

6/3/93 2 PM (GO EARLY)
6/4/93. ASAP.

05-41238

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48972

A 37070

DISTRICT 5th

DATE 7/22/93

DATE SYSTEM APPROVED 6/4/93

INSPECTOR RH

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

Paul Schissler/South Carroll Backhoe _____ IS PERMITTED TO INSTALL ALTER _____

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-2166

SUBDIVISION Highland Meadows LOT 7 ROAD 13333 Long Leaf Drive

PROPERTY OWNER Margaret and Marty Williams

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 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 300 feet from the front line and 80 feet from the left side of the lot as seen when facing the lot from Longleaf Court. Run the trenches toward the rear.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 2/12/93 RH

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

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

A 37070

APPLICATION

HOWARD COUNTY

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER
97013

\$ 25
W

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)
13333 LONG LEAF DRIVE
CIRKESVILLE, MD 21029

GRADING/SEDIMENT CONTROL YES NO
SDP #

DESCRIPTION OF WORK AUTHORIZED
New Construction -
Single Family Detached
- 4BR

JOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
17	169	-	-	8	-	-
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
HIGHLAND MEADOWS		K/R	34	5	6051.01	

OWNER NAME AND ADDRESS
MARGARET AND MARTY WILLIAMS
3640 TURBIDELLE DRIVE
ELICOTT CITY, MD 21043
PHONE NO. 301/510-9272

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
	61'	42'	34'

OCCUPANT'S NAME AND ADDRESS
Owner
PHONE NO.

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS	4		Asphalt
ROOMS	3 1/2		
BATHS	2		
FIREPLACES			

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
BOENDER ASSOCIATES
3236 BETHANY LANE
ELLICOTT CITY, MD 21043
PHONE NO. 410/465-7777

FOOTINGS	FOUNDATION	S. WALLS
Concrete	Concrete	Frame

CONTRACTOR'S NAME AND ADDRESS
BAGLANT HOMES INC.
4714 LINTHICUM ROAD
DAYTON, MD 21036-1002
PHONE NO. 410/531-6474

UTILITIES				
WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT
				AC

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permit twenty-four hours in advance when I am ready for the inspection called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

EXISTING USE: Building Lot
PROPOSED USE: SINGLE FAMILY DWELLING

EST. CONSTRUCTION COST: 229,500
LICENSE NUMBER
PERMIT FEE

SIGNATURE: PRESIDENT
DATE: 1-19-95

FOR OFFICE USE ONLY

DISTRICT IN FEET FROM R/W LINE TO FRONT BUILDING LINE: 1/230
SIDE YARD: 1/50
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)
TO SIDE BUILDING LINE: 1/405
DISTANCE IN FEET, REAR YD. REQUIRING SET
BACK: (CORNER LOT ONLY)
SDP #

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING	X	
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL	X	
WATER & SEWER		
HEALTH DEPT.	1/22/93	B. J. Hodger
FIRE PROTECTION		
STORM WATER MGMT.		

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION
This permit application may be void if a permit placard has been issued
in error. The job is a violation of the law.
If a permit application must be applied for two weeks
before the start of work.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

