

10/2/92 12/00
10/5/92 ASAP

Tax ID - 05 - 411246

PERMIT

File

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48574

A 47789

DISTRICT 5th

DATE 9/17/92

DATE SYSTEM APPROVED 10/5/92

INSPECTOR C. B. X

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Tom Lawson IS PERMITTED TO INSTALL X ALTER

ADDRESS 13067 Twelve Hills Road, Clarksville, Maryland 21029 PHONE 410-531-6270

SUBDIVISION Highland Meadows LOT 8 ROAD 13325 Long Leaf Road

PROPERTY OWNER ~~William D. Pleasant~~ Finnegan

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 feet below original grade. 2 1/2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 90 feet from the intersection of 110.0' and 120.0' property lines in the Northeast corner of the lot, and 160 feet from the 160-65 front property line as seen from Long Leaf Road. Run trenches on contour toward the front property line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *01-9 116192 RD*

PLANS APPROVED BY Ronald J. Pinkley DATE 3/24/92

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

BUILDING PERMIT SIGNED AND RETURNED

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)
NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH
12/19/2002 300139769 FINISH ATTIC

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

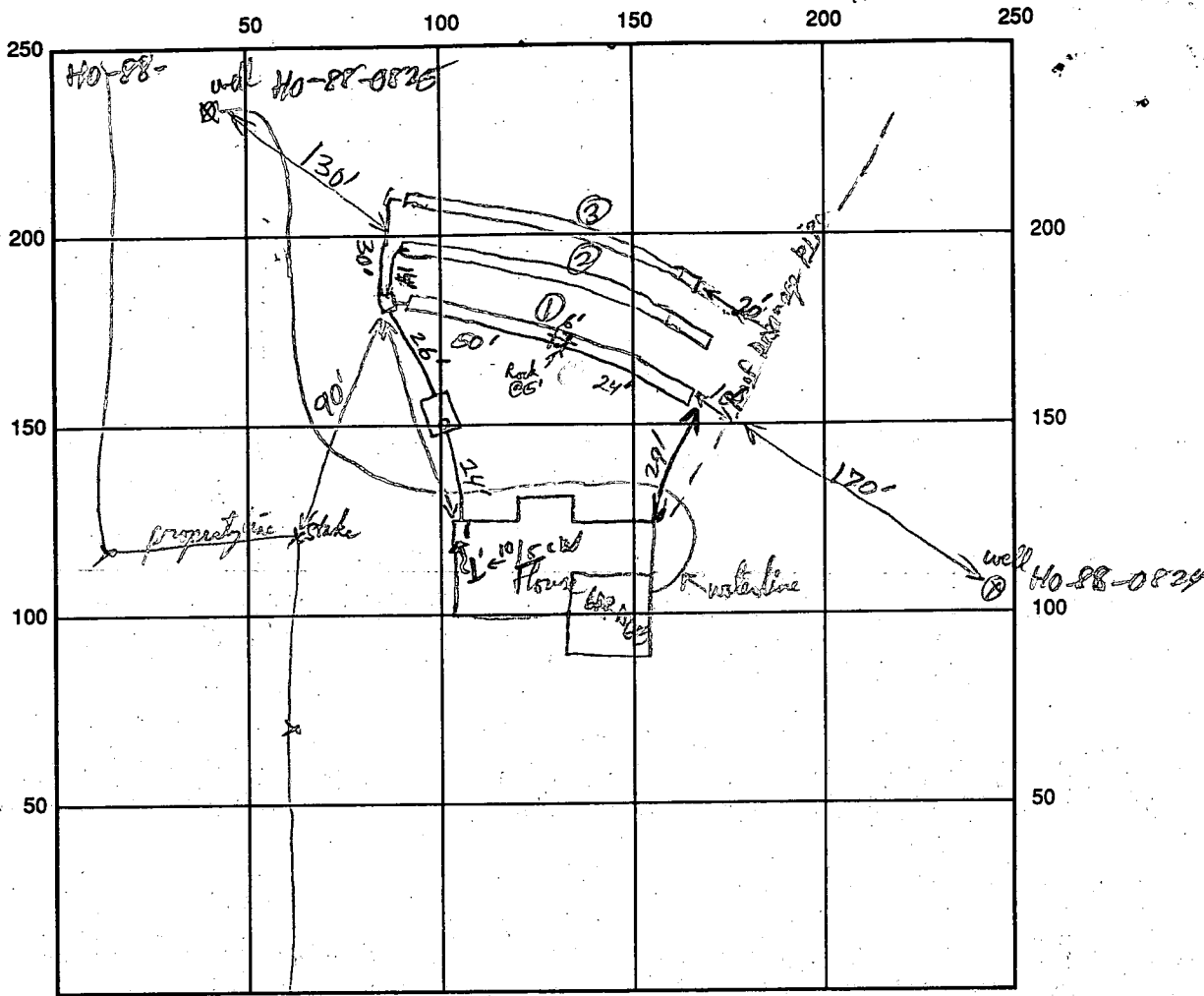
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 47789



