

APPLICATION

PERCOLATION TESTING

A 516057

P _____

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

DISTRICT _____

DATE 10/5/01

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 JOHN C BEWLEY, REVOCABLE TRUST

ADDRESS 15359 UNION CHAPEL RD.
WOODBINE MD 21797 PHONE _____

AGENT OR PROSPECTIVE BUYER GRAYSON DEV. CO. LLC. c/o KOREN DEV. Co.

ADDRESS 815 CENTER PARK DR. STE 104
COLUMBIA MD 21045 PHONE _____

PROPERTY LOCATION:

DIVISION BEWLEY PROPERTY LOT NO. 20

ROAD AND DESCRIPTION UNION CHAPEL RD

TAX MAP 14 PARCEL # 666

SIZE OF LOT ± 1 AC TYPE BLDG. S.F. DWELLING
(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.

David B. Yanny GRAYSON DEVELOPMENT
DAVID B. YANNOY (SIGNATURE OF APPLICANT) COMPANY, LLC

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING Needs Wet Season Tests

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

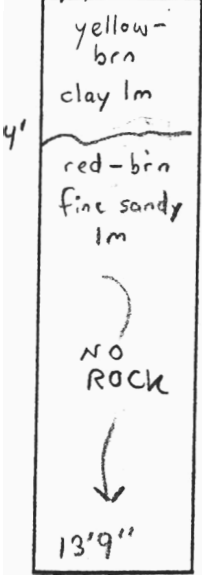
516057

NOT TO SCALE

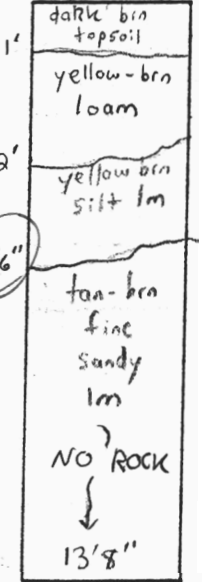
COUNTY #

SOIL PROFILE

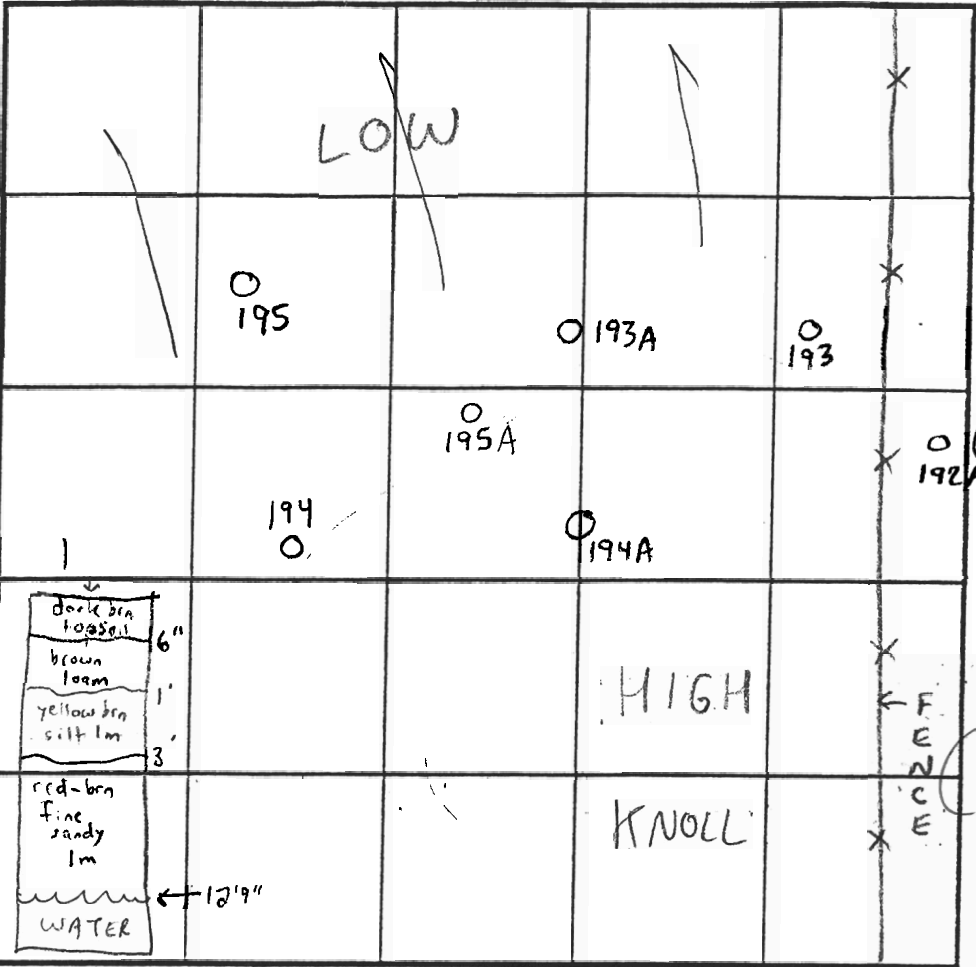
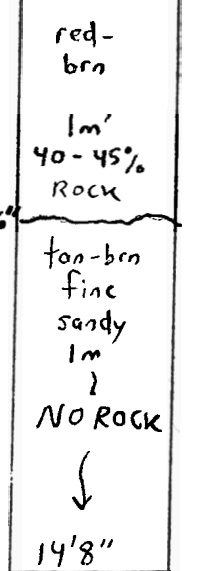
192A



