

APPLICATION

PERCOLATION TESTING

A519615-A

P _____

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

DISTRICT _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Anglemyer LOT NO. Lot 1

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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.

(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

Pindell School Rd

COUNTY #

SOIL PROFILE

SP-4
 0' Dark Brown Lm
 1' Red/Brown orange cl
 3' Red, orange, brown tan Lm
 4 1/2' gray, tan Black, Brown micaceous sl
 10-15% Saprolite
 14'

Sp-3

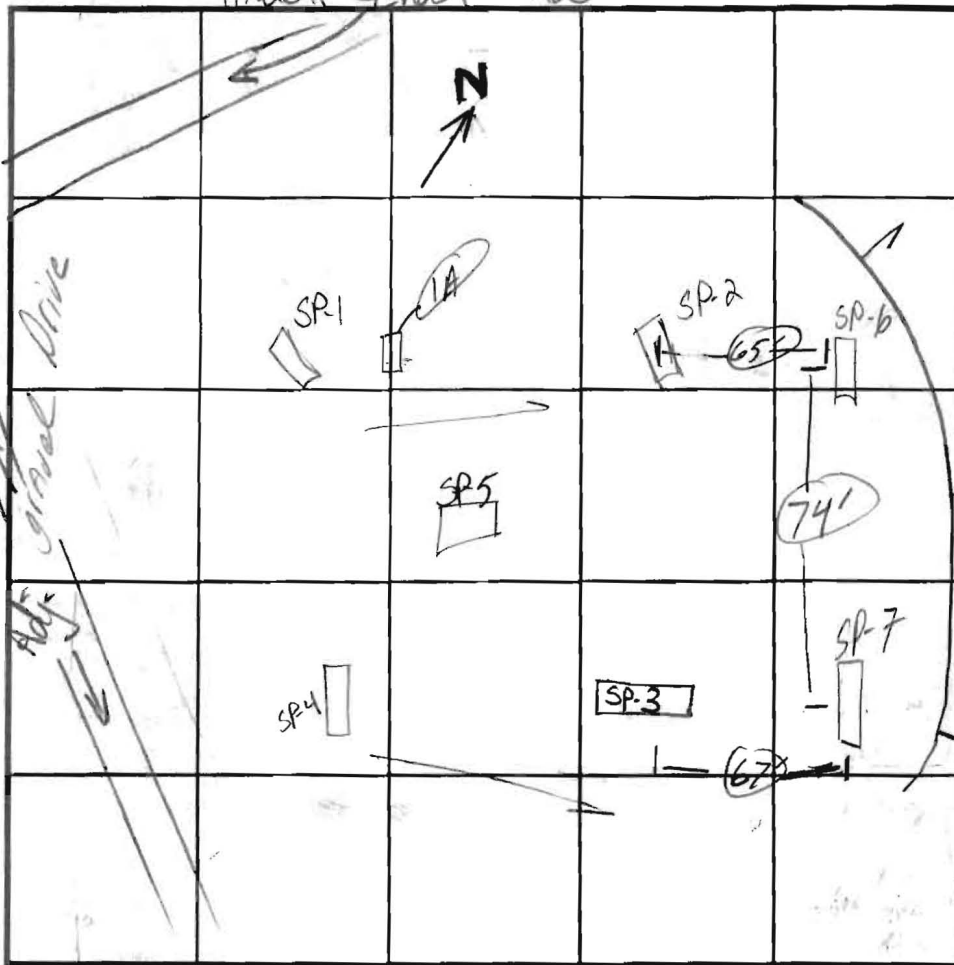
Brown Lm
 1' Orange, Red Brown Lm
 2 1/2' tan, gray Black, orange sl
 14' Rock Patch at smaller Rock Patch at 6' x 10' 25% cobble 15% Rock cobbly Rock

SP-1

Brown, tan Heavy Lm
 2' tan, Brown Gray Sand Hard Rock
 8-10' Rock

SOIL PROFILE

SP-2
 0' Brown Lm 11'
 Orange, Red Brown tan Scl 4'
 5' gray tan, Black Brown Sand 10% Rock
 14'
 SP-5
 Orange/Brown Scl 2'
 tan, gray Brown Sand 20-25% Saprolite 13 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/15/03	SP-2 v	6' - 14'	11:49:45	11:52:00	11:52:00	11:55:00	3 min
	SP-3 v	4'3" - 14'	11:59:55	12:01:40	12:01:40	12:05:40	4 min
	SP-5 v	13 1/2'	- visual -				OK
	SP-1 v	6-10?					F
	SP-4 v	14	OK				OK
	SP-6 v	11					OK
	SP-7 v	11					OK
	SP-1A v	11 1/2'					

REMARKS SP-3 uphill side better SP-1-2-3-4-5 PER PLAN; OTHERS NOT

TYPE OF SOIL

TESTED BY M. Ripkin/K. Bell

ALSO PRESENT Engineers, D. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3

TRENCH WIDTH 3

INLET DEPTH 3

MAXIMUM BOTTOM DEPTH 5

SQ. FT/BEDROOM 180 (X0.62)

ALL SYSTEMS SAME SPEC

SP-6

Brown Red
tan Scl

2'

tan gray
Brown Snd

(E)

35-45%
Rock : 25%
Rock

11'

SP-7

Tan Red
Brown Scl

2'

tan Brown
yellow gray

micous sl
20% ssprolite
↑ w/ depth

11'

1A

Brown
tan orange
Scl

3'

(N)

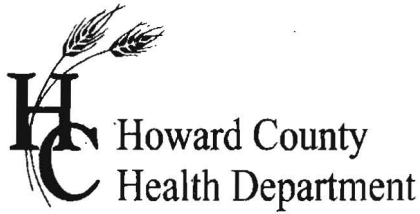
orange
Brown
fine lm

(S)

25% : 15%
Rock : Rock

7'

11 1/2'



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

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

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 _____ 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) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

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

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.

