

HOUSE IS
10' CLOSER
TO NARROW
LEAF CT.

TAG VERIFIED
IN FIELD 11-15-95
WRONG #

HIGHLAND RD

INDICATE NORTH - NAME ADJOINING ROADWAYS AS BASELINE

SEPTIC TANK LEVEL OK, 36" DEEP CLEANOUTS one on s.t., two in line
 DISTRIBUTION BOX LEVEL -(2) OK
 DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4.5 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT. 6' 6' 6' 6'
 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: 11/7/95 I DISCUSSED TRENCH LAYOUT W/ PAUL DIAMOND, TWO 70' TRENCHES AT HIGHEST POINT OF SPA FOLLOWED BY TWO 50' TRENCHES. 11/8/95 TWO 120' TRENCHES TO BE DIVIDED INTO 4 60' TRENCHES WHEN BOSTON MISTAKEN CONTRACTOR STARTED 1ST TRENCH AT FRONT HIGH POINT OF SPA, 30' SHORT IN REAR - REAR OF SPA HAS A SLIGHT RISE - TRENCH LOCATION THERE APPROPRIATE. LOT IS HEAVILY WOODED, OK TO JUMP TRENCHES.

11/9/95 OK to cover from s.t. to d.b.'s and trenches. DKS

DATE SYSTEM APPROVED 11/13/95 INSPECTOR DOUGLAS
11/13/95 A.M. Not ready for final. DAS
11/13/95 P.M. FINAL - OK to cover all work. DKS

APPLICATION

PERCOLATION TESTING

A 37078

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 Corporation
101 Chestnut St. STE 125
ADDRESS Gaithersburg, MD 20877 PHONE 301-948-2918

PROPERTY LOCATION:
SUBDIVISION Highland Meadows LOT NO. 19
ROAD AND DESCRIPTION Highland Road at Brighton Dam Road NARROW LEAF CT
LOT 14 PRSLIM
LOT 14 on FINAL
LOT 15 on Final

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 6/4/86 - PERC OK Hold for next

THIS IS NOT A PERMIT

SOIL PROFILE

0'

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

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.

Brighton Dam Limited Partnership

PROPERTY OWNER _____
6228 Clearwood Road
ADDRESS _____ Bethesda, MD 20817 _____ PHONE _____ 301-229-8838

PROSPECTIVE BUYER _____
Celta Corporation
101 Chestnut ST. STE 125
ADDRESS _____ Gaithersburg, MD 20877 _____ PHONE _____ 301-948-2918

PROPERTY LOCATION:

SUBDIVISION _____ Highland Meadows _____ LOT NO. _____ 19

ROAD AND DESCRIPTION _____ ~~Highland Road at Brighton Dam Road~~ NARROW LEAF CT _____

