

11-7-96  
WPC ANYTIME  
11/20/96  
11/21/96  
10:30 P. Lates

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XX 461-9933 313-2640

P 57259A

A 48649

DISTRICT 4th

DATE 9/5/96

DATE SYSTEM APPROVED 11/21/96

INSPECTOR DKS

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Gwyndyl Oak Estates LOT 29 ROAD 2856 Rolling Fork Way

PROPERTY OWNER NV Homes / Elias Rymingham

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 9-24-97**

*Serial # Bro 10 8080*

*check & scanned good*

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 150 feet up the left lot line (330.00') 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. 8/30/96 OK ALM

PLANS APPROVED BY Donna K. Soe/Amy McMillen

DATE 08/20/96

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

**BLDG. PERMIT SIGNED**

**AND RETURNED 11/19/96**

*Serial # Bro 10 5057  
Instal 1-570 gal unlined propane tank*

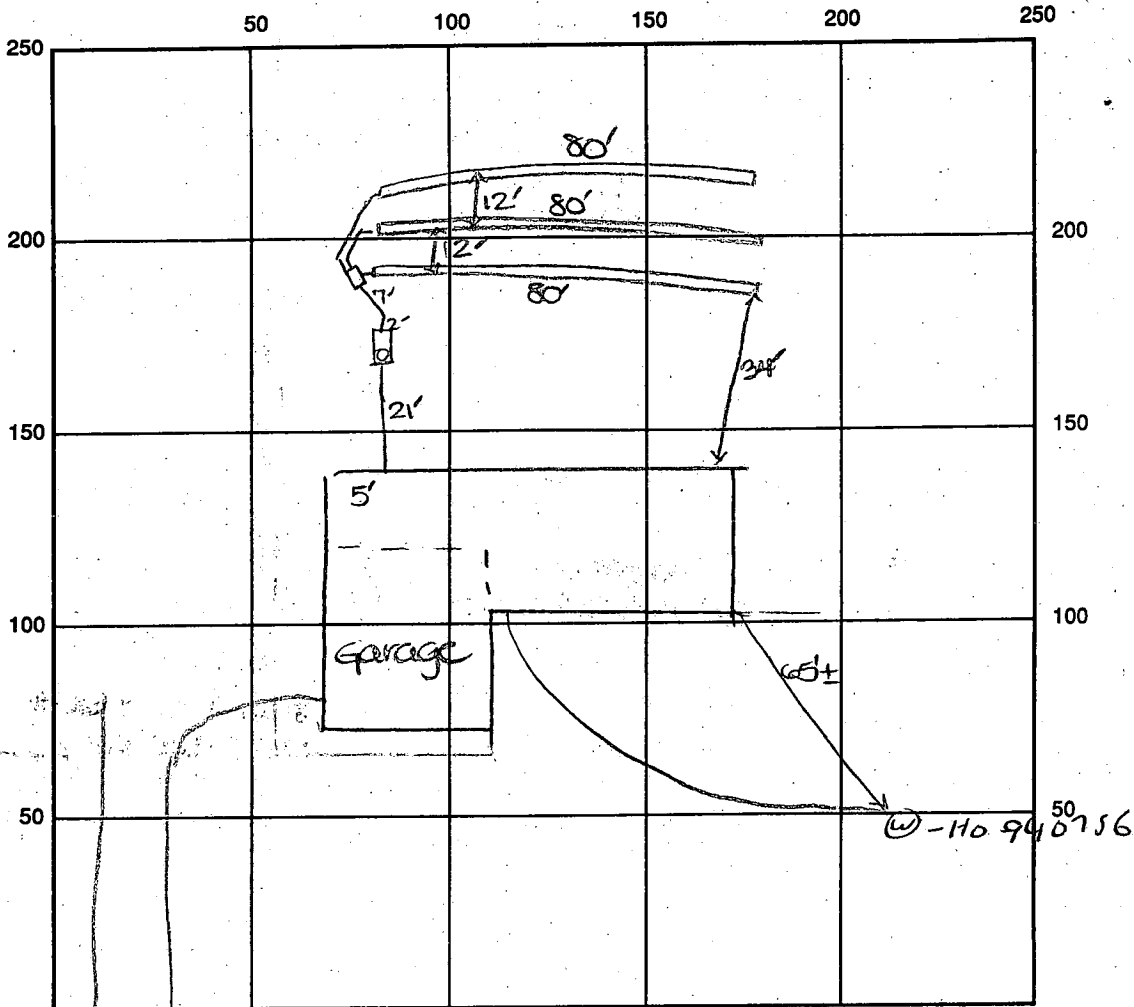
PERMIT VOID AFTER TWO YEARS

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 48649



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 ROLLING FORK WAY

SEPTIC TANK LEVEL OK - 1500 gal CLEANOUTS one on site

DISTRIBUTION BOX LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3x80 FT. → 240'

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

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS: 11-1-96 WPE ok

11/20/96 OK TO CONTINUE WORK. RP

11/21/96 FINAL INSP - OK TO COVER WORK AS COMPLETED.  
SUFFICIENT MATERIALS AT SITE. DKS

DATE SYSTEM APPROVED 11/21/96 INSPECTOR Dona K. [Signature]

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 48649**

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

ST/CO USE ONLY  
DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

8 [ ] [ ] [ ] [ ] 13

15 **050796** 20

22 **300** 26  
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37  
**H0-94-0756**

OWNER **Pettit & Griffin**  
