

11-24-95  
C/O 10:00  
RETR 2-3  
5/26/95  
anytime

05-411270

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50705

A 37074

DISTRICT 5th

DATE 5-23-95

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-9933~~ 313-2640

DATE SYSTEM APPROVED 5-26-95

INSPECTOR G. SAVAGE

# INDEXED

Terry Conrad IS PERMITTED TO INSTALL X ALTER       

ADDRESS 16809 Oak Hill Road, Silver Spring, Maryland 20905 PHONE 301-879-0810

SUBDIVISION Highland Meadows LOT 11 ROAD 13301 Long Leaf Drive

PROPERTY OWNER Kim SaeHwan

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

5-23-95  
contractor can't make gravity to system - plumbing out of house deeper in ground than BP shows. changed specs as shown below in phone conversation.

LINEAR FEET OF TRENCH REQUIRED 254 168

TRENCHES - Trench to be 2 feet wide. Inlet <sup>4</sup>3.5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3.5 feet below original grade. <sup>4</sup>5.05 feet of stone below distribution pipe.

LOCATION - Place distribution box 250 feet up the left (454.00') lot line and 80 feet off that same lot line as seen when facing the lot from Long Leaf Drive. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 5/22/95 DKS

Amy McMillen

PLANS APPROVED BY Amy McMillen DATE 04/05/95

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)

