

11-29-94
repair perc
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50402

A REPAIR

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-2133~~ 313-2640

⁰⁵⁻
#411211

SOA DATE 11/17/94
ADJUSTMENT
DATE SYSTEM APPROVED 11/01/95

INDEXED

INSPECTOR ALM JR RP

Tom Kenny (Butch Heppe) _____ IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 9500 Nottingham Drive PHONE 301-599-6045

SUBDIVISION Highland Meadows LOT 6 ROAD 13341 Long Leaf Drive

PROPERTY OWNER Thomas & Kathleen Copmann

ADDRESS _____

SEPTIC TANK CAPACITY _____ GALLONS

NUMBER OF BEDROOMS _____

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

REPAIR - PURPOSE - TO MODIFY THE EXISTING SEWAGE DISPOSAL EASEMENT TO ACCOMMODATE THE DESIRED POOL LOCATION.

Call for inspection when ground is opened so sanitarian can approve soils.

Test "A" soils OK for revised septic Area - sufficient room for several repairs.

Nearest trench is 30ft from proposed pool site so no change in septic system needed at this time. R. H. Kelly 11/29/94

PLANS APPROVED BY _____ DATE _____

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

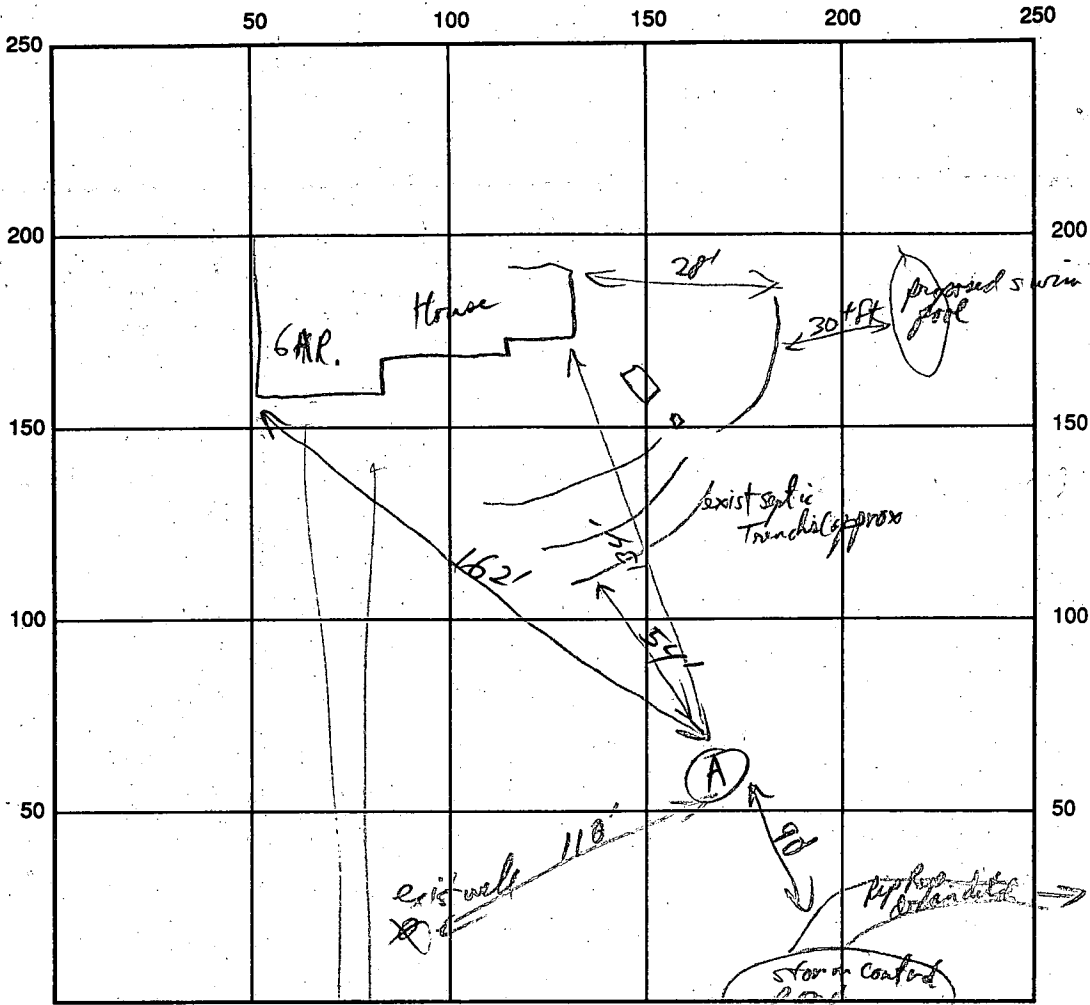
PERMIT VOID AFTER TWO YEARS

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**

P 50402



Test Hole A
 3-4' yellow
 - yellow brown
 SiCL-CL
 Transition
 4'
 tan
 - pale
 grey tan
 Sandy
 loam
 11'

