

APP. 10/10/78  
JS

P 28995'  
A 25969

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

03-303012

ELLICOTT CITY

DISTRICT 3rd

DATE 10/10/78

## INDEXED

Mr. Fulton - Fulton, Inc. IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Eagles Loft ROAD Huntsman's Run LOT 15

PROPERTY OWNER Gary Knapp

ADDRESS \_\_\_\_\_

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 300 SQ. FT. total absorbent area in dry well.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 FT. BELOW ORIGINAL GRADE

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

LOCATE DISPOSAL AREA 190 FT. FROM front LOT LINE AND 60 FT. FROM right LOT LINE AS SEEN WHEN FACING LOT FROM road.

TRENCH-to be 45 ft. long with a total absorbent area of 260 sq. ft. Inlet to be 3 1/4 and maximum depth of 9 ft. Come off right side of dry well, run trench toward right lot line. Follow contour to keep trench level.

PLANS APPROVED BY William Zepp DATE 6/6/77

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.

