

9/12/97
CO #
WPE 2:00
-3:00
10/11/97
anytime
house conn
9/15/97
am & pm
10/2/97
House conn

9/15/97 Needs
house conn. OK

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58592A

A 48630

DISTRICT 4th

DATE 7-31-97

DATE SYSTEM APPROVED 10/2/97

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 313-2640

INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 410-875-4197

SUBDIVISION Gwyndyl Oak Estates LOT 1 ROAD 2801 Rolling Fork Way

PROPERTY OWNER NV Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

*** MANHOLE CLEANOUT REQUIRED ***

NUMBER OF BEDROOMS 4

BLDG. PERMIT SIGNED

AND RETURNED 12-3-97

Serial # B10108988 - dish

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 187

TRENCHES - Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 4.5 feet of stone below distribution pipe.

LOCATION - Place distribution box 165 feet down the right lot line (318.00') and 65 feet off that same lot line when facing the lot from Rolling Fork Way. 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 KM 6/13/97

PLANS APPROVED BY Amy McMillen/Kim Maiste

REVISED DATE 06/11/97

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

BLDG. PERMIT SIGNED

AND RETURNED 9-10-97

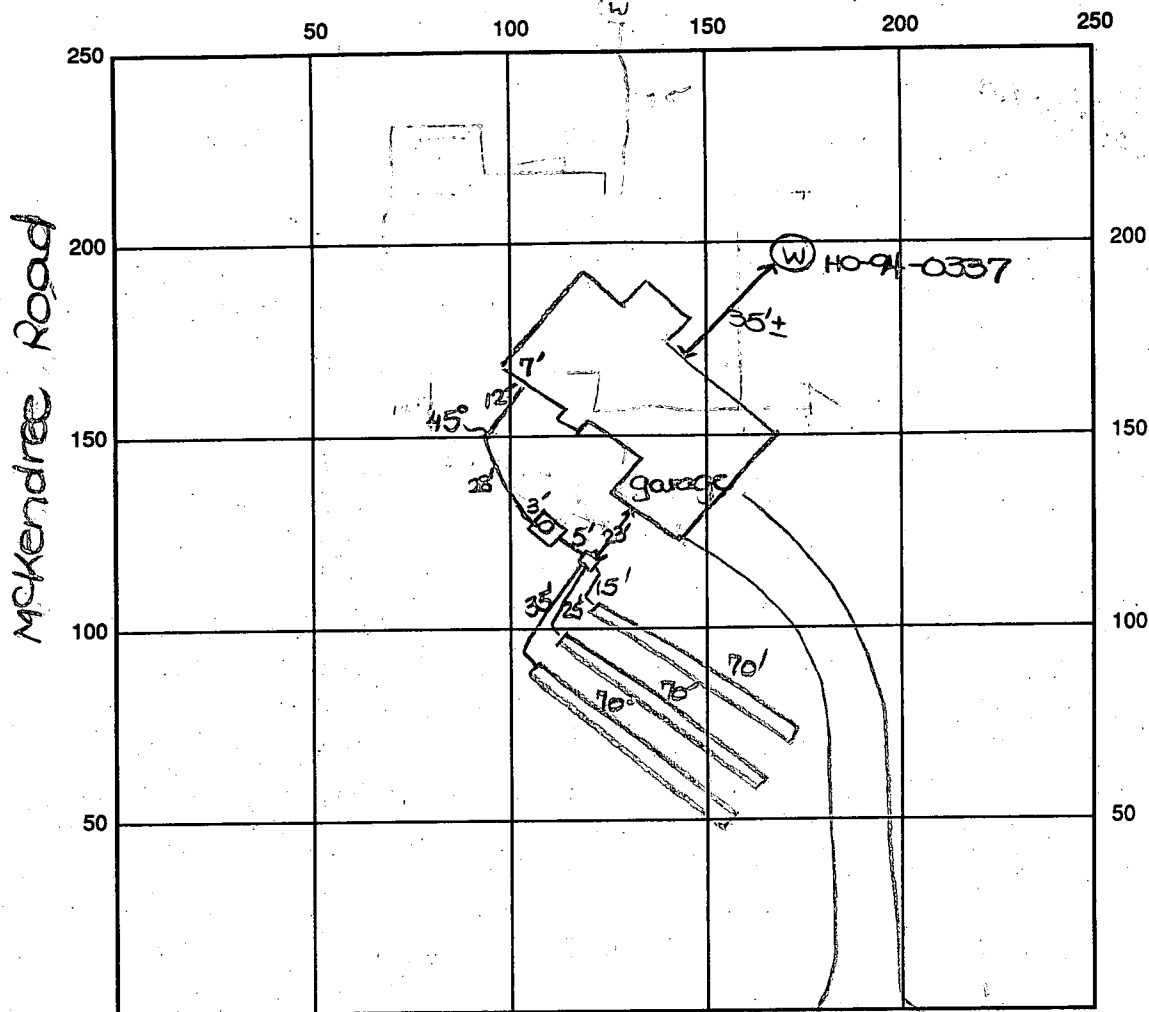
Serial # B10107828
proper land

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Rolling Fork Way

SEPTIC TANK LEVEL dk - 1250 gal CLEANOUTS manhole on s.t.

DISTRIBUTION BOX LEVEL ok

DRAIN FIELD/TITLE DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 4.5 FT. TOTAL LENGTH 3 x 70 FT. → 210'

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 945 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 9-12-97 TANK NOT SET, WRT OK 9/12 TANK SET NEEDS

