

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 56966 2

A 48642

DISTRICT _____

DATE 6/4/96

DATE SYSTEM APPROVED 8/1/96

INSPECTOR M. Ripkin

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Gwyndyl Oak Estates LOT 20 ROAD 2809 Belle Hollow Ct.

PROPERTY OWNER NV Homes / Paul Walter Zajac

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

BLDG. PERMIT SIGNED
AND RETURNED 8-1-97
Serial # B710 6923
3-hand deck

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 distribution box 240 feet up the left lot line (384.43) and 20 feet off that same lot line when facing the lot from Belle Hollow Court. Run trenches on contour toward the right 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 6-6-96 JJ

PLANS APPROVED BY Glen Savage DATE 4/29/96

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.

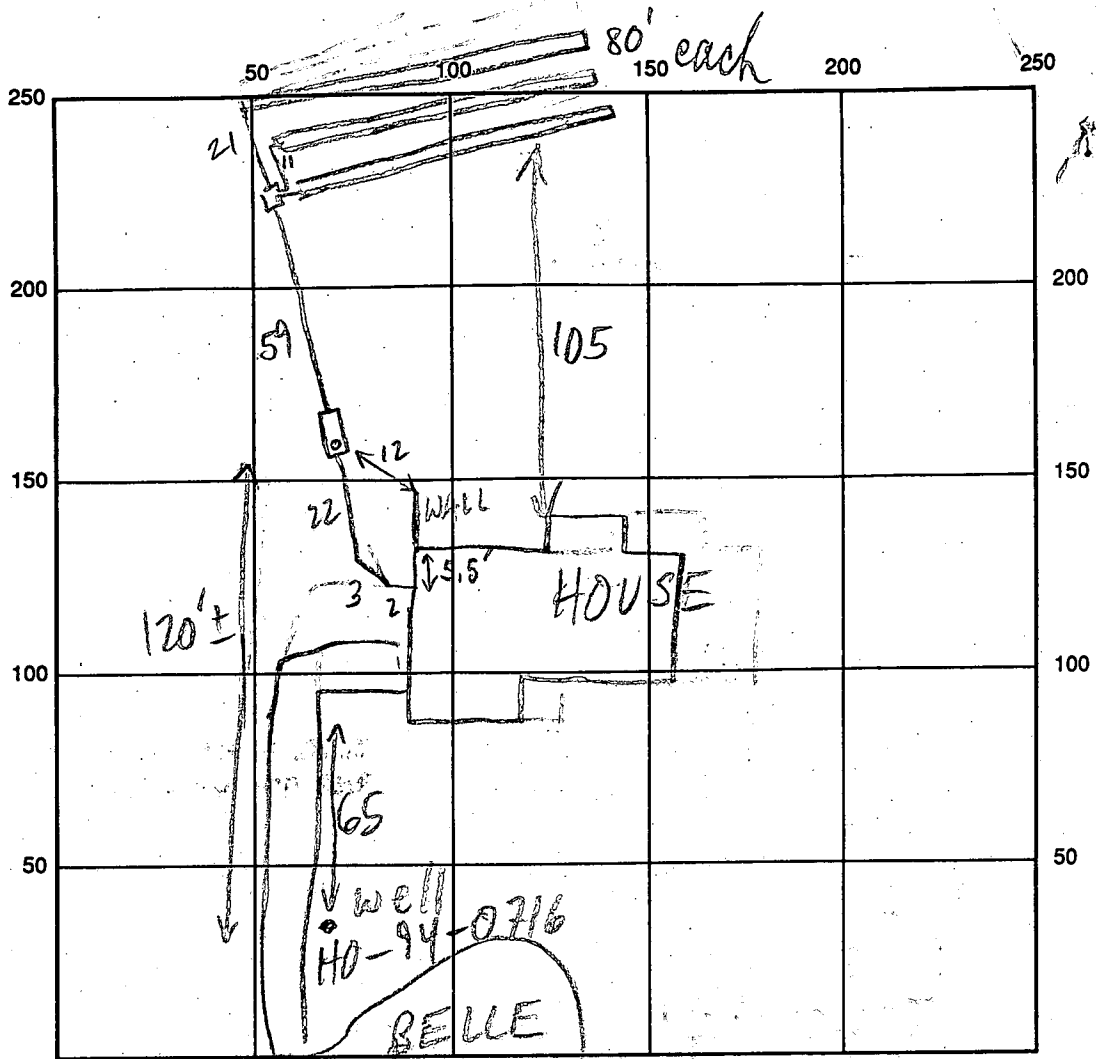
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 7/24/96
Serial # B7101 282

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

A 48642

C.O.
7-18-96
8/1/96 12:00
8/2/96 1:00



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

HOLLOW CT

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3 @ 80 FT.

NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~ BOTTOM AREA 3 @ 240 SQ. FT.

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

ABSORBENT AREA 720 SQ. FT.

REMARKS: 8/1/96 OK TO STONE TRENCH @ MR

8/2/96 OK TO FINISH + COVER MR

WPI OK to cover @ 4 ft MR 8/17/96

DATE SYSTEM APPROVED 8/2/96

INSPECTOR M. Ripkin

APPLICATION

PERCOLATION TESTING

A 48642
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

*No 11/21/92
New test required?*

DISTRICT _____
DATE 10-22-92

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER PETTIT & GRIFFIN INC. NV Homes

ADDRESS 2200 Defense Hwy - Crofton, MD 21114
18205-D FLOWER HILL WAY PHONE (301) 975-1020
GAITHERSBURG MARYLAND 20879

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: Gwynedd Oak Estates

SUBDIVISION Mckendree estates LOT NO. 48 NEW 21

ROAD AND DESCRIPTION Mckendree Road
2809 Belle Hollow Ct.

20
(9116193)

BLDG. PERMIT SIGNED
AND RETURNED 4-24-96
Serial # 64514

TAX MAP 14 PARCEL # 123

SIZE OF LOT 40,000# - 60,000# TYPE BLDG. SINGLE FAMILY DWELLING - 4 BRMS
(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.

Zacharia y. fish (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS 11/16/92 Per OK Hold for Plat

