

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 536731

AGENCY REVIEW: _____

DATE 2-10-12

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 EX. 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) Howard + Shirley Bankes

DAYTIME PHONE 410 531 3192 CELL _____ FAX _____

MAILING ADDRESS 6555 Cedar Lane Columbia MD. 21044
STREET CITY/TOWN STATE ZIP

APPLICANT Fisher, Collins & Carter Inc.

DAYTIME PHONE 410 461 2855 CELL _____ FAX 410 750 3784

MAILING ADDRESS 10272 Baltimore National Pike Ellicott City MD. 21042
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 6555 Cedar Lane, "Cedarview" LOT NO. (2)
Ex. House

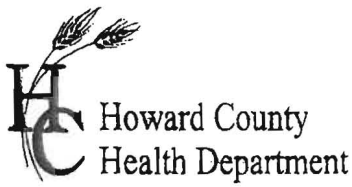
PROPERTY ADDRESS " " Columbia MD. 21044
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 35 GRID _____ PARCEL(S) 260 PROPOSED LOT SIZE 36,726 SF

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. James Bailey
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



APPLICATION

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STREET CITY/TOWN STATE ZIP

APPLICANT Fisher, Collins & Carter Inc.

DAYTIME PHONE 410 461 2855 CELL _____ FAX 410 750 3784

MAILING ADDRESS 10272 Baltimore National Pike MD 21042
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Cedarview LOT NO. 2

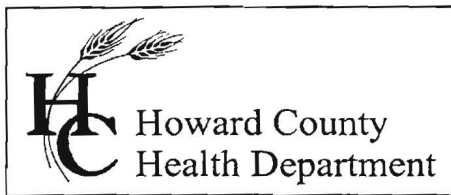
PROPERTY ADDRESS 6555 Cedar Lane Columbia MD 21044
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 35 GRID _____ PARCEL(S) 260 PROPOSED LOT SIZE 24378

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.
James D. Baird
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
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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

February 14, 2012

To: Howard Bankes, owner

From: Robert Bricker, REHS/R.S., Environmental Sanitarian Supervisor
Well and Septic Program

RE: 6555 Cedar Lane, Tax Map 35 Parcel 260; Percolation Test Application, proposed two-lot subdivision, A536731

Percolation tests will not be scheduled at this time. The Health Department has received notice from the Howard County Department of Utilities, Real Estate Services Division that the subject property is within the Metropolitan District. As new well and septic system installations cannot be permitted on lots smaller than 3 acres within the Metropolitan District, percolation tests would be unnecessary. You may apply to the Bureau of Environmental Health for a full refund of the Percolation Test Application Fee.

Be advised that the Health Department may not approve any Building Permit Application for the subject property until the following occurs and is documented in Health Department files for the subject property.

1. The residence must be connected to public water and sewer.
2. The existing well must be sealed by a Licensed Well Driller and the Well Abandonment Report in the file for the property.
3. The septic tank and dry well must both be pumped and the voids filled with clean earth materials (e.g. gravel, soil, etc). A copy of the invoice and a memo from the contractor, confirming that the components were pumped and the voids filled, must be in the Health Department file for the subject property.

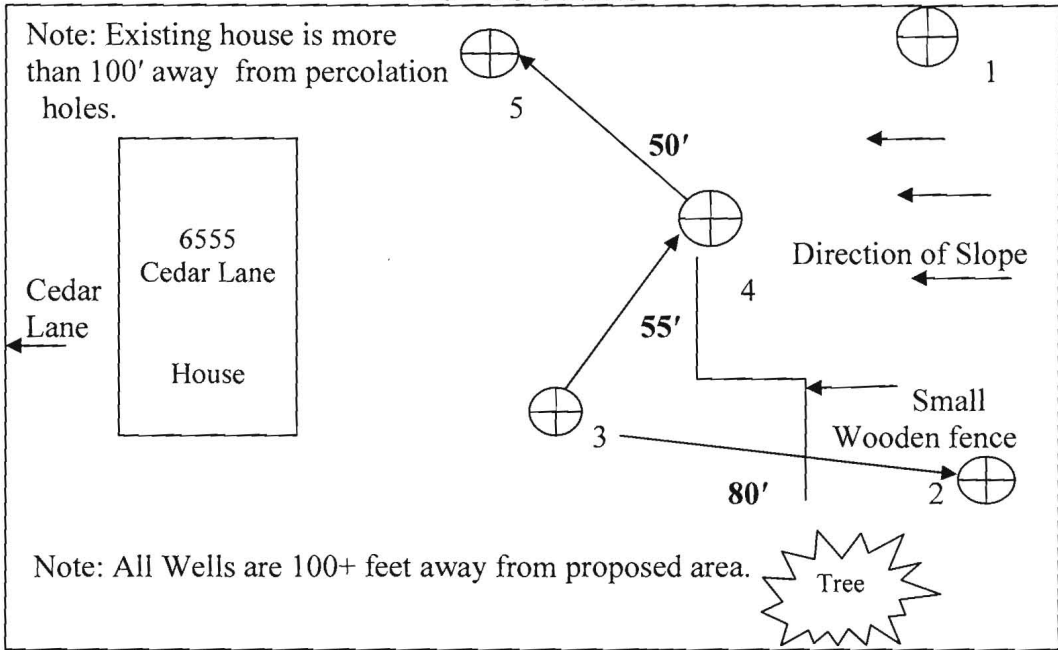
Copy: Tony Fertitta, Fisher Collins & Carter, Inc.
file

Percolation Information- Cedar Lane-Lot #1

NOT TO SCALE

1

2sbk ,
Dk.Brown
Gray
SCL
-----0.5'
Red-Brown
Mica SCL
-----2'
Red-Brown
Yellow
Medium
SL
↓
10-20% Small
Platy Shist @
10'
-----12'



4

2sbk , Dk.
Brown Gray
SCL
-----0.6'
Red-Brown
SCL
-----3.5'
Red-Brown
Yellow
SL
Mineral
Deposits @ 9'
20-30% Small
Platy Shist @
9'
↓
-----14'

2

2sbk , Dk. Brn
SCL
-----0.5'
Red-Brown
SCL
-----3.5'
Red-Brown
Yellow
Medium SL
Mica
↓
-----14.'

Date	Test	Depth	Start	Break 1" Drop	Break 2" Drop	Time of 2 nd Inch	P/F/H
04-10-12	1	3.5 /12	9:51	9:53	9:57	4min.	Pass
04-10-12	(2)	4 /14	10:01	10:04	10:09	5 min.	Pass
04-10-12	3	4/ 14	10:08	10:10	10:13	3 min.	Pass
04-10-12	(4)	4.5/12	9:57	10:00	10:07	7 min.	Pass
04-10-12	5	3.5/12	10:20	10:22	10:25	3 min.	Pass

5

2sbk ,
Dk. Brown
Gray SCL
-----0.8'
Red-Yellow
Brown SCL
-----3'
Red-Brown
FSL
Heavy
Mineral
Deposits @ 8'
↓
-----14'

3

2sbk , Dk. Brn
SCL
-----0.5'
Red- Yellow
Brown SCL
-----2'
Red- Brown,
Yellow
FSL
Mica
Shist @ 10'
↓
-----14'

Remarks: Undeveloped Property. Percolation holes must be surveyed on Percolation Certification Plan.

