

05-411657

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48715

A 37060

DISTRICT 5th

DATE 11/30/92

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~313-2640~~ 313-2640

DATE SYSTEM APPROVED 12/7/92

INSPECTOR R. Priddy

Global Excavating and Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS 11801 Sunbonnet Lane, Monrovia, Maryland 21770 PHONE 301-831-3711

SUBDIVISION Highland Meadows LOT 1 ROAD 13300 Long Leaf Drive

PROPERTY OWNER ~~Highland Meadows Estates Ltd. Partnership~~

ADDRESS William J. Boltz

SEPTIC TANK CAPACITY 1500 ~~1250~~ GALLONS

NUMBER OF BEDROOMS 5 - increase @ owner's request

180 SQUARE FEET PER BEDROOM

Addition - Deck
BLDG. PERMIT SIGNED
AND RETURNED 5-23-96
Serial # B00100061

LINEAR FEET OF TRENCH REQUIRED 240/300ft

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

LOCATION - Place the distribution box 170 feet from the front lot line and 150 feet from the left lot line as seen when facing the lot from Brighton Dam Road. Run the trenches toward both the front line and the rear 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 140 CT 92 RII

PLANS APPROVED BY Raymond Hodges DATE 5/16/89

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

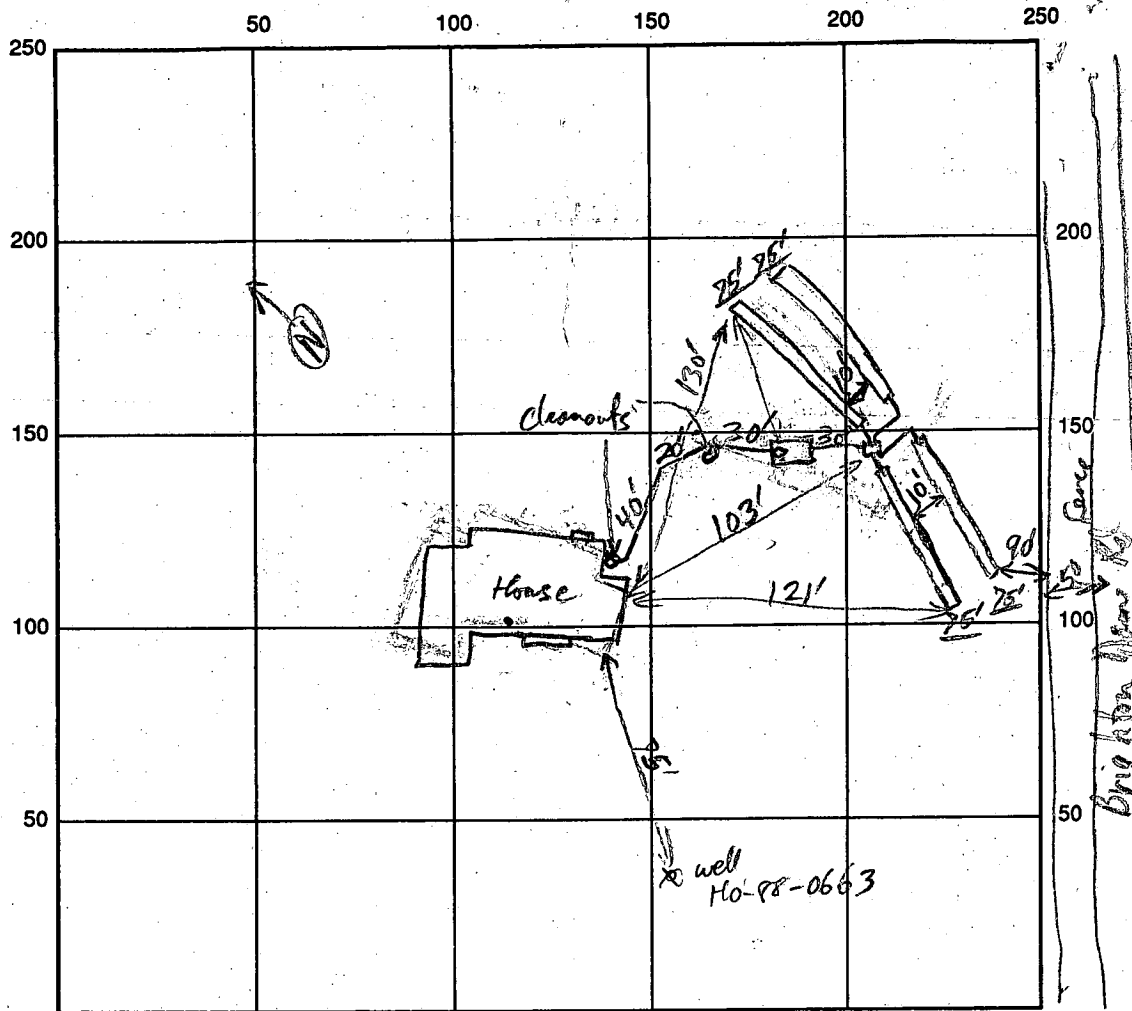
PERMIT VOID AFTER TWO YEARS

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

Addition - Pool
BLDG. PERMIT SIGNED
AND RETURNED 5-15-96
Serial # 65209

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



SEPTIC TANK LEVEL 1500 gal CLEANOUTS 3

DISTRIBUTION BOX LEVEL Level

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 300 FT. (75' each)

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

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: ST In 1st Trench dug + gravel filled ok. Begin 2nd trench + laying sch 40 pipe OK to cover supply pipe to S.T. Today. Plans to work on rest Saturday + call Monday for final Insp. R.P. OK to cover 12/17/92 R.P.

Note System was installed to accommodate 5 Bedrooms

DATE SYSTEM APPROVED 12/17/92 INSPECTOR R.P. Miller

S20°04'20"E 400.18'

WILLIAM J. BOETTNER
13300 LONGLEAF DR.
CLARKSVILLE, MD.
21027

LOT 1

POOL 685±
18x36

FENCES 246
L.F.T.