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

48642

Lot 20

Lot 18

COUNTY #

SOIL PROFILE

SOIL PROFILE

3' TOP SOIL RED CLAY

MEDIUM BROWN SAND LOAM

13' ON LINE

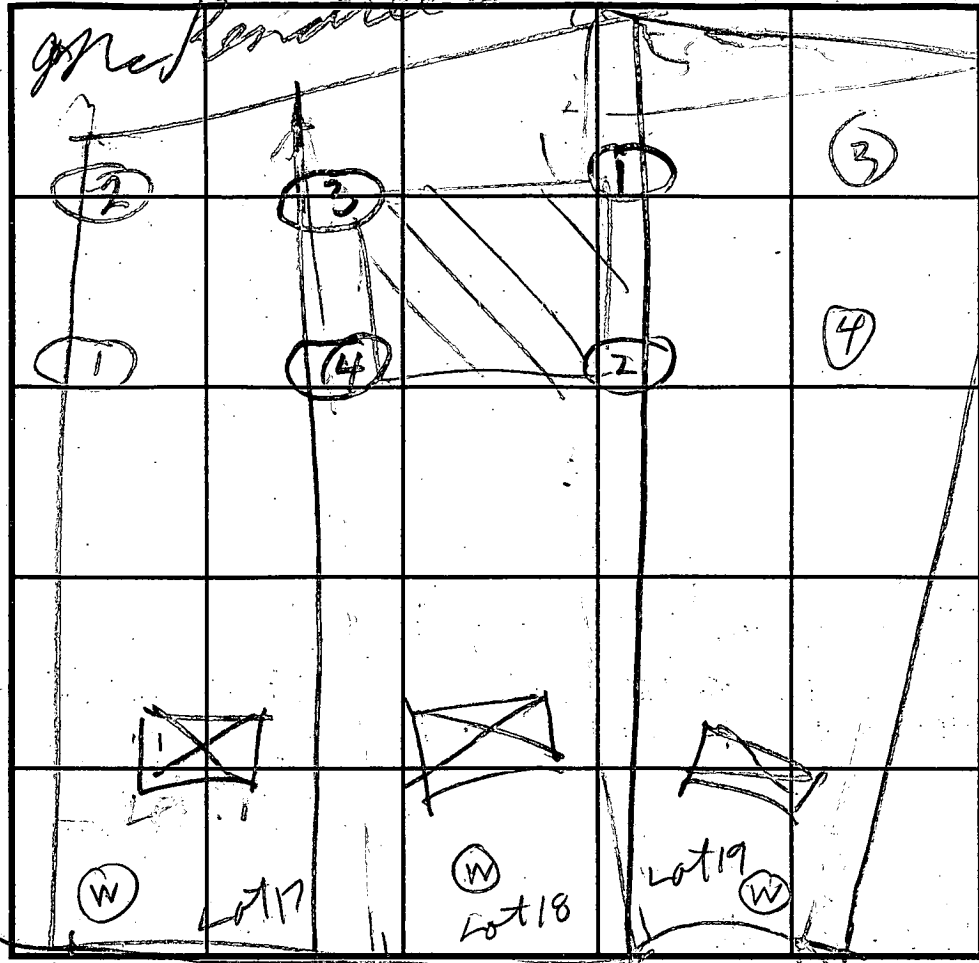
2' TOP SOIL RED CLAY

4' PINK BROWN SAND LOAM

14' ON LINE

3' TOP SOIL BROWN CLAY

4' LIGHT BROWN & GRAY SAND LOAM



0' TOP SOIL CLAY

3 1/2' DULL GRAY BROWN SAND LOAM

10 1/2' HARD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

COURT C

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/16/92	1S	4.5	1153	1155	1155	1158	3
	1V	13	OK				
11/11/11	2V	14	OK				
11/11/11	3S	5	1204	1208	1208	1213	5
	3V	12.5	OK				
11/11/11	4S	4.5	1211	1217	1217	1227	10
	4V	7.5	1210	1212	1212	1217	
11/11/11	4V	10.5	OK	SHALLOW			
11/11/11	2S	5	201	202	202	204	2
	2V	8	201	204	204	206	

ON LINE 18519

ON LINE Lot 19719

ON LINE 17818

ON LINE 17818

ON LINE 19719

REMARKS: Hold dumper stake other holes off a little have on

TYPE OF SOIL: Line gutter

TESTED BY: B. Hodges

ALSO PRESENT: Hugh & Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 TRENCH WIDTH 3

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180

12.5

C1 4157

SEQUENCE NO. (MDE, USE ONLY)

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-48642

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 041796

DEPTH OF WELL grid: 300

PERMIT NO. grid: H0-94-0116

OWNER: WHEELER DEV. INC. STREET OR RFD: BELLE HOLLOW CT TOWN: SUBDIVISION: Gwynn Oak Est. SECTION: LOT: 20

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, FEET (FROM, TO), check if water bearing. Rows include dirt, soft tan rock, hard gray rock, med hard brown rock, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (Steel, Concrete, Plastic, Other), Nominal diameter top (main) casing, Total depth of main casing

OTHER CASING (if used)

Table for other casing with columns for diameter and depth

SCREEN RECORD

screen type or open hole (Steel, Brass, Plastic, Open Hole, Other)

DEPTH (nearest ft.) grid, SLOT SIZE 1, 2, 3 DIAMETER OF SCREEN

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED, PUMP INSTALLED

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A, E, P

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...

TYPE (MWD/MSD/MGD) DRILLERS LIC. NO. 304

DRILLERS SIGNATURE: David Kelly

LIC. NO. JWD 075

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

DRILLER WILL INSTALL PUMP (YES/NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

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)