SEPTIC TANK LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

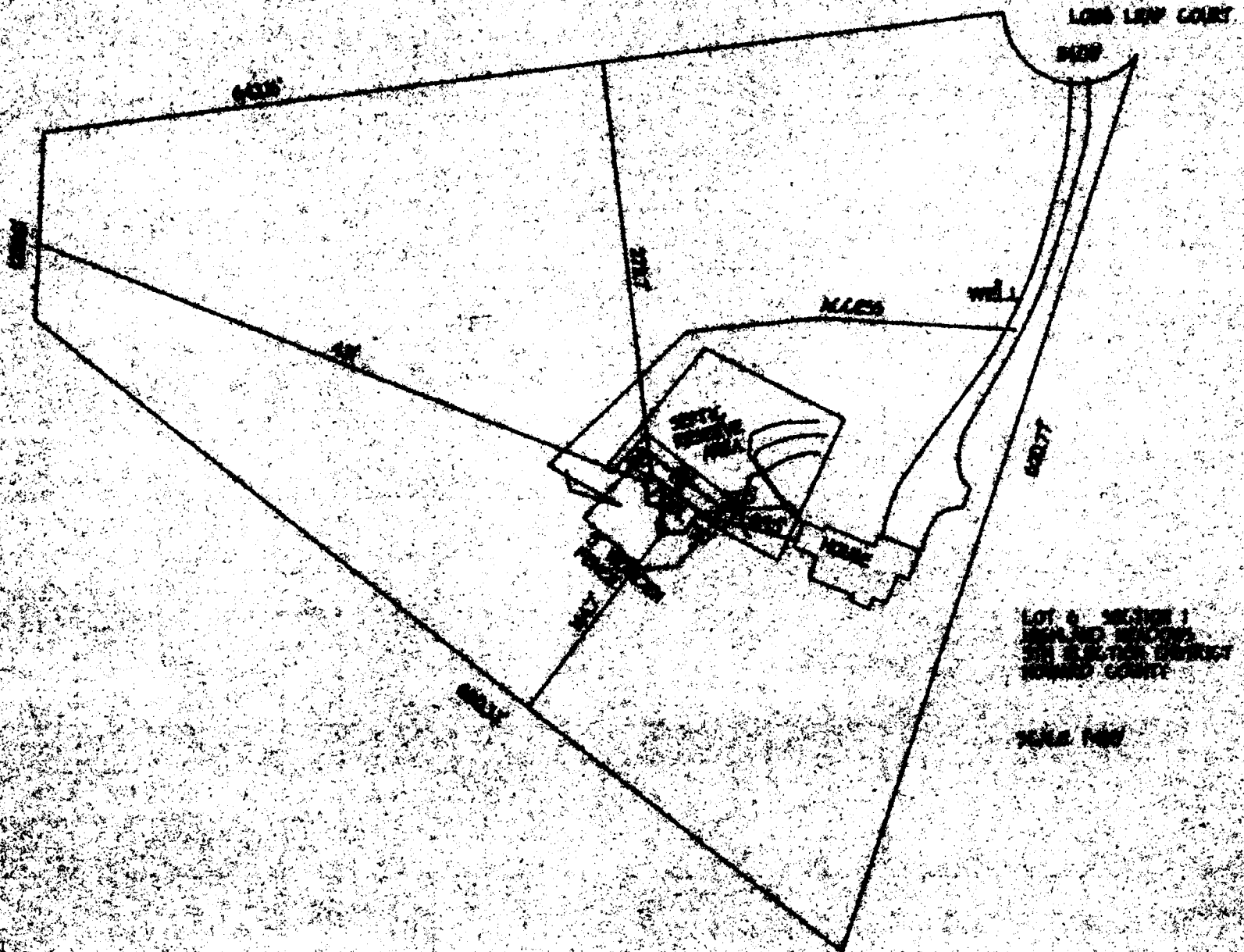
NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: No Septic Repair Necessary PP 11/29/94

