

6/13/96 Needs house connection DIS

CO. 6/12/96 Noon
6/13/96 am & noon

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56622

A 48647

DISTRICT 4th

DATE 5/14/96

DATE SYSTEM APPROVED 7/8/96

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
313-2640

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Gwyndyl Oak Estates LOT 26 ROAD 2800 Belle Hollow Court

PROPERTY OWNER NV Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

OLD PERMIT SIGNED
AND RETURNED 8-14-97
Serial # 600107436 -
deck.

TRENCHES - Trench to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - 100 Place distribution box 445 feet up the left lot line (303.12) and 15 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(CW)

PLANS APPROVED BY Amy McMillen/Glen Savage DATE 3/27/96

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

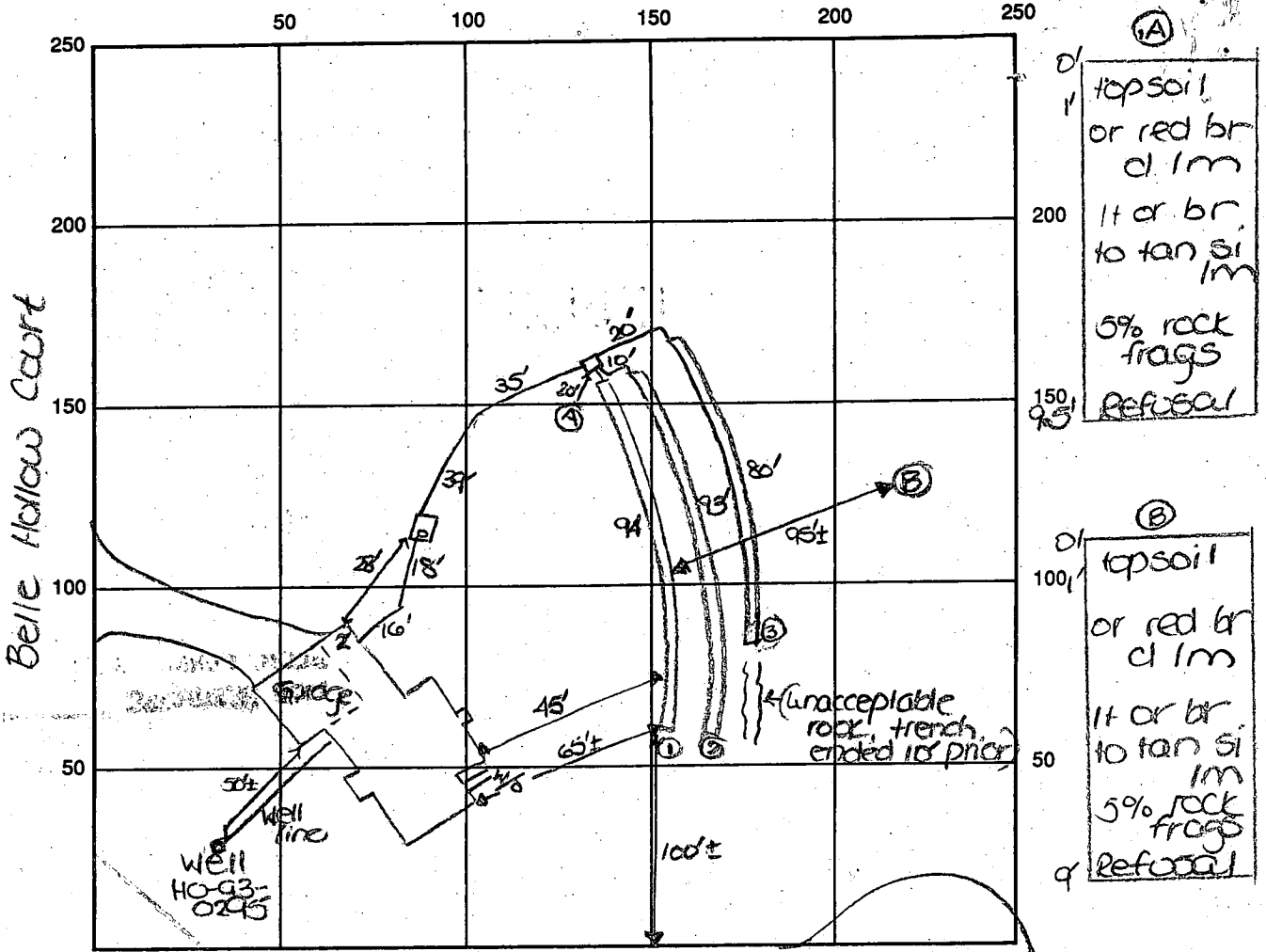
PERMIT VOID AFTER TWO YEARS

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

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

A 48647



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Rolling Fork Way

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on site

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 94' 80' 93' FT. → 267' total

NUMBER OF TRENCHES 3 ~~ONE SIDE ONLY~~ / BOTTOM AREA 801 SQ. FT.

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

ABSORBENT AREA 801 SQ. FT.

REMARKS: 6/12/96 Needs house connection. s.t. OK as set. Rock encountered at original location of d.b. septic area shifted down hill 35', see revised d.b. location. DKS

6/13/96 New d.b. location OK - continue work. DKS

6/13/96 p.m. OK to cover all work. * Needs house connection. DKS

6/12/96 well line 5' below grade. well casing 8" above grade. OK to cover.

DATE 7/8/96 SYSTEM APPROVED [Signature] INSPECTOR [Signature]

(* First 30' of well line off house was sleeved)

APPLICATION

PERCOLATION TESTING

A 48647

P _____

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

RECONFIGURED
FOR 1' ACAS
PREVIOUSLY A44254

DISTRICT _____

DATE 10-22-92

NEW LOCATION - NEW TESTS.

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.

ADDRESS 18205-D FLOWER HILL WAY PHONE (301) 975-1020
GAITHERSBURG MARYLAND 20879

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Mckendree estates LOT NO. 25 NEW 27 (26)

ROAD AND DESCRIPTION Mckendree Road (918793)

BLDG. PERMIT SIGNED
AND RETURNED 3-27-96
Serial # 63852

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. Fisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 11/17/92 OK But Lots lines must be changed R/H