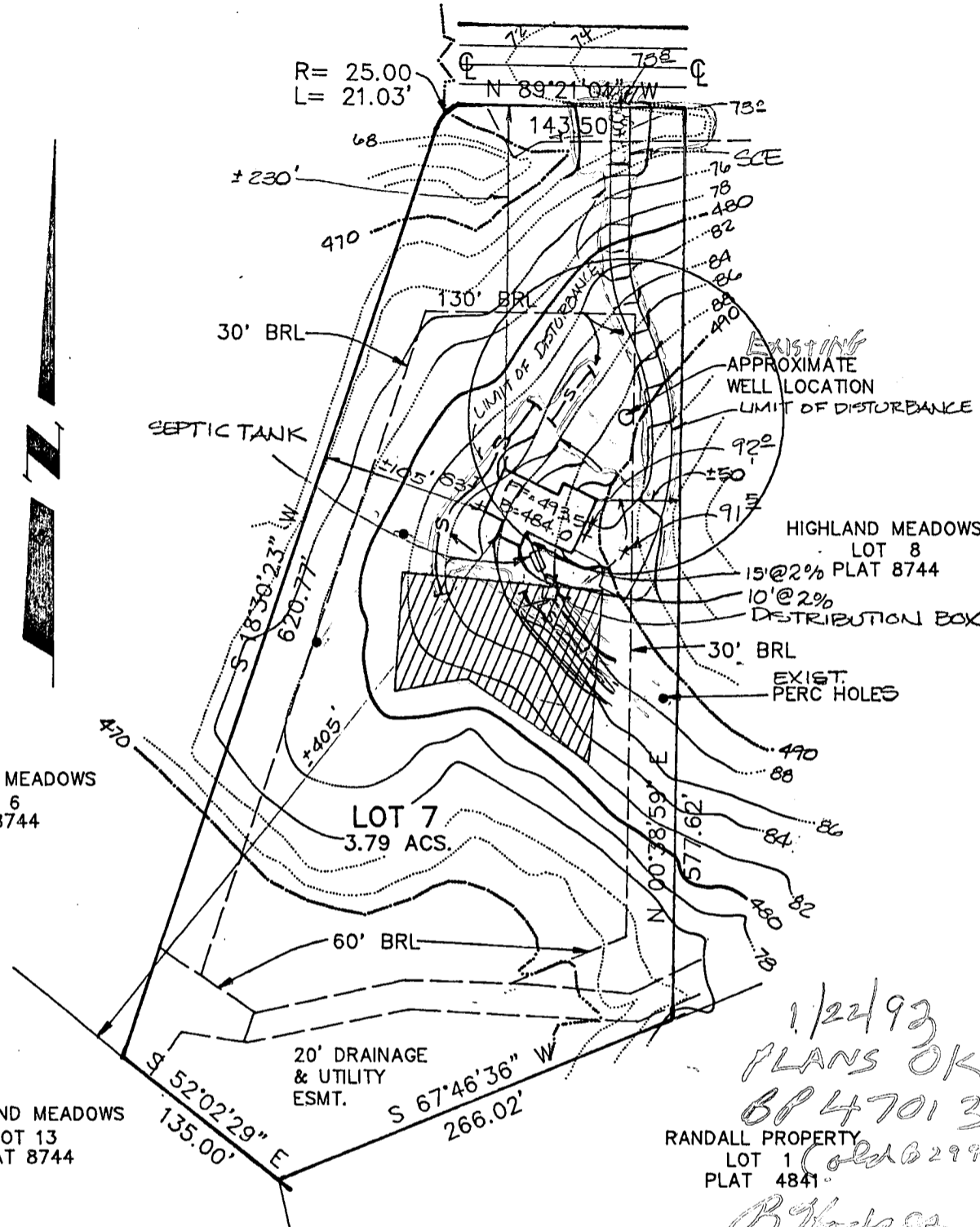
APPROVED DATE

LP-60-591
Distribution of Copies:
White - Building Official
Green - Planning & Zoning
Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

LONG LEAF DRIVE

50' R.O.W. - PVMT. 24'
HOWARD COUNTY PUBLIC ROAD

R = 25.00'
L = 21.03'



HIGHLAND MEADOWS
LOT 6
PLAT 8744

LOT 7
3.79 ACS.

HIGHLAND MEADOWS
LOT 13
PLAT 8744

EXISTING
APPROXIMATE
WELL LOCATION
LIMIT OF DISTURBANCE

HIGHLAND MEADOWS
LOT 8

15' @ 2% PLAT 8744
10' @ 2%
DISTRIBUTION BOX

30' BRL
EXIST.
PERC HOLES

20' DRAINAGE
& UTILITY
ESMT.

