

8/26/97 10:00 (lay out check)
10/19/97 9:00
10/6/97 W.P.I. Anytime
10/3/97 10:00

PERMIT

02-339919

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58930

A 38533

DISTRICT 2nd

DATE 8/21/97

DATE SYSTEM APPROVED 10/3/97

INSPECTOR DLS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-9933XX~~ 313-2640

INDEXED

Paul H. Dymond Corporation

IS PERMITTED TO INSTALL ALTER

ADDRESS 14631 Red Lion Drive, Woodbine, Maryland 21797 PHONE 301-442-5774

SUBDIVISION Burleigh Manor LOT 702 ROAD 10343 Kingsbridge Road

PROPERTY OWNER Chi-Nang John Hui & Yuen Yee Tsui

ADDRESS Mike & Patty Knapp

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 - Starting from right front lot corner as seen from Kingsbridge Road, Start first trench 250 feet down right lot line and 15 feet off this same lot line. Run trenches on contour toward rear of lot.

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

PLANS APPROVED BY Mark Rifkin/C. Williams

DATE 10/26/89

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.

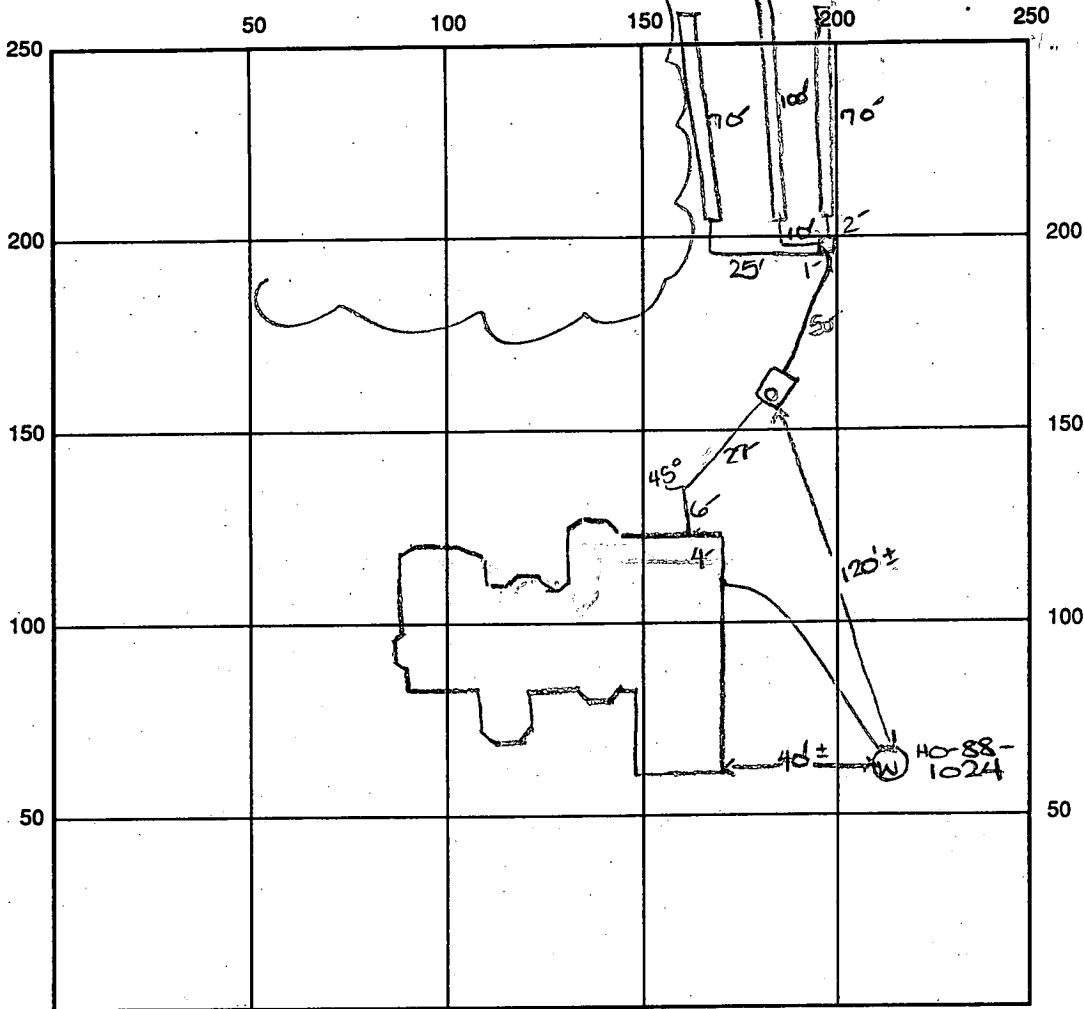
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG PERMIT SIGNED AND RETURNED 7/20/00
B00125567 Finish
bsmt kitchen
MOD. PERMIT SIGNED AND RETURNED 8-19-99
Serial # B70120042