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

48647

COUNTY #

DOC 26

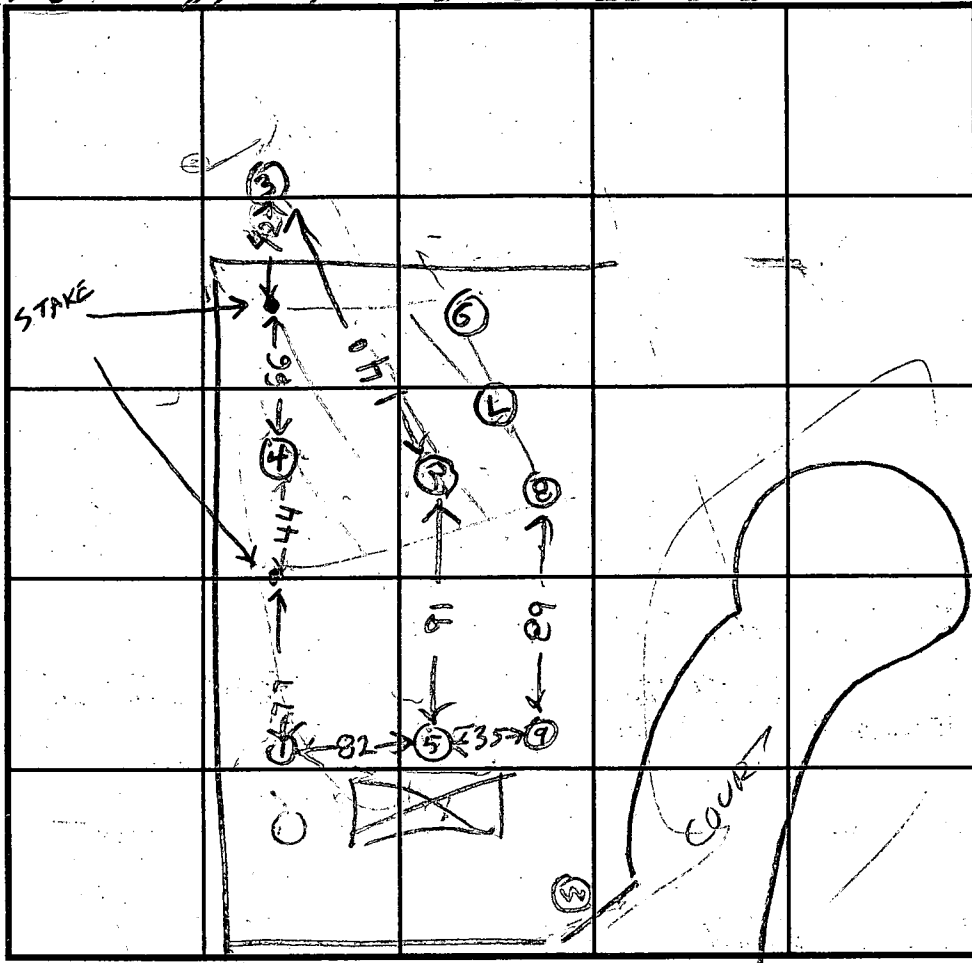
McKendree Estates

SOIL PROFILE

0' TOP SOIL CLAY
 3' RED GRAY & RED BROWN SAND LOAM
 11.5' HARD

SOIL PROFILE

0' TOP SOIL RED CLAY
 3' RED BROWN SAND LOAM
 5' GRAY & RED BROWN SAND LOAM MIXTURE
 9 1/2' HARD



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2' TOP SOIL CLAY
 2 1/2' RED BROWN & GRAY SAND LOAM
 FEW ROCKS
 9 1/2' HARD

0' TOP SOIL BROWN CLAY
 3' BROWN & GRAY SAND LOAM
 9' HARD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/17/92	1S	4	1131	1134	1137	1140	6
	1D	7.5	1131	1134	1137	1140	6
	1V	11.5	OK	SHALLOW			2
	2S	3	1138	1142	1142	1151	9
	2V	9.5	OK	SHALLOW			
	3S	3.5	1156	1159	1159	1202	5
	3V	11.5	OK				
	4V	9.5	OK	SHALLOW			
	5V	9	OK	SHALLOW			
	6V	2	ROCK	FAIL			
	7V	2	ROCK	FAIL			
	8V	2	ROCK	FAIL			
	9V	6	ROCK	PPV			

REMARKS 12/17/92 some holes passed & some failed Cherry bottom BH

TYPE OF SOIL _____
 TESTED BY _____ ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 TRENCH WIDTH 3
 INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM _____

115

EMERGENCY/TEMP NO. IF ANY

B 1 3683 SEQUENCE NO. (MDE USE ONLY)

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

STATE OF MARYLAND
PERMIT TO DRILL WELL

892-6881 please print or type

STATE PERMIT NUMBER

40-93-0295
70 fill in this form completely 79

Date Received (APA): 02 28 96

OWNER INFORMATION

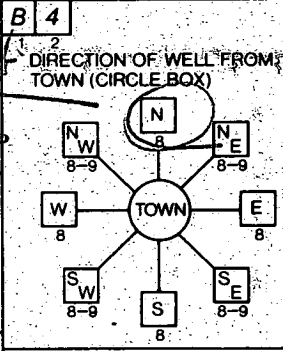
WHEELER DEV INC
18205 D BLOWER HILL
BATHWERSBURG MD 20879

B 3 LOCATION OF WELL

HOWARD COUNTY
SUNNYDALE OAK ESTATES
SECTION 44 46 LOT 216
GLENWOOD
MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION CIRCLE: MSD/MGD/(MWD)

DAVID KELLY 692-6981304
Jones Well Drilling Inc
3700 Rush Rd, Harrettsville
David Kelly 2-26-96



Belle Hollow Ct
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD ENTER FT OR MI FT

TAX MAP: 14 BLK: 11 PARCEL: 123

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 4

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 400

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A-48647 COUNTY NO.