SEPTIC TANK LEVEL 2000 gal CLEANOUTS ✓ @ ST. int

DISTRIBUTION BOX LEVEL OK (Baffle is in) Needs plug

DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3' FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 1 2 3 / 80/80/80 = 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720⁺ SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720⁺ SQ. FT.

REMARKS: 3 Trenches were laid to soil cover a 10' long rock outcrop in bottom of Trenches 1 and 2.
Checked with old pipe - rest of Trenches OK to Gravel Fill. Ref 80-2-92
A.M. 10/5/92 as per above; + material on site for final - final C. Bed

DATE SYSTEM APPROVED 10/5/92 as per above INSPECTOR Charles Bryan, [Signature]

APPLICATION

2/10/92
10:00

PERCOLATION TESTING

A 42789
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

PREVIEW COMMENT - OK
PROPOSAL IS TO ADJUST S.D.A.

DISTRICT _____
DATE 2/4/92

SUGGEST ROTATE SEPTIC AREA,
TEST HOLE LOCATIONS TO MORE
ACCURATELY REFLECT CONTOURS,
AND TO MAINTAIN LESS THAN 2/3/92 CWILL
DIRECT LINE OF FLOW TO NEIGHBORS WELLS.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER: HIGHLAND MEADOW ESTATES LTD PRSHP - WILLIAM D. PLEASANTS, JR.

ADDRESS FREDERICK RD CURKSBURG, MD PHONE 301-428-0800

PROSPECTIVE BUYER EDWARD H. & LAURA A. GRIFFITH

ADDRESS 8459 HEATHERWOOD CT. LAUREL MD PHONE HOME 301-490-5304
20723 WORK 301-703-836-9480

PROPERTY LOCATION:
SUBDIVISION HIGHLAND MEADOWS LOT NO. # 8

ROAD AND DESCRIPTION 13325 LONG LEAF RD
LOCATED NEAR INTERSECTION OF HIGHLAND ROAD & BRIGHTON DAM ROAD.

TAX MAP _____ PARCEL # _____
SIZE OF LOT 3.0+ ACRES TYPE BLDG SINGLE FAMILY
(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.
Edward H Griffith
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Re configure, away from Rocky Test Hole A + 2 wells. 2/14/92