House

First Floor 530.87
Basement 521.58
Invert Out 517.30

Septic Tank

Exist. Grade 515.7
Prop. Grade 516.0
Invert In 515.18
Invert Out 512.93

Distribution Box

Exist. Grade 515.5
Prop. Grade 515.5
Invert In 512.5
Invert Out 512.9

Note: The length of the trenches is to be determined by the Health Department

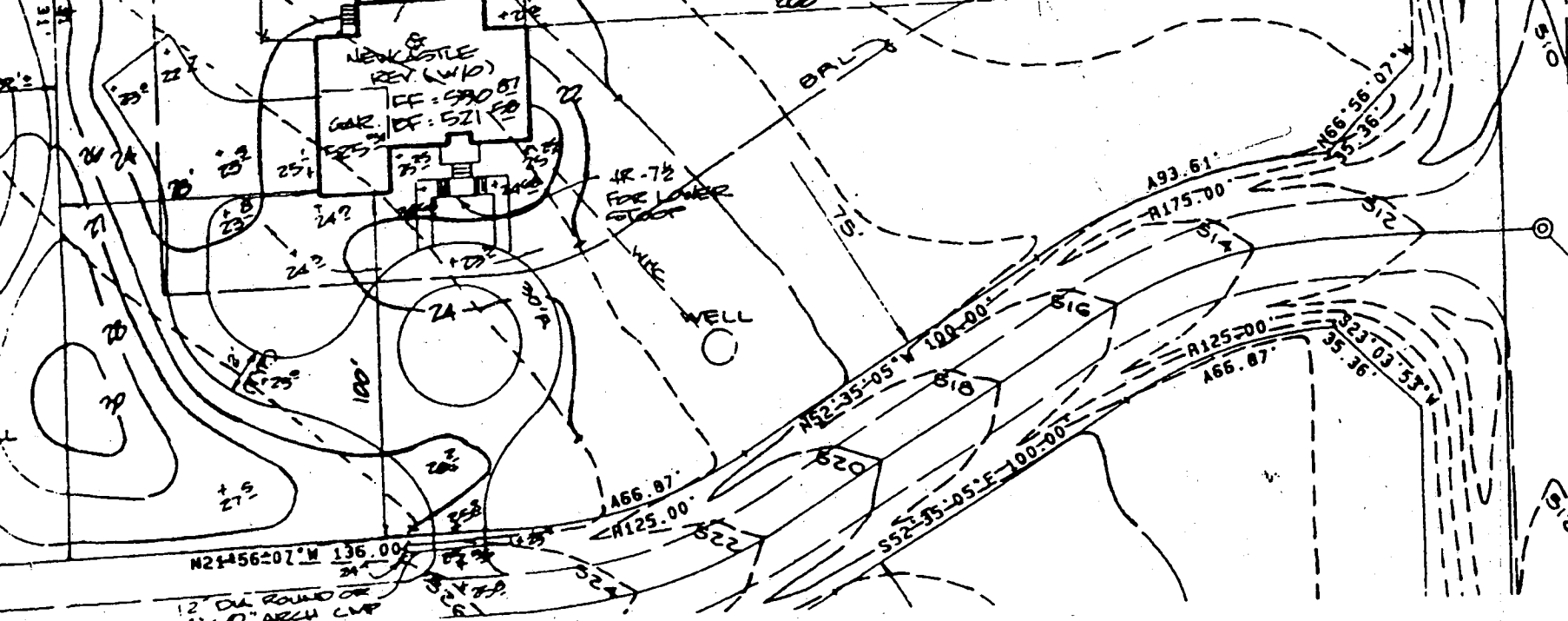
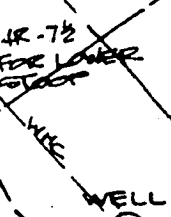
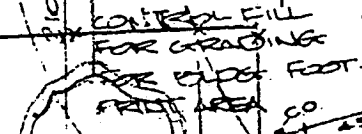
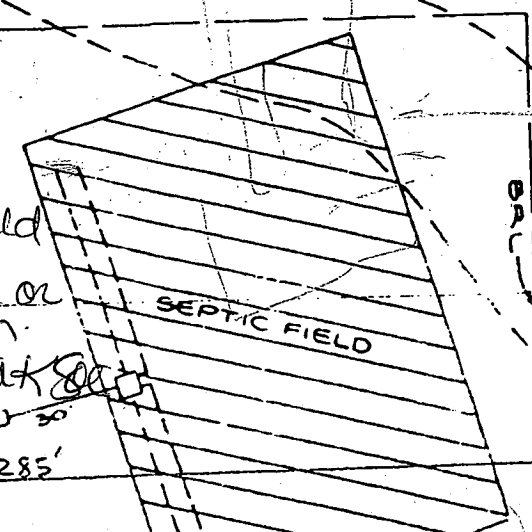
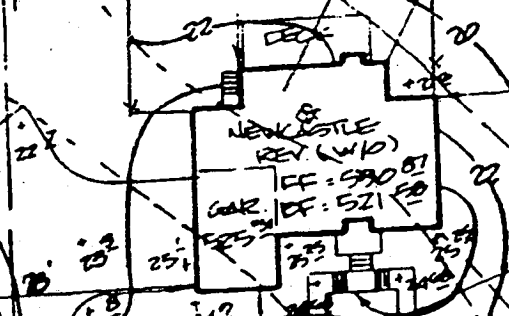
5/15/96
Proposed addition as shown should not impact existing well or septic system.

Donat & Co.

