



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P 526195

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) JOHN LEVINE

DAYTIME PHONE (410) 312 - 7970 CELL _____ FAX _____

MAILING ADDRESS 4305 PLEASANT PATH ELLCOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

APPLICANT CLSI

DAYTIME PHONE (301) 662 - 1799 CELL _____ FAX _____

MAILING ADDRESS 8445 PROGRESS DR FREDERICK MD 21701
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME LEVINE PROPERTY LOT NO. 1

PROPERTY ADDRESS 4255 LINTHICUM RD.
STREET TOWN/POST OFFICE

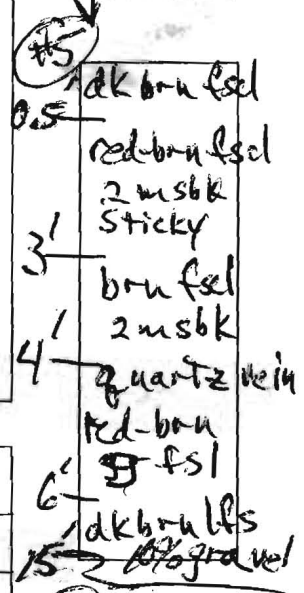
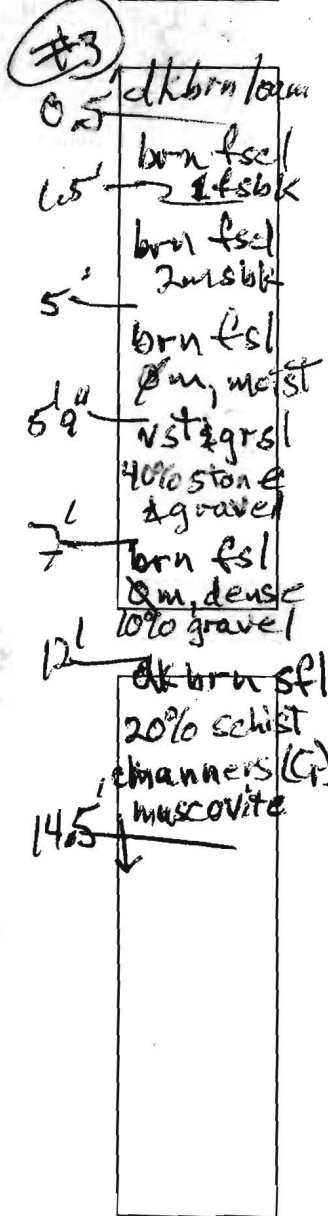
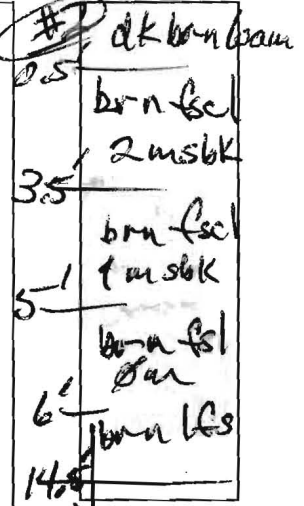
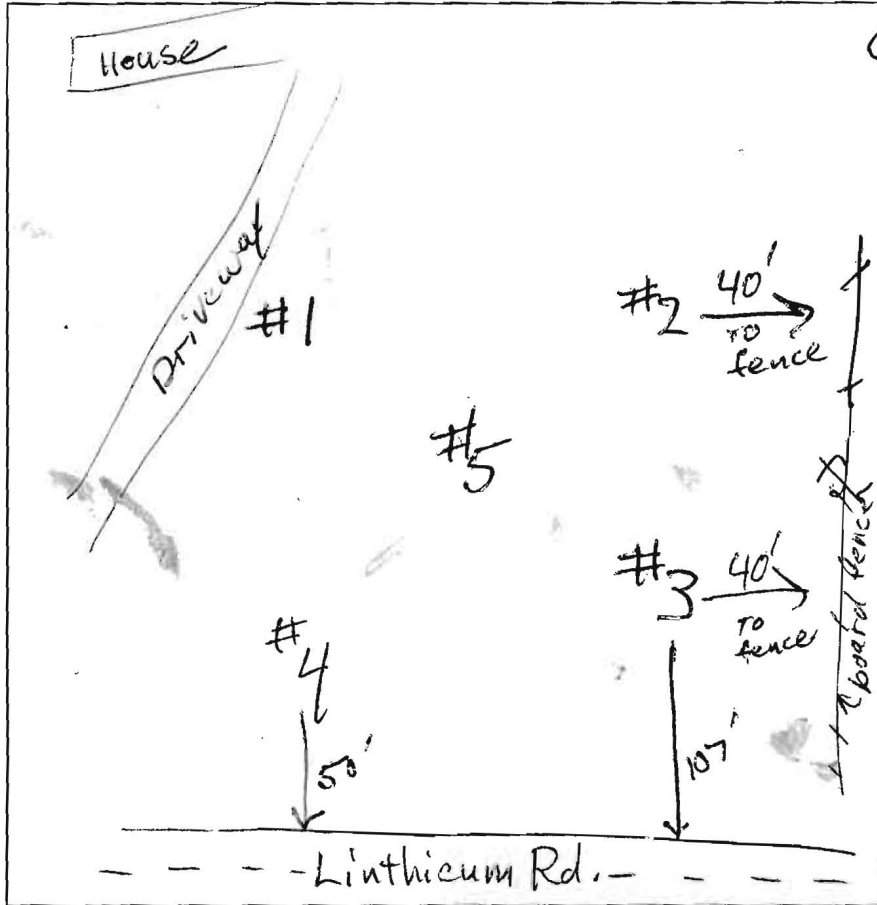
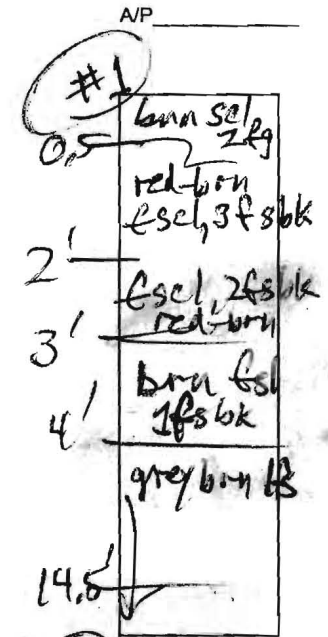
TAX MAP PAGE(S) 22 GRID 18 PARCEL(S) 217 PROPOSED LOT SIZE 3 1/2 AC +/-