STREET OR RFD **2856 Rolling Fork Hwy** first name TOWN **Glenwood**  
SUBDIVISION **Guyard Oaks Estates** SECTION **C 3** LOT **29**

WELL LOG  
Not required for driven wells

STATE THE KIND OF FORMATIONS  
PENETRATED, THEIR COLOR, DEPTH,  
THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
dirt	0	6	
soft brown rock	6	15	
hard gray rock	15	31	
med hard brown rock	31	32	
hard gray rock	32	35	
broken rock	35	37	X
hard gray rock	37	42	
med hard brown rock	42	43	X
hard gray rock	43	82	
med hard gray rock	82	88	
hard light gray rock	88	149	
med hard gray rock	149	155	X
hard gray rock	155	211	
hard tan rock	211	216	X
hard gray rock	216	300	

GROUTING RECORD  
WELL HAS BEEN GROUTED. (Circle Appropriate Box) **Y** **N**

TYPE OF GROUTING MATERIAL (Circle one)  
CEMENT **CM** BENTONITE CLAY **BC**  
NO. OF BAGS **0** NO. OF POUNDS **600**  
GALLONS OF WATER **36**  
DEPTH OF GROUT SEAL (to nearest foot)  
from **0** ft. to **21** ft.  
(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)  
**PL** **6** **22**

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

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

NUMBER OF UNSUCCESSFUL WELLS: **0**  
WELL HYDROFRACTURED **Y** **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 PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

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

DRILLERS SIGNATURE **David Kelly**  
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. **JWD075**

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

DEPTH (nearest ft.)  
**ST** **30** **51**  
**HO** **51** **300**

SLOT SIZE 1 **.025** 2 3  
DIAMETER OF SCREEN **5** (NEAREST INCH)

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  
**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.) **12**

METHOD USED TO MEASURE PUMPING RATE **timer**  
WATER LEVEL (distance from land surface)

BEFORE PUMPING **35** ft.

WHEN PUMPING **115** ft.