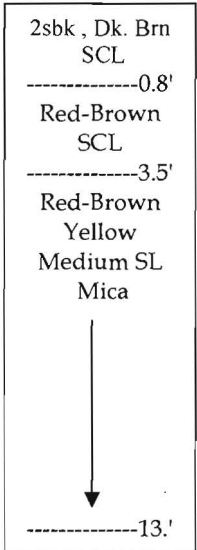
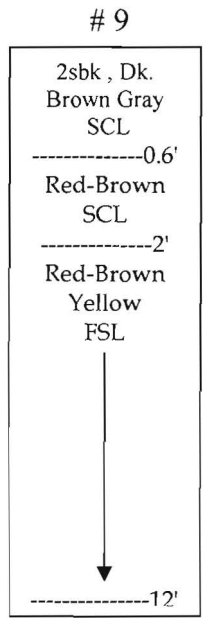
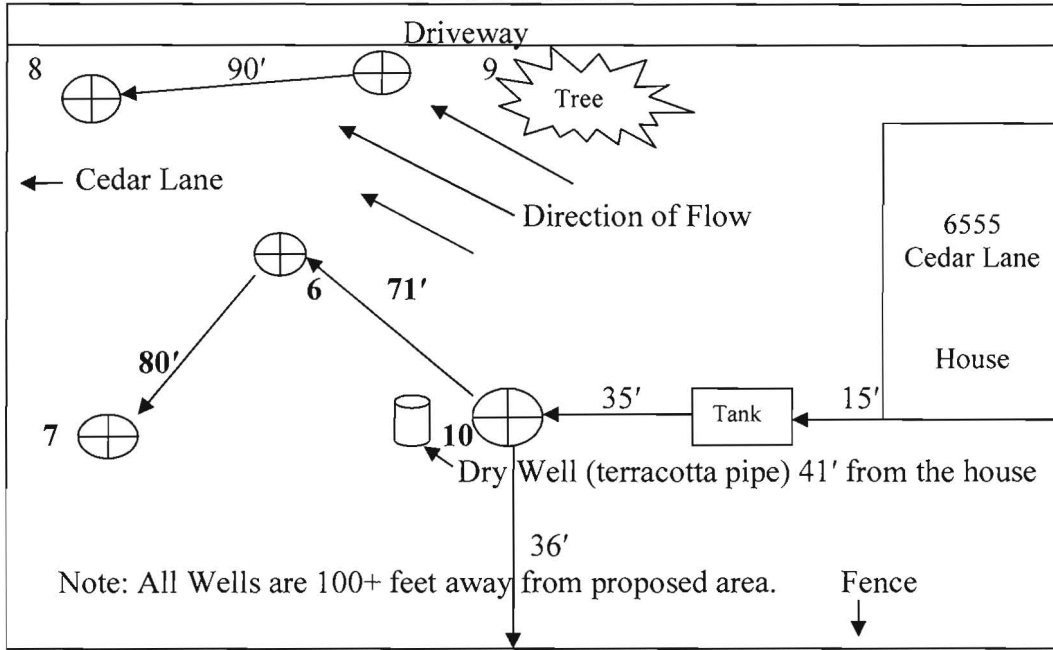
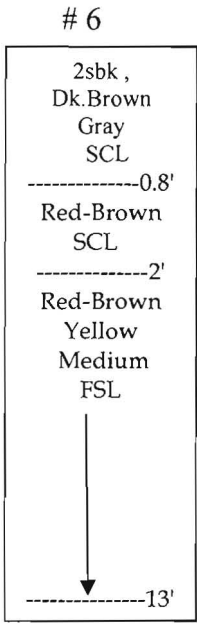
Sanitarian D.Bernard Backhoe Jeff Allen

Test Holes Used in 5 in SDA Avg. Perc Time 5 min. SQ.FT/BR

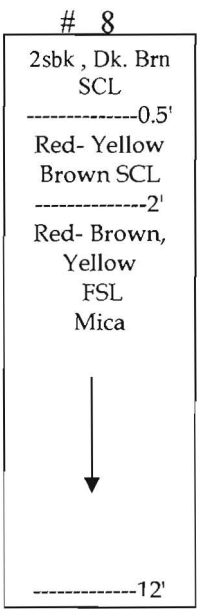
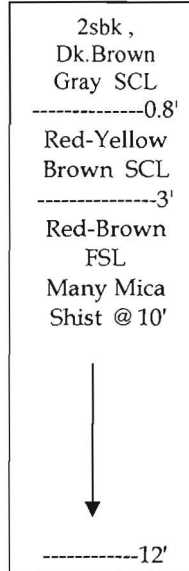
Trench Width 3 Inlet Depth 4 Max Bot.Depth 8 Effective S/W 4

Percolation Information- Cedar Lane-Lot #2

NOT TO SCALE



Date	Test	Depth	Start	Break 1" Drop	Break 2" Drop	Time of 2 nd Inch	P/F/H
04-10-12	6	3.5 / 13	11:08	11:11	11:16	5min.	Pass
04-10-12	7	4 / 13	11:13	11:15	11:20	5 min.	Pass
04-10-12	8	4.5 / 12	11:18	11:20	11:23	3 min.	Pass
04-10-12	9	4 / 12	11:31	11:33	11:36	3 min.	Pass
04-10-12	10	4 / 12	11:01	11:04	11:08	4 min.	Pass



Remarks: Developed Property. Percolation holes must be surveyed on Percolation Certification Plan.

Sanitarian D. Bernard Backhoe Jeff Allen

Test Holes Used in 5 in SDA Avg. Perc Time 5 min. SQ.FT/BR

Trench Width 3 Inlet Depth 4 Max Bot. Depth 8 Effective S/W 4



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

Date: April 18, 2012

To: Fisher, Collins & Carter, Inc.
C/o James Bailey
10272 Baltimore National Pike
Ellicott City, Maryland, 21042

RE: **Percolation Testing Report**
Subdivision: Cedarview, Lots #1 and #2
6555 Cedar Lane, Tax Map 35, Parcel 260

Mr. Bailey

Percolation testing was conducted on the referenced property on April 10, 2012. The purpose for conducting these percolation tests was to delineate a septic reserve area for an anticipated establishment of a sewage disposal area and to establish a new septic area for an existing lot.

Soil conditions observed were **satisfactory** for onsite wastewater treatment and disposal. A total of ten (10) test holes evaluated were found to be satisfactory with moderate percolation rates. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation. Field data collected is shown on the Percolation Test Worksheets enclosed with this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,

Dana Bernard, REHS/RS
Environmental Sanitarian
Well and Septic Program

Enclosures (2)

CC: File

Homeowners- Mr. and Mrs. Bankes

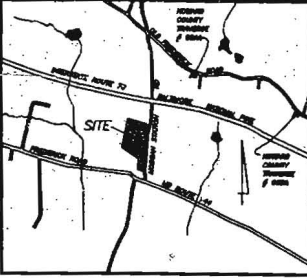
NOTES:

- AGREEMENTS BASED ON MD & MARYLAND COORDINATE SYSTEM AS PROVIDED BY HOWARD COUNTY GEODETIC CONTROL SYSTEM NO. 0344 & 0345.
- SUBJECT PROPERTY ZONED "R-20" PER 14/14/93 COMPREHENSIVE ZONING PLAN.
- R.L. DESIGNATED BUILDING RESTRICTION LINE.
- THIS AREA DESIGNATES A PRIVATE SEWER EASEMENT OF 10,000 S.F. AS REQUIRED BY THE INDENTURE OF THE DEVELOPMENT SUBMISSION REGULATIONS (FORM 15-202) FOR PRIVATE SEWER DISPOSAL. APPROVED BY THE COUNTY HEALTH OFFICER. PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR DISCHARGES INTO THE PRIVATE SEWER SYSTEM. RECORDATION OF A WRITTEN SEWER EASEMENT SHALL NOT BE NECESSARY.
- THE REQUIREMENTS OF § 3-106, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, THIS REPLACEMENT VOLUME IS SUPPLEMENTED AS FAR AS THEY RELATE TO THE MANNER OF THIS PLAT AND THE SETTING OF THE MONUMENTS HAVE BEEN COMPLIED WITH.

Donna H. Ratliff 5/11/99
 COUNTY HEALTH OFFICER
John A. Ratliff 5/11/99
 COUNTY HEALTH OFFICER

THE DEVELOPER RESERVES LAND FULLY, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAN FOR FOREST CONSERVATION (HEREINAFTER AS "FOREST CONSERVATION EASEMENT") LOCATED IN OVER AND THROUGH LOTS 1-4 AS THE FOREST CONSERVATION EASEMENT AND ALL CONVEYANCES OF FORESTED LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEEDS, CONVEYANCES AND LOTS ACQUIRED SHALL OCCUR AND ACCEPTED IN DEED FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION EASEMENT UPON COMPLETION OF THE PUBLIC UTILITIES AND THESE EASEMENTS BY HOWARD COUNTY, AND IN CASE OF A FOREST CONSERVATION EASEMENT UPON COMPLETION OF DEVELOPER'S OBLIGATION UPON COMPLETION OF THE PUBLIC UTILITIES AND THESE EASEMENTS BY HOWARD COUNTY, AND THE DEVELOPER AND COUNTY, AND THE RELEASE OF THE DEVELOPER'S RIGHTS FOSTERED WITH THIS AGREEMENT, THE COUNTY SHALL RECORD THE EASEMENTS AND RECORD THE DEEDS IN THE LAND RECORDS OF HOWARD COUNTY.

