

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 544517-A

AGENCY REVIEW: _____

DATE 1-25-13

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

LOT 2

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH UNKNOWN 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) PATRICK & LOUISE HINKSON

DAYTIME PHONE ~~410-330-1481~~ CELL _____ FAX _____

MAILING ADDRESS 11755 BRAGDON WOOD CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT MICHAEL BALAKIRSKY

DAYTIME PHONE (410) 730-1481 CELL (410) 340-7823 FAX _____

MAILING ADDRESS 17051 LITTLE PATUXENT PARKWAY, COLUMBIA, MD., 21044
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME NORTHWEST END OF BRAGDON WOOD, JUST OFF CHAPEL ESTATES DRIVE LOT NO. _____

PROPERTY ADDRESS 11755 BRAGDON WOOD CLARKSVILLE MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 29 GRID 14 PARCEL(S) A2 PROPOSED LOT SIZE 3.1 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 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

A/P 544517

NTS

#14
 Red Brn Blk
 2SBK SCL 0.8
 Red Brown
 Yellow
 20-30%
 Ry
 SCL
 H2O
 @ 9
 H2O 9'

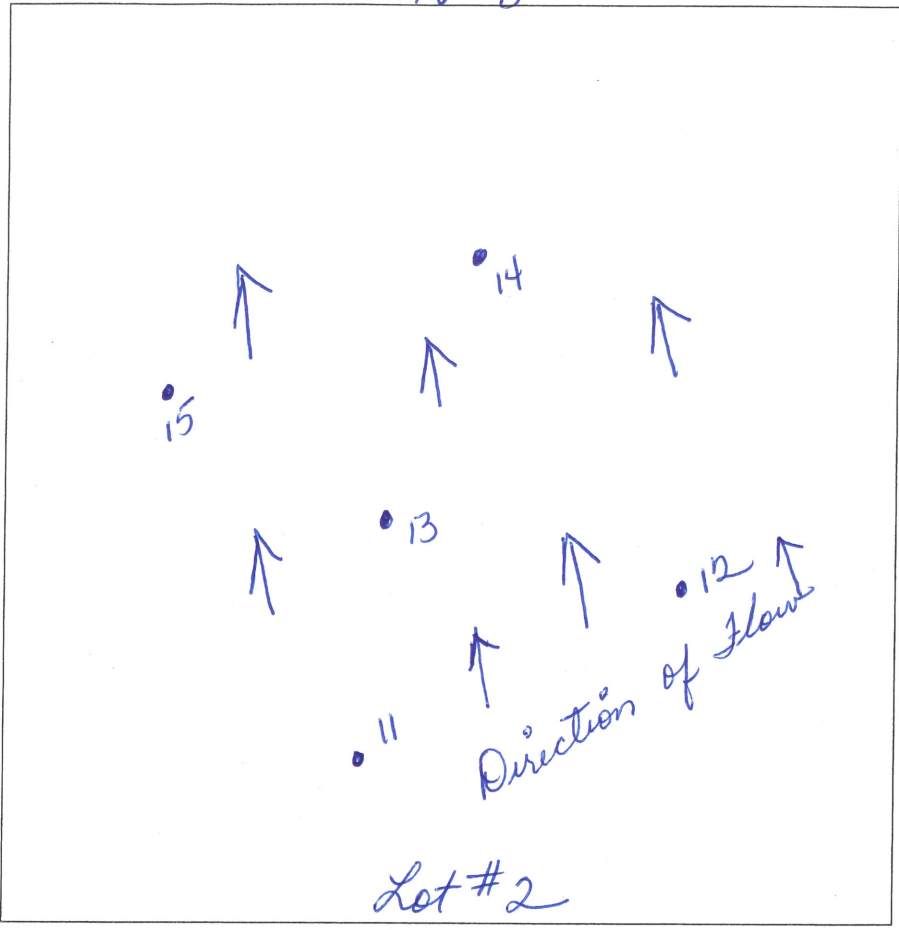
#15
 Red Brn
 2SBK SCL 0.5
 Brown, Red
 SCL 3'
 Red Brown
 Yellow
 Much
 mica
 5-10%
 Ry
 H2O @ 7' 7'