193 & 194

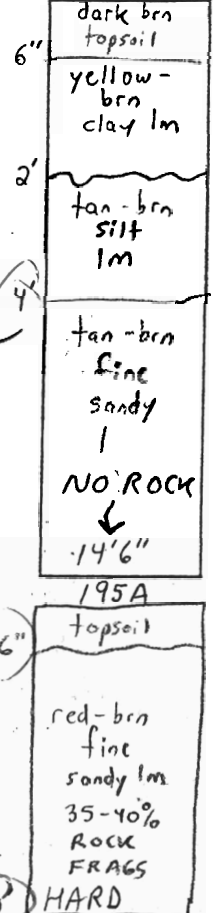


193A



SOIL PROFILE

194A



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/11/03	192A	13'9" V	(VISUAL OK SEE SOIL PROFILE)		NA	OK		
4/14/03	193	13'8" V	(VISUAL OK SEE SOIL PROFILE)		NA	OK		
	193A	14'8" V	(" " " ")		NA	OK		
	194A	14'6" V	(" " " ")		NA	OK		
	195A	4' T / 10' V	4:26	4:31	4:31	4:38	7min	OK
	194	4' T / 13'9" V	4:17	4:19	4:19	4:21	2min	OK
4/15/03	195	3'8" T / 12'9" V	11:04	11:06	11:06	11:09	3min	OK

REMARKS: 195A not staked prior to excavation (needs field loc.)
 TYPE OF SOIL: Glenely & Glenville - Visual holes consistent
 TESTED BY: EA/SRK ALSO PRESENT: Todd Parley = Backhoe, Steve Duncan = helper
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: 2-7min. TRENCH WIDTH: 3'
 INLET DEPTH: 3 MAXIMUM BOTTOM DEPTH: 5 SQ. FT./BEDROOM: 180

10/1/08

- 1. THIS PLAN IS TO BE USED IN CONJUNCTION WITH THE PERCOLATION PLAN.
- 2. THE PERCOLATION PLAN IS TO BE USED TO DETERMINE THE PERCOLATION CAPACITY OF THE SOILS.
- 3. THE PERCOLATION CAPACITY IS TO BE DETERMINED BY THE PERCOLATION TESTS.
- 4. THE PERCOLATION TESTS ARE TO BE CONDUCTED IN ACCORDANCE WITH THE STANDARD TEST METHOD.
- 5. THE PERCOLATION TESTS ARE TO BE CONDUCTED IN THE FIELD.
- 6. THE PERCOLATION TESTS ARE TO BE CONDUCTED IN THE FIELD.
- 7. THE PERCOLATION TESTS ARE TO BE CONDUCTED IN THE FIELD.
- 8. THE PERCOLATION TESTS ARE TO BE CONDUCTED IN THE FIELD.
- 9. THE PERCOLATION TESTS ARE TO BE CONDUCTED IN THE FIELD.
- 10. THE PERCOLATION TESTS ARE TO BE CONDUCTED IN THE FIELD.