A 38533

2 cond pipes
 braided copper ground
 15' above
 x' by



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Kingsbridge Road

SEPTIC TANK LEVEL OK-1250 gal. CLEANOUTS one on st.

DISTRIBUTION BOX LEVEL OK-baffle in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH _____ FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\frac{2 \times 70}{1 \times 100}$ FT. \rightarrow 240

NUMBER OF TRENCHES 3 ONE SIDEWALK/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 8/26/97 layout check - owner to have prop. line staked and he will indicate trees preferred to be saved. DKS/km
9/11/97 Dist. box location staked - OK to start system. DKS
10/1/97 First trench OK to cover - OK to continue. DKS
10/3/97 FINAL - OK to cover all work. DKS
10/6/97 WPI - well line, P.A. 4' b.g., 1.5' a.g. Needs a pc cap

DATE SYSTEM APPROVED 10/3/97 INSPECTOR [Signature]

Braided copper ground.
 OK to cover. DKS

APPLICATION

PERCOLATION TESTING

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

A 38533

P _____

DISTRICT _____

DATE 1-28-87

*3/17/87
perc OK'd
perm & approved
plot
(M)*

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 Gerald M. Katz, Trustee c/o Whitman, Reardon and Associates
CHI-NANG JOHN HUI & YUEN YEE TSUI

ADDRESS 2315 Saint Paul Street, Baltimore, MD 21218 PHONE (301) 235-3450

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

LOT 702 on Prelim Plan

SUBDIVISION Burleigh Manor Section 2 LOT NO. 25

ROAD AND DESCRIPTION West of the intersection of Centennial Lane and Old Annapolis Road
(10343 Kingsbridge Road)

*(BLDG. PERMIT DENIED
AND RETURNED 10/19/86
Serial # B0010 2588-SFD-4Bca*

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.

Steven Shee

(SIGNATURE OF APPLICANT)

APPROVED BY B Nixon FOR Shallow system only DATE 2/9/88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located holes & sub-s plot

THIS IS NOT A PERMIT

FIELD STREET
L=278.50'
L=299.47'
L=500'L=71.09'

Private Septic Easement
B.R.L.
N75°17'38"W-103.86'

#704
3.58 Ac.
20' Drainage and Utility Easement
N57°45'11"W-22.20'

Private Septic Easement
B.R.L.
N37°16'33"W-88.52'
N54°58'40"W-96.77'
S02°51'27"W-125.17'
S31°25'53"E-67.67'

#701
B.R.L.
S28°02'22"E-225.63'

#703
3.03 AC
B.R.L.
S84°10'36"E-75.14'

Private Septic Easement
B.R.L.
Well Site
MR 8/24/89 Site OK
S37°05'10"E-439.07'

Not Found
8/16/89 MR
Private Septic Easement
S57°10'01"W-152.45'
N58°53'17"W-73.92'
N45°30'17"W-303.61'

#702
3.55 Ac.
20' Drainage and Utility Easement
B.R.L.
N13°18'02"W-90.77'
S52°48'08"W-194.41'
N35°58'52"W-762.12'