COORDINATES				
NO.	NORTH (F)	EAST (F)	NORTH (M)	EAST (M)
9	207,303.1358	125,722.6391	185,079.9251	395,245.1168
10	208,511.6207	126,146.1522	185,079.9251	395,245.1168
11	208,533.5887	126,181.0487	184,902.2880	395,290.2790
12	208,879.2428	126,083.1802	184,977.1532	395,247.9848
13	208,305.5493	126,356.2818	184,978.9280	395,719.7881
14	207,543.7323	126,501.2854	185,000.1536	395,601.1042
15	207,011.7184	126,530.1523	185,227.8537	395,524.3174
16	207,254.1081	126,314.2880	185,241.5535	395,767.4885
17	207,318.1682	126,319.3020	185,269.7388	395,759.0193
108	207,730.1343	126,348.7804	185,227.3715	395,788.2785
152	206,558.5887	126,377.1523	185,887.4140	395,730.9014
161	206,581.7009	126,353.2810	185,977.8124	395,748.8715
164	207,728.7373	126,421.8363	185,235.9780	395,759.8028



- THE LOTS SHOWN HEREIN COMPLY WITH THE MINIMUM CHANGEMAN BEING AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1320 OF THE HOWARD COUNTY CODE FOREST CONSERVATION ACT. NO CLEARING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT. HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
- NO WETLANDS OR STRINGS WERE FOUND PER SITE INSPECTION BY DENNIS J. LAMAR, M.S. & ASSOCIATES LLC ON 4/13/99.
- DRAINAGE SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE & EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - MINIMUM PERMIT FEES & SERVICE CHARGES SHALL BE PAID TO THE COUNTY.
 - CONSTRUCTION - 24" (6) INCHES OF COMPACTED "COLLECTOR GRADE" BASE WITH A "SLOPE AND CURB" COATING.
 - MINIMUM TURNING RADIUS - FORTY-FIVE (45) FEET.
 - BRIDGES AND CULVERTS - DESIGNED TO SUPPORT VEHICLES WITH A GROSS VEHICLE WEIGHT OF TWENTY-TWO (22) TONS.
 - OVERHUNG CLEARANCE - THIRTEEN (13) FEET.
 - MAINTENANCE - GRASSING OR SEEDING SHALL BE MAINTAINED AS FOLLOWS:
 - GRASS - THE MAXIMUM ALLOWABLE GRADE SHALL BE 1.5% WITH THE DRAINAGE SLOPE OF THE SIDE DRAINAGE FROM THE ROAD TO THE DRIVEWAY SHALL NOT EXCEED 5%.
 - NOISE BARRIERS - WHERE ONE (1) DRIVEWAY SERVES MORE THAN ONE (1) LOT, COMMON DRIVENETS, A HOUSE NUMBER SIGN MUST BE PLACED AT THE LOT ENTRANCE AND A SIGN OF STREET ADDRESS HOUSE NUMBERS SIGN ABOVE THE COMMON DRIVEWAY SERVED BY THE SAME HOME.
 - DRAINAGE ELEVATIONS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN ONE (1) FOOT DEPTH OVER DRIVEWAY SURFACE.
- THIS SUBMISSION IS EXEMPT FROM STORMWATER MANAGEMENT REQUIREMENTS INCLUDE ALL LOTS ARE LARGER THAN TWO ACRES.
- ⊙ DESIGNATES APPROVED PERC TEST.
- ⊙ DESIGNATES FAILED PERC TEST.
- THIS PLAT IS BASED ON A FIELD SURVEY MONUMENTED BOUNDARY SURVEY PERFORMED BY SHAWNEER & LANE IN JUNE, 1998.
- ⊙ DESIGNATES IRON PIN & CAP.
- ⊙ DESIGNATES IRON PIPE FOUND.
- THIS PROPERTY IS IN THE "NO PLANNED SERVICE AREA" ON THE MASTER PLAN FOR PUBLIC WATER & SEWER.
- THE AREAS SHOWN HEREIN ARE NOT EXACT BUT ARE REFERRED TO THE NEAREST 1 SQUARE FOOT AND THE NEAREST 0.001 ACRES.
- THE FOREST CONSERVATION EASEMENT PER § 3.8 ASSES BY APPOINTMENT HAS BEEN MET BY PLANTING 29 SHADE TREES. SURVEY TOTAL: 29,362.50 AC. IS BOUNDARY OF THE FOREST CONSERVATION EASEMENT. FOREST CONSERVATION PER: 29,362.50 AC. (29,362.50 AC. x 43,560 S.F./AC. = 1,280,000 S.F.). LANDSCAPE SHADE TREES: 118,668 S.F. @ \$4.50/7 @ \$4,970.40. COST OF THE LANDSCAPE SHADE TREES: 118,668 S.F. @ \$4.50/7 @ \$4,970.40.
- THE REVEALED LANDSCAPE PLANTING OF 29 SHADE TREES IS PROVIDED BY THE DEVELOPER.

TABULATION OF FINAL PLAT

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	4
BUILDABLE:	
TOTAL AREA OF LOTS AND/OR PARCELS:	13.1533 ACRES
TOTAL AREA OF BUILDABLE:	
TOTAL AREA OF RECORDED STRIPS INCLUDING BUILDING STRIPS:	0.7888 ACRES
TOTAL AREA OF SUBMISSION TO BE RECORDED:	13.9422 ACRES

APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Donna H. Ratliff 5/11/99
 COUNTY HEALTH OFFICER C.D. D.M. AMBER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
John A. Ratliff 5/11/99
 CHIEF, DEVELOPMENT ENGINEERING DATE

James B. Ratliff 5/11/99
 DIRECTOR DATE

OWNER'S CERTIFICATE

I, JUDITH H. RATLIFF, OWNER OF THE ESTATE OF RHODA FINE, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREIN, HEREBY ADOPT THIS PLAN OF SUBMISSION, AND IN CONSIDERATION OF THE APPROVAL OF THIS SUBMISSION BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNITS HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINAGE WATER PIPES AND OTHER SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREIN; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLANS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD 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 FLOODPLANS, STORAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF INTERESTS 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 BY OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITHIN OUR HANDS THIS 12TH DAY OF MAY 1999.

Donna H. Ratliff 5/11/99
 JUDITH H. RATLIFF DATE
James B. Ratliff 5/11/99
 WITNESS DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREIN IS CORRECT; THAT IT IS A SUBMISSION OF ALL OF THE LAND COMMEYED BY HUBERT A. STOTTLEMEYER AND BLANCH E. STOTTLEMEYER TO LOTS ONE AND TWO, FINE BY DEED DATED AUGUST 21, 1981 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER 227 FOLD 151 AND THAT ALL INSTRUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBMISSION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS APPLICABLE.

Donna H. Ratliff 5/11/99
 DONNA H. RATLIFF DATE
 B. SCOTT SHAWNEER
 COUNTY SURVEYOR
 6, SCOTT SHAWNEER
 11, SCOTT SHAWNEER
 12, SCOTT SHAWNEER
 13, SCOTT SHAWNEER
 14, SCOTT SHAWNEER
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 16, SCOTT SHAWNEER
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STATE DEPT. OF ASSESSMENTS & TAXATION
 HOWARD COUNTY
Bonnie Best-Drew
 RECEIVED BY:
 DATED 4/19/99 PLAT

RECORDED AS PLAT # _____
 ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

SHANABERGER & LANE
 8728 TOWN & COUNTRY BLVD.
 SUITE 201
 ELLICOTT CITY, MD 211043
 (410) 481-8563

FINAL PLAT
 LOTS 1-4
FINE PROPERTY
 4TH ELECTION DISTRICT, HOWARD COUNTY, MD
 1/4" MAP # _____ BLOCK # _____ PARCELS 03
 ZONED R-20
 SCALE: 1"=100'
 MAY 10, 1999
 PREPARED BY: FILED NONE
 SHEET 1 OF 1

M942942125-1543 F-99-184

Bricker, Robert

From: Bricker, Robert
Sent: Monday, February 27, 2012 4:43 PM
To: 'jbailey@fcc-eng.com'
Subject: Bankes proposal
Attachments: 6555 Cedar Lane_move 5 perc locations.pdf

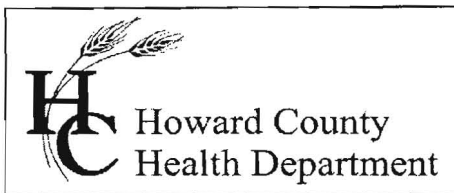
Jim, See attached PDF. Move perc locations 1, 3, 4, 6, and 10 as shown, and re-submit two copies of perc plan.
Robert

ROBERT BRICKER, CPSS, REHS/RS
ENVIRONMENTAL SANITARIAN SUPERVISOR
DEVELOPMENT COORDINATION SECTION, WELL AND SEPTIC PROGRAM
HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH
7178 COLUMBIA GATEWAY DRIVE
COLUMBIA, MD 21046

410-313-2691; fax, 410-313-2648
rbricker@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.