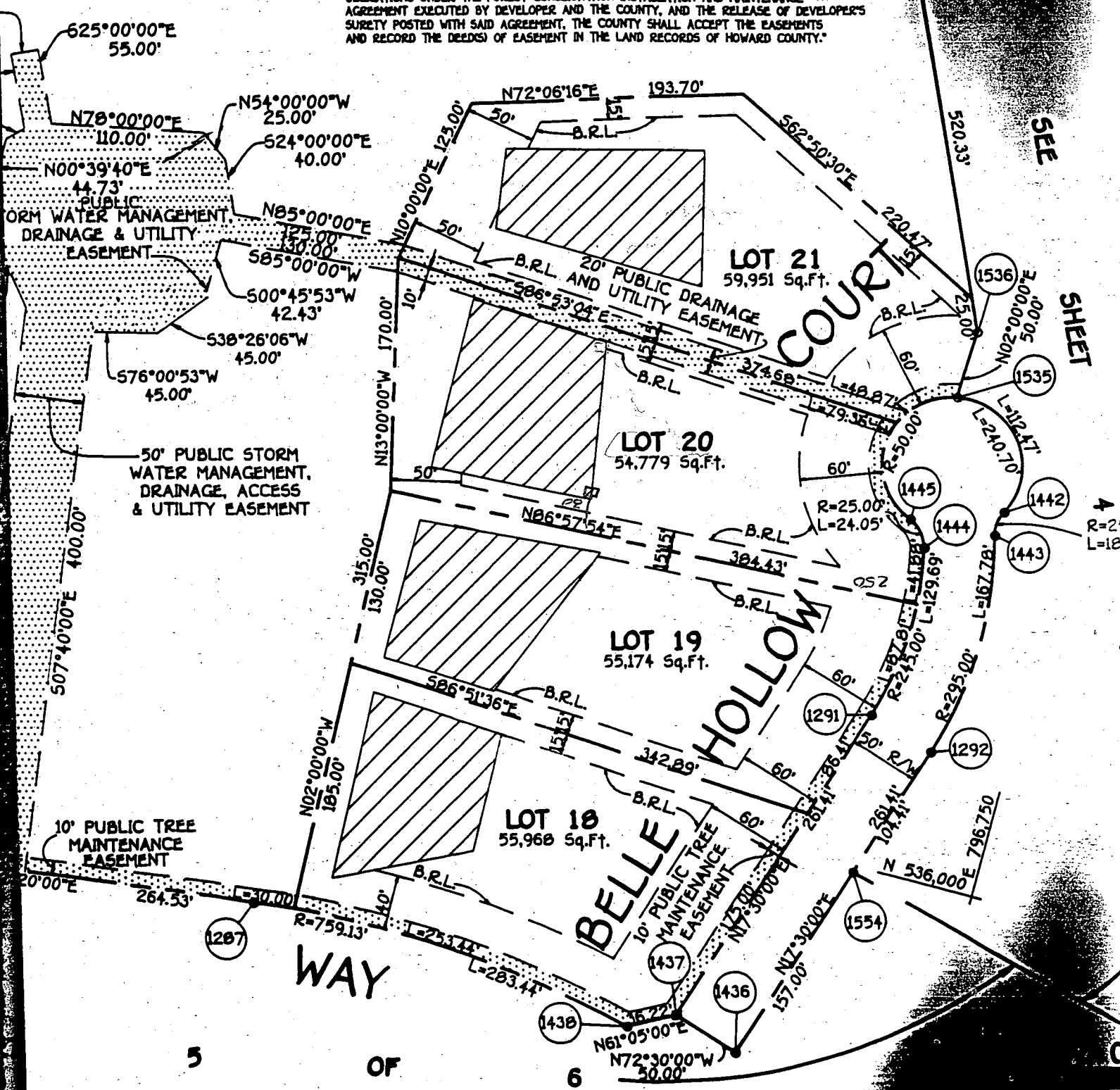
LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

Drilled on approved stake

NON-BUILDABLE
PRESERVATION
PARCEL "A"
(ENVIRONMENTAL PRESERVATION)

THIS SHEET = 16.572 AC.
AREA OF PARCEL "A", SEE SHEET 2
(OWNED AND MAINTAINED BY
OWNER'S ASSOCIATION)

RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS
 DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNEES, ALL RIGHTS AND EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREA"), LOCATED IN, ON, OVER AND THROUGH LOTS 18, 19 AND PARCELS A, B, C AND D. ANY CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEEDS CONVEYING SAID LOTS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND IN THE CASE OF THE FOREST CONSERVATION EASEMENTS, UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEEDS OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY."