APPROVED FOR REVIEW BY THE STATE ENGINEER
 STATE OF CALIFORNIA
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL ENGINEERING
 No. 10177
 DATE 10/1/08

PERCOLATION TEST SPECIFICATION
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SOIL TYPE	SLOPE	DEPTH	MOISTURE
Soil 1	1% - 4%	12"	Moderately moist
Soil 2	4% - 8%	12"	Moderately moist
Soil 3	8% - 15%	12"	Moderately moist
Soil 4	15% - 20%	12"	Moderately moist
Soil 5	20% - 25%	12"	Moderately moist
Soil 6	25% - 30%	12"	Moderately moist
Soil 7	30% - 35%	12"	Moderately moist
Soil 8	35% - 40%	12"	Moderately moist
Soil 9	40% - 45%	12"	Moderately moist
Soil 10	45% - 50%	12"	Moderately moist
Soil 11	50% - 55%	12"	Moderately moist
Soil 12	55% - 60%	12"	Moderately moist
Soil 13	60% - 65%	12"	Moderately moist
Soil 14	65% - 70%	12"	Moderately moist
Soil 15	70% - 75%	12"	Moderately moist
Soil 16	75% - 80%	12"	Moderately moist
Soil 17	80% - 85%	12"	Moderately moist
Soil 18	85% - 90%	12"	Moderately moist
Soil 19	90% - 95%	12"	Moderately moist
Soil 20	95% - 100%	12"	Moderately moist