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

Date: April 18, 2012

To: Fisher, Collins & Carter, Inc.
C/o James Bailey
10272 Baltimore National Pike
Ellicott City, Maryland, 21042

RE: **Percolation Testing Report**
Subdivision: Cedarview, Lots #1 and #2
6555 Cedar Lane, Tax Map 35, Parcel 260

Mr. Bailey

Percolation testing was conducted on the referenced property on April 10, 2012. The purpose for conducting these percolation tests was to delineate a septic reserve area for an anticipated establishment of a sewage disposal area and to establish a new septic area for an existing lot.

Soil conditions observed were **satisfactory** for onsite wastewater treatment and disposal. A total of ten (10) test holes evaluated were found to be satisfactory with moderate percolation rates. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation. Field data collected is shown on the Percolation Test Worksheets enclosed with this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,

Dana Bernard, REHS/RS
Environmental Sanitarian
Well and Septic Program

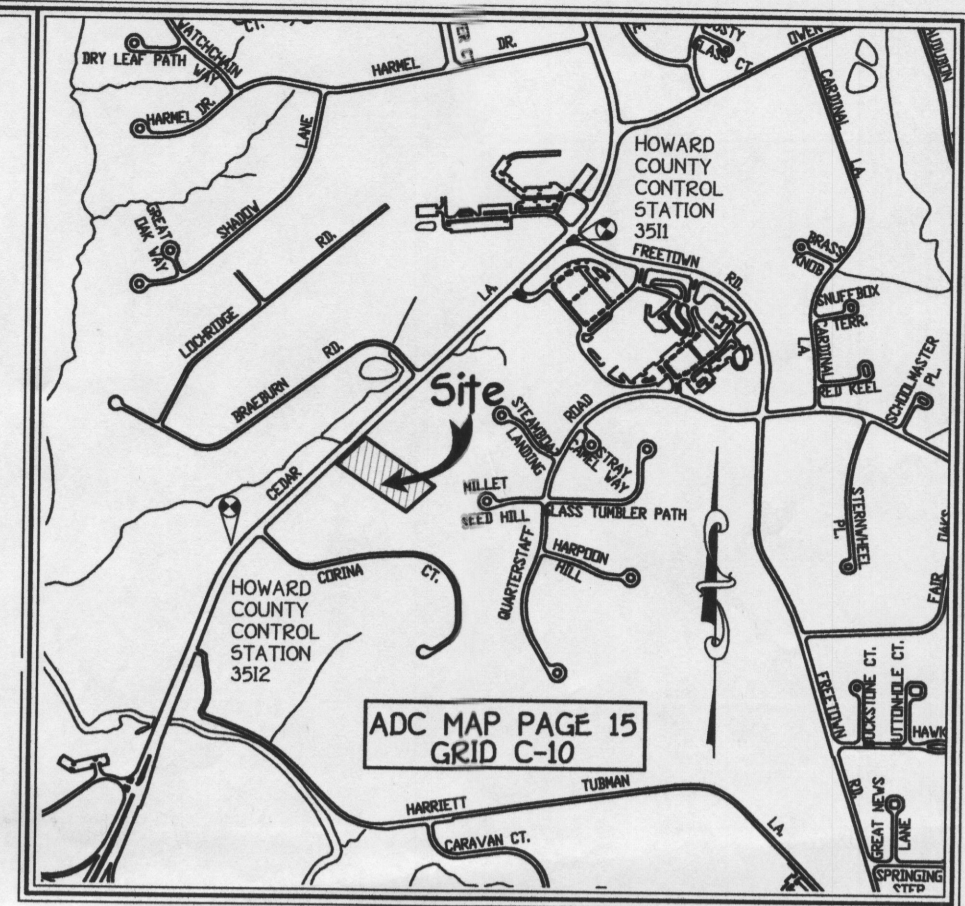
Enclosures (2)

CC: File

Homeowners- Mr. and Mrs. Bankes

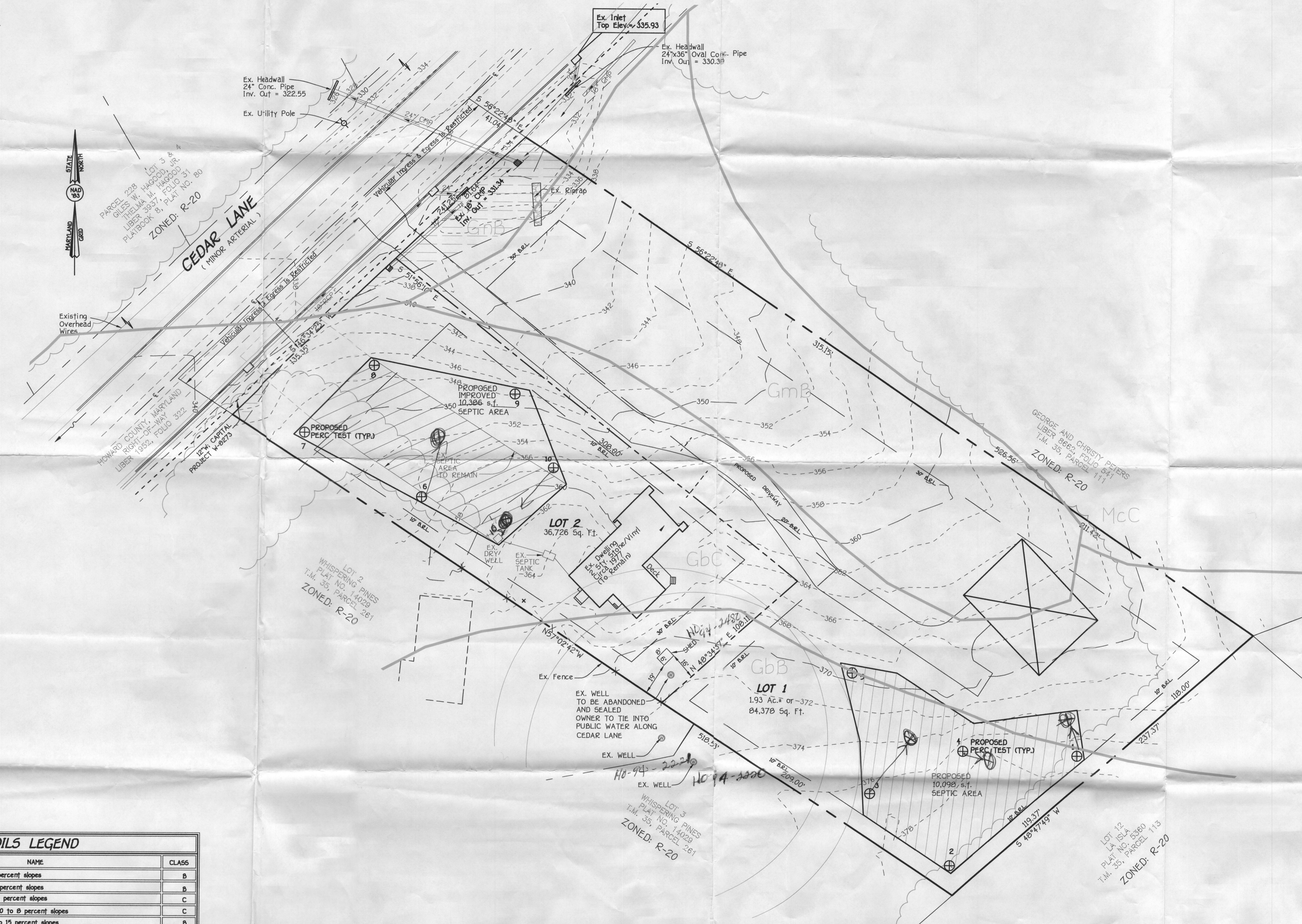
LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊕ DENOTES PROPOSED PERC
- ⊞ DENOTES PROPOSED HOUSE



GENERAL NOTES:

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3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS. 6. TOPOGRAPHY SHOWN IS FIELD RUN BY FISHER, COLLINS & CARTER. SHOW AT 2' CONTOUR INTERVAL.
7. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. DEED REFERENCE LIBER 1702 FOLIO 366.
10. THIS PLAT IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JUNE 7, 2007 BY FISHER, COLLINS & CARTER, INC.
11. PROPERTY SUBJECT TO WAIVER OF SECTION 14A OF VOLUME II, WATER AND SEWER OF THE HOWARD COUNTY DESIGN MANUAL WHICH ON JANUARY 27, 2012 THE BUREAU OF ENGINEERING APPROVED A WAIVER TO LOT 1 AND LOT 2 TO CONNECT TO THE PUBLIC SEWER SYSTEM WITH THE FOLLOWING CONDITION:
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12. LOTS 1 AND 2 OF THE CEDARVIEW DEVELOPMENT WILL BE CONNECTING TO PUBLIC WATER. THE WELL ON LOT 1 OF THE CEDARVIEW DEVELOPMENT WILL BE ABANDONED PRIOR TO RECORD PLAT SIGNATURE.