SDA
 ADJUSTMENT
 DATE SYSTEM APPROVED 1/19/95 INSPECTOR Amey M. Mullen



LOW LIFT COURT

WELL

600'

40'

WALLS

WELL

100'

OFFICE

RECEPTION

100'

100'

LOT 2 SECTION 1
WALL 100'

WALL 100'

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

P 449122

A 37068

DISTRICT 5th

DATE 4/12/93

DATE SYSTEM APPROVED 5/18/93

INSPECTOR [Signature]

Arnold Backhoe & Septic Services IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Highland Meadows LOT 6 ROAD 13341 Long Leaf Drive

PROPERTY OWNER Trinity Custom Homes Thomas L & Kathleen Copmann

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 4 feet below original grad. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 380 feet from the center point of Long Leaf Court and 140 feet from the left side of the lot as seen when facing the lot from Long Leaf Court. Run the trenches toward the front lot line and rear lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/30/93 RL

PLANS APPROVED BY Raymond Hodges DATE 10/05/89

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.

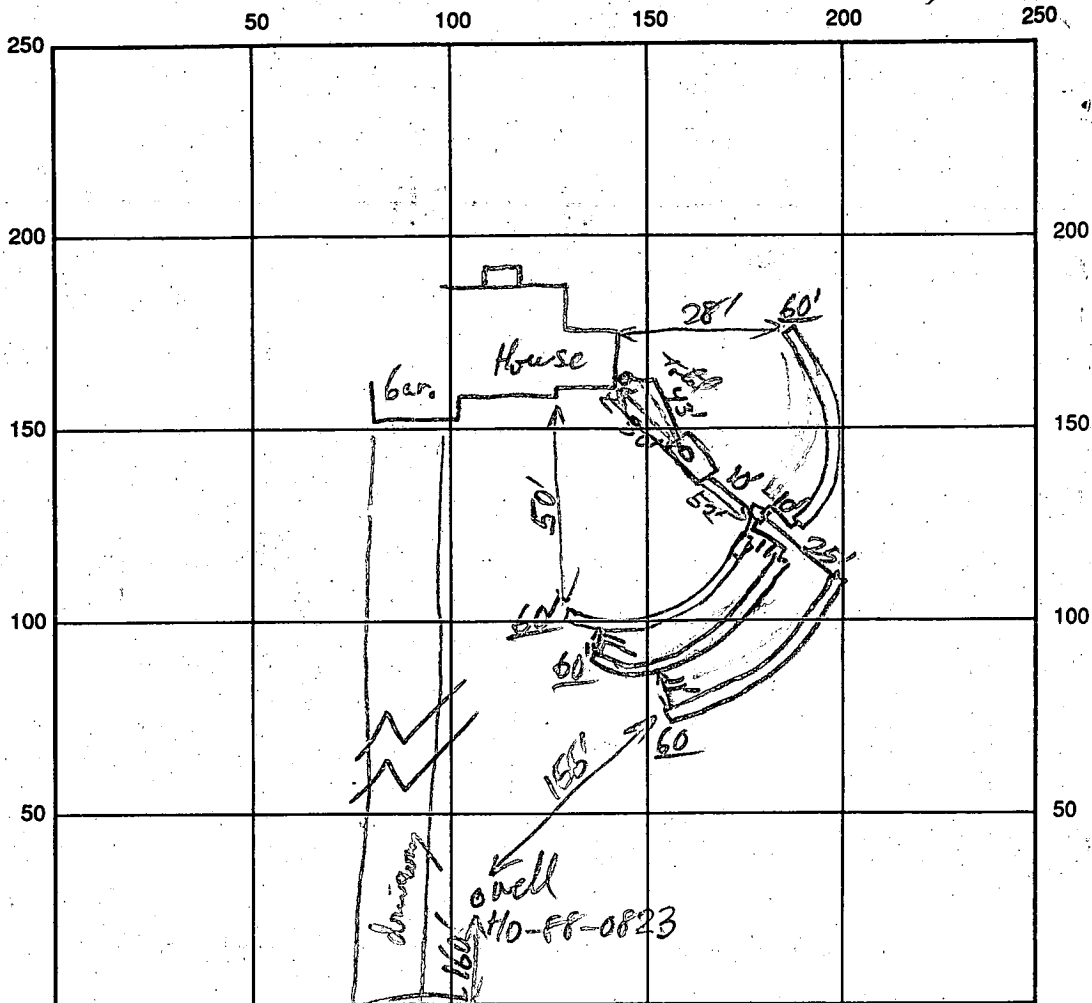
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED AND RETURNED 9/21/93