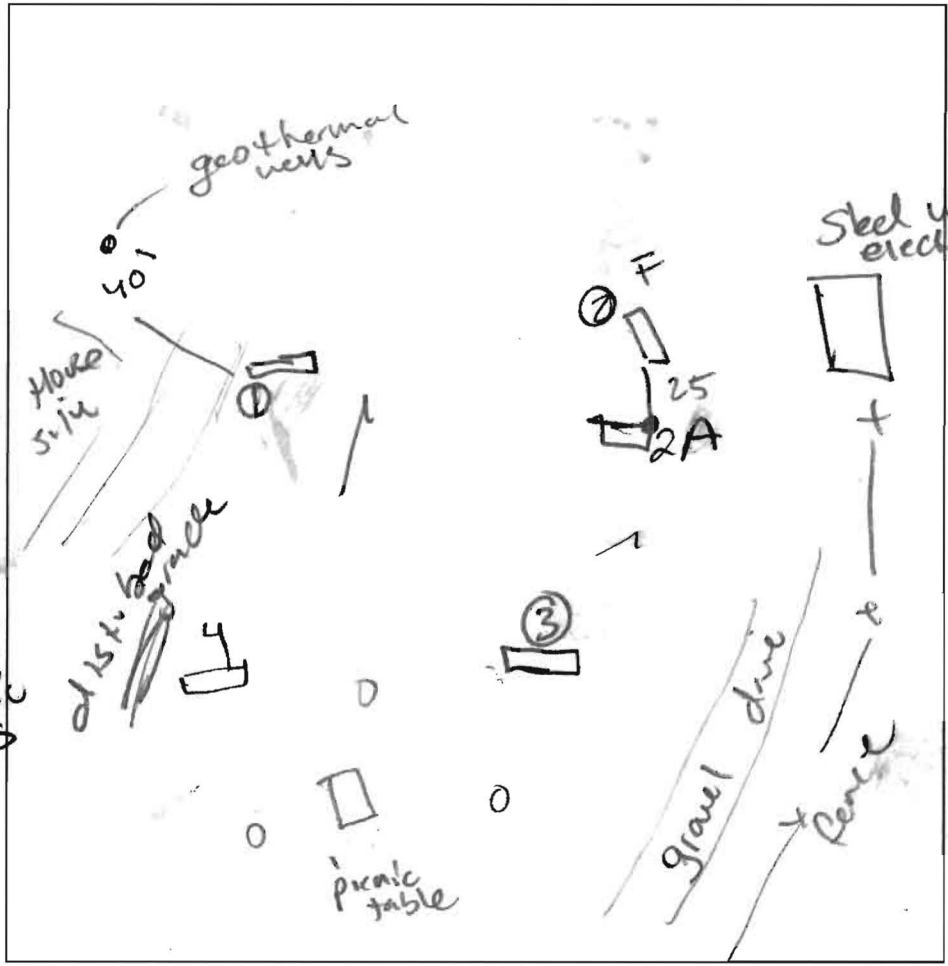
SIGNATURE OF APPLICANT _____

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP ①

4' L
 7
 9
 10
 12

brown
 v micaceous sil
 0-b
 fine sil
 very micaceous
 platy silt-micaceous
 35% cobbles
 P mottles



56"
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 1-10
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 massive
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 no rock

1 1/2
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 750%

②
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 micaceous
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 micaceous
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②A
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 very micaceous
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 fine micaceous
 0-b
 sil
 10-9-b
 sil
 25% cobbles

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
6/12	①	5/12	9:39 ⁴⁰	9:40 ³⁰	9:42 ⁴⁵	2:15	P
	2	4 1/4		visual			F
	3	4 1/4 / 11	8:55 ⁵⁰	9:00 ²⁰	9:04 ²⁰	4	P
	2A	4 1/2 / 12	9:56	10:03	10:16	13	P
	4	4 1/2 / 11	10:20	10:21 ¹⁵	10:23 ²⁵	2:10	P
	56-4	7 / 13	11:01	Parked Slow			
	56-2						
	56-4	8 / 13	11:45				

REMARKS 25' from closed loop Geothermal (Show on new Plan.)
 SANITARIAN PAY BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH 3 INLET DEPTH 2 1/2 MAX. BOT DEPTH 5 EFFECTIVE SW 3
 rock pocket. hole 2 - unpermitted electric lines to shed.

G & C Consultants, Inc.

Civil Engineering and Construction Management

5627 Allentown Road, Suite No. 105, Camp Springs, Maryland 20746, Phone: (301) 899-0598 FAX: (301) 899-3070

July 7, 2005

Mr. Peter A. Yencsik
Well and Septic Program
Howard County Health Department
7178 Columbia Gateway Drive
Columbia, MARYLAND 21046

Re.: PERCOLATION TEST RESULTS - A522482
Lots 1 & 2, Anglemyer Property

Dear Mr. Yencsik:

Attached is our combined **Percolation Certification / Building Permit Plan**, addressing the three comments you had on our previous submission, as follows:

1. Wells 1 and 2 are showing the Tag # assigned by the "Permit to Drill Well."
2. The septic tanks and Distribution Chamber have been relocated outside the septic field easement.
3. The trenches for systems I, II and III have been deleted from the plan.

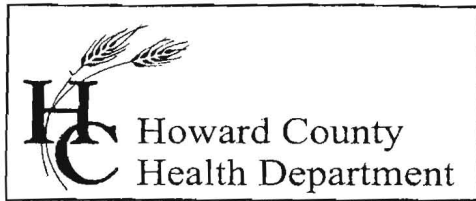
If you have any further questions, do not hesitate to give us a call.

Sincerely,

G&C Consultants, Inc.



Chiwen Kevin Liang, PE
Project Engineer



7178 Columbia 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

Penny E. Borenstein, M.D., M.P.H., Health Officer

June 13, 2005

Mr. Anglemyer
13107 Claxton Dr.
Laurel MD 20746

RE: PERCOLATION TEST RESULTS-A522482
Lots 1&2 Anglemyer Property

Dear Anglemyer:

Percolation testing conducted June 13, 2005 on the referenced property satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a revised percolation certification/building permit plan showing the following:

- 1) Actual locations and elevations of all excavated test holes
- 2) A suitable house and well site for each lot
- 3) Two replacement well sites or approximately 1500 square feet of approvable well area for each lot
- 4) All existing wells and septic reserve areas on the property
- 5) Locations of any other relevant features such as streams, swales, or existing structures
- 6) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) A note indicating that depicted topography reflects field-matched information
- 8) A health officer signature block stating "approved for private water and private sewerage systems"
- 9) A MDE sewage disposal area statement is required
- 10) A combination of both a perc cert /building permit plan will be accepted.

Additional test hole 2A was dug due to failed hole 2 in lot 1.

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Respectfully,

Peter A. Yencsik
Development Coordination Section
Well and Septic Program

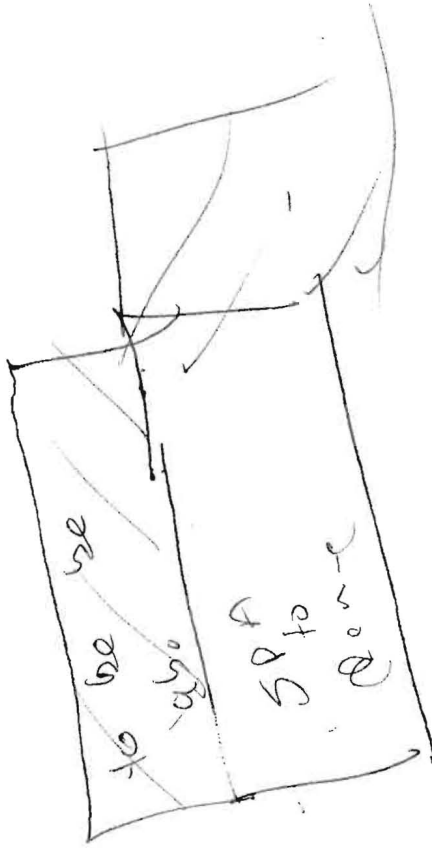
PY
Enclosures
cc: Mr. Liang
File

SIGNED PC 519615




EXISTING SEPTIC FIELD
Approved by
Howard County Health Department
Dated 11/4/75.

EX. WELL SITE OK
STAKED BY SURVEYOR MR 7/21/04



Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

Memorandum

To: Carletta McKnight
From: Stuart Oster 
Date: 7/28/2005
Re: Refund for 7039 Pindell School Road

On May 10, 2005, Fogle's Septic Clean, Inc., paid a fee of \$1012.00 for percolation and plan review. The receipt number was A522457. A copy of this receipt is attached, as well as the receipt for fee paid by owner at a later date. Subsequent to Fogle's paying for the permit, the owner decided to have someone else do the percolation tests for these two lots, so Dale Fogle has requested a refund. Please send the refund to Dale Fogle, Fogle's Septic Clean, Inc., 580 Obrecht Road, Sykesville, MD 21784.