SOILS LEGEND

SOIL	NAME	CLASS
GbB	Gladstone loam, 3 to 8 percent slopes	B
GbC	Gladstone loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GmC	Glenville-Baile silt loams, 0 to 8 percent slopes	C
McC	Manor-channery loam, 0 to 15 percent slopes	B

- NOTES:**
- Hydric soils and/or contains hydric inclusions
 - ** May contain hydric inclusions
 - † Generally only within 100-year floodplain areas

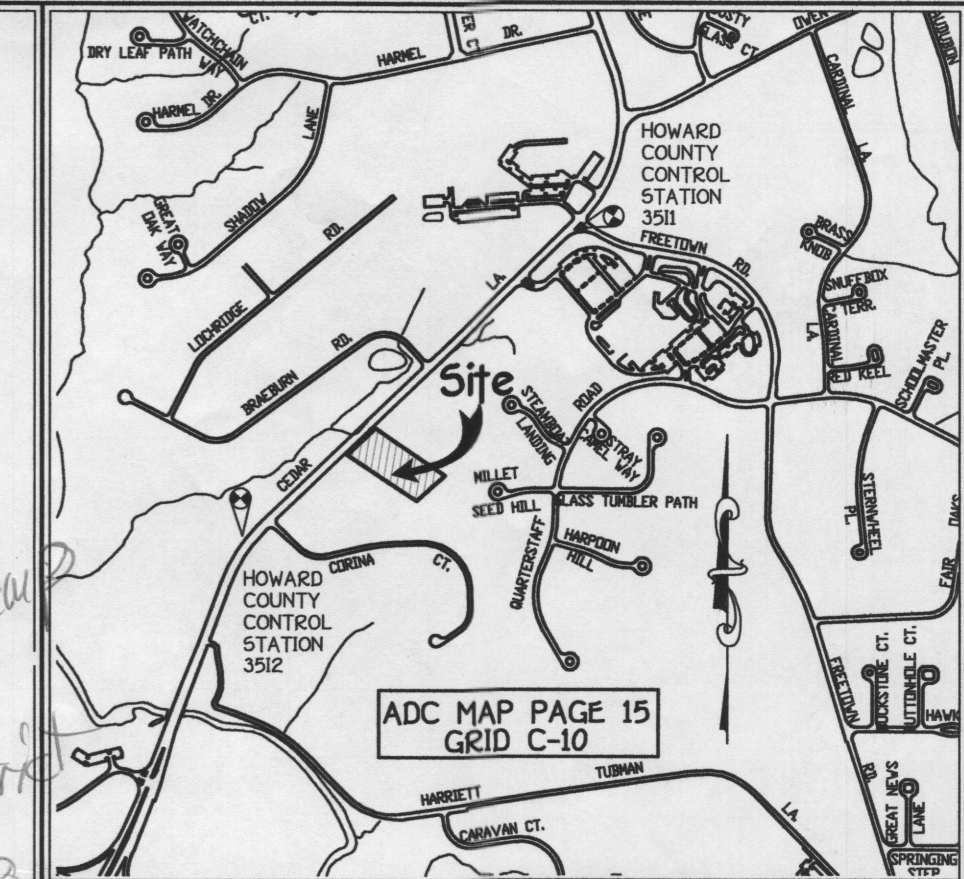
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENAL SQUARE OFFICE PARK - 30272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 410-481-2995

OWNER/DEVELOPER
 HOWARD F. BANKES JR.
 SHIRLEY ANN BANKES
 6555 CEDAR LANE
 COLUMBIA, MARYLAND 21044-4028
 410-531-3192

PERC APPLICATION PLAT
CEDARVIEW
 Lots 1 and 2
 TAX MAP *35 PARCEL *260
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 ZONED: R-20
 SCALE: 1"=30'
 DATE: FEBRUARY 10, 2012

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES FAILED PERC
- ⊕ DENOTES PASSED PERC
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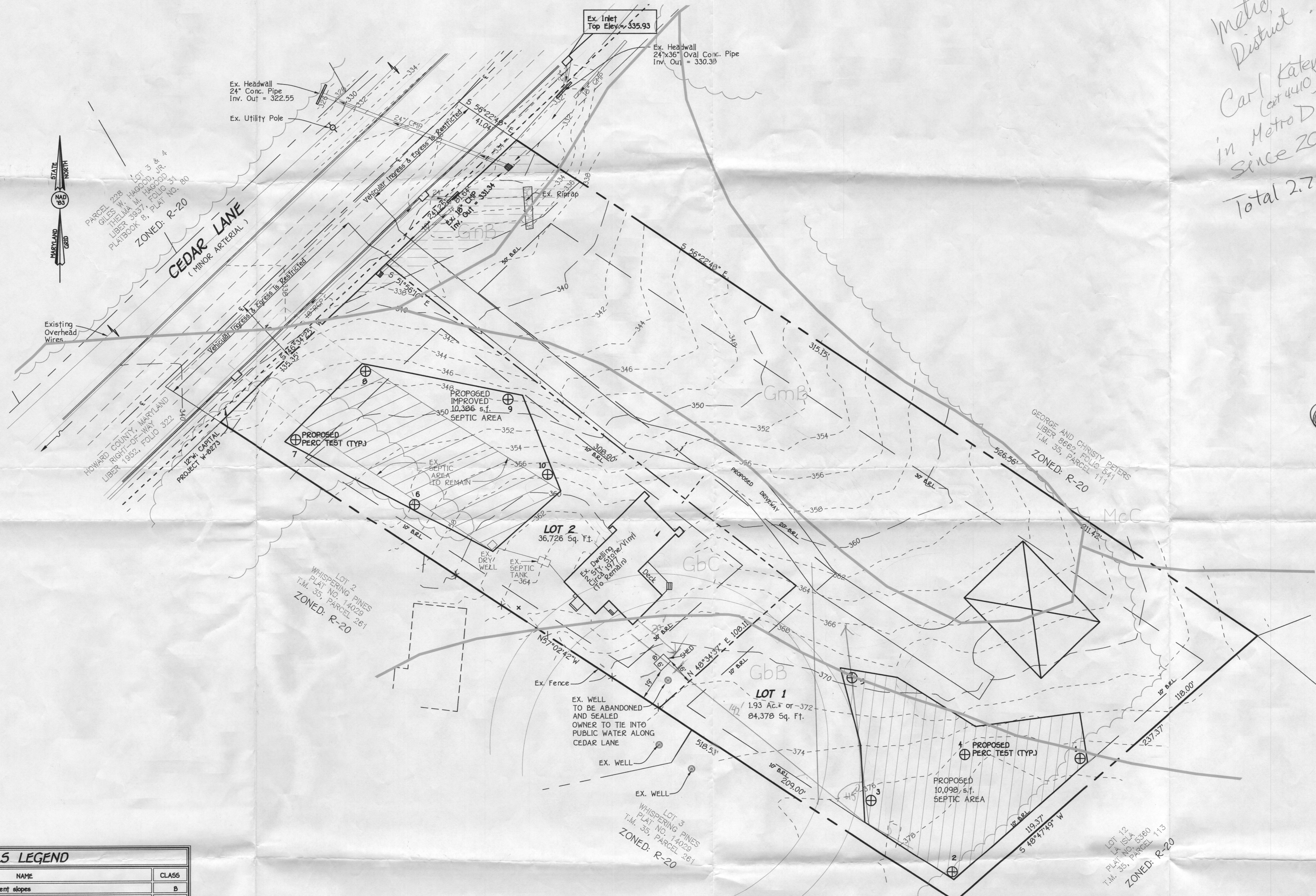


Metro District?
Carl Katenkauer
in Metro District
since 2008
Total 2.78 Acres.