1:50

Terms of Contract

988.03.53 N. 384.7 E.
118.88 03.53 E. 369.31



C1 2445 SEQUENCE NO. (DENY USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.
COUNTY NUMBER 37060

DATE Received
8 13

DATE WELL COMPLETED
15 20 070619

Depth of Well
22 300 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-88-0663
28 29 30 31 32 33 34 35 36 37

OWNER KFRWIN HUNTER INC
STREET OR RFD BRIGHTON DRUM RD first name TOWN CLARKSVILLE
SUBDIVISION HIGHLAND MEADOWS SECTION LOT 1

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
<u>SAND</u>	<u>0</u>	<u>1</u>	
<u>CLAY</u>	<u>1</u>	<u>2</u>	
<u>SHALE</u>	<u>2</u>	<u>300</u>	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 13 NO. OF POUNDS 130
GALLONS OF WATER 65
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 27 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER
MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 300

OTHER CASING (if used)
EACH CASING diameter inch depth (feet) from to

SCREEN RECORD
screen type or open hole insert appropriate code below
ST BR HO
STEEL BRASS OPEN HOLE
PL OT
PLASTIC OTHER

DEPTH (nearest ft.)
EACH SCREEN
1 10 29 300
2
3
SLOT SIZE 1 2 3
DIAMETER OF SCREEN 56 (NEAREST INCH) 60

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

C 3
PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 10
METHOD USED TO MEASURE PUMPING RATE Recd +
WATER LEVEL (distance from land surface) BEFORE PUMPING 31
WHEN PUMPING 9
TYPE OF PUMP USED (for test)
A air P piston T turbine
C centrifugal R rotary O other (describe below)
J jet S submersible

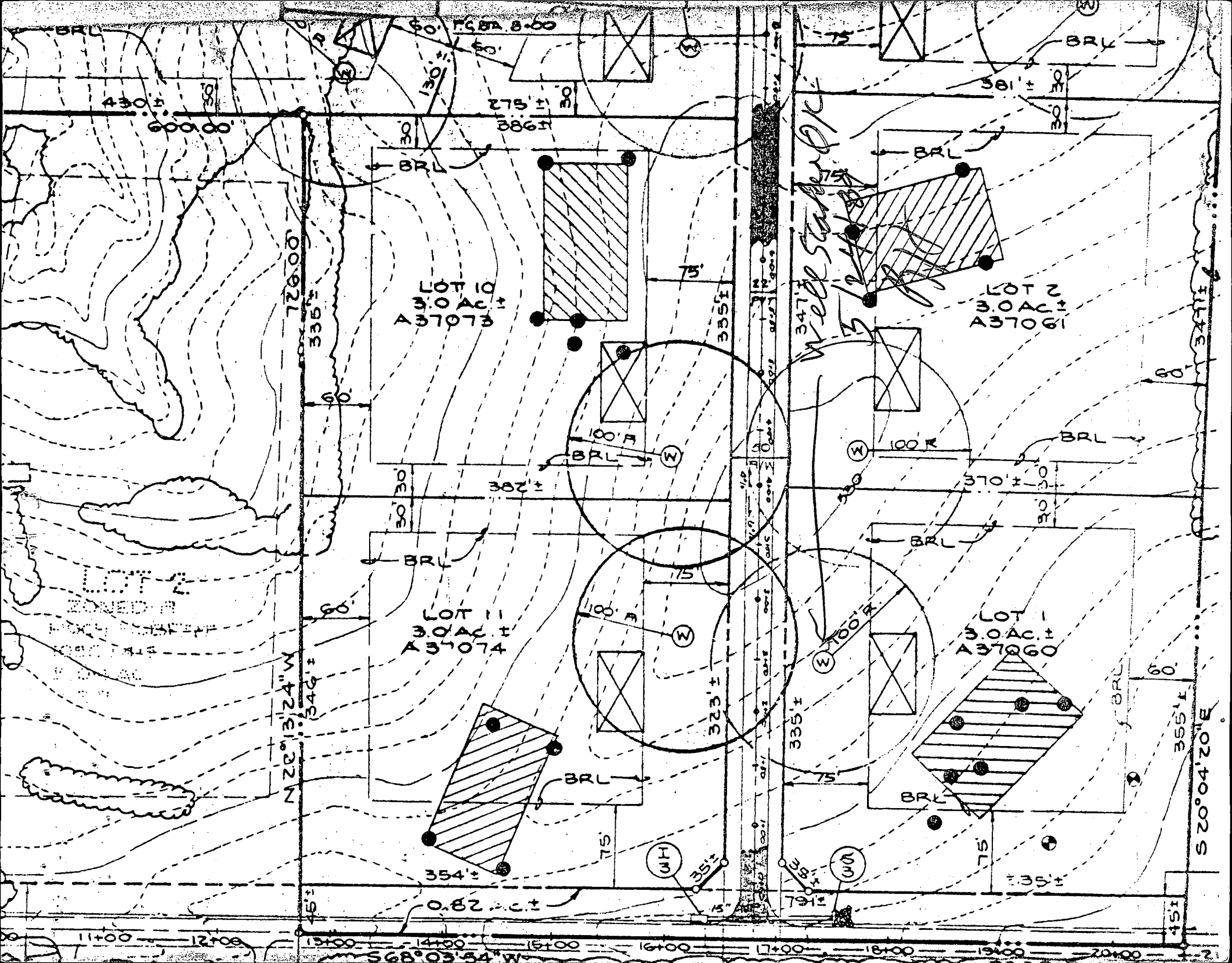
PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 29
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER 37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

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 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)



LOT 10
3.0 AC ±
A37073

LOT 2
3.0 AC ±
A37061

LOT 11
3.0 AC ±
A37074

LOT 1
3.0 AC ±
A37060

Well Study OK

N 22° 13' 24" W

S 20° 04' 20" E

0.82 AC ±

354' ±

75'

35' ±

323' ±

335' ±

35' ±

75'

45' ±

359' ±

60'

30' ±

370' ±

330'

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B 1 9154

SEQUENCE NO. (DP-USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-88-0663

fill in this form completely

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

please print or type

Date Received (APA)

050889

OWNER INFORMATION

KERUIM HOMES INC

24024 FREDERICK RD

CLARKSBURG MD 20871

B 3

LOCATION OF WELL

R-44197 40.00 5/10/89

HOWARD

HIGHLAND MEADOWS

SECTION LOT 1

CLARKSVILLE

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

DRILLER INFORMATION

George F. Easterday

40

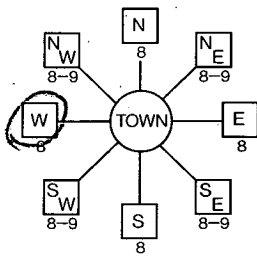
L. Franklin Easterday, Inc.