1/22/93
PLANS OK
BP 47013
RANDALL PROPERTY
LOT 1 (old 029935)
PLAT 4841

B. Hodges

GENERAL NOTES:

1. BOUNDARY BASED ON PLAT 8744 HIGHLAND MEADOWS.
2. TOPOGRAPHY BASED ON HOWARD COUNTY AERIAL PHOTOGRAMMETRIC MAPS.
3. TRENCH LENGTH AND LOCATION TO BE DETERMINED BY HEALTH DEPT. IN THE FIELD AT TIME OF PERMIT ISSUANCE.
4. TRENCHES TO RUN PARALLEL TO CONTOURS (TO THE REAR OF THE SITE)
5. SITE AREA: 3.79 ACS.
6. TAX MAP # 34 PARCEL 169
7. CONTRACTOR TO SET GRADES IN THE FIELD.
8. ELEVATIONS:

HOUSE: FF= 493.50
BSMT= 484.00
INV. IN= 484.8
MIN. C= 486.8

DISTRIBUTION BOX:

TOP= 487.5
INV IN= 484.5
INV OUT= 484.0

SEPTIC TANK: 1250 GAL.

TOP= 487.0
INV IN= 484.5
INV OUT= 484.0

TITLE: HIGHLAND MEADOWS			
PROJECT: GRADING STUDY			
LOCATION: 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND			
SCALE: 1"=100'	DESIGNED BY: LJG	DRAWN BY: LJG	CHECKED BY: MML
DATE: ***			
FIELD BOOK: ***	PAGE No.:	JOB No.:	DRAWING No.:
***	***	93003	1 OF 1

Boender
Associates

INCORPORATED
ENGINEERS • PLANNERS • SURVEYORS

3230 BETHANY LANE
ELLICOTT CITY, MD. 21043
(301) 465-7777 FAX: (301) 465-7966

A 37070

SUBDIVISION: HIGHLAND MEADOWS

LOT NUMBER: 7

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
<u>4 bedroom</u>	<u>1250 gallon</u>	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

SHALLOW TRENCHES

180 sq. ft./bedroom

Trench to be 3 wide.

Inlet 3 1/2 feet below original grade.

Bottom maximum depth 5 1/2 feet below original grade.

Effective area begins at 3 1/2 feet below original grade.

2 feet of stone below distribution pipe.

60 LINEAR FT / BEDROOM
240 LINEAR FT
PER 4 BEDROOMS

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: 10/5/89 - PLACE THE DISTRIBUTION BOX 300 FT FROM THE FRONT LINE & 90 FT THE LEFT SIDE OF THE LOT AS SEEN WHEN FACING THE LOT FROM LONG LEAF COURT. RUN THE TRENCHES TOWARD THE REAR (Rhodes)

APPLICATION

PERCOLATION TESTING

A 3770

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

*5/5/87
sewer OK'd pending
approved plan
(initials)*

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 Margaret and Marty Williams
Brighton Dam Limited Partnership Highland Meadows Estate Ltd. Part.
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: LOT 7 on prelim

SUBDIVISION Highland Meadows LOT NO. 1

ROAD AND DESCRIPTION Highland Road at Brighton Dam Road 13333 LONG LEAF DR

TAX MAP 34 PARCEL # 169

BLDG. PERMIT SIGNED
AND RETURNED 10/5/89
sewer # 29985-SFD

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 6/5/86 - PERC OK Hold for Plans B/H
2/18/88 Limited house & well site at best

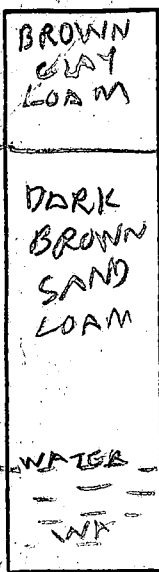
BLDG. PERMIT SIGNED
AND RETURNED 1/22/93
sewer # 47015 SFD - album