#16
 2SBK, Red
 Brown SCL 0.8
 Red Brown
 SCL
 Much mica 1'
 Red Brown
 SCL
 20-30%
 Large
 Boulders
 Refusal @ 8'
 ↓ 8'

#11
 Red Brown Blk
 2SBK SCL 0.5
 Red Brown
 SCL 2'
 Red Brown
 20-40%
 Ry
 Refusal
 @ 5'
 ↓ 5'

#12
 Red Brn Blk
 2SBK SCL 0.8
 Red Brown
 5-10%
 Sm Ry
 SCL 3'
 Red, Brown
 Sh
 much
 mica
 Rock
 Content
 75%
 ↓ 13'

#13
 Red, Brown
 Blk 2SBK
 SCL 0.4
 Red Brown
 yellow
 SCL
 Much
 mica
 3'
 Red Brown
 Yellow
 30-40%
 Ry
 Wet Sh
 much
 mica
 Refusal @ 9'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-13-13	11	5	Refusal @ 5 feet				F
2-13-13	12	13	Rock > 50%				F
2-13-13	13	9	Refusal @ 9 feet				F
2-13-13	14	H2O @ 9 feet					F
2-13-13	15	H2O @ 7 feet					F
2-13-13	16	Refusal @ 8 feet					F

REMARKS Proposed Lot #2 failed.
 SANITARIAN D Bernard BACKHOE Bill Ingram OTHERS _____
 TEST HOLES USED IN SDA 5 AVG. PERC TIME N/A SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

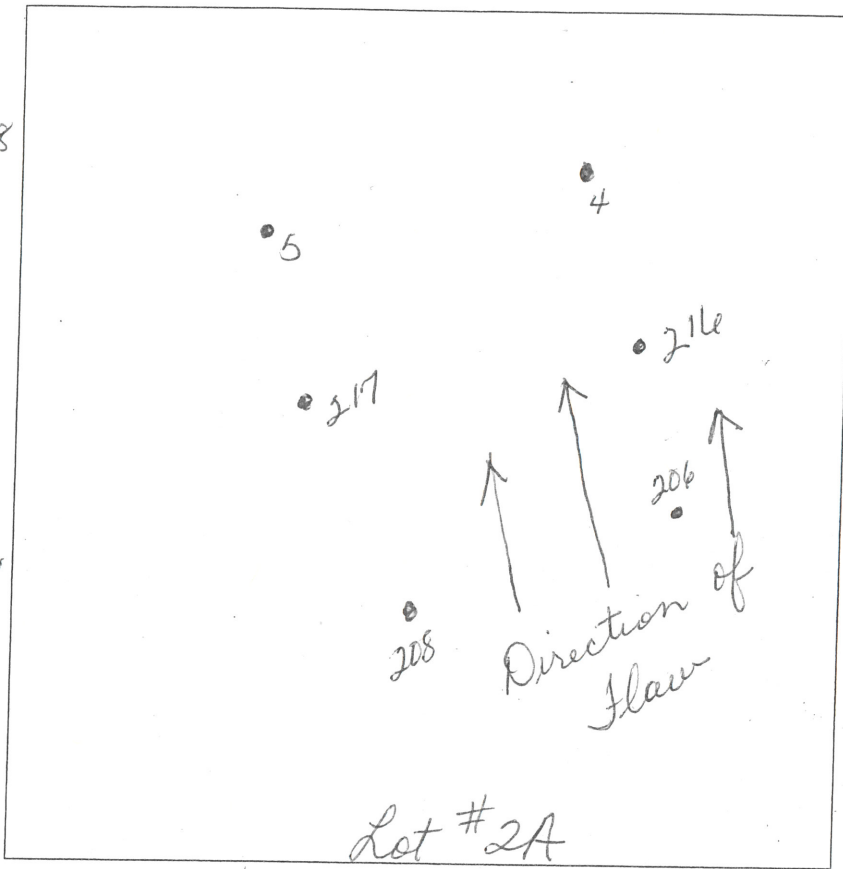
NTS

AP 544517

#4
 Red Brown
 Grey SCL 2SBK
 Red Brown
 SCL
 Refusal
 @
 4'
 4'

