

4/10/97  
pm c.o.  
# 413605

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

### INDEXED

P 58113

A 40807

DISTRICT 5th

DATE 4/28/97

DATE SYSTEM APPROVED 7/11/97

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

Jack Fyock Septic Services

IS PERMITTED TO INSTALL  ALTER

ADDRESS 4105 Ten Oaks Road, Glenelg, Maryland 21737 PHONE 410-988-9270

SUBDIVISION The Warfields LOT 41 ROAD 14800 Sapling Way

PROPERTY OWNER Lemont Joyner

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 7-29-97**

*Serial # B710 7090*

*1-1100 gal welded purple tank*

TRENCHES - Trench to be <sup>3</sup>/<sub>2</sub> feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 137.16' and 488.45' lot lines, begin trenches 25 feet up the 488.45' lot line and 100 feet off that same lot line. Run trenches on contour toward Sapling Way.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 5/29/97 DKS*

PLANS APPROVED BY Amy McMillen

DATE 5/19/97

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

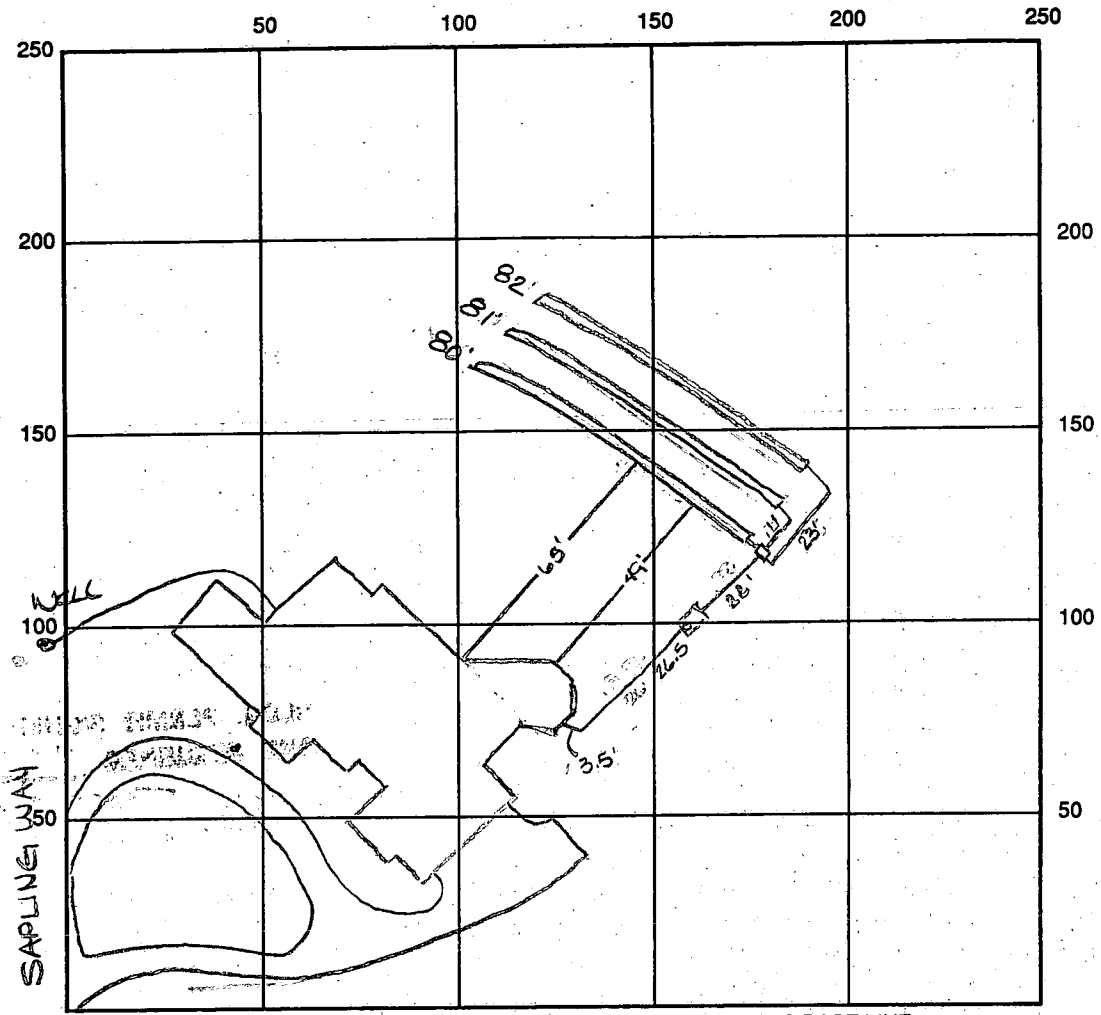
PERMIT VOID AFTER TWO YEARS

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.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
MICHELE DRIVE

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 243 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 729 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET 2.0 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 7/10/97 Tank, DB and 1<sup>st</sup> trench OK to cover ALM 7/11/97 OK to cover all work final ALM

7/11/97 WPI OK to cover ALM

DATE SYSTEM APPROVED 7/11/97 INSPECTOR A McMullen

# APPLICATION

PERCOLATION TESTING

A 40807

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 5th

DATE 12/1/87

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 Kennard Warfield Jr. Lemont Joyner

ADDRESS 14663 Triadelphia Rd PHONE 442-2337

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION ~~Sapling Range~~ THE WARFIELDS LOT NO. 41 42 Preliminary

ROAD AND DESCRIPTION 14600 Triadelphia Rd just west of Howard Rd

14800 Sapling Way Mich ele drive BLDG. PERMIT SIGN. 5-19-92

TAX MAP 27 PARCEL # 56

SIZE OF LOT 3 acres TYPE BLDG. SFD-4Brm  
(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. Myard Reil  
(SIGNATURE OF APPLICANT)

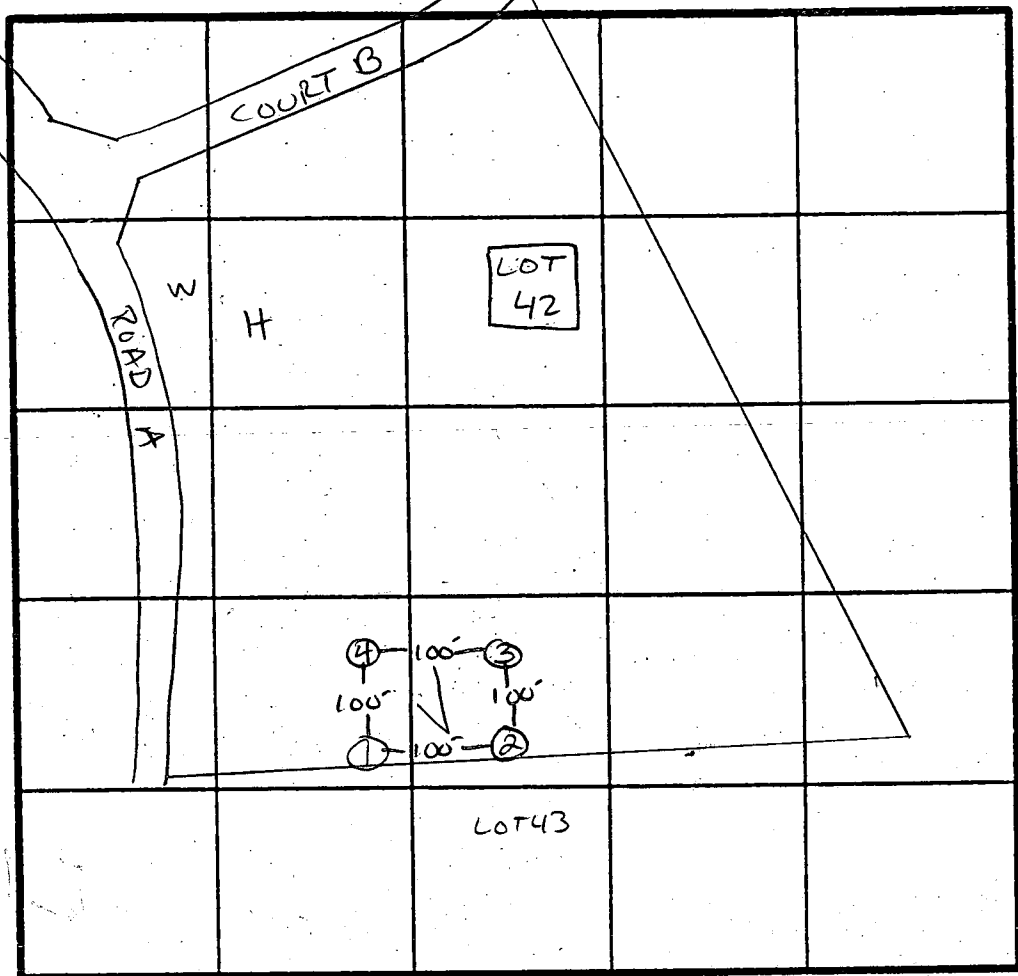
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

REASONS FOR REJECTION OR HOLDING 2-2-88 Perc Satisfactory - Hold for Subdivision Plat. SAH

# THIS IS NOT A PERMIT



x Perc  
 4 min  
 180 lb / 13N  
 Inlet 3.5"  
 Bottom 5.0"

SOIL PROFILE  
 7" 0"  
 4"  
 11.5-13"  
 AP  
 Yell. RED  
 Silty CLM.  
 <10% FRAGS  
 Yell. Bl  
 Silty CLM  
 Slightly  
 MICACEOUS  
 10-20%  
 FRAGS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 ↓ TO TRIADELPHIA Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/1/88	S	4.0'	9:54	9:55	9:55	9:57	2 MIN
	M	7.5'	9:52	9:56	9:56	10:01	5 MIN
	V	13'	UNIFORM SOIL below ~ 3.5-4.0'				
	S	5.5'	9:56	9:57	9:57	9:59	2 MIN
	V	11.5'	UNIFORM SOIL below ~ 4.0'				
	V	12'	SAME AS # 1 UNIFORM below ~ 3.0'		SOME LARGE QUARTZITE AT ~ 4.5'		
	S	4.5	9:47	9:51	9:51	9:56	5 MIN
	V	12.5'	UNIFORM SOIL below 4.0'				

REMARKS Holes APPROX TO PLAT.  
 TYPE OF SOIL MANOR COAM  
 TESTED BY Sid Abel ALSO PRESENT KETTERMAN + Co. MARK.

EH-12-1079

**B 1** 8280 SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

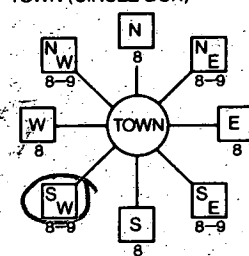
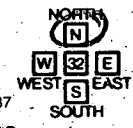
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
HO-94-0898  
 fill in this form completely

Date Received (APA) 062796  
**OWNER INFORMATION**  
WARFIELD KENNARD  
 15 Last Name Owner First Name  
14663 TRIDELPHIA RD  
 36 Street or RFD 55  
GLENELO MD21732  
 57 Town 70 State 72 Zip 76

**B 3** LOCATION OF WELL  
HOWARD  
 8 COUNTY 21  
THE WARFIELDS  
 23 SUBDIVISION 42  
 SECTION F LOT 91  
 44 46 48 50  
GLENELO  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) 2 M I  
 73 76 77 78

**DRILLER INFORMATION** CIRCLE: MSD MGD/MWD  
RALPH MAYNE 77 License No. 116  
 Driller's Name  
RALPH MAYNE (WELL DRILLING)  
 Firm Name  
9120 Brown Church Rd Mt. Airy  
 Address  
Ralph Mayne 6/25/96  
 Signature Date

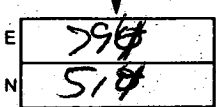
**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
 NEAR WHAT ROAD SAPLING WAY  
 11 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
 34 100 37  
 DISTANCE FROM ROAD  
 ENTER FT OR MI FT  
 38 39  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

**B 2** WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) 5  
 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500  
 14 20

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)

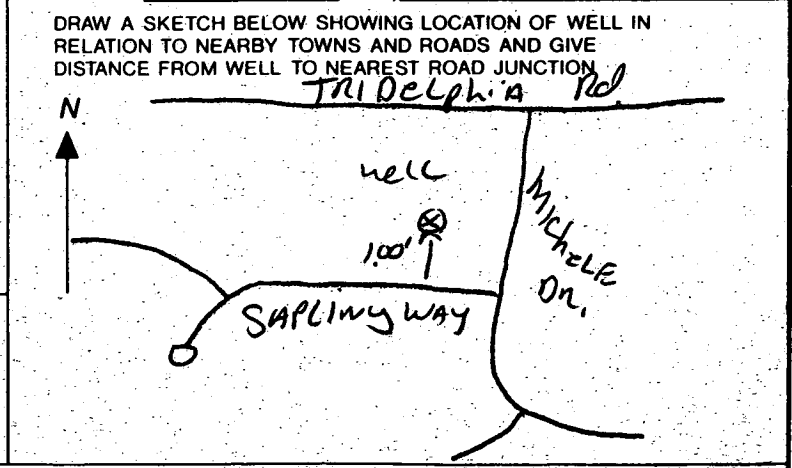
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
HOWARD A-40807  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_  
 DATE ISSUED 07/1/96 7/1/97  
 43 48 CO SIGNATURE EXP. DATE  
 NORTH GRID 519000 EAST GRID 799000  
 50 55 57 63

APPROXIMATE DEPTH OF WELL 1150 FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

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  
  
 8/19/96  
 25' casing  
 30' OH  
 10 bags  
 All

METHOD OF DRILLING (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
 37 CABLE REVERSE-ROTARY DRIVE-POINT  
 other \_\_\_\_\_

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 \_\_\_\_\_  
 54 63  
 FORCE GS WRITE INITIALS IN BOX PERMIT No. HO-94-0898  
 67 68 70 71 72 73 74 75 76 77 78 79

C1 7953

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-42807

ST/CO USE ONLY DATE Received

092696

DATE WELL COMPLETED

082096

Depth of Well

2265 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

10-94-0848

OWNER WAREFIELD, KENNARD last name first name STREET OR RFD SAPPING WAY TOWN SUBDIVISION THE WAREFIELDS SECTION LOT 41

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 Top Soil, Sandy Sandstone, MICKA, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 16 NO. OF POUNDS 7600

CASING RECORD

MAIN CASING TYPE (P) (L) (6) (5) (5) (5) OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

C2

Table with columns: DEPTH (nearest ft.) 1-21, 23-36, 38-51. Rows 1-3 showing depth measurements.

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 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

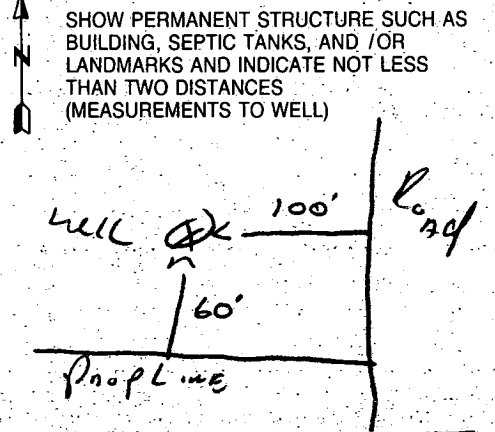
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 100 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 65 TYPE OF PUMP USED (for test) (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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) (+) above ( ) below LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT



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.

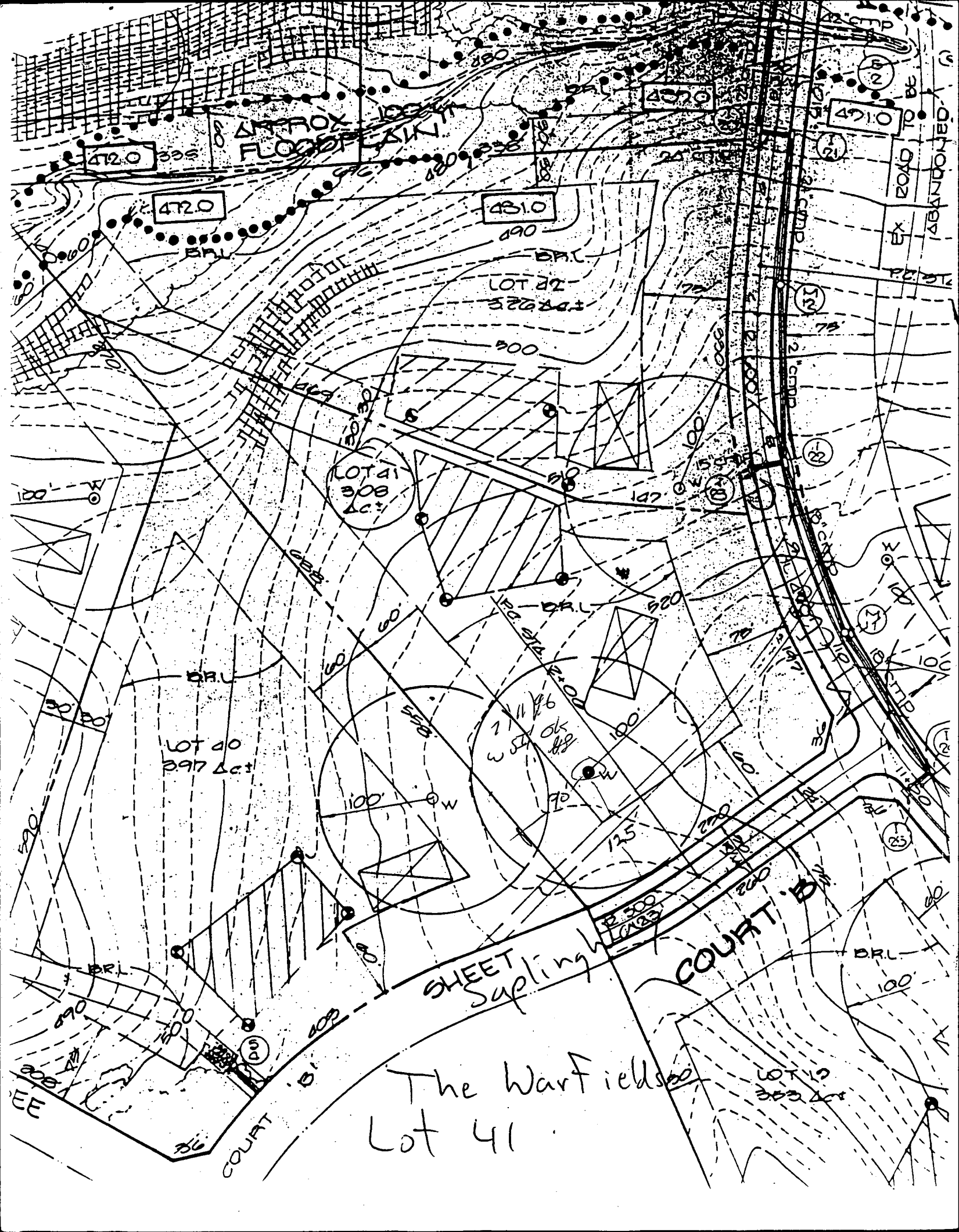
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 116

DRILLERS SIGNATURE (Must match signature on application)

LIC. NO. 117

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



APPROX FLOOR PLAN

472.0

481.0

471.0

LOT 41  
308 Δct

LOT 40  
397 Δct

SHEET Sapling

COURT B

The Warfieldss  
Lot 41

LOT 15  
300 Δct

ABANDONED ROAD TO BE

ROAD TO BE

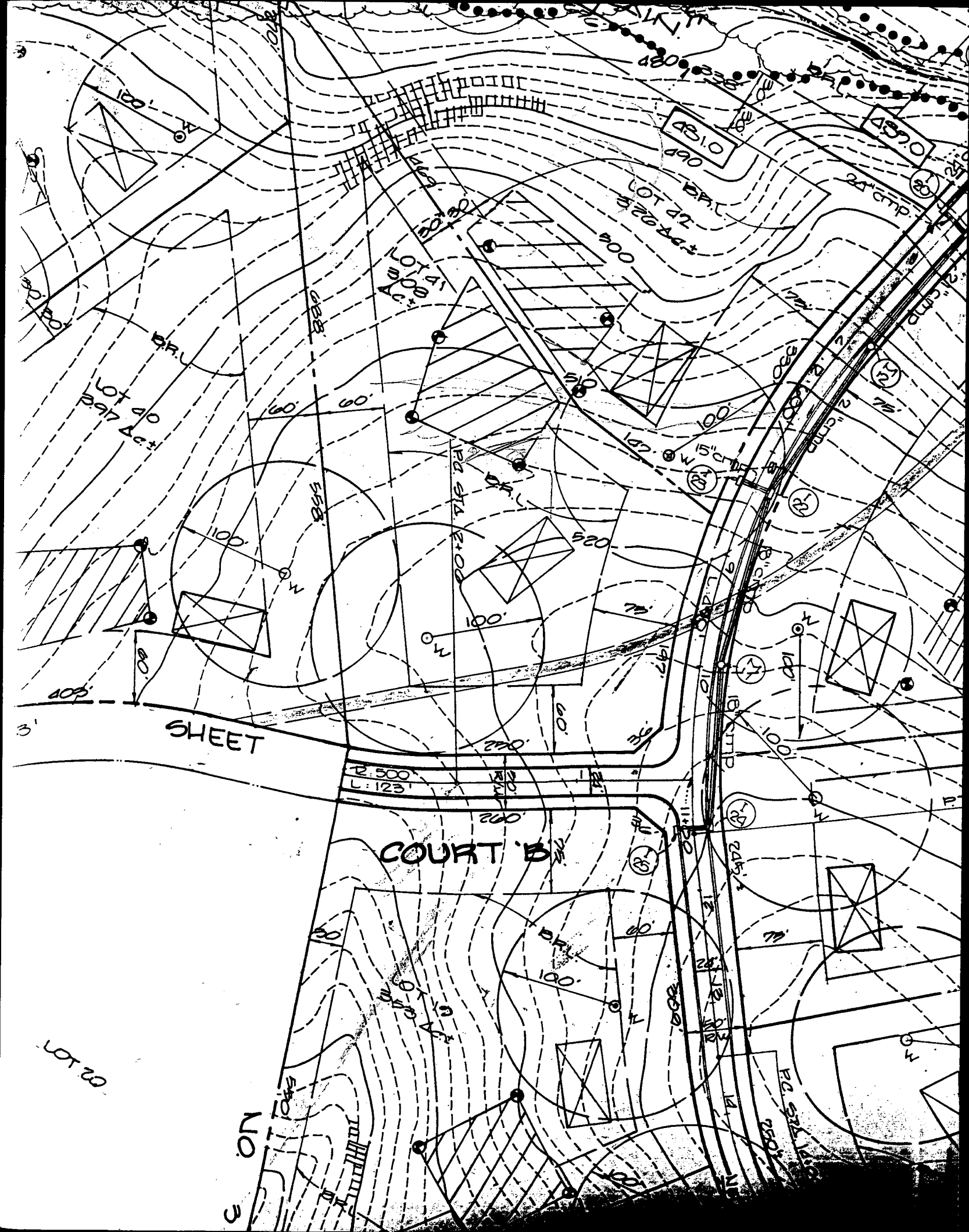
ROAD TO BE

ROAD TO BE

ROAD TO BE

ROAD TO BE

ROAD TO BE



SHEET

COURT B

LOT 40  
0.97 Ac.±

LOT 20

NO 3

451.0  
0.90

452.0

A.U.L.  
0.00

LOT 42  
0.26 Ac.±

2.500  
0.21

18' CMP

24' CMP

24' CMP

24' CMP

24' CMP

24' CMP

24' CMP

24' CMP

24' CMP

BR.L.

BR.L.

BR.L.

BR.L.

100'

60'

55'

100'

60'

147'

100'

100'

100'

100'

60'

300'

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24'

24'

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405'

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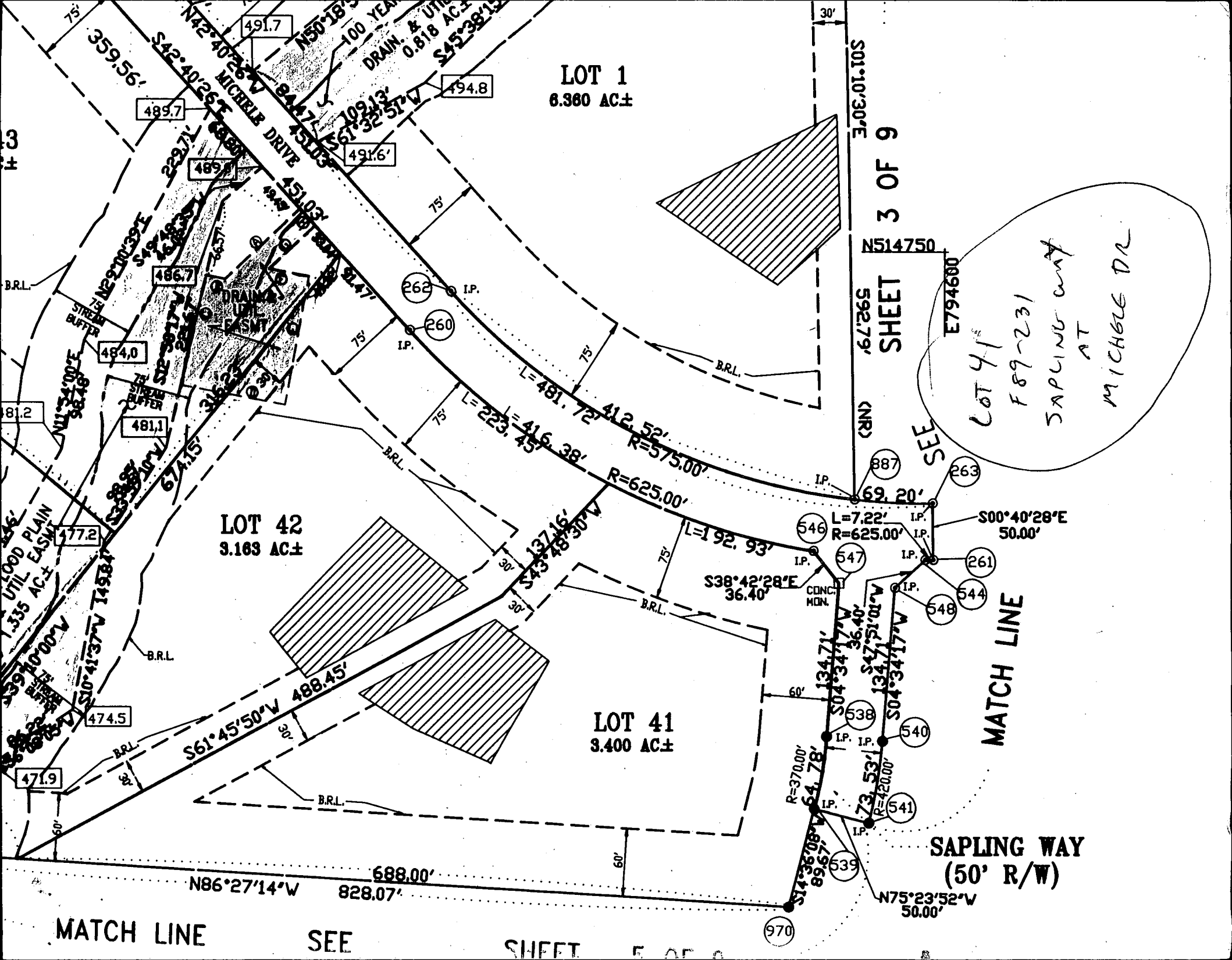
LOT 1  
6.360 AC±

LOT 42  
3.163 AC±

LOT 41  
3.400 AC±

SHEET  
3 OF 9

LOT 41  
F 89-231  
SAPLING WAY  
AT  
MICHELLE DR



MATCH LINE

SEE

SHEET 5 OF 9

MATCH LINE

SAPLING WAY  
(50' R/W)

SEE

SHEET

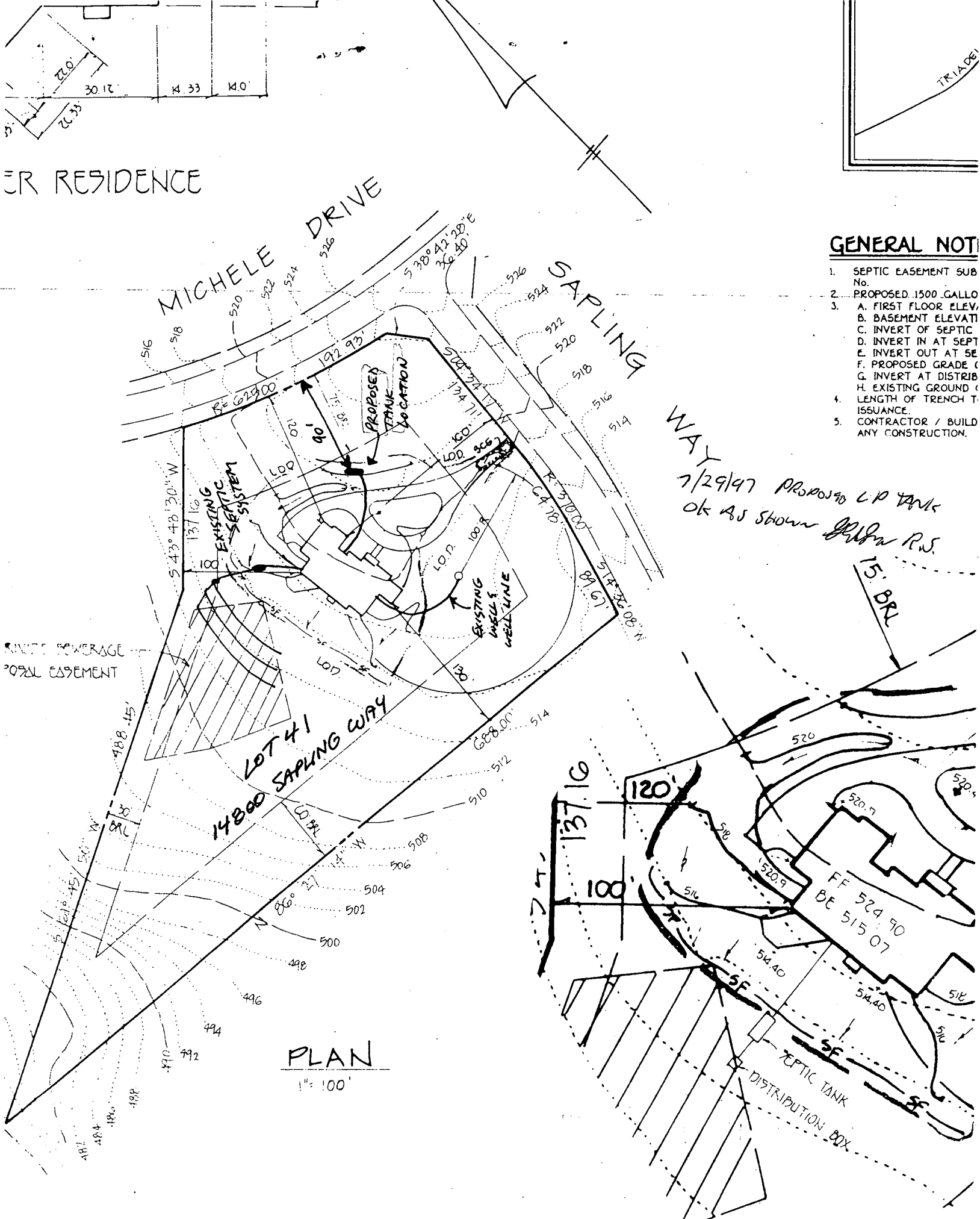
3 OF 9

ER RESIDENCE

**GENERAL NOTES**

1. SEPTIC EASEMENT SUB No.
2. PROPOSED 1500 GALLON
3. A. FIRST FLOOR ELEV.  
B. BASEMENT ELEVATI  
C. INVERT OF SEPTIC  
D. INVERT IN AT SEPT  
E. INVERT OUT AT SE  
F. PROPOSED GRADE (C  
G. INVERT AT DISTRIB  
H. EXISTING GROUND (C  
I. LENGTH OF TRENCH T  
ISSUANCE.  
5. CONTRACTOR / BUILD ANY CONSTRUCTION.

WAY  
7/29/97 PROPOSED LP TANK  
OK AS SHOWN *[Signature]* P.S.



**PLAN**  
1" = 100'

PLAN DETAIL