9205 Brown Church Rd., Mt. Airy, Md. 21771

Signature: George F. Easterday Date: 5/4/89

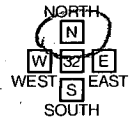
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD

Long Leaf Dr



50 DISTANCE FROM ROAD

ENTER FT OR MI FT

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

A37060

COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED INSERT S

060189 Mark E. Rifein 12/1/89

NORTH GRID 498000 EAST GRID 0805000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

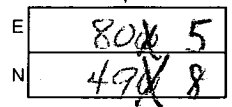
- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

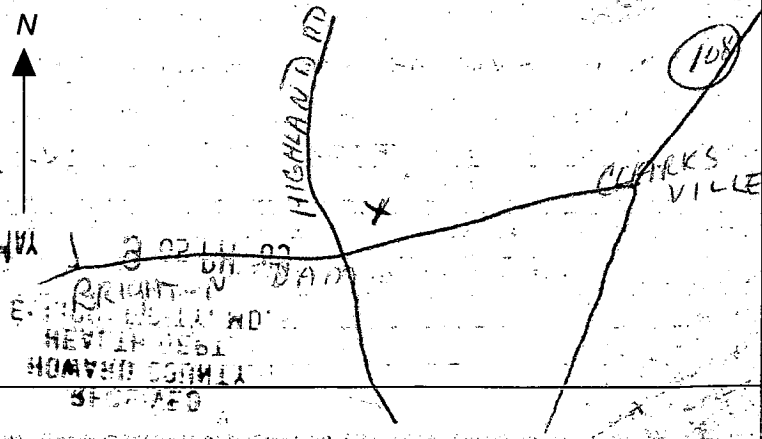
SOURCES OF DRILLING WATER

- 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



REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

APPROX. PERMIT NUMBER GAP

FORCE MR PERMIT No. 40-88-0663

SPECIAL CONDITIONS

12/9/92 AM

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 X
Replacement _____

Receipt # _____
Date _____

Name of Installer R.E. Willard

Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner _____ Telephone _____
Subdivision Highland Meadows Lot # 1 Well Tag # HD-88-0663
Site Address 13300 Longleaf Drive

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
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	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____

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).

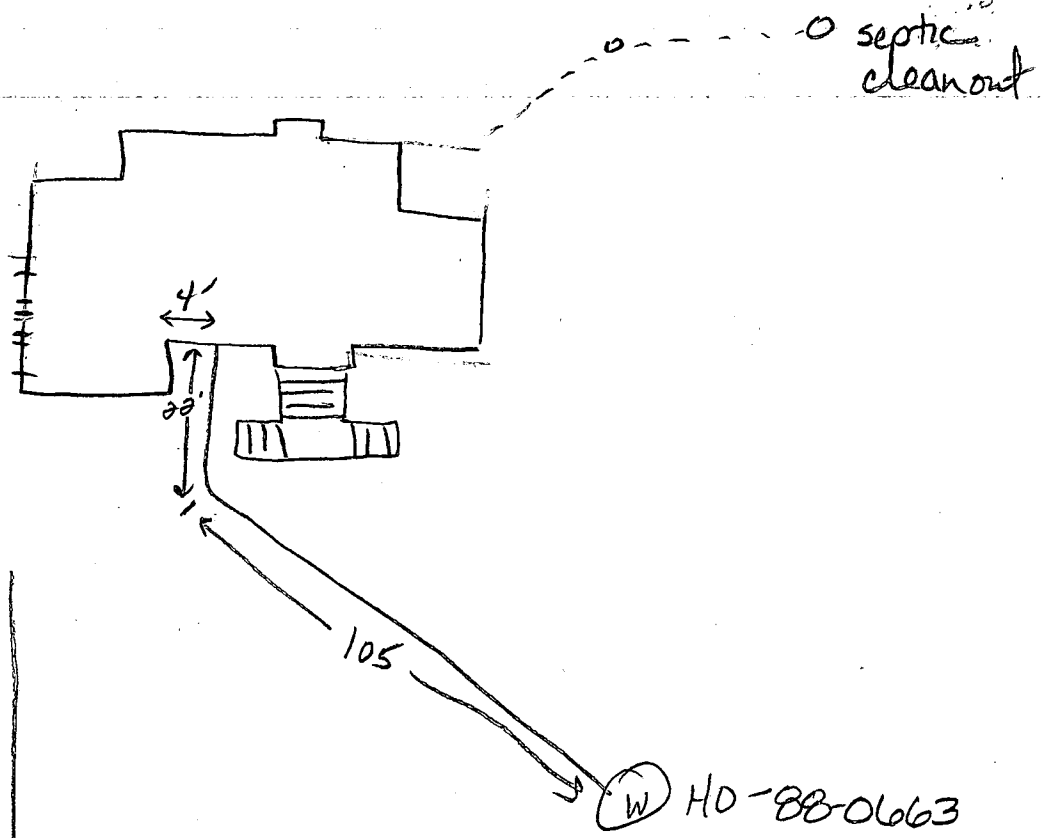
All information given above is true to the best of my knowledge.

