

approved 11/1/79

J. Stayer

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 7/9/79

**INDEXED**

Prestige Home Contractors

IS PERMITTED TO INSTALL  ALTER

ADDRESS 11965 Frederick Road, Ellicott City, Md.

PHONE \_\_\_\_\_

SUBDIVISION Friendship Manor

ROAD 259 Louanne Court

LOT 33

PROPERTY OWNER Prestige Home Contractors

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA \_\_\_\_\_ SQ. FT.

INLET PIPE \_\_\_\_\_ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH \_\_\_\_\_ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AND \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AS SEEN WHEN FACING LOT FROM

TRENCHES - To be 3 ft. wide. Inlet to be <sup>3'</sup> ft. below original grade and effective absorbent area to be from <sup>2'</sup> ft. to <sup>6'</sup> ft. only. Maximum depth of trenches to be 6 ft. below original grade. A minimum of 130 sq. ft. effective absorbent sidewall area per bedroom needed. Trenches cannot exceed 100 ft. in length. Distribution box to be used if more than one trench. Two inspections of trenches required - before and after stone installed. If more than one trench used - need to have a 15 ft. distance between trenches, center-to-center. \*Run trenches on contour. Start trenches at a point 40 ft. to the rear of the house and 15 1/2 ft. over from left rear corner of house.

PLANS APPROVED BY Charles B. Streaker

DATE 10/2/79

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZO ACCEPTED.