#5
 Red Brown
 Grey SCL 2SBK
 Red Brown
 SCL
 Refusal
 @
 6'
 ↓
 6'

#206
 Red Brown
 SCL 2SBK 0.5
 Red Brown
 SCL
 5-10% Ry 3'
 Red Brown
 Sh
 5-10%
 Ry
 much
 mica
 ↓
 14'



#208
 Red Brown
 SCL 2SBK 0.8
 Red Brown
 SCL
 3'
 Red Brown
 yellow
 Sh
 much
 mica
 ↓
 14'

#216
 Red Brown
 SCL 2SBK 0.5
 Red Brown
 Heavy
 Sh
 3'
 Red, Brn
 Medium
 Sh
 10-20%
 Ry
 ↓
 14'

#217
 Brown Red
 SCL 2SBK 0.5
 Red Brown
 Heavy Sh
 3'
 Red Brown
 Medium
 Sh
 10-20%
 Ry
 ↓
 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-13-13	4	Refusal @	4'				F
2-13-13	5	Refusal @	6'				F
2-13-13	206	Visual Pass					P
2-13-13	208	3/4	12:10	12:12	12:16	4 min	P
2-13-13	216	3/4	11:55	12:05	12:20	15 min	P
2-13-13	217	4/4	11:52	12:02	12:17	15 min	P

REMARKS Test #4 & #5 Cannot be used in Septic Easement
 SANITARIAN Obernoid BACKHOE Bill Ingram OTHERS _____
 TEST HOLES USED IN SDA 5 AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

after PC Lot #2

NOTES:
 1. TOPOGRAPHY SHOWN HEREON IS HOWARD COUNTY AERIAL TOPOGRAPHY. VERIFICATION ELEVATIONS HAVE BEEN FIELD RUN BY SHANBERGER & LANE AT EACH PERC HOLE.
 2. ——— DESIGNATES PROPERTY LINE.
 3. ▨ DESIGNATES EXISTING PRIVATE SEWAGE EASEMENT.
 4. ● DESIGNATES SOIL TYPE BOUNDARY.
 5. ○ DESIGNATES SUCCESSFUL PERC TEST.
 6. □ DESIGNATES FAILED PERC TEST.
 7. □ DESIGNATES PROPOSED HOUSE SITE.
 8. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARKLAND DEPARTMENT OF THE ENVIRONMENT.
 9. SOIL TYPES PRESENT ON PROPOSED LOTS:
 MAB—MAJOR LOAM, 3 TO 8 PERCENT SLOPES
 MAC—MAJOR LOAM, 8 TO 15 PERCENT SLOPES
 MCB—MAJOR CLAY, 3 TO 8 PERCENT SLOPES
 GCB—GLENDELL LOAM, 3 TO 6 PERCENT SLOPES
 GAC—GLENDELL SILT LOAM, 8 TO 15 PERCENT SLOPES
 10. ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 11. ALL KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN.
 12. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARKLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL EASEMENTS. THE SEWAGE EASEMENT SHALL BE IN THE NATURE OF A RESTRICTED EASEMENT. 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.
 13. THE WELL ON LOT 2 MUST BE DRILLED AND THE WELL COMPLETION REPORT RECEIVED BY THE HEALTH DEPARTMENT AND APPROVED PRIOR TO RECORD PLAT SUBMITTAL.