STATE SIGNATURE DATE ISSUED 030596 3/5/97 EXP. DATE

NORTH GRID 536000 EAST GRID 797000

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 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

7967
536

Draw a sketch below showing location of well in relation to nearby towns and roads and give distance from well to nearest road junction

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

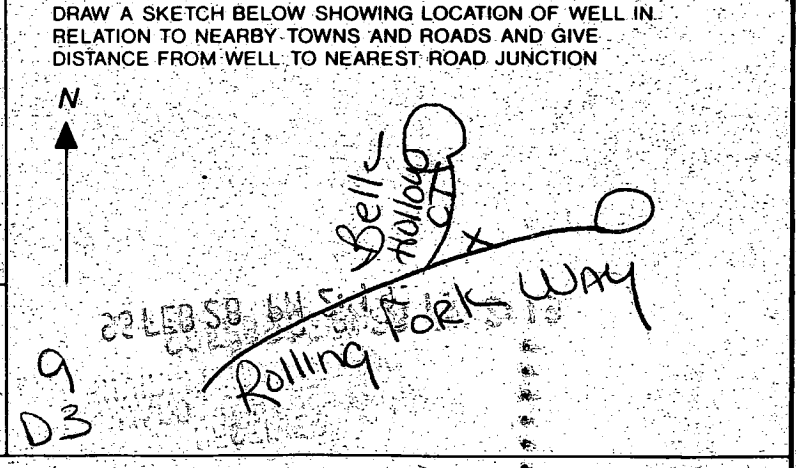
THIS WELL WILL DEEPEM AN EXISTING WELL

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

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE 65 WRITE INITIALS IN BOX PERMIT No. 40-93-0295



C1 0269

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-48647

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: 03 23 96

Depth of Well grid: 305

PERMIT NO. grid: 40-93-0295

OWNER: WHEELER DEV, INC. last name: BELLE HOLLOW CT. first name: TOWN: GLENWOOD. SUBDIVISION: GLENWOOD DAIRIES. SECTION: LOT: 36

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 soft tan dirt, hard tan/gray rock, med tan rock, hard gray rock, med hard tan rock, hard gray rock, med hard/hard tan, hard gray rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS: 5 NO. OF POUNDS: 500

GALLONS OF WATER: 30

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 20 ft.

CASING RECORD

MAIN CASING TYPE: PL Nominal diameter top (main) casing (nearest inch): 6 Total depth of main casing (nearest foot): 21

OTHER CASING (if used)

Table for other casing with columns for diameter inch and depth (feet) from to.

SCREEN RECORD

screen type or open hole: ST (STEEL), BR (BRASS BRONZE), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER: A (WELL ABANDONED AND SEALED), 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...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 304

DRILLERS SIGNATURE: David Kelly

LIC. NO. 509

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

DEPTH (nearest ft.) grid: 20, 305

Table for casing height with columns for depth (feet) from 8 to 51.

SLOT SIZE 1, 2, 3 DIAMETER OF SCREEN grid: 56, 60

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) grid: 3

PUMPING RATE (gal. per min.) grid: 4

METHOD USED TO MEASURE PUMPING RATE: timer

WATER LEVEL (distance from land surface)

BEFORE PUMPING grid: 27

WHEN PUMPING grid: 132

TYPE OF PUMP USED (for test)

Grid for pump types: A (air), P (piston), T (turbine), C (centrifugal), R (rotary), O (other), 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.