MANHOLE TO GRADE NEEDS HOUSE CONNECTION

9/15/97 OK TO STONE TRENCHES AND CONTINUE. DKS

9/15/97 P.M. OK TO COVER WORK. NEEDS HOUSE CONNECTION
and ring for manhole. DKS 10/1/97 NO HOUSE CONN. DKS

10/2/97 House connection made ALM

DATE SYSTEM APPROVED 10/2/97

INSPECTOR Amy McMillen

APPLICATION

PERCOLATION TESTING

A 48630

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

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 LINES

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. NEW LOT 1

ROAD AND DESCRIPTION McKendree Road 2801 Rolling Fork Way 115193 311

TAX MAP 14 PARCEL # 123

SIZE OF LOT 40,000# - 60,000# TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED 1/5/95

Serial # 57698 Temporary saddle
SINGLE FAMILY DWELLING

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 11/13/92 - PERC OK Hold for Plat

REASONS FOR REJECTION OR HOLDING _____

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

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

BLDG. PERMIT SIGNED

AND RETURNED 6-12-92

Serial # 57698/106165

DATE _____

SFD - 4Bm

DATE _____

THIS IS NOT A PERMIT

1

SOIL PROFILE

TOP
SOIL
BROWN
CLAY

BEIGE
SAND
20PM

12 1/2

12

TOPSOIL
CLAY

312

BELG
SAND
LOAM

13

③

TOPSOIL
CLAY

BEING
SAND
LOAN

[illegible]

SOIL PROFILE

0

TOPSOIL
BROWN
CLAY

4

GRAYISH
BROWN
SAND
LODM

15

REMARKS Hole (1)(2)(3)(4) dug per stakes of survey on

TYPE OF SOIL

TESTED BY

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

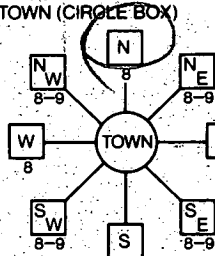
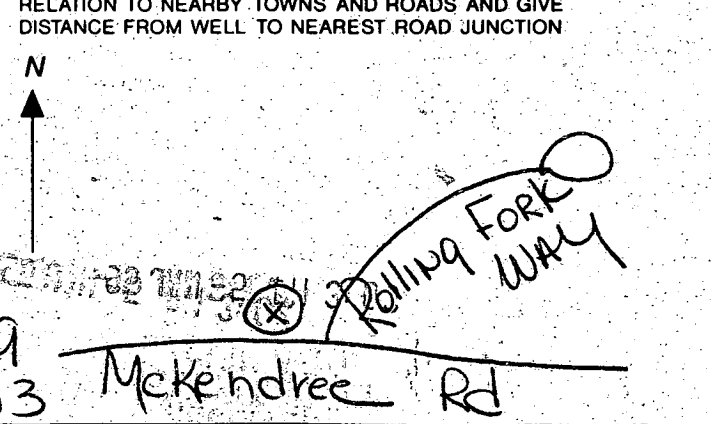
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