BIDG PERMIT SIGNED
AND RETURNED 4/29/92
Serial # 42993
SFD - 3 Bedroom

THIS IS NOT A PERMIT

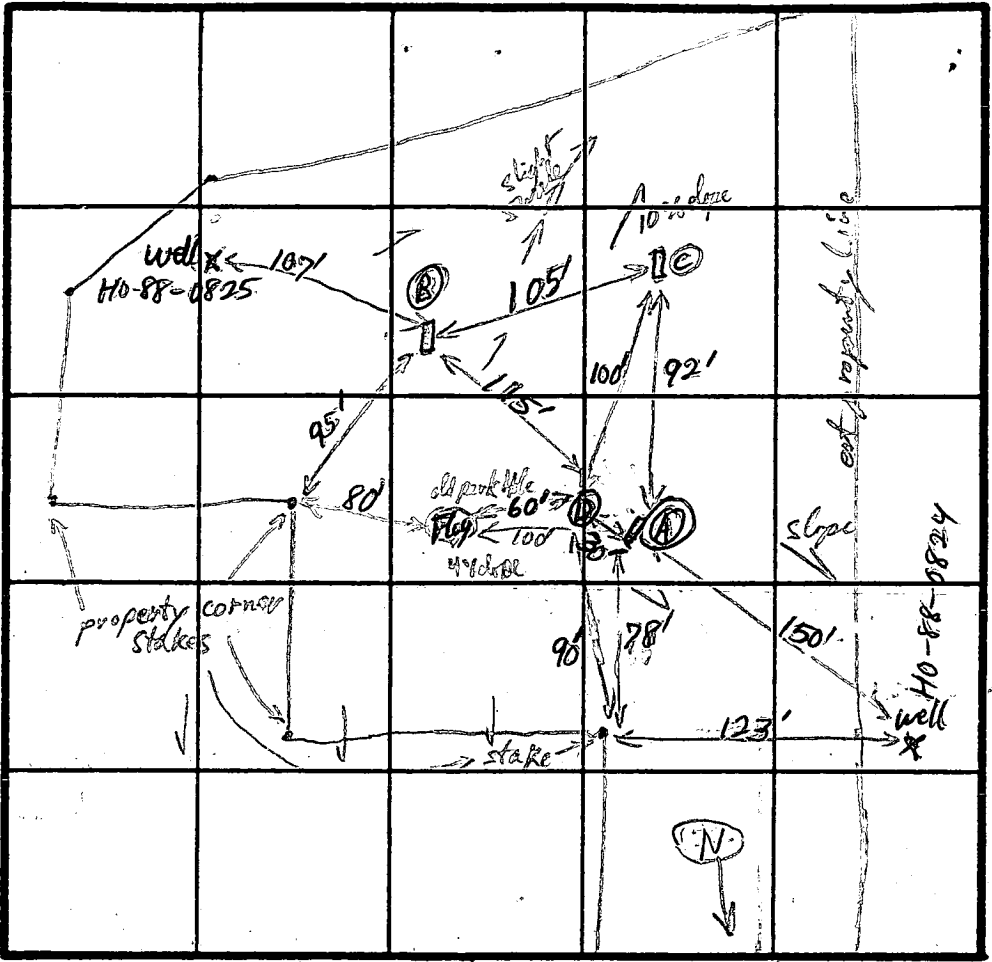
HD-216

Lot 8
Lease

Hole B

SOIL PROFILE

Strong Brn Clay loam 1'
 50% Rock 2m Sbk, clay fill 2'
 Orange co. Sl. loam or Pasteurite separate 4'
 Mid loam or clay loam + grey FSL spherulite (lam.) 6'
 white grey SL 6'
 dark grey/black or micaceous Lt. loam (lam.) 11 1/2'



Test Hole A

dark Brn hL-SIL 12'
 Rock 90%
 Light color SL 7'
 dark black Pelcom 5'
 Light color sandy SL 6 1/2'
 dark black loam 7 1/2'
 dark grey loam 8 1/2'
 Rock 50%
 Rock 12'

Too Rocky to use and location is up hill of existing well (Maintain 25ft separation from Septic Area)

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Long Leaf Dr

Hole C

Same as Hole B

Hole D

Strong Brn Clay loam 2'
 Orange SL 2 1/2'
 Lt grey SL 3 1/2'
 dark grey loam 5'
 Lt yellow SL 5'
 dark grey loam 11 1/2'
 Lt grey SL (No rock)
 dark grey loam
 Fractured Rock horizon
 Black weathered of ? schist
 80% x > 50

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-10-92	(A)	12' V	Not	Tested	Too Rocky @ 2 1/2'	12'	
	B	@ 4'	12:50:10	12:57:40	12:57:40	1:06:20	9 min
		@ 7' 1 1/2' V	12:50:10	12:51:11	12:51:11	12:53:12	2 min
	C	@ 4'	re-filled 1:50:50 1:47:00	1:52:39 1:47:55	1:52:39 1:47:55	1:54:50 1:49:20	2 min
		@ 7 1/2'	1:47:30	1:49:40	1:49:40	1:53:50	4 min
	D	@ 4'	re-filled 2:56:45 2:58:50	2:58:27 2:54:50	2:58:30 2:54:50	3:00:45 2:56:20	2 min
		@ 7' 1 1/2' V	2:54:20	2:58:30	2:58:50	2:57:30	2 min

REMARKS Stay 25 ft From Rocky Test hole A - Reconfigure Area

TYPE OF SOIL GLC2 - 6 leachy loam (Rock is Quartz - Feldspar intrusions, prob. into mica schist)

TESTED BY Ronald S. Pinkley

ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

A 37071

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE _____

*5/5/88
retest OK'd pending
approved plan*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Brighton Dam Limited Partnership
6228 Clearwood Road
ADDRESS Bethesda, MD 20817 PHONE 301-229-8838

PROSPECTIVE BUYER Celta Corp.
101 Chestnut Street, Suite 125
ADDRESS Gaithersburg, MD 20877 PHONE 301-948-2918

PROPERTY LOCATION:
SUBDIVISION Highland Meadows LOT NO. 12

ROAD AND DESCRIPTION Highland Road at Brighton Dam Road LONG LEAF DR

TAX MAP 34 PARCEL # 169
SIZE OF LOT 3 AC + TYPE BLDG. SFD
(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 _____