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

CAPACITY: GALLONS PER MINUTE (to nearest gallon) grid: 31-35

PUMP HORSEPOWER grid: 37-41

PUMP COLUMN LENGTH (nearest ft.) grid: 43-47

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE grid: 1 (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 stake Approved by County

BELLE HOLLOW COURT

MATCH LINE SEE SHEET 4 OF 6

3 OF 6

1467

1208
1207

N61°05'00"E
36.22'
L=283.44'
R=759.13'

LOT 26
59,543 Sq.Ft.

187.62'

N76°30'00"E
124.00'

N72°30'00"W
50.00'
L=484.75'

N58°30'00"E
41.10'
L=135.49'

PUBLIC 30' DRAINAGE AND UTILITY EASEMENT

PRESERVATION PARCEL "B" (AGRICULTURAL PRESERVATION) AREA THIS SHEET = 1.840 Ac. FOR TOTAL AREA OF PARCEL "B" SEE SHEET 6

LOT 31
47,457 Sq.Ft.

LOT 30
54,843 Sq.Ft.

LOT 29
54,664 Sq.Ft.

LOT 28
56,252 Sq.Ft.

LOT 27
62,107 Sq.Ft.

NON-BUILDABLE PRESERVATION PARCEL "C" (ENVIRONMENTAL PRESERVATION) AREA THIS SHEET = 22.787 Ac. FOR TOTAL AREA OF PARCEL "C" SEE SHEET 2 (OWNED AND MAINTAINED BY HOMEOWNER'S ASSOCIATION)