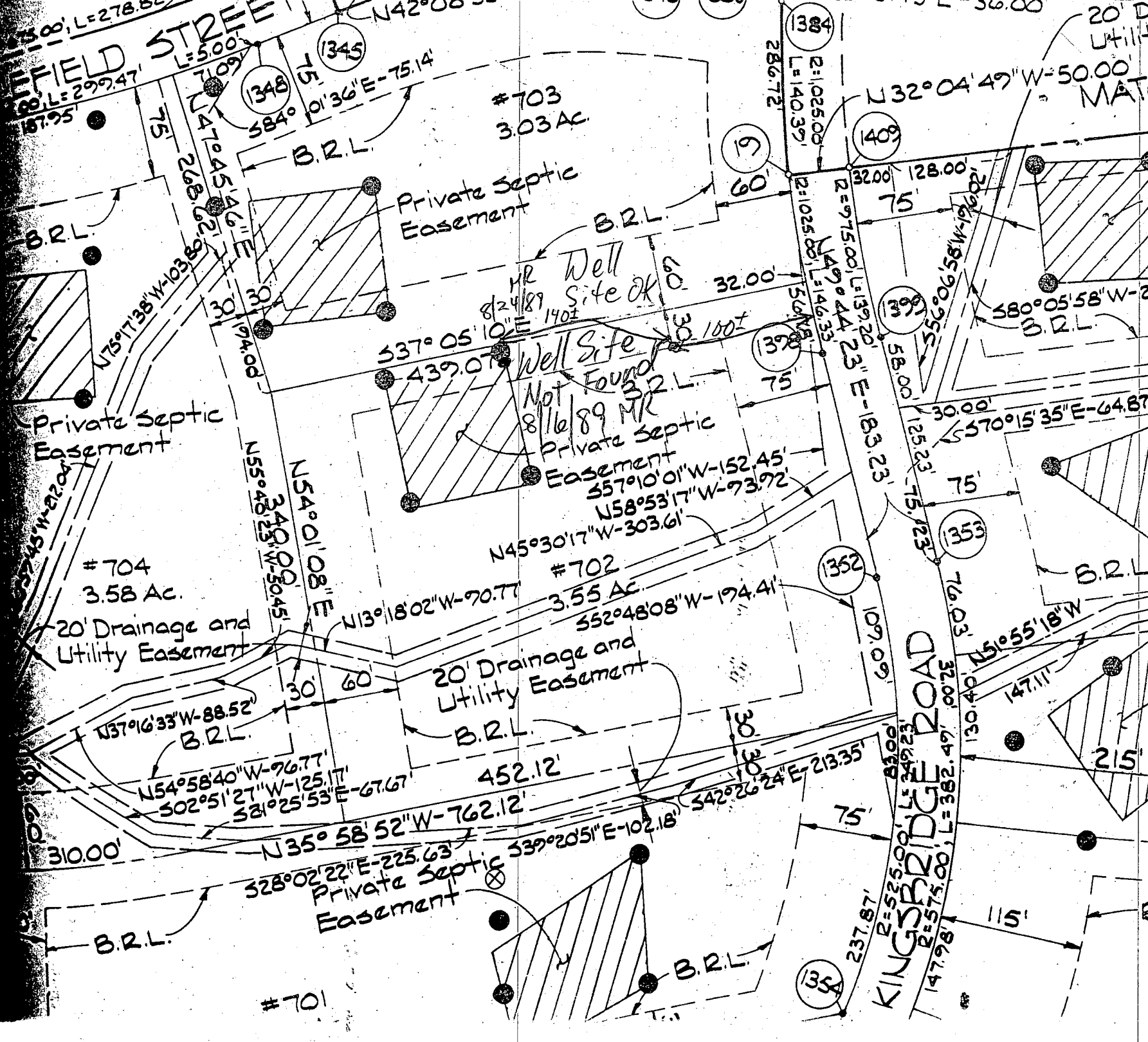
20' Dr Utility
MATC
N32°04'49"W-50.00'