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Sealed



SOILS LEGEND

SOIL	NAME	CLASS
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GbC	Gladstone loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GnB	Glenville-Balle silt loams, 0 to 8 percent slopes	C
McC	Honor-channery loam, 8 to 15 percent slopes	B

- NOTES:**
- Hydric soils and/or contains hydric inclusions
 - May contain hydric inclusions
 - † Generally only within 100-year floodplain areas

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELKROTT CITY, MARYLAND 20926
 410-461-2925

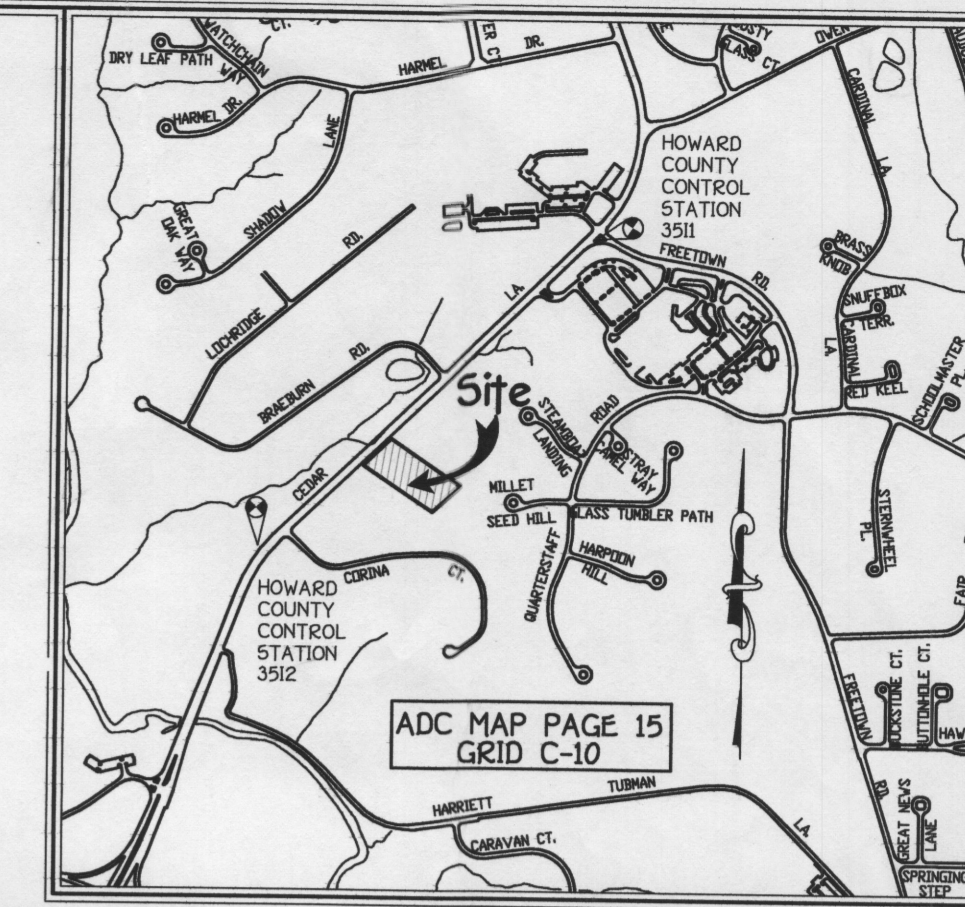
OWNER/DEVELOPER
 HOWARD F. BANKES JR.
 SHIRLEY ANN BANKES
 6555 CEDAR LANE
 COLUMBIA, MARYLAND 21044-1028
 410-531-3192

PERC APPLICATION PLAT
CEDARVIEW
 Lots 1 and 2
 TAX MAP #35 PARCEL #260
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 ZONED: R-20
 SCALE: 1"=30' DATE: FEBRUARY 10, 2012

F-08-195

LEGEND

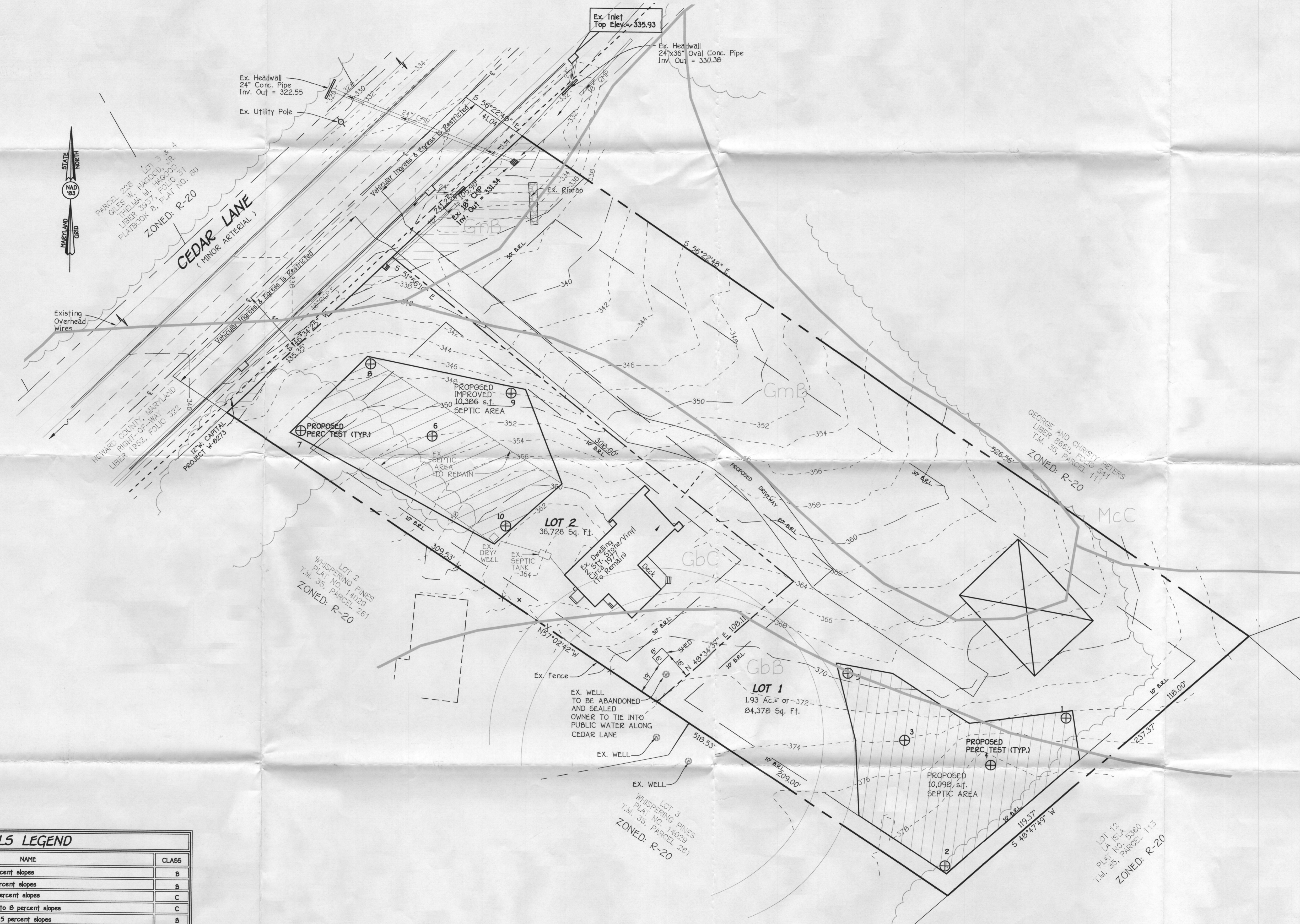
- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊕ DENOTES PROPOSED PERC
- ⊠ DENOTES PROPOSED HOUSE



VICINITY MAP
SCALE : 1" = 1200'