THIS IS NOT A PERMIT

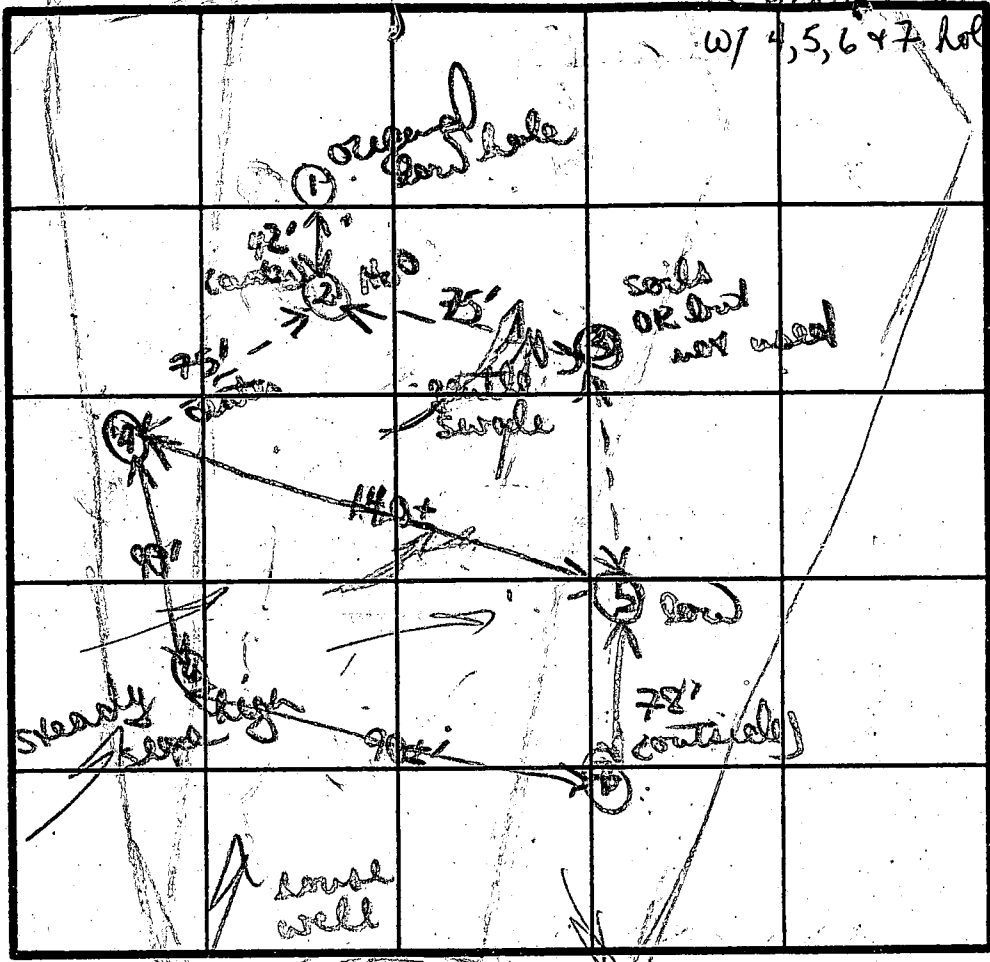
SHALLOW SYSTEM ONLY

INLET 3 1/2
MAX D 5 1/2

SOIL PROFILE



2/18/88
Pore to be used on hole
IS GENERALLY
w/ 4, 5, 6 & 7 holes.



⑤ ③
brown/orange chunky clay w/ small frags 2 1/2-3 1/2
to orange/grey powdery silty loam
11 1/2' D 12 1/2'
⑦
orange/yellow clay silty mix 3 1/2'
to tan/grey orange silty loam w/ 10-15% layered red

②
brown/orange heavy clay + gravel 3 1/2'
to grey tan to darker
brown/orange silty clay damp loam
H2O 9' 4"

③
powdery brown to tan silty clay 3'
to grey tan silty mix loam

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

COURT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/5/86	14	12 1/2	H2O	10' D			
5/5/86	②	H2O 9' 4"	not used				1-2' elevation difference
	③	soils good	3' down NOT TESTED				DUE TO location
	④	4' 5"	316	317	317	319	2 MIN
		8' 11"	316	319	319	322	3 MIN
		13 1/2' D	bottom (see profile)				
	⑤	3'	329	338	338	356	18 MIN
		12' D	bottom (see profile)				bottom slightly deeper
	⑥	3' 5"	325	326	326	328	2 MIN
		11 1/2' D	bottom (see profile)				

REMARKS: 6/5/86 Retest W. st season
TYPE OF SOIL: brown/orange silty clays & tan grey silty loams
TESTED BY: B. Hodger / B. Neff
ALSO PRESENT: Redd Evans of Paul Arnold