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

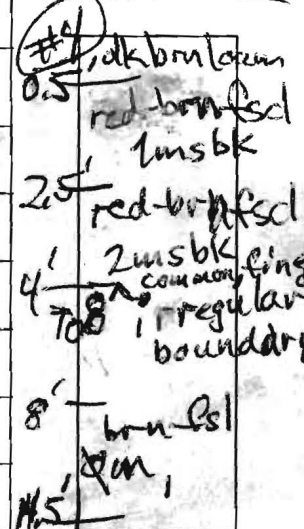
TEST RESULTS WILL BE MAILED TO APPLICANT. [Signature]
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Lot 1



| DATE | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2ND INCH | P/F/H |
|------|--------|--------------|-------|---------------|--------------|------------------|-------|
| 3/19 | 1 | 5.5' / 14.5' | 0 | 2.5min | 6min | 3.5min | P |
| 3/19 | 2 | 7' / 14.5' | 0 | 4min | 11min | 7min | P |
| 3/19 | 5 | 7' / 15' | 0 | 5.5min | 15.5min | 10min | P |
| 3/19 | 3 | 9' / 14.5' | 0 | 6min | 16min | 10min | P |
| 3/19 | 4 | 9' / 14.5' | 0 | 5.5min | 13.5min | 8min | P |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



REMARKS initial / system specs given below

SANITARIAN RB BACKHOE Donnie/Kenny OTHERS Tracey

TEST HOLES USED IN SDA 1/2 for initial (repair) system AVS. PERC TIME 5.3 min SQ. FT/BR 12.5

TRENCH WIDTH 3 INLET DEPTH 5 MAX. BOT DEPTH 7 EFFECTIVE SW 1'



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

March 22, 2007

John Levine
4305 Pleasant Path
Ellicott City, Maryland 21043

RE: PERCOLATION TEST RESULTS, 4255 LINTHICUM ROAD, A-526195

Dear Mr. Levine,

Percolation testing was conducted on the subject property on March 19, 2007. Field data collected are shown on two Percolation Test Worksheets enclosed with this letter. Recommended Inlet and Trench Bottom Depths, and Usable Sidewall are provided for subsequent system design, and all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested.

Percolation test results indicated soil conditions that are satisfactory for onsite wastewater disposal. Soil properties varied somewhat between the easements for Lots 1 and 2, and within each easement. As a result, there are differences in maximum Trench Bottom Depths, recommended Trench Widths, and Linear Feet of Trench required per bedroom. These data are included on Septic Specifications Worksheets for each proposed lot, and will be maintained in Health Department file (4255 Linthicum Road, A-526195) for this project.

Unsatisfactory topographic condition effects the location of the easement on Lot 2. The easement boundary must be setback 25 feet from the swale centerline. Therefore, Perc Test location #7 cannot be included within the easement boundaries on Lot 2. Perc Test locations #8 and #9 were relocated uphill, 35 feet and 20 feet, respectively, so that adequate area (10,000 sq.ft.) could be proven for the easement.

The existing well was not observed as the well casing terminates beneath the earth surface. Its location was indicated as being beneath a patio on the back side of the house (opposite Linthicum Road). The indicated location is 18 feet from the outside wall of the residence. This well must be replaced (and properly abandoned) before the record plat can be approved. A note concerning this requirement will appear on the Percolation Certification Plan.

A surface flow emerging from the downhill side of the existing dry well is readily observable indicating that the wastewater disposal system for the existing residence is failing. A new system must be installed (and the existing system abandoned). It is recommended that the Percolation Certification Plan be approved before this repair occurs. However, the failing system must be replaced before the record plat can be approved, and a note concerning this requirement will appear on the Percolation Certification Plan.

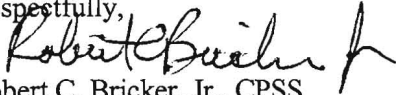
The existing septic tank and dry well are to be abandoned at time of installation of the new septic system. A new septic tank will be located beyond regulated setbacks for the existing residence, the existing (to be abandoned) well, and the proposed new wells for Lots 1 and 2. The capacity of the new tank is required to be 1500 gallons for a residence having 1500 to 3500 square feet, or 2000 gallons for residence having greater than 3500 square feet.

Recommendations concerning the new drainfield for the existing residence (re: initial system for proposed Lot 1 easement) are as follows: Distribution Box placed at northeast corner of septic easement; Trench Width, 3 feet; Inlet Depth, 5 feet; with 2 feet of gravel to Maximum Bottom Depth 7 feet; 70 Linear Feet per Bedroom (as credit is given for 1 foot of Usable Sidewall in the trench).

Gravity flow from the septic tank to the drainfield is preferred. However, if the gradient from the structure sewer out to the drainfield is not conducive to gravity flow, a system to pump the effluent to the distribution box will be required.


Further review of this proposal is contingent upon submission of a Percolation Certification Plan that meets state and county requirements. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2691.