Thank you for your assistance in this matter.

file copy

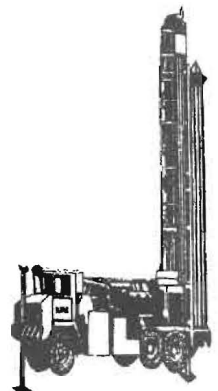
G. EDGAR HARR SONS' CORP.

12047 FALLS ROAD

COCKEYSVILLE, MARYLAND 21030

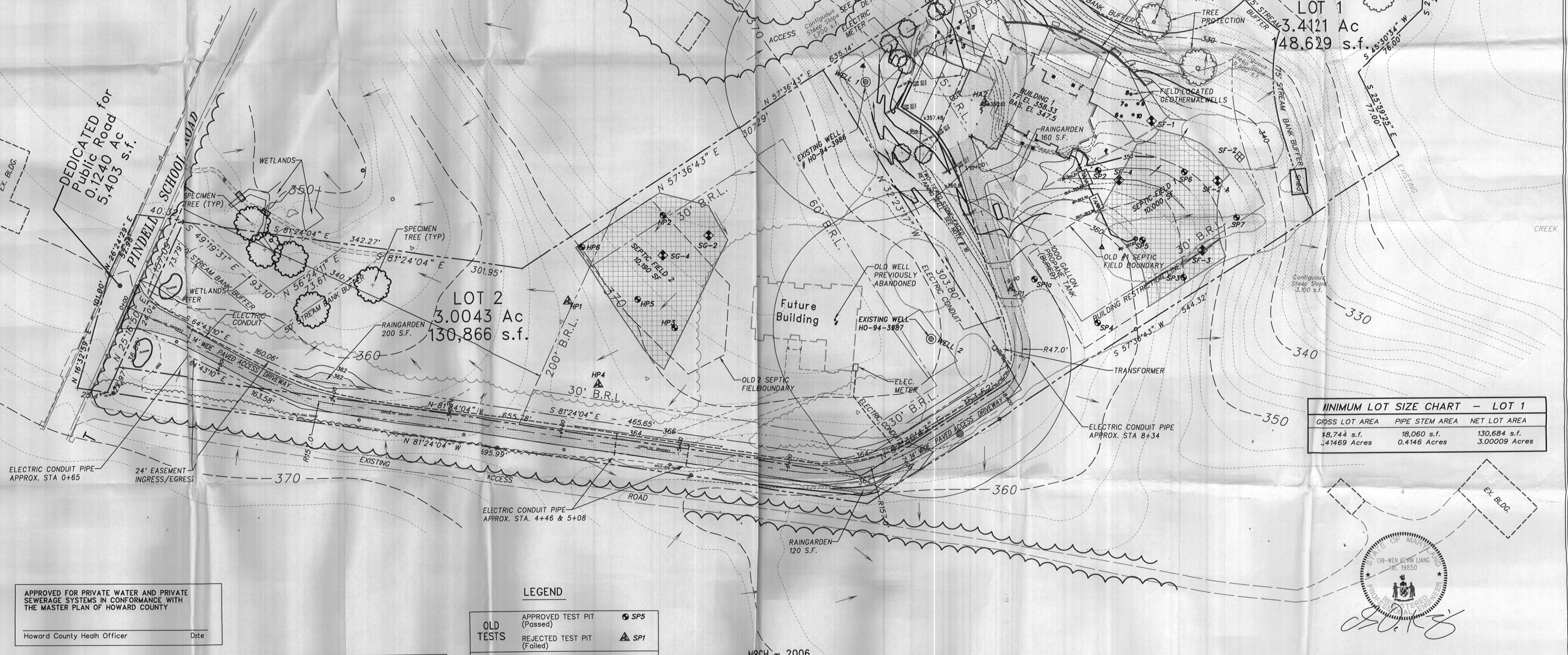
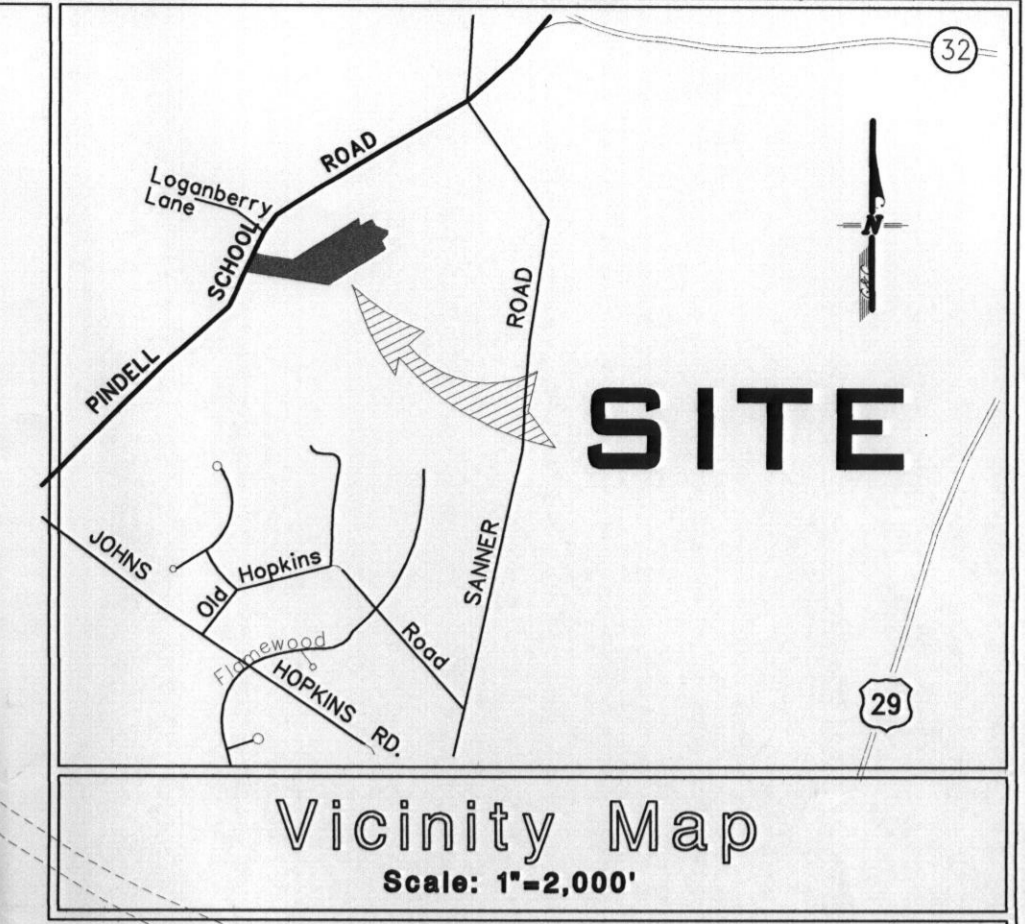
Enclosed is a permit application for 10 geo-thermal holes at 7039 Pindell School Rd. I have also enclosed a plat (1" = 20') showing the two areas that the contractor wants the holes drilled within. I have outlined the areas in yellow, and marked the hole locations in blue. There will be five 200' holes on one side and five 225' holes on the other. If you need to have the areas and hole locations staked, call me and I will have it taken care of. They want to drill these holes in 4 weeks, so please alert me to anything that you need for approval.

