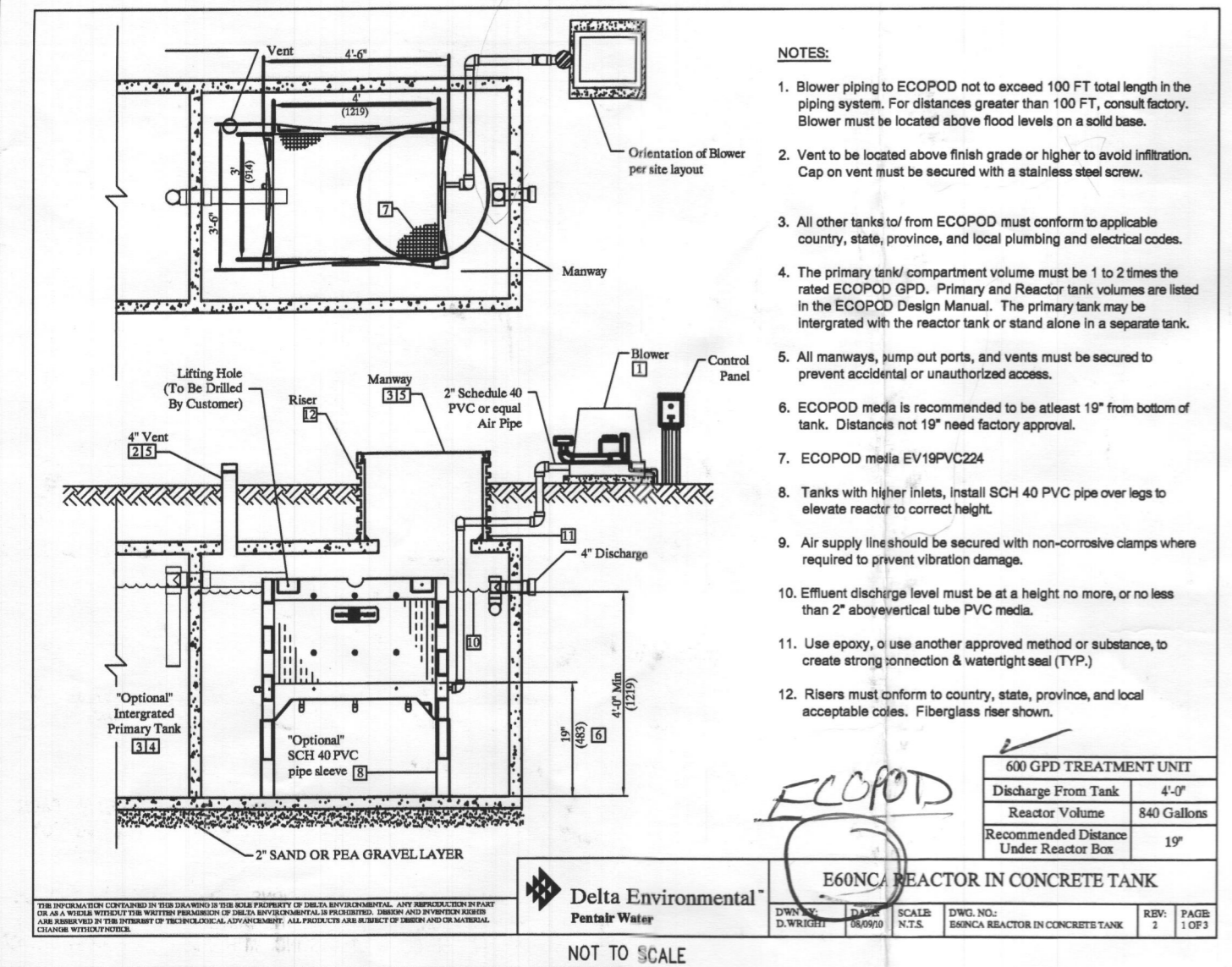
NON-BUILDABLE PRESERVATION
 PARCEL "B"
 EDGEWOOD FARM PHASE 1
 F-06-108
 EXISTING NATURAL AREA
 CONSERVATION CREDIT EASEMENT
 PLAT 19258



VICINITY MAP
 1" = 2000'

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. 19268.
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 4/27/11.
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: 30,407 SQ. FT. / 0.70 AC.±
8. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY PREVIOUSLY APPROVED PERC CERT AND STORMWATER MANAGEMENT PLAN DATED 08/04/13.
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-07-054.
18. A STANDARD SEDIMENT CONTROL PLAN MAY BE USED FOR DEVELOPMENT OF THIS LOT. REFERENCE GRADING PLAN GP 14-031.
19. THE EXISTING WELL(S) SHOWN ON THIS PLAN IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-0137 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-07-054.



Approved Septic System Plan
 Howard County Health Department
 Signature: [Signature]
 Date: 3/14/14



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):

1. E60 ECOPOD SYSTEM
 EX. GRADE OVER TANK: 550.6'
 PROPOSED GRADE OVER TANK: 549.3'
 INVERT IN: 545.6' INVERT OUT: 545.3'
2. DISTRIBUTION BOX
 EXISTING GRADE OVER TANK: 548.7'
 PROPOSED GRADE OVER TANK: 548.7'
 INVERT IN: 545.2' INVERT OUT: 544.9'
3. TRENCH DESIGN (5 BDRM x 150 GPD/BDRM = 750 GPD)
 750 GPD ÷ 0.8 APP. RATE = 938 SF
 USE 2' WIDE TRENCH WITH 42" GRAVEL BELOW PIPE
 9' MIN. SPACING BETWEEN TRENCH EDGES
 938 SF ÷ 2' WIDTH = 469 LF x 0.40 = 188 LF MIN. TRENCH
 USE 2 94" LONG TRENCHES = 188 LF

TRENCH DATA:

- BOTTOM MAX. DEPTH (7')
- TRENCH 1 (T1):
 GROUND ABOVE = 548.0'
 INV. IN = 544.5'
 BOTTOM TRENCH = 541.0'
- TRENCH 2 (T2):
 GROUND ABOVE = 547.3'
 INV. IN = 543.8'
 BOTTOM TRENCH = 540.3'

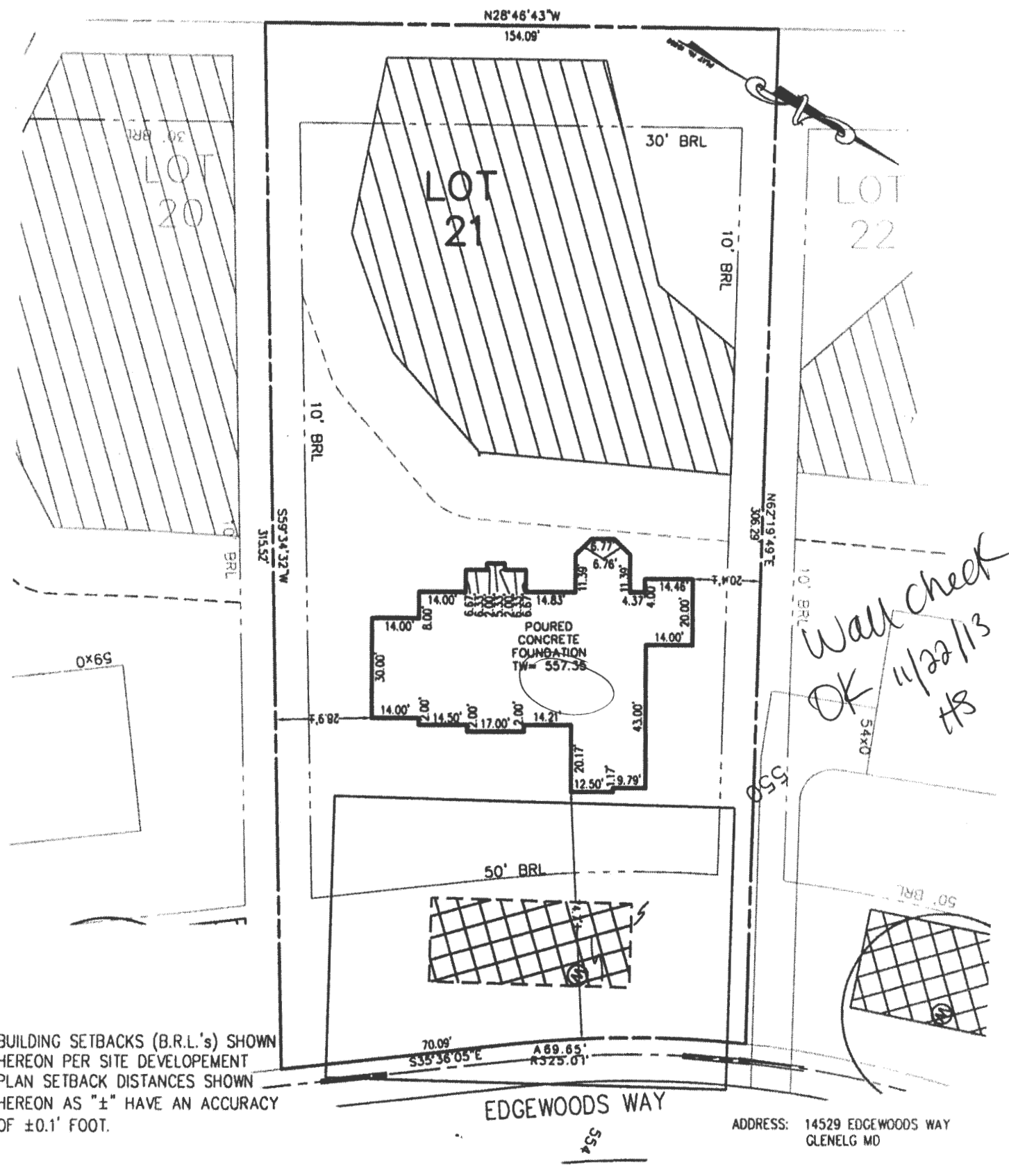
PLOT PLAN FOR BAT INSTALLATION
 LOT 21
EDGEWOOD FARM
 LIBER 10677, FOLIO 461
 PLAT No. 19268
 TAX No. 04-372476
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 ADDRESS: 14529 EDGEWOODS WAY
 GLENELG, MARYLAND

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: 03/11/14 SCALE: 1"=40' FILE: PP LOT 21
 CHK'D: MJB JOB NO: 1498 DRAWN: R.C.K

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.



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 NOTE

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: MICHAEL JOE BOYCE
 MD. LIC NO. 21328
 DATE 09/20/13

WALL_CHECK
 LOT_#21
EDGEWOOD_FARM
 LIBER_4174_FOLIO_0436
 PLAT_NO._19268
 FOURTH_ELECTION_DISTRICT
 HOWARD_COUNTY,_MARYLAND



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

DATE: 09/20/13 SCALE: 1"=40' FILE: LOT_21WC
 CHK'D: MJB JOB#: 1498 DRAWN: MJB

Sep 20, 2013 - 1:51 pm P:\Projects\1498 Edgewood Farm - (edgewood Farm) Plans\Lot 21\Wall\set 21_walls_mboyc.doc

IFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY
ER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE 1/8/15.

N28°46'43"W

154.09'



LOT
21

30' BRL

10' BRL

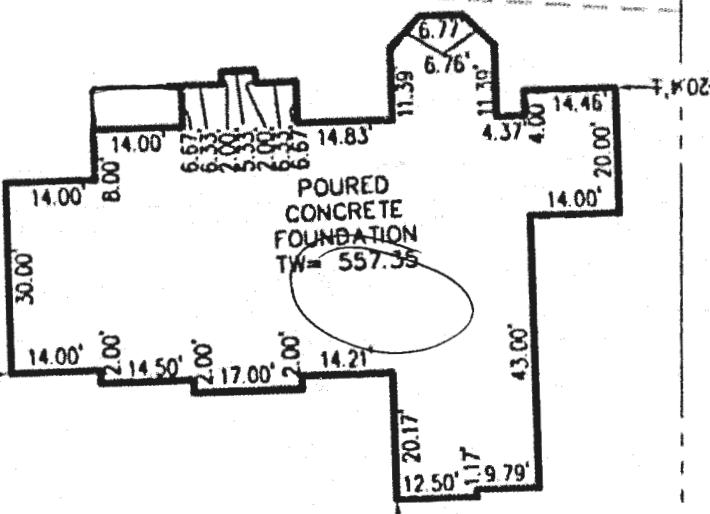
LOT
22

10' BRL

S59°34'32"W
315.52'

N62°19'49"E
306.29'

10' BRL

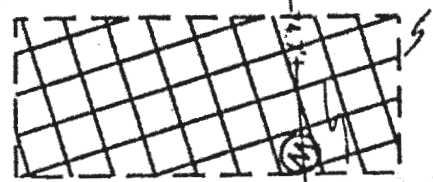


*Walk check
OK 11/22/13
HJS*

54x0

550

50' BRL



14529-Edgewoods

Clerk of the Circuit Court for *way*
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: Brandenburg/Toll
MD V LP
Reference/control #: 127

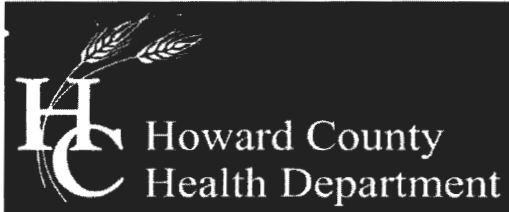
LR - Agreement Surcharge
1x 40.00 40.00

SubTotal: 60.00
Total: 60.00

REV-Check-BOA 60.00
Number : 5987

04/15/2014 09:44 CC13-DS
#2673731 /494/109

~ Thank you for visiting today ~



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

Twitter: [HowardCoHealthDep](https://twitter.com/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 4th day of April, among Nathan Brandenburg/Toll MD V LP, 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 14529 Edgewoods Way, in the 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.