Private Septic Easement
B.R.L.
S80°05'58"W-21.1'

Private Septic Easement
B.R.L.
S70°15'35"E-64.87'

Private Septic Easement
B.R.L.
N51°55'18"W
S42°26'24"E-213.35'

KING BRIDGE ROAD
R=1025.00'
L=140.39'
R=1025.00'
L=140.39'
R=975.00'
L=139.20'
R=975.00'
L=139.20'
R=1025.00'
L=140.39'
R=1025.00'
L=140.39'



WATER

75 Existing Well

ACB.P.L.

487

470

340

70

50

125

60

215

100

B.R.L.

(B.R.L.)

B.

287

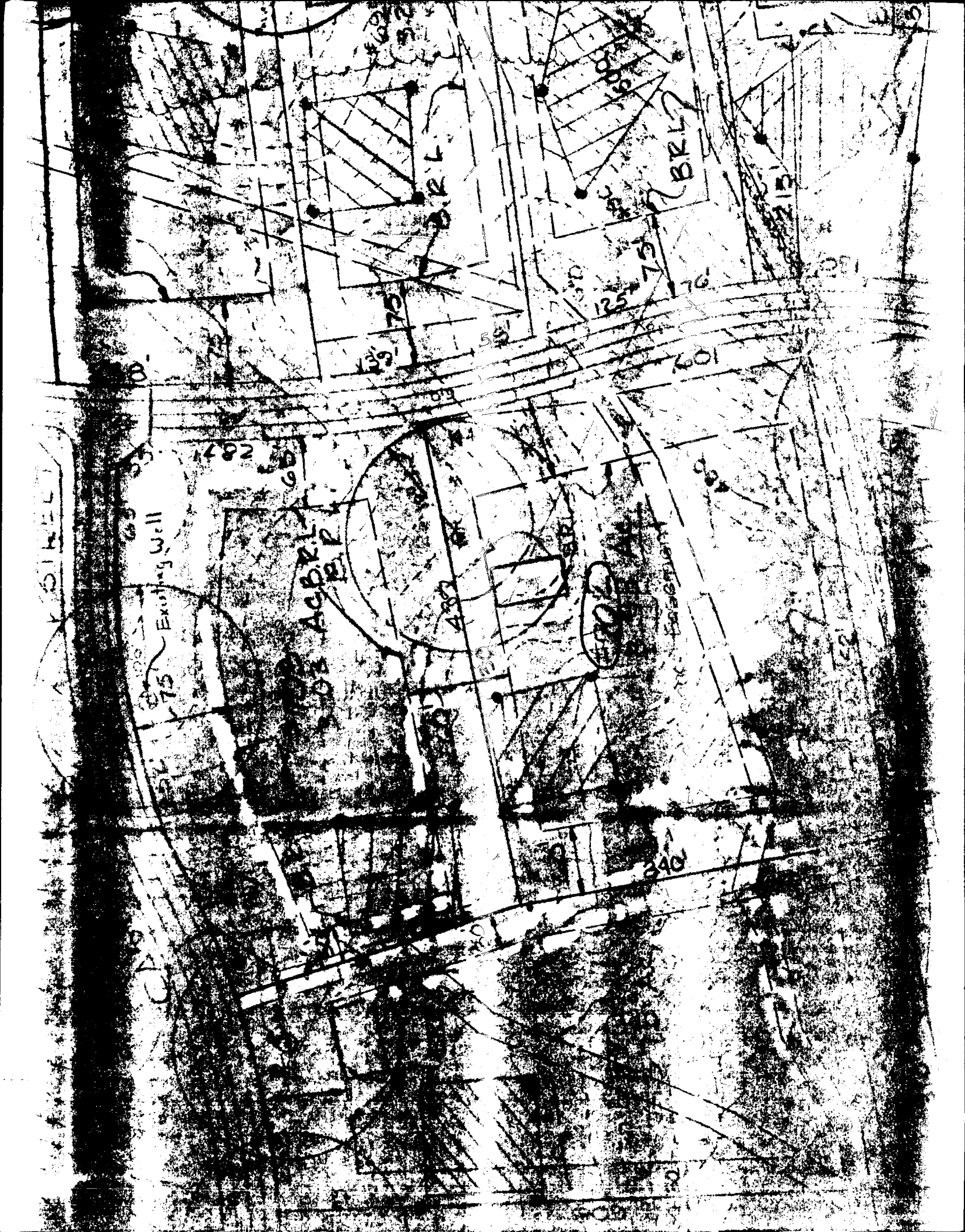
60

70

125

60

130



C1 1140 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 A38533

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 100587

Depth of Well 22 365 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-1024

OWNER Greenbaum - Assoc last name Kingsbridge first name TOWN Ellicott City SUBDIVISION RIPLEIGH SECTION LOT 707

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 Stone 0 32, Gray Mud Sh. 32 45.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY

NO. OF BAGS 9 NO. OF POUNDS 152 GALLONS OF WATER 42 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 22 ft.

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

MAIN CASING TYPE 31 Nominal diameter top (main) casing (nearest inch) 6 3/4 Total depth of main casing (nearest foot) 22

OTHER CASING (if used) 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

Table with columns: E A C H S C R E E N, DEPTH (nearest ft.), 1-21, 23-36, 38-51

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 26.04.04 "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.