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**

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) **31** **35**

PUMP HORSE POWER **37** **41**

PUMP COLUMN LENGTH (nearest ft.) **43** **47**

CASING HEIGHT (circle appropriate box and enter casing height)  
**+** above **LAND SURFACE**  
**-** below **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)

Well drilled on approved stake

# APPLICATION

PERCOLATION TESTING

A 48649

P \_\_\_\_\_

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

*ACQUISITION*  
*NOV 13 1992*

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 18205-D FLOWER HILL WAY PHONE (301) 475-1020  
GAITHERSBURG MARYLAND 20879

410-721-4703

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION Mckendree estates LOT NO. 28 NEW 30

29

ROAD AND DESCRIPTION 2856 Mckendree Road (9117193)

BLDG. PERMIT SIGNED  
AND RETURNED 8/20/92  
SEAL # B7010103  
SFD-4Bm

TAX MAP 14 PARCEL # 123

SIZE OF LOT 40,000# - 60,000# 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. Zacharia y. Fisch (agent)  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 11/12/92 PERC OK HOLD FOR PLAT

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

48649 WT 20

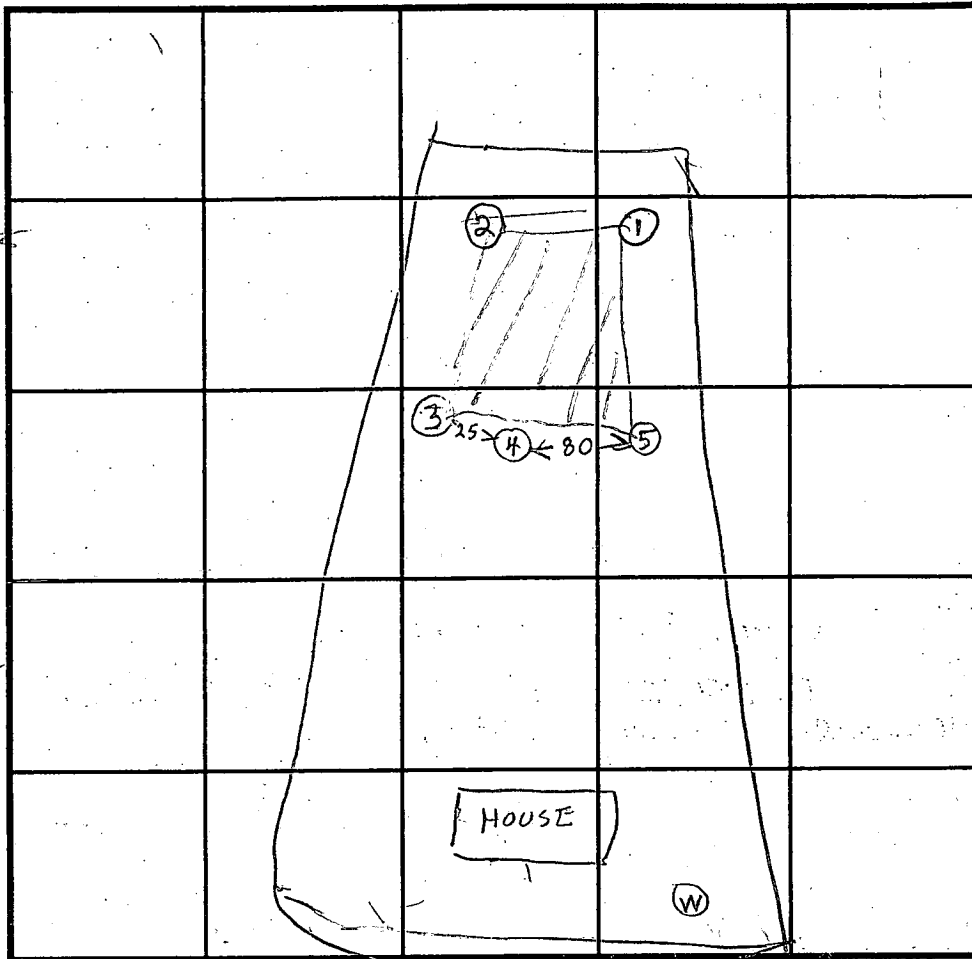
COUNTY #

SOIL PROFILE

0' (1)  
 TOPSOIL  
 CLAY  
 RUST & GRAY SAND LOAM  
 9.5 ROCK OUT

(2)  
 TOPSOIL CLAY  
 RUST & BROWN SAND LOAM

(4)  
 TOPSOIL RED CLAY  
 RUST SAND LOAM  
 OLIVE BROWN SAND LOAM



SOIL PROFILE

0' (5)  
 TOPSOIL RED CLAY  
 RUST & OLIVE BROWN SAND LOAM  
 9

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROAD A

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/12/92	1V	2.5	137	138	138	139	1
	1V	9.5	OK SHALLOW				
11/12/92	2V	3.5	241	243	243	245	2
	2V	9	OK SHALLOW				
	3V	7 1/2	ROCK - FAIL				
	4D	8	149	150	150	154	4
	4S	3.5	150	153	153	157	4
	4V	13	OK OK SHALLOW				
11/14/92	5V	9	OK OK SHALLOW				

REMARKS Holes (1)(2)(3)(5) Dug Per Plat Hole (4) dug differently

TYPE OF SOIL

TESTED BY RHODGES

ALSO PRESENT HUGH FOKETORMAN JR

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

3

TRENCH WIDTH

3

INLET DEPTH

3

MAXIMUM BOTTOM DEPTH

5

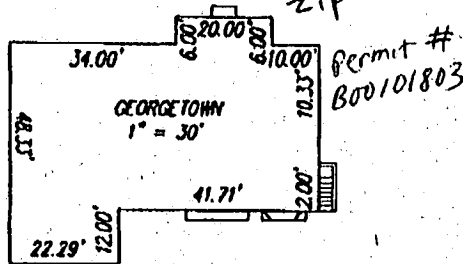
SQ. FT./BEDROOM

180

B

LOT 29  
 GWYNDYL OAK ESTATES  
 4th ELEC. DIST. HOWARD CO., MD  
 AUGUST 09, 1996 1"=50'