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

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

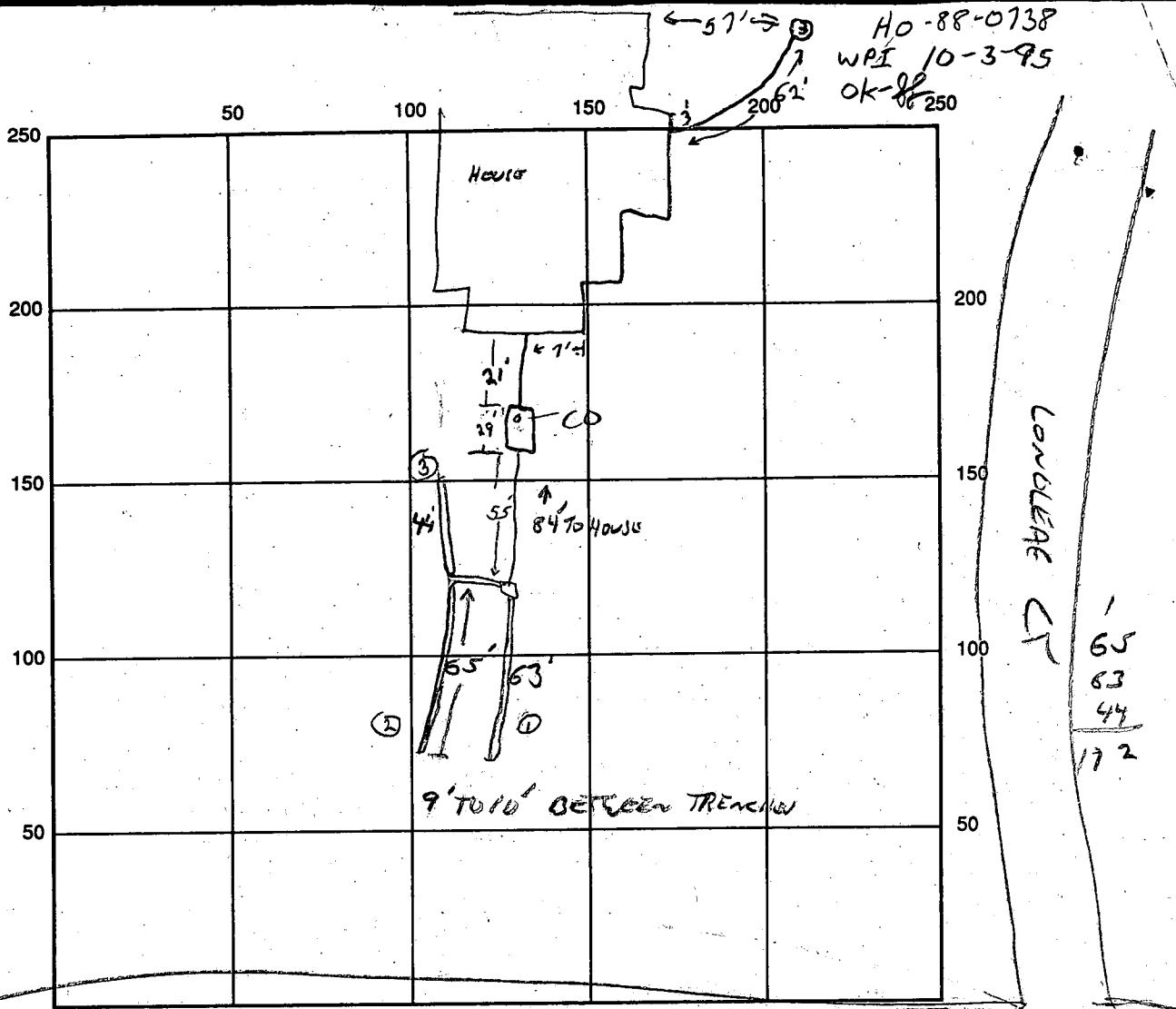
PERMIT VOID AFTER TWO YEARS

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  
37074



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE BRIGHTON DAM RD

SEPTIC TANK LEVEL OK TWO PIECE TANK CLEANOUTS 1 ON TANK

DISTRIBUTION BOX LEVEL OK BARELY IN, SPEED LEVELERS OK 88

DRAIN FIELD/TITLE DEPTH NA FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 172 FT.

NUMBER OF TRENCHES 3 ~~ONE~~ SIDEWALL/~~BOTTOM~~ AREA 860 SQ. FT.

DRYWALL INSIDE DIAMETER NA FT. EFFECTIVE DEPTH BELOW INLET 5 FT.

ABSORBENT AREA NA SQ. FT.

REMARKS: 5/24/95 TRENCH DEPTH 9'. NEED TO SEE WALL CONNECTION,  
DISTRIBUTION BOX, ENDS OF TRENCHES. 88 5/24 TRENCHES STONE & PARTS  
STILL NEEDS HOUSE CONNECTION. 88 OK TO COVER ALL EXCEPT  
HOUSE CONNECTION 88 5/26/95 HOUSE CONNECTION OK, 3' 6"  
DEEP AT WALL. 88 10-3-95 WPI PIPES ROADER OK, DEPTH 40'  
NEEDS 2 PIECE CAP, OK TO COVER. 88

DATE SYSTEM APPROVED 5/26/95 INSPECTOR Elen A. [Signature]

# APPLICATION

PERCOLATION TESTING

A 37074  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 SAEH WAN KIM  
~~Brighton Dam Limited Partnership~~ Highland Meadows Estates Ltd. Part.  
6228 Clearwood Road  
Bethesda, MD 20817  
PHONE 301-428-0800  
301-229-8838  
410-750-5844

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

LOT 11 ON PREMIUM PLAN

PROPERTY LOCATION:

SUBDIVISION Highland Meadows LOT NO. 15  
ROAD AND DESCRIPTION Highland Road at Brighton Dam Road 13301 LONG LEAF DR

TAX MAP 34 PARCEL # 169

SIZE OF LOT 3 AC + TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED  
AND RETURNED 4/3/95  
Serial # 58005-4Bum

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 6/2/86 Perc OK RA

BLDG. PERMIT SIGNED  
AND RETURNED 8/30/89  
Serial # 28779  
SFD - 4/5 Bedrooms

# THIS IS NOT A PERMIT

SOIL PROFILE


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

EH-12-1079

# APPLICATION

## PERCOLATION TESTING

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

A \_\_\_\_\_

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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. 15 on preliminary

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TAX MAP 34 PARCEL # 169

SIZE OF LOT 3 AC + TYPE BLDG. SFD  
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(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