APPLICATION

PERCOLATION TESTING

A _____

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. 11 *on prelim*

ROAD AND DESCRIPTION Highland Road at Brighton Dam Road

TAX MAP 34 PARCEL # 169

SIZE OF LOT 3 AC + TYPE BLDG. SED
(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 6/5/86 Per OK Hold for Plan 1977

THIS IS NOT A PERMIT

APPLICATION

PERCOLATION TESTING

A _____

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION LONG LEAF DR

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG _____
(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 _____

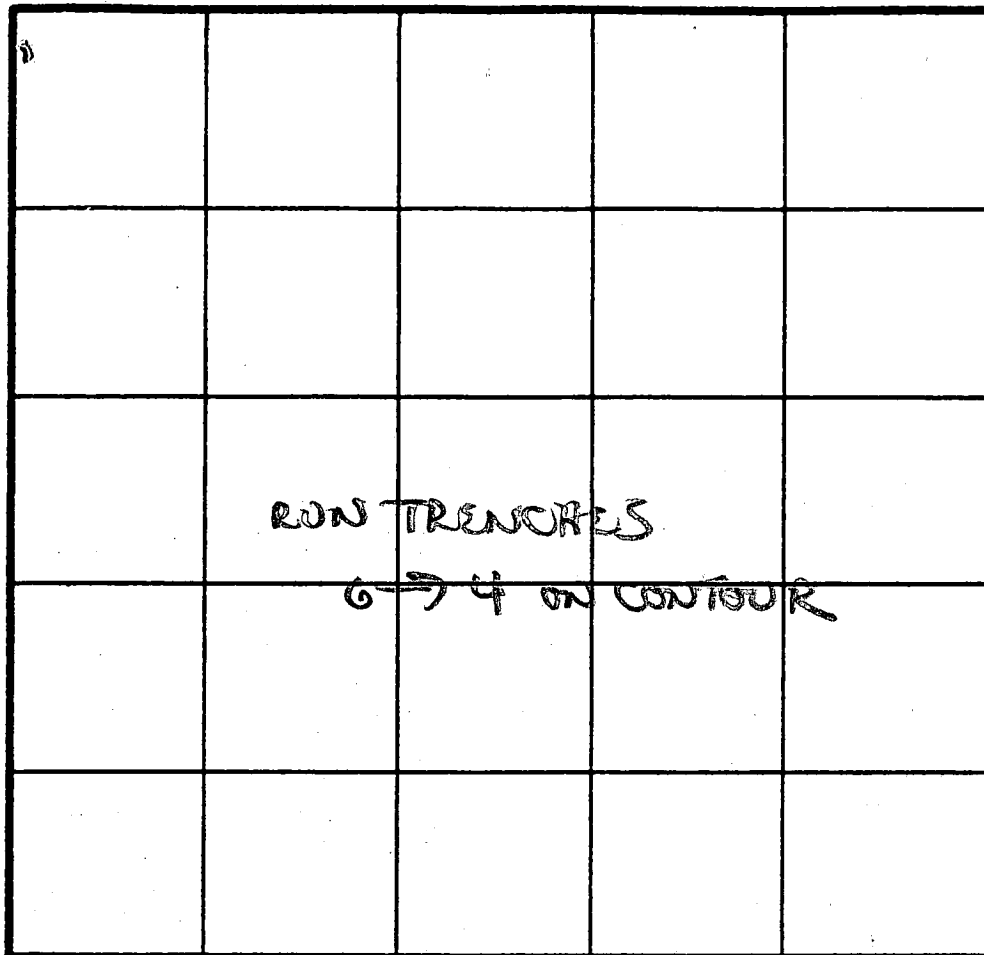
HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