Seal # 50657

3 level deck

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL Long Leaf Dr 1260 CLEANOUTS

DISTRIBUTION BOX LEVEL used sand levels

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT. (60' long each)

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: OK to lower, 6/18/93 good sandy loam throughout system

DATE SYSTEM APPROVED 6/18/93 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 37069

P _____

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

*5/4/87
retest OK'd
pending approval*

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 *Trinity Custom Homes*
6228 Clearwood Road *Highland Meadows Estates htd, Partnership*
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. 10
ROAD AND DESCRIPTION Highland Road at Brighton Dam Road *13341* LONG LEAF DR
Lot 6 on Prelim

TAX MAP 34 PARCEL # 169

SIZE OF LOT 3 AC + TYPE BLDG. SFD *4 Bedroom*
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED *5/5/87*
Serial # 29986 - SFD

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 6/5/86 Perc OK Hold for Plant P P

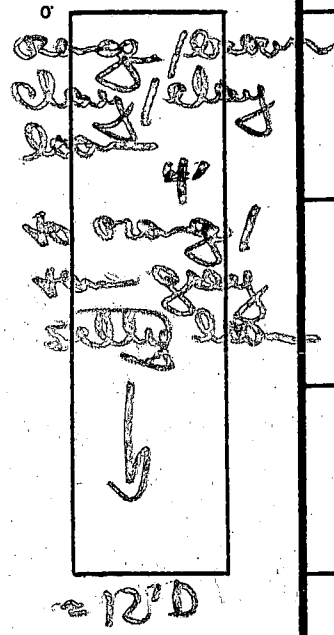
BLDG. PERMIT SIGNED 5/4/87 *Retested due to clarification*
AND RETURNED 7/9/93
Serial # 47018 - SFD - 4Bms Site OK'd 2/1/88 *Lot line adj on Prelim have removed well site hold for reevaluation*

THIS IS NOT A PERMIT

Lot 10

④

SOIL PROFILE



see previous sheet
for precise location

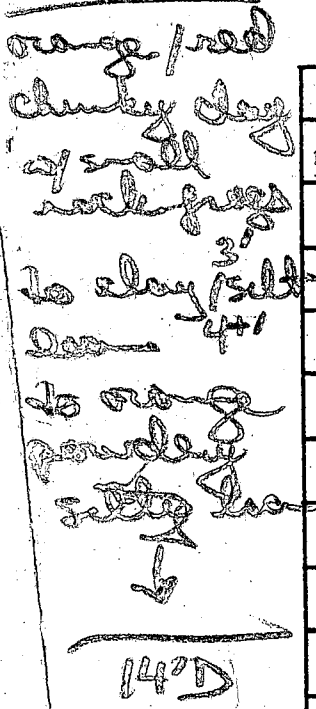
run trenches on contour

354

180 #/BD.
JULY 4'
MAX DB 60'
X 3 1/2 MIN

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

⑤



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/5/87	④	2 1/2'	344	345	345	347	2 MIN	
		5'	345	347	347	350	3 MIN	
		12'D	bottom (see profile)					
	⑤	5'	355	357	357	401	7 MIN	
		14'D	bottom (see profile)					

REMARKS: All 4 holes redug next to 1st (original test) verify high & low holes (no sign of H₂O)

TYPE OF SOIL _____
TESTED BY B. Nyman ALSO PRESENT Rocky J. Allen

APPLICATION

PERCOLATION TESTING

A 37069
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 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. 10