Michael Isom



GENERAL NOTES:

- PRIVATE WATER AND SEWER APPROVED BY HOWARD COUNTY HEALTH DEPARTMENT ON 03/30/04
- BOUNDARY SHOWN IS BASED ON PLAT PREPARED BY BELTWAY SURVEYS.
- TOPOGRAPHY BASED ON THE TOPOGRAPHIC COMPOSITE MAP OF HOWARD COUNTY, MARYLAND, 1998, AND FIELD VERIFIED BY G&C CONSULTANTS, INC.
- WELL 1 AND WELL 2 LOCATIONS HAVE BEEN STAKED-OUT BY G&C CONSULTANTS, INC.
- OLD WATER WELL SHOWN ON LOT 2 HAS BEEN FILLED AND SEALED BY A LICENCED WELL DRILLER.
- WETLANDS AND SPECIMEN TREES LOCATED BY MCCARTHY & ASSOCIATES AND FIELD VERIFIED BY G&C CONSULTANTS, INC.
- EXISTING PERENNIAL STREAM CLASS IV, FIELD LOCATED BY BELTWAY SURVEYS.
- 100 YEAR FLOOD PLAIN PLOTTED FROM STUDY BY G&C CONSULTANTS, INC.
- CONTINUOUS STEEP SLOPES ARE MARKED.
- NO STEEP SLOPES ARE DISTURBED.
- CURRENTLY THE DWELLING FOR LOT 1 IS UNDER CONSTRUCTION. THERE IS NO CONSTRUCTION TAKING PLACE ON LOT 2, BUT APPROXIMATE LOCATION OF FUTURE BUILDING IS SHOWN.
- LOT ZONED: RRDEO
- TAX MAP: 41 - PARCEL: 147
- ENTIRE PROPERTY SIZE: 6.558 AC.
- WAIVER PETITION WP 04-107 FROM THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, SECTION 16.120(B)(4)(II) HAS BEEN APPROVED ON MAY 4, 2004, PROVIDED THAT:
 - NO CONSTRUCTION, GRADING OR REMOVAL OF EXISTING VEGETATION SHALL OCCUR WITHIN THE STREAM, WETLANDS, THEIR BUFFERS, FLOOD PLAIN AREAS OR STEEP SLOPES.
 - AN ADDITIONAL "ENVIRONMENTAL BUILDING RESTRICTION LINE" SETBACK SHALL BE ESTABLISHED 35' AWAY FROM THE 75' STREAM BUFFER, THE EDGE OF STEEP SLOPES WITH AREAS OVER 20,000 s.f., AND A 25' WETLAND BUFFER SHALL BE SHOWN AROUND THE WETLANDS EXISTING ON LOT 2.
- THE TWO-TIERED RETAINING WALL SHOWN WAS BUILT FOLLOWING DETAILS AND SCHEDULE ON THE SITE PLAN. LOWER WALL HEIGHT VARIES FROM 3" TO 24" IN HEIGHT. UPPER WALL IS A MAXIMUM OF 36" IN HEIGHT.
- ALL EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARIES ARE SHOWN.
- LOT 1 HAS 10 (TEN) GEO-THERMAL WELLS DRILLED FOR HEATING & A/C. THESE WELLS HAVE BEEN FIELD LOCATED AND ARE SHOWN ON THIS PLAN.
- THE DEPICTED TOPOGRAPHY REFLECTS FIELD-MATCHED INFORMATION.



MINIMUM LOT SIZE CHART - LOT 1

GROSS LOT AREA	PIPE STEM AREA	NET LOT AREA
18,744 s.f.	18,060 s.f.	130,684 s.f.
341469 Acres	0.4146 Acres	3.00009 Acres

LEGEND

OLD TESTS	APPROVED TEST PIT (Passed)	SP5
	REJECTED TEST PIT (Failed)	SP1
NEW TESTS	NEW APPROVED TEST PIT (Passed)	SG-1
	NEW REJECTED TEST PIT (Failed)	SF-2
	GEO-THERMAL WELLS	8
	>25% SLOPES	[Symbol]

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Howard County Health Officer _____ Date _____

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED.

THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICE SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENTS. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

OIWER / BUILDER
 Jim S. and Agnes B. Anglemyer
 11317 Claxton Drive
 Laurel, MARYLAND 20708
 H 301-953-1890
 W 202-889-3615

DESIGN	SCALE
E.R.I.	1" = 40'
DRAWN	
CHECKED	NO. FILE
W.M.W.	1 OF 2
DATE	JOB
DEC2003	

G & C Consultants, Inc.
 Civil Engineering and Construction Management
 5827 Allentown Road, Suite 105
 Camp Springs, Maryland 20746
 Phone: (301) 899-0598 FAX: (301) 899-3070
 e-Mail: WMW3070@erols.com