0'

see sheet #1



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

INLET 3 1/2

MAX 5 1/2

180 #/BEDROOM

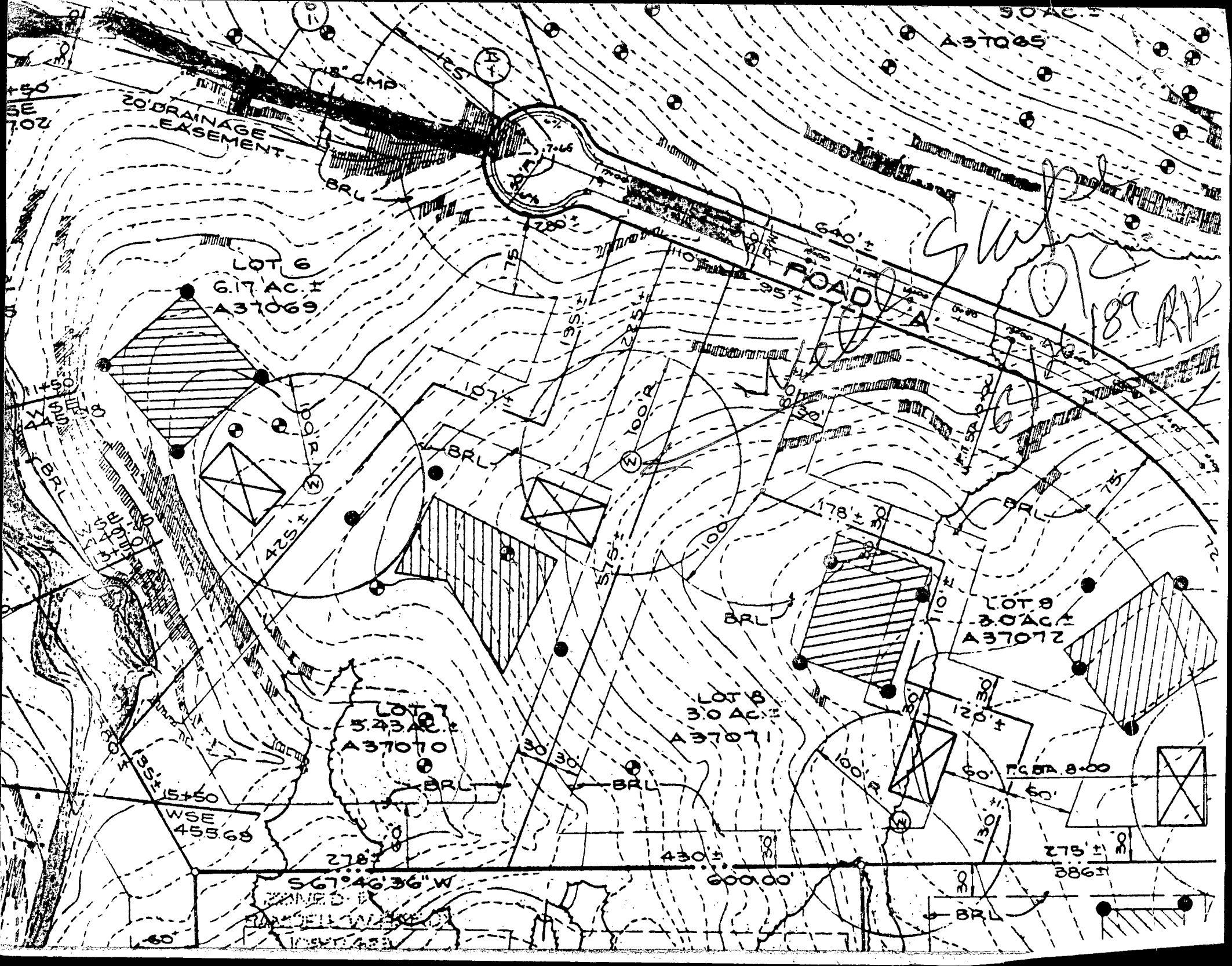
X = 5 1/2 + MIN

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/5/87	7	4'5"	327	328	328	330	2 MIN	
		10' D	batts (see profile)					

REMARKS SHALLOW SYSTEM PREFERRED DUE TO ROCK
IN hole 7

TYPE OF SOIL _____

TESTED BY B Nyman ALSO PRESENT Rocky J. Allen



7/11/89 at 7:00 a.m
6 hrs

Page _____ of _____
Date _____

Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0824
 Location of property (road) ~~_____~~ LONG LEAF DR
 Subdivision HIGHLAND MEADOWS Lot 7 Block _____ Plat _____ Sec. _____
 Well Driller G.F. EASTER DAY Owner KERWIN HOMES INC