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 _____

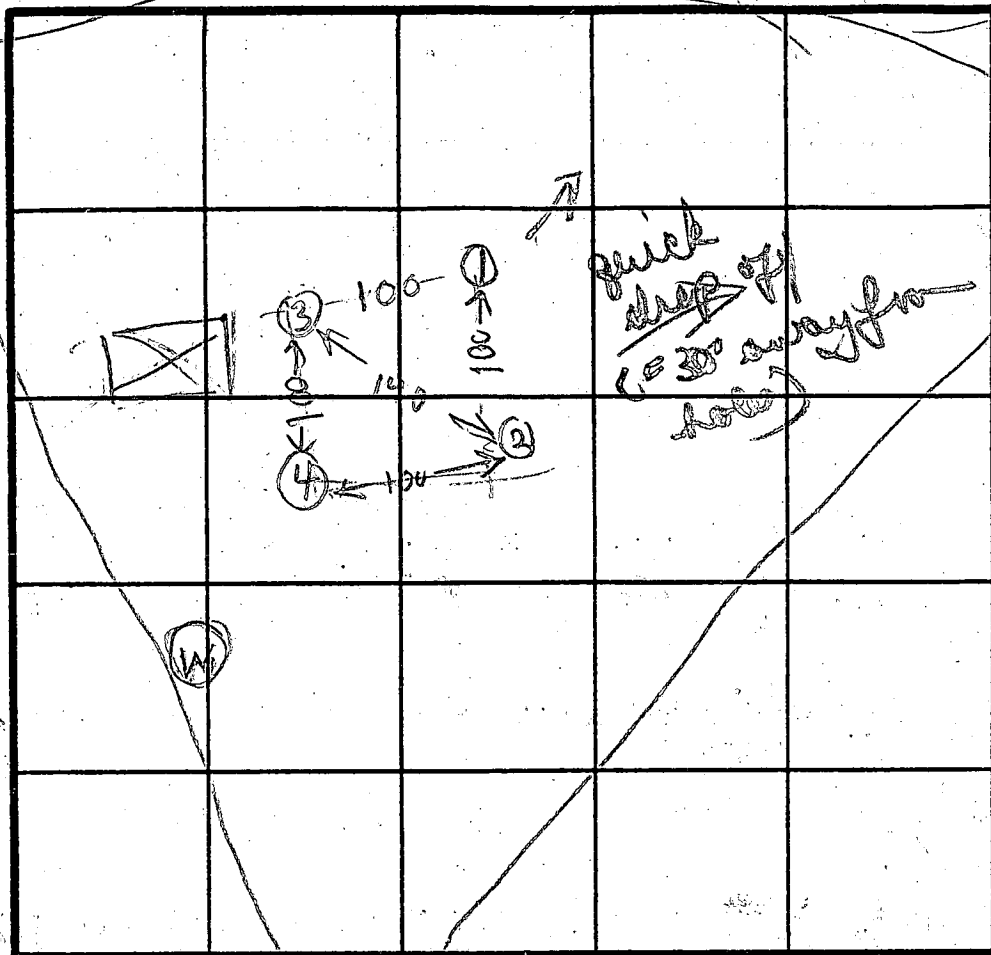
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Lot 10



HOLE ELEVATION
 (1)(2) = LOW
 (3)(4) = HIGH

SOIL PROFILE

0
 LIGHT BROWN CLAY LOAM
 3
 TAN SAND LOAM
 15
 12

0
 BROWN CLAY LOAM
 4
 TAN SAND LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

CT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/5/86	1V	12	LOOKS	OK			
6/5/86	1S	4	117	118	118	120	2
	1D	8	115	115	116	118	2
	2S	4	137	140	140	149	9
	2D	8	139	140	140	141	1
	2V	12	LOOKS	OK			
	3S	4	146	148	148	152	5
	3D	10	151	152	152	153	1
	3V	14	LOOKS	OK			
	4S	4	159	202	202	204	2
	4D	8.5	159	207	207	205	4
	4V	13	LOOKS	OK			

0
 BROWN CLAY LOAM
 4
 TAN SAND LOAM

0
 BROWN CLAY LOAM
 3
 LIGHT BROWN SANDY CLAY LOAM
 EH-12-1079

REMARKS PERC HOLE (1) DUG PER SURVEYOR STAKE
 HOLE (2)(3)(4) NOT DUG PER SURVEYOR STAKE

TESTED BY R HODGES

WAYNE RICK & BUD ARNOLD CO
 ALSO PRESENT

APPLICATION

PERCOLATION TESTING

A 37068

P _____

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

*5/15/87
perc unsuccessful*

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.