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 _____

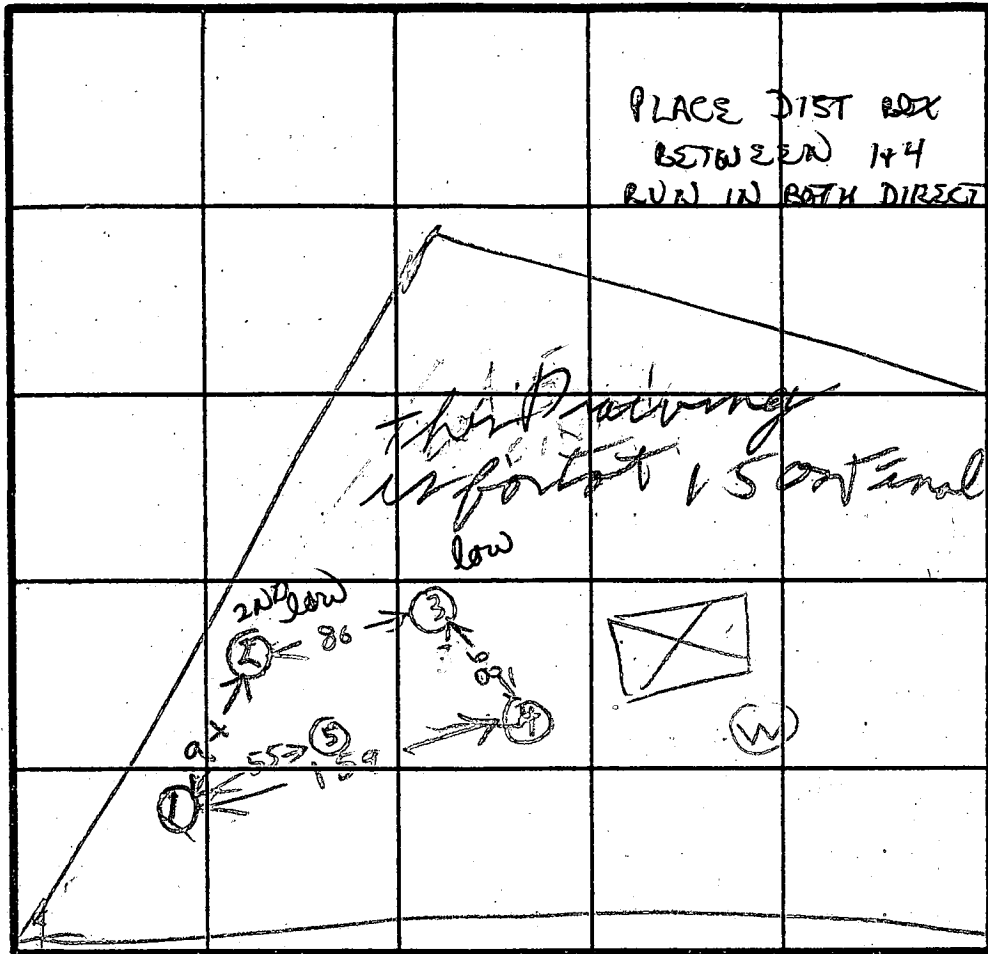
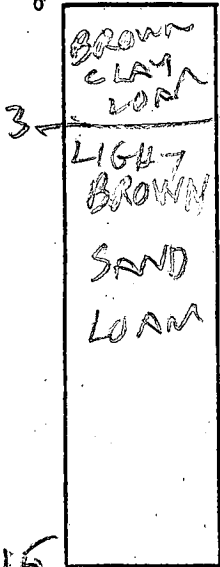
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

6/14

(1/3)
SOIL PROFILE



PLACE DIST BOX BETWEEN 144 RUN IN BOTH DIRECTIONS

X Recd 4 min
Inlet 3 1/2
Bottom 6 1/2
10



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HIGHLAND RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/4/66	1S	5	248	249	249	255	6
	2V	14.5	LOOKS OK				
	2S	6.5	250	256	256	303	7
	2D	10.5	250	252	252	254	2
	2V	14.5	LOOKS OK				
	3S	4	309	312	312	317	3
	3D	10	209	209	312	315	3
	3V	15	LOOKS OK				
	4S	6	310	311	317	313	2
	4D	10	321	222	222	325	3
	4V	14.5	LOOKS OK				
	5V	14	LOOKS OK				

HOLE GLEV
(1/3) HIGH
(2/3) LOW

(5)
BROWN CLAY
LIGHT BROWN SAND LOAM

REMARKS: Holes dug per survey or stake except Hole (5)

TYPE OF SOIL

TESTED BY: R. HODGES & B. NIXON

ALSO PRESENT: P. A. ARNOLD MAN

B 1 9142

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

40-88-0659 fill in this form completely

Date Received (APA)

050889

OWNER INFORMATION

KERWIN HOMES INC

24024 FREDERICK RD

CLARKSBURG MD 20871

B 3

LOCATION OF WELL

HOWARD

HIGHLAND MEADOWS

SECTION LOT 14

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION

George F. Easterday

40

Driller's Name License No. 80

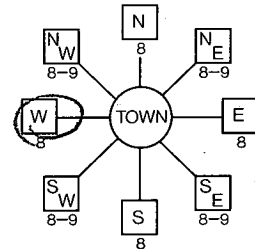
L. Franklin Easterday, Inc.

9265 Brown Church Rd., Mt. Airy, Md. 21771

Signature: George F. Easterday Date: 5/14/89

B 4

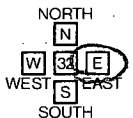
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



HIGHLAND RD NEAR WHAT ROAD

NARROW LEAF CT.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



175 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 A 37078 COUNTY NAME COUNTY NO.