Respectfully,



Robert C. Bricker, Jr., CPSS
Well and Septic Program
Development Coordination Section

Enclosure

CC: Linda Donoff, CLSI
File 



Howard County
Health Department

Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

September 19, 2008

Jon Levine
4305 Pleasant Path
Ellicott City, Maryland 21043

**RE: Well connection and well abandonment, and well drilling.
4255 Linthicum Road, Tax Map 22 Grid 19 Parcel 217**

Dear Mr. Levine:

An Application for Permit to Drill Well on proposed Lot 2 at the subject property has been received by the Well and Septic Program. A review of documents concerning well and septic activities on the subject property has been conducted. A permit to drill another well on the subject property will not be approved at this time.

On December 22, 2007, an Application for Permit to Drill Well was submitted to this office by Fogle's Well Drilling. "Reported to be out of water" "12/28/07" is cited on that application. In effect, this became an application to drill an emergency replacement well for the residence. A Special Condition entry on the submitted application form indicates that the existing well must be abandoned.

During the site evaluation related to the application for a well permit, the septic system that serves the residence was observed as a source of environmental contamination, and that this condition had existed for several months after being brought to your attention by an Environmental Sanitarian on March 19, 2007. The Bureau of Environmental Health issued a Notice-of-Violation on January 18, 2008. The septic system repair was completed subsequent to establishment of a well having an approvable yield (greater than 1 gallon per minute). Due to conditions of the property (proposed Lot 1) design, the most efficient and practical location for the Septic Tank and Pump Tank was within the 100-foot setback (but beyond the 25-foot setback) of the well that was to be abandoned.

The Well Completion Report for the new well (HO-95-1371) has not been approved, and will not be approved, until the Special Condition on the permit application is fulfilled. Precluding the required abandonment of the well assumed to currently serve the residence, the new well must be connected, and the Health Department will complete documentation of proper installation of the

pitless adapter and the water house connection. After connection of the new well, a water sample from a tap inside the residence must meet regulated water quality standards.

When the new well (HO-95-1371) is connected to the house, and a water quality analysis meets regulated standards, and the (buried) well is abandoned, the Health Department may issue a permit to drill a well for the proposed Lot 2 on the subject property.

Another issue that may affect the release of a permit to drill a well is the status of the Percolation Certification Plan for the subject property. The most recent comment (July 28, 2008) on the proposed subdivision of the subject property indicates that a Percolation Certification Plan revision had been submitted, though it had not been approved at that time. A Note related to several of the requirements stated in this letter is to be included on the revision of that document (per July 28, 2008 comment).

If you have any questions regarding this letter, please contact me at the Bureau of Environmental Health, phone 410-313-1771.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert C. Bricker". The signature is fluid and cursive, written over a white background.

Robert C. Bricker, R.S.
Environmental Sanitarian
Well and Septic Program

Copy: Howard County DPZ
File

GENERAL NOTES:

- Coordinates based on NAD83/91 Maryland Coordinate System as projected by Howard County Geodetic Control Station 28AC, 28A1, 22GA.
- Ditches from pipe found.
- Ditches stone faced.
- This plot is based on a field run boundary survey performed in November, 2006 by CLSI.
- All areas provided on this plan are to be taken as "more or less".
- BLI denotes building restriction line.
- The Subject property zoned RR per the 2/2/04 Comprehensive Zoning Plan and per the "Comp Line" Zoning Regulation Amendments effective 7/28/06.
- The area designates a private sewage easement of 10,000 square feet as required by the Maryland State 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 into the private sewage easements. Recordation of modified sewage easement shall not be necessary. Percolation test holes, as shown herein, have been field located.
- The lots shown herein comply with the minimum ownership width and lot area as required by the Maryland State Department of the Environment.
- No grading, removal of vegetative cover or trees, paving and new structures shall be permitted within the limits of wetlands, stream (s), or their required buffers, floodplain and forest conservation easement areas.
- Driveways shall be constructed prior to residential occupancy to insure safe access for Fire and Emergency Vehicles per the following (minimum) requirements:
 - Width - 12 feet x 16 feet serving more than one residence.
 - Surface - 6 inches of compacted crusher run base with top 2" chip coating - 1-1/2" min. depth.
 - Geometry - maximum of 15% grade - maximum 10% grade change and minimum of 45 foot turning radius.
 - Structures (advertisements) - capable of supporting 25 gross tons (425 loading).
 - Drainage elements - capable of safely passing 100-year flood with no more than 1-foot depth over driveway surfaces.
 - Structure clearances - minimum 12 feet.
 - Maintenance - sufficient to insure of weather use.
- For flag or pipeline lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipeline and the road right-of-way only and not into the flag or pipeline lot driveway.
- This project is subject to compliance with provisions of MDE Water Appropriations Permit No. HC099G013 (1).
- Floodplain delineation is not required in reference to Howard County DMV Chapter 6 Section 4.
- Wetland delineation is based on an study prepared by CLSI. No wetlands will be disturbed.
- The lots shown on this plan are subject to the Middle Patuxent Drainage Area supplemental in-add-of construction change created by section 20.311B of the Howard County Code.
- There is an existing dwelling located on Lot 1 to remain. No new buildings, extensions or additions to the existing dwellings are to be constructed on a distance line from zoning regulation requirements.
- Landscaping for Lot 2 is provided in accordance with a certified landscape plan in the minor subdivision construction plans in accordance with Section 16.124 of the Howard County Code and the Landscape Manual.
- Land dedicated to Howard County, Maryland for purposes of a public road, 0.238 ac.
- A fee in lieu of tax for this subdivision in the amount of \$18,000.00 has been paid to satisfy Section 16.121 of the Subdivision and Land Development Regulations.
- Water Quality Volume (WQV) and Groundwater Recharge Volume (RWV) requirements will be met by applying the rooftop disconnect, non-roof-top disconnect credits along with level spreading devices in accordance with Chapters 3 & 5 of the 2000 Maryland Stormwater Management Design Manual (Manual). Channel Protection Volume (CPV) is not required because the computed discharge for the CPV storm for each design point is less than 2.0 cfs as mandated in the above referenced Manual.
- This subdivision is exempt from the requirements of Section 16.1200 of the Howard County Code for Forest Conservation as per section 16.1202 (b)(1)(i)-(iv) since it is a minor subdivision creating one additional lot and having no additional subdivision potential.
- Waiver petition File Number WP-08-096 for the Levine Property was approved by the Director of the Department of Planning and Zoning on June 2, 2008. The specifications waived were Sections 16.120 (2)(A)(X)(3) and 16.144(2)(3) of the Subdivision and Land Development Regulations. Waiver approval is subject to the following conditions:
 - The Final Plan shall place all environmental features on Lot 2.
 - Final Plan shall comply with applicable regulations, unless waivers have been approved, and with Subdivision Regulations Committee agency comments.
 - Final Plan shall provide a 35' environmental setback from the stream bank buffer on Lot 2.
 - Final Plan shall enlarge the proposed stream buffer enhancement area to include the area between the existing forest and proposed level spreaders.
 - Final Plan shall include a Forest Conservation Easement over the proposed stream buffer enhancement planting area. The area shall be appropriately planted and staked.
 - Final Plan and Plat shall change the Lot 1 setback to 60', and to relocate the rear property boundary of Lot 1 and front setback of Lot 2 to the west in order to increase the area of the Lot 2 building envelope.
 - Approval of this petition does not sanction any disturbance to the environmental features, or their restrictive buffers or setbacks.