210

B 1 6782	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER H0-94-0337 fill in this form completely
Date Received (APA) 010595		B 3 LOCATION OF WELL	
OWNER INFORMATION Last Name First Name PETTIT D GRIFFIN INC Street or RFD 18265 D FLOWER HILL WAY Town State Zip GAITHERSBURG MD 20879		COUNTY HOWARD SUBDIVISION GWINDYL OAK ESTATES SECTION LOT 44 46 1 50 NEAREST TOWN GLENWOOD MILES FROM TOWN (enter 0 if in town) 2 MI	
DRILLER INFORMATION Driller's Name Dave Kelly Firm Name Jones Well Drilling Inc Address 3700 Rush Rd Jarrettsville Signature Date Dave Kelly 10-17-94		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL PER MIN.) 4 AVERAGE DAILY QUANTITY NEEDED (GAL PER DAY) 400		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) APPROX 300 DISTANCE FROM ROAD ENTER FT OR MI FT TAX MAP: _____ BLK: _____ PARCEL: _____	
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)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. A# 48630 STATE SIGNATURE _____ INSERT S _____ DATE ISSUED 031495 Charles Bryan Shuck 2/14/96 NORTH GRID 535000 EAST GRID 0796000	
APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. _____ 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE E 7905 N 5305	
METHOD OF DRILLING (circle one) BORED (or Augered) ☒ JETTED ☐ Jetted & DRIVEN AIR-ROTARY ☐ AIR-PERCussion ☒ ROTARY (Hydraulic Rotary) CABLE ☐ REVERSE-ROTARY ☐ Drive-POINT other _____		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 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 DEEPMEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____		Not to be filled in by driller (OEP USE ONLY) APPROX/ PERMIT NUMBER _____ FORCE ☒ WRITE INITIALS IN BOX PERMIT No. H0-94-0337	
SPECIAL CONDITIONS NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =			

C1 3532

SEQUENCE NO.
(DENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A # 48630

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

0 3 1 5 9 5

22 1 4 0 26
(TO NEAREST FOOT)H 0 - 9 9 - 0 3 3 7
28 29 30 31 32 33 34 35 36 37OWNER PETTIT + GRIFFIN INC.
STREET OR RFD last name ROLLING FORK WAY first name GLENWOOD TOWN
SUBDIVISION GWYN DYLL OAK EST. SECTION 1 LOT 1

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed) FEET
FROM TO Check
if water
bearing

soft brown dirt	0	31	
hard tan/gray rock	31	53	
med/med hard tan rock	53	55	X
hard gray rock	55	82	
med/med hard tan rock	82	84	
hard gray rock	84	105	
med hard tan rock	105	129	X
hard gray rock	129	140	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes ☒ Y ☐ N no
44 44

TYPE OF GROUTING MATERIAL

CEMENT ☒ CM BENTONITE CLAY ☐ BC
45 46 45 46NO. OF BAGS 10 NO. OF POUNDS 1000GALLONS OF WATER 60

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 3 9 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

☒ ST	☐ CO
STEEL	CONCRETE
☐ PL	☐ OT
PLASTIC	OTHER

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

☐ P	☐ L	<u>6</u>	<u>4 0</u>
60 61	63 64	66 67	70

OTHER CASING (if used)

diameter depth (feet)
inch from toE
A
C
H
C
A
S
I
N
Gscreen type
or open hole
insert
appropriate
code
below

SCREEN RECORD

☒ ST	☐ BR	☐ HO
STEEL	BRASS	OPEN
☐ PL	☐ OT	☐ HOLE
PLASTIC	OTHER	

C2

1 2 DEPTH (nearest ft.)