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

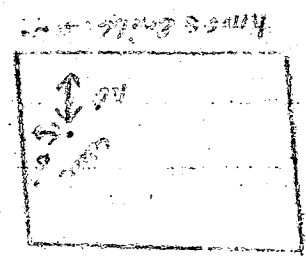
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 7 1/2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 24 WHEN PUMPING 108 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) + above - below 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)



B 1 **5667** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

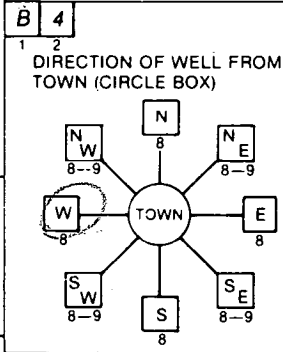
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HD-88-1024
 fill in this form completely

Date Received (APA) **052389**
 OWNER INFORMATION
COHENBAUM ROSS ASS
 15 Last Name 13 Owner 34 First Name
1777 Heisterstown RD
 36 Street or RFD 55
BALTIMORE MD 21208
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD COUNTY
RURLEIGH MANOR SUBDIVISION
 SECTION **2** LOT **702**
FILICOTT CITY NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **3 1/2** MI

DRILLER INFORMATION
 Driller's Name **Joseph L. Mayne** License No. **238**
 Firm Name **Joseph L. Mayne Well Drilling**
 Address **5512 Rilice Rd Mt Airy 21771**
 Signature **Joseph L. Mayne** Date **5/22/89**



Kingbridge Rd. NEAR WHAT ROAD
 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME
A38533 COUNTY NO.
 STATE SIGNATURE _____ INSERT S _____
 DATE ISSUED **082489** CO SIGNATURE **Mark E. Kiffin** EXP. DATE **2/24/90**
 NORTH GRID **521000** EAST GRID **0835000**

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)

APPROXIMATE DEPTH OF WELL **300** FEET
 APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST

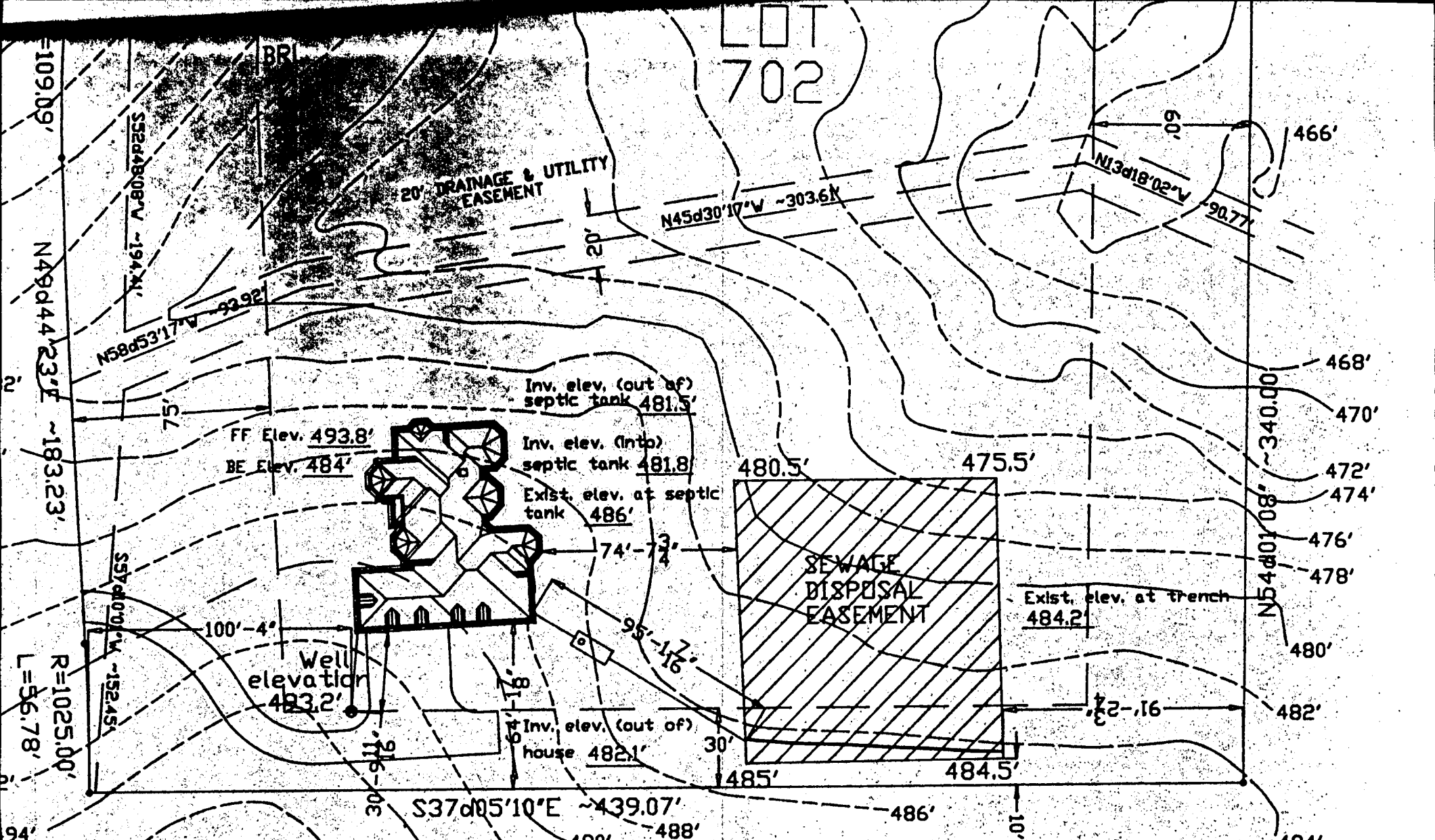
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTary Drive-POINT
 other _____

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **MI** WRITE INITIALS IN BOX PERMIT No. **HD-88-1024**

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 **8385**
 N **5381**
 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

SPECIAL CONDITIONS



Approved Sept. System Plan
 Howard County Health Department

scale: 1" = 50' B00102548
 5 BA - 5 F.D.