DATE ISSUED 053189 Mark E. Palkin 11/30/89

NORTH GRID 498000 EAST GRID 0805000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered) Jetted Jetted & Driven
AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROtary Drive-POINT

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 deepen an existing well

Not to be filled in by driller (DP USE ONLY)

APPROP. PERMIT NUMBER: 11711 GAP

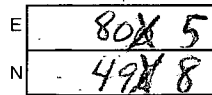
FORCE MR PERMIT NO. 40-88-0659

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

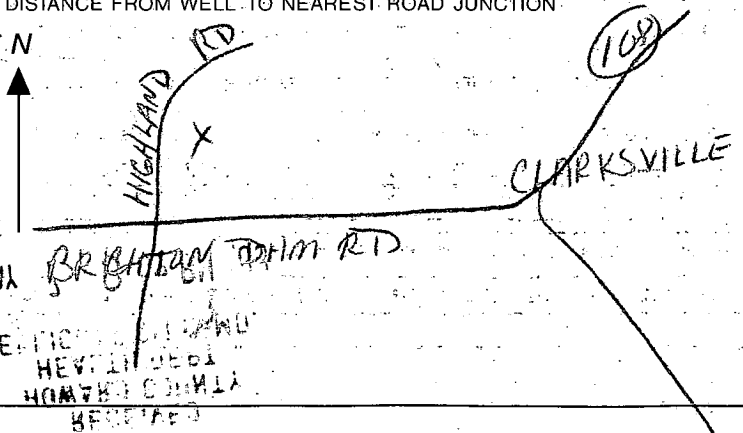
SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



*stopped moves
stopped because
of trees
supplied
by
RFA*

INGRESS & EGRESS RESTRICTED
HIGHLAND
(80' R/W)

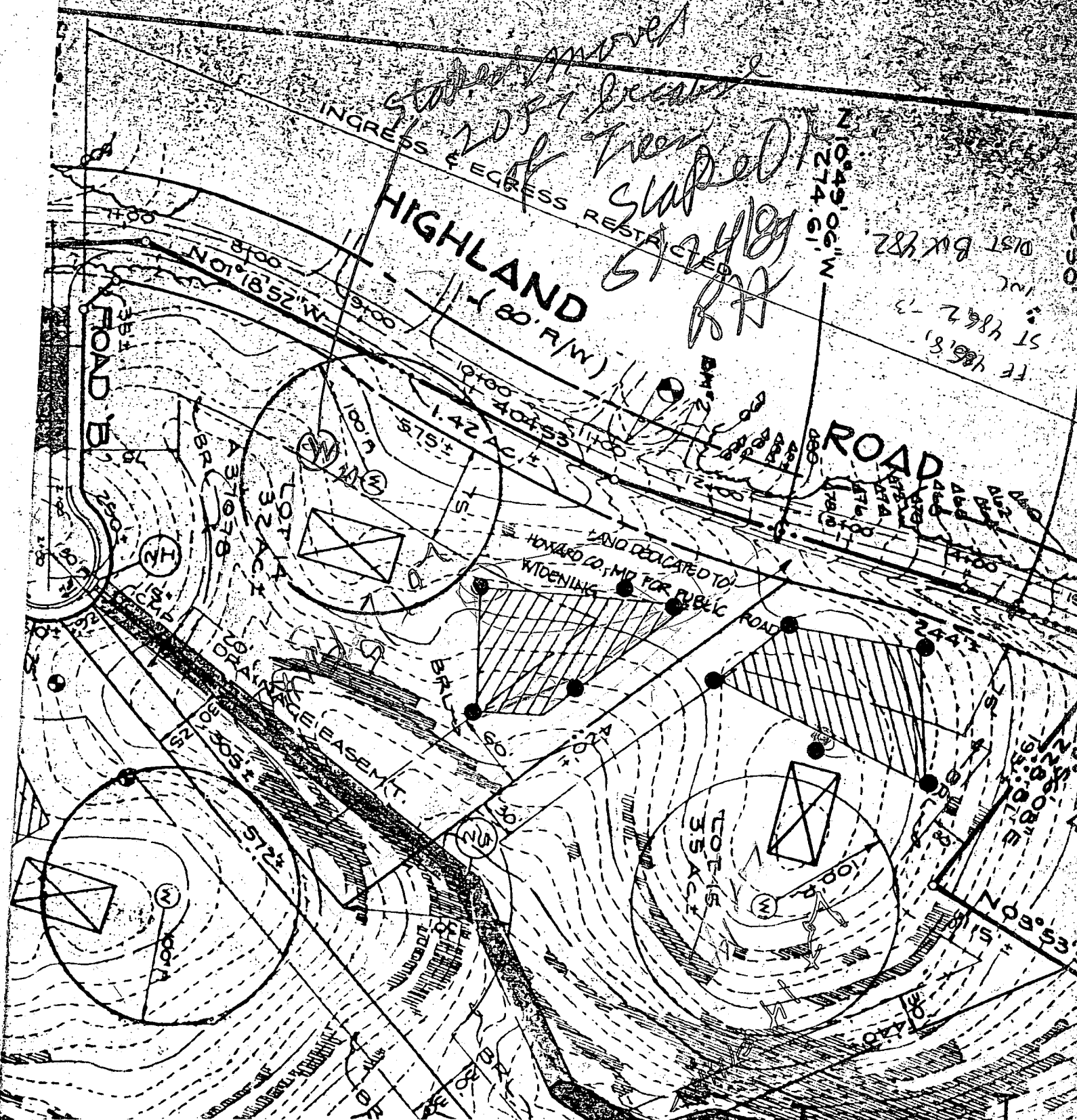
N 10° 49' 06" W
274.61'