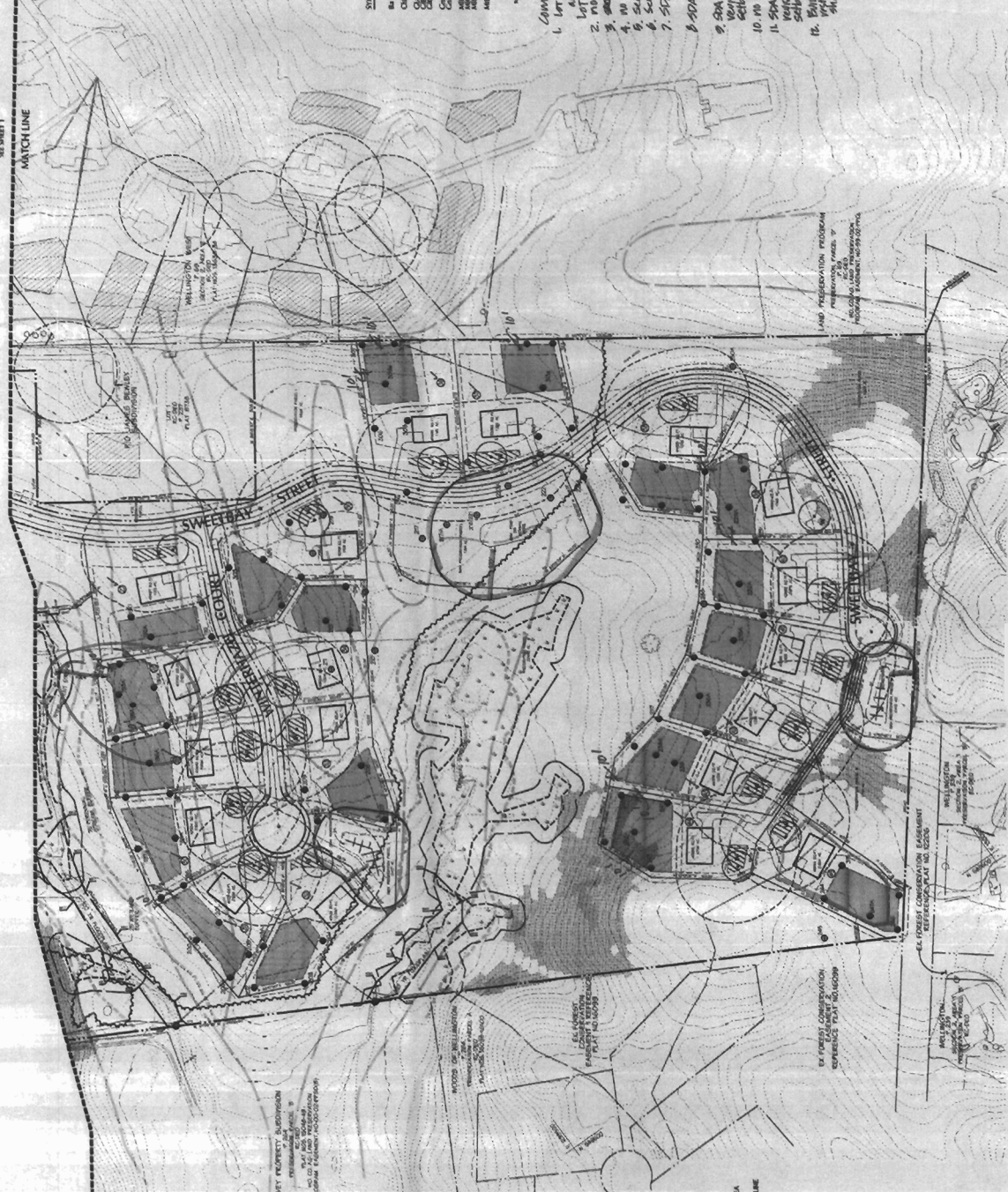


Comments:
 1. Lot 41 (50' x 100') is to be used for residential purposes.
 2. Lot 42 (50' x 100') is to be used for residential purposes.
 3. Lot 43 (50' x 100') is to be used for residential purposes.
 4. Lot 44 (50' x 100') is to be used for residential purposes.
 5. Lot 45 (50' x 100') is to be used for residential purposes.
 6. Lot 46 (50' x 100') is to be used for residential purposes.
 7. Lot 47 (50' x 100') is to be used for residential purposes.
 8. Lot 48 (50' x 100') is to be used for residential purposes.
 9. Lot 49 (50' x 100') is to be used for residential purposes.
 10. Lot 50 (50' x 100') is to be used for residential purposes.
 11. Lot 51 (50' x 100') is to be used for residential purposes.
 12. Lot 52 (50' x 100') is to be used for residential purposes.

NO.	DATE	REVISION
1	10/1/08	ISSUE FOR PERCOLATION PLAN
2	10/1/08	REVISED PERCOLATION PLAN
3	10/1/08	REVISED PERCOLATION PLAN
4	10/1/08	REVISED PERCOLATION PLAN
5	10/1/08	REVISED PERCOLATION PLAN
6	10/1/08	REVISED PERCOLATION PLAN
7	10/1/08	REVISED PERCOLATION PLAN
8	10/1/08	REVISED PERCOLATION PLAN
9	10/1/08	REVISED PERCOLATION PLAN
10	10/1/08	REVISED PERCOLATION PLAN
11	10/1/08	REVISED PERCOLATION PLAN
12	10/1/08	REVISED PERCOLATION PLAN

DMW
 Division of Mineral Resources
 1515 Clay Street, Suite 100
 Berkeley, CA 94701
 (415) 881-2000
 www.dmr.ca.gov

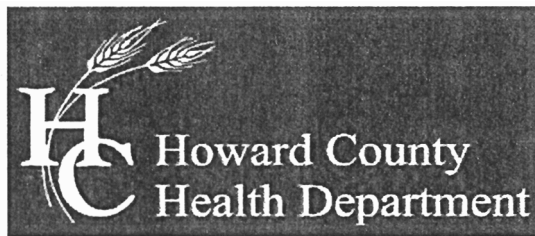
DATE	BY	SCALE	PROJECT NO.	SHEET NO.
10/1/08	AM	1"=100'	06007	2 OF 2
10/1/08	AM	1"=100'	06007	2 OF 2
10/1/08	AM	1"=100'	06007	2 OF 2



SEE SHEET 1
 MATCH LINE

SEE SHEET 1
 MATCH LINE

- LEGEND
- 100' WIDE
 - 50' WIDE
 - 25' WIDE
 - 12.5' WIDE
 - 6.25' WIDE
 - 3.125' WIDE
 - 1.5625' WIDE
 - 0.78125' WIDE
 - 0.390625' WIDE
 - 0.1953125' WIDE
 - 0.09765625' WIDE
 - 0.048828125' WIDE
 - 0.0244140625' WIDE
 - 0.01220703125' WIDE
 - 0.006103515625' WIDE
 - 0.0030517578125' WIDE
 - 0.00152587890625' WIDE
 - 0.000762939453125' WIDE
 - 0.0003814697265625' WIDE
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Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

OPERATION AND MAINTENANCE AGREEMENT FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM HAVING AN ADVANCED PRE-TREATMENT SYSTEM

THIS AGREEMENT is made this 31st day of October 2013, among K. HOJMANIAN HOMES OF MARYLAND I LLC, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 2906 WINTERHAZE COURT WOODSIE MD. 21797, in the 04 Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber 15173 Folio 00492.

WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.
- E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as

long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.


G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

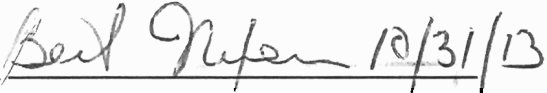
I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

 10/31/13
Owner _____ Date _____
CHESTER WILLET
K. HOVANNIAN/HUMES
OF MARYLAND I LLC

Owner _____ Date _____

 10/31/13
Howard County Health Department