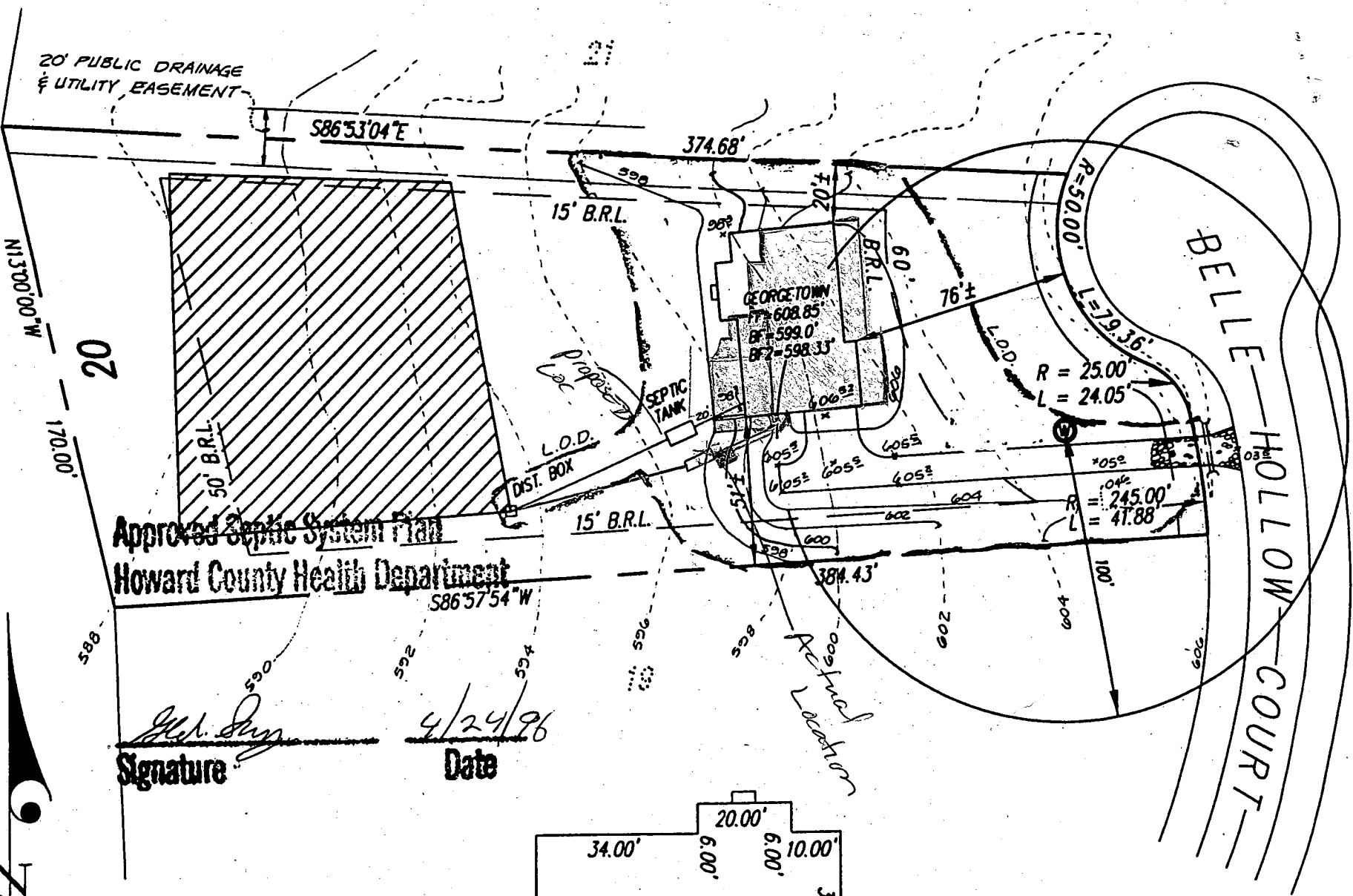


SEE SHEET

R=25
L=18

5 OF 6

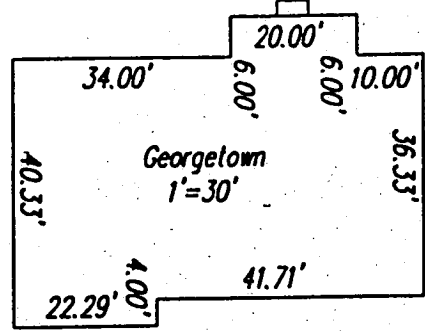
ENGINEER
SAL
ELL



Approved Septic System Plan
Howard County Health Department

[Signature]
Signature

4/24/96
Date



GWYN
 4th ELE
 M