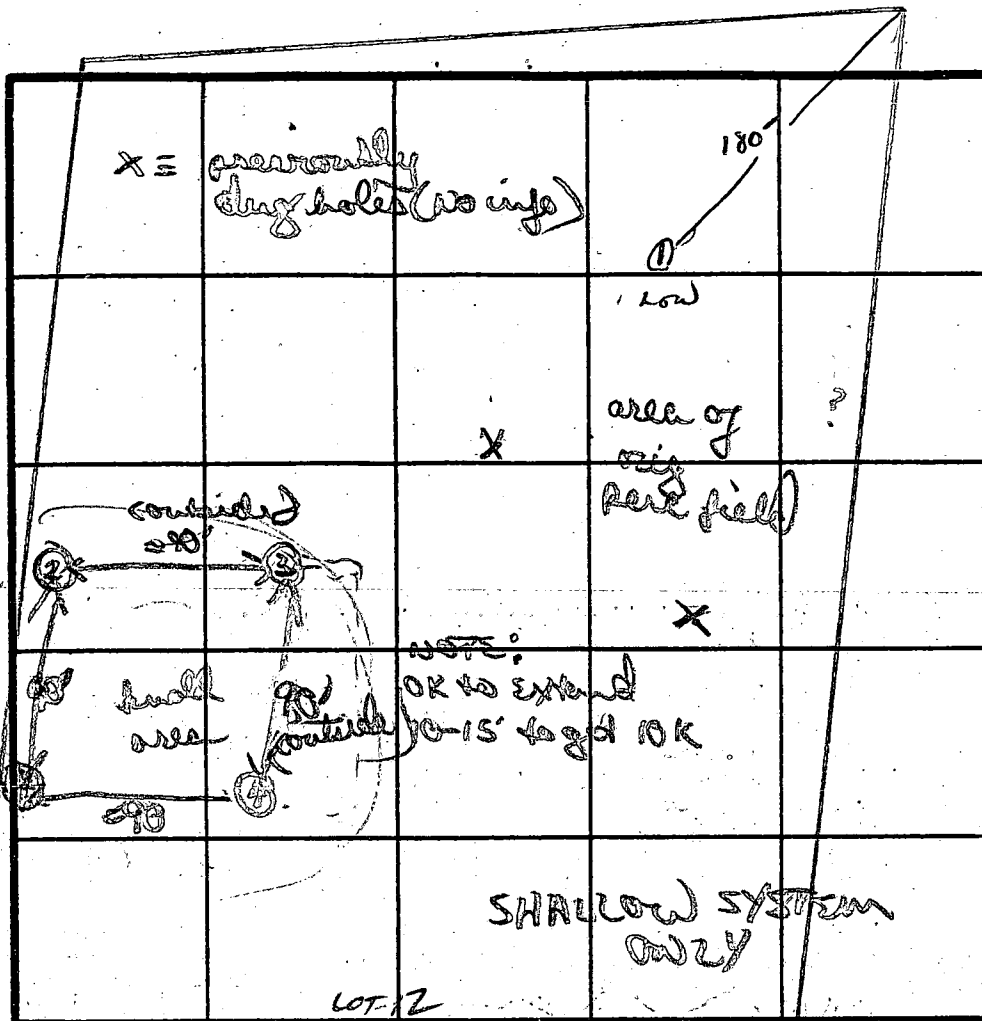
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1659-88 Hold For wet season testing & REDESIGN. S. Abol

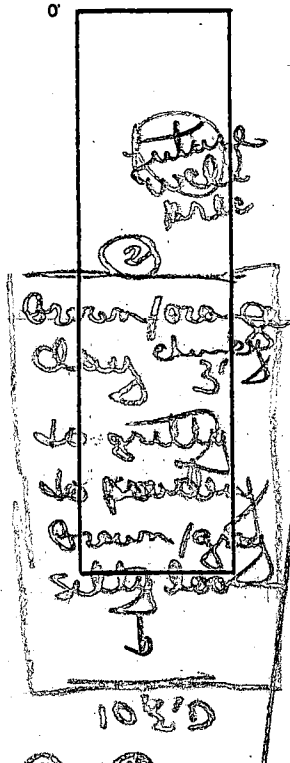
2/15/88 Prelim plot should show proper perc field. Possible House/well site missing