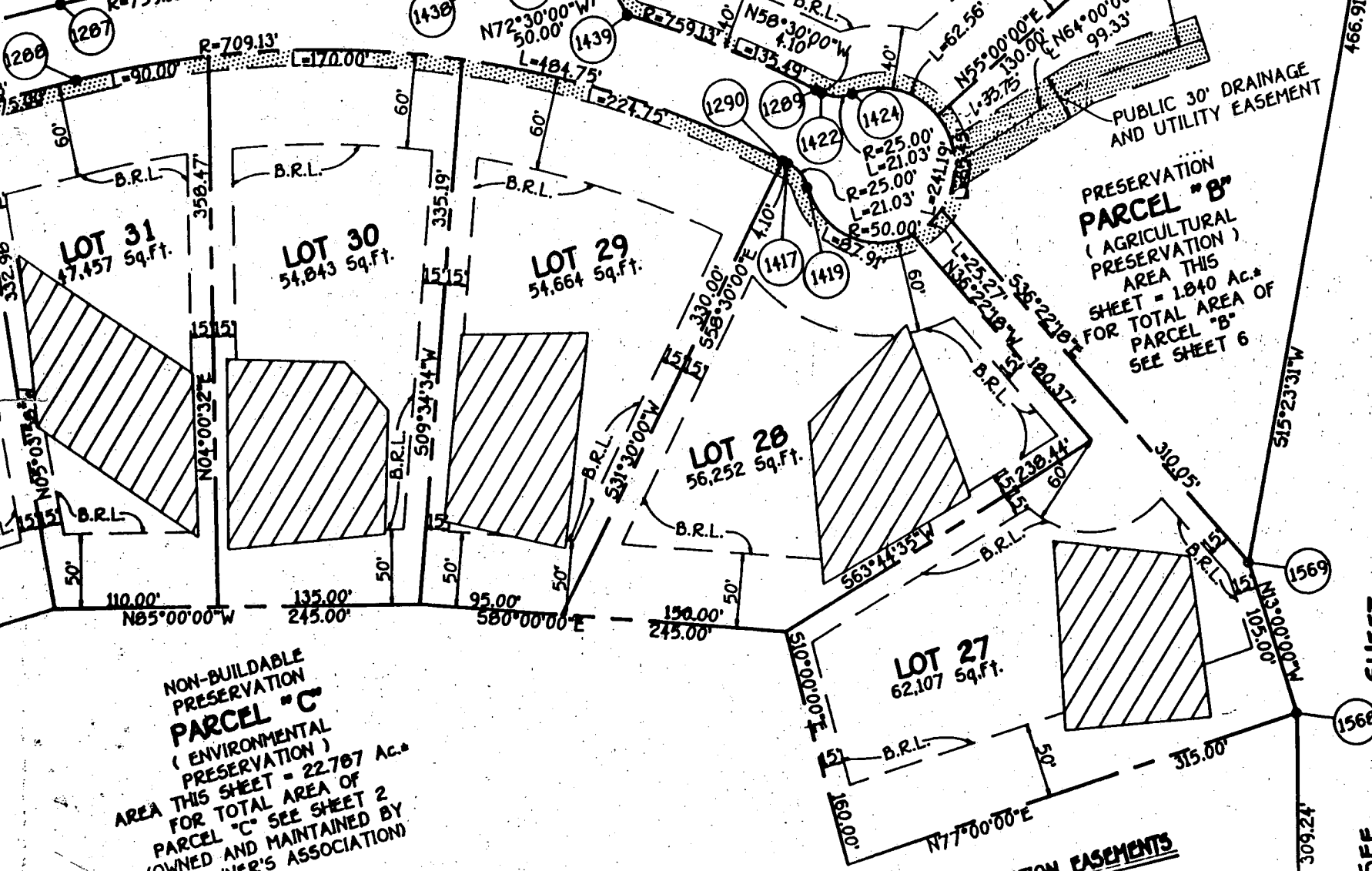
RESERVATION EASEMENTS

OF

6

SHEET

SEE

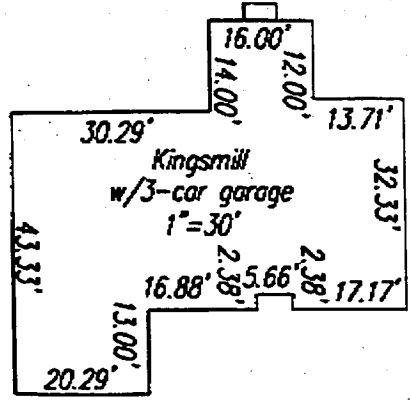
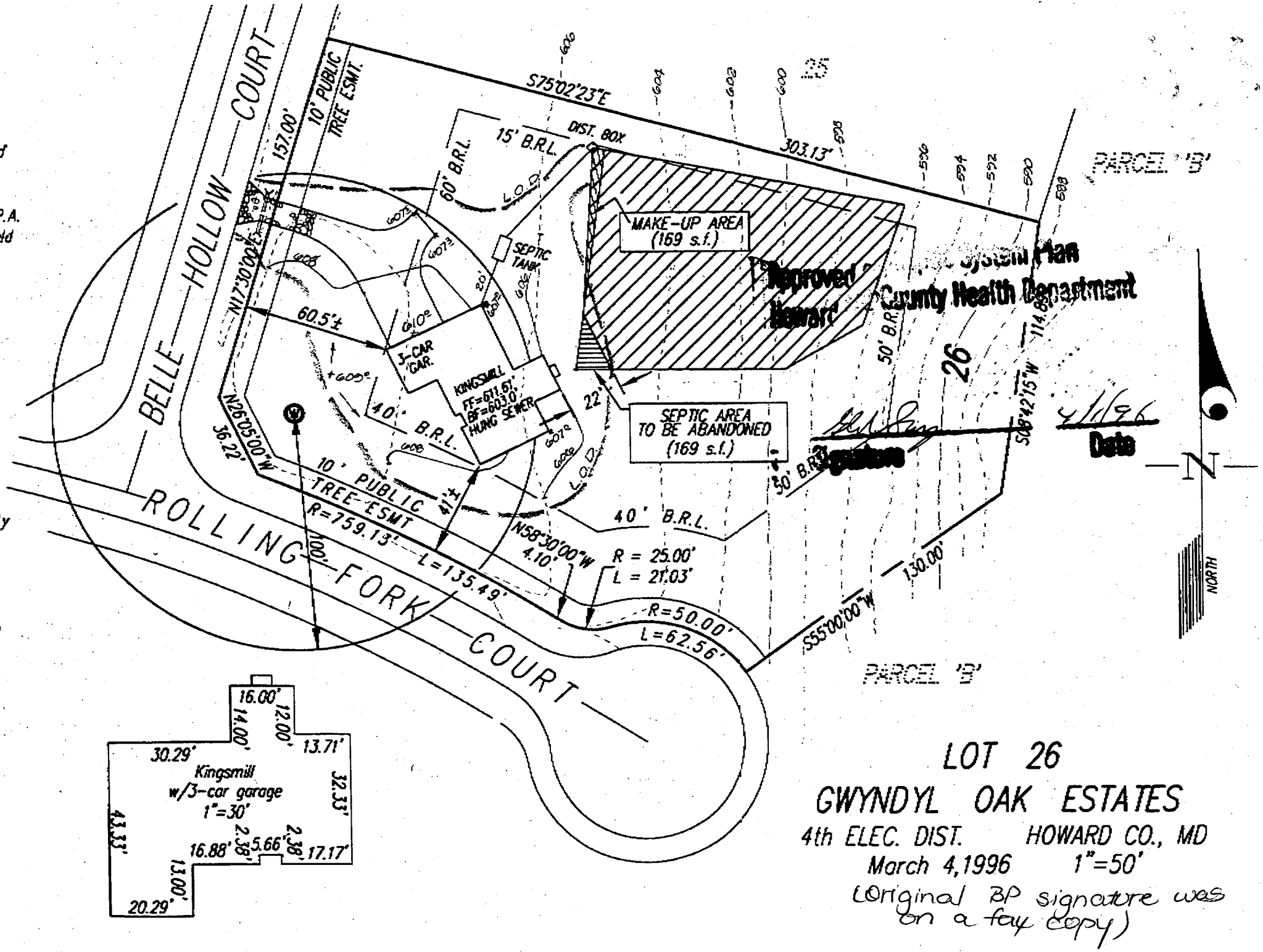


Notes:

1. Lot shown contains 59,543 s.f. of land and recorded at plat # 11552 among the Land Records of Howard County, Maryland.
2. Prepared by Gutschick, Little and Weber, P.A.
3. Grading around house may vary due to field conditions.
4. No construction stockpiling refuse or excess material shall be buried in septic easement.
5. Wells shown per SP-93-15.
6. Install sediment controls as required by Site Inspector. See Sediment Control Plan # GP-95-26.
7. Disturbed area shown is 15,750 s.f.
8. Pile excavated material on high side of trench when installing septic field prior to disposal of excess material.
9. Length of trench for septic system to be determined and specified by Howard County Department of Health.

SEPTIC SYSTEM DATA:

BASEMENT FLOOR AREA = 603.00'
 INV. OUT OF HOUSE = 606.90' HUNG SEWER
 INV. IN AT SEPTIC TANK = 606.50'
 INV. OUT AT SEPTIC TANK = 606.25'
 EX. ELEV. AT SEPTIC TANK = 606.5'±
 PROP. ELEV. AT SEPTIC TANK = 606.5'±
 INV. IN AT DIST. BOX = 602.3' 603.3'
 EX. ELEV. AT DIST. BOX = 605.3'±