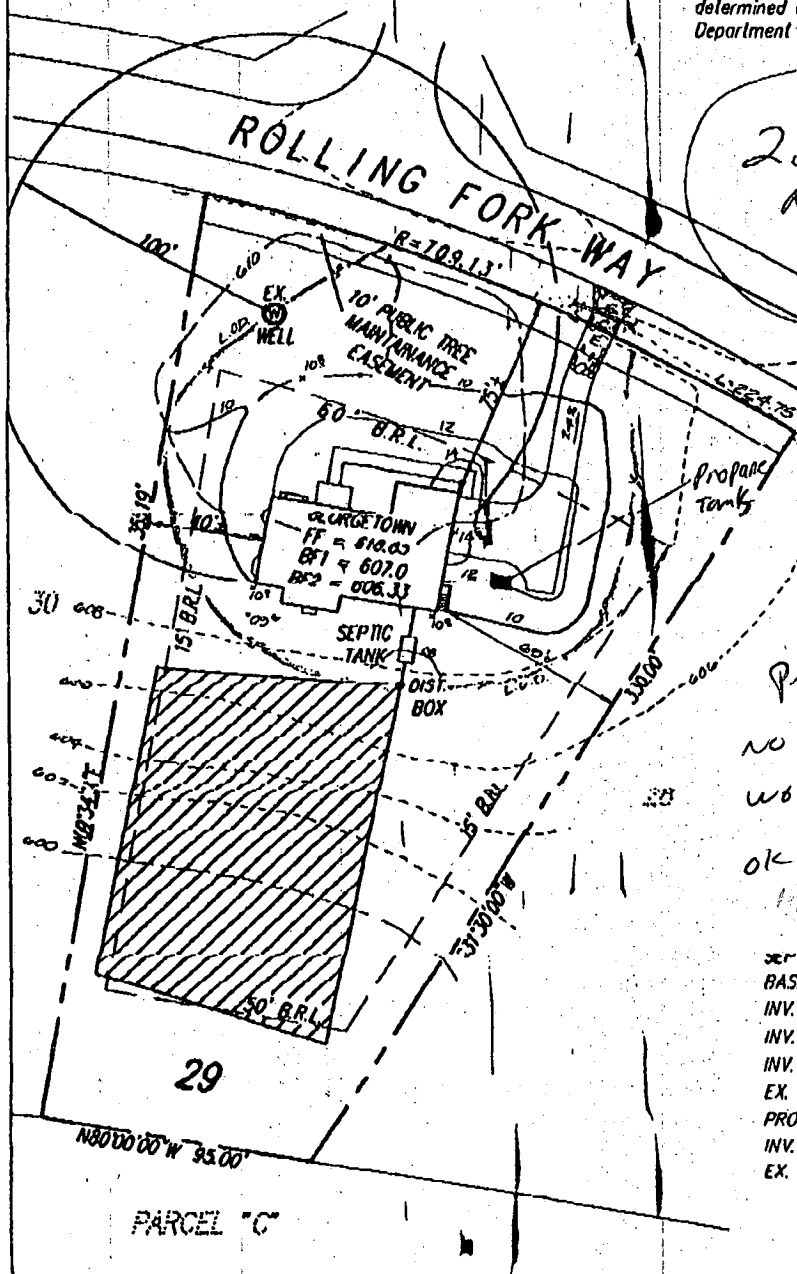
2856  
 Rolling Fork Way  
 zip 21738



Notes:

1. Lot shown contains 54,664 s.f. of land and recorded at plot # 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 # CP-95-26.
7. Disturbed area shown is 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.

2856  
 Rolling Fork



PROPANE TANK  
 NO IMPACT TO  
 WORK OF SEPTIC  
 OK TO PROCEED  
 11/19/96  
 [Signature]

SEPTIC SYSTEM DATA  
 BASEMENT FLOOR AREA = 606.0'/605.33'  
 INV. OUT OF HOUSE = 606.95' HUNG SEWER  
 INV. IN AT SEPTIC TANK = 606.45'  
 INV. OUT AT SEPTIC TANK = 606.20'  
 EX. ELEV. AT SEPTIC TANK = 608.3'±  
 PROP. ELEV. AT SEPTIC TANK = 608.0'  
 INV. IN AT DIST. BOX = 604.70'  
 EX. ELEV. AT DIST. BOX = 607.7'±

PARCEL "C"

**LOT 29**

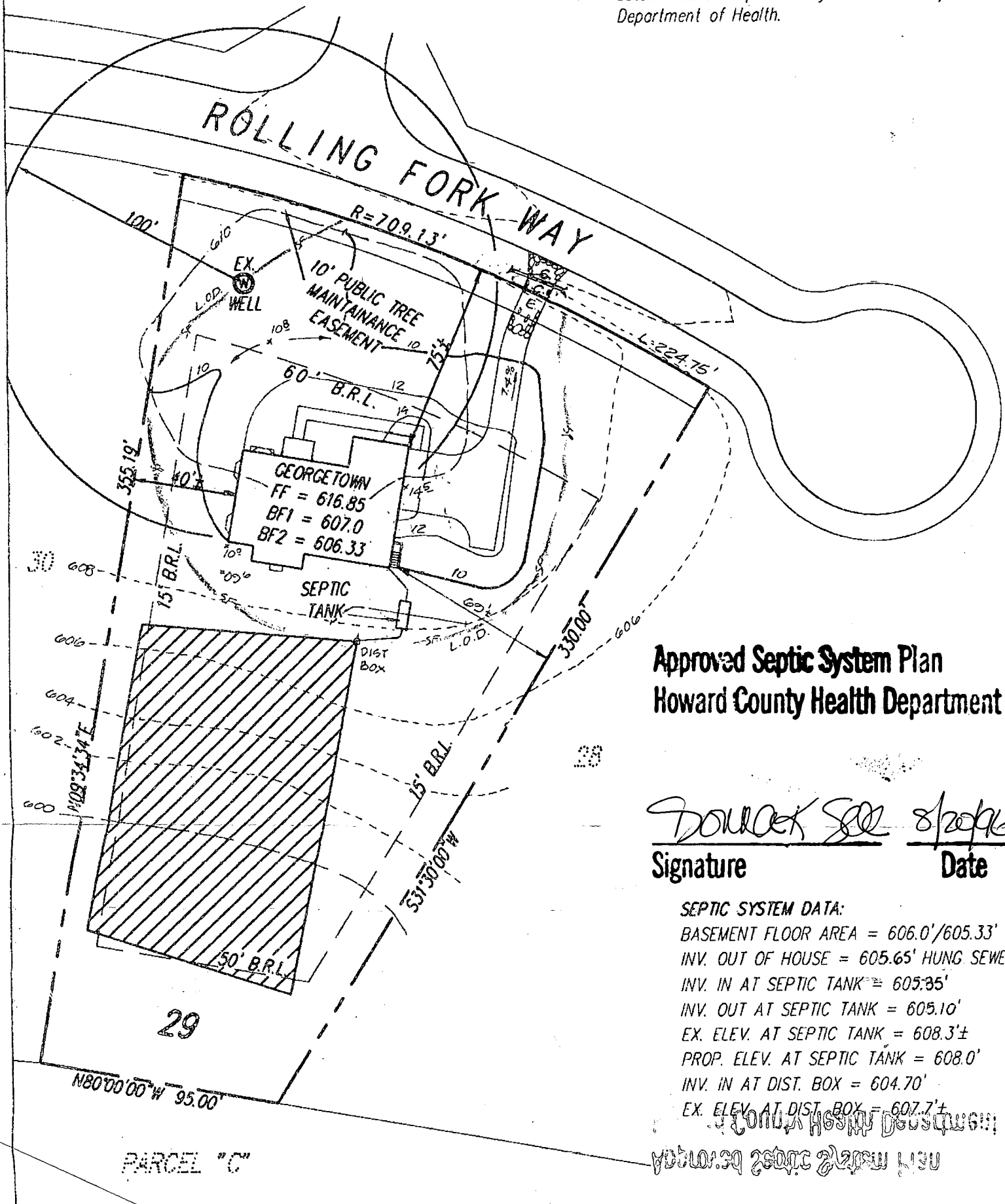
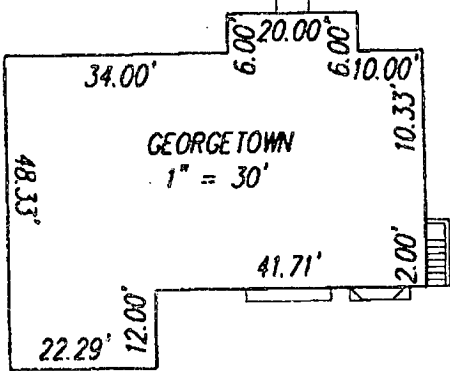
**GWYNDYL OAK ESTATES**

4th ELEC. DIST. HOWARD CO., MD  
 AUGUST 09, 1996 1"=50'

8/20/96 rev. tanks location & system data.

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9. Length of trench for septic system to be determined and specified by Howard County Department of Health.



**Approved Septic System Plan  
 Howard County Health Department**

*Donald See* 8/20/96  
**Signature Date**

**SEPTIC SYSTEM DATA:**  
 BASEMENT FLOOR AREA = 606.0'/605.33'  
 INV. OUT OF HOUSE = 605.65' HUNG SEWER  
 INV. IN AT SEPTIC TANK = 605.35'  
 INV. OUT AT SEPTIC TANK = 605.10'  
 EX. ELEV. AT SEPTIC TANK = 608.3'±  
 PROP. ELEV. AT SEPTIC TANK = 608.0'  
 INV. IN AT DIST. BOX = 604.70'  
 EX. ELEV. AT DIST. BOX = 607.7'±