WETLAND CERTIFICATION:
THERE ARE NO WETLANDS ON SITE THAT WILL BE DISTURBED AND THERE ARE 401 AND 404 WETLANDS PERMITS FROM THE STATE OF MARYLAND.

Cynthia K. Baxter 4/29/09
CYNTHIA K. BAXTER
PROFESSIONAL LAND SURVEYOR # 10786

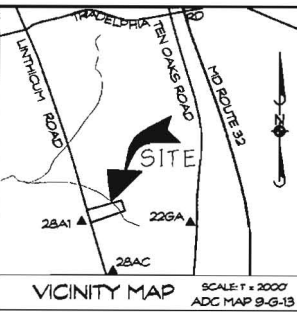
THE REQUIREMENTS OF 8-106, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAN AND THE SETTING OF MARKERS, HAVE BEEN COMPLIED WITH.

Cynthia K. Baxter 4/29/09
CYNTHIA K. BAXTER
PROFESSIONAL LAND SURVEYOR # 10786

Jon Levine 5/1/09
JON LEVINE, (OWNER)

HOWARD COUNTY GEODETIC CONTROL STATION COORDINATES

| ID | NORTHING | EASTING |
|-------|--------------|--------------|
| 28 AC | 5746789.3067 | 1314971.7633 |
| 28 A1 | 576723.5447 | 1314261.7096 |
| 22 GA | 576846.7555 | 1316983.4827 |



FOREST CONSERVATION EASEMENT LOCATION

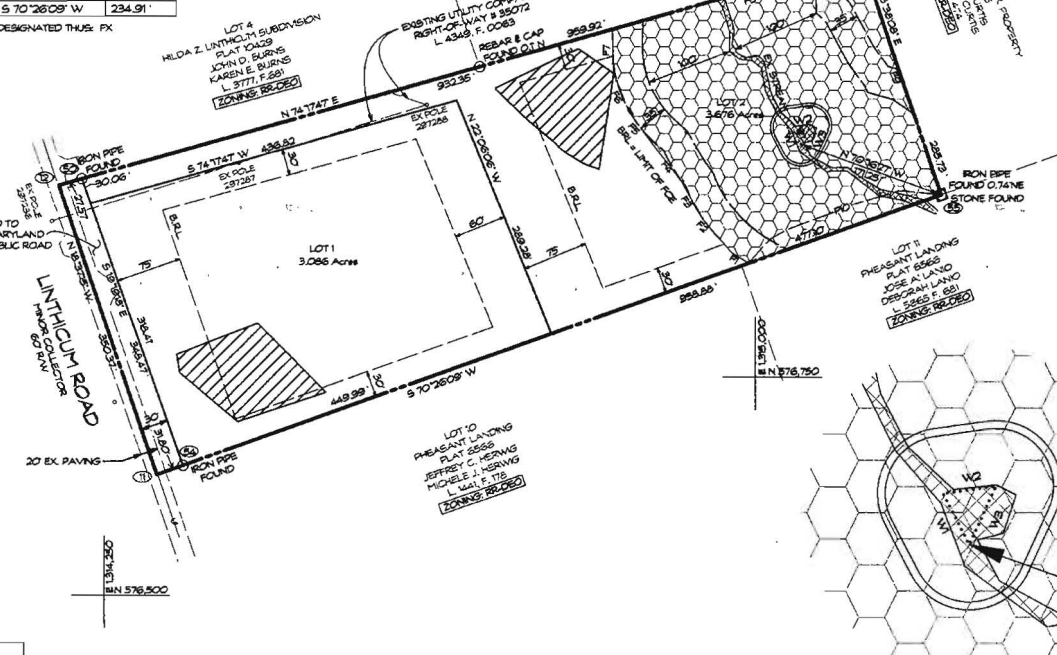
| NUMBER | DIRECTION | DISTANCE |
|--------|---------------|----------|
| F1 | N 58°31'33" W | 23.60' |
| F2 | N 41°05'48" W | 50.00' |
| F3 | N 29°08'11" W | 50.00' |
| F4 | N 38°04'24" W | 50.00' |
| F5 | N 36°37'23" W | 50.00' |
| F6 | N 21°44'24" W | 48.06' |
| F7 | N 01°30'50" W | 50.88' |
| F8 | N 74°17'47" E | 298.32' |
| F9 | S 19°38'08" E | 285.73' |
| F10 | S 70°26'09" W | 234.91' |