SHANBERGER & LANE
 6726 TOWN & COUNTRY BLVD.
 SUITE 201
 ELLICOTT CITY, MD 21043
 (410) 461-9563
 (410) 461-9693 fax
 home@shanberg.com

PLAT TO ACCOMPANY WAIVER REQUEST
PROPOSED LOTS 1 & 2
BALAKIRSKY PROPERTY
 TITLE DEED: 14859154
 TAX MAP 29, PARCELS 26, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

WAIVERS REQUESTED
 1. SECTION 16.120 (b)(4)(i) TO ALLOW LOTS NOT HAVING A REGULAR RECTANGULAR SHAPE.
 2. SECTION 16.120 (b)(4)(ii) TO ALLOW WETLANDS, STREAMS, BUFFERS, AND FOREST CONSERVATION EASEMENTS ON LOTS UNDER 10 ACRES.
 3. SECTION 16.120 (c)(2) TO ALLOW A SINGLE-FAMILY DETACHED DWELLING ON A RESIDENTIAL LOT WITH NO FRONTAGE ON A PUBLIC ROAD.

Freemon, Robert

3/5

To: Ron Tash
Cc: nishapatel2000@gmail.com
Subject: 11811 Chapel Estates
Attachments: Septic Specs.pdf; Variance.pdf; WS_HinksonProperty_Lot1+2 _PercCert-Spencer.pdf; Well & Septic SETBACKS.PDF; BAT Plan REQ.PDF

Hi,

I have reviewed the building permit B18000473 for 11811 Chapel Rise Drive. Prior to building permit approval an on-site sewage disposal system plan (OSDS) adequate enough to handle a five bedroom house must be submitted to the Health Department. The septic system for this property must be a Low Pressure Dosing System (LPD) and must include a Best Available Technology Unit (BAT). I have attached septic system design specifications along with additional information for you to view. If you have any questions let me know.

Robert "Spencer" Freemon

Howard County Health Department

8930 Stanford Blvd. Columbia, MD 21045

Bureau of Environmental Health

Well and Septic Program

Phone: 410-313-6357


Email: rfreemon@howardcountymd.gov

Website: <https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>

NOTES:

1. TOPOGRAPHY SHOWN HEREON IS HOWARD COUNTY AERIAL TOPOGRAPHY. VERIFICATION ELEVATIONS HAVE BEEN FIELD RUN BY SHANBERGER & LANE AT EACH PERC HOLE.

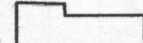
2. ——— DESIGNATES PROPERTY LINE.


3.  DESIGNATES EXISTING PRIVATE SEWAGE EASEMENT.

4. MaD DESIGNATES SOIL TYPE BOUNDARY

5. ● DESIGNATES SUCCESSFUL PERC TEST

○ DESIGNATES FAILED PERC TEST

6.  DESIGNATES PROPOSED HOUSE SITE


7.  DESIGNATES WOODS LINE

8. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.

9. SOIL TYPES PRESENT ON PROPOSED LOTS:
 MaB—MANOR LOAM, 3 TO 8 PERCENT SLOPES
 MaC—MANOR LOAM, 8 TO 15 PERCENT SLOPES
 MaD—MANOR LOAM, 15 TO 25 PERCENT SLOPES
 GcB—GLENELG LOAM, 3 TO 8 PERCENT SLOPES
 GmC—GLENVILLE SILT LOAM, 8 TO 15 PERCENT SLOPES