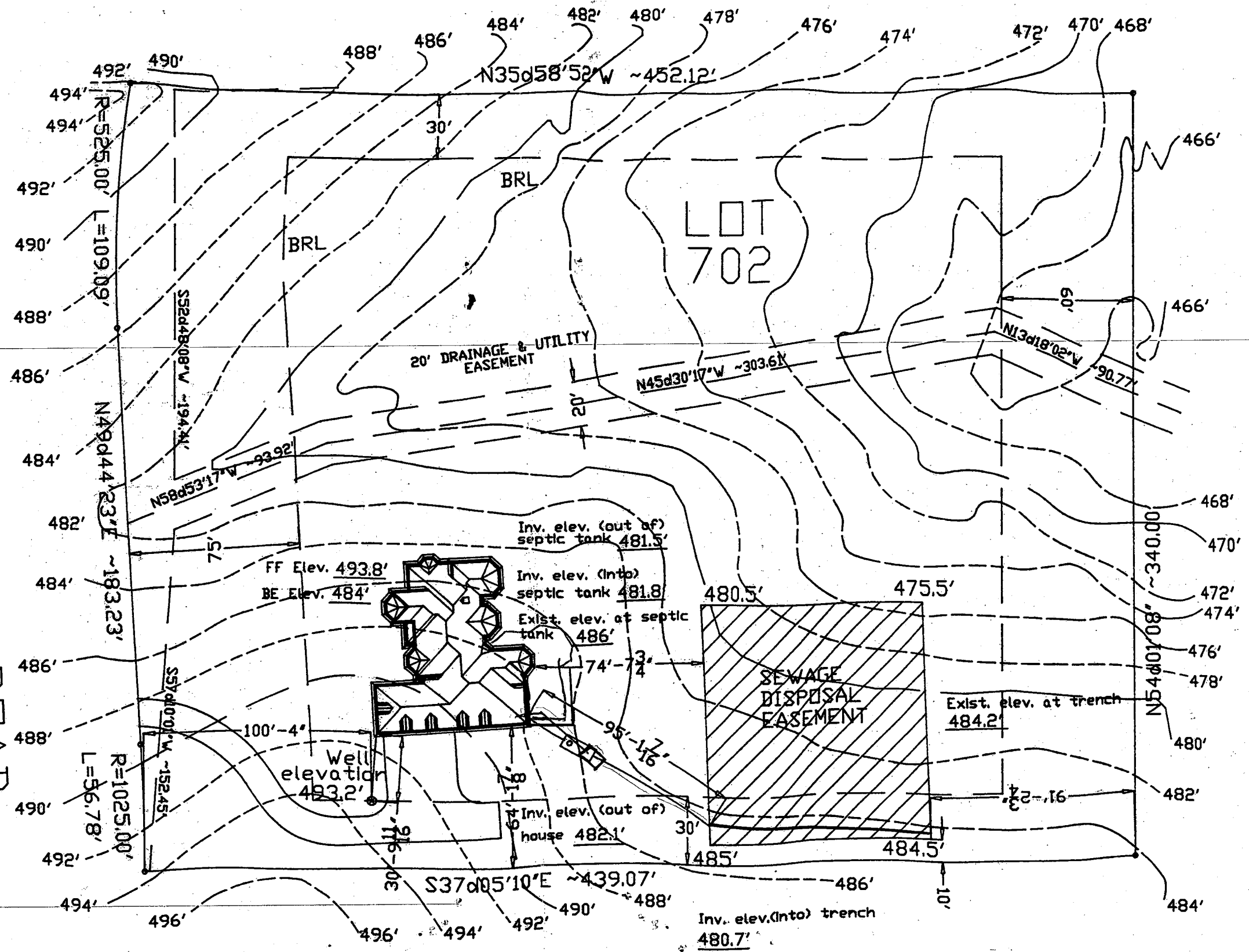
BURLEIGH MANOR
 SECTION 2 LOT

ER, INC
 D SURVEYORS

C. J. Welch
 Signature Date: 10/9/96

KINGSBRIDGE ROAD

Proposed deck location
OR AS SHOWN



DRAWN FROM ORIGINAL:

scale: 1"=50'

BURLEIGH MANOR