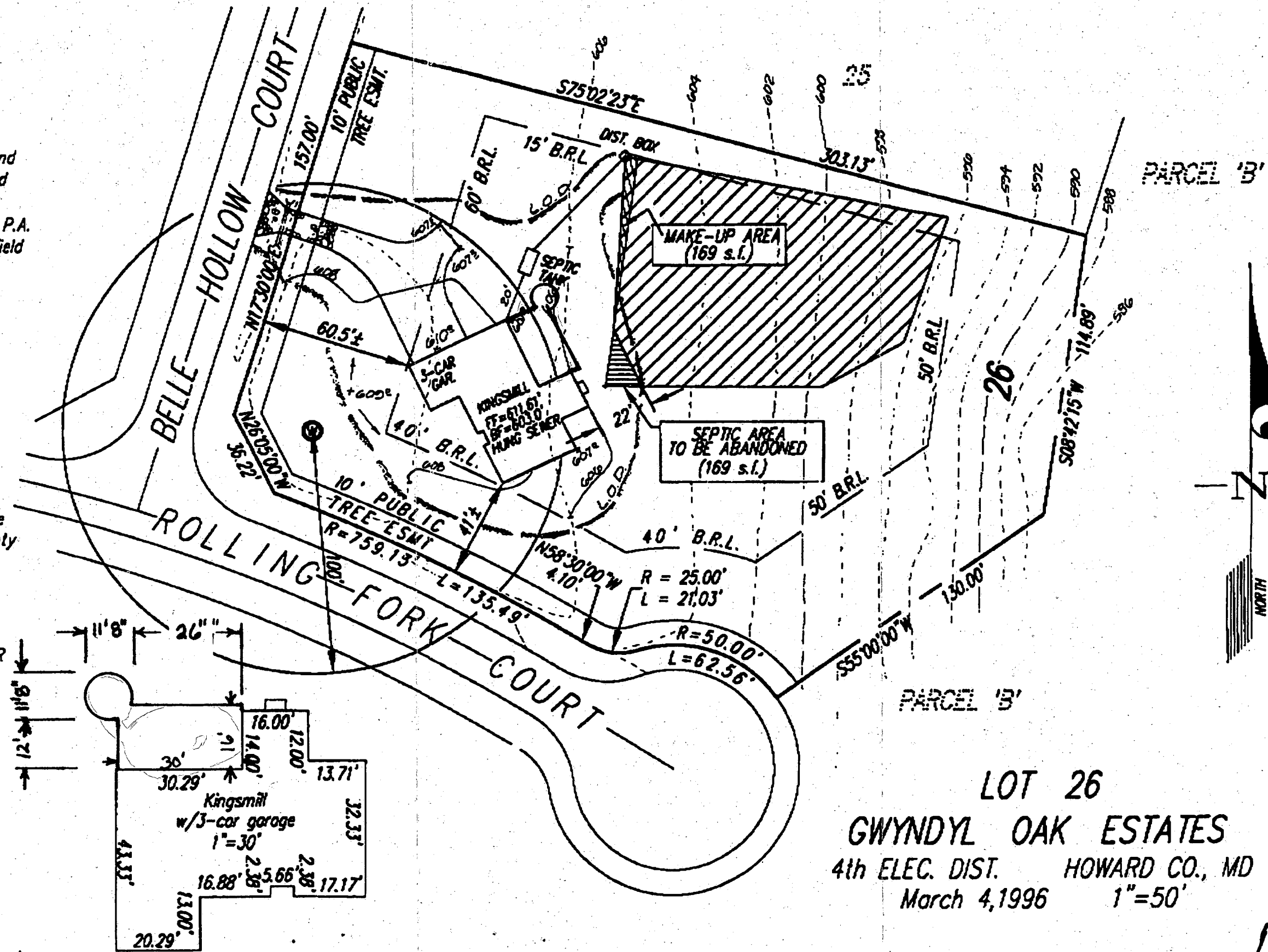
LOT 26
GWYNDYL OAK ESTATES
 4th ELEC. DIST. HOWARD CO., MD
 March 4, 1996 1"=50'
 (Original BP signature was on a fax copy)

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 EX. ELEV. AT DIST. BOX = 605.3'±



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