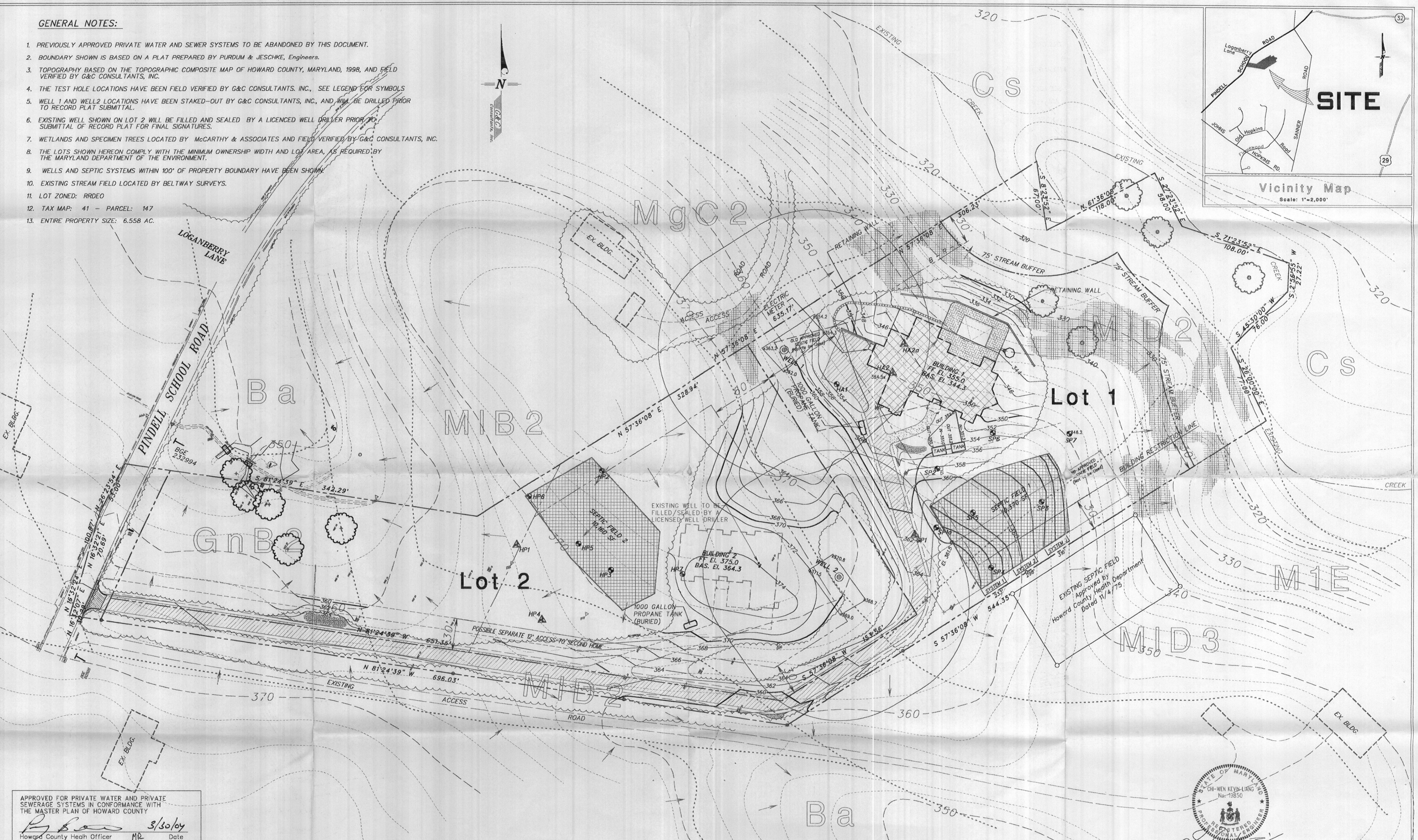
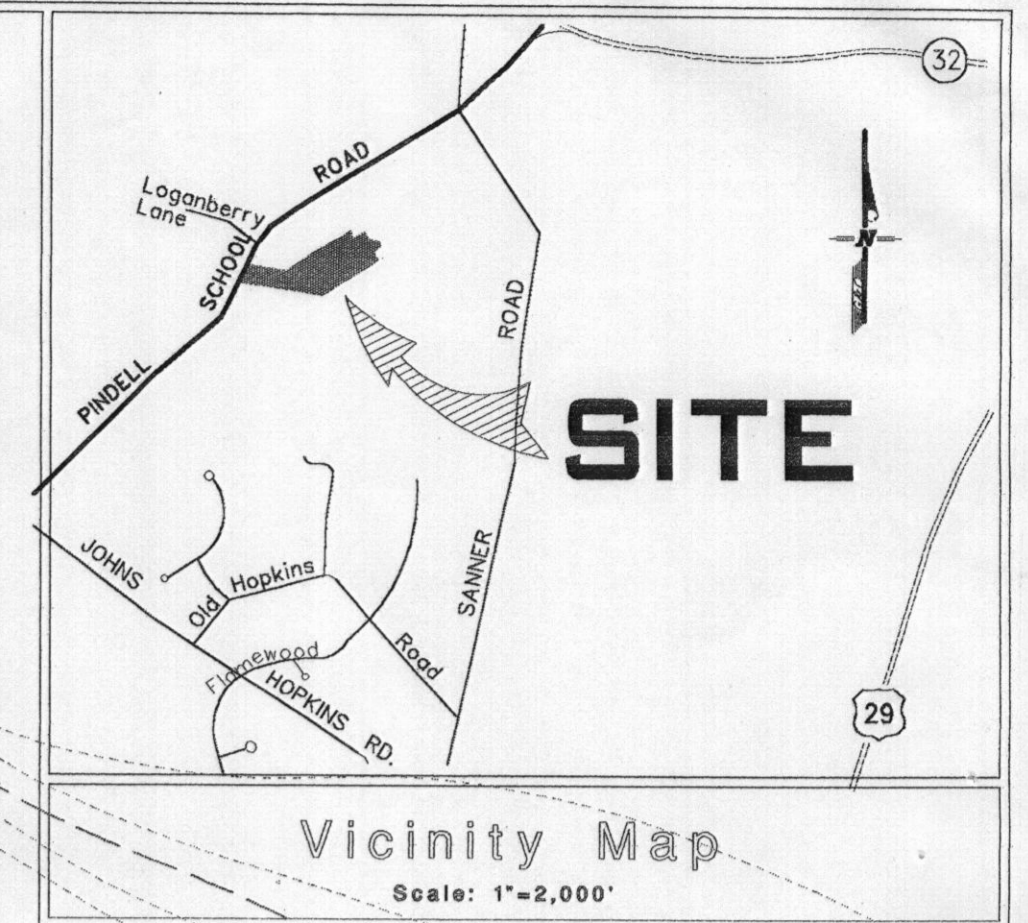
Anglemyer Property
 7039 Pindell School Road
 Howard County, Maryland

BUILDING PERMIT/PERG. CERTIFICATION PLAN

24JAN2004: 04:30 - ER 05JAN2004: 11:00 - ER 06JAN2004: 03:00 - ER 07JAN2004: 11:00 - ER 08JAN2004: 03:00 - ER 09JAN2004: 11:00 - ER 10JAN2004: 03:00 - ER 11JAN2004: 11:00 - ER 12JAN2004: 03:00 - ER 13JAN2004: 11:00 - ER 14JAN2004: 03:00 - ER 15JAN2004: 11:00 - ER 16JAN2004: 03:00 - ER 17JAN2004: 11:00 - ER 18JAN2004: 03:00 - ER 19JAN2004: 11:00 - ER 20JAN2004: 03:00 - ER 21JAN2004: 11:00 - ER 22JAN2004: 03:00 - ER 23JAN2004: 11:00 - ER 24JAN2004: 03:00 - ER 25JAN2004: 11:00 - ER 26JAN2004: 03:00 - ER 27JAN2004: 11:00 - ER 28JAN2004: 03:00 - ER 29JAN2004: 11:00 - ER 30JAN2004: 03:00 - ER 31JAN2004: 11:00 - ER 01FEB2004: 03:00 - ER 02FEB2004: 11:00 - ER 03FEB2004: 03:00 - ER 04FEB2004: 11:00 - ER 05FEB2004: 03:00 - ER 06FEB2004: 11:00 - ER 07FEB2004: 03:00 - ER 08FEB2004: 11:00 - ER 09FEB2004: 03:00 - ER 10FEB2004: 11:00 - ER 11FEB2004: 03:00 - ER 12FEB2004: 11:00 - ER 13FEB2004: 03:00 - ER 14FEB2004: 11:00 - ER 15FEB2004: 03:00 - ER 16FEB2004: 11:00 - ER 17FEB2004: 03:00 - ER 18FEB2004: 11:00 - 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GENERAL NOTES:

1. PREVIOUSLY APPROVED PRIVATE WATER AND SEWER SYSTEMS TO BE ABANDONED BY THIS DOCUMENT.
2. BOUNDARY SHOWN IS BASED ON A PLAT PREPARED BY PURDUM & JESCHKE, Engineers.
3. TOPOGRAPHY BASED ON THE TOPOGRAPHIC COMPOSITE MAP OF HOWARD COUNTY, MARYLAND, 1998, AND FIELD VERIFIED BY G&C CONSULTANTS, INC.
4. THE TEST HOLE LOCATIONS HAVE BEEN FIELD VERIFIED BY G&C CONSULTANTS, INC., SEE LEGEND FOR SYMBOLS
5. WELL 1 AND WELL 2 LOCATIONS HAVE BEEN STAKED-OUT BY G&C CONSULTANTS, INC., AND WILL BE DRILLED PRIOR TO RECORD PLAT SUBMITTAL.
6. EXISTING WELL SHOWN ON LOT 2 WILL BE FILLED AND SEALED BY A LICENCED WELL DRILLER PRIOR TO SUBMITTAL OF RECORD PLAT FOR FINAL SIGNATURES.
7. WETLANDS AND SPECIMEN TREES LOCATED BY McARTHUR & ASSOCIATES AND FIELD VERIFIED BY G&C CONSULTANTS, INC.
8. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA, AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
9. WELLS AND SEPTIC SYSTEMS WITHIN 100' OF PROPERTY BOUNDARY HAVE BEEN SHOWN.
10. EXISTING STREAM FIELD LOCATED BY BELTWAY SURVEYS.
11. LOT ZONED: RRDEO
12. TAX MAP: 41 - PARCEL: 147
13. ENTIRE PROPERTY SIZE: 6.558 AC.



APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY
 Howard County Health Officer MR Date 3/30/04

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

- LEGEND**
- APPROVED TEST PIT (Passed) SP5
 - REJECTED TEST PIT (Failed) SP1
 - >25% SLOPES

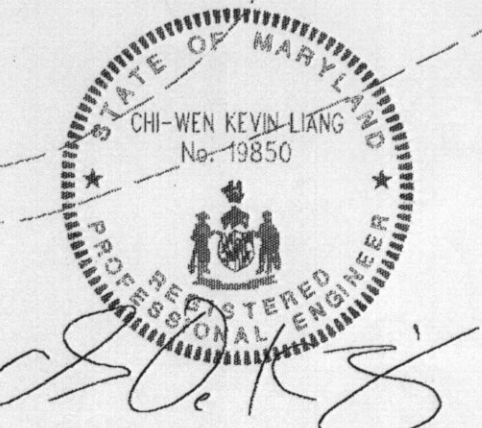
TOTAL DISTURBED AREA : 2.4 AC.

OWNER / BUILDER
 James Anglemyer
 WCS Construction, LLC
 3303 Stanton Road, SE
 Washington, DC 20020
 Voice: 202-889-3615 - Fax: 202-889-8875

DESIGN	E.R.I.	SCALE	1" = 40'
DRAWN	W.W.W.	FILE	wd\j\anglemyer\loc-well-location
CHECKED	W.W.W.	DATE	DEC2003
DATE	DEC2003	JOB	1 of

G & C Consultants, Inc.
 Civil Engineering and Construction Management
 5527 Allentown Road, Suite 105
 Camp Springs, Maryland 20746
 Phone: (301) 898-0588 FAX: (301) 898-3070
 e-Mail: WNW3070@aol.com

James Anglemyer Residence
 7039 Pindell School Road
 Howard County, Maryland
SIGNED
PERCOLATION CERTIFICATION PLAN

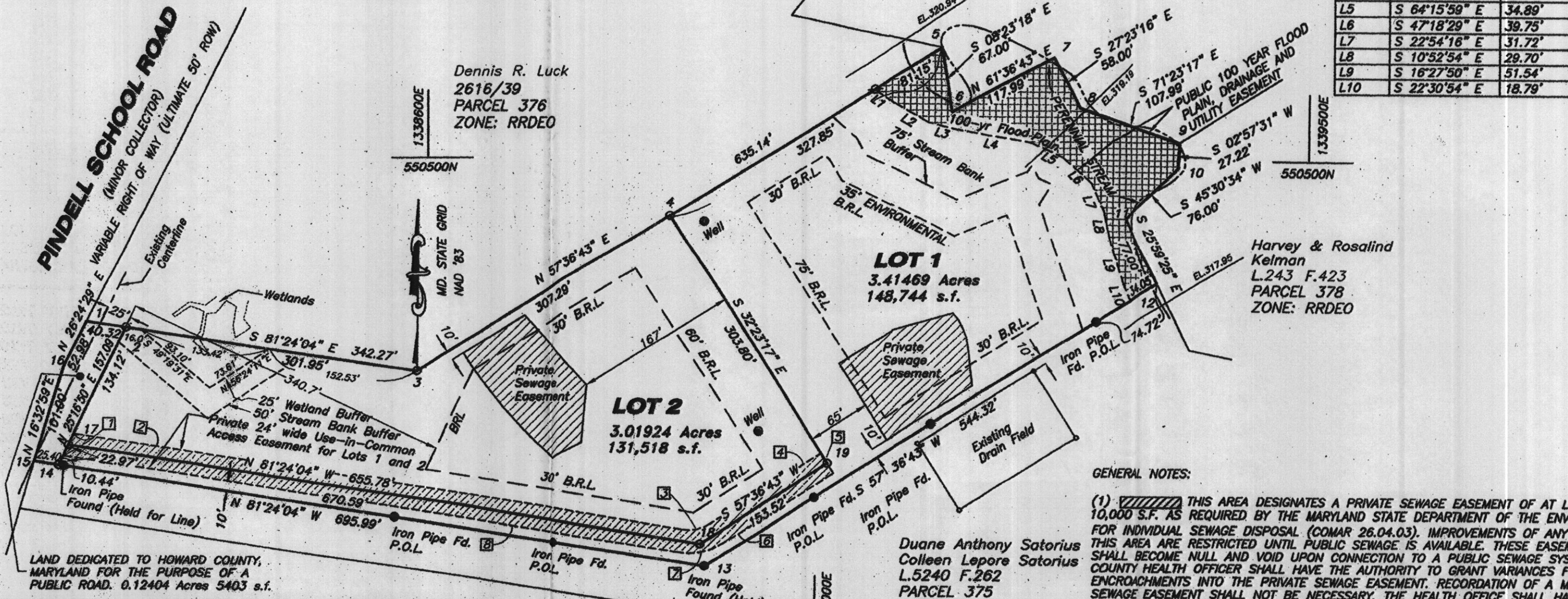


PC 519615

2/26/2003: 04:30 - ER 05/24/2004: 11:00 - ER 06/24/2004: 03:00 - ER 12/24/2004: 05:00 - ER 14/24/2004: 05:00 - ER 16/28/2004: 04:00 - ER 17/28/2004: 03:00 - ER 20/28/2004: 02:00 - ER 28/28/2004: 04:00 - ER 09/08/2004: 01:00 - ER 11/08/2004: 11:00 - ER 17/08/2004: 03:00 - ER