Pitless adaptor at 48 inches below grade. Well line at 48 inches below grade. No ground line. House connection ok.
Signature of Applicant: _____ Date: _____

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

No pump tank installed, E. Nadeau 12-9-92 Left sticker
HD-215 (see back of page)

43
24
172
86
103
324
29
26



Longleaf Drive

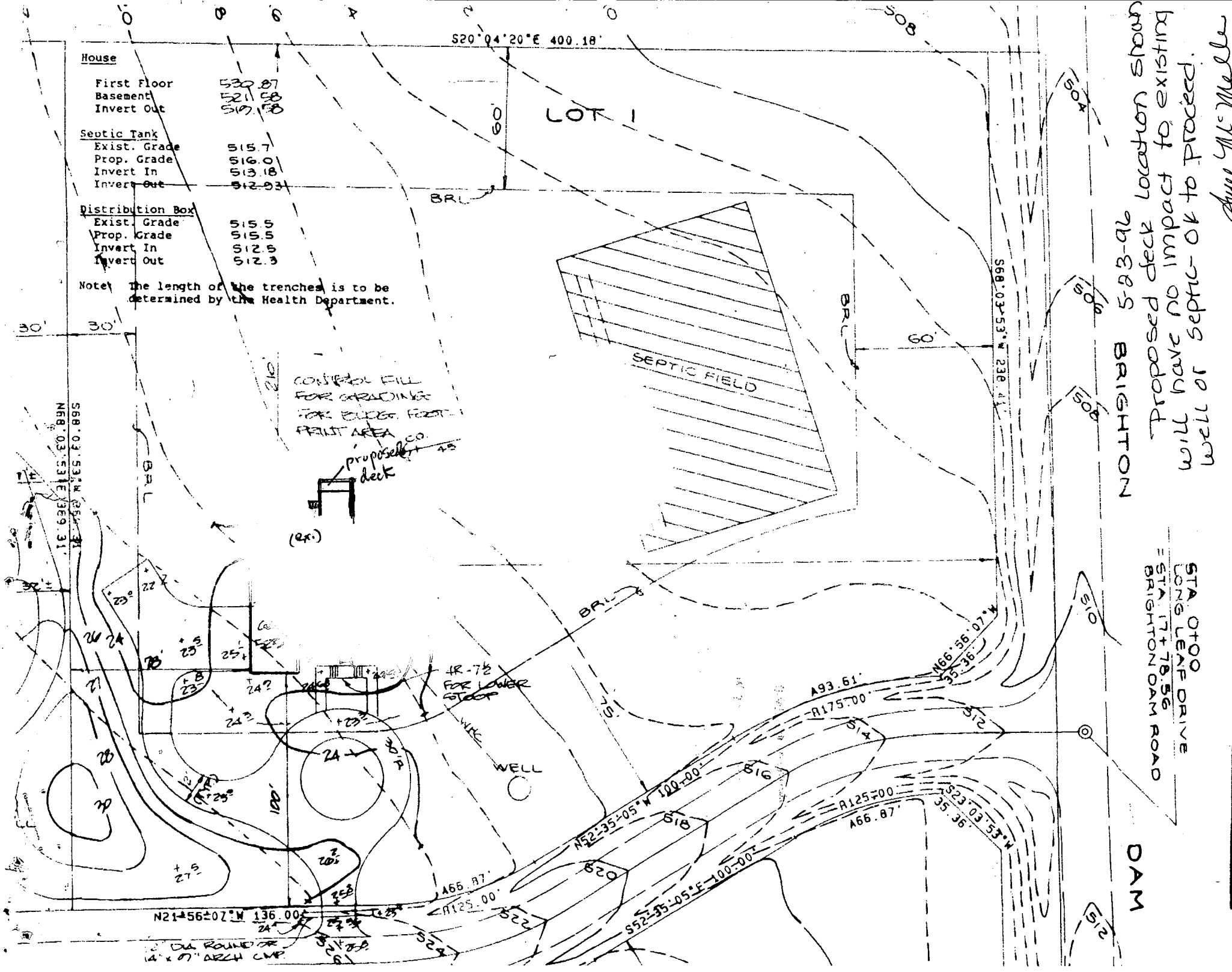
Brighton Dam Rd

House	
First Floor	530.87
Basement	521.58
Invert Out	519.50

Septic Tank	
Exist. Grade	515.7
Prop. Grade	516.0
Invert In	513.18
Invert Out	512.93

Distribution Box	
Exist. Grade	515.5
Prop. Grade	515.5
Invert In	512.5
Invert Out	512.3

Note: The length of the trenches is to be determined by the Health Department.



583-96
BRIGHTON
Proposed deck location shown
will have no impact to existing
well or septic-OK to proceed.
Ariel M. Miller

STA. 0+00
LONG LEAF DRIVE
= STA. 17+78.56
BRIGHTON DAM ROAD
DAM

S20°04'20"E 400.18'

LOT 1

House
First Floor
Basement
Invert Out

530.87
521.58
519.58

Septic Tank

Exist. Grade
Prop. Grade
Invert In
Invert Out

515.7
516.0
513.18
512.93

Distribution Box

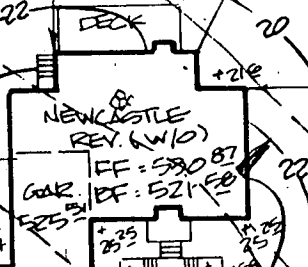
Exist. Grade
Prop. Grade
Invert In
Invert Out

515.5
515.5
512.5
512.3

Note: The length of the trenches is to be determined by the Health Department.

CONTROL FILL
FOR GRADING
FOR BLDG. FOOT-
PRINT AREA

SEPTIC FIELD



House

First Floor	530.87
Basement	521.50
Invert Out	519.50

Septic Tank

Exist. Grade	515.7
Prop. Grade	516.0
Invert In	513.18
Invert Out	512.93

Distribution Box

Exist. Grade	515.5
Prop. Grade	515.5
Invert In	512.8
Invert Out	512.3

Note: The length of the trenches is to be determined by the Health Department.

*deck amendment
OK MR
2/18/93*

CONTROL FILL FOR GRADING FOR BLDG. FOOT-PRINT AREA

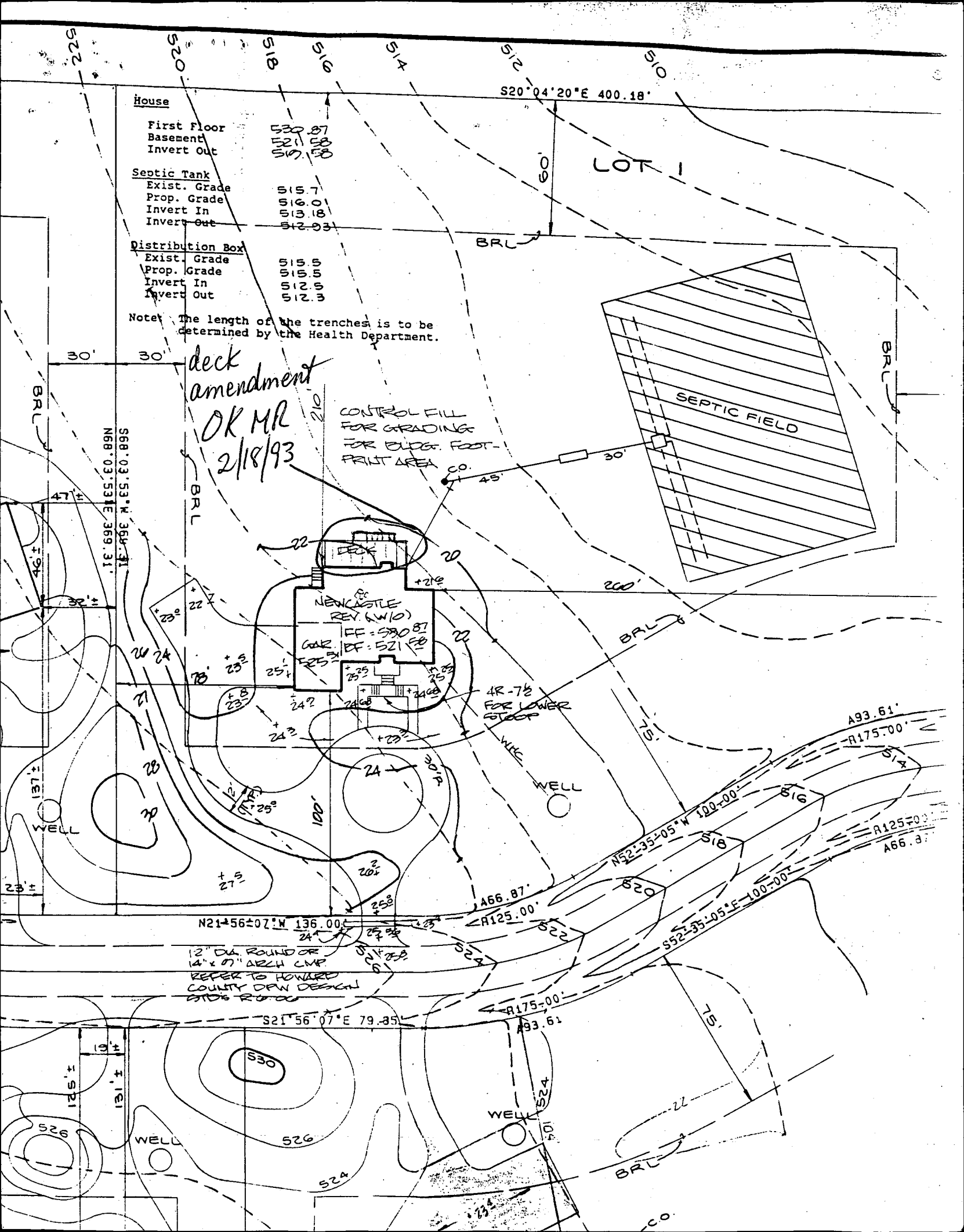
LOT 1

SEPTIC FIELD

NEWCASTLE REV. (W/10)
 FF = 530.87
 DF = 521.50

4R-7 1/2 FOR LOWER FLOOR

12" DIA. ROUND OR
 14" x 9" ARCH CMP.
 REFER TO HOWARD
 COUNTY DEP DESIGN
 STD'S R/O/D



APPLICATION

HOWARD COUNTY

PERMIT APPLICATION

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

SERIAL NUMBER

45540

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

1300 Longleaf Dr
Chicksville md. 21029

GRADING/SEDIMENT CONTROL YES NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

New Single Family Home
with attached 3 car garage.

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
1	169	1				
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
Huntbark Meadows		R	34	5	6051	

OWNER NAME AND ADDRESS PHONE NO.
 Highland Meadows Estate Ltd. P.O. Box 11
 2029 Frederick Rd
 Chicksville Md. 20371 (301) 428-0800

OCCUPANT'S NAME AND ADDRESS PHONE NO.
 William Boettner
 1449 Settlers Landing Way
 Gaithersburg Md. 20878 (301) 277-0650

ARCHITECT OR ENGINEER'S NAME AND ADDRESS PHONE NO.
 Dabors and Davis
 804 W. Diamond Ave.
 Gaithersburg Md. (301) 948-3300

CONTRACTOR'S NAME AND ADDRESS PHONE NO.
 William Boettner
 1449 Settlers Landing Way
 Gaithersburg Md. 20878 (301) 277-0650

EXISTING USE PROPOSED USE
 Vacant Lot Single Family Home

EST. CONSTRUCTION COST LICENSE NUMBER PERMIT FEE
 \$200,000

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT	
TYPE OF BLDG.		AREA	VOLUME	ROOF
B. ROOMS				
ROOMS				
BATHS				
FIREPLACES				
FOOTINGS		FOUNDATION	S. WALLS	

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

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 Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

Signature: William Boettner
 Title: Contract Purchaser
 Date: 9/21/92

FOR OFFICE USE ONLY

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

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING	X	
SHA	X	
SEDIMENT/GRADING	X	
BUILDING OFFICIAL	X	
WATER & SEWER		
HEALTH DEPT.	X 9/25/92	J. Hodges
FIRE PROTECTION		
STORM WATER MGMT.		

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION
 To begin construction before a permit plan has been issued and displayed on the job, a violation of the law.
 Use and occupancy permit must be applied for 10 days before it can be issued.

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

APPROVED _____ DATE _____

LP-69-591
 Distribution of Copies:
 White - Building Official
 Green - Planning & Zoning
 Yellow - Engineering
 Pink - Health Dept.
 Gold - S.H.A.



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

Reply to: Charles Streaker
313-2640 or 313-2641

July 2, 1993

Mr. William Boettner
13300 Long Leaf Drive
Clarksville, Maryland 21029

RE: Lot 1, Highland Meadows S/D
13300 Long Leaf Drive
Well Permit #HO-88-0663

Dear Sir:

A review of our records indicates that final satisfactory water samples were not obtained at the above referenced property. You are requested to contact this office at 313--2640 to arrange for those samples to be taken. These samples are required in order to comply with Maryland Well Construction Regulation (COMAR 26.04.04.09A) (1) which states that: "A person may not put into service a well or water supply system that may be used for human consumption unless a Certificate-of-Potability has first been issued for the well by the approving authority..."

An Interim Certificate-of-Potability was issued based on one satisfactory water sample. The enclosed copy of that Interim Certificate stipulates that a second safe sample be obtained. The purpose of the second sample is to assure that the well is not vulnerable to re-contamination.

You are requested to call this office at 313-2640 to arrange an appointment for the second sample from an inside tap which is the most reliable location from which to obtain a safe sample.

Presently there is no charge for this service.

Very truly yours,

Charles B. Streaker, R.S.

Charles B. Streaker, R.S.
Water and Sewerage Program

CBS:hs

Department of Inspections, Licenses & Permits
3430 Court House Drive
Ellicott City, Maryland

February 8, 1993

Re: 13300 Long Leaf Drive
Clarksville, Maryland 21029
Permit # 45540

Dear Sirs,

Please amend my building permit to include a 36' x 12' deck as shown on the enclosed site plan.

If there are any questions, I can be reached at (301) 948-6400.

Sincerely,

William Boettner
William Boettner

OK MR 2/18/93

A 37060

SUBDIVISION: HIGHLAND MEADOWS

LOT NUMBER: 1

Long Leaf Dr. DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

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

60 LINEAR FT / BEDROOM

Inlet 3 feet below original grade.

240 Linear Feet

Bottom maximum depth 5 feet below original grade.

Effective area begins at 3 feet below original grade.

2 feet of stone below distribution pipe.

- 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: 5/16/89 - PLACE THE DISTRIBUTION BOX 170 FT FROM THE FRONT LOT LINE AND 150 FT FROM THE LEFT LOT LINE AS SEEN WHEN FACING THE LOT FROM BRIGHTON DAM RD. RUN THE TRENCHES TOWARD BOTH THE FRONT LINE AND THE REAR LINE R/H.

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

PROPERTY LOCATION:

SUBDIVISION Highland Meadows LOT NO. 1

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 [Signature] FOR _____ DATE _____

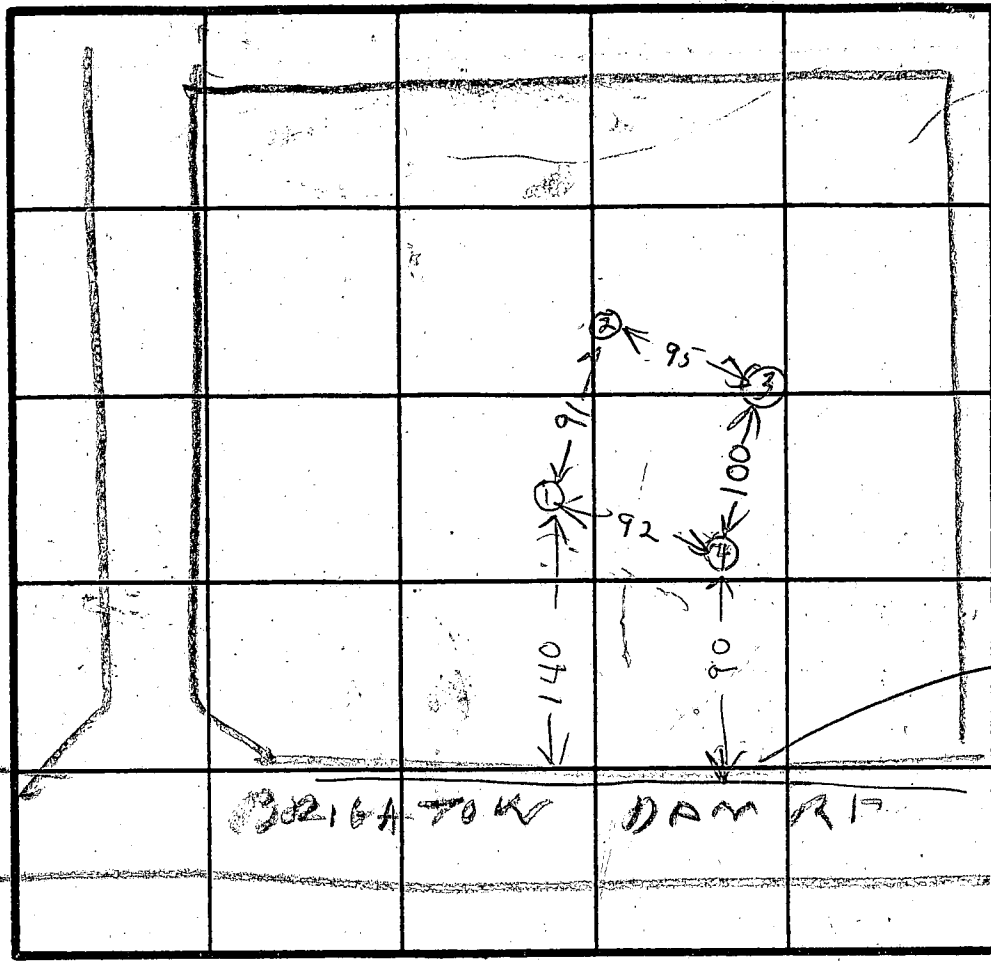
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Lot 1



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

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

(2)
 SOIL PROFILE

0
 BROWN CLAY
 3
 LIGHT BROWN SAND LOAM
 H

(3)
 BROWN CLAY LOAM
 3
 BROWN & GRAY SAND LOAM
 1
 WATER
 14

(4)