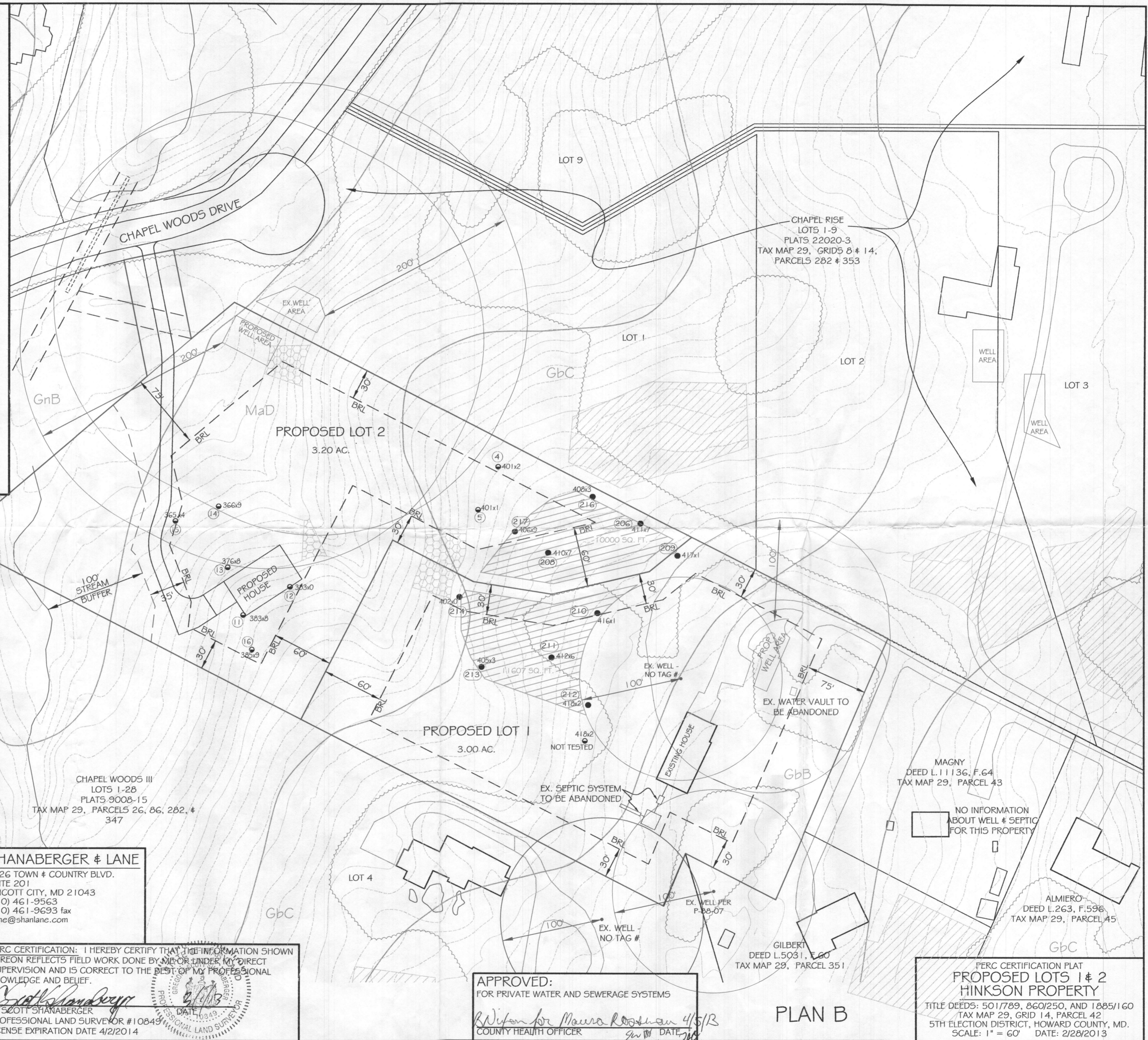
10. ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

11. ALL KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN PER FIELD LOCATION WHEN POSSIBLE AND PER AVAILABLE RECORDS WHEN NOT POSSIBLE.

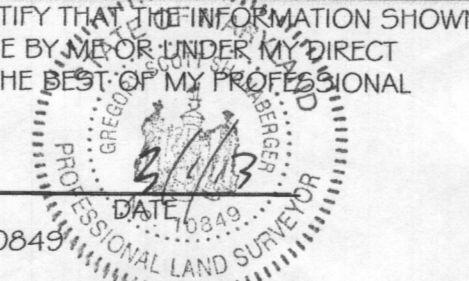
12.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE 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.