Depth of well 400'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 32'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 12 GPM
 Total time 30 min to reach pumping water level 180 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
12:15	184'	43 sec	—	1.4 GPM
2:30	183'	43 sec		1.4 GPM
PUMP SET AT 350'				
7/11/89 SOME MINOR CLOUDINESS CHEM H-1935 TAKEN AT 2:15 PM				

B 1 **9147** SEQUENCE NO. (DP USE ONLY)
 2 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

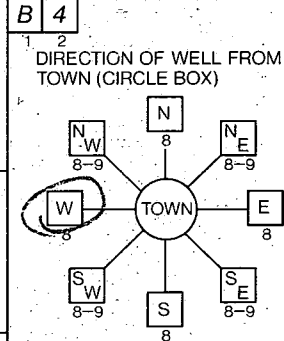
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
H0-88-0824
 70 fill in this form completely 79

Date Received (APA) **05/08/89**
 OWNER INFORMATION
KERWIN HOMES, INC
 15 Last Name 13 Owner 34 First Name
24624 FREDERICK RD
 36 Street or RFD 55
CLARKSBURG MD 20871
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL **W-44203**
 1 **HOWARD** 2
 8 COUNTY 21
HIGHLAND MEADOWS 23 SUBDIVISION 42
 SECTION **1** 44 46 LOT **7** 48 50
CLARKSVILLE 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **2** 73 MI 76 77 78

DRILLER INFORMATION
George F. Easterday 40
 Driller's Name 77 License No. 80
L. Franklin Easterday, Inc.
 Firm Name
9285 Brown Church Rd., MT. Airy, Md. 21771
 Address
George F. Easterday 5/4/89
 Signature Date



~~BRIGHTON DAM RD~~
 11 NEAR WHAT ROAD 30
LONG LEAF DR
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH
 WEST EAST
 SOUTH
 34 **200** 37 DISTANCE FROM ROAD
 ENTER FT OR MI **FT** 38 39

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 12 14 20

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 A37070
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S
 DATE ISSUED **01/05/89** **Chris W. Quinn** 1/5/90
 43 CO SIGNATURE 48 EXP. DATE
 NORTH GRID **498000** 50 55 EAST GRID **0808000** 57 63

APPROXIMATE DEPTH OF WELL **206** 24 FEET 28

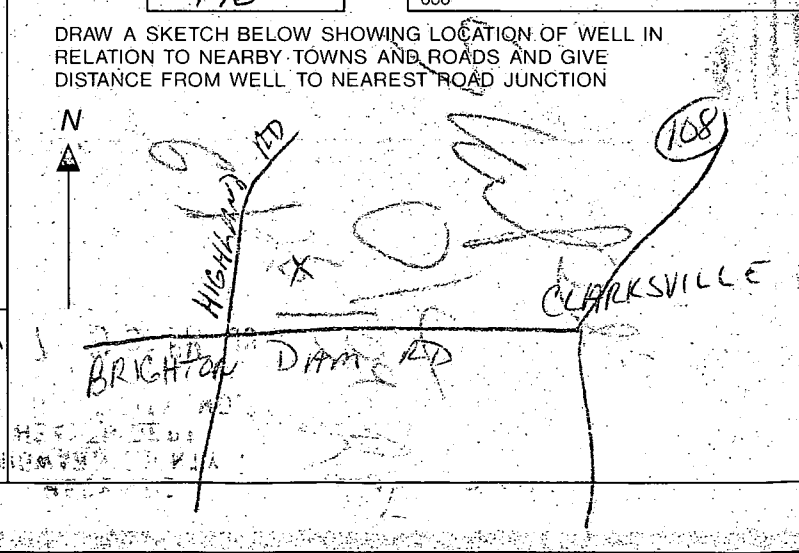
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY 37 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

 7/8/89
GROUTED
PER DRILLER
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 DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____ 41 52



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ 54 63
 FORCE **CW** WRITE INITIALS IN BOX 67 68 PERMIT No. **H0-88-0824** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS