

Tax ID - 02 - 339935

10/6/93 PM  
10/9/93 PM  
10/7/93 2:00 PM

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49653

A 39755

DISTRICT \_\_\_\_\_

DATE 10/1/93

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

DATE SYSTEM APPROVED 10/8/93

### INDEXED

INSPECTOR ALM

J. Joseph Gartland

IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 1835 West Old Liberty Road, Westminster, Maryland PHONE 875-2400

SUBDIVISION Burleigh Manor LOT 704 ROAD 10307 Castlefield Street

PROPERTY OWNER Sandbari & Sethubai Baskaran

SAMBANDAM

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Beginning from the right front lot corner, place the distribution box 135 feet down the right (617') lot line and 75 feet off the right line as seen when facing property from Castlefield Street. Run trenches along contour towards the right (617') 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 6/3/93 RM

PLANS APPROVED BY Bert Nixon

DATE 11/24/87-2/09/88

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.

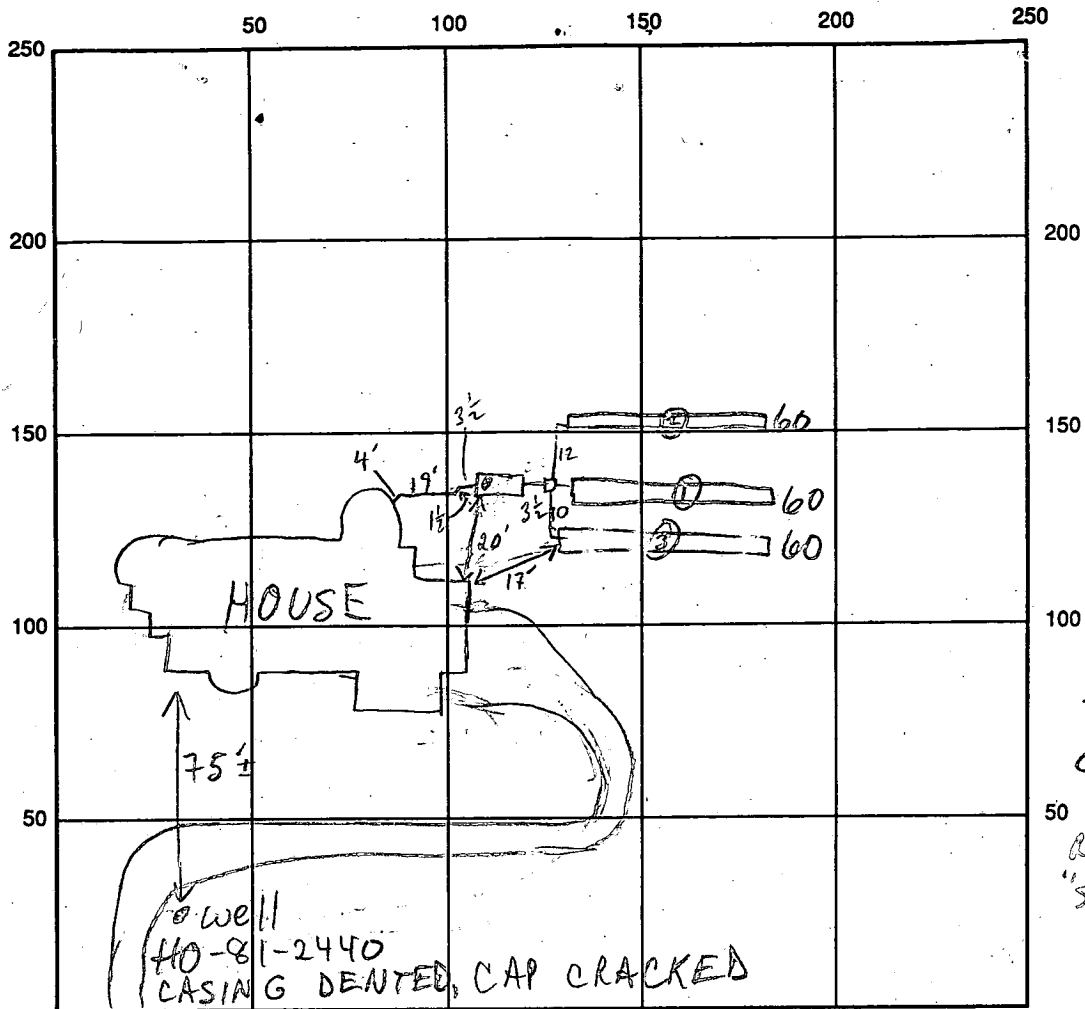
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMIT SIGNED  
AND RETURNED 3/28/95

Serial # 586 59 deck

A 39755



7/27/93  
OWNER REPORTS  
50 WELL WAS  
REPAIRED  
"SOME TIME AGO"  
CW

CASTLEFIELD ST INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH  $\frac{1}{8} \frac{2}{8} \frac{3}{8}$  FT. TRENCH WIDTH 2' FT. INLET DEPTH  $\frac{1}{4} \frac{2}{4} \frac{3}{4}$  FT.

EFFECTIVE GRAVEL DEPTH  $\frac{1}{4} \frac{2}{4} \frac{3}{4}$  FT. TOTAL LENGTH  $\textcircled{1} 60 \textcircled{2} 60 \textcircled{3} 60 = 180'$

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA  $\textcircled{1} 240 \textcircled{2} 240$  SQ. FT. 720 ft<sup>2</sup>

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 10/6/93 OK TO CONTINUE MR

10/7/93 #1 OK TO CONTINUE MR 10/7/93 #2 OK TO CONTINUE MR

10/8/93 AM OK to continue - no change from yesterday AM PPM OK to cover final AM

DATE SYSTEM APPROVED 10/8/93 INSPECTOR Amy McMillen

# APPLICATION

PERCOLATION TESTING

A 39755  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 4/23/87

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 SANDANBARI + Sethubri BASKARAN  
Gerald M. Katz, Trustee c/o Whitman, Regardt and Associates

ADDRESS 2315 St. Paul Street, Balto., Md. 21218 PHONE (301) 235-3450

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Burleigh Manor Section 2 LOT NO. 61

ROAD AND DESCRIPTION West of the intersection of Centennial Lane & Old Annapolis Road  
(10307 Castlefield Street)

TAX MAP 23, 24 PARCEL # 290

SIZE OF LOT 3 Ac. TYPE BLDG. Single Family Dwelling  
(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] (301) 484-8400  
(SIGNATURE OF APPLICANT)

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

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

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

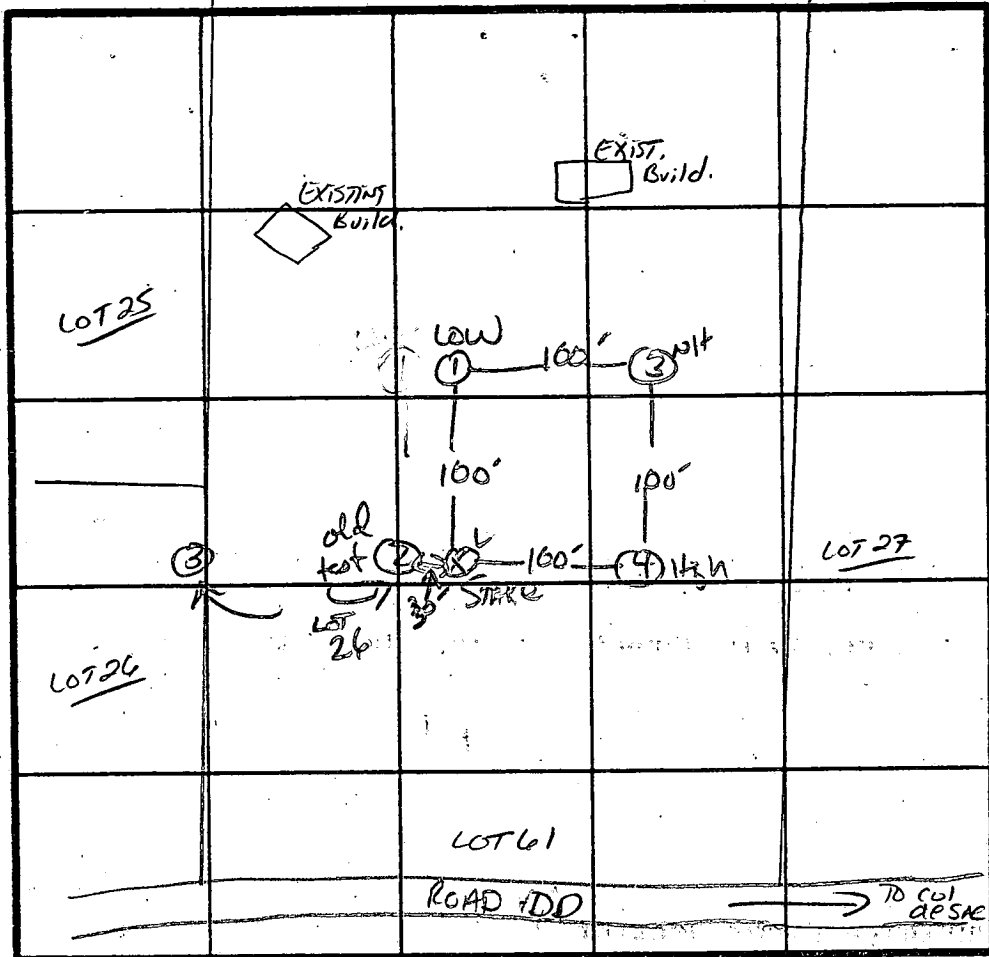
REASONS FOR REJECTION OR HOLDING 7/14/87 Due satisfactory hold for subdivision plat. other

BLDG. PERMIT SIGNED  
AND RETURNED 4/29/87  
Serial # 47944  
SFD - 4 Bedroom

# THIS IS NOT A PERMIT

① ② ③ ④  
SOIL PROFILE

0"	AP
8"	RED BR Silty Clay LOAMY 10-15% FRAGS
4"	Yellow BR LOAMY 15-20% FRAGS



$\bar{X}$  Perc 8  
180  $\phi$  / BR  
Inlet 3 1/2'  
Bottom 8'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

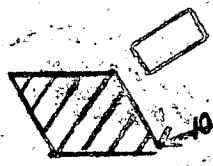
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/14/87	OLD TEST #2 3/4	4.5	9 MIN	11:5	OK		
	1 S	4"	1109	1115	1115	1131	16 MIN
	V	13"	UNIFORM	soil	below 4"		
	3	4"	1136	1137	1137	1139	2 MIN
	V	13"	UNIFORM	soil	below 3"		
	4 S	4"	1133	1135	1135	1140	5 MIN
	V	13"	UNIFORM	soil	below 3"		

REMARKS Holes Per Plat

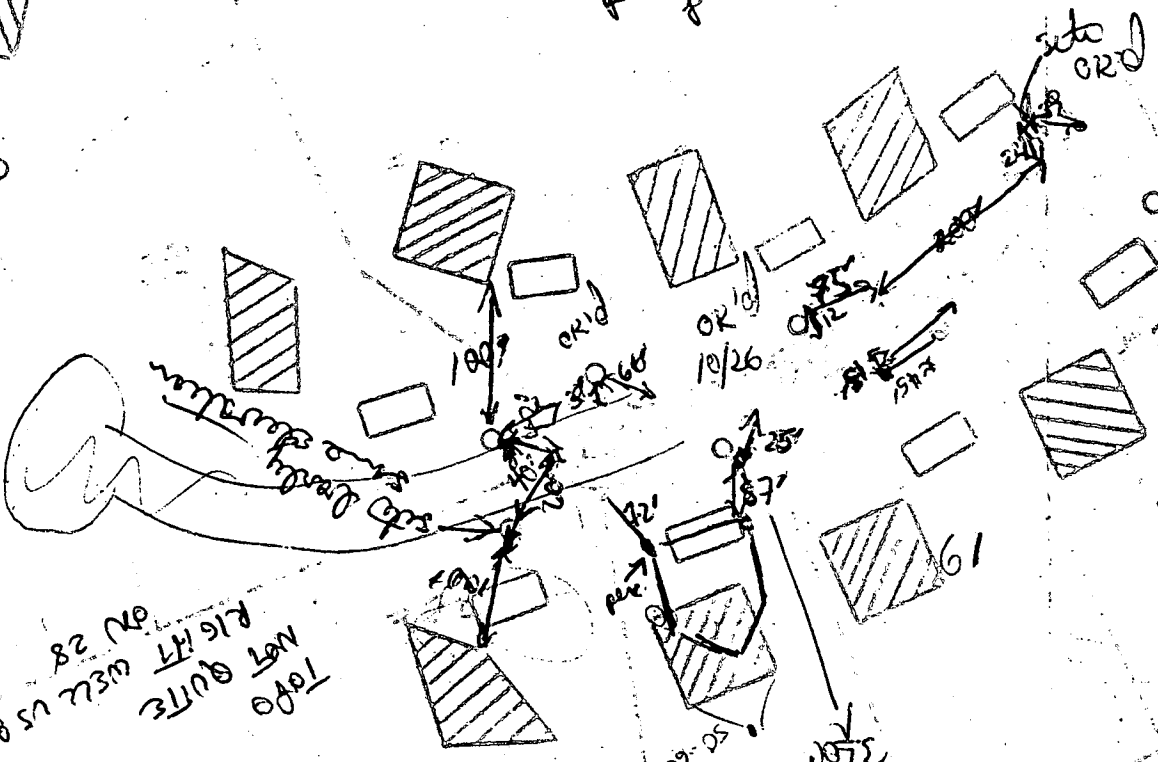
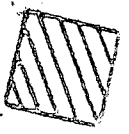
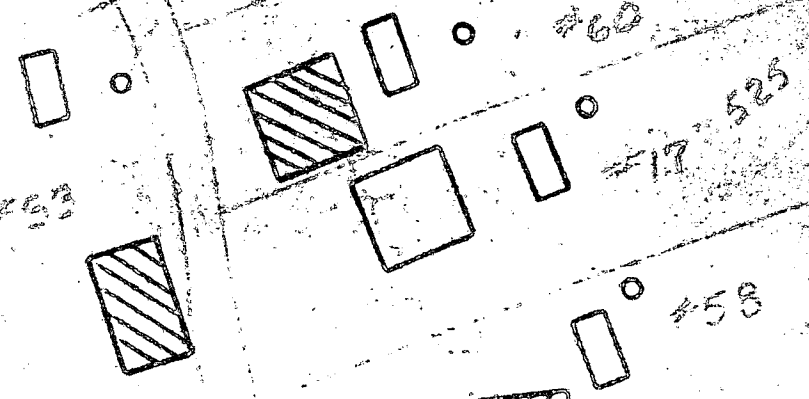
TYPE OF SOIL Chaster

TESTED BY S. Abel ALSO PRESENT Rocky, CRISS

7



has adjusted  
perc field  
further back



TOPO  
NOT QUITE  
RIGHT WITH US SPEC  
ON 28

NOTE  
DISTANCE  
TO ACTUAL  
CLOSEST HERE  
ONLY 87', but  
perc field  
has approved  
adjusted  
perc back

307°07'30"E  
604.67'

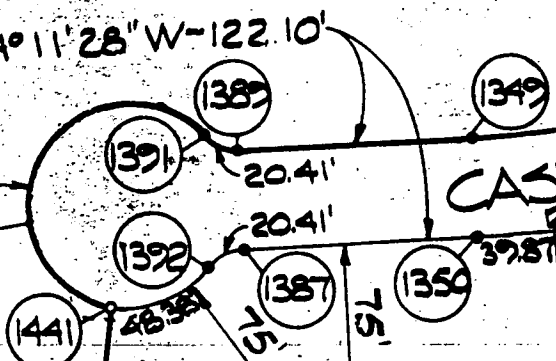
Lot  
open

ATCH LINE SHEET 8 OF 9

N47°51'28"W-68.29'

R=575.00', L=265.20'  
N42°08'32"E-50.00'

CASTLEFIELD STREET

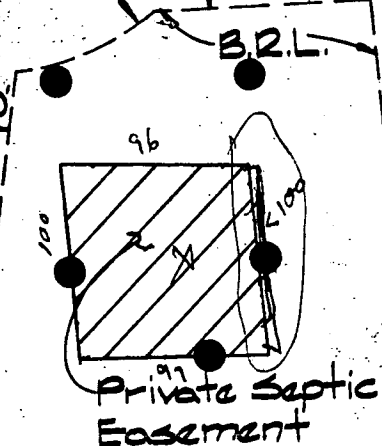


R=675.00', L=278.82'  
R=725.00', L=299.47'

N47°05'16"E-71.09'  
N7°45'46"E-268.02'  
N384°01'36"E-75.14'

#703  
3.03 Ac.

Private Septic Easement

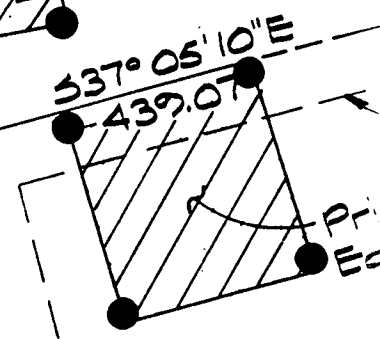


#705  
5.98 Ac.

Private Septic Easement

#704  
3.58 Ac.

20' Drainage and Utility Easement



20' Drainage Utility Easement

B.R.L.

N375°29'10"W-685.72'

N03°20'06"W-243.60'  
N84°57'54"W-163.40'

N37°16'33"W-88.52'  
N54°58'40"W-96.77'

N13°18'02"W-90.77'  
N54°01'08"E-348.09'  
N55°43'23"W-30.45'

452.12

N33°07'22"E-152.00'  
N44°46'45"E-285.81'

N302°51'27"W-125.17'  
N321°25'53"E-67.67'

N35°58'52"W-762.12'  
328°02'22"E-225.63'

#701  
3.81 Ac.

711.68'  
N35°58'52"E-931.68'

Adjusted SDA for housesite OK MR. 10/30/91

B.R.L.

B.R.L.

B.R.L.

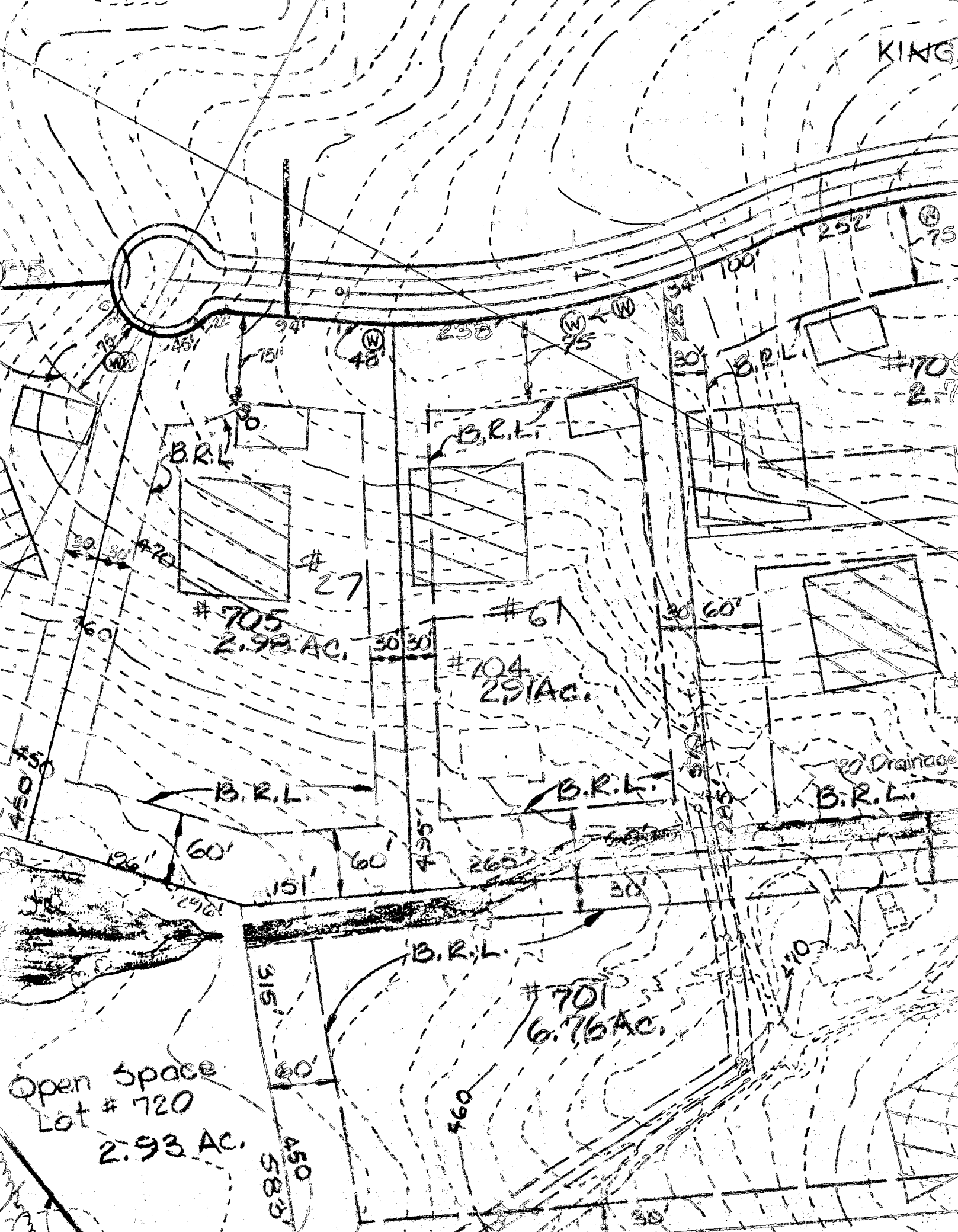
B.R.L.

B.R.L.

B.R.L.

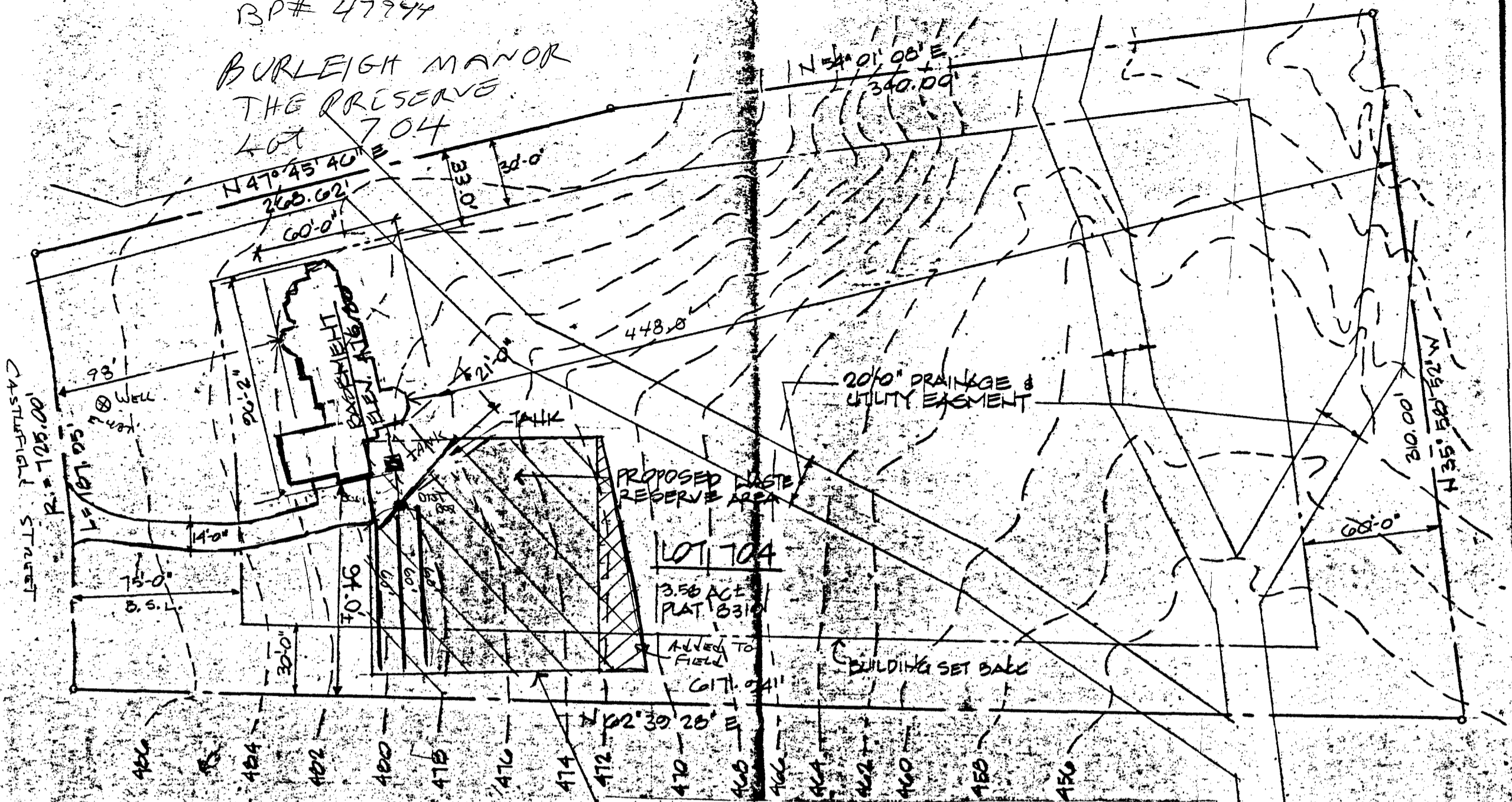
B.R.L.

KING



BP# 47944

BURLEIGH MANOR  
THE PRESERVE  
LOT 704



LINE OF WASTE RESERVE AREA



NOTES:

FIRST FLOOR ELEV AT...	475.00
BASEMENT ELEV AT...	476.00
I.E. OUT OF HOUSE AT...	475.5
I.E. INTO TANK	475.0
EXISTING ELEV. AT TANK	478.00
TOP OF TANK	
I.E. OUT OF TANK	474.5
EXISTING ELEV. AT TRENCHES	478.00
I.E. AT <del>TRENCHES</del> DIST. BOX	474.25
I.E. OUT OF DIST. BOX	474.00
I.E. AT TRENCHES	474.00

MIN. SEWAGE LINE SLOPE @ 1/8" PER 1'-0"

CAT Homes Inc  
410-531-6791

BP# 47944

scale 1" = 50'

B 1 9377 SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER  
10-81-2440  
fill in this form completely

Date Received  
OWNER INFORMATION  
Last Name: WILSON, Owner: R. GUARDT, First Name: H. S.  
Street or RFD: 315 SAINT PAUL ST  
Town: BALTIMORE, State: MD, Zip: 21219

B 3 LOCATION OF WELL  
COUNTY: HOWARD  
SUBDIVISION: BUNPLINICH MARCE  
SECTION: 2, LOT: 61  
NEAREST TOWN: ELICOTT CITY  
MILES FROM TOWN: 3 1/2 MI

DRILLER INFORMATION  
Driller's Name: [Signature] License No. 238  
Firm Name: [Signature] Well Drilling  
Address: 5512 Ridel Rd. Mt. Airy, Md. 21771  
Signature: [Signature] Date: 10/27/87

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NEAR WHAT ROAD: Castlefield Street  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD: 20 FT  
ENTER FT OR MI

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)  
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  
COUNTY NAME: HOWARD COUNTY NO.: A 39755  
OEP SIGNATURE: [Signature] STATE HEALTH INSERT S: [Signature]  
DATE ISSUED: 11/19/87 CO SIGNATURE: [Signature] EXP. DATE: 05/19/88  
NORTH GRID: 521000 EAST GRID: 0836000

APPROXIMATE DEPTH OF WELL: 240 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH NEAREST INCH

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  
11/24/87  
60' CASING  
30' OPEN  
12 BAGS CEMENT left before  
LOCATION OF SKUL done  
comp report

REPLACEMENT OR DEEPEMED 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 DEEPEN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
N  
Sketch showing location of well in relation to nearby towns and roads. Labels include: Bridge Rd, Ellicott City, Castlefield Street, and a well location marked with an X.

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER: GAP  
FORCE INITIALS IN-BOX: [Signature] PERMIT No.: 10-81-2440

SPECIAL CONDITIONS: NEEDED FOR PRELIMINARY APPROVAL

C1 2048 (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 A 39755

DATE Received

DATE WELL COMPLETED 1/24/87

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-2440

OWNER ASSOCIATES WHITMAN RESQUARDT STREET OR RFD CASTLEFIELD STREET TOWN ELLICOTT CITY SUBDIVISION BURLIGH MANOR SECTION 2 LOT 61

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. Includes handwritten entries: SAND, GRAY SILT, ROCK, 0-53, 53-225.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 112 NO. OF POUNDS 1128

CASING RECORD casing types insert appropriate code below STEEL (ST) CONCRETE (CO) PLASTIC (PL) OTHER (OT)

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

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

DEPTH (nearest ft.) 110 58 225

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED 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. 727

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

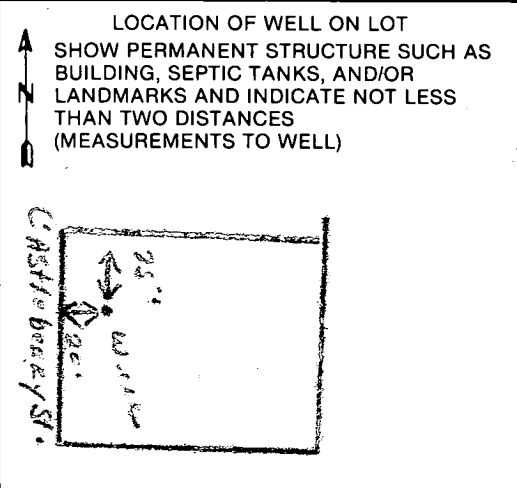
SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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 OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 72 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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: 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



CASTLEFIELD STREET

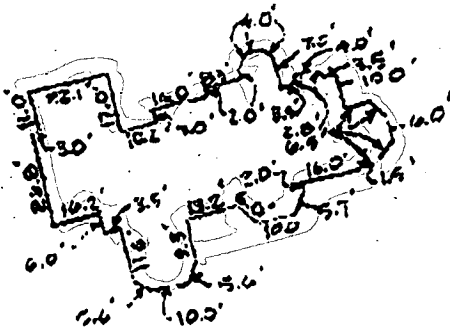
GRAVEL DRIVE TO BE PAVED

BACK STAYED 2 STORY

PRIVATE SEPTIC ESMT.

LOT 704

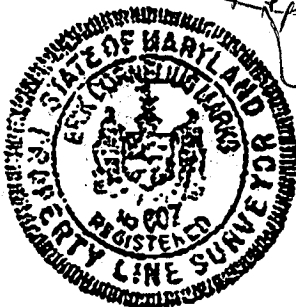
20' DRAINAGE UTILITY ESMT.



INSET, SCALE: 1" = 50'

LOWER 1ST FLOOR ELEV. 485.3

Handwritten notes: Bldg per 3/28/93 #58659 ps ok as shown & per check out of 10/8/93. Signature: C.B.S.



PLAN SCALE 1" = 100'

I hereby certify that a site inspection (based upon field observations and surveys of necessary) was made under my direction on [redacted] at [redacted]. To the best of my knowledge, information and belief, this lot has been final graded in compliance with the approved Site Development Plan or, if none, the approved Erosion and Sediment Control Plan and Grading Plan. In addition to general compliance with the applicable, this inspection was made with the following items being checked for compliance with Section 3.101, Subsection 3.101.3 of the Howard County Code, as a minimum: a. Drainage Courses: correct direction of flow; (if applicable) located within drainage easements; constructed with a positive and uniform grade; and b. Lot Grading: positive drainage away from the structure; fine graded with no local low spots.

This plan is not intended to be used for the purpose of establishing property lines or points and was prepared without the benefit of a title report.

FLOOD CERTIFICATION

SUBJECT PROPERTY IS SHOWN IN ZONE C, AS SHOWN ON THE FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, PANEL 23.

COMMUNITY PANEL 010044 002213 EFFECTIVE DATE Dec. 1, 1986

RECORD REFERENCES

LIBER/FOLIO \_\_\_\_\_ PLAT BOOK \_\_\_\_\_ PLAT NO./FOLIO 2422/

SCALE AS SHOWN DATE 6/10/93

LOCATION SURVEY OF

10307 CASTLEFIELD ST. LOT 704, THE PRESERVE BURLINGHAM MANOR HOWARD Co. MARYLAND

MARKS-VOGEL ASSOCIATES, INC.

CONSULTING ENGINEERS-SURVEYORS-PLANNERS 4784 YORKSHIRE DRIVE ELLICOTT CITY, MD 21114 TELEPHONE and FAX (410) 461 5838

I HEREBY CERTIFY THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

Signature: Erik C. Marks. Erik C. Marks P.E. 1767