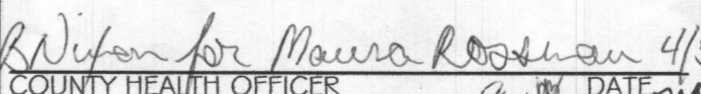
13. THE WELL ON LOT 2 MUST BE DRILLED AND THE WELL COMPLETION REPORT RECEIVED BY THE HEALTH DEPARTMENT AND APPROVED PRIOR TO RECORD PLAN SUBMITTAL. GbC

14. "The Maryland Department of the Environment has approved the location of the well on lot 2 downgradient of the on-site sewage disposal system with the condition that the well be constructed with steel casing extending to a depth of 50' or 10' into competent bedrock, whichever is deeper and that the sewage disposal system will utilize Best Available Technology for nitrogen reduction and a low pressure dosed distribution system."



SHANBERGER & LANE
 8726 TOWN & COUNTRY BLVD.
 SUITE 201
 ELLICOTT CITY, MD 21043
 (410) 461-9563
 (410) 461-9693 fax
 home@shanlane.com

PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

 S. SCOTT SHANBERGER
 PROFESSIONAL LAND SURVEYOR #10849
 LICENSE EXPIRATION DATE 4/2/2014

APPROVED:
 FOR PRIVATE WATER AND SEWAGE SYSTEMS

 COUNTY HEALTH OFFICER
 DATE: 4/5/13

PERC CERTIFICATION PLAN
PROPOSED LOTS 1 & 2
HINKSON PROPERTY
 TITLE DEEDS: 501/789, 860/250, AND 1885/160
 TAX MAP 29, GRID 14, PARCEL 42
 5TH ELECTION DISTRICT, HOWARD COUNTY, MD.
 SCALE: 1" = 60' DATE: 2/28/2013

PLAN B

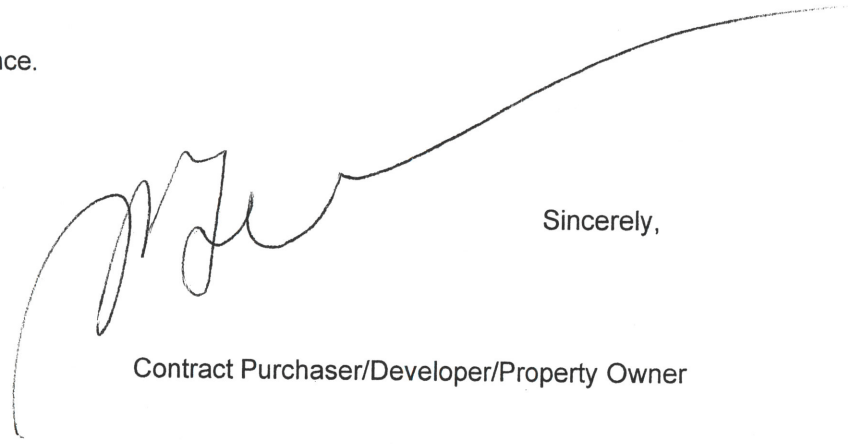
March 21, 2013

Howard County Department Health Department
Bureau of Environmental Health
7178 Columbia Gateway Drive
Columbia, MD. 21046
Att: Mr. Bert Nixon, Director
re: Hinkson Property

Dear Mr. Nixon:

I request that the proposed well area for Lot 2 shown on the Perc Certification Plat for the Hinkson Property (prepared by Shanaberger & Lane) be approved. It is understood that the well areas is downgradient from the proposed septic areas on Lots 1 and 2. The proposed well area for Lot 2 is greater than 200 feet from those septic areas. A downgradient well area was approved next door on the adjoining lot of the Chapel Rise subdivision.

Thank you for your assistance.