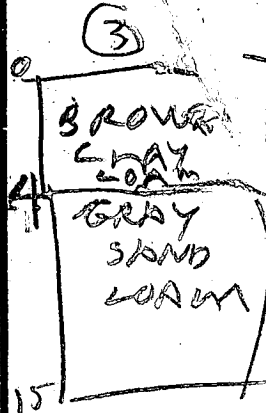
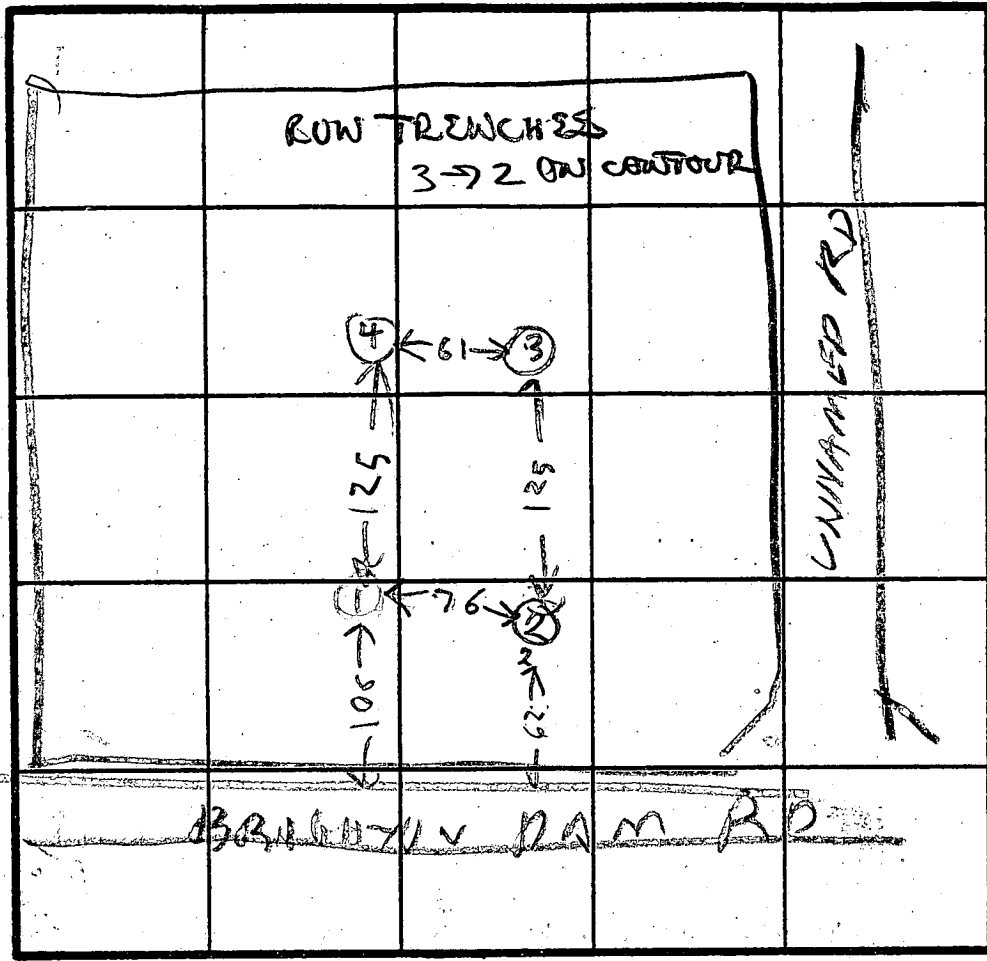
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 2/20/89 spec written

# THIS IS NOT A PERMIT

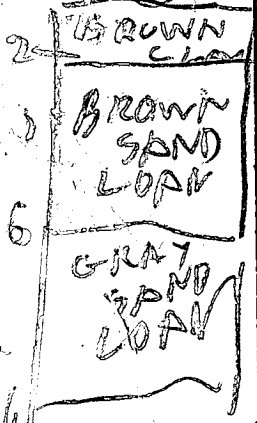
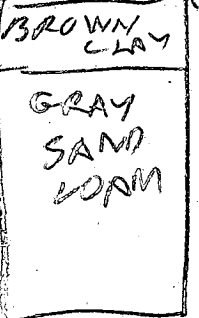
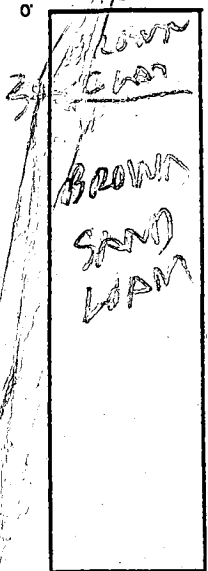
Lot 15