H 0	<u>3 9</u>	<u>1 4 0</u>
8 9	11 15	17 21
23 24	26 30	32 36
38 39	41 45	47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

W Q

70

72

74 75 76

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3PUMPING RATE (gal. per min. to nearest gal.) 1 2METHOD USED TO MEASURE PUMPING RATE timer

WATER LEVEL (distance from land surface)

BEFORE PUMPING 1 6WHEN PUMPING 1 7

TYPE OF PUMP USED (for test)

☒ A air	☐ P piston	☐ T turbine
27	27	27
☐ C centrifugal	☐ R rotary	☐ O other (describe below)
27	27	27
☐ J jet	☒ S submersible	
27	27	

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: 29CAPACITY:
GALLONS PER MINUTE
(to nearest gallon) 31 35PUMP HORSE POWER 37 41PUMP COLUMN LENGTH
(nearest ft.) 43 47CASING HEIGHT (circle appropriate box
and enter casing height)

☒ above	LAND SURFACE
☐ below	<u>1</u> (nearest foot)
49	50 51

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).

20' RPL

40' Rear PL

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY
WHERE SATURATED FRACTURES WERE OBSERVED.WELL HYDROFRACTURED yes ☒ Y no ☐ N

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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.DRILLERS IDENT. NO. 304DRILLERS SIGNATURE David Kelly
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

COUNTY

Approved Septic System Plan Howard County Health Department

Notes:

1. Lot shown contains 42,453 s.f. of land and recorded at plat # 11549 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.
7. Disturbed area shown is 14,000 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 = 611.0'/610.33'
 INV. OUT OF HOUSE = 611.70' HUNG SEWER
 INV. IN AT SEPTIC TANK = 611.35'
 INV. OUT AT SEPTIC TANK = 611.10'
 EX. ELEV. AT SEPTIC TANK = 615.0'±
 PROP. ELEV. AT SEPTIC TANK = 616.0'±
 INV. IN AT DIST. BOX = 611.00'
 EX. ELEV. AT DIST. BOX = 615.0'