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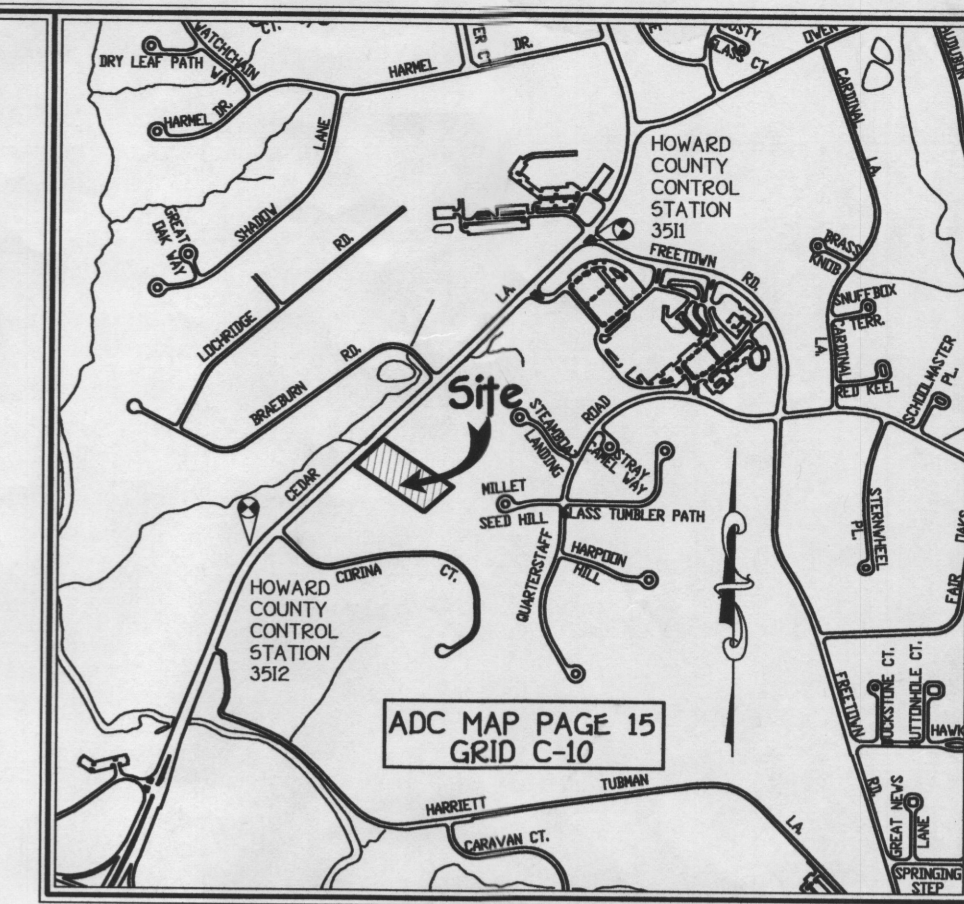
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ELKLOTT CITY, MARYLAND 21046
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OWNER/DEVELOPER
HOWARD F. BANKES JR.
SHIRLEY ANN BANKES
6555 CEDAR LANE
COLUMBIA, MARYLAND 21044-4028
410-531-3192

PERC APPLICATION PLAT
CEDARVIEW
Lots 1 and 2
TAX MAP *35 PARCEL *260
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
ZONED: R-20
SCALE: 1"=30' DATE: MARCH 1, 2012

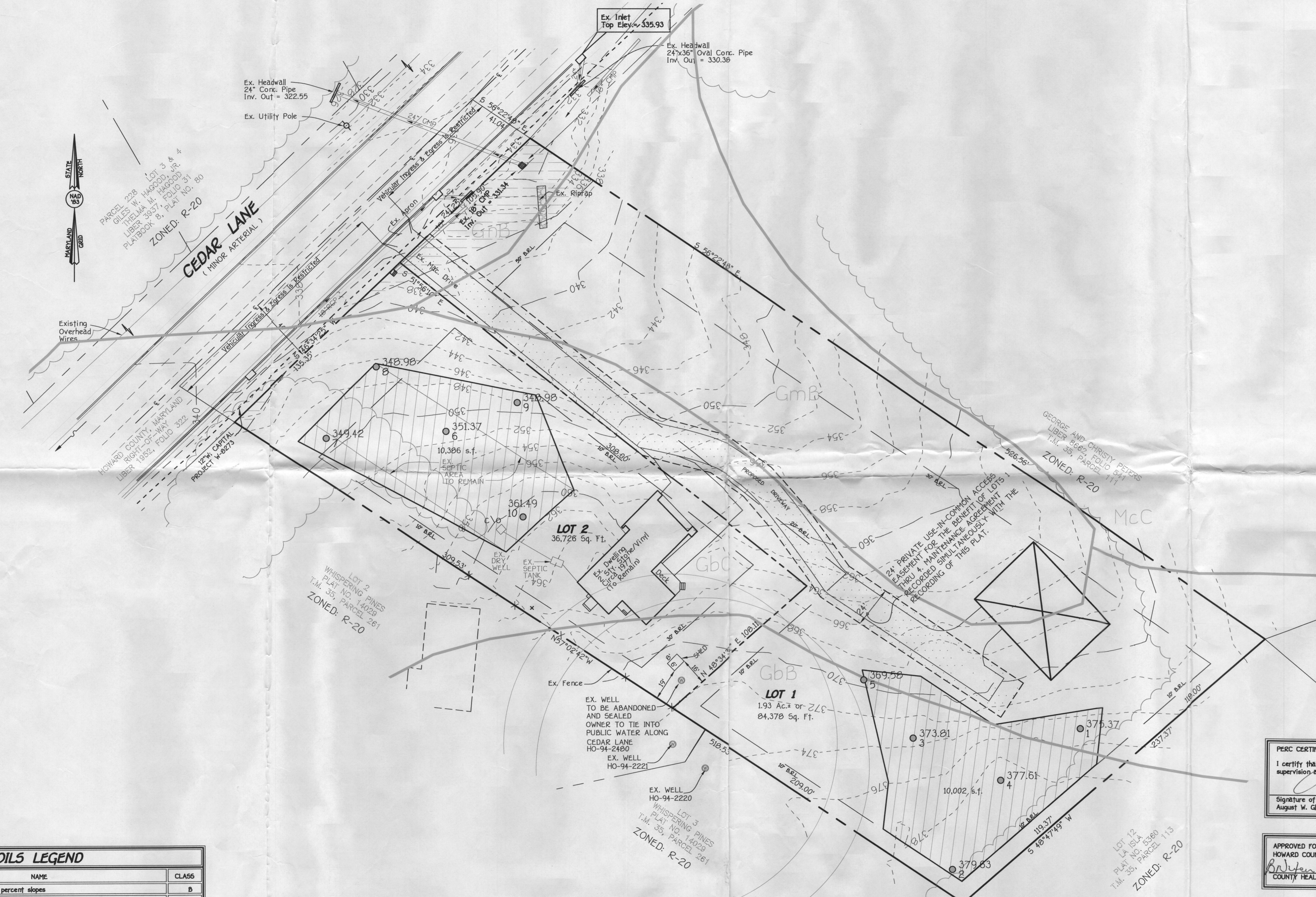
LEGEND

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 ELLICOTT CITY, MARYLAND 21114
 (410) 461-2895