HOLE ELEV almost level

(3) = HIGH  
(2) = LOW

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2/86	1S	3.5	1113	1122	1122	1134	22
	1D	6	1113	1116	1116	1120	4
	1V	10	LOOKS OK				
	2S	4	1119	1121	1121	1124	3
	2D	7	1119	1120	1120	1124	5
	2V	11	LOOKS OK				
	3S	4.5	1132	1152	1152	1116	24
	3D	11	1132	1136	1136	1142	6
	3V	15	LOOKS OK		OK BELOW 5 FT		
	4S	3	1138	1140	1140	1144	4
	4V	16	LOOKS OK				
	4V	16	LOOKS OK				

7 PERC  
10 MIN  
INLET 3  
BOTTOMS  
200#/BA

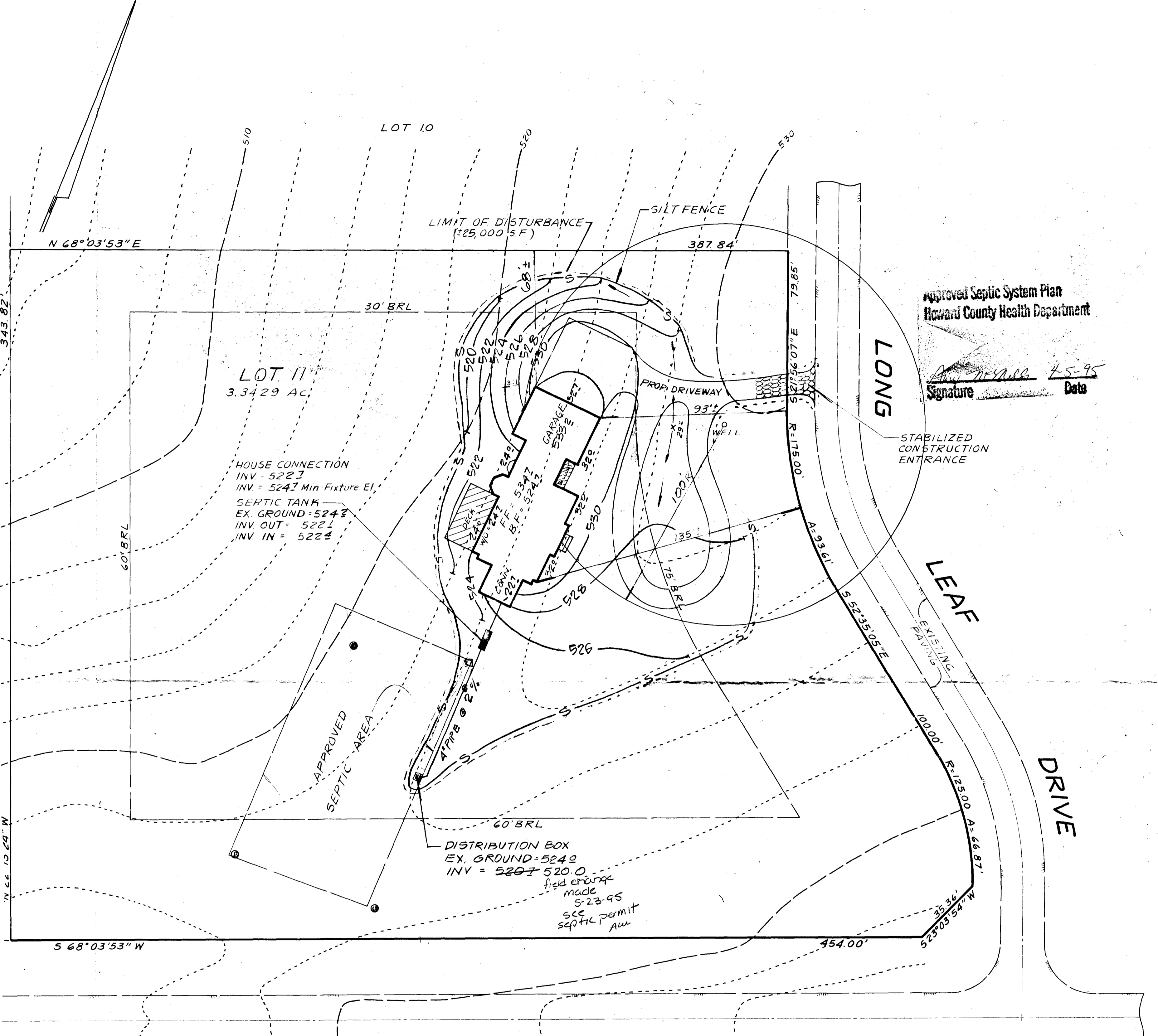
EH-12-1079

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY R. HODGES

ALSO PRESENT BUD ARNOLD COMPANY



Approved Septic System Plan  
Howard County Health Department