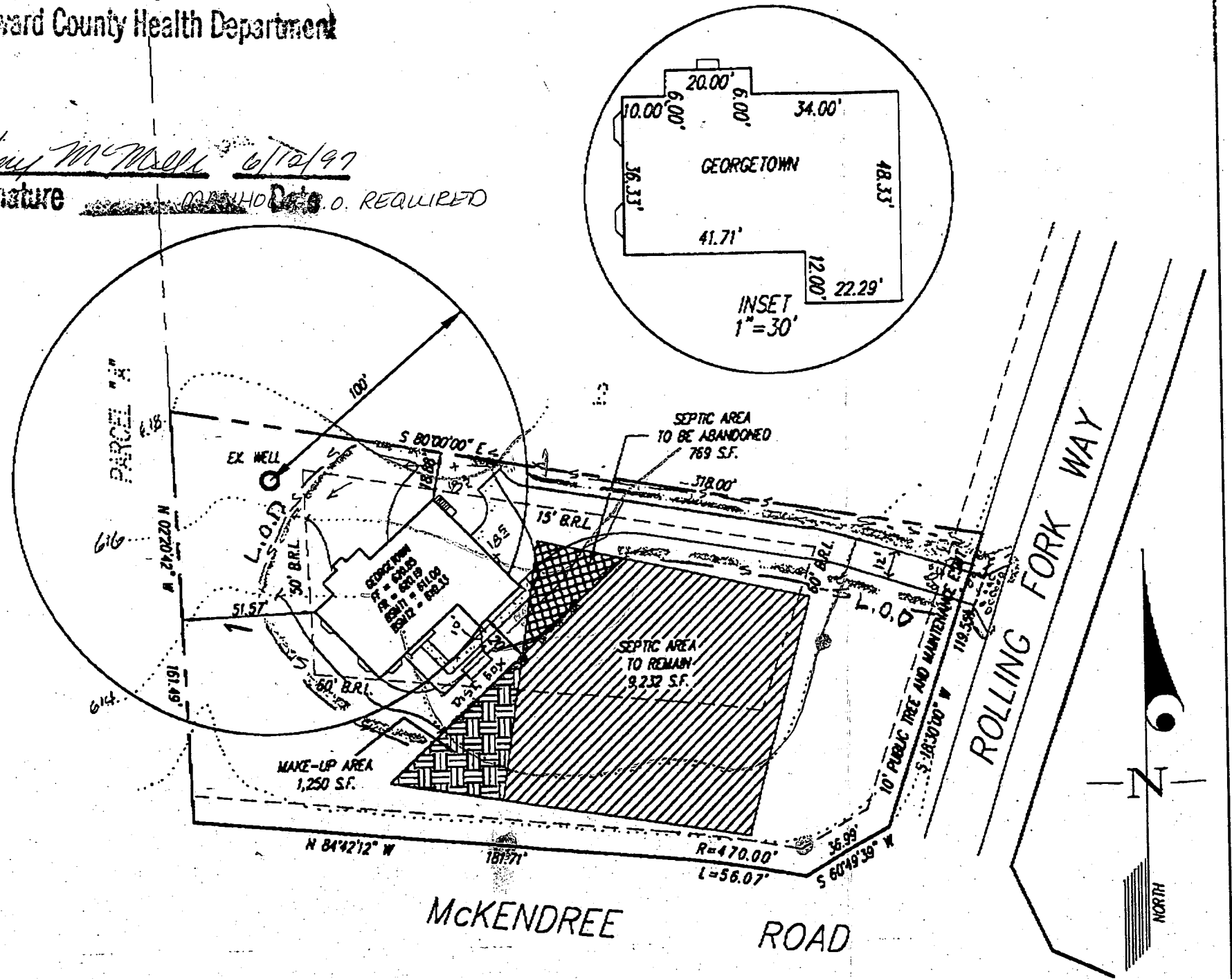
LOT 1

GWYNDYL OAK ESTATES

4th ELEC. DIST. HOWARD CO., MD

MAY 28, 1997 1"=50'

Amy M. McCall 6/12/97
 Signature Date
 MANHOLES REQUIRED



LOT 3
N MEADOWS
LAT 10 30 34
ED RC - DED.