GUTSCHICK LITTLE WEBER  
 410-313-2648

Kim. Sue  
 410-313-2648

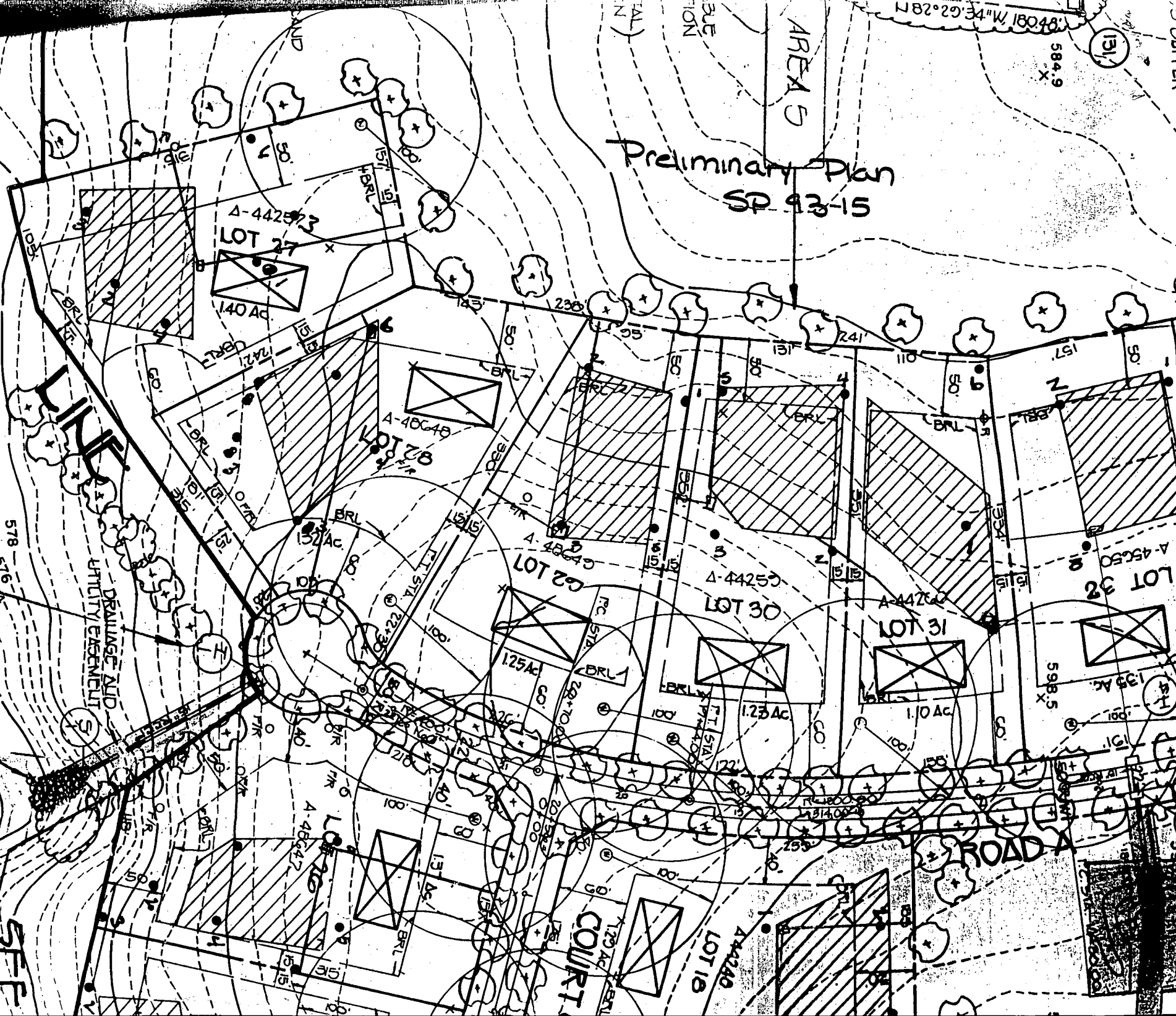
Preliminary Plan  
SP 93-15

AREA C

SEE  
WATER QUALITY  
TRENCU

DRAINAGE AND  
UTILITY EASEMENT

578  
576  
572



131

584.9

182°29'34"W 180.48'

AREAS

SECTION

(TAL)

ROAD A

COURT

LOT 18

LOT 19

LOT 32

LOT 31

LOT 30

LOT 29

LOT 28

LOT 27