FE 486.81
ST 486.2
DIST BK 482

ROAD 'B'

ROAD

LAND DEDICATED TO
WIDENING



C1 2456

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 AB 7078

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 070889

22 26 100 100 (TO NEAREST FOOT)

28 37 40-82-0159

OWNER KERWIN HOMES

STREET OR RFD HIGHLAND RD first name TOWN CLARKSVILLE

SUBDIVISION HIGHLAND ROAD SECTION 1 LOT 14

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, Clay, Shale, Soft Brown Mica, Green Mica, Brown Mica, Green Mica, Brown Mica, Grey Mica, Brown Mica, Grey Mica, Brown Mica, Grey Mica, Brown Mica.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 13 NO. OF POUNDS 100 GALLONS OF WATER 65 DEPTH OF GROUT SEAL (to nearest foot) from 1 ft. to 4 ft.

CASING RECORD

MAIN CASING Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) TYPE (ST, PL, HO, BR, HO, PL, OT) OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (insert appropriate code below) (ST, BR, HO, PL, OT) DEPTH (nearest ft.) (H, O, 4, 2, 1, 6, 0)

SLOT SIZE

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY

(NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

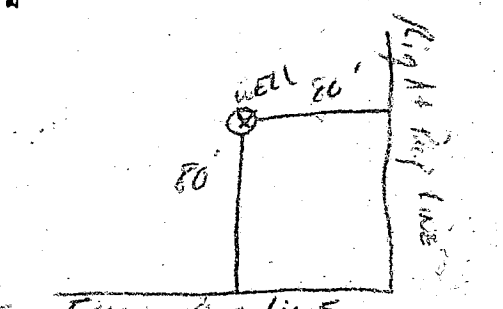
PUMPING TEST

HOURS PUMPED (nearest hour) 2 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 31 WHEN PUMPING 29 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

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)