THIS IS NOT A PERMIT



INLET
3 1/2"
MAX 6"
174 1/60

SOIL PROFILE



mixed patches
of orange
tan & grey
silty / clay
3'
to silty / med
brown
hard bottom
12' D
grey powdery
silty med
lean w/
red / orange frags
top
lean to powdery
lean

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/3/86	1	WATER AT 8.5'					
5/4/87	2	3' S	220	224	224	227	3 MIN
		5' M	220	225	223	225	2 MIN
		10 1/2' D	both (see profile)				
	3	4 1/2' S	226	227	227	229	2 MIN
		12' D	hard bottom				
	4	3 1/2' S	308	300	300	312	2 MIN
		11' D	both (see profile)				
	5	11' D	VISUAL ONLY (see profile)				

REMARKS: pers. field adjusted to highest part of property. Well sets need to go on lot 13. lot line adjustment needed for house/well area

TESTED BY: S. Am / B Wilson
ALSO PRESENT: Rocky, Jeff

SOIL DESCRIPTION

NAME Highland Meadows COUNTY Howard FILE NO _____
 SOIL MAP UNIT GLC2 Glandorp MAP SYMBOL GLC2/MTC2 DATE 2-10-92
 GEOLOGIC MATERIAL Qtz/Felspar Intrusion into Mica Schist ELEVATION _____ GRID NO 807 E
 NO. Hole A DESCRIBED BY R.S. Pinkley (see reverse drawing) 499 N

Horizon	Depth in.	Color		Texture	Structure		% Rock Fragments	Notes (Moisture, Density, Biopores, Seepage)
		Matrix	Mottles		Grade	Type		

LANDSCAPE

Position

Summit _____
 Shoulder _____
 Sideslope _____
 Footslope _____
 Depression _____
 Upland _____
 Terrace _____
 Floodplain _____

Slope

Percent _____
 Shape _____

SOIL DRAINAGE CLASS

ED _____ MWD _____ PD _____
 WD _____ SPD _____ VPD _____

WATER TABLE

LIMITING ZONE

SOIL CLASSIFICATION

2-10-92

Tooth Hole A

Highland Meadows Loft R/Milly

laminar
& rock
15%
stratified
to south

North



1/2 ft dark brown
silt - silty
5 ft subsoil
dark to light brown
South side
Yellow (large grains)
broken > 90% rock

Rocky layer foliated as 90% (brown > vert. strike) and disappears as red clay subsoil to 4 ft depth
begin (silt m-c z 3k clay floor)

6-7 ft
light colored fine laminar gritty like sandy brown (1 ft thick)
fine laminar dark black-graft cream silt laminar light fine brown. (one 18" thick) (1/2 to 2 ft thick)
dark + orange fine laminar (C med grey lam) 1/2 ft layer (to waxy lamination pink to white pink) hard to mud soft str. separate (North, across & S
- 12' deep -> blue green silt cream fine laminar crumble to hard str -> massive siltstone -> 75% silt rock (unweathered)
↓ 3 ft thick

C1 2452 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A37071

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-80-0825

OWNER KERWIN HOMES INC STREET OR RFD LONG LEAF DR TOWN CLARKSVILLE SUBDIVISION HOLLAND MEADOWS SECTION 1 LOT 8

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Topsoil, Sandstone, Gray mica schist, Granite, Quartz, and Granite.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below MAIN CASING Nominal diameter Total depth

OTHER CASING (if used) diameter depth (feet)

SCREEN RECORD screen type or open hole insert appropriate code below

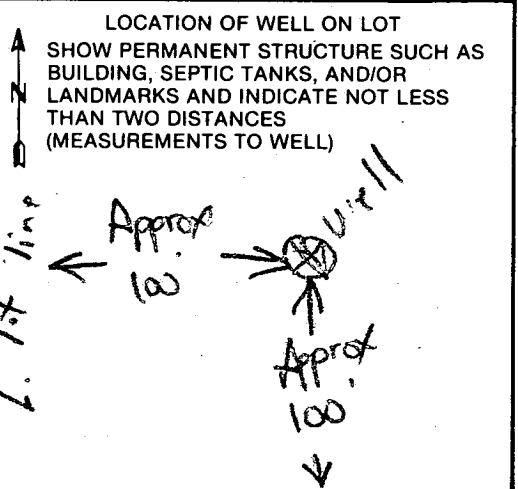
DEPTH (nearest ft.) SLOT SIZE DIAMETER OF SCREEN

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED PUMPING RATE METHOD USED TO MEASURE PUMPING RATE WATER LEVEL BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE



CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

COUNTY