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

B 1 9370

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 526283

STATE PERMIT NUMBER

40-95-0778 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YV 13 Toll Brothers 15 Last Name 34 First Name 36 Street or RFD 55 Columbia md 21046 57 Town 70 State 72 Zip 76

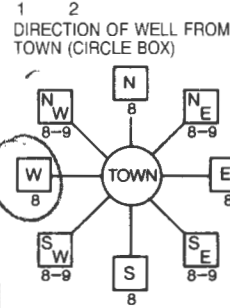
B 3 LOCATION OF WELL

Howard 8 COUNTY 21 Edgewood Farms 23 SUBDIVISION 42 SECTION 44 46 LOT 21 48 50 Glenelg 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 73 2 (M) 78

DRILLER INFORMATION

michael barlow MD 355 76 License No. 81 Barlow Well Drilling, Srvc 76 Firm Name 500 Underwood Ln, Bel Air, Md 76 Address 3/13/07 2104 76 Signature Date

B 4



Edgewoods Way 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 40 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP 21 BLK 22 PARCEL 90

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
I INDUSTRIAL, COMMERCIAL, DEWATERING
P PUBLIC WATER SUPPLY WELL
T TEST, OBSERVATION, MONITORING
G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A518964 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 3/28/07 Brian Baber 3/28/2008 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 519 000 EAST GRID 793 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary) CABLE REVerse ROTary DRive-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER WRITE THE BOX NUMBER FROM THE MAP HERE E 7903 N 52019 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION Edgewoods Way Roxbury Rd

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER H02006-0004 PERMIT No. H0-95-0778

SPECIAL CONDITIONS

C1 8092 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 04 4 3

Depth of Well 22 425 26 5/31/07 PERMIT NO. FROM "PERMIT TO DRILL WELL" HU-05-0778

OWNER: Toll Brothers last name Edgewoods Way first name TOWN: Glenfield SUBDIVISION: Edgewood Farms SECTION LOT #21

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include: Sand, Soft Brown, Hard Grey, Med Tan, Hard Grey, Med Hard Grey, Hard Grey.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box) YES [Y] NO [N] TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 10 NO. OF POUNDS 940

CASING RECORD casing types insert appropriate code below [ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 40

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole (insert appropriate code below) [ST] STEEL [BR] BRASS [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

Table with columns: E A C H S R E E N, DEPTH (nearest ft.), DIAMETER OF SCREEN (NEAREST INCH). Rows show depth intervals and diameters.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

PUMPING TEST

HOURS PUMPED (nearest hour) 6 4. PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE Timer/BUCKET WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 22 25 WHEN PUMPING 27 25 TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES [NO] IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) [+] above [-] below LAND SURFACE (nearest foot) 49 51

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

NUMBER OF UNSUCCESSFUL WELLS: 0

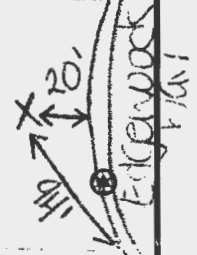
WELL HYDROFRACTURED YES [Y] NO [N]

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. MW D 355 DRILLERS SIGNATURE LIC. NO. D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)





MICHAEL BARLOW WELL DRILLING & SERVICE, INC.

522 Underwood Lane
 (410) 838-6910

Bel Air, Maryland 21014
 Fax (410) 838-3582

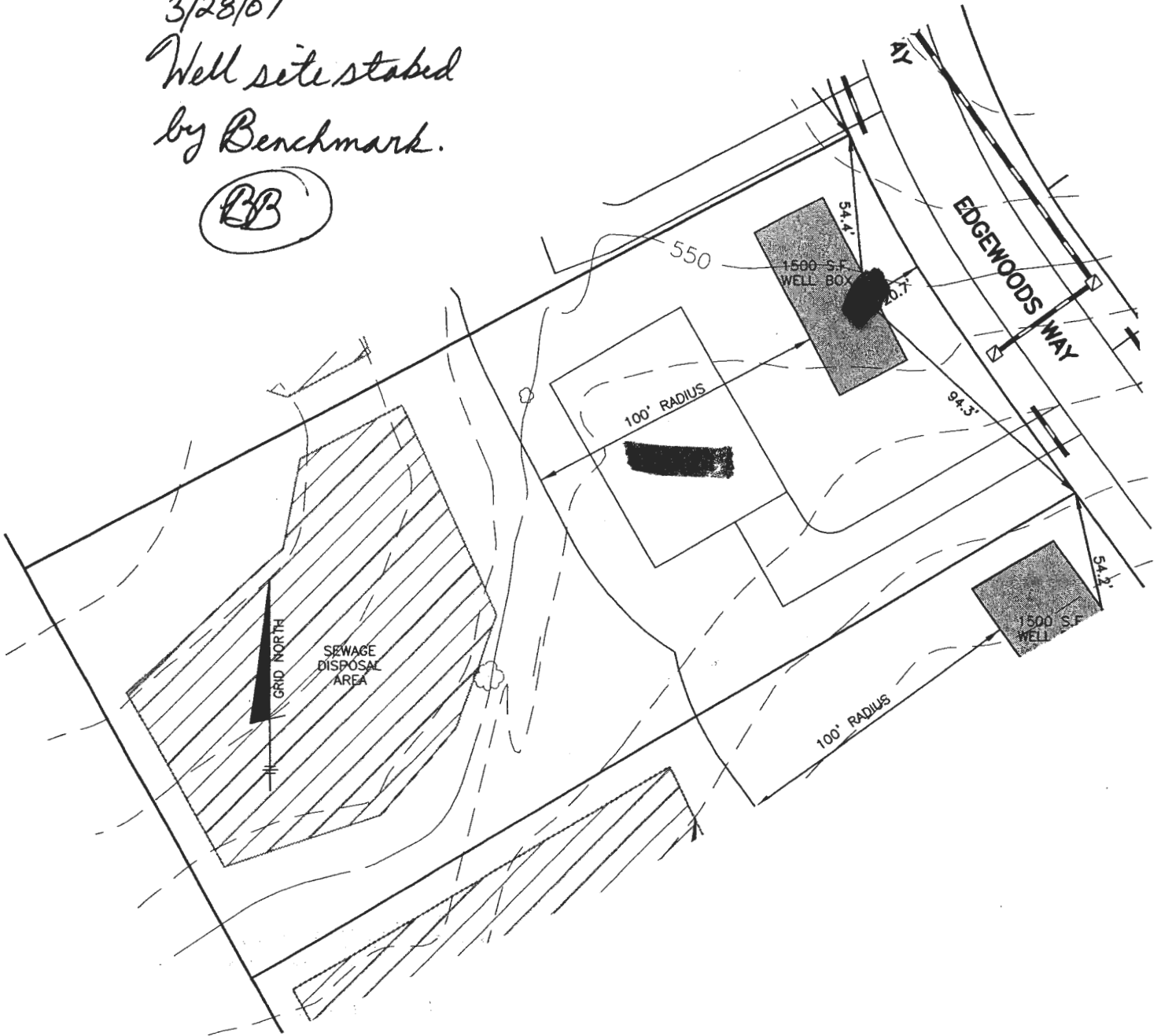
WELL YIELD REPORT

Date Test Completed:	April 3, 2007
Well Depth:	425 feet
Customer	Toll Brothers
Road	Edgewoods Way
City	Glenelg
State	Maryland
Permit #	HO-95-0778
Subdivision	Edgewood Farms
Section	
Lot #	21

Time	Water Level feet	Time to Fill 1-gallon bucket seconds	G.P.M.
9:15 AM	52	5	12.00
9:30 AM	63	5	12.00
9:45 AM	123	5	12.00
10:00 AM	156	5	12.00
10:15 AM	191	5	12.00
10:30 AM	245	5	12.00
10:45 AM	275	15	4.00
11:00 AM	275	15	4.00
11:15 AM	275	15	4.00
11:30 AM	275	15	4.00
11:45 AM	275	15	4.00
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3:30 PM	275	15	4.00
3:45 PM	275	15	4.00
4:00 PM	275	15	4.00
4:15 PM	275	15	4.00
4:30 PM	275	15	4.00
4:45 PM	275	15	4.00

3/28/07
Well site staked
by Benchmark.

BB



BENCHMARK

ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418

ELLCOTT CITY, MARYLAND 21043

PHONE: 410-465-6105

FAX: 410-465-6644

EDGEWOOD FARM WELL LOCATION PLAN

LOT 21

F-06-108

SCALE: 1" = 50'

DATE: 10-10-06

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WELL & SEPTIC PROGRAM
TEL: (410)313-1771 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogles Well Drilling LLC Telephone #: 443-609-4195
Address: PO Box 202
Woodbine, MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:
Name (Print): DAVID C FOGLE License# MSD 226

*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: TOIL BROTHERS Telephone #: 410-489-7407
Subdivision: Edgewood Lot #: 21 Well Tag #: HO-95-0776
Site Address: 14329 Edgewoods Way
Glenn, MD 21737

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Grundfos</u>	Make: <u>Campe II</u>	Two piece watertight cap: <u>YES</u>
Model #: <u>1550G10-220</u>	Model #: <u>N/A</u>	Screened, vented well cap: <u>YES</u>
Pump Capacity <u>10</u> GPM	Depth: <u>36"</u> (36" min)	Cap secured to casing: <u>YES</u>
Well Yield: <u>4</u> GPM	NSF/WSC approved: <u></u>	Conduit min 18" B.G.: <u>YES</u>
Depth of well encountered at time of pump installation: <u>475</u> (feet)	Conduit secured to well cap: <u>YES</u>	
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
Torque arrestors, Cable guards, or other acceptable method used- Must circle one		
Safety rope, if used, attached to brass rope adapter or other acceptable method <u>inside of well casing</u> <u>N/A</u>		

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>1" poly pipe</u>	PVC sleeve to undisturbed soil at wall penetration: <u>YES</u>
PSI: <u>160</u> (160 psi min)	Length of sleeve (5' minimum from foundation): <u>5'</u>
Depth of supply line: <u>42"</u> (36" min)	Sleeve sealed properly: <u>YES</u>

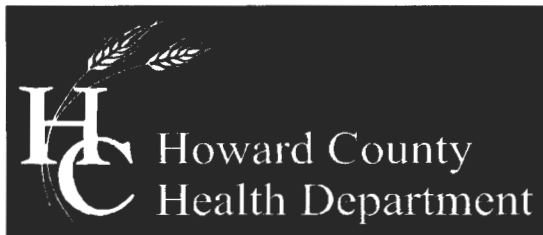
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: David Fogle date: 2-27-14

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 2/25/14 Date Insp. Approved: _____ Inspector: AK
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope not outside of well cap/casing
Correct well tag attached properly and casing 3" above finished grade ← Missing Well Tag
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

2/25/14
- Ok to cover water line
- Final approval is pending the location/attachment of Proper Well Tag
-AG



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

REQUEST FOR TEMPORARY DEVIATION TO BACTERIA STANDARDS FOR CERTIFICATE OF POTABILITY

DATE: 5/14/2014 WELL PERMIT #: HO - 95 - 0778

PROPERTY OWNER: Toll MD V

SUBDIVISION & LOT #:

PROPERTY ADDRESS: Edgewood Farm 14529 Edgewoods Way Glenelg, MD 21737

The water sample results recently submitted for evaluation indicate that the water sample contained coliform bacteria. This bacteria is used as an indicator species which can help measure the sanitary protection of the well and water supply. Coliform bacteria by themselves do not usually cause disease, but their presence may indicate that surface contamination (insects, organic material, surface water, etc.) may have entered the water supply and the water may be potentially unsafe. Coliform bacteria are also good indicators because they are killed by disinfection the same way that most disease-causing organisms are killed. With a few exceptions, a well that is properly disinfected causes the coliform bacteria to disappear, and in most cases disease causing organisms have also been killed.

TESTIMONIAL: (Steps taken thus far by the well owner or agent to make the well water supply bacteriologically safe)

3 chlorinations of the well & home system. Bacteria levels were reduced each time with the last result yielding a level of 1.0

PLEDGE: (Steps to be taken by the well owner or agent to bring the well water supply into compliance with COMAR 26.04.04.09 within fifteen (15) days)

4th Chlorination and thorough flushing of well and home system.

CONDITIONS:

- 1) Within fifteen (15) days, the well installed under permit # HO - - will meet the bacteria standard resulting from approved disinfection procedures.

2) If condition #1 is not met through disinfection techniques, then either:

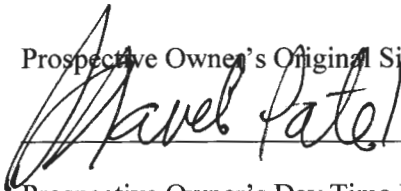
- a) **PRIOR HEALTH DEPARTMENT APPROVAL IS REQUIRED BEFORE AN ULTRAVIOLET DISINFECTION SYSTEM CAN BE INSTALLED (which must be maintained by the homeowner continuously to ensure a bacteriologically safe water supply)**

OR

- b) An order to abandon and seal the well will be issued

I hereby request that a Fifteen-Day Temporary Deviation to COMAR 26.04.04.09 B3a be granted for the well installed under permit # HO - 95 - 0778 I am fully aware of the conditions under which this deviation will be granted, and of my responsibilities as the well owner which will include advising any future buyer/tenant of the installation, condition and maintenance responsibilities of an appropriate disinfection device if applicable.