*Anthony M. Yall* 7-5-95  
Signature Date

**LOT II**  
3.3429 Ac.

HOUSE CONNECTION  
INV = 5223  
INV = 5247 Min Fixture El.

SEPTIC TANK  
EX. GROUND = 5243  
INV. OUT = 5221  
INV. IN = 5224

DISTRIBUTION BOX  
EX. GROUND = 5240  
INV = 5207-520.0  
field arrange  
made  
5-23-95  
see permit  
AW

**BRIGHTON DAM ROAD**

ALL WELL AND SEPTIC SYSTEMS  
WITHIN 100' OF THIS PROPERTY  
ARE SHOWN ON THIS PLAN.

**SURVEYOR'S CERTIFICATE**

I hereby certify that to the best of my knowledge  
and belief, that the information shown hereon is correct.

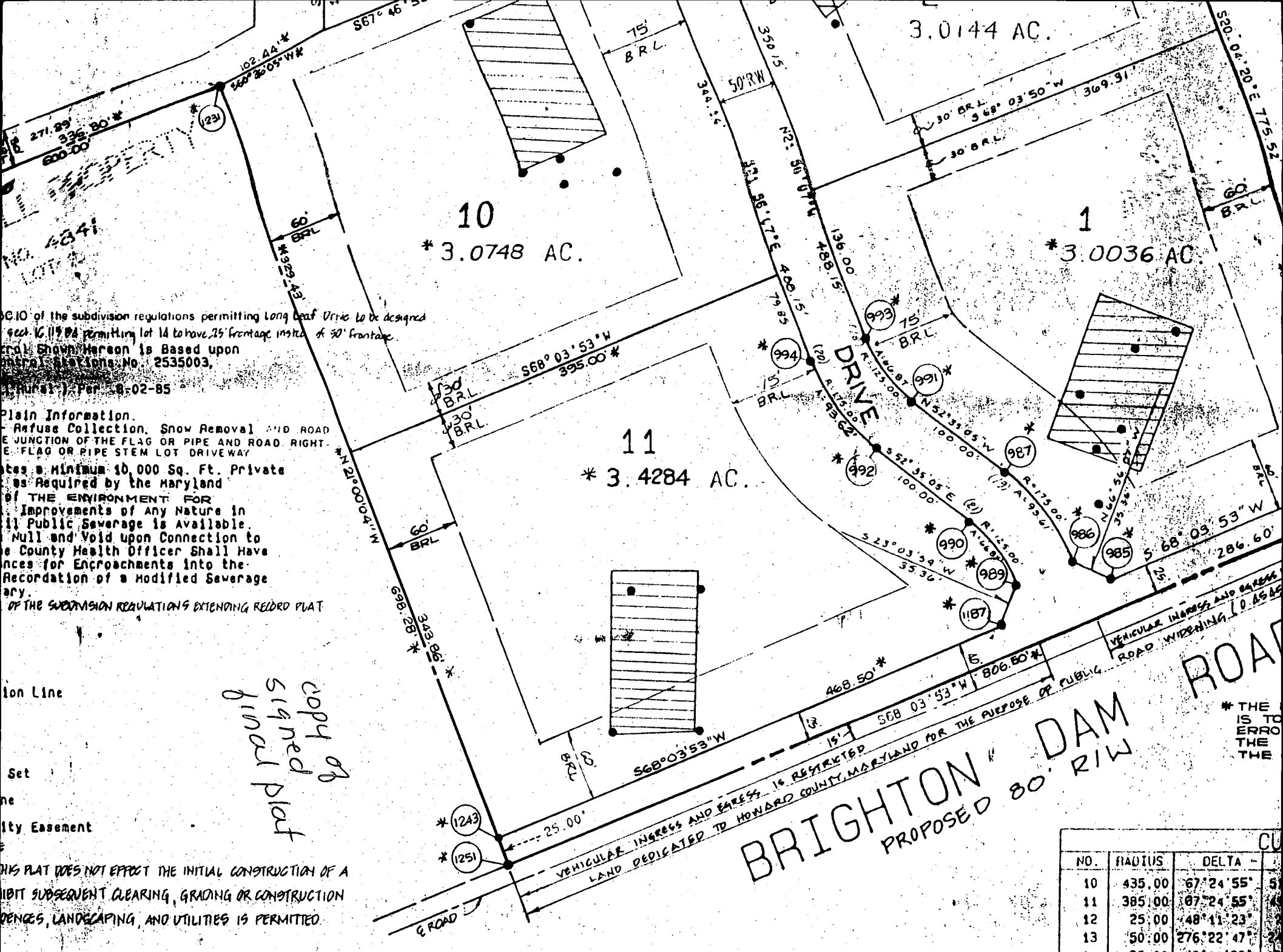
*Jefferson D. Lawrence* 7-5-95  
Jefferson D. Lawrence Date  
Professional Land Surveyor  
Maryland Registration 5216