LAND DEDICATED TO HOWARD
COUNTY, MARYLAND FOR THE
PURPOSE OF A PUBLIC ROAD

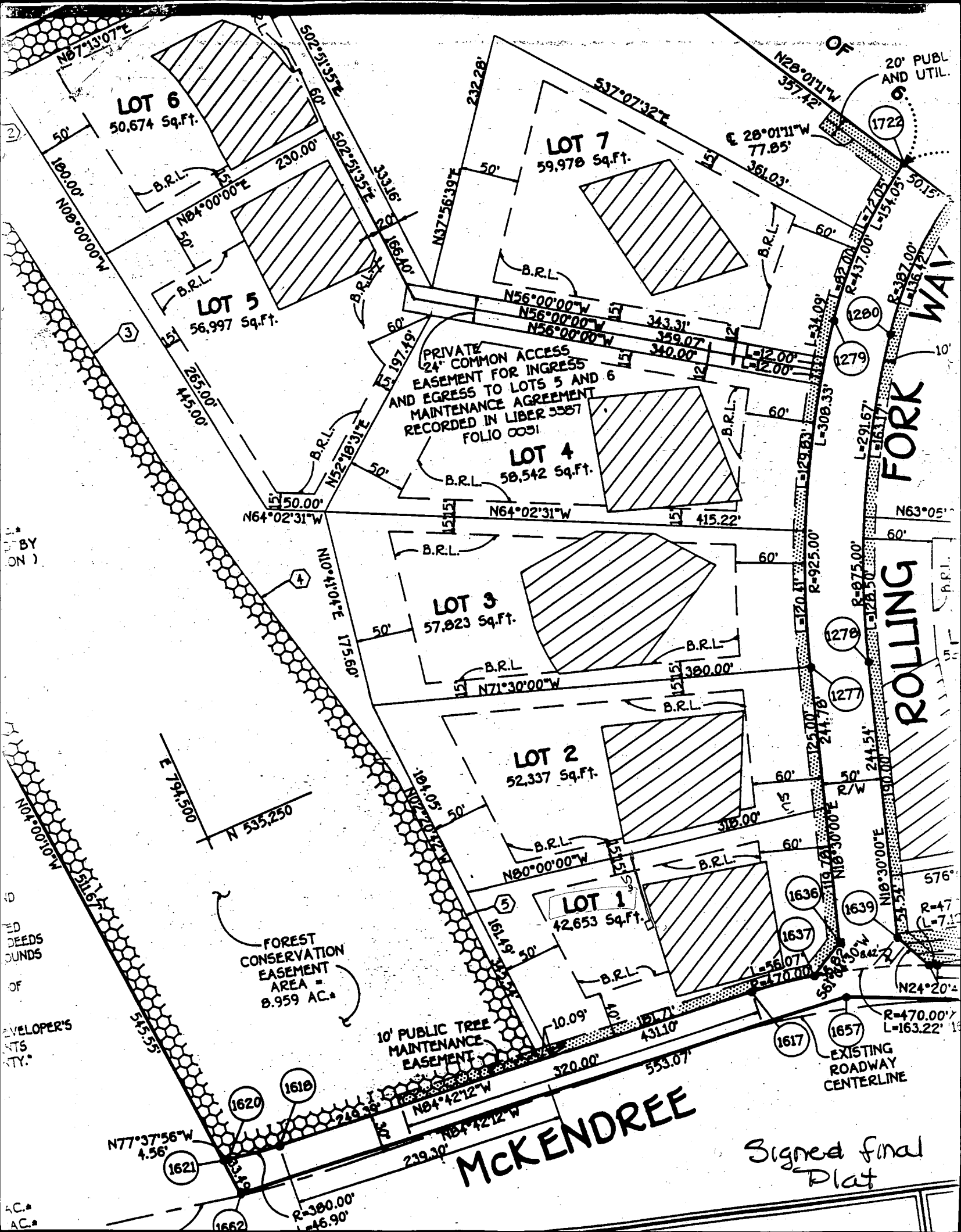
Preliminary Plan
• SP 93-15

ROAD

(MINOR COLLECTOR)

LAND DEDICATED TO HOWARD
COUNTY MARYLAND FOR THE
PURPOSE OF A PUBLIC ROAD.

PT. STA. 8+00



LOT 6
50,674 Sq.Ft.

LOT 5
56,997 Sq.Ft.

LOT 7
59,978 Sq.Ft.

LOT 4
58,542 Sq.Ft.

LOT 3
57,823 Sq.Ft.

LOT 2
52,337 Sq.Ft.

LOT 1
42,653 Sq.Ft.

PRIVATE
24' COMMON ACCESS
EASEMENT FOR INGRESS
AND EGRESS TO LOTS 5 AND 6
MAINTENANCE AGREEMENT
RECORDED IN LIBER 3387
FOLIO 0031

FOREST
CONSERVATION
EASEMENT
AREA =
8.959 AC.

10' PUBLIC TREE
MAINTENANCE
EASEMENT

MCKENDREE

**ROLLING
FORK
WAY**

Signed final
Plat

BY
()

DEEDS
BOUNDS

DEVELOPER'S
PLATS
NTY.

AC.
AC.

Notes

1. Lot shown as recorded at Records of the
2. Prepared by
3. Grading and conditions
4. No construct excess material easement.
5. Heir shown
6. Install septic Site Inspector
7. Disturbed or
8. Pit 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:

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 EX. ELEV. AT SEPTIC TANK = 515.0'
 PROP. ELEV. AT SEPTIC TANK = 516.0'
 INV. IN AT DIST. BOX = 511.00'
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McKendree Estates 2801