Prospective Owner's Original Signature(s) [Person(s) who intend to live in the dwelling]

 (410) 489-4024

Prospective Owner's Day Time Phone Number(s)



Providing Quality Systems for Over 20 Years
Commercial & Residential Water Well Drilling
Test Borings & Cementing • Geothermal Drilling & Systems
NGWA & IGSHA Certified

Howard County Environmental Health Dept
8930 Stanford Blvd
Columbia, MD 21046
Attn: Andrew Geisert

March 4, 2014

Mr. Geisert,

I am writing in response to our conversation today concerning the missing well tag for the well we drilled at 14529 Edgewood Way (Edgewood Farms lot 21).

I am certain that the tag was attached when we completed the well in April of 2007. Since it is no longer present on the well, a new tag will be required. Please order a replacement tag for that well, permit number HO-95-0778. Please give me a call if you have any questions.

A handwritten signature in black ink, appearing to read 'Michael Barlow', with a long horizontal line extending to the right.

Michael Barlow
MWD355



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

Twitter: HowardCoHealthDep

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

March 7, 2014

Barlow Well Drilling
522 Underwood Lane
Bel Air, MD 21014

Re: 14529 Edgewood Way

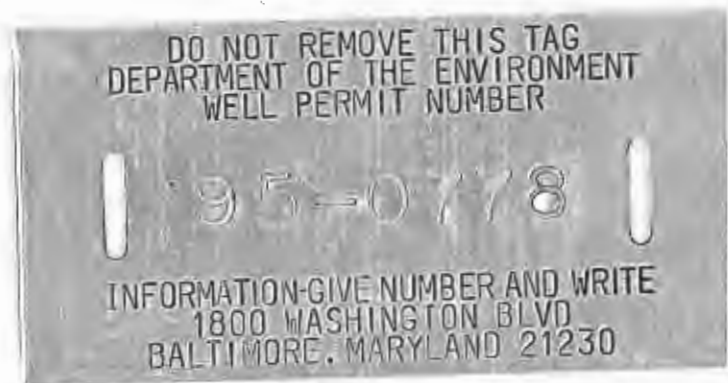
Mr. Barlow,

In response to your written request, please find attached a replacement well tag for Edgewood Farms, Lot 21 (14529 Edgewood Way).

Please contact me if you have any questions or when you have attached the new tag, so that I may complete my inspection of the well. You will find my contact information at the bottom of this letter.

Sincerely,

Andrew Geisert
Environmental Sanitarian Supervisor
Office: 410-313-6287
Fax: 410-313-2648
ageisert@howardcountymd.gov



APPLICATION

73 74
71
70 72

PERCOLATION TESTING

A 518964-R

F _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT 4TH

DATE 5/13/03
5/22/03

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER EDGEWOOD FARM, INC.

ADDRESS 14919 ROXBURY RD GLENELG MD 21737 PHONE _____

AGENT OR PROSPECTIVE BUYER TOLL BROTHERS, INC.

7164 COLUMBIA GATEWAY DR SUITE 230
ADDRESS COLUMBIA, MD 21046 PHONE (410) 872-9105

PROPERTY LOCATION:

SUBDIVISION EDGEWOOD FARM LOT NO. 18/21

ROAD AND DESCRIPTION ROXBURY RD

TAX MAP 21 PARCEL # 90

SIZE OF LOT 1 Ac ± TYPE BLDG. SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Bruce R. O'Neil
BRUCE R. O'NEIL (SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 74
 DK Brown loam
 1' Yellow Brown Clay loam
 4 1/2' Red Sil loam
 5 1/2' Brown Sil loam
 1590 Rock
 13 1/2'

72

Dark Brown loam
 1 1/2' Red Brown Sil loam
 5' Red Brown Sil loam
 1590 Rock
 13'

71

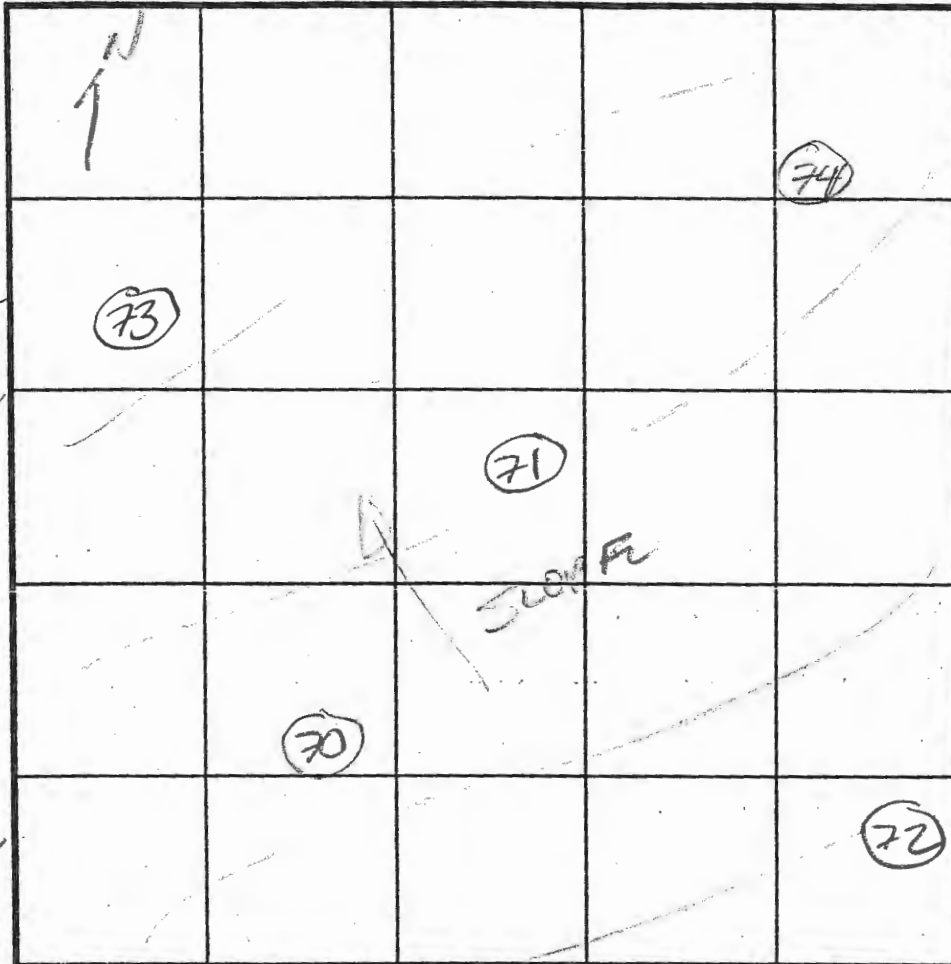
DK Brown loam
 4' Red Brown Clay loam
 Red Sil loam
 6' Brown Sil loam

SOIL PROFILE

0' 70
 DK Brown loam
 1' Yellow Brown Clay loam
 2' Brown Sil loam
 1590 Rock
 13'

75

DK Brown loam
 5' Brown Sil loam
 2' Brown Sil loam
 6' Brown Sil loam
 10 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/9/03	74	6 1/2' / 13 1/2'	8 46	9 00	9 00	9 08	5min	P
	72	4 1/2' / 13 1/2'	8 53	8 57	8 57	9 01	3min	P
	71	5 1/2' / 13'	9 21	9 32	9 32	9 45	13min	P
	70	4 1/2' / 13'	12 19	12 22	12 22	12 25	3min	P
	73	6' / 10 1/2'	10 24	10 28	10 28	10 33	5min	P

REMARKS _____

TYPE OF SOIL _____

TESTED BY FA/KN ALSO PRESENT Bob Sheasley
MARK JOHNSON

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

78 77
75 70

PERCOLATION TESTING

A 518964-3

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT 4TH

DATE 5/13/03
5/22/03

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER EDGEWOOD FARM, INC.

ADDRESS 14919 ROXBURY RD GLENELG MD 21737 PHONE _____

AGENT OR PROSPECTIVE BUYER TOLL BROTHERS, INC.

ADDRESS 7164 COLUMBIA GATEWAY DR SUITE 230
COLUMBIA, MD 21046 PHONE (410) 872-9105

PROPERTY LOCATION:

SUBDIVISION EDGEWOOD FARM LOT NO. 1922

ROAD AND DESCRIPTION ROXBURY RD

TAX MAP 21 PARCEL # 90

SIZE OF LOT 1 Ac ± TYPE BLDG. SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Bruce R. O'Neil
BRUCE R. O'NEIL (SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

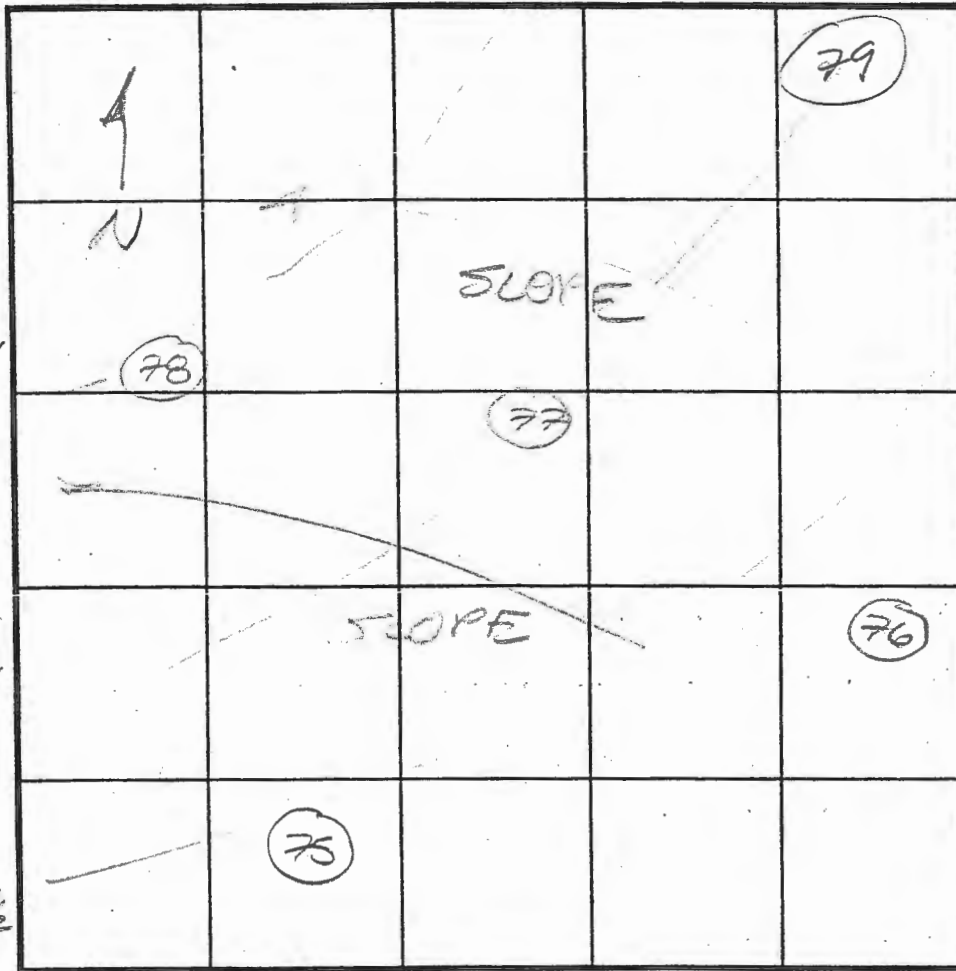
COUNTY #

SOIL PROFILE

0' 77
 Brown loam
 1'
 Brown Silty Clay loam
 3 1/2'
 Brown Silty loam
 15% rock
 13'

75
 DK Brown loam
 2 1/2'
 Lt Brown Silty loam
 15% rock
 13'

78
 Brown loam
 1'
 Red Brown Silty loam
 3'
 Red Breccia Silty loam
 15% rock
 13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 76
 Brown loam
 3'
 Silty Clay loam
 6 1/2'
 Brown Silty loam
 15% rock
 13'
79
 Brown loam
 1'
 Brown Clay loam
 4'
 Brown Reddish Silty loam
 15% rock
 2 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
7/8/03	77	5 1/2' / 15'	2:29	2:36	2:36	2:44	Brn P
	78	6' / 13'	2:35	2:37	2:37	2:39	Clay P
	75	5 1/2' / 13'	2:45	2:48	2:48	2:51	Brn P
	76	6 1/2' / 13'	2:59	3:18	3:18	3:39	Clay P
	79	6' / 12 1/2'	2:09	2:11	2:11	2:13	Clay

REMARKS _____

TYPE OF SOIL _____

TESTED BY FA ALSO PRESENT Bob Sheeley Mark Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

MATCH LINE SEE SHEET 2

LOT 53
48,838 S.F.

LOT 24
43,363 S.F.

LOT 23
42,012 S.F.

LOT 22
42,735 S.F.