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

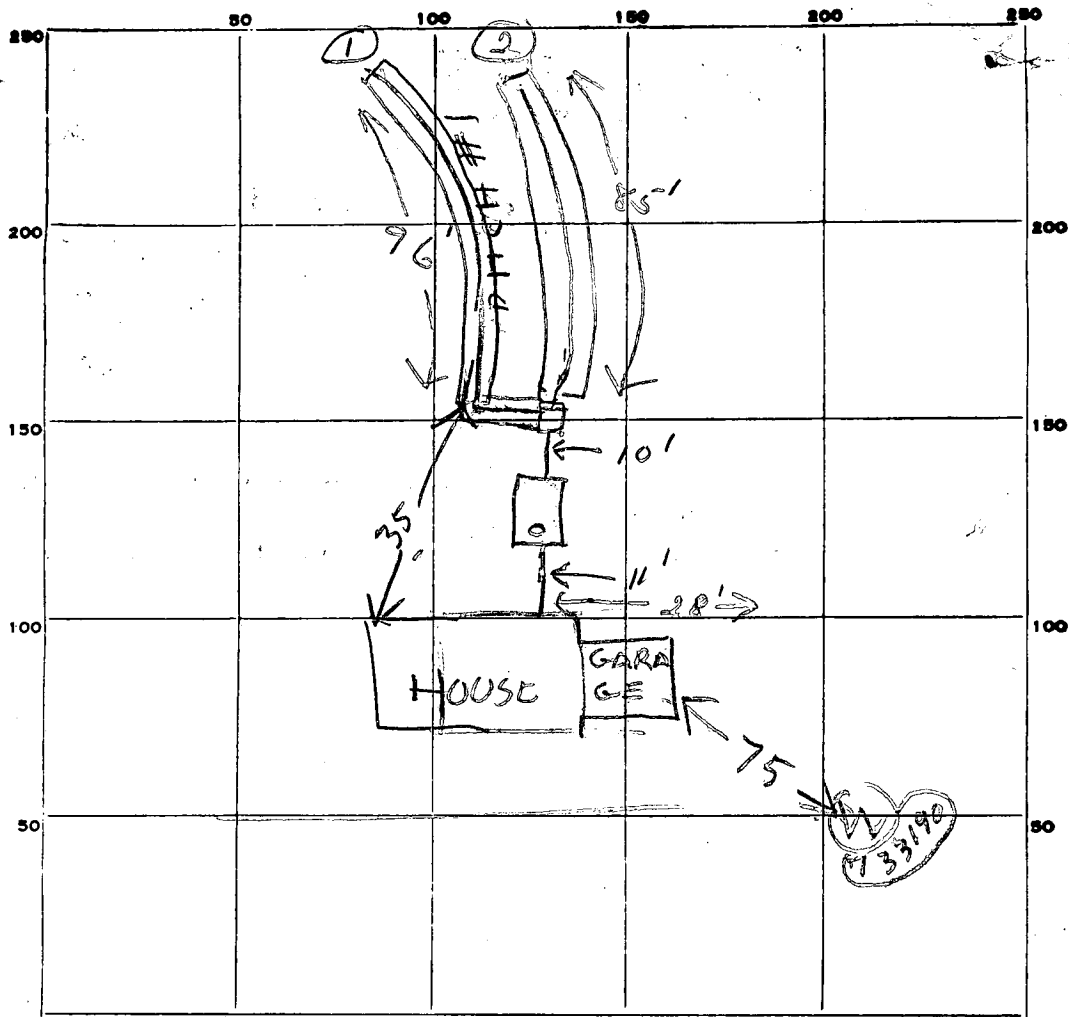
HD - 23

First Trench to be 3'-6' deep

\* Second Trench to be 15' down hill from first  
1st 2' max depths 5' deep

APPROVED 10/8/79 OK per PFW

A 27024



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

730  
- 4  
520

181  
3  
543

PERMIT CARD

SEPTIC TANK, LEVEL OK 1500 CLEANOUTS 51  terra cotta

DISTRIBUTION BOX, LEVEL  OK

TILE FIELD, DEPTH 6-6 1/2 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 3 FT. TOTAL LENGTH 196 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 543

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 543 SQ. FT.

REMARKS 11/1/79 - DITCH #1 6-6 1/2 FT DEEP 3 FT WIDE 96 FT LONG  
ADD STONE TO DITCH #1 DIG DITCH #2 & CALL RI  
11/2/79 - OK to cover #1 trenches. OK to add gravel to  
#2 trench - call. JS  
11/6/79 OK to cover all work. JS

DATE SYSTEM APPROVED 11/6/79 INSPECTOR J. Stager

PRELIMINARY

# APPLICATION

Serial No. 38341

A 27024

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 3rd

P O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DATE 10/10/77

Septic Tank 3 bedroom - 1000 gal  
4 " - 1200 gal

Dry Well. 130 sq ft absorbent sidewalk area per bedroom  
to begin below the first 3 1/2 ft of orig. grade. Max depth permitted  
for DW is 11 ft below orig. grade.

Place DW 290 ft from front lot line and 20 ft from  
right side as seen when facing from Leanne Ct.

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 William B. Ridgely

ADDRESS Spring Meadow Farms, Cooksville, Md. PHONE 531-5115 (Carol Clark)

PROPERTY LOCATION:

SUBDIVISION Friendship Manor LOT NO. 33

ROAD AND DESCRIPTION Route 144 and Route 32 259 Louisiana Court

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. 3 or 4 bedrooms  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC  
FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Albert Scheel

APPROVED BY D'On FOR DW DATE 10/11/77  
(KIND OF SYSTEM)

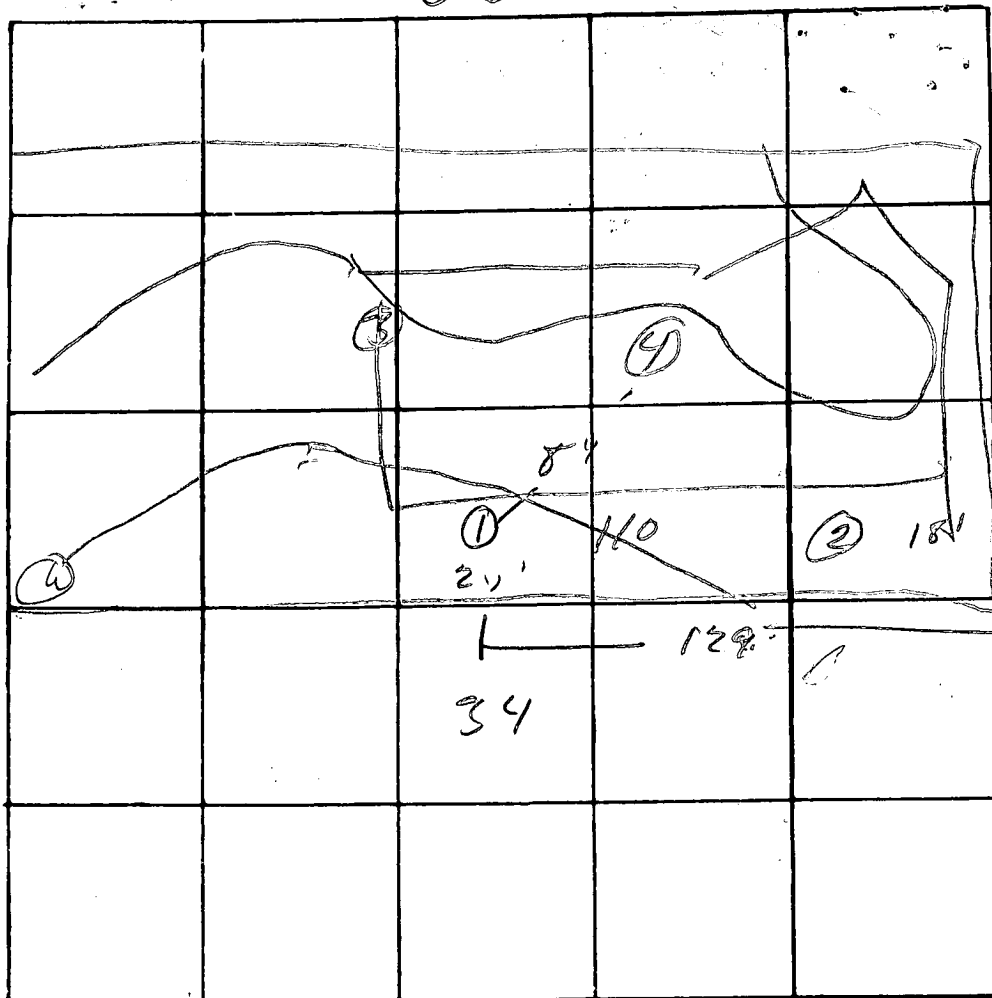
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 4/26/79  
serial # 38341

# THIS IS NOT A PERMIT



USI  
area  
outlined

100

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/11/44	1s	5'	10 34	10 39	10 39	10 38	1
	a	13'	10 36	10 40	10 40	10 50	10
	2s	2'	10 45	10 49	10 49	10 50	1
	a	13'	10 49	11 46	11 46	10 48	2
	3s	3'	11 00	11 01	11 01	11 02	
	a	14'	11 52	11 53	11 53	11 59	6
	2 vis	24'	3-13'				

REMARKS well site problems.

TYPE OF SOIL silt loam

TESTED BY DPON ALSO PRESENT: School.

STATE OF MARYLAND

WATER RESOURCES ADMINISTRATION

TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401  
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

HC 73319K  
FILL IN THIS FORM COMPLETELY

1 2 3 (SEQ. NO.) 6  
5790  
SEQUENCE NO. (WRA USE ONLY)

DATE RECEIVED (WRA USE ONLY)  
4/17/79  
9:30 a.m.

OWNER: PRESTIGE HOME CONTRACTORS  
COL 15 LAST NAME FIRST NAME COL 34  
STREET OR RFD: 11965 FREDERICK RD  
COL 36 COL 56  
POST OFFICE: ELLICOTT CITY, MD 21043  
COL 57 COL 76

B 1 CONTINUED DRILLER INFORMATION  
1 2 3 (SEQ. NO.) 6  
DATE: 3/8/79 LICENSE NUMBER: 209  
77 80  
HOWARD DILLON  
FIRST NAME DRILLER LAST NAME  
SIGNATURE: Howard Dillon

B 3 LOCATION OF WELL  
1 2 3 (SEQ. NO.) 6  
COUNTY: HOWARD (DO NOT ABBREVIATE COUNTY NAME) 21  
SUBDIVISION: FRIENDSHIP MANOR 42  
SECTION: WEST FRIENDSHIP 50  
NEAREST TOWN: WEST FRIENDSHIP 71  
MILES FROM TOWN (ENTER 0 IF IN TOWN): 1 MI 78 77 78

B 2 WELL INFORMATION  
1 2 3 (SEQ. NO.) 6  
MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5 8 12  
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 300 14 20  
USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING, AGRICULTURE, IRRIGATION  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.  
 MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL  
 PRIVATE WATER COMPANY  
 TEST

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)  
1 2 3 (SEQ. NO.) 6  
N NORTH E EAST NE NORTHEAST SE SOUTHEAST  
S SOUTH W WEST NW NORTHWEST SW SOUTHWEST  
NEAR WHAT ROAD: MD RT 144  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N 32 S 32 E 32 W 32  
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 200 34 37 MI 38 39

APPROXIMATE DEPTH OF WELL: 250 FEET  
APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)  
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)  
BORED (OR AUGERED) JETTED DRIVEN  
30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)  
CABLE REVERSE-ROTARY DRIVE-POINT  
OTHER (DESCRIBE)

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)  
APPROPRIATION PERMIT NUMBER: 54 63 65  
ENGINEER REVIEW DISTRICT NO.:  
FORCE: WRITE INITIALS IN BOX CONDITIONS: 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL  
1 2 3 (SEQ. NO.) 6  
41 S STATE HEALTH (CIRCLE BOX) COUNTY NAME: Howard COUNTY NO.: W29559  
DATE: 031279 MO. DAY YR.  
APPROVED BY: Donald W. Monaghan, Sanitarian

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

17 Apr 79  
30' casing  
27' open hole  
3' above grade  
15 Bags cement  
MD RT #144 (GLK)  
location on back

BOX NUMBER: E 810 N 530  
NORTH COORDINATE: 50 51 52 53 54 55  
EAST COORDINATE: 57 58 59 60 61 62 63  
ELEVATION AT WELL HEAD (FEET): 65 66 67 68

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)  
1 2 3 (SEQ. NO.) 6

C 1 5564 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

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

STATE OF MARYLAND  
 WATER RESOURCES ADMINISTRATION  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
 WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 1/19/79

8-13

DEPTH OF WELL

250

22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"

73-31190

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 209

OWNER: Frontige Home Contractors

STREET OR RFD: 11065 Frederick Road

POST OFFICE: Blittsott City, Md. 21015

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Red Soil	0	30	
Red Rock	30	250	X

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT  C  M BENTONITE CLAY  B  C

NO. OF BAGS 13 NO. OF POUNDS 1235

GALLONS OF WATER 104

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 27 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL  S  T CONCRETE  C  O

PLASTIC  P  L OTHER  O  T

MAIN CASING TYPE  S  T

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 30

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL  S  T BRASS OR BRONZE  B  R OPEN HOLE  H  O

PLASTIC  P  L OTHER  O  T

DEPTH (NEAREST WHOLE FOOT)

FROM 30 TO 250

EACH SCREEN

1 H O 30 250

2

3

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN (NEAREST INCH)

56 FROM 60 TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING  T  W

LOG INDICATOR  70  72

OTHER DATA AVAILABLE  74  75  76

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 8

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 5

METHOD USED TO MEASURE PUMPING RATE GPM

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 30 (NEAREST FOOT)

WHEN PUMPING 22 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR  P PISTON  T TURBINE

C CENTRIFUGAL  R ROTARY  O OTHER (DESCRIBE BELOW)

J JET  S SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  Y  N

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

LAND SURFACE

49 ABOVE 50 51 (NEAREST FOOT)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE BOXES

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

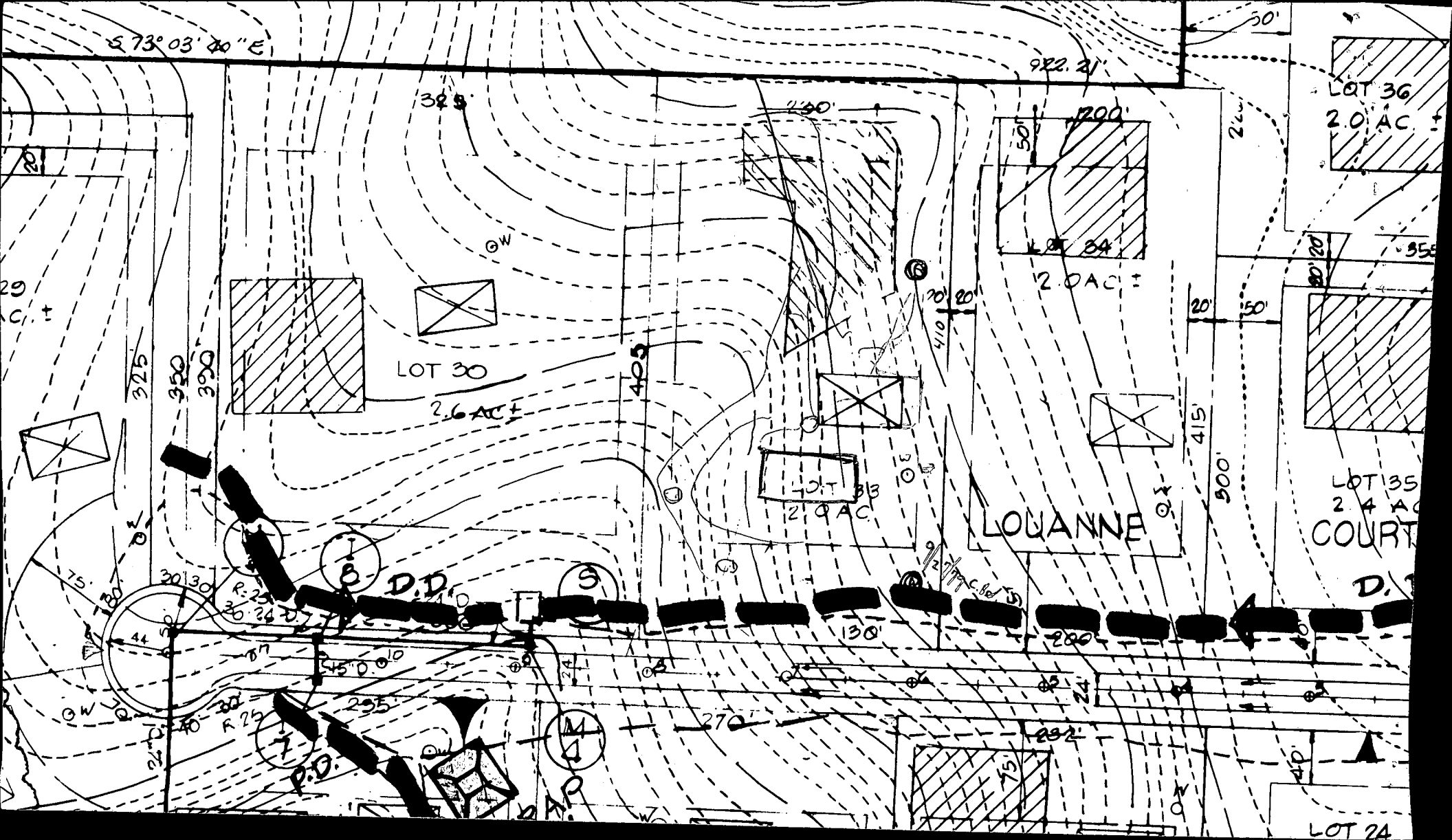
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

SIGNATURE

S 73° 03' 30" E

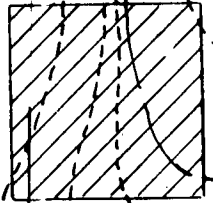


329

922.21'

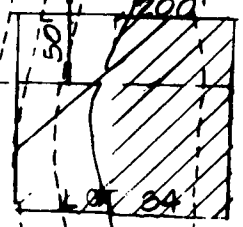
LOT 36

2.0 AC ±



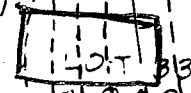
LOT 30

2.6 AC ±



LOT 34

2.0 AC ±



LOT 38

2.0 AC ±

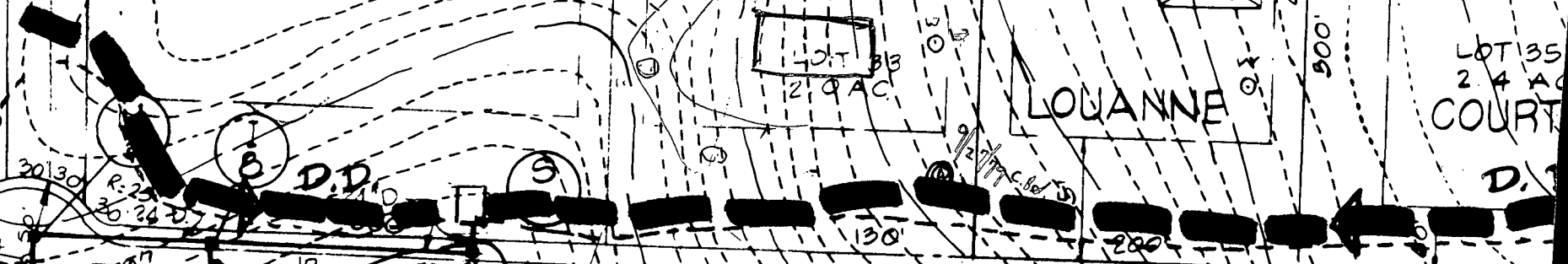
LOUANNE COURT

LOT 35

2.4 AC ±

COURT

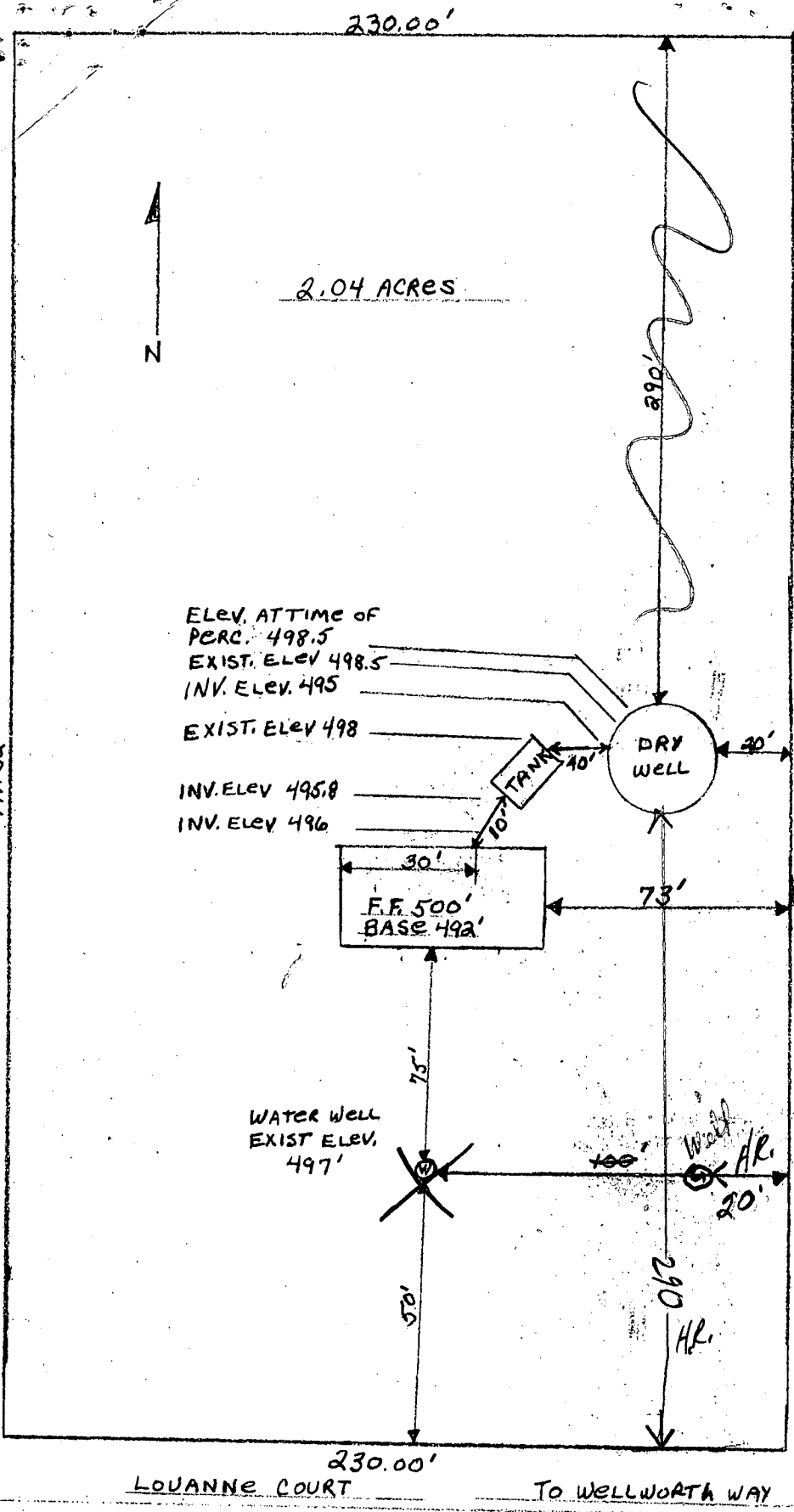
D.I.



D.D.

P.O.

LOT 24



See specs sheet  
 9/27/79  
 A.M. Retired  
 due to  
 not being  
 able to get  
 to dry well  
 area per F.F.  
 + D. J. O'Neill  
 C.B.  
 OK as

Corrected  
 3/10/79  
 4/20/79

LOT 33 FRIENDSHIP MANOR OWNER: PRESTIGE HOME CONTRS.  
 I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL  
 AND CORRECT FOR THIS PROPERTY.

*Herbert P. Rieger, CONTRACTOR*  
 Prestige Home Contractors  
 11965 Frederick Road  
 Ellicott City, Maryland 21043  
 Phone: 988-9551