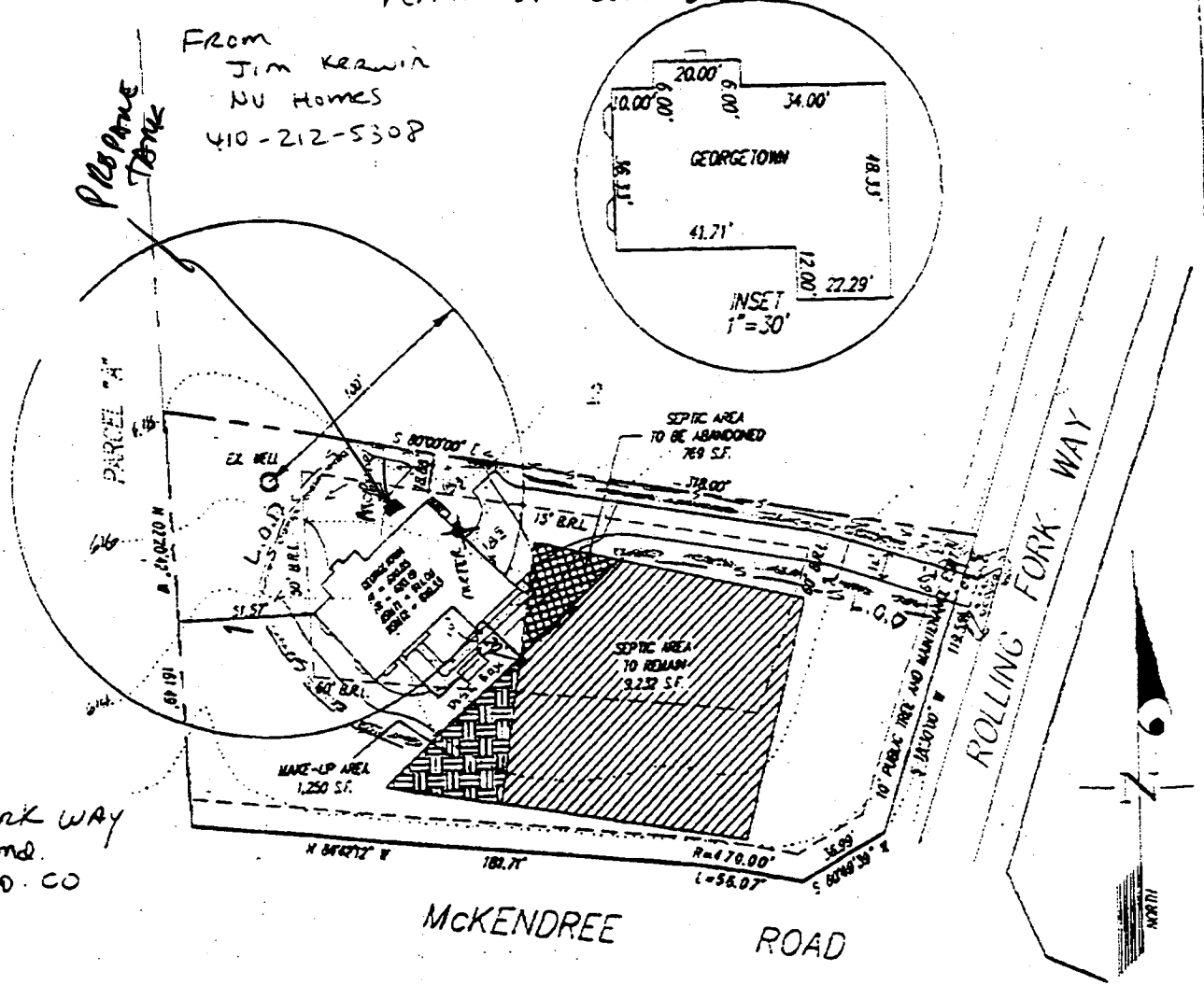
LOT 1 Rolling Fork Way
 Glenwood Md.

GWYNDA L OAK ESTATES HO. CO

4th ELEC. DIST. HOWARD CO., MD
 MAY 28, 1997 1"=50'

Permit # B001006165

From
 Jim Krawin
 NU Homes
 410-212-5308



9/10/97

Shown location of the
 propane tank will have
 no impact to the existing
 well or septic. OK to proceed.

A McMiller

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[illegible]