LOT 21
45,225 S.F.

LOT 20
49,356 S.F.

LOT 19
48,755 S.F.

LOT 4
49,277 S.F.

CUB
B

CUB
B

CUB
B

CUB
B

NON-BUILDABLE
PARCEL B
PRESERVATION OWNED
PRIVATELY EASEMENT
COUNTY EASEMENT
ASSOCIATION HOLDER

*Perce
Cert
3-20-00*

BENSON WAY

52

M123
B

PERC 47 NT
PERC 48
PERC 51
PERC 49
PERC 50

PERC 316
PERC 313
PERC 312
PERC 315
LOT 26
58,208 S.F.

PERC 307
PERC 308
PERC 309
PERC 311
PERC 310

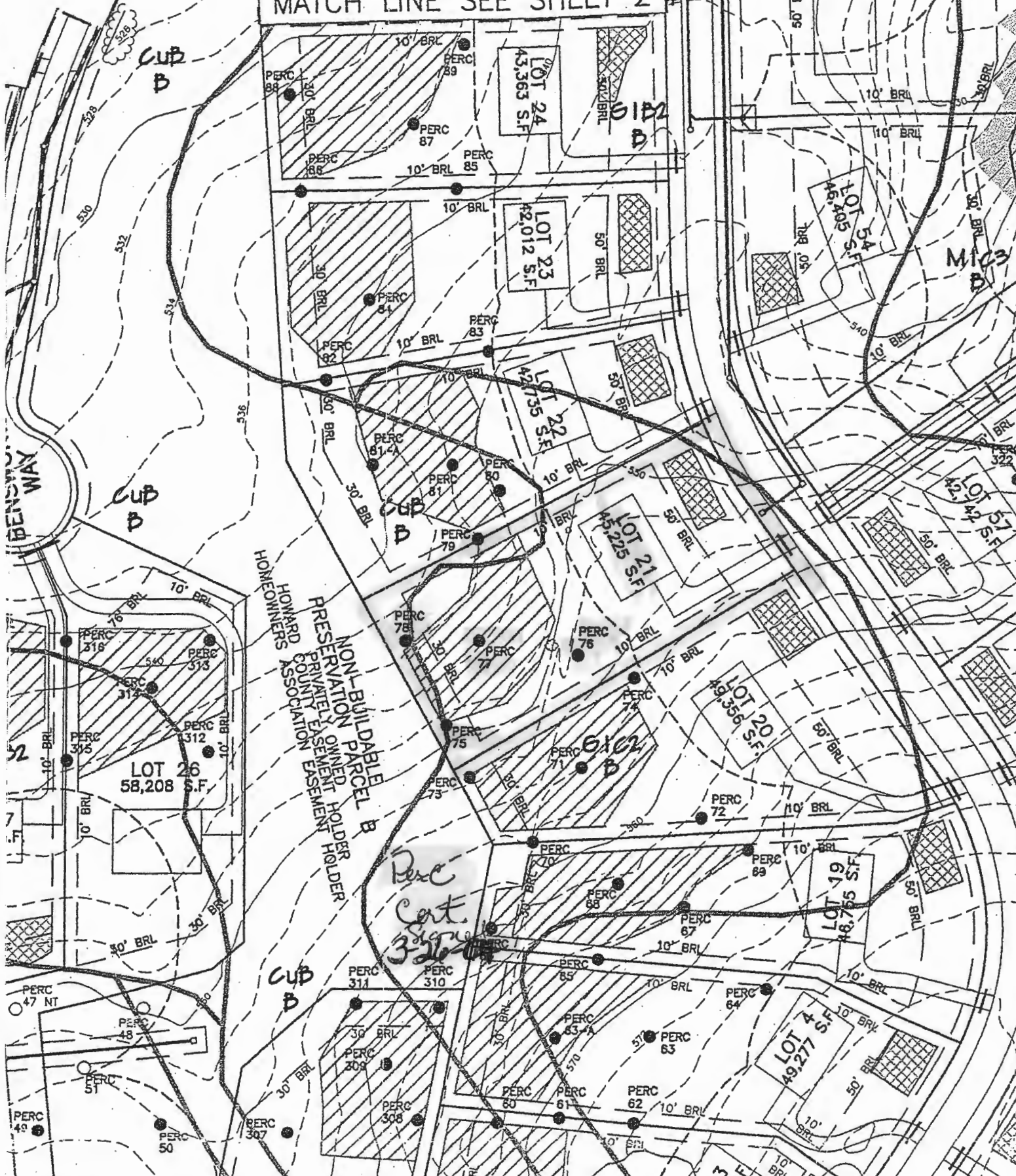
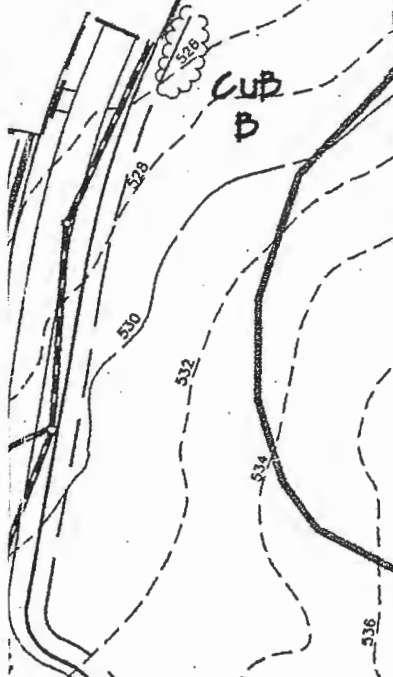
PERC 60
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PERC 99



GENERAL NOTES

1. DENOTES CONCRETE MONUMENT TO BE SET UNDER F-06-108.
2. DENOTES IRON PIPE TO BE SET UNDER F-06-108.
3. COORDINATES BASED ON NAD 83 MARYLAND COORDINATE SYSTEM AS PROVIDED BY HOWARD COUNTY GEOLOGIC CONTROL STATIONS 2114 AND 2124.
4. SUBJECT PROPERTY ZONED RC-DEO PER 2-3-04 COMPREHENSIVE ZONING PLAN AND THE COUNTY ZONING REGULATIONS AMENDMENTS EFFECTIVE 7-28-2004.
5. A TREE MAINTENANCE EASEMENT RUNNING ALONG THE EDGE OF THE MAIN ROAD RIGHT-OF-WAY AS SHOWN ON THIS PLAN OF SUBDIVISION IS RESERVED UNDER ALL LOTS FRONTING ON THE SAID ROAD AND MAINTENANCE OF SUCH EASEMENT SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY. WHEN NECESSARY, FOR THE SPECIFIC PURPOSE OF INSTALLATION, REPAIR AND MAINTENANCE OF SUCH EASEMENT, THE OWNER SHALL BE RESPONSIBLE FOR THE COST OF ANY NECESSARY STRUCTURES OF ANY KIND TO BE LOCATED ON OR OVER THE SAID EASEMENT AREA.
6. ALL AREAS ON THIS PLAN ARE "MORE OR LESS".
7. THERE IS NO 100-YR FLOODPLAIN, METEOROLOGICAL STREAMS, THEIR BUFFERS OR ZEE OR GREATER STEEP SLOPES THAT ARE AT LEAST 20.000 SF OF CONTIGUOUS AREA ON THESE LOTS.
8. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING STANDARDS:
 - A) WIDTH - 12' (14' SERVING MORE THAN ONE RESIDENCE).
 - B) SURFACE - 4" OF CONCRETE CURED OVER BASE WITH TAR AND CHIP COATING.
 - C) GRADE - MAX. 15% GRADE MAX. 10% CROSS CHANGEL & MIN. 4% TURNING RADII.
 - D) DRAINAGE - CAPABLE OF SURFACE DRAINAGE TO EXISTING OR NEW DRAINAGE SYSTEM.
 - E) STRUCTURE CLEARANCES - MINIMUM 12 FEET.
 - F) MAINTENANCE - SUFFICIENT TO RESIST ALL WEATHER USE.
9. THE DEVELOPER RESERVES THE RIGHT, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAN FOR SPECIFIC UTILITIES AND FOR THE CONSTRUCTION (AS SHOWN AS "FOREST CONSERVATION FACILITY") LOCATED IN LOT 6 AND THROUGH LOTS 8-40 AND PARCELS 10-11 FOR CONSERVATION PURPOSES. SUCH EASEMENTS SHALL BE SUBJECT TO THE EASEMENTS HERETO BEFORE AND NOT EXPRESSLY STATED IN THE BEING CONVEYED SAID LOTS AND PARCELS. DEVELOPER AND OWNER OF THE FOREST CONSERVATION FACILITY SHALL BE RESPONSIBLE FOR THE COST OF THE FOREST CONSERVATION FACILITY UNDER THE TERMS OF THE FOREST CONSERVATION AGREEMENT NUMBERED 11-11-04 DATED AT A BUILDING PERMIT FOR LOTS 42-46, 49, 53 & 54 MAY NOT BE ISSUED UNTIL THE CONSTRUCTION OF THE FACILITY IS COMPLETED. ACTIVITY ON THESE LOTS IS RESTRICTED AND IS SUBJECT TO THE DECLARATION OF COVENANTS, CONDITIONS, RIGHTS-OF-ENTRY, AND RESTRICTIONS FOR SHARED SEWAGE DISPOSAL FACILITY LOCATED IN LOTS 42-46, 49, 53 & 54. SHALL BE ACCESSIBLE TO SHARED SEWAGE DISPOSAL FACILITY CHARGES AND RESTRICTIONS PURSUANT TO SECTION 20.800 AT THE END OF THE HOWARD COUNTY CODE.
10. STORMWATER MANAGEMENT HAS BEEN PROVIDED UNDER F-06-108 BY A DETENTION DETENTION FACILITIES (WITH WETLANDS) AND BY NATURAL AREA CONSERVATION AND SHEETLUNG TO BUFFER CREEKS.
11. THERE ARE NO EXISTING RESTRICTED STRUCTURES LOCATED ON THESE LOTS.
12. WETLAND DELINEATION WAS PREPARED BY ECO-SOURCE PROFESSIONALS IN MARCH 2004.
13. THE FLOODPLAIN STUDY FOR THIS PROJECT WAS PREPARED BY BENCHMARK ENGINEERING, INC. UNDER ART. 200 AND APPROVED UNDER F-05-014.
14. THIS AREA DESIGNATES A PRIVATE SEWAGE TREATMENT OF AT LEAST 10,000 GALLONS PER DAY AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR PRIVATE SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED WITH PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT MODIFICATIONS TO THE PRIVATE SEWERAGE EASEMENT. CONSTRUCTION OF A MODIFIED SEWERAGE EASEMENT PLAN SHALL NOT BE NECESSARY.
15. THE TOTAL FOREST CONSERVATION OBLIGATION AT 27.0 ACRES WAS MET BY THE ON-SITE RETENTION OF 10.3 AC. OF NET TRACT AREA FOREST WITH A FOREST CONSERVATION EASEMENT. THE ON-SITE RETENTION OF 10.3 AC. WITH A FOREST CONSERVATION EASEMENT AND BY THE ON-SITE REFORESTATION OF 3.0 AC. WITHIN A FOREST CONSERVATION EASEMENT WITH A NEW DEVELOPER'S AGREEMENT WITH SURETY IN THE TOTAL AMOUNT OF \$445,616.90 UNDER F-06-108.

24. THE PURPOSE OF THE PRESERVATION PARCELS AND THE JUSTIFICATION FOR THE DESIGN OF THE CLUSTER SUBDIVISION IS AS FOLLOWS:
 - PRESERVATION PARCEL 'W' IS PROPOSED AS NON-BUILDABLE PARCELS FOR A SHARED SEPTIC SYSTEM AS A REQUIREMENT TO PROVIDE SEWER FOR LOTS 42-46, 49, AND 53-54. IT WILL BE OWNED BY THE HOMEOWNERS ASSOCIATION. IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PROPERTY. THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENHANCES THE USES PERMITTED ON THE PROPERTY.
 - PRESERVATION PARCEL 'Y' IS PROPOSED AS A NON-BUILDABLE PARCEL THAT MAY INCLUDE BUT NOT BE LIMITED TO STORAGE DRIVES, UTILITY EASEMENTS, AND NATURAL AREA CONSERVATION CREDIT. IT WILL BE PRIVATELY OWNED. IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY AND THE HOMEOWNERS ASSOCIATION. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENHANCES THE USES PERMITTED ON THE PROPERTY.
25. THE GEOLOGICAL REPORT FOR THIS PROJECT WAS PREPARED BY H.L.S. CANNON ENGINEERING ASSOCIATES, INC. IN NOVEMBER, 2004 AND SUPPLEMENTED IN APRIL, 2005.
26. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY LINE AND NOT INTO THE PIPESTEM LOT DRIVEWAY.
27. USING THE CLUSTER EXCHANGE OPTION PROCESS AS DESCRIBED IN SECTION 106 OF THE ZONING REGULATIONS, 29 DEVELOPMENT UNITS HAVE BEEN TRANSFERRED FROM THE CARROLL-ZIEGLER PROPERTY TO THIS PROPERTY TO SATISFY THE DENSITY ALLOWED REQUIREMENT FOR 29 OF THE PROPOSED LOTS.
28. LOTS 42-46, 49, 53 & 54 OF THIS SUBDIVISION ARE CONNECTED TO THE SHARED SEWAGE DISPOSAL FACILITY GOVERNED BY SECTION 110 OF THE HOWARD COUNTY CODE. THE DEVELOPER IS OBLIGATED TO CONSTRUCT THE FACILITY UNDER THE TERMS OF THE FOREST CONSERVATION AGREEMENT NUMBERED 11-11-04 DATED AT A BUILDING PERMIT FOR LOTS 42-46, 49, 53 & 54 MAY NOT BE ISSUED UNTIL THE CONSTRUCTION OF THE FACILITY IS COMPLETED. ACTIVITY ON THESE LOTS IS RESTRICTED AND IS SUBJECT TO THE DECLARATION OF COVENANTS, CONDITIONS, RIGHTS-OF-ENTRY, AND RESTRICTIONS FOR SHARED SEWAGE DISPOSAL FACILITY LOCATED IN LOTS 42-46, 49, 53 & 54. SHALL BE ACCESSIBLE TO SHARED SEWAGE DISPOSAL FACILITY CHARGES AND RESTRICTIONS PURSUANT TO SECTION 20.800 AT THE END OF THE HOWARD COUNTY CODE.
29. WP-06-80 A REQUEST TO WAIVE SECTION 16.118(c)(2)(ii) WHICH STATES "ROADS, REMOVAL OF VEGETATION COVER OR TREES, PARKING AND OTHER STRUCTURES SHALL NOT BE PERMITTED WITHIN 100 FEET OF A PERENNIAL STREAMBANK FOR USE IN STREAMS AND SECTION 16.115(c)(2) WHICH STATES "NO CLEARING, EXCAVATING, FILLING, MAY OCCUR ON LAND LOCATED IN A FLOODPLAIN WAS WITHDRAWN FROM PROCESSING ON MAY 8, 2006 BY REQUEST OF THE ENGINEER.
30. THE DESIGN FLOW FOR THE SHARED SEPTIC SYSTEM EQUALS 4800 GPD (8 LOTS X 4 BEDROOMS X 150 GPD PER BEDROOM).

DENSITY EXCHANGE CHART

GROSS AREA	131.87 AC.±
100-YEAR FLOODPLAIN & STEEP SLOPE AREA	11.25 AC.±
NET TRACT AREA	120.62 AC.±
DWELLING UNITS ALLOWED (in lotter of right)	131.87 AC.± @ 1 DU per 4.23 GROSS ACRES = 31
MAXIMUM DWELLING UNITS ALLOWED W/ CED'S	120.62 AC.± @ 1 DU per 4.23 NET ACRES = 60
PROPOSED DWELLING UNITS	80
NUMBER OF CED UNITS TO BE RECEIVED	80 - 31 (base density) = 29
29 CED UNITS	
CARROLL-ZIEGLER PROPERTY	
PANCEL 130	
TAX MAP 23, GRID 10	
F-06-228	
PLAT NUMBER: 1840	
RECORDED: 11-17-2006	

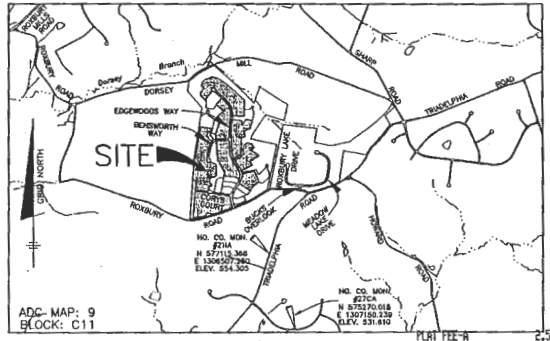
THE SHARED SEWERAGE SYSTEM WILL BE AVAILABLE TO LOTS 42-46, 49, 53 & 54. PLANS FOR THE FACILITY INCLUDING ANY NECESSARY POINT OF DISCHARGE HAVE BEEN APPROVED BY THE DEPARTMENT OF THE ENVIRONMENT.

William M. Mason 5/14/07
TOLL MD V LIMITED PARTNERSHIP

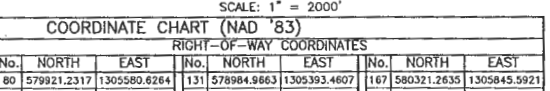
Donald Mason 5/16/07
DONALD A. MASON
REGISTERED PROFESSIONAL LAND SURVEYOR
MARYLAND NO. 21320

William M. Mason 5/14/07
TOLL MD V LIMITED PARTNERSHIP

THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MARKING OF THIS PLAN AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.



VICINITY MAP



COORDINATE CHART (NAD 83)

BOUNDARY COORDINATES		RIGHT-OF-WAY COORDINATES			
No.	EAST	No.	EAST		
1	579376.7725	1304661.5467	80	579921.2317	1305580.6264
2	578089.5052	1305274.8827	81	579856.4151	1305587.6131
3	578186.6367	1305516.3726	82	579521.8380	1305597.8566
4	578215.6234	130592.9867	84	579151.4440	1305805.7250
5	578248.3982	130595.6326	85	57849.8994	1305810.5624
6	578305.2652	130550.0425	100	578592.7242	1304991.4500
7	578473.7073	1305543.3151	101	578590.7129	1304976.2712
8	578504.5431	130552.7235	102	578613.2969	1304666.6502
9	578508.7574	130505.9852	103	577996.3473	1304638.3420
10	578520.1174	130543.5282	104	577969.1186	1304676.0549
11	578520.7831	130539.0296	105	578003.4825	1304871.6578
12	578535.6352	130526.3834	106	578027.3538	1304953.8633
13	578568.4363	130506.1438	107	578091.3059	1304962.9517
14	578582.4465	1305074.6018	108	578062.1429	1305145.9484
15	579122.3369	1305765.0707	109	578610.7266	1304975.6801
16	579341.0573	1305608.4745	110	578632.7802	1304694.0312
17	579520.3078	1305547.8800	111	578765.7010	1304713.0523
18	579878.5258	1305104.2786	112	578882.0093	1304625.7828
19	580032.1081	1306115.0982	114	580099.4929	1304817.6503
20	580668.3972	1306844.5728	148	581127.8227	1304910.7813
21	580886.1268	1306838.4457	150	581166.4315	1304649.5407
22	580921.3013	1306247.1921	151	581262.2000	1304865.5140
23	580931.6495	1305792.7225	152	580937.3145	1304936.1015
24	581110.3629	1305506.0547	153	581003.2868	1304828.7674
25	581381.7523	1306270.7682	154	580988.4282	1304828.7674
26	581573.6362	1305219.9538	155	581349.5158	1305015.1231
27	581441.1224	1304650.3222	158	581398.5756	1305122.3133
28	580350.7325	1304581.7900	159	581372.8982	1305051.2871
29	580550.4338	1304897.2031	160	581335.1998	1305292.5199
30	580051.7399	1304806.1594	161	581335.1998	1305292.5199
31	579625.4251	1304706.2470	162	581335.1998	1305292.5199
32	579695.7354	1304834.0002	163	581335.1998	1305292.5199
33	577929.3741	1304644.9076	164	581335.1998	1305292.5199
34	578222.2475	1305812.1440	165	581335.1998	1305292.5199
35	581871.6511	1306036.3121	166	581335.1998	1305292.5199
36	581717.4905	1305857.4230	167	581335.1998	1305292.5199
37	581740.3072	1307095.6493	168	581335.1998	1305292.5199
38	581739.8900	1307230.7169	169	581335.1998	1305292.5199
39	581068.1601	1307330.1935	170	581335.1998	1305292.5199

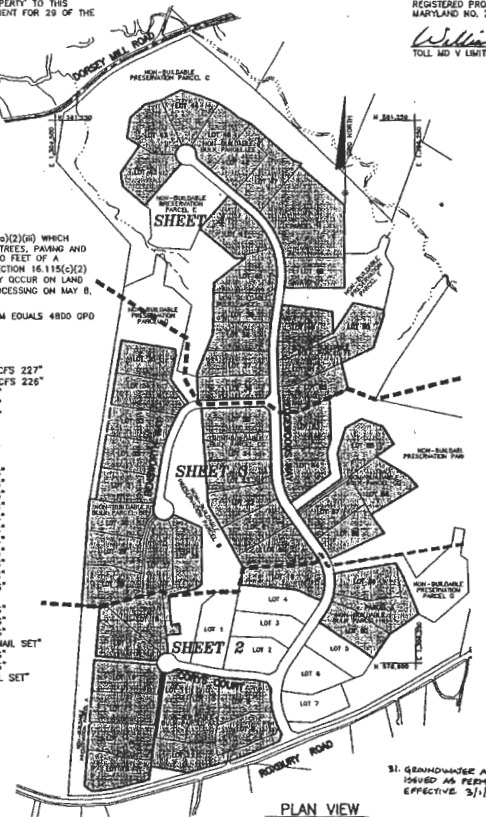
TRAVERSE CHART

1	578567.0547	1307172.7871	568.8700	TRY R+C CFS 227'
2	578632.7603	1306835.3194	568.7300	TRY R+C CFS 226'
3	578637.6794	1306451.5992	568.8400	TRAV R+C
4	479074.0246	1306449.7193	611.8300	TRAV R+C
5	578627.9430	1306657.0494	536.7502	TRAV R+C
6	578629.5662	1306059.4736	538.5000	TRAV R+C
7	580478.5258	1306104.2786	500.8719	TRAV R+C
8	580032.1081	1306115.0982	514.2161	TRAV R+C
9	580668.3972	1306844.5728	528.6989	TRAV R+C
10	580886.1268	1306838.4457	536.9912	TRAV R+C
11	580921.3013	1306247.1921	500.8719	TRAV R+C
12	580931.6495	1305792.7225	503.6743	TRAV R+C
13	581110.3629	1305506.0547	510.7883	TRAV R+C
14	581381.7523	1306270.7682	508.3920	TRAV R+C
15	581573.6362	1305219.9538	531.4180	TRAV R+C
16	581441.1224	1304650.3222	428.6639	TRAV R+C
17	580350.7325	1304581.7900	474.8099	TRAV R+C
18	580550.4338	1304897.2031	503.8681	TRAV R+C
19	580051.7399	1304806.1594	528.3332	TRAV R+C
20	579625.4251	1304706.2470	543.8789	TRAV R+C
21	579695.7354	1304834.0002	502.2577	TRAV R+C
22	577929.3741	1304644.9076	558.0017	TRAV R+C
23	578222.2475	1305812.1440	570.0037	TRAV R+C
24	581871.6511	1306036.3121	457.1823	TRAV R+C
25	581717.4905	1305857.4230	390.8849	TRAV PRONAL SET
26	581740.3072	1307095.6493	500.2040	TRAV R+C
27	581739.8900	1307230.7169	541.1748	TRAV R+C
28	581068.1601	1307330.1935	539.6667	TRAV NAL SET

BENCHMARK ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 418
ELICOTT CITY, MARYLAND 21043
phone: 410-465-6105 & fax: 410-465-8844
www.benchmarkengineering.com

PLAN VIEW



AREA TABULATION CHART

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED...	55
BUILDABLE...	53
OPEN SPACE...	0
BUILDABLE PRESERVATION PARCELS...	2
NON-BUILDABLE PRESERVATION PARCELS...	2
NON-BUILDABLE BULK PARCELS...	0
TOTAL AREA OF LOTS AND/OR PARCELS TO BE RECORDED	56.702 AC.
BUILDABLE...	N/A
BUILDABLE PRESERVATION PARCELS...	N/A
NON-BUILDABLE PRESERVATION PARCELS...	3.972 AC.
NON-BUILDABLE BULK PARCELS...	N/A
TOTAL AREA OF ROADWAY TO BE RECORDED (INCLUDING WIDENING STRIPS)	N/A
TOTAL AREA OF SUBDIVISION TO BE RECORDED	60.672 AC.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL OF LAND ACQUIRED BY TOLL MD V LIMITED PARTNERSHIP FROM EDGEWOOD FARM, INC. BY DEED DATED MAY 4, 2007 AND RECORDED IN LIBER 16477 AT FOLIO 45-61 AND THAT ALL NECESSARY EASEMENTS, RIGHTS-OF-WAY, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES ARE UNDER ALL ROADS AND STREET RIGHTS-OF-WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON. (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDINGS OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS 14TH DAY OF MAY, 2007.

MDR PLAT NO. 19266
RECEIVED JUL 27 2007
FOR RECORD

Donald Mason 5/16/07
DONALD A. MASON
REGISTERED PROFESSIONAL LAND SURVEYOR
MARYLAND NO. 21320

OWNER'S CERTIFICATE

"TOLL MD V LIMITED PARTNERSHIP, OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF APPROVAL OF THIS FINAL PLAN BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINAGE, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES; AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON. (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDINGS OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS 14TH DAY OF MAY, 2007.

William M. Mason 5/14/07
TOLL MD V LIMITED PARTNERSHIP
DATE: 5-14-07

RECORDED AS PLAT NO. _____
ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

EDGEWOOD FARM

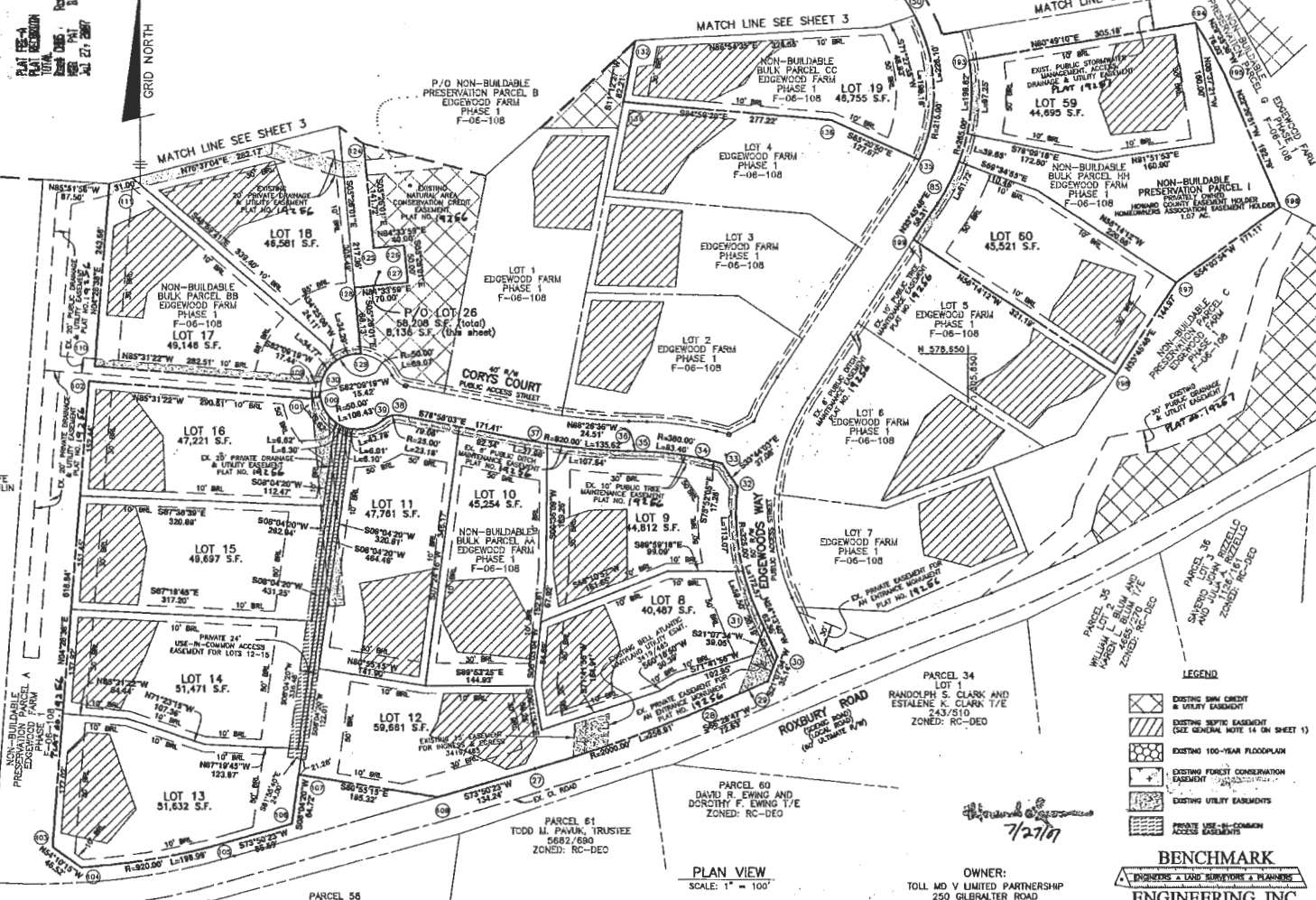
PHASE 2
LOTS 8 - 60 AND
NON-BUILDABLE PRESERVATION PARCELS 'H' AND 'I'
A RESUBDIVISION OF
NON-BUILDABLE BULK PARCELS 'AA'-'HH'
PLAT NOS. 19255 - 19261
SP-05-014 F-06-108 RE-06-10 WP-06-80 F-06-228

FOURTH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
TAX MAP: 21
GRID: 20
PARCEL: 90
ZONED: RC-DEO
DATE: MAY, 2007
SCALE: AS SHOWN
SHEET: 1 OF 4

Maryland State Archive

CURVE	RADIUS	ARC	DELTA	TANGENT	CHORD
27-28	2000.00'	256.91'	07°21'35"	128.63'	N70°09'35"E 256.73'
31-32	325.00'	172.57'	30°25'23"	88.37'	N09°00'58"E 170.55'
34-35	380.00'	83.40'	12°34'31"	41.87'	N82°09'21"W 83.24'
36-37	820.00'	135.62'	09°28'34"	67.96'	N83°42'20"W 135.46'
38-39	25.00'	23.18'	53°07'48"	12.50'	S74°28'03"W 22.36'
39-100	50.00'	108.43'	124°15'10"	94.54'	N69°58'16"W 88.40'
104-105	920.00'	198.99'	12°23'33"	99.89'	N80°02'09"E 198.60'
129-130	50.00'	69.07'	79°08'48"	41.32'	S55°18'24"W 63.71'
50-135	215.00'	226.10'	60°15'14"	124.77'	S05°28'28"E 215.82'
85-183	265.00'	198.62'	45°56'37"	104.24'	N12°17'29"E 194.00'

PLAT REVISION
 DATE: 5/18/02
 BY: DONALD A. MASON
 REASON: CORRECTED CURVE DATA



THE REQUIREMENTS § 3-100, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

Donald A. Mason 5/18/02
 DONALD A. MASON
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MARYLAND NO. 21320
 DATE: 5/18/02

William M. Allen 5/18/02
 WILLIAM M. ALLEN
 TOLL MD V LIMITED PARTNERSHIP
 DATE: 5/18/02

AREA TABULATION CHART

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED	14 and P/O 1
BUILDABLE	14
OPEN SPACE	0
BUILDABLE PRESERVATION PARCELS	0
NON-BUILDABLE PRESERVATION PARCELS	1
NON-BUILDABLE BULK PARCELS	0
TOTAL AREA OF LOTS AND/OR PARCELS TO BE RECORDED	16,551± AC.
BUILDABLE	15,581± AC.
OPEN SPACE	N/A
BUILDABLE PRESERVATION PARCELS	N/A
NON-BUILDABLE PRESERVATION PARCELS	1.07± AC.
NON-BUILDABLE BULK PARCELS	N/A
TOTAL AREA OF ROADWAY TO BE RECORDED (INCLUDING WIDENING STRIPS)	N/A
TOTAL AREA OF SUBDIVISION TO BE RECORDED	16,651± AC.

APPROVED: FOR PRIVATE WATER, PRIVATE SEWER AND SHARED SEPTIC SYSTEMS, USE OF THE SHARED SEWERAGE SYSTEM IS IN CONFORMANCE WITH THE COUNTY PLAN, HOWARD COUNTY HEALTH DEPARTMENT

Peter Beilerman 6/18/2007
 HOWARD COUNTY HEALTH OFFICER
 DATE: 6/18/2007

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Mark L. Coyle 7/26/07
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE: 7/26/07

Donald A. Mason 5/18/02
 DONALD A. MASON
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MARYLAND NO. 21320
 DATE: 5/18/02

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL OF LAND ACQUIRED BY TOLL MD V LIMITED PARTNERSHIP FROM EDGEWOOD FARM, INC. BY DEED DATED MAY 4, 2007, AND RECORDED IN LIBER 10477 AT FOLIO 4-4, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE ROADS BY HOWARD COUNTY, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

MDR PLAT NO. 19267
RECEIVED JUL 27 2007
FOR RECORD

Donald A. Mason 5/18/02
 DONALD A. MASON
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MARYLAND NO. 21320
 DATE: 5/18/02

OWNER'S CERTIFICATE

TOLL MD V LIMITED PARTNERSHIP, OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES, AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS 14TH DAY OF MAY, 2007.

William M. Allen 5/18/02
 WILLIAM M. ALLEN
 TOLL MD V LIMITED PARTNERSHIP
 DATE: 5/18/02

MINIMUM LOT SIZE CHART

LOT NO.	GROSS AREA	PIPESTEE AREA	MINIMUM LOT SIZE
12	59,661	1,825	57,736
13	51,632	2,592	49,047
14	51,471	1,570	49,901
15	49,897	684	49,033

RECORDED AS PLAT NO. _____
 ON _____ AMONG THE LAND
 RECORDS OF HOWARD COUNTY, MARYLAND.

EDGEWOOD FARM
PHASE 2
LOTS 8 - 60 AND
NON-BUILDABLE PRESERVATION PARCELS 'H' AND 'I'
 A RESUBDIVISION OF
 NON-BUILDABLE BULK PARCELS 'AA'-'HH'
 PLAT NOS. 19255 - 19261
 SP-05-014 F-06-108 RE-06-10

FOURTH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
 TAX MAP: 21
 GRID: 22
 PARCEL: 90
 ZONED: RC-DEO

SCALE: AS SHOWN
 DATE: MAY, 2007
 SHEET: 2 OF 4

LEGEND

- EXISTING BULK CREDIT & UTILITY EASEMENT
- EXISTING SEPTIC EASEMENT (SEE GENERAL NOTE 14 ON SHEET 1)
- EXISTING 100-YEAR FLOODPLAIN
- EXISTING FLOOD PREVENTION EASEMENT
- EXISTING UTILITY EASEMENTS
- PRIVATE USE-IN-COMMON ACCESS EASEMENTS

BENCHMARK
 ENGINEERING, INC.
 8450 BALTIMORE NATIONAL PIKE A SUITE 418
 ELICOTT CITY, MARYLAND 21043
 phone: 410-465-8105 A fax: 410-465-5644
 www.dave-clavin-engineering.com

CURVE DATA TABLE					
CURVE	RADIUS	ARC	DELTA	TANGENT	CHORD
51-52	325.00'	192.00'	33°50'52"	98.89'	N18°40'39"W 189.22'
120-61	50.00'	143.47'	164°24'08"	365.00'	N73°04'00"W 99.08'
62-63	520.00'	137.47'	15°08'49"	69.14'	N16°42'28"E 137.07'
64-119	120.00'	137.47'	38°45'35"	42.21'	S43°39'40"W 79.64'
84-179	275.00'	146.15'	30°26'58"	74.84'	S16°58'42"E 144.43'
84-192	265.00'	48.36'	10°27'22"	24.25'	S30°22'24"W 48.29'

PLAT AREA
TOTAL AREA
DATE

GRID NORTH
E. 1,120,600
N. 579,250

PARCELS 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

THE REQUIREMENTS § 3-106, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

Donald A. Mason 5/6/07
DONALD A. MASON
REGISTERED PROFESSIONAL LAND SURVEYOR
MARYLAND NO. 21320

William M. Huber 5/14/07
WILLIAM M. HUBER
TOLL MD V LIMITED PARTNERSHIP

AREA TABULATION CHART

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED	21 and P/O 1
BUILDABLE	0
OPEN SPACE	0
BUILDABLE PRESERVATION PARCELS	0
NON-BUILDABLE PRESERVATION PARCELS	0
NON-BUILDABLE BULK PARCELS	0
TOTAL AREA OF LOTS AND/OR PARCELS TO BE RECORDED	23.44± AC.
BUILDABLE	N/A
OPEN SPACE	N/A
BUILDABLE PRESERVATION PARCELS	N/A
NON-BUILDABLE PRESERVATION PARCELS	N/A
NON-BUILDABLE BULK PARCELS	N/A
TOTAL AREA OF ROADWAY TO BE RECORDED (INCLUDING WIDENING STRIPS)	N/A
TOTAL AREA OF SUBDIVISION TO BE RECORDED	23.44± AC.

APPROVED: FOR PRIVATE WATER, PRIVATE SEWER AND SHARED SEPTIC SYSTEMS, USE OF THE SHARED SEWERAGE SYSTEM IS IN CONFORMANCE WITH THE COUNTY PLAN, HOWARD COUNTY HEALTH DEPARTMENT.

Brian Peter Baileason MD 6/8/2007
HOWARD COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

William M. Huber 5/14/07
CHIEF, DEVELOPMENT ENGINEERING DIVISION

Perth K. Ayer 5/24/07
DIRECTOR

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL OF LAND ACQUIRED BY TOLL MD V LIMITED PARTNERSHIP FROM EDGEWOOD FARM, INC. BY DEED DATED MAY 4, 2007, AND RECORDED IN LIBER 10477 AT FOLIO 461 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE ROADS BY HOWARD COUNTY, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

MDR PLAT NO. 19268
RECEIVED JUL 27 2007
FOR RECORD

Donald A. Mason 5/8/07
DONALD A. MASON
REGISTERED PROFESSIONAL LAND SURVEYOR
MARYLAND NO. 21320

OWNER'S CERTIFICATE

TOLL MD V LIMITED PARTNERSHIP, OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS 14th DAY OF MAY, 2007.

William M. Huber 5/14/07
TOLL MD V LIMITED PARTNERSHIP

EDGEWOOD FARM PHASE 2
LOTS 8, 60 AND NON-BUILDABLE PRESERVATION PARCELS 'H' AND 'I'

A RESUBDIVISION OF NON-BUILDABLE BULK PARCELS 'A'-'HH' PLAT NOS. 142, 55 - 192, 61 SP-05-014 F-06-108 RE-06-10

FOURTH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
TAX MAP: 21
GRID: 22
PARCEL: 90
ZONED: RC-DEO

SCALE: AS SHOWN
DATE: MAY, 2007
SHEET: 3 OF 4

MINIMUM LOT SIZE CHART

LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
28	53,280	3,406	49,784
29	46,266	1,603	44,663
35	46,162	2,941	43,221
55	50,563	3,273	47,290
58	53,673	3,674	49,999

BENCHMARK ENGINEERING, INC.
ENGINEERS & LAND SURVEYORS & PLANNERS
8480 BALTIMORE NATIONAL PIKE A SUITE 418
ELIJAH CITY, MARYLAND 21043
PHONE: 410-455-5105 A FAX: 410-455-8544
WWW.BEL-CIVILENGINEERING.COM

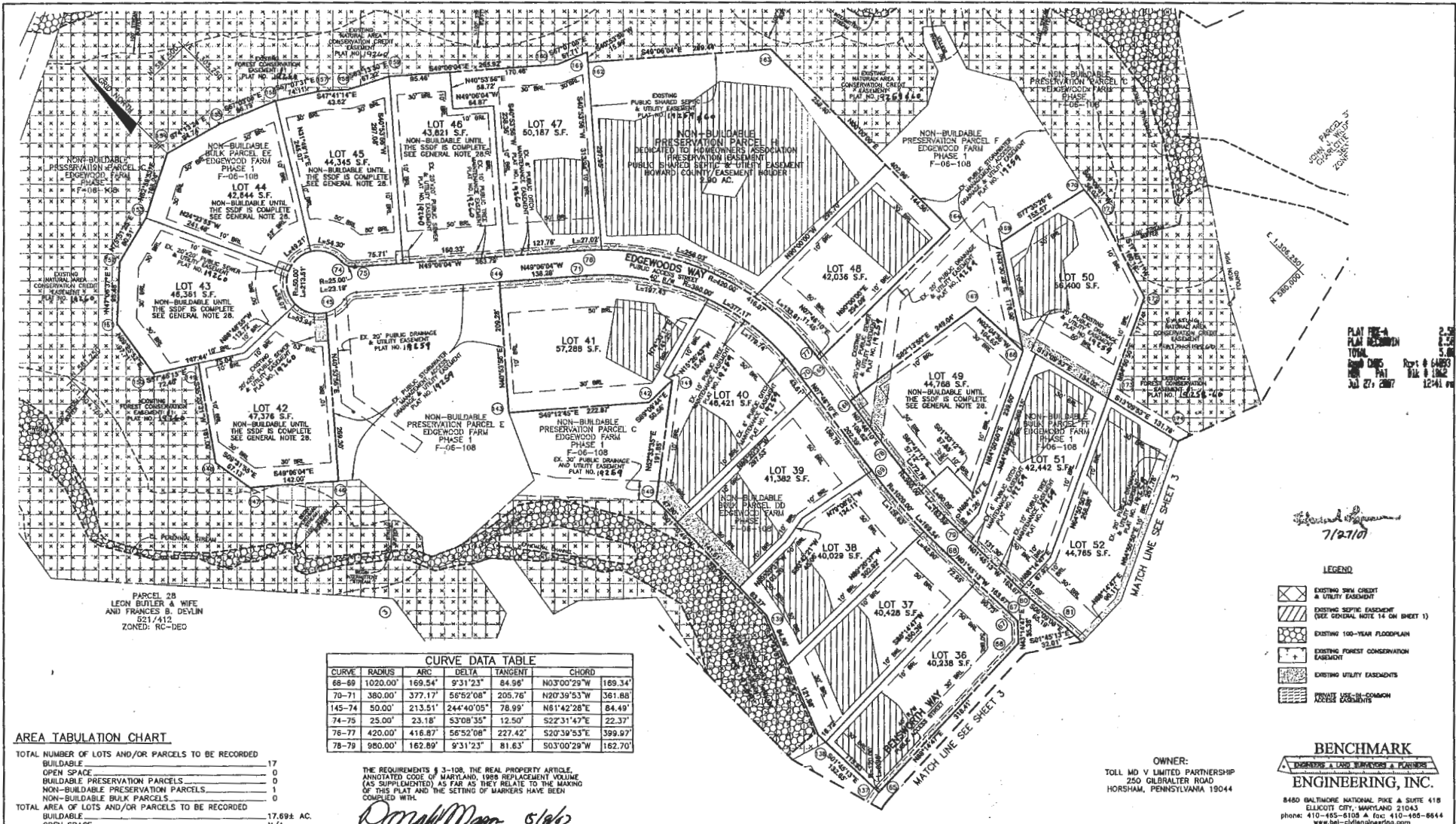
OWNER: TOLL MD V LIMITED PARTNERSHIP
250 GILBERTER ROAD
HORSHAM, PENNSYLVANIA 19044

LEGEND

[Symbol]	EXISTING SWM CREDIT & UTILITY EASEMENT
[Symbol]	EXISTING SEPTIC EASEMENT (SEE GENERAL NOTE 14 ON SHEET 1)
[Symbol]	EXISTING 100-YEAR FLOODPLAIN
[Symbol]	EXISTING FOREST CONSERVATION EASEMENT
[Symbol]	EXISTING UTILITY EASEMENTS
[Symbol]	PRIVATE USE-IN-COMMON ACCESS EASEMENTS

Maryland State Archives

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 Match Line See Sheet 3
 Match Line See Sheet 3



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7/2/07

- LEGEND**
- EXISTING SWN CREDIT OR UTILITY EASEMENT
 - EXISTING SEPTIC EASEMENT
 - EXISTING 100-YEAR FLOODPLAIN
 - EXISTING FOREST CONSERVATION EASEMENT
 - EXISTING UTILITY EASEMENTS
 - PRIVATE USE-IN-COMMON

AREA TABULATION CHART

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED	17
BUILDABLE	0
OPEN SPACE	0
BUILDABLE PRESERVATION PARCELS	0
NON-BUILDABLE PRESERVATION PARCELS	0
NON-BUILDABLE BULK PARCELS	1
TOTAL AREA OF LOTS AND/OR PARCELS TO BE RECORDED	20.592 AC.
BUILDABLE	0.000 AC.
OPEN SPACE	0.000 AC.
BUILDABLE PRESERVATION PARCELS	0.000 AC.
NON-BUILDABLE PRESERVATION PARCELS	2.904 AC.
NON-BUILDABLE BULK PARCELS	17.688 AC.
TOTAL AREA OF ROADWAY TO BE RECORDED (INCLUDING WIDENING STRIPS)	N/A
TOTAL AREA OF SUBDIVISION TO BE RECORDED	20.592 AC.

CURVE DATA TABLE

CURVE	RADIUS	ARC	DELTA	TANGENT	CHORD
68-69	1020.00'	169.54'	9°31'23"	84.96'	N07°00'29"W 189.34'
70-71	380.00'	377.17'	56°52'08"	205.76'	N20°39'53"W 361.88'
145-74	50.00'	213.51'	244°40'05"	78.99'	N61°42'28"E 84.49'
74-75	25.00'	23.18'	53°08'35"	12.50'	S22°31'47"E 22.37'
76-77	420.00'	416.87'	56°52'08"	227.42'	S20°39'53"E 399.97'
78-79	980.00'	162.89'	9°31'23"	81.63'	S03°00'29"W 162.70'

THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAN AND THE SETTING OF MARKERS HAVE BEEN
Donald Mason 5/16/07
 DONALD A. MASON
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MARYLAND NO. 21320
William M. Hobbs 5/14/07
 WILLIAM M. HOBBS
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MARYLAND NO. 21320

PLAN VIEW
SCALE: 1" = 100'

MINIMUM LOT SIZE CHART

LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
50	56,400 S.F.	9,959 S.F.	48,441 S.F.

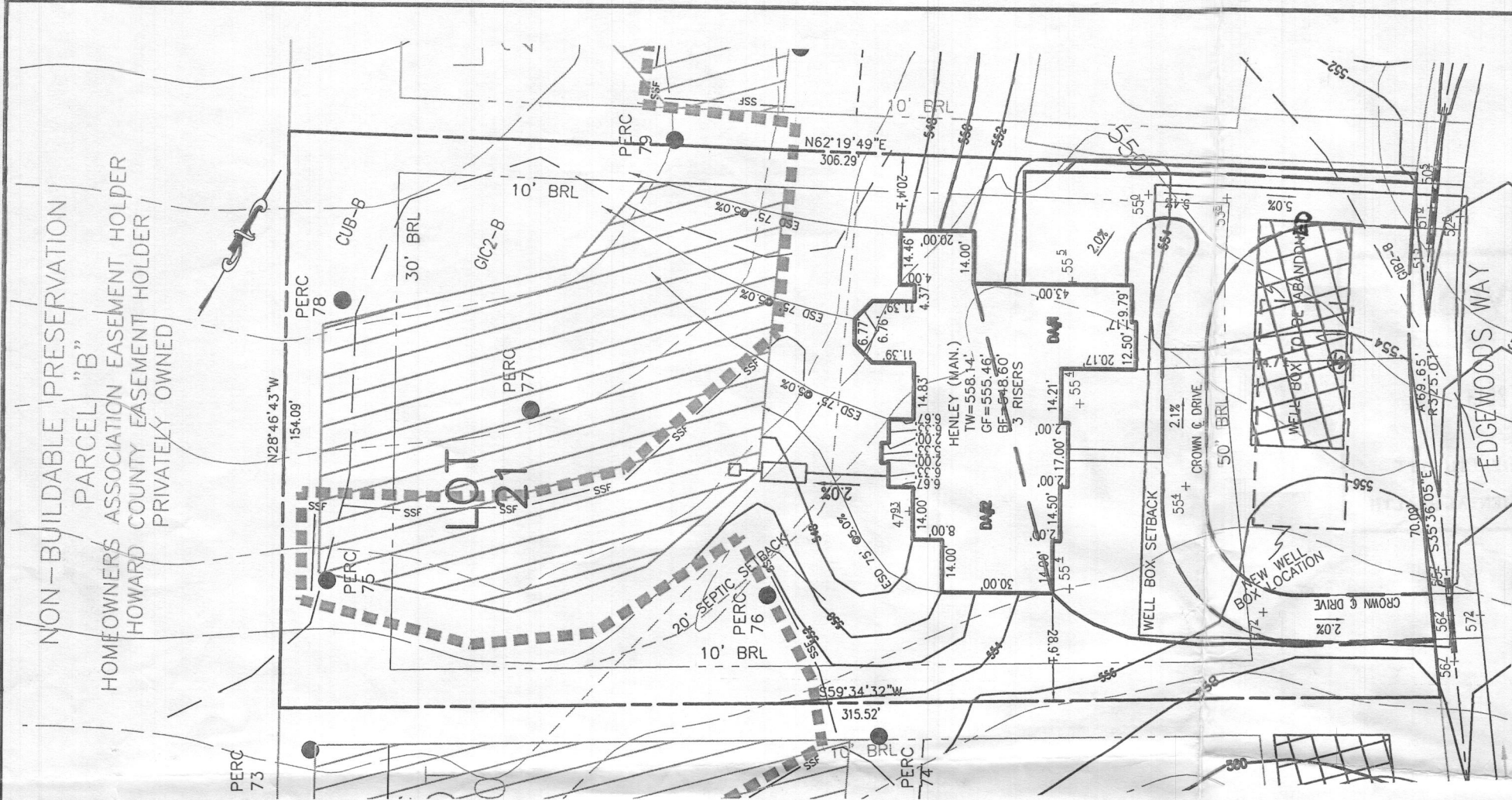
APPROVED: FOR PRIVATE WATER, PRIVATE SEWER AND SHARED SEPTIC SYSTEMS USE OF THE SHARED SEWERAGE SYSTEM IS IN CONFORMANCE WITH THE COUNTY PLAN, HOWARD COUNTY HEALTH DEPARTMENT
William M. Hobbs 5/14/07
 HOWARD COUNTY HEALTH OFFICER
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Donald Mason 7/6/07
 CHIEF DEVELOPMENT ENGINEERING DIVISION
Paul A. Weger 7/2/07
 DIRECTOR

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL LAND ACQUIRED BY TOLL MD V LIMITED PARTNERSHIP FROM EDGEWOOD FARM, INC. BY DEED DATED MAY 4, 2007 AND RECORDED IN LIBER 10077 AT FOLIO 461 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE ROADS BY HOWARD COUNTY, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.
MDR PLAT NO. 19269
RECEIVED JUL 27 2007
FOR RECORD
Donald Mason 5/16/07
 DONALD A. MASON
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MARYLAND NO. 21320

OWNER'S CERTIFICATE
 "TOLL MD V LIMITED PARTNERSHIP, OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF APPROVAL OF THIS FINAL PLAN BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINAGE, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS 14TH DAY OF MAY, 2007.
William M. Hobbs 5/14/07
 TOLL MD V LIMITED PARTNERSHIP

BENCHMARK ENGINEERING, INC.
 1880 BALTIMORE NATIONAL PIKE & SUITE 118
 ELICOTT CITY, MARYLAND 21043
 phone: 410-485-8108 x Fax: 410-465-8644
 www.benchmarkeng.com
RECORDED AS PLAT NO. _____
ON _____ AMONG THE LAND
RECORDS OF HOWARD COUNTY, MARYLAND.
EDGEWOOD FARM
PHASE 2
LOTS 8 - 60 AND
NON-BUILDABLE PRESERVATION PARCELS 'H' AND 'Y'
A RESUBDIVISION OF
NON-BUILDABLE BULK PARCELS 'AA'-'HH'
PLAT NOS. 19255 - 19261
SP-05-014 F-08-108 RE-06-10
 FOURTH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
 TAX MAP: 21
 GRID: 22
 PARCEL: 80
 ZONED: RC-DEO
 SCALE: AS SHOWN
 DATE: MAY, 2007
 SHEET: 4 OF 4

P141066
 F-07-054 225 3910-4



TYPE: HENLEY (MANOR)
 FINISHED LOWER LEVEL
 WALKOUT BASEMENT
 CONSERVATORY ELITE ADDITION
 ADD'L 1' TO HEIGHT OF BASEMENT
 BATH FOR FINISHED LOWER LEVEL
 NAPLES SUNROOM
 HORSESHOE DRIVE

OPTION No. 013
 OPTION No. 017
 OPTION No. 039
 OPTION No. 070
 OPTION No. 383
 OPTION No. 529
 OPTION No. 9001

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

NOTE: GOVERNORS DRIVE WILL REQUIRE A PERC CERT REVISION TO MOVE WELL BOX (GOVERNORS DRIVE AND REVISED WELL BOX LOCATON DASHED IN)

RIGHT HANDED HOUSE FORCES DRIVE ON LOW SIDE, REQUIRING THE WALK OUT TO BE LIMITED TO RIGHT BEHIND THE GARAGE, ALSO REQUIRES ADDITIONAL RISERS IN GARAGE.



DRIVE WAY CULVERTS ARE EXISTING PER PREVIOUSLY APPROVED PLAN
 APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

B. Nijon for Maurea Rossman 8/13/13
 COUNTY HEALTH OFFICER DATE *rob 2u 13g*

GENERAL NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON MAY 2, 2006 AS PLAT NUMBER 19268. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED EASEMENT PLAT SHALL NOT BE NECESSARY.
3. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
4. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
5. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER F-06-108 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
6. STORMWATER MANAGEMENT FOR THIS LOT AS SHOWN.
7. THE EXISTING WELL (TAG NO. HO-95-0778) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY ESE CONSULTANTS.
8. TOPOGRAPHIC INFORMATION ESTABLISHED AT TWO FOOT INTERVALS BASED ON FIELD RUN TOPO BY ESE CONSULTANTS.

PERC CERTIFICATE NOTES:

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
3. ANY CHANGES TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

PURPOSE NOTE: PERCOLATION CERTIFICATION REVISION IS TO MOVE WELL BOX TO ALLOW THE HORSE SHOE DRIVE. THE CHANGE DOES NOT ENCRONCH ON NEIGHBORING WELL OR SEPTIC SETBACKS. EXISTING WELL IS LOCATED WITHIN THE PROPOSED LOCATION.

INV. @ HOUSE	545.5
GROUND @ INV. @ HOUSE	547.7
INV. IN TANK	545.0
INV. OUT TANK	544.7
TOP OF TANK	545.7
GROUND OVER TANK	548.0
INV. IN DIST. BOX	544.6
INV. OUT DIST. BOX	544.3
GROUND @ BOX	548.0

ADDRESS: 14529 EDGEWOODS WAY
 GLENELG MD

PERCOLATION
 CERTIFICATION
 AND
 PLOT PLAN
 LOT #21

EDGEWOOD FARM

LIBER 4174, FOLIO 0436
 PLAT No. 19268, et seq
 FOURTH ELECTION DISTRICT



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: 08/04/13 SCALE: 1"=40' FILE: LOT 21 PP HENLEY MANOR
 CHK'D: MJB JOB#: 1498 DRAWN: JLN



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: 2-6-14

Permit No.: B14000362

Building Address: 14529 Edgewoods way
 City: Aer Elg State: MD Zip Code: 21737
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: Edgewood Farm
 Section: _____ Area: _____ Lot: 21
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: SFD
 Proposed Use: SFD w/tank
 Estimated Construction Cost: \$ 8000
 Description of Work: Install 1000 GAL under ground propane tank
 Occupant or Tenant: Owner
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: Toll MD V Limited
 Address: 7164 Columbia Gateway Dr
 City: Columbia State: MD Zip Code: 21046
 Phone: _____ Fax: _____
 Email: _____

Applicant's Name & Mailing Address (if other than stated herein)
 Applicant's Name: Jeremy Clancy
 Address: PO Box 1257
 City: Sikesville State: MD Zip Code: 21784
 Phone: 410-340-2299 Fax: _____
 Email: Jeremy@appliedandapproved.com

Contractor Company: Valley National Gas
 Contact Person: William Henry
 Address: 7201 Monte Vido Rd
 City: Jessup State: MD Zip Code: 20794
 License No.: 627293
 Phone: 410-799-1114 Fax: _____
 Email: _____

Engineer/Architect Company: Contractor
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	<u>Depth</u>	<u>Width</u>
Gross area, sq. ft./floor:	1 st floor:	
	2 nd floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Jeremy Clancy
 Print Name: Jeremy Clancy
 Email Address: Jeremy@appliedandapproved.com
 Title/Company: Permit
 Date: 2/6/14

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

PLEASE WRITE NEATLY & LEGIBLY
FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>2/18/14</u>	<u>Andres Garcia</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION

Front: _____
 Rear: _____
 Side: _____
 Side St.: _____

All minimum setbacks met? Yes No
 Is Entrance Permit Required? Yes No
 Historic District? Yes No
 Lot Coverage for New Town Zone: _____
 SDP/Red-line approval date: _____

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$ <u>110</u>
Sub-Total Paid	\$
Balance Due	\$
Check #	<u>3467</u>



Plans on File

Building Permit Application
Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

Date Received: 6/24/13
Permit No.: B13002525

Building Address: 14529 Edgewoods Way
City: Gaithersburg State: MD Zip Code: 20878
Suite/Apt. #: SDP/WP/BA #:
Census Tract: Subdivision: Edgewood Farm
Section: Area: Lot: 21
Tax Map: Parcel: Grid:
Zoning: Map Coordinates: Lot Size:

Existing Use: Vacant lot
Proposed Use: Residential Home
Estimated Construction Cost: \$ 550,000
Description of Work: Walkway - Sunroom,
expanded Sunrly km, first floor
suite.

Occupant or Tenant:
Was tenant space previously occupied? Yes No
Contact Name:
Address:
City: State: Zip Code:
Phone: Fax:
Email:

Property Owner's Name: Toll MD V LP
Address: 14540 Edgewoods Way
City: Gaithersburg State: MD Zip Code: 20878
Phone: 410-848-2275 Fax:
Email:

Applicant's Name & Mailing Address, (if other than stated herein)
Applicant's Name:
Address:
City: State: Zip Code:
Phone: Fax:
Email:

Contractor Company: Toll MD V LP
Contact Person: Nathan Brandenburg
Address: 14540 Edgewoods Way
City: Gaithersburg State: MD Zip Code: 20878
License No.: 3630
Phone: 410-489-2275 Fax:
Email: Nbrandenburg@TollBrothersInc.com

Engineer/Architect Company: ESE
Responsible Design Prof.: Mike Boyce
Address: 7164 Columbia Gateway Dr. #230
City: Columbia State: MD Zip Code: 21046
Phone: 410-365-4175 Fax:
Email: Mboyce@ESEENG.COM

Commercial Building Characteristics / Residential Building Characteristics
Height: SF Dwelling SF Townhouse
No. of stories: Depth Width
Gross area, sq. ft./floor: 1st floor: 76' 88'
2nd floor: 76' 88'
Area of construction (sq. ft.): Basement: 76' 88'
Use group: Finished Basement Unfinished Basement
Construction type: Reinforced Concrete Structural Steel Masonry Wood Frame State Certified Modular
No. of Bedrooms: 5
Multi-family Dwelling
No. of efficiency units:
No. of 1 BR units:
No. of 2 BR units:
No. of 3 BR units:
Other Structure:
Dimensions:
Footings:
Roof:
State Certified Modular
Manufactured Home

Utilities
Water Supply: Public Private
Sewage Disposal: Public Private
Electric: Yes No
Gas: Yes No
Heating System: Electric Oil Natural Gas Propane Gas Other
Sprinkler System: Yes No
Grading Permit Number: G07000150
Building Shell Permit Number:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION UNTIL HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.
Applicant's Signature: Nbrandenburg@TollBrothersInc.com
Print Name: Nathan Brandenburg
Date: 6/24/13 JUN 24 2013
Title/Company: Toll Brothers Inc.
LICENSES & PERMITS DIVISION

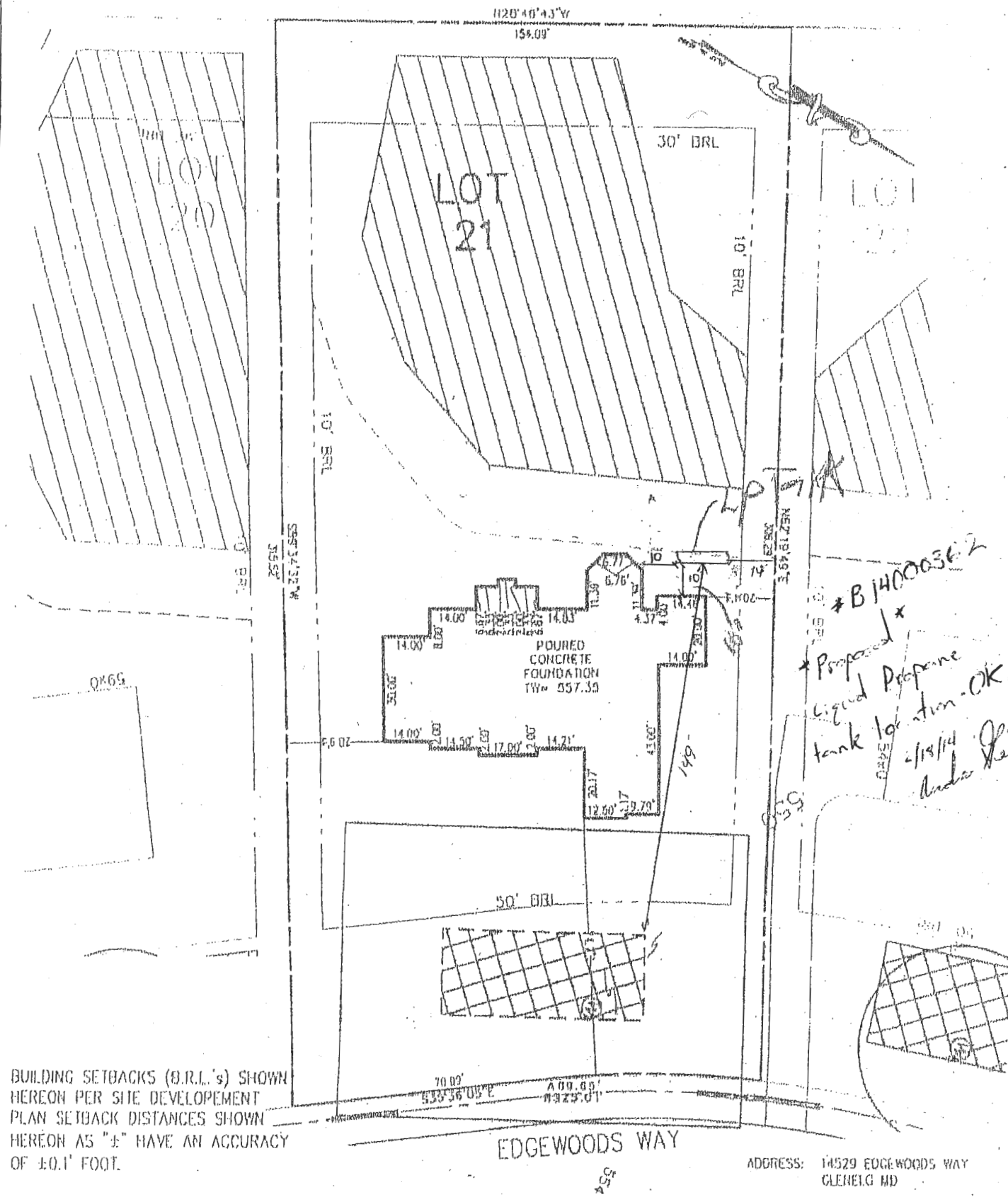
Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY
FOR OFFICE USE ONLY

AGENCY DATE SIGNATURE OF APPROVAL
State Highways
Building Officials
PSZA (Zoning)
PSZA (Engineering)
Health
Is Sediment Control approval required for this project? Yes No
CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? Yes No
Is Entrance Permit Required? Yes No
Historic District? Yes No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee \$ 100.00
Permit Fee \$
Tech Fee \$
Excise Tax \$
PSFS \$
Guaranty Fund \$ 50.00
Add'l per Fee \$
Total Fees \$
Sub-Total Paid \$
Balance Due \$
Check # 09290632

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



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

ADDRESS: 14529 EDGEWOODS WAY
GLENELD MD

SURVEYOR'S NOTE

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: MICHAEL FOR DOVCE
NO. LIC NO. 21328
DATE 09/20/13

WALL_CHECK
LOT #21
EDGEWOOD_FARM
LIBER_4174_FOLIO_0436
PLAT_NO_19268
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: 09/20/13 SCALE: 1"=40' FILE: LOT_21WC
CHK'D: MJB JOB#: 1498 DRAIN: MJB