WETLANDS LOCATION

| NUMBER | DIRECTION | DISTANCE |
|--------|---------------|----------|
| W1 | N 71°20'30" W | 21.96' |
| W2 | N 82°03'24" E | 20.56' |
| W3 | S 24°44'40" W | 24.66' |

LINEs ARE DESIGNATED THUS: WX

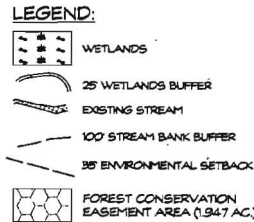
LINEs ARE DESIGNATED THUS: FX



COORDINATES

| NUMBER | NORTHING | EASTING |
|--------|-------------|--------------|
| 11 | 576638.4367 | 1314310.2505 |
| 12 | 576970.4856 | 1314198.3760 |
| 50 | 576977.9271 | 1314224.9166 |
| 52 | 577230.3787 | 1315122.4667 |
| 54 | 576649.2843 | 1314340.2783 |
| 55 | 576959.5284 | 1315213.7710 |

COORDINATES ARE DESIGNATED THUS: (55)



MDR PLAT NO. 20574
RECORDED
MAY 29 2009

WETLAND DETAIL
1" = 30'

AREA TABULATION

- TOTAL NUMBER OF LOTS OR PARCELS TO BE RECORDED - BUILDABLE: 2
 - NON-BUILDABLE: 0
 - OPEN SPACE: 0
 - PRESERVATION PARCELS: 0
- TOTAL AREA OF LOTS OR PARCELS - BUILDABLE: 6.762 AC.
 - NON-BUILDABLE: 0
 - OPEN SPACE: 0
 - PRESERVATION PARCELS: 0
- TOTAL AREA OF ROADWAY TO BE RECORDED INCLUDING WIDENING STRIPS - 0.238 AC.
- TOTAL AREA OF SUBDIVISION TO BE RECORDED 7.100 AC.

MINIMUM LOT SIZE CHART

| LOT NO. | GROSS AREA | PRESTAB AREA | MINIMUM LOT SIZE |
|---------|------------|--------------|------------------|
| 1 | 3.086 AC. | 0 | 3.086 AC. |
| 2 | 3.676 AC. | 0.300 AC. | 3.376 AC. |

RESERVATION OF FOREST CONSERVATION EASEMENT

DEVELOPER RESERVES UNTO HIMSELF, HIS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAN FOR FOREST CONSERVATION LOCATED IN, ON, OVER AND THROUGH LOT 2. ANY CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENT HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS OF THE FOREST CONSERVATION AREA UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY THE DEVELOPER AND THE COUNTY AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT. THE COUNTY SHALL ACCEPT THE EASEMENT AND RECORD DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.

OWNER/DEVELOPER

JON LEVINE
4305 PLEASANT PATH
ELLCOTT CITY, MARYLAND 21043
(410) 312-7970

MINOR SUBDIVISION PLAT

LEVINE PROPERTY
TAX MAP 22, GRID 19, PARCEL 217
ZONING: RR-DEO
5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS: HOWARD COUNTY HEALTH DEPARTMENT

Richard J. Davis 5/16/09
Richard J. Davis
Howard County Health Officer

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Wendy Starnes 5/21/09
Wendy Starnes
Chief Development Engineering Division

Clayton Starnes 5/21/09
Clayton Starnes
Director

OWNER'S CERTIFICATE

I, JON LEVINE, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS:

- 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.
- THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR SOOCD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT 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.
- THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND OPEN SPACE EASEMENTS FOR THE SPECIFIC PURPOSES OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND
- THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

WITNESS MY HAND THIS DAY OF 2008
Jon Levine 5/1/09
JON LEVINE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY DANIELLE H. COOK TO JON LEVINE BY A DEED DATED DECEMBER 20, 2006 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN BOOK 9187 PAGE 497, AND THAT ALL POINTMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED:

Cynthia K. Baxter 4/29/09
CYNTHIA K. BAXTER
Professional Land Surveyor No. 10786

Date 'Revised' By:

| | |
|-------|-------------------|
| 07/08 | REVD PER CHTS |
| 11/08 | REVD PER CHTS add |
| 12/08 | REVD PER CHTS add |
| 4/09 | REVD PER CHTS TLR |

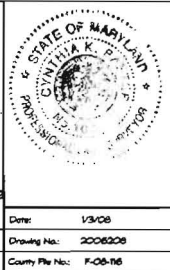
Scale: 1" = 100'