OWNER/DEVELOPER
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 SHIRLEY ANN BANKES
 6555 CEDAR LANE
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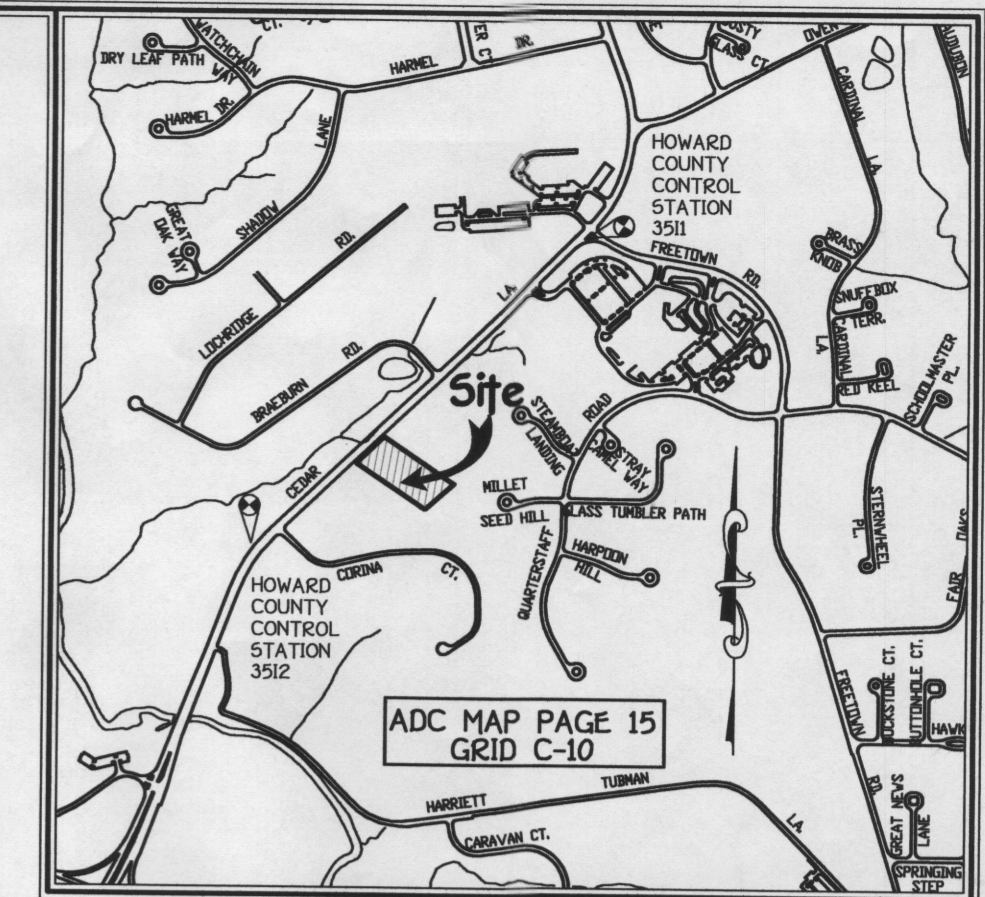
PERC CERTIFICATION
 I certify that the location shown on this plat is based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
 Signature of Professional Land Surveyor: August W. Glas, Professional Land Surveyor No. 21514 Expires 7/14/13
 Date: 5/15/12

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 Signature of County Health Officer: Peter Beilowson
 Date: 5/29/2012

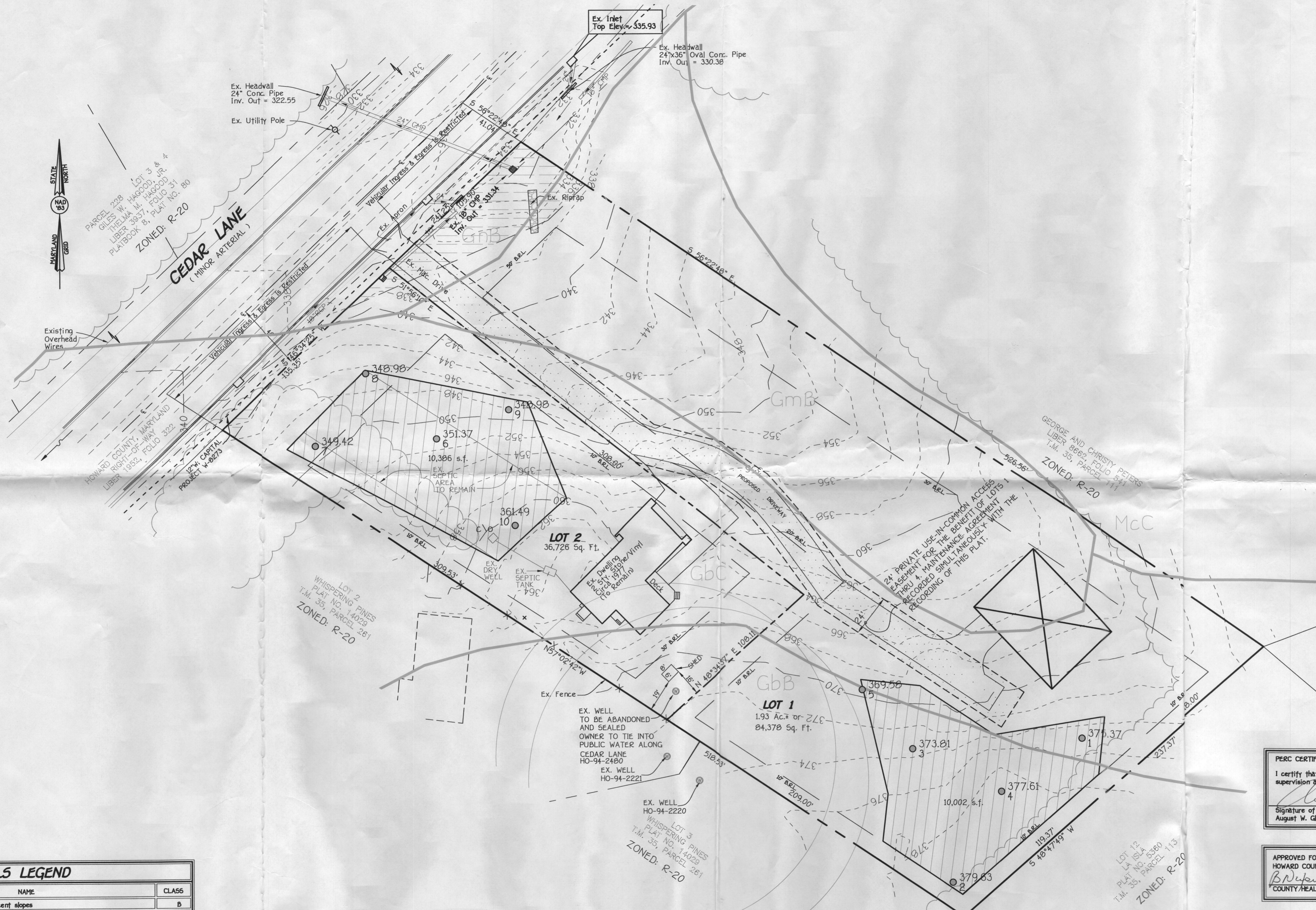
PERC CERTIFICATION PLAT
CEDARVIEW
 Lots 1 and 2
 TAX MAP 35 PARCEL #260
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 ZONED: R-20
 SCALE: 1"=30' DATE: MAY 15, 2012

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
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VICINITY MAP
SCALE: 1" = 1200'



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8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. DEED REFERENCE LIBER 1702 FOLIO 366.
10. THIS PLAT IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JUNE 7, 2007 BY FISHER, COLLINS & CARTER, INC.
11. PROPERTY SUBJECT TO WAIVER OF SECTION 14A OF VOLUME 11, WATER AND SEWER OF THE HOWARD COUNTY DESIGN MANUAL WHICH ON JANUARY 27, 2012 THE BUREAU OF ENGINEERING APPROVED A WAIVER TO LOT 1 AND LOT 2 TO CONNECT TO THE PUBLIC SEWER SYSTEM WITH THE FOLLOWING CONDITIONS:
 - a. LOTS 1 AND 2 OF THE CEDARVIEW DEVELOPMENT MUST CONNECT TO THE PUBLIC SEWER SYSTEM WITHIN ONE YEAR AFTER THE PUBLIC SEWER ABUTTING THE LOTS IS CONSTRUCTED AND PLACED IN SERVICE.
12. LOTS 1 AND 2 OF THE CEDARVIEW DEVELOPMENT WILL BE CONNECTING TO PUBLIC WATER. THE WELL ON LOT 1 OF THE CEDARVIEW DEVELOPMENT WILL BE SEALED PRIOR TO THE RECORD PLAT SIGNATURE.

SOILS LEGEND		
SOIL	NAME	CLASS
GbB	Gladesboro loam, 3 to 8 percent slopes	B
GbC	Gladesboro loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GmC	Glenville-Balle silt loams, 0 to 8 percent slopes	C
McC	Manor-channery loam, 8 to 15 percent slopes	B

- NOTES:**
- * Hydric soils and/or contains hydric inclusions
 - ** May contain hydric inclusions
 - † Generally only within 100-year floodplain areas

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTHAZAR NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
410-481-2995

OWNER/DEVELOPER
HOWARD F. BANKES JR.
SHIRLEY ANN BANKES
6555 CEDAR LANE
COLUMBIA, MARYLAND 21044-4028
410-531-3192

PERC CERTIFICATION

I certify that the locations shown on this plat are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor: August W. Glass, Professional Land Surveyor No. 21514 Expires 7/14/13
Date: 5/15/12

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Signature of Health Officer: [Signature]
Date: 5/29/12

PERC CERTIFICATION PLAT
CEDARVIEW
Lots 1 and 2
TAX MAP *35 PARCEL *260
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
ZONED: R-20
SCALE: 1"=30' DATE: MAY 15, 2012