0
 BROWN CLAY LOAM
 3
 BROWN SAND LOAM
 H

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/2/86	11	10	1257	1258	1258	102	4	
	15	4.5	101	103	103	106		
6/2/86	14	14	LOOKS OK					
6/2/86	25	4	112	115	115	120	5	
	28	10.5	112	118	119	126	8	
	21	14	LOOKS OK					
	35	4	122	129	129	134	5	
	30	7	123	128	128	131	5	
	3V	14	UNDERGROUND WATER 1 1/2					
	45	4.5	139	141	141	144	3	
	48	9	139	142	142	144	2	
	4V	14	LOOKS OK					

REMARKS: Hole dug per survey on slope Retest Low
 Holes on wet season

TYPE OF SOIL
 TESTED BY: B. HODGES

ALSO PRESENT: BUD ARNOLD CO

EH-12-1079

Prelim
6-2-86
6-5-86

APPLICATION

PERCOLATION TESTING

A 37060

P _____

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

5/6/87
test OK'd pending
approved plan
(for)

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~~ Highland Meadows Estates Ltd. Part.
ADDRESS 6228 Clearwood Road
Bethesda, MD 20817 PHONE 301-229-8838

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

PROPERTY LOCATION: LOT 1 on Prelim Plan

SUBDIVISION Highland Meadows LOT NO. 1

ROAD AND DESCRIPTION ~~Highland Road at Brighton Dam Road~~ 13300 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 6/3/86 Hold for Wet Season R/R

BLDG. PERMIT SIGNED
AND RETURNED 7/30/87
Small # 28480
SFD - 4/5 Bedroom

THIS IS NOT A PERMIT

• = ORIGINAL TEST AREA

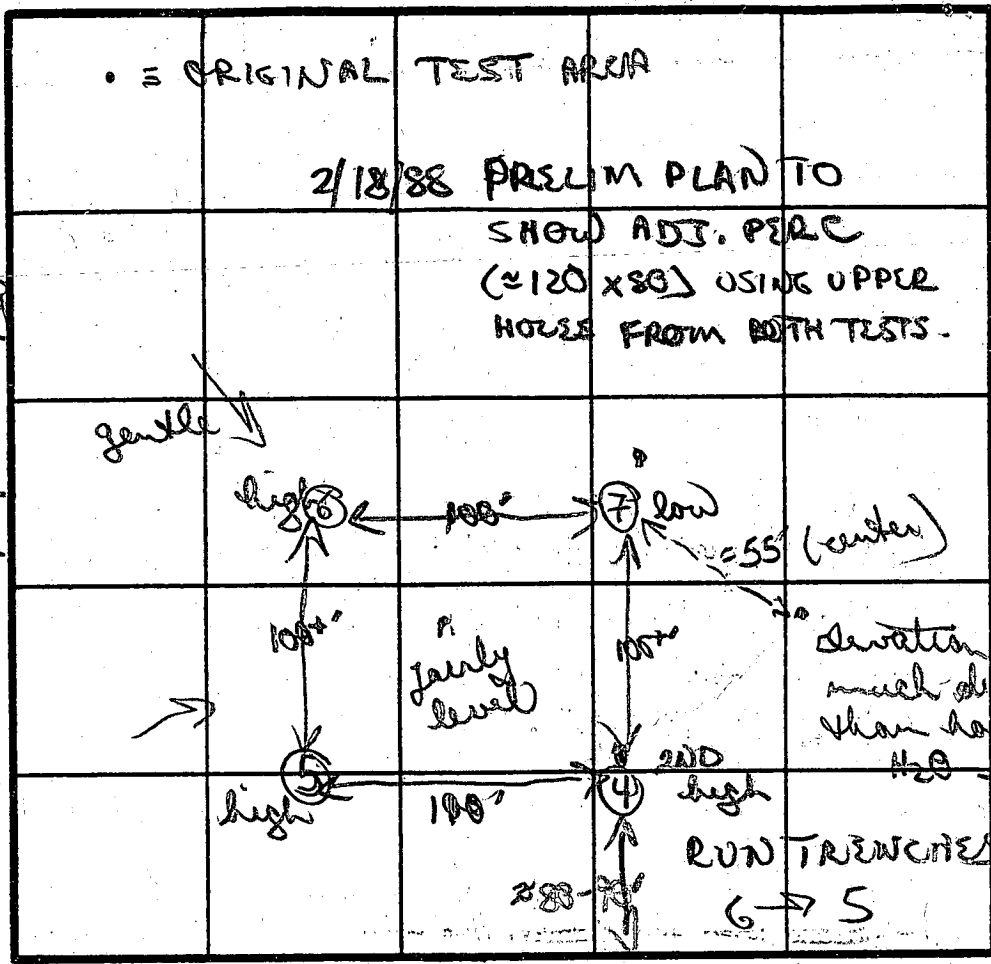
2/18/88 PRELIM PLAN TO

SHOW ADJ. PERC
(~120 X 80) USING UPPER
HOLES FROM BOTH TESTS.

orange/red
clay / clay
loam 3E
to brown
tan silty
mud loam
12' D

⑤
SOIL PROFILE

Red brown
chunky gritty
clay 3'
clay loam
4"
to light tan
silty mica
loam
13' D



deviation not
much different
than hole #7. This was
1/20 hole

1874/BD
INLET 3E
MAY 5E
X 5E

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

Similar to
hole #5
w/ good
soils starting
by 4'
13 1/2' D

⑦
brown red
clay silt
gravelly mix
3 1/2'
to tan / grey
silty mica
loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/6/87	5	4 1/2' S	1136	1148	1148	1202	14 MIN	
		8' M	1136	1139	1139	1142	3 MIN	
		13' D		both - (see profile)				
	RETEST 4	4' S	1142	1144	1144	1147	3 MIN	
		13 1/2' D		both (see profile)				
	7	4' S	1149	1149	1149	1151	2 MIN	
		14 1/2' D		both (see profile)				
	6	VISUAL ONLY	(GOOD SOILS BY 3 1/2')					
		12' D		both (see profile)				

NO 150
SEEN
OR

SHALLOW SYSTEM

REMARKS: fairly uniform red/orange clay/loam,
TYPE OF SOIL: B Wufan
TESTED BY: ALSO PRESENT:

to dark grey
slightly
13 1/2'
14 1/2'