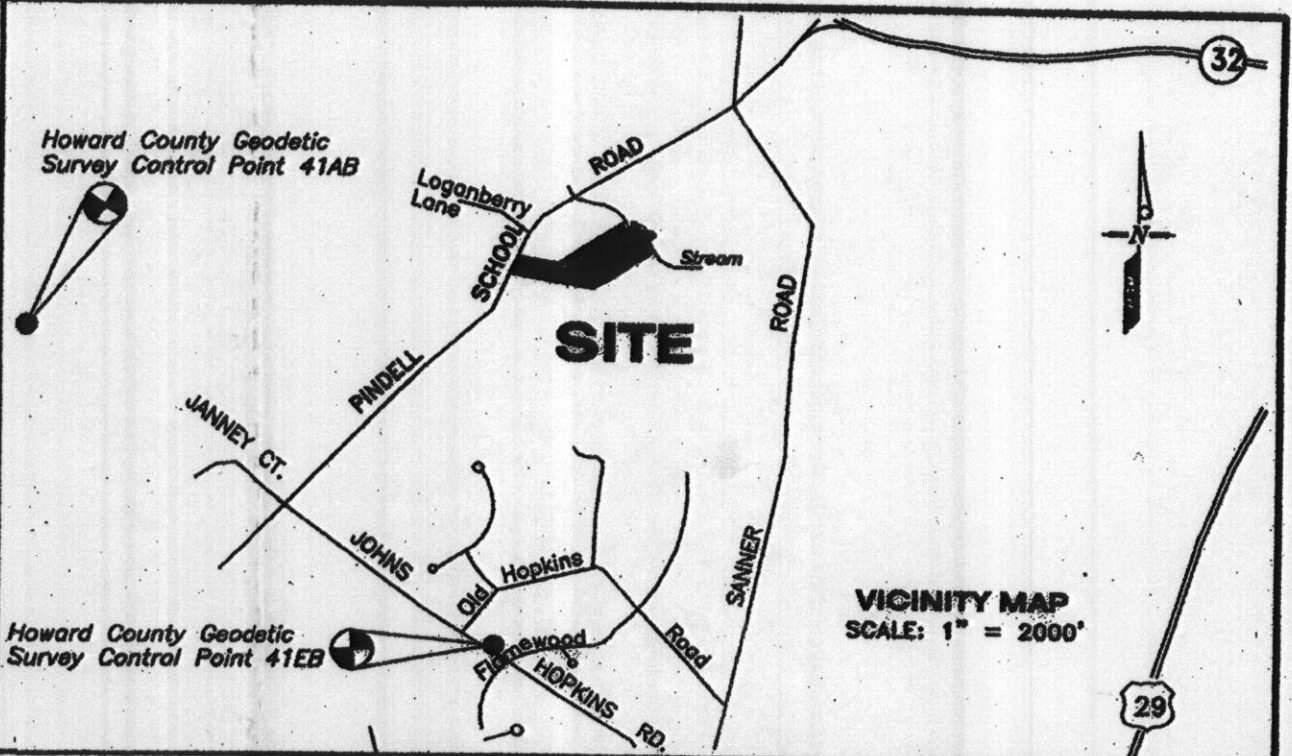
MINIMUM LOT SIZE CHART

LOT NO.	GROSS AREA	PIPE STEM AREA	MINIMUM LOT SIZE
1	3.41469 Ac 148,744 s.f.	0.41460 Ac 18,060 s.f.	3.00009 Ac 130,684 s.f.



100-YEAR FLOOD PLAIN

NUMBER	DIRECTION	DISTANCE
L1	S 53°47'48" E	23.72'
L2	S 81°16'40" E	39.71'
L3	S 76°00'49" E	30.11'
L4	S 80°27'11" E	78.00'
L5	S 64°15'59" E	34.89'
L6	S 47°18'29" E	39.75'
L7	S 22°54'16" E	31.72'
L8	S 10°52'54" E	29.70'
L9	S 16°27'50" E	51.54'
L10	S 22°30'54" E	18.79'



- GENERAL NOTES (Continued):
- (15) WAIVER PETITION, WP 04-107/ANGLMYER PROPERTY, TO WAIVE SECTION 16.120(b)(4)(iii) WHICH PROHIBITS THE PLACEMENT OF FLOOD PLAIN, WETLANDS, STREAMS, THEIR BUFFERS AND FOREST CONSERVATION EASEMENTS ON LOTS LESS THAN 10 ACRES WAS APPROVED BY LETTER DATED MAY 4, 2004 WITH TWO CONDITIONS THAT ARE SHOWN ON THIS PLAT.
 - CONDITION #1: NO CONSTRUCTION, GRADING OR REMOVAL OF EXISTING VEGETATION SHALL OCCUR WITHIN THE STREAM, WETLANDS, THEIR BUFFERS, FLOOD PLAIN AREAS OR STEEP SLOPES.
 - CONDITION #2: AN ADDITIONAL "ENVIRONMENTAL BUILDING RESTRICTION LINE" SETBACK SHALL BE ESTABLISHED 35' AWAY FROM THE 75' STREAM BANK BUFFER, THE EDGE OF STEEP SLOPES WITH AREAS OVER 20,000 S.F. AND A 25' WETLAND BUFFER SHALL BE SHOWN AROUND THE WETLANDS EXISTING ON LOT 2.
 - (16) DRIVEWAYS SHALL BE CONSTRUCTED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - a) WIDTH - 12 FEET (14' FEET SERVING MORE THAN ONE RESIDENCE). CORRESPONDING EASEMENT WIDTHS ARE 18 FEET FOR 12 FOOT WIDTH AND 24 FEET FOR 14 FOOT WIDTH.
 - b) SURFACE - 8" OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.
 - c) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.
 - d) STRUCTURE (CULVERT/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).
 - e) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACES.
 - f) STRUCTURE CLEARANCES - MINIMUM 12 FEET.
 - g) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
 - (17) WATER QUALITY VOLUME AND GROUNDWATER RECHARGE VOLUME FOR ALL IMPERVIOUS SURFACES ON THIS SITE ARE BEING MANAGED BY BIORETENTION IN ACCORDANCE WITH SECTION 3.4 OF THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II. CHANNEL PROTECTION VOLUME IS NOT REQUIRED FOR THIS SITE, SINCE THE ONE YEAR RATE OF RUNOFF IS LESS THAN 2.0 CFS.
 - (18) WETLAND DELINEATION WAS PREPARED BY MCCARTHY & ASSOCIATES, INC. DATED MARCH 4, 2004.
 - (19) NO CEMETERIES EXIST ON THIS SITE BASED ON SITE INSPECTION AND BASED ON AN EXAMINATION OF THE HOWARD COUNTY CEMETERY INVENTORY MAP.
 - (20) LANDSCAPING FOR LOTS 1 & 2 IS ON FILE WITH THIS PLAT AND PROVIDED IN ACCORDANCE WITH A CERTIFIED LANDSCAPE PLAN IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. CREDIT IS TAKEN FOR EXISTING TREES. NO SURETY IS REQUIRED.
 - (21) THIS PLAT IS IN COMPLIANCE WITH THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT.
 - (22) 100 YEAR FLOOD PLAIN EXIST ON LOT 1. FLOOD PLAIN SHOWN THIS PLAT.
 - (23) NO PREVIOUS DEPARTMENT OF PLANNING AND ZONING FILE NUMBERS EXISTS FOR THIS PROPERTY.
 - (24) A USE-IN-COMMON MAINTENANCE AGREEMENT FOR THE SHARED DRIVEWAY FOR LOTS 1 AND 2 SHALL BE RECORDED SIMULTANEOUSLY WITH THIS PLAT IN THE LAND RECORDS OFFICE OF HOWARD COUNTY, MARYLAND.
 - (25) A FEE-IN-LIEU OF OPEN SPACE IN THE AMOUNT OF \$1500.00 HAS BEEN PROVIDED.