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.  
Howard County Health Department

Owner/Developer:  
TONY CAMPANILE  
17509 SIR GALAHAD W  
ASHTON, MD. 20864  
301-774-3498

Date \_\_\_\_\_ Howard County Health Officer \_\_\_\_\_





Section 10 of the subdivision regulations permitting Long Leaf Drive to be designed  
 Section 11 of the subdivision regulations permitting lot 14 to have 25' frontage instead of 30' frontage.  
 The plat shown hereon is based upon  
 Plat No. 2535003,  
 (Plat No. 1) Per 8-02-85

Plain Information.  
 Refuse Collection, Snow Removal AND ROAD  
 JUNCTION OF THE FLAG OR PIPE AND ROAD RIGHT-  
 OF-WAY FLAG OR PIPE STEM LOT DRIVEWAY  
 Minimum 10,000 Sq. Ft. Private  
 as Required by the Maryland  
 DEPARTMENT OF THE ENVIRONMENT FOR  
 Improvements of Any Nature in  
 if Public Sewerage is Available.  
 Null and Void upon Connection to  
 County Health Officer Shall Have  
 Powers for Encroachments into the  
 Recordation of a Modified Sewerage  
 System.

OF THE SUBDIVISION REGULATIONS EXTENDING REDD PLAT

Line  
 Set  
 ne  
 ity Easement

*copy of  
 signed  
 final plat*

THIS PLAT DOES NOT EFFECT THE INITIAL CONSTRUCTION OF A  
 TRIBUT SUBSEQUENT CLEARING, GRADING OR CONSTRUCTION  
 FENCES, LANDSCAPING, AND UTILITIES IS PERMITTED.

OWNER'S CERTIFICATE \*

**BRIGHTON DAM ROAD**  
 PROPOSED 80' RIW  
 VEHICULAR INGRESS AND EGRESS IS RESTRICTED  
 LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE OF PUBLIC ROAD WIDENING 10.45 AC

NO.	RADIUS	DELTA
10	435.00	67°24'55"
11	385.00	67°24'55"
12	25.00	48°11'23"
13	50.00	276°22'47"
14	25.00	48°11'23"

RECORDED AS PLAT

C1 2455

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 A37074

DATE Received

DATE WELL COMPLETED 070699

Depth of Well 460 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-88-0738

OWNER KERWIN HOMES STREET OR RFD BRIGHTON DAM RD TOWN CLARKSVILLE SUBDIVISION HIGHLAND MOUNTAINS SECTION 1 LOT 11

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Includes entries for Topsoil, Sandstone, Granite, Flint, and Gray Mica Schist.