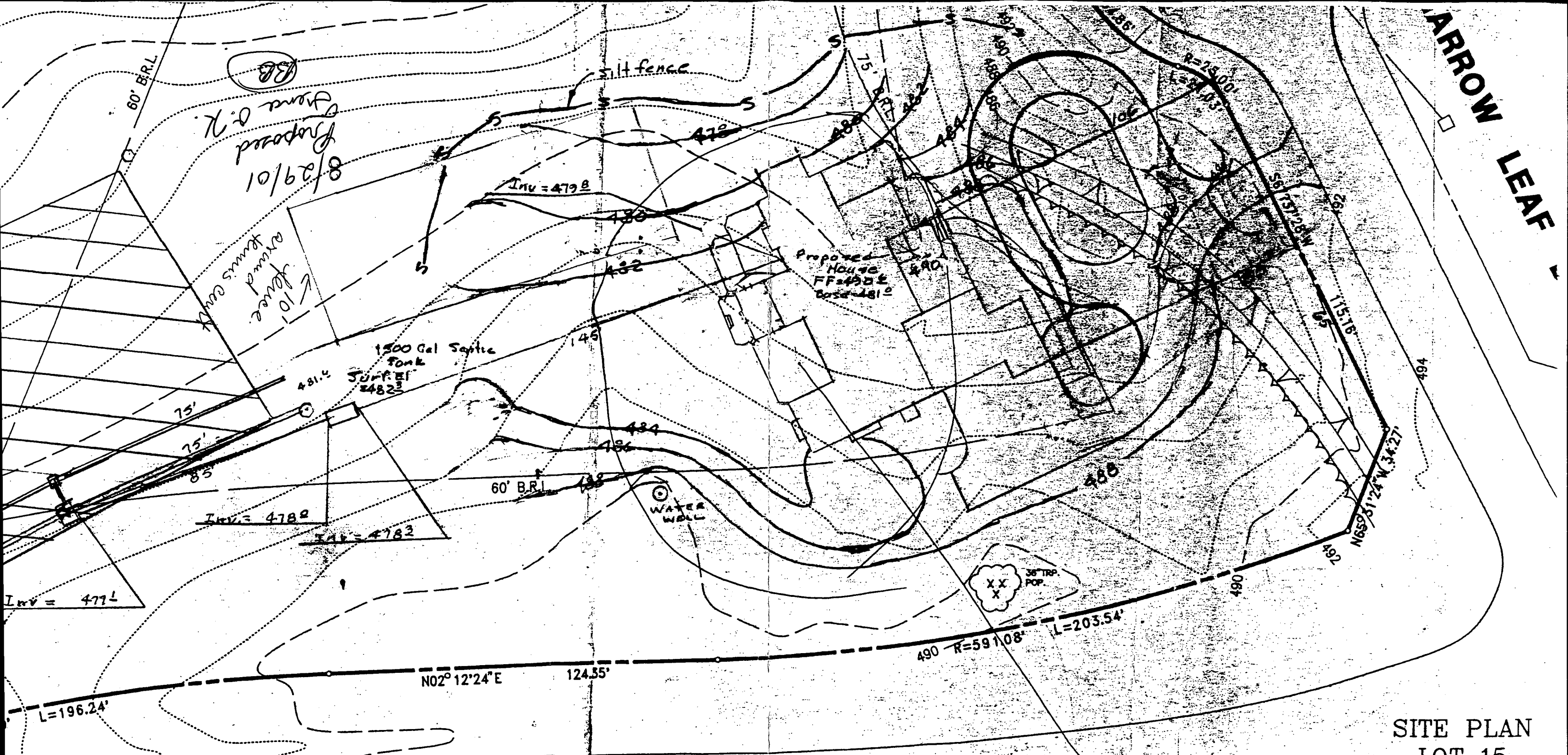


CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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

COUNTY



HIGHLAND RD.