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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. 2

*Parcel A on Prelim
(should be merged
into other lots)*

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 _____

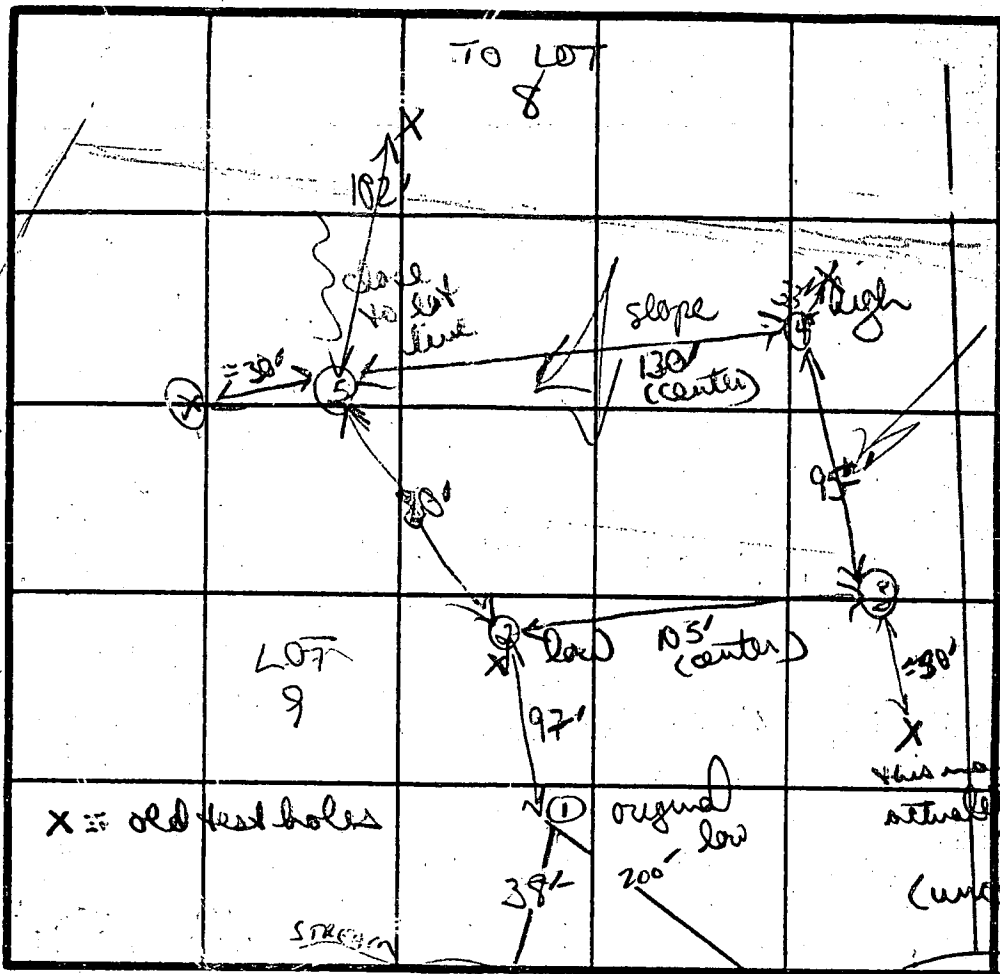
REASONS FOR REJECTION OR HOLDING 6-9-86 HOLD FOR WET SEASON TESTING. S. After

Bad perc times & heavy clay
3/4/88 incorporated into lot 5 + lot 6

THIS IS NOT A PERMIT

SOIL PROFILE

③
 0' brown/orange clay 4 1/2'
 layer of chert gravel med frags 6 1/2'
 to orange powdery silty mica loam
 14' 2"



⑤
 orange/brown clay mica silty loam 3 1/2'
 layer med frags rock 5'
 to orange clay/loam 7'
 to silty loam 13' D

③
 orange/brown clay (clay 3" w/ med) 5 1/2'
 thin layer of gravelly frags 4 1/2'
 to orange gradually powdery 6 1/2'
 to tan/white silty mica loam
 13' D

④
 brown/orange clay to clay loam w/ gravelly frags
 to bright red powdery to orange silty loam

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/3/84	1V	OK TO 12'	SAND LOAM	4-12"	WET AT 10"	NO H ₂ O		
			small med rock frags on surface					
5/4/87	②	5' S	502	stopped	515			
		8 1/2' M	DID NOT TEST (PROBABLY OK)					
		14' D	bottom see profile					
	3	14' S	505	stopped	525	little/no movement		
		13' D	bottom (see profile)					
	4	4 1/2' S	524	little/no movement				
		12 1/2' D	bottom (see profile)					
	⑤	5' S	515	535	2 1/2" movement stopped			
		13 1/2' D	bottom					

REMARKS No corner stakes; extra holes dug but info on them. New high hole may infringe on original house/well.

TYPE OF SOIL

TESTED BY

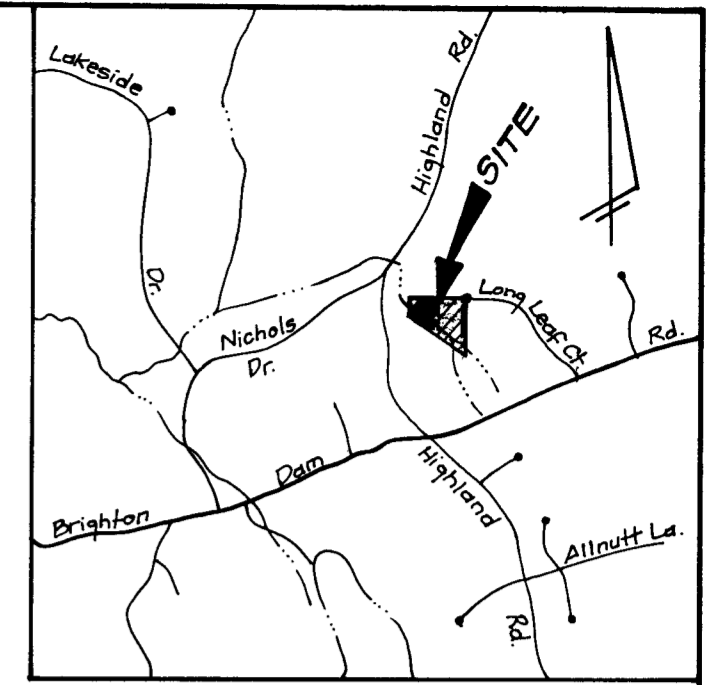
S. King / A. J. Van

GEORGE R. &
JULIA A. CARTER
L. 282, P. 115

RCU'D
JAN 20, 1993

GENERAL NOTES

1. Reference Plat Number 8745.
2. Subject property is zoned R.
3. Topography taken from preliminary plans prepared by Dewberry & Davis, Inc.
4. Septic system to be determined at time of permit issuance.



VICINITY MAP

Scale: 1" = 2000'

LEGEND

- Contour Interval 2 Ft.
- Existing Contour 470
- Proposed Contour 470
- Spot Elevation + 70%
- Direction of Drainage
- Walk-out Basement

HIGHLAND MEADOWS LOT 14

LOT 13

LOT 7

LOT 5

WETLANDS

Elevations OK
2/9/93
CW

4 Trenches
180' Total Linear Feet
10' Apart


SEPTIC AREA

Distribution Box
Ex. Grd. 470.8
Inv. Elev. 467.8

Septic Tank
Ex. Grd. 468.8

12" OMP 1699
20 CF
Inv. 464.0
Top Elev. 465.0
Inv. 465.0

LONG LEAF COURT

 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA MD 21045 • 410/381-7500 BALTO • (301) 621-8100 - WASH		
DESIGNED JME	SITE DEVELOPMENT PLAN LOT 6 HIGHLAND MEADOWS SECTION ONE 5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND FOR: TRINITY BUILDERS 6212 Devon Drive Ellicott City, Md. 21043	SCALE 1" = 50'
DRAWN BAL		DRAWING 1 OF 1
CHECKED JME		JOB NO. 93-012
DATE JAN. 1993		FILE NO. 93-012 X

2450

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 A37069

DATE RECEIVED

DATE WELL COMPLETED 071189

DEPTH OF WELL 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-88-0623

OWNER KERWIN HOMES INC STREET OR RFD 13341st name BRIGHAM DRIVE RD first name TOWN CLARKSVILLE SUBDIVISION HIGHLAND MEADOWS SECTION 1 LOT 6

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for Top Soil, Sand Stone, Gray Mica, Opening, Gray Mica, Br Mica, Gray Mica.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT CM, BENTONITE CLAY BC. NO. OF BAGS 25, NO. OF POUNDS 115. GALLONS OF WATER 115. DEPTH OF GROUT SEAL 92 ft.

CASING RECORD. MAIN CASING TYPE: ST (STEEL). Nominal diameter 60, Total depth 106. OTHER CASING (if used) section.

SCREEN RECORD. SCREEN TYPE: ST (STEEL). DEPTH (nearest ft.) 106. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN 56 (NEAREST INCH).

PUMPING TEST. HOURS PUMPED 2. PUMPING RATE 10 gal. per min. METHOD USED TO MEASURE PUMPING RATE 1. WATER LEVEL (distance from land surface) BEFORE PUMPING 17, WHEN PUMPING 29. TYPE OF PUMP USED (for test) S (submersible).

PUMP INSTALLED. DRILLER WILL INSTALL PUMP YES (NO). IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX: SEE ABOVE: 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31-35. PUMP HORSE POWER 37-41. PUMP COLUMN LENGTH (nearest ft.) 43-47. CASING HEIGHT (circle appropriate box and enter casing height) 4 above } LAND SURFACE (nearest foot) 2.

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. 40. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION). SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

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.

LOCATION OF WELL ON LOT. SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

B 1 9148 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

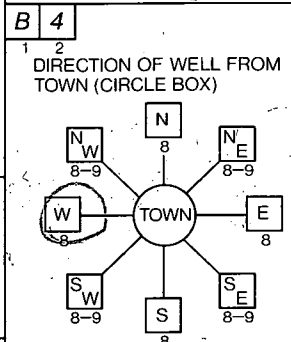
STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
H0-88-0823
fill in this form completely

Date Received (APA) 051089
OWNER INFORMATION
KERWIN HOMES INC
Last Name Owner First Name
24024 FREDERICK RD
Street or RFD
CLARKSBURG MD 20871
Town State Zip

B 3 LOCATION OF WELL R 44202
HOWARD
COUNTY
HIGHLAND MEADOWS
SUBDIVISION
SECTION 1 LOT 6
CLARKSVILLE
NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION
George F. Easterday
Driller's Name License No. 40
L. Franklin Easterday, Inc.
Firm Name
9265 Brown Church Rd., Mt. Airy, Md. 21771
Address
Signature George F. Easterday Date 5/4/89



BRIGHTON DAM RD
NEAR WHAT ROAD
LONG LEAF DR
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST
EAST
SOUTH
300
DISTANCE FROM ROAD
ENTER FT or MI FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A37069
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 070589 C. Williams 1/5/90
CO SIGNATURE EXP. DATE
NORTH GRID 498000 EAST GRID 0806000
GRID 50 55 57 63

APPROXIMATE DEPTH OF WELL 200 FEET

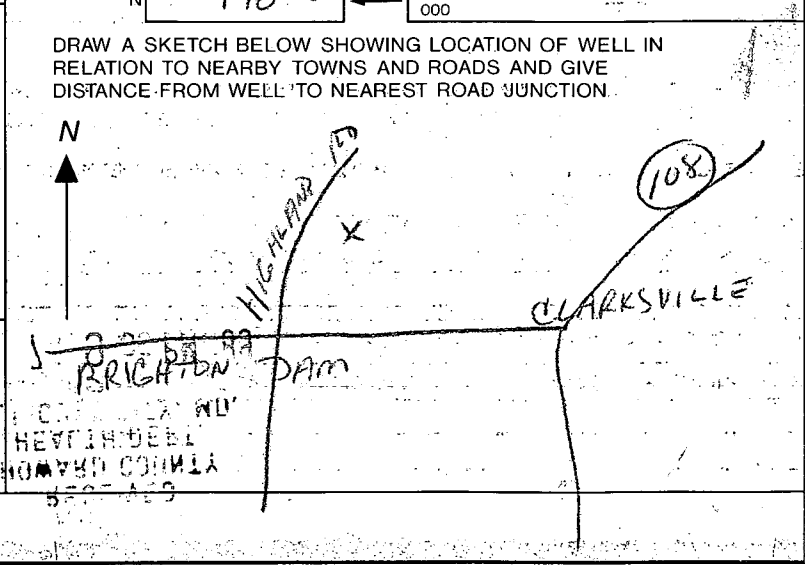
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTARY Drive-POINT
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. WELL
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E 800 6
N 490 8

7/1
NOT GROUTED
POSS. LATE 7/10?
MR 7/10/89

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL.
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER _____
FORCE CW INITIALS IN BOX
PERMIT No. H0-88-0823

SPECIAL CONDITIONS