- GENERAL NOTES:
- (1) 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 (COMAR 26.04.03). 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 EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY. THE HEALTH OFFICE SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENTS.
 - (2) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - (3) SUBJECT PROPERTY ZONED RR-DEO PER 2/02/04 COMPREHENSIVE ZONING PLAN.
 - (4) THIS PLAT IS BASED ON FIELD RUN AND MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JANUARY 2004, BY BELTWAY SURVEYS.
 - (5) B.R.L. INDICATES BUILDING RESTRICTION LINE
 - (6) ● DENOTES IRON PIPE OR IRON BAR FOUND
 - (7) ○ DENOTES IRON PIN SET WITH CAP "WLC 80"
 - (8) ⊕ DENOTES POINT ON LINE (POL) SET WITH CAP "WLC 80"
 - (9) □ DENOTES CONCRETE MONUMENT SET WITH CAP "WLC 80" (NONE THIS PLAT)
 - (10) ⊞ DENOTES CONCRETE MONUMENT OR STONE FOUND (NONE THIS PLAT)
 - (11) ALL AREAS ARE "MORE OR LESS".
 - (12) FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG/PIPESTEM AND THE ROAD RIGHT OF WAY AND NOT ONTO THE FLAG/PIPESTEM AND THE ROAD RIGHT OF WAY AND NOT ONTO THE FLAG/PIPESTEM DRIVEWAY.
 - (13) COORDINATES BASED ON M.D. 83; MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 41 AB & 41 EB. CONTROL POINT 41 AB IS A CONCRETE MONUMENT LOCATED 14.5' SOUTH OF C/L OF SIMPSON ROAD AND 18.5' EAST OF BG&E POLE #133799 (EAST OF DRIVEWAY TO #11981). NORTH 549577.843 EAST 1332841.009 ELEVATION 506.502. CONTROL POINT 41 EB IS A CONCRETE MONUMENT LOCATED 10.2' NORTH OF THE NORTH EDGE OF PAVEMENT OF JOHNS HOPKINS ROAD, 123.5' EAST OF BG&E POLE #133821 (EAST SIDE OF OLD HOPKINS ROAD), NORTH 546222.246 EAST 1337778.132 ELEVATION 463.857.
 - (14) THIS PROJECT IS EXEMPT FROM THE FOREST CONSERVATION REQUIREMENT PER SECTION 16.1202 (b) (1) (viii) MINOR SUBDIVISION THAT CREATES ONE ADDITIONAL LOT AND HAVE NO FURTHER SUBDIVISION POTENTIAL.

COORDINATE TABLE

Node ID	Northing	Easting
1	550325.89	1338251.33
2	550319.86	1338291.20
3	550274.72	1338569.75
4	550439.32	1338849.24
5	550614.93	1339126.09
6	550548.85	1339135.86
7	550604.74	1339239.67
8	550553.24	1339266.35
9	550518.78	1339368.69
10	550491.59	1339367.28
11	550438.33	1339313.07
12	550369.12	1339346.81
13	550077.56	1338887.17
14	550177.82	1338224.11
15	550181.62	1338199.00
16	550278.43	1338227.77
17	550198.59	1338233.92
18	550100.54	1338882.33
19	550182.77	1339011.97

PRIVATE 24' WIDE USE-IN-COMMON ACCESS EASEMENT FOR LOTS 1 & 2

1	N 25°16'50" E 25.05'
2	S 81°24'04" E 632.75'
3	R=40.00' A=28.81' CHD=28.01' CB=N78°06'19"E
4	N 57°36'43" E 134.09'
5	S 32°23'17" E 24.00'
6	S 57°36'43" W 134.09'
7	R=64.00' A=45.78" CHD=44.81' CB=N78°06'19"E
8	S 81°24'04" E 639.94'

NOTE: ALL COORDINATE VALUES SHOWN ARE BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM M.D. 83 AND REFER TO HOWARD COUNTY GEODETIC CONTROL POINTS 41AB, 41EB AND HARRIS AZ MARK. SCALE FACTOR OF 0.999946858 HAS BEEN APPLIED TO ALL DISTANCES.

Owner Developer
Jim Anglemyer & Agnes B. Anglemyer
13107 CLAXTON DRIVE
LAUREL, MD 20708
Tele: 301-953-1890

THE REQUIREMENTS OF 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 PLAT AND THE SETTING OF MARKERS, HAVE BEEN COMPLIED WITH.

William L. Clark 9/27/04
WILLIAM L. CLARK
PROPERTY LINE SURVEYOR, #80

Jim S. Anglemyer Agnes B. Anglemyer
JIM S. ANGLEMYER (OWNER) AGNES B. ANGLEMYER (OWNER)

AREA TABULATION

NUMBER OF BUILDABLE LOTS: 2
 NUMBER OF NON-BUILDABLE LOTS: 0
 NUMBER OF OPEN SPACE LOTS: 0
 NUMBER OF PRESERVATION PARCELS: 0
 TOTAL NUMBER OF LOTS TO BE RECORDED: 2
 AREA OF BUILDABLE LOTS: 6.43393 acres
 AREA OF NON-BUILDABLE LOTS: 0
 AREA OF OPEN SPACE: 0
 AREA OF PRESERVATION PARCELS: 0
 TOTAL AREA OF LOTS AND/OR PARCELS: 6.43393 ac
 TOTAL AREA OF ROADWAY DEDICATION: 0.12404 ac
 TOTAL AREA OF SUBD. TO BE RECORDED: 6.55797 ac

APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN FOR HOWARD COUNTY.

William L. Clark 10/21/07
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Mark DeLough 11/6/04
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Mark DeLough 11/12/04
DIRECTOR DATE

OWNER'S CERTIFICATE

WE, JIM S. ANGLEMYER AND AGNES B. ANGLEMYER, OWNERS 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 & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS & ASSIGNS: (1) THE RIGHT TO LAY, CONSTRUCT, AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL STREETS AND ROAD RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHTS TO REQUIRE DEDICATION TO PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOOD PLAINS, AND OPEN SPACE, WHERE APPLICABLE, AND FOR OTHER GOOD AND VALUABLE CONSIDERATION HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BED OF THE STREETS AND/OR ROADS, FLOOD PLAINS, 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; (4) THAT NOW BUILDING OR SIMILAR STRUCTURE SHALL BE ERRECTED ON OR OVER SAID EASEMENTS AND RIGHTS-OF-WAY. WITNESS OUR HANDS THIS 29th DAY OF September, 2004.

Jim S. Anglemyer 9/25/04
JIM S. ANGLEMYER DATE

Agnes B. Anglemyer 9/25/04
AGNES B. ANGLEMYER DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LAND CONVEYED BY HARVEY CARMEL AND DINA DENRICH CARMEL TO JIM S. ANGLEMYER AND AGNES B. ANGLEMYER BY DEED DATED DECEMBER 19, 2003 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 7877 AT FOLIO 606.

I FURTHER CERTIFY THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THIS PLAT. THIS PLAT IS IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED, AND ALSO IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

William L. Clark 9/27/04
WILLIAM L. CLARK DATE
PROPERTY LINE SURVEYOR, #80

THE SOLE PURPOSE OF THIS PLAT IS TO ESTABLISH TWO BUILDABLE LOTS FROM THE ORIGINAL TRACT.

RECORDED AS PLAT NO. 17056
ON Nov. 18, 2004 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD

ANGLEMYER PROPERTY
LOTS 1 AND 2
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 41 GRID 3 PARCEL 147 ZONE: RR-DEO
SCALE 1" = 100' JUNE 25, 2004

BELTWAY SURVEYS
LAND SURVEYORS, ENGINEERS AND PLANNERS
5627 ALLENTOWN ROAD, SUITE 104
SUITLAND, MARYLAND 20746
TELE: 301-899-3440
FAX: 301-702-1104

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