A large, stylized handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

Sincerely,

Contract Purchaser/Developer/Property Owner

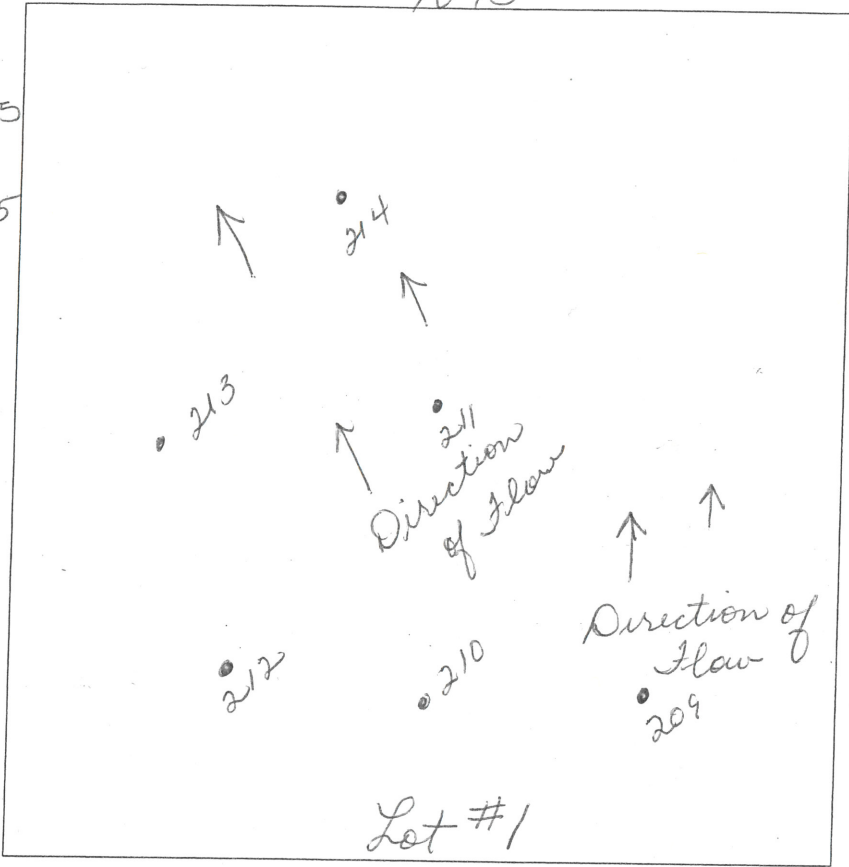
A/P 544517

NTS

#209
 2SBK Red Brn 2.5
 Red Brown SCL 3.5
 Red Brown yellow FSh 10-15% Rock much mica
 ↓ 14'

#210
 Red Brown Black 2SBK SCL 0.8
 Red Brown SCL 3'
 Red Brown yellow Much mica FSh
 ↓ 14'

#211
 Red Brown 5-10% Rf SCL 3.5
 Red, Brown yellow Much mica Sh 6'
 Red Brown yellow 10-15% Rf FSL
 ↓ 14'



#212
 Red, Brown yellow SCL 2SBK 0.8
 Red Brown Sh 10-15% Rf 4'
 Brown, Red yellow Medium Sh
 ↓ 14'

#213
 Brown Red Black 2SBK SCL 0.8
 Red Brown SCL 2'
 Red Brown yellow Sh 10-15% Rf
 ↓ 14'

#214
 Red, Brn. SCL 2SBK 0.8
 Red Brown SCL 5-10% Rf 2'
 Red Brown yellow Sh Much mica 10-15% Rf
 ↓ 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-13-13	209	4/14	12:30	12:32	12:34	2min	P
2-13-13	210	4/14	12:20	12:22	12:25	3min	P
2-13-13	211	4/14	2:11	2:14	2:20	10min	P
2-13-13	212	4/14	2:00	2:02	2:06	4min	P
2-13-13	213	4/14	2:01	2:03	2:07	5min	P
2-13-13	214	3/14	2:27	2:29	2:31	3min	P

REMARKS Existing Septic System will have to be upgraded. 2 Wells on site one will have to be abandoned.
 SANITARIAN Bernard BACKHOE Bill Ingram OTHERS
 TEST HOLES USED IN SDA 5 AVG. PERC TIME SQ. FT/BR
 TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW

After PC Lot #1