**SITE PLAN
LOT 15**

**HIGHLAND MEAD
SECTION ONE**

Election District No
Howard County, Mary

SCALE : 1" = 30' OCT.
REV. June

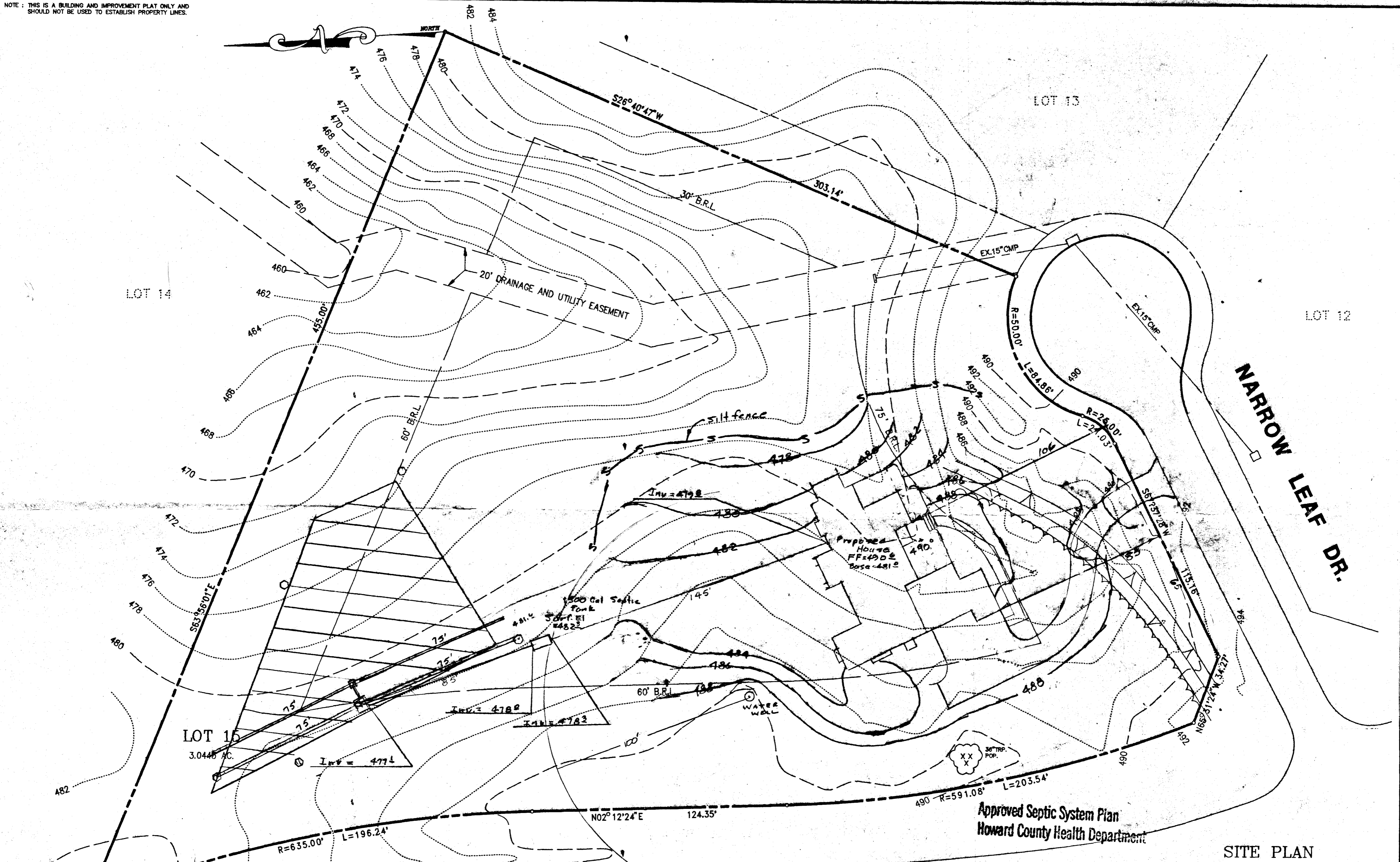
PREPARED BY:
THE J.E. CLARK COMP.
LAND SURVEYING AND ENGINEERING

P.O. BOX 147 LAUREL, MARYLAND 20725

Note: Septic trenches are to be 6 1/2 ft deep
with invert of pipe 4 1/2 ft from the surface,
and the bottom 3 ft filled with 2" Stone.

DECK

NOTE: THIS IS A BUILDING AND IMPROVEMENT PLAN ONLY AND SHOULD NOT BE USED TO ESTABLISH PROPERTY LINES.



SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE TOPOGRAPHY SHOWN HEREON WAS TAKEN BY A TRANSIT ROD SURVEY AND IS CORRECT FOR THIS SITE.

Jack E. Clark
 JACK E. CLARK
 LAND SURVEYOR
 1-4-94
 247 4378

HIGHLAND RD.

Note: Septic trenches are to be 6 1/2 ft deep with invert of pipe 4 1/2 ft from the surface.

Amy McMullen
 Signature
 11/9/95
 Date

BP57860

Approved Septic System Plan
 Howard County Health Department

SITE PLAN
 LOT 15

HIGHLAND MEADOWS

SECTION ONE

Election District No. 5
 Howard County, Maryland

SCALE: 1" = 30' OCT. 1994

PREPARED BY:

THE J.E. CLARK COMPANY
 LAND SURVEYING AND ENGINEERING

P.O. BOX 147 LAUREL, MARYLAND 20725
 (301) 725 3442

940903-2