CLSI
www.clsi-cliveng.com

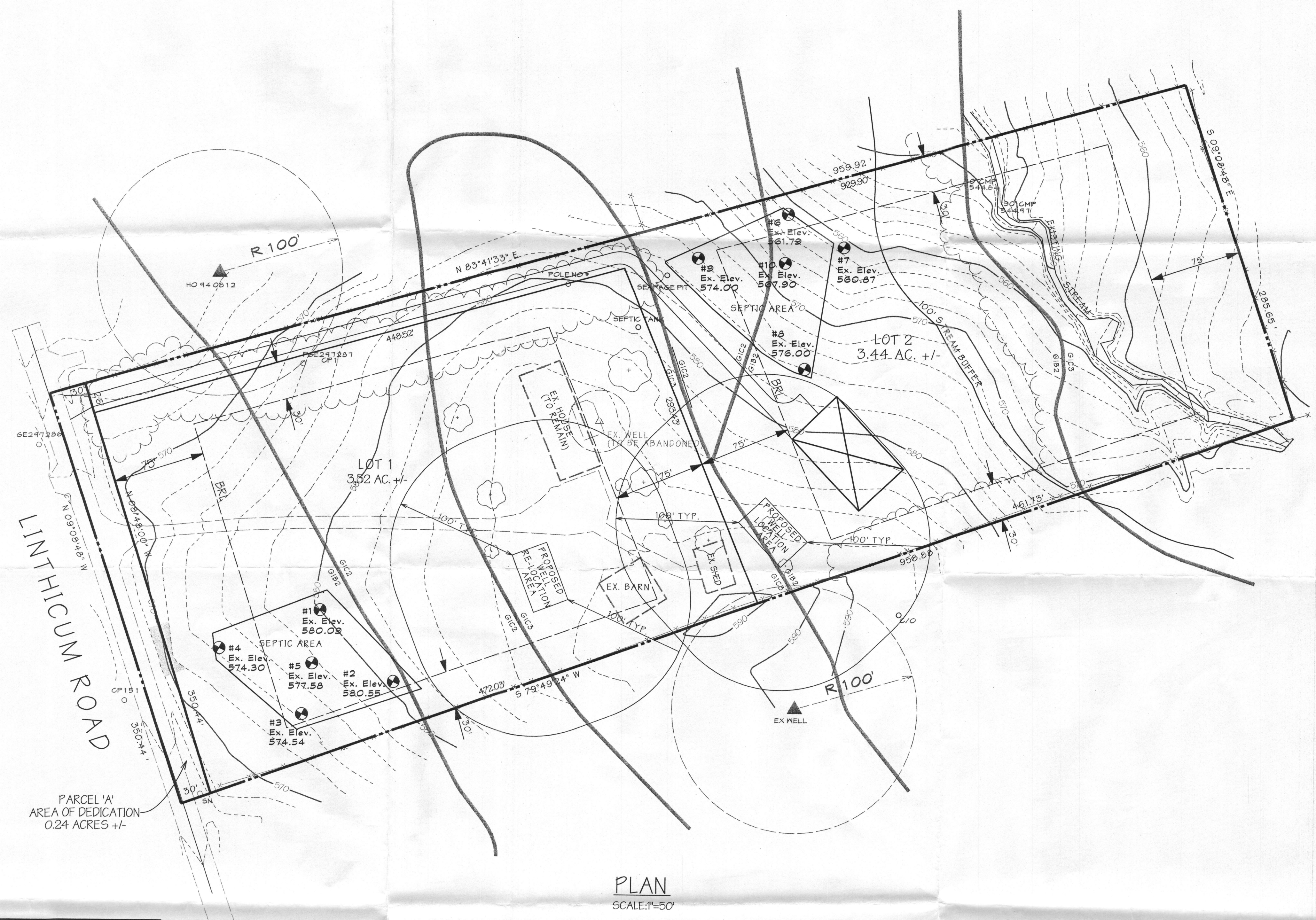
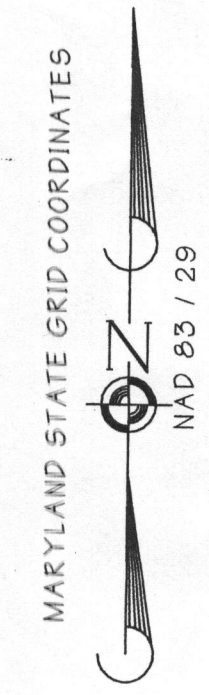
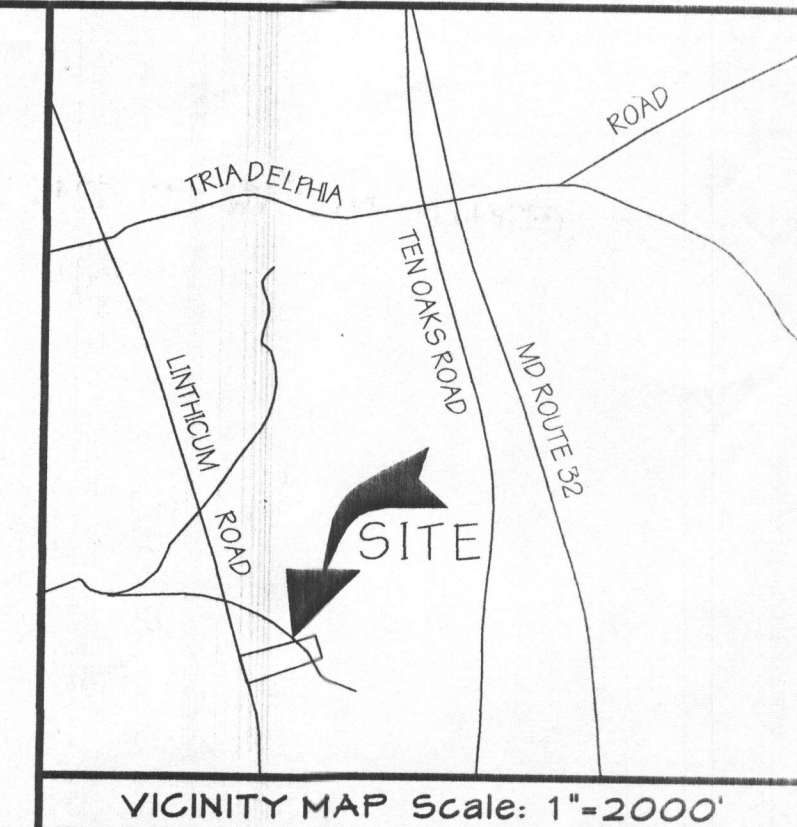
FREDERICK OFFICE: 8445 Progress Drive, Suite BB
Frederick, MD 21701-4879
(301) 662-1739 FAX (301) 662-8004

WESTMINSTER OFFICE: 439 East Main Street
Westminster, MD 21157-5538
(410) 848-1730 FAX (410) 848-1791

Surveyed By: CLS
Checked By: CKB
Drawn By: BSG
Date: 1/3/08
Drawing No.: 2006028
County File No.: F-08-116



| SOILS LEGEND | |
|--------------|---------|
| SOIL | TYPE |
| GIB2 | GLENELG |
| GIC2 | GLENELG |
| GIC3 | GLENELG |



GENERAL NOTES

- CURRENT TITLE REFERENCE:
OWNER: JON LEVINE
DEED REFERENCE: LIBER 9157, FOLIO 497
DATE: DECEMBER 20, 2004
GRANTOR: DANIELLE H. COOK
- THE PROPERTY SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT
- ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN.
- TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY.
- THIS SURVEY HORIZONTALLY AND VERTICALLY IS TIED TO HOWARD COUNTY CONTROL MONUMENTS, (NAD 83 HORIZONTAL AND NGVD 29 VERTICAL DATUM).
MONUMENT: 28 AC N 574679.3067, E 1314971.7633, EL. 625.112
MONUMENT: 28 GA N 576646.7555, E 1316983.4827, EL. 589.376
MONUMENT: 28 AB N 574608.754, E 1317002.0775, EL. 478.906
- ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION IT WILL NOT BE CONSIDERED GOVERNMENT DELAY IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- B.R.L. - DENOTES "BUILDING RESTRICTION LINE"
- EXISTING WELL ON LOT 1 SHALL BE PROPERLY SEALED AND ABANDONED BEFORE FINAL RECORD PLAT APPROVAL.
- EXISTING SEPTIC SYSTEM ON LOT 1 SHALL BE ABANDONED AND REPLACED BEFORE FINAL RECORD PLAT APPROVAL.
- THE BOUNDARY INFORMATION SHOWN IS TAKEN FROM THE DEED ONLY. IT DOES NOT REPRESENT A FIELD RUN BOUNDARY SURVEY.

DATA TABULATIONS:

- ZONING DISTRICT: RC - RURAL CONSERVATION
- SOILS MAP NO: 17
- NUMBER OF BUILDING SITES: 2
- AREA OF PARCEL 'A': 0.24 AC +/-
- TOTAL AREA OF SUBDIVISION: 6.9 ACRES

PLAN
SCALE: 1"=50'

NOTE:
ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

"I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF."

Cynthia K. Baxter 04-23-07
Cynthia K. Baxter, Professional Land Surveyor No. 10786

OWNER/DEVELOPER
JON LEVINE
4305 PLEASANT PATH
ELLCOTT CITY, MD 21043
(410) 312-7970

THIS AREA DESIGNATES A PRIVATE SEPTIC RESERVE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS RESERVE AREA SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE RESERVE AREA. RECORDATION OF THE MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

Robert W. Wade
COUNTY HEALTH OFFICER

4/27/07
DATE
RB

LEGEND

| | |
|--|--|
| | DENOTES EXISTING SEPTIC RESERVE AREA |
| | DENOTES PROPOSED SEPTIC RESERVE AREA |
| | DENOTES FAILD PERC |
| | DENOTES APPROVED PERC |
| | DENOTES EXISTING WELLS |
| | DENOTES PROPOSED WELL LOCATION |
| | DENOTES EXISTING GRADES |
| | DENOTES B.R.L. (BUILDING RESTRICTION LINE) |
| | DENOTES 100' STREAM BUFFER |
| | DENOTES PROPOSED HOUSE BOX |
| | DENOTES AREAS WITH 25% SLOPES OR GREATER |

PERCOLATION TEST RESULTS, A-526195

PERCOLATION CERTIFICATION PLAN
PARCEL #217
#4255 LINTHICUM ROAD
LEVINE PROPERTY

TAX MAP 22 GRID 18 PARCEL 217
5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

Superseded 10/21/08

STATE OF MARYLAND
CYNTHIA K. BAXTER
PROFESSIONAL LAND SURVEYOR
NO. 10786

CLSI
Civil Engineering & Environmental Consultants
www.clsi-civileng.com

FREDERICK OFFICE: 8449 Progress Drive, Suite B5, Frederick, MD 21701-4679, (301) 662-1799, FAX (301) 662-9004
WESTMINSTER OFFICE: 439 East Main Street, Westminster, MD 21157-5535, (410) 845-1790, FAX (410) 845-1791

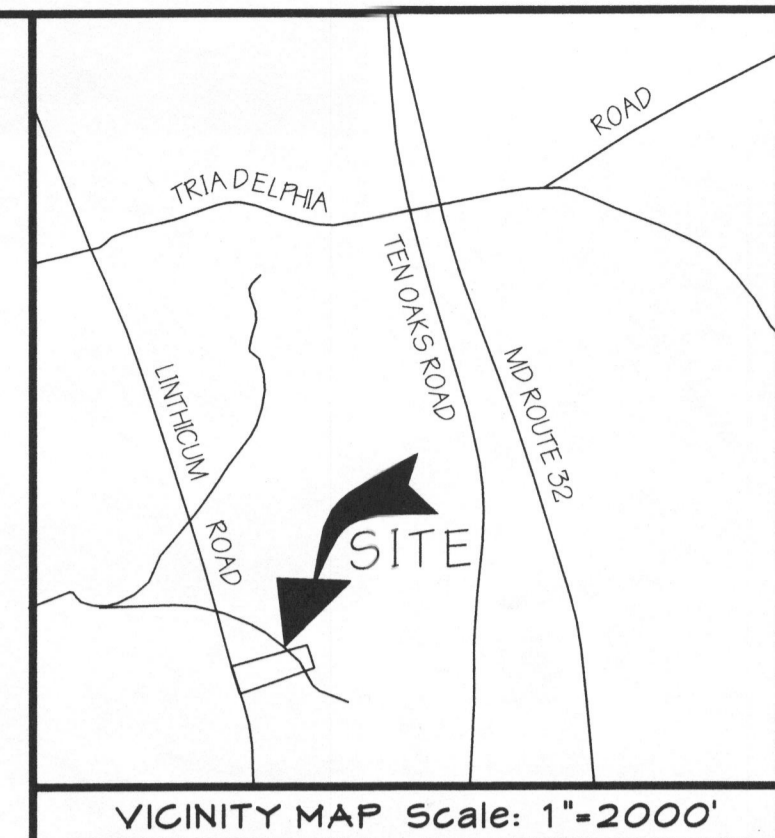
| Date | Revisions | Drawn By |
|---------|---|----------|
| 2/6/07 | Rev'd septic areas & added prop. well area per H.D. comments tr | TLR |
| 2/9/07 | Add note & added prop. well area per H.D. comments tr | TLR |
| 4/10/07 | Add notes & address Health Dept. comments tr | TLR |

Scale: 1"=50'
Job No: 2006208
Sheet: 1 OF 1

County File No.

CAD Drawing File Name: G:\2006\2006208\prelim\sheet\CO 1\prelimplan.dgn

| SOILS LEGEND | |
|--------------|---------|
| SOIL | TYPE |
| GIB2 | GLENELG |
| GIC2 | GLENELG |
| GIC3 | GLENELG |



GENERAL NOTES

- CURRENT TITLE REFERENCE:
OWNER: JON LEVINE
DEED REFERENCE: LIBER 9157, FOLIO 497
DATE: DECEMBER 20, 2004
GRANTOR: DANIELLE H. COOK
- THE PROPERTY SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT
- ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN.
- TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY.
- THIS SURVEY HORIZONTALLY AND VERTICALLY IS TIED TO HOWARD COUNTY CONTROL MONUMENTS, (NAD 83 HORIZONTAL AND NGVD 29 VERTICAL DATUM).
MONUMENT: 2B AC N 574679.3067, E 1314971.7633, EL. 625.112
MONUMENT: 22 GA N 576646.7555, E 1316983.4827, EL. 589.376
MONUMENT: 2B AB N 574608.754, E 1317002.0775, EL. 478.906
- ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED GOVERNMENT DELAY IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- B.R.L. - DENOTES "BUILDING RESTRICTION LINE"
- OLD WELL ON LOT 1 HAS BEEN PROPERLY SEALED AND ABANDONED. NEW WELL HAS BEEN DRILLED AND SHOWN.
- EXISTING SEPTIC SYSTEM ON LOT 1 HAS BEEN ABANDONED AND REPLACED.
- THE BOUNDARY INFORMATION SHOWN WAS FIELD RUN BY CLSI 11/06.
- AFTER THE WATER HOUSE CONNECTION IS APPROVED FOR THE EXISTING RESIDENCE ON LOT 1 AND THE EXISTING BURIED WELL THEREON HAS BEEN SEALED, A WATER QUALITY SAMPLE FROM THE EXISTING HOUSE MUST PASS HEALTH DEPARTMENT STANDARDS FOR BACTERIOLOGY PRIOR TO SIGNATURE OF THE RECORD PLAT BY THE HEALTH OFFICER.
- AN ICOP FOR THE REPLACEMENT WELL WILL NOT BE ISSUED UNTIL THE WELL DRILLER'S ABANDONMENT REPORT FOR THE EXISTING BURIED WELL IS IN THE HEALTH DEPARTMENT FILE FOR THE SUBJECT PROPERTY.

DATA TABULATIONS:

- ZONING DISTRICT: RR
- SOILS MAP NO: 17
- NUMBER OF BUILDING SITES: 2
- AREA OF ROADWAY DEDICATION: 0.238 AC +/-
- TOTAL AREA OF SUBDIVISION: 7.10 ACRES

Signed 10/21/2008

| LEGEND | |
|--------|--|
| | DENOTES EXISTING SEPTIC RESERVE AREA |
| | DENOTES PROPOSED SEPTIC RESERVE AREA |
| | DENOTES FAILD PERC |
| | DENOTES APPROVED PERC |
| | DENOTES EXISTING WELLS |
| | DENOTES PROPOSED WELL LOCATION |
| | DENOTES BRL (BUILDING RESTRICTION LINE) |
| | DENOTES 100' STREAM BUFFER |
| | DENOTES PROPOSED HOUSE BOX |
| | DENOTES AREAS WITH 25% SLOPES OR GREATER |

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF THE MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

B. Wyler for Peter Baileman
COUNTY HEALTH OFFICER

DATE Oct. 21, 2008
1799

NOTE:
ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

"I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF."

Cynthia K. Baxter 9.25.08
Cynthia K. Baxter, Professional Land Surveyor No. 10786

OWNER/DEVELOPER
JON LEVINE
4305 PLEASANT PATH
ELLCOTT CITY, MD 21043
(410) 312-7970

PERCOLATION TEST RESULTS, A-526195

PERCOLATION CERTIFICATION PLAN
PARCEL #217
#4255 LINTHICUM ROAD
LEVINE PROPERTY

TAX MAP 22 GRID 18 PARCEL 217
5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

STATE OF MARYLAND
CYNTHIA K. BAXTER
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FAX (301) 662-8004

WESTMINSTER OFFICE:
439 East Main Street
Westminster, MD 21157-0039
(410) 848-1790
FAX (410) 848-1791

| Date | Revisions | Drawn By: | TLR |
|---------|--|-----------|------------------|
| 2/6/07 | Rev'd septic areas & added prop. well area per H.D. comments | tlr | Designed By: LGD |
| 2/4/07 | Add note & added prop. well area per H.D. comments | tlr | Reviewed By: |
| 4/10/07 | Add notes & address Health Dept. comments | tlr | Date: DEC. 2006 |
| 7/4/08 | Address Health dept. comments dated 3/6/08 | | Scale: 1"=50' |
| 9/09/08 | REV'D WELL AREA ON LOT 2 | | Job No.: 2006208 |
| 9/25/08 | REV'D WELL AREA ON LOT 2 - TLR | | Sheet: 1 OF 1 |

County File No.

CAD Drawing File Name: G:\2006\2006-2006\prelim\sheet\101\prelimplan.dgn

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