GROUTING RECORD form including fields for GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY BC), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, and DEPTH OF GROUT SEAL.

CASING RECORD form including fields for casing types (STEEL ST, CONCRETE CO, PLASTIC PL, OTHER OT) and MAIN CASING details (Nominal diameter, Total depth).

OTHER CASING (if used) form with fields for diameter and depth.

SCREEN RECORD form including fields for screen type (STEEL ST, BRASS BR, BRONZE HO, PLASTIC PL, OTHER OT) and screen details.

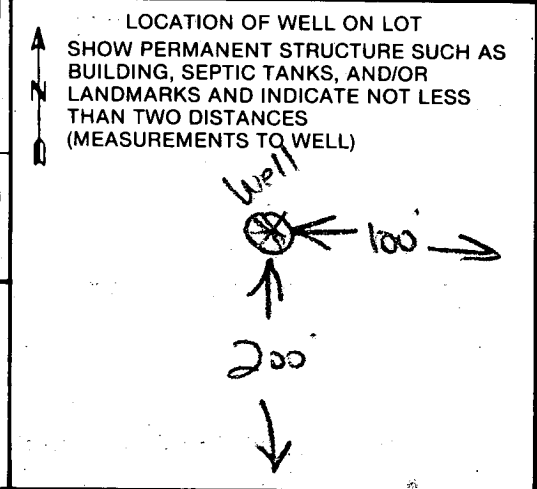
DEPTH (nearest ft.) form with grid for recording depth measurements from 0 to 51 feet.

GRAVEL PACK and FLOWING WELL INSERT form with fields for diameter and length.

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) form with fields for TELESCOPE CASING, LOG INDICATOR, and OTHER DATA.

PUMPING TEST form including fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, and TYPE OF PUMP USED.

PUMP INSTALLED form including fields for DRILLER WILL INSTALL PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, and PUMP COLUMN LENGTH.



CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

COUNTY

Brighton Dam Rd.

HOCO ENVHEALTH

TEL No. 4103132648

Oct 3, 95 8:07 No.001 P.01

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement   
Name of Installer ROY R. HUNT JR & SONS PLUMBING & HEATING CO. Receipt # \_\_\_\_\_ Date 10/2/95  
Telephone 301-3848334  
License Number P-79943 Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber   
Name of Property Owner SAE HWAN Telephone 410-750-5840  
Subdivision HIGHLAND MEADOWS Lot # 118K9 Well Tag # HO-88-0738  
Site Address 1330 LONG LEAF DRIVE L.F. EASTER DAY  
CLARKSVILLE, MD. 2029

Pump Motor Pitless Adapter  
1. Type a. Deep well jet \_\_\_\_\_ b. Shallow well jet \_\_\_\_\_ c. Submersible  1. Horsepower 1HP 1. Make MARTINSON  
2. Make GOULD 2. RPM 3450 2. Model # \_\_\_\_\_  
3. Model # 56510422 3. Voltage 220V 3. Depth 4'  
4. Capacity 27 GPM a. 110 \_\_\_\_\_ b. 220   
5. Pump exceeds well capacity Yes \_\_\_\_\_ No   
6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No   
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards  Other \_\_\_\_\_

Tank 9.9 DRAW DOWN Piping 1/2" Well data  
1. Capacity 318 GAL 1. Type POLYETHYLENE 1. Depth 458' ft.  
2. Pressure relief valve? YES 25" 2. Size 1" 2. Yield 10 GPM  
3. NSF and/or BOCA Code approved BOCA 3. Static water level 382 ft. COL. OF WATER  
4. Depth of supply line 425' 4. Will water supply be disinfected by installer? YES

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.  
Signature of Applicant: [Signature]  
Date: 10/2/95

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.