

Tax ID-04-349458  
**PERMIT**

**SEWAGE DISPOSAL SYSTEM**

**DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
INDEXED**

6/18/97 Needs house  
OR 10/10/97 connection  
OK  
P 58520

A 41060

DISTRICT 4th

DATE 6-17-97

**HOWARD COUNTY HEALTH DEPARTMENT**

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXXX 313-2640

DATE SYSTEM APPROVED 10/10/97

INSPECTOR [Signature]

Olen Ketterman IS PERMITTED TO INSTALL  ALTER

ADDRESS 14960 Route 144 Woodbine, MD 21797 PHONE (410) 442-1336

SUBDIVISION Wellington LOT 21 ROAD 2834 Woodsdale Road

PROPERTY OWNER Selfridge Builders / Edmund N. Lloyd

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180  
1240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

UDG. PERMIT SIGNED  
AND RETURNED 12-3-97  
Serial # B0109028-decks

TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 120 feet from the front lot line and 80 feet from the left sideline as seen when facing the lot from Woodsdale Road. Run the trenches toward both side lines. KEEP THE SEPTIC SYSTEM AT LEAST 100 FEET FROM THE WELL.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 4/22/97 DKS

PLANS APPROVED BY Raymond Hodges/Raymond Hodges DATE 4/21/97

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

PERMIT VOID AFTER TWO YEARS

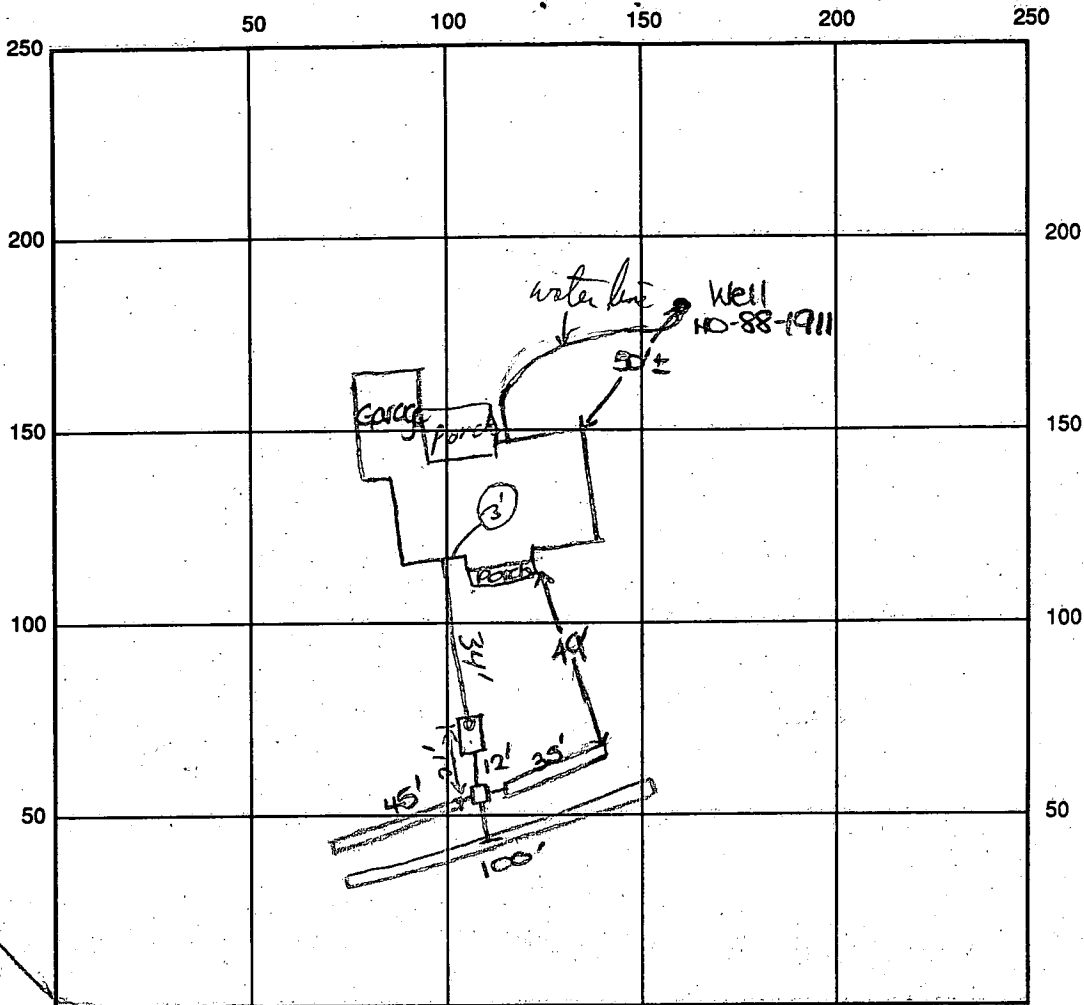
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED. 1-177 gal undgd  
H/L tank

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

9/11/2002 B00138372 FINISH BASEMENT  
BATH ROOM

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

A 41060



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Woodsdale Road

SEPTIC TANK LEVEL OK - 1250 gal

CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7.5 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 4 FT.

TOTAL LENGTH ①35 ③100 ②45 FT. → 180'

NUMBER OF TRENCHES 3

ONE SIDEWALL BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT.

EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 6/17/97 P.M. OK to stone trenches and continue. DLS

6/18/97 OK to cover from tank to dist. box and trenches. Needs house connection. DLS

House Connection OK RPP 10/10/97

Well Needs a 2 piece cap 10/10/97

WLF - Pitless adapter + water line OK @ 2 1/2 ft (shallow trench due to rock bottom) RPP 10/10/97

DATE SYSTEM APPROVED

10/10/97

INSPECTOR

RPP

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

A 41060  
P \_\_\_\_\_

DISTRICT JTH

DATE December 18, 1987

*1/13/88  
perm. owed  
pending approval  
rest @*

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 C. Oliver Goldsmith, et ux Selfridge Builders

ADDRESS Route 27, Longwood Farm, Glenwood, MD 21737 PHONE 301-442-2121

PROPERTY LOCATION: WELLINGTON SECT 1 AREA 1 LOT 21 Preliminary Sec. 1  
SUBDIVISION Longwood Farm LOT NO. 21

ROAD AND DESCRIPTION Southwest Quadrant of intersection of Roxbury Mills Rd. (Rt. 97) and Union Chapel Road (2834 Rd) **BLDG. PERMIT SIGNED AND RETURNED 4-2-97**

SIZE OF LOT 3+ Acres TYPE BLDG. SFD Residential - 4Bm  
(NUMBER OF BEDROOMS) \*

\* Undetermined at this time

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 MOSMA REQUIREMENTS IN TESTING THIS LOT. Property Development Corp. PO: Steve Bucher V.P.  
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR Trencher DATE 1/22/90

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

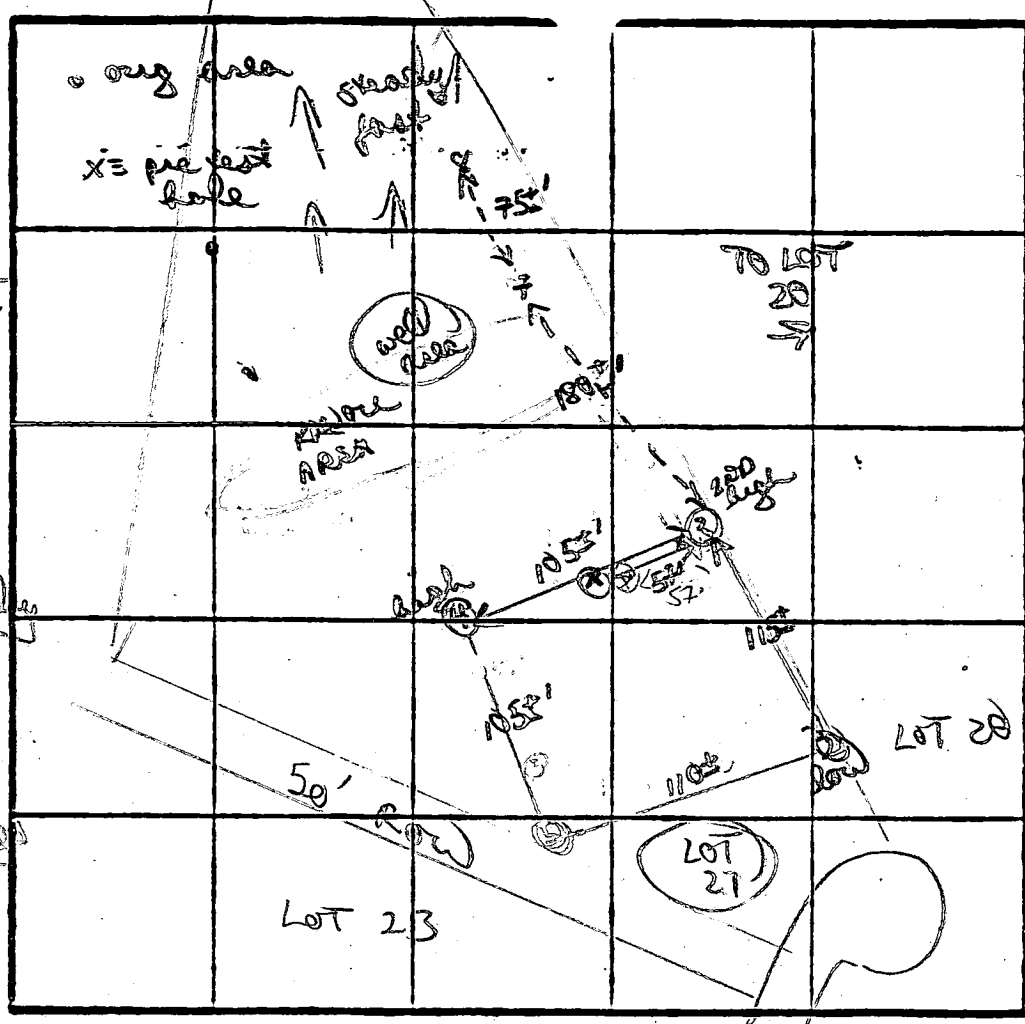
REASONS FOR REJECTION OR HOLDING for field located holes & S/D plot  
Plot OK 1/22/90 (including all work)

# THIS IS NOT A PERMIT

X = 6 1/2 MW  
 INLET 3 1/2  
 MAX D 7 1/2  
 (1P)

SOIL PROFILE

chunky orange  
 purple clay  
 w/ patches  
 red rock  
 frags (15%)  
 4 1/2'  
 to mostly  
 purple/patchy  
 orange  
 silty mica  
 loam  
 scattered frags  
 sand



(2)  
 purple/brown  
 chunky clay  
 3 1/2-4'

changing  
 to mostly  
 silty mica  
 loam w/  
 5% small  
 scattered  
 shell frags

12' D  
 (3)

brown/orange  
 checker  
 gravelly  
 clay frags 20'  
 3 1/2'

to orange  
 than purple

orange/purple  
 clay silty  
 loam 3'  
 to mostly  
 silty purple  
 powdery  
 loam w/ 5-10%  
 small mica  
 scattered  
 shell frags  
 ↓  
 12' D

common  
 w/ lot  
 20

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/14/88	(4)	3 1/2 S	1209	1219	1219	1231	12 MIN	
		11' D	bottom - (see profile)					
	(5)	3 S	1210	1212	1212	1214	2 MIN	
		12' D	bottom - (see profile)					
	(6)	4' S	1220	1225	1225	1231	6 MIN	
		7' M	1212	1215	1215	1220	5 MIN	
		12' D	bottom - (see profile)					
	(7)	3 1/2-4 1/2	1213	1217	1217	1225	8 MIN	
		12' D	bottom - (see profile)					
	7+8	rock 3-4'	refusal (may be other holes)					

mostly  
 powdery  
 silty  
 loam  
 w/ 5-10%  
 small  
 scattered  
 shell  
 frags  
 12' D

REMARKS perc field flipped; holes 7+8 in one location rock  
 TYPE OF SOIL adjusted area: chunky gritty orange/purple clays 4 1/2';  
mostly silty loam w/ scattered frags  
 TESTED BY B. Nijm ALSO PRESENT Kerem

EH-12-1079

**B 1** **9155** SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 APPLICATION FOR PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**H0-88-1911**  
 fill in this form completely

**B 3** OWNER INFORMATION  
 Date Received (APA) **060391**  
**CLARK ASSOCIATES**  
 11356 Homewood Road  
 Ellicott City MD 21043

**B 3** LOCATION OF WELL  
**HOWARD** COUNTY  
**WELLINGTON** SUBDIVISION  
 SECTION **21** LOT **21**  
**CLERWOOD** NEAREST TOWN  
 MILES FROM TOWN **2** MI

**B 4** DRILLER INFORMATION  
 Driller's Name **Joseph L. Mayne** License No. **238**  
 Firm Name **Joseph L. Mayne Well Drilling**  
 Address **5512 Ridge Rd. Mt. Airy 21771**  
 Signature **Joseph L. Mayne** Date **5/29/91**

**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
 TOWN  
 WOODS OAK RD. NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD **250** FT  
 ENTER FT OR MI **FT**

**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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME  
**A-41060** COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ DATE ISSUED **060591**  
**Charles Bryan** CO SIGNATURE  
 NORTH GRID **532000** EAST GRID **0790000**  
 EXP. DATE **05/91**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN   
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)   
 CABLE  REVerse-ROTary  DRive-POINT   
 other \_\_\_\_\_

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 **790**  
 N **530**

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  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
 N  
 Union CHARL RD.  
 WOODS OAK RD  
 HUNT VALLEY DR.  
 1600 W  
 1700 W

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE **CV** PERMIT No. **H0-88-1911**

SPECIAL CONDITIONS  
**Greenwood**  
 COUNTY

C1 4563 SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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-41060

ST/CO USE ONLY  
 DATE Received

DATE WELL COMPLETED  
 06/09/11

Depth of Well  
 42.5 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
 #0-88-1911

OWNER CLARK ASSOCIATES  
 last name first name  
 STREET OR RFD. WOODS DALE RD. TOWN GLENWOOD  
 SUBDIVISION WELLINGTON SECTION LOT 21

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	
SAND STEEL	0	11	
GRAY DIK ROCK	11	42.5	

RECEIVED  
 STATE OF MARYLAND  
 DEPARTMENT OF ENVIRONMENTAL & GENERAL SERVICES  
 68-11-13 3:11:38

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT (CM) BENTONITE CLAY (BC)  
 NO. OF BAGS 5 NO. OF POUNDS 1700  
 GALLONS OF WATER 30  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft to 19 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)  
 ST 6 72

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

DEPTH (nearest ft.)  
 HO 21 42.5  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 from to

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  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

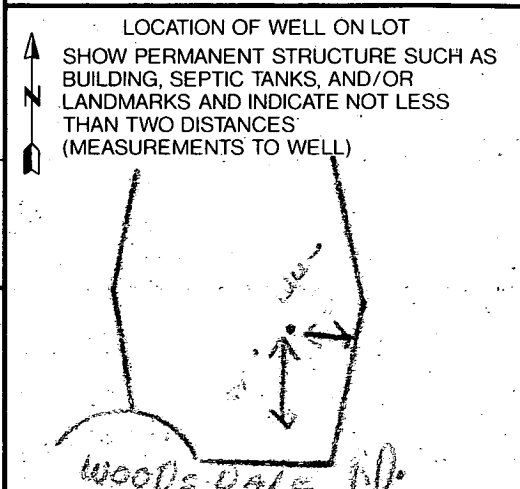
PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 12  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 59  
 WHEN PUMPING 75  
 TYPE OF PUMP USED (for test)  
 A air P piston T turbine  
 C centrifugal R rotary O other (describe below)  
 J jet S submersible

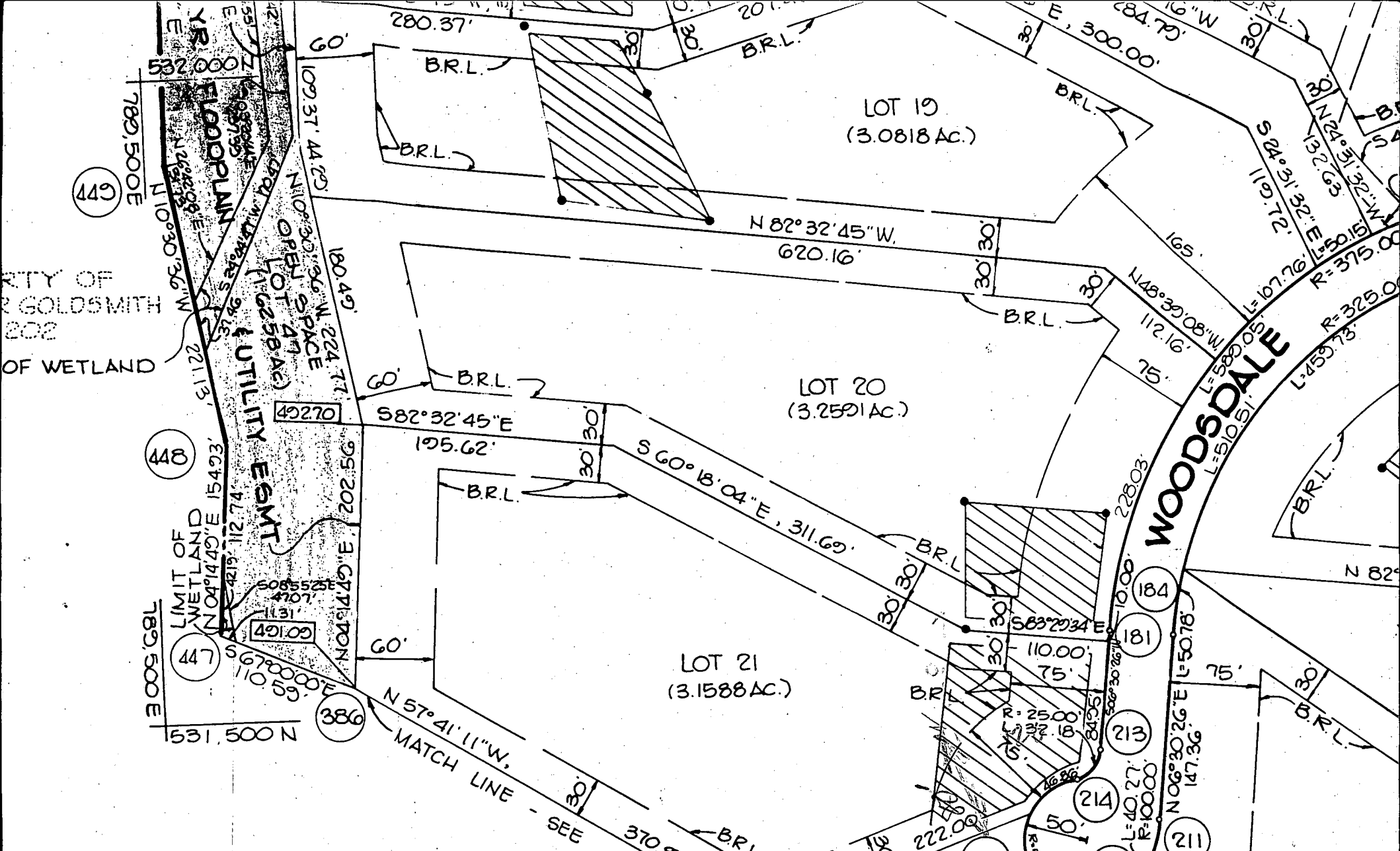
PUMP INSTALLED  
 DRILLER WILL INSTALL PUMP YES (NO)  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED  
 PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)  
 PUMP HORSE POWER  
 PUMP COLUMN LENGTH (nearest ft.)  
 CASING HEIGHT (circle appropriate box and enter casing height)  
 LAND SURFACE (nearest foot)

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. 230  
 DRILLERS SIGNATURE  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)





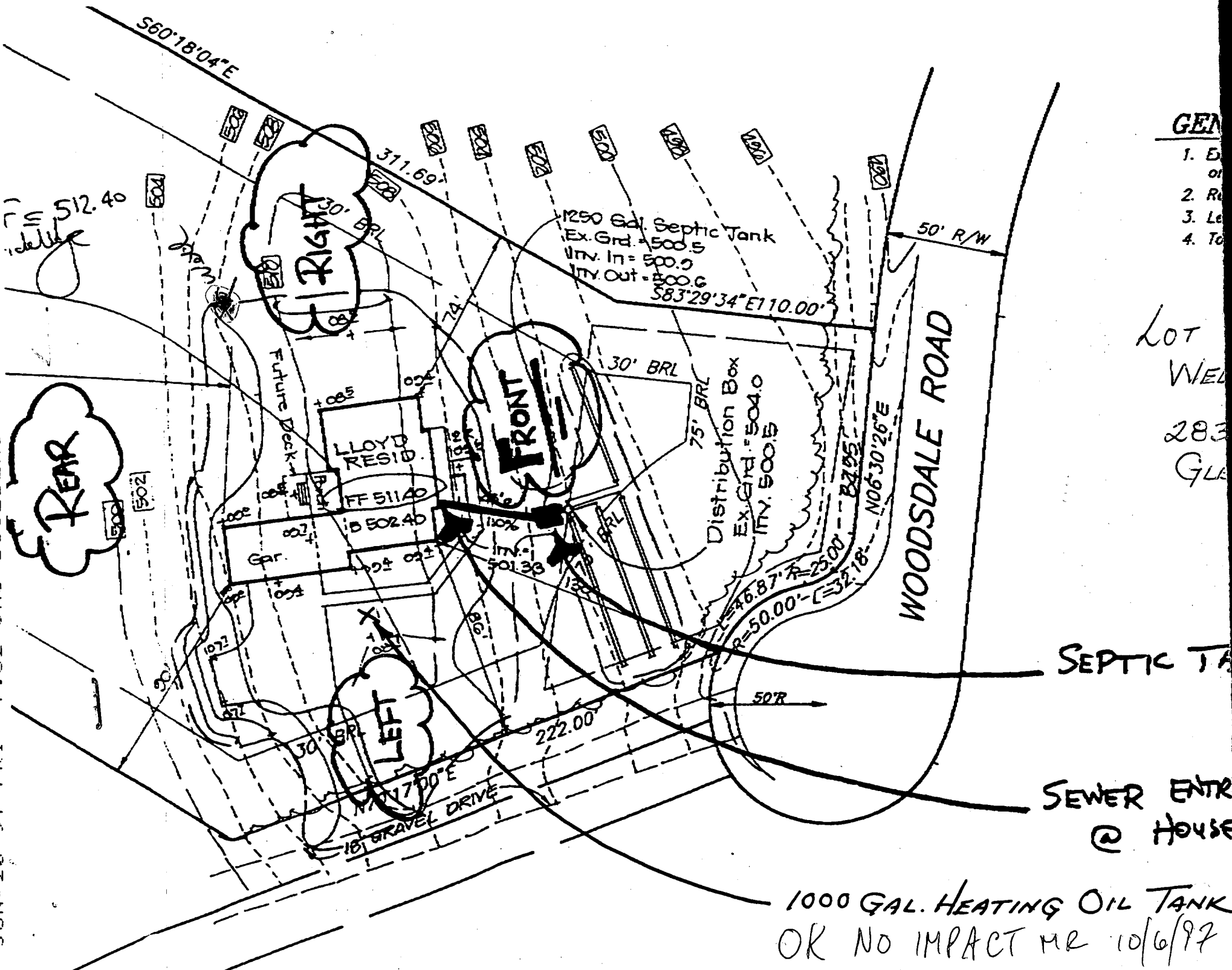
**CURVE DATA**

Δ	ARC	TAN	CHORD	BEARING
13° 23' 41"	181.87	21.81	181.00	S 78° 14' 14" E
15° 23' 48"	251.94	126.73	251.18	N 76° 14' 18" W
04° 53' 05"	80.22	40.03	79.99	N 85° 29' 32" W
90° 00' 00"	589.05	375.00	530.33	S 51° 30' 26" W
73° 44' 23"	32.18	18.75	30.00	S 43° 22' 37" W
230° 39' 57"	201.29	—	90.38	S 35° 05' 09" E
23° 04' 26"	40.77	20.41	40.00	N 18° 02' 39" E

*Wellyton  
rest  
area*

MATCH LINE - SEE PLAT 5 OF 7

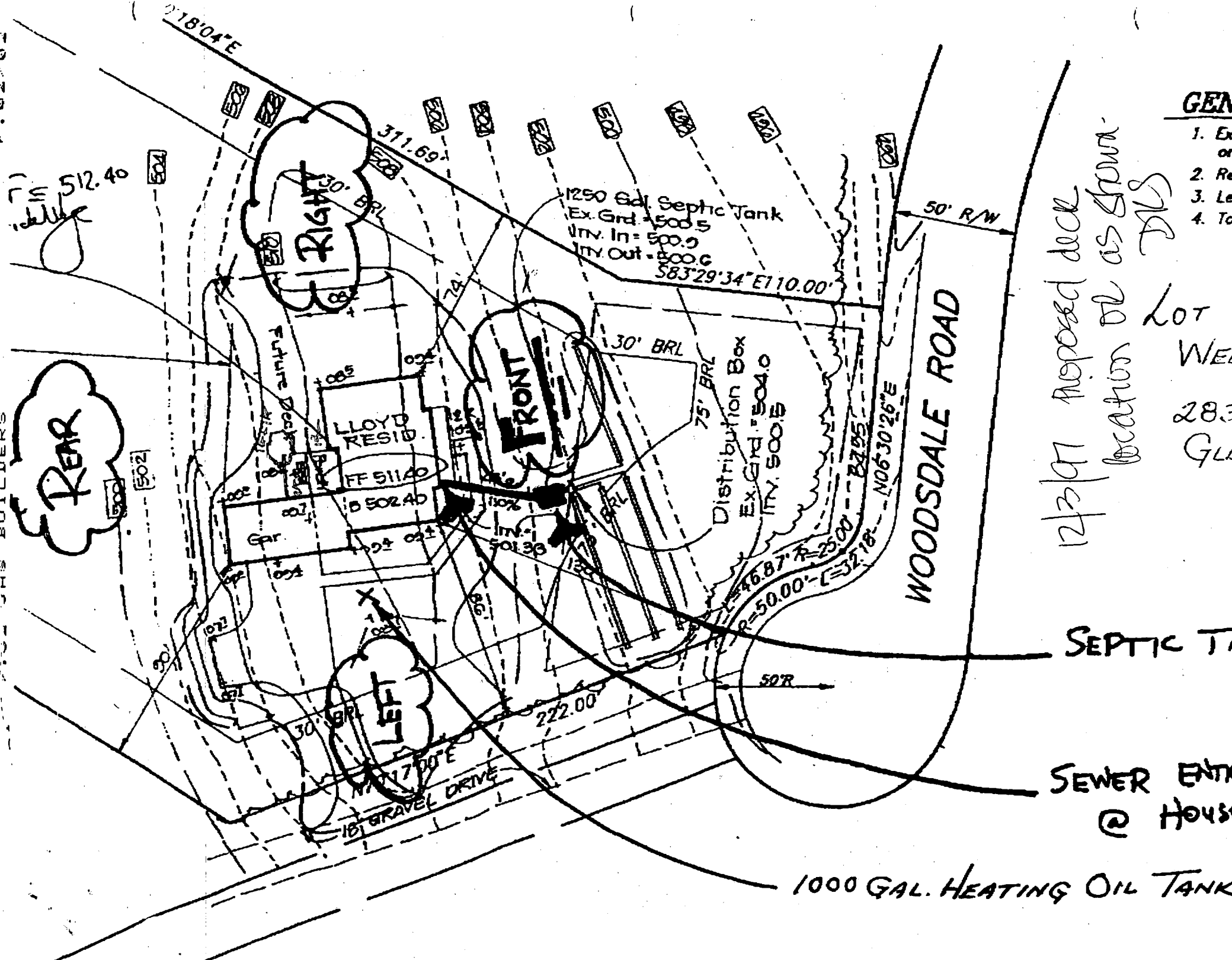
JUN-20-97 FRI 11:02 JMS BULLIERS



**GEN**

1. E
2. R
3. L
4. T

LOT  
WEL  
283  
GLA



512.40  
 18'04"E

REAR

RIGHT

FRONT

LEFT

1250 Gal. Septic Tank  
 Ex. Grd. = 500.5  
 Inv. In = 500.9  
 Inv. Out = 500.6  
 583'29'34"E 110.00'

Distribution Box  
 Ex. Grd. = 504.0  
 Inv. 500.8

WOODSDALE ROAD

12/3/97 proposed deck location as shown  
 DLS

GENERAL

1. Existing
2. Ref
3. Len
4. Tot

LOT  
 WEL  
 28.3  
 GLE

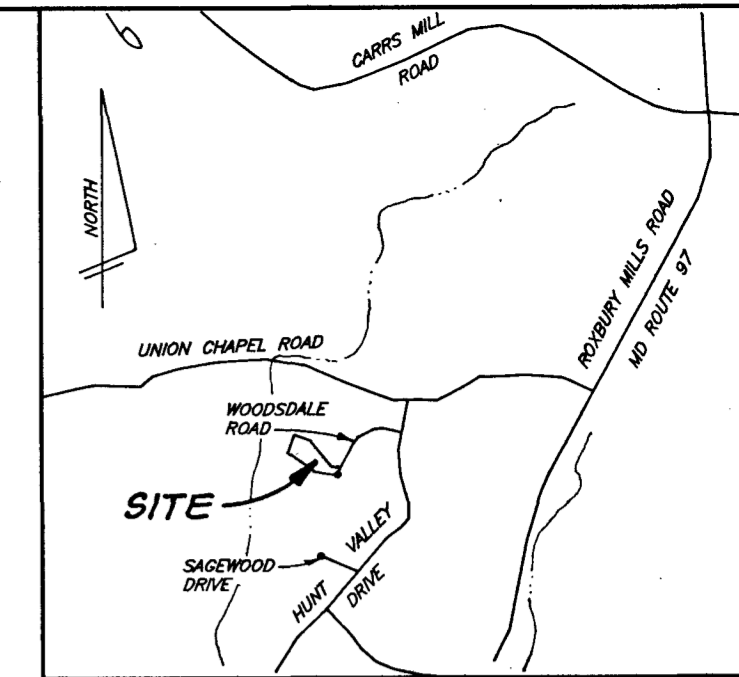
SEPTIC TA

SEWER ENTR  
 @ HOUSE

1000 GAL. HEATING OIL TANK

**LEGEND**

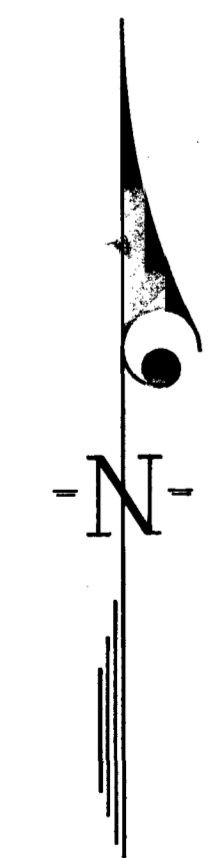
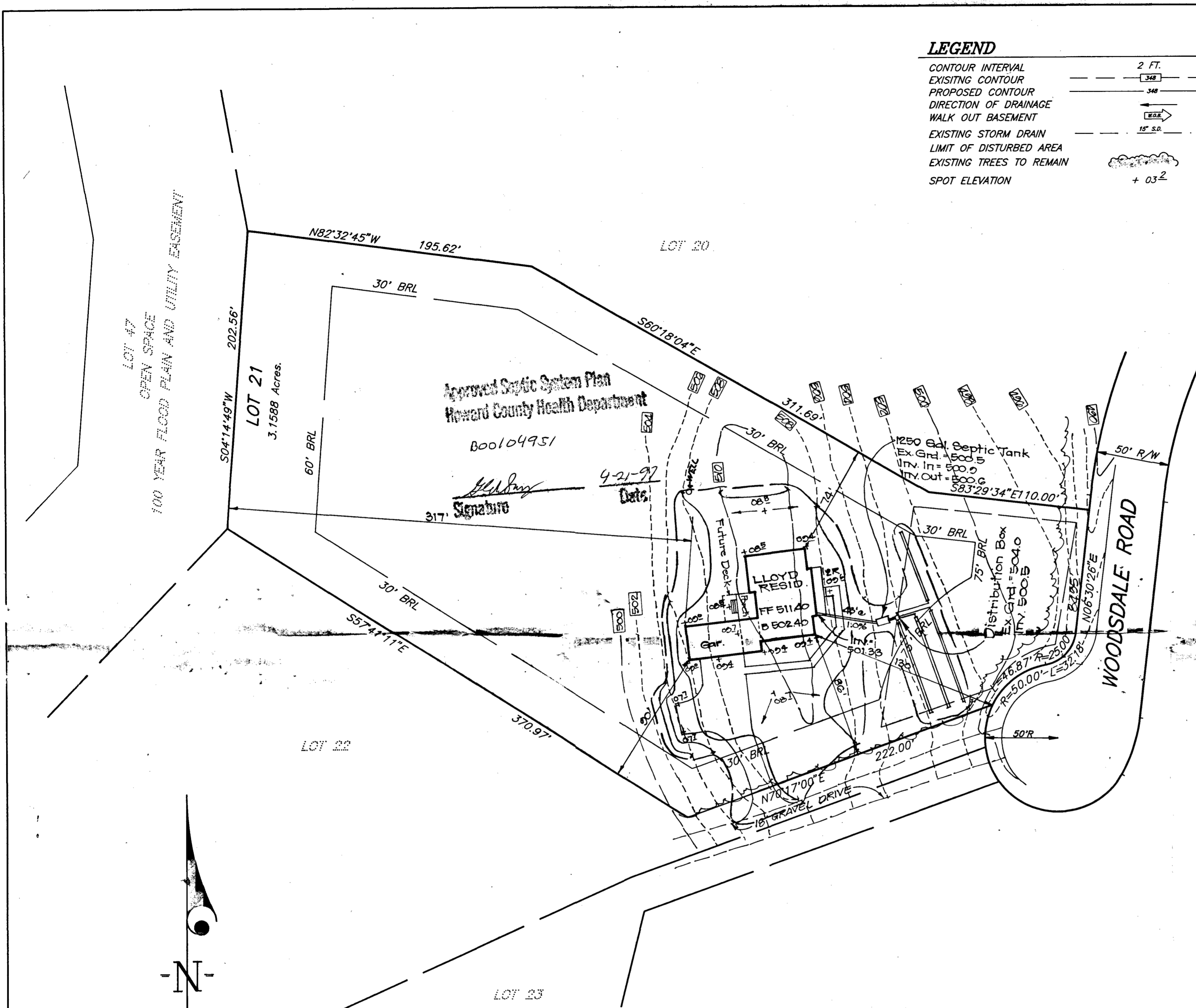
- CONTOUR INTERVAL 2 FT.
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF DRAINAGE
- WALK OUT BASEMENT
- EXISTING STORM DRAIN
- LIMIT OF DISTURBED AREA
- EXISTING TREES TO REMAIN
- SPOT ELEVATION + 03.2



**VICINITY MAP**  
1" = 2000'

**GENERAL NOTES**

1. Existing Topography was field run by Clark, Finefrock & Sackett, Inc. on 2-24-97.
2. Reference : Plat 8947
3. Length of trenches to be determined at time of permit issuance.
4. Total Area Disturbed : 20,002 sq ft



**PRINTED**  
 APR 2 1997  
 Clark, Finefrock & Sackett

<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS <small>7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410)381-7500 BALT. • (301)621-8100 WASH.</small>		
DESIGNED:	SITE DEVELOPMENT PLAN	SCALE:
JME	LOT 21	1"=50'
DRAWN:	<b>WELLINGTON</b>	DRAWING NO.
PS	SECTION 1, AREA 1	1 of 1
CHECKED:	TAX MAP No.'s 14 & 21 PARCEL No.'s 73 & 74	JOB NO.
	FOURTH (4th) ELECTION DISTRICT	97-041
	HOWARD COUNTY, MARYLAND	FILE NO.
DATE:	FOR: JAMES H. SELFRIDGE BUILDERS, Inc.	97-041X
	14045 Gared Drive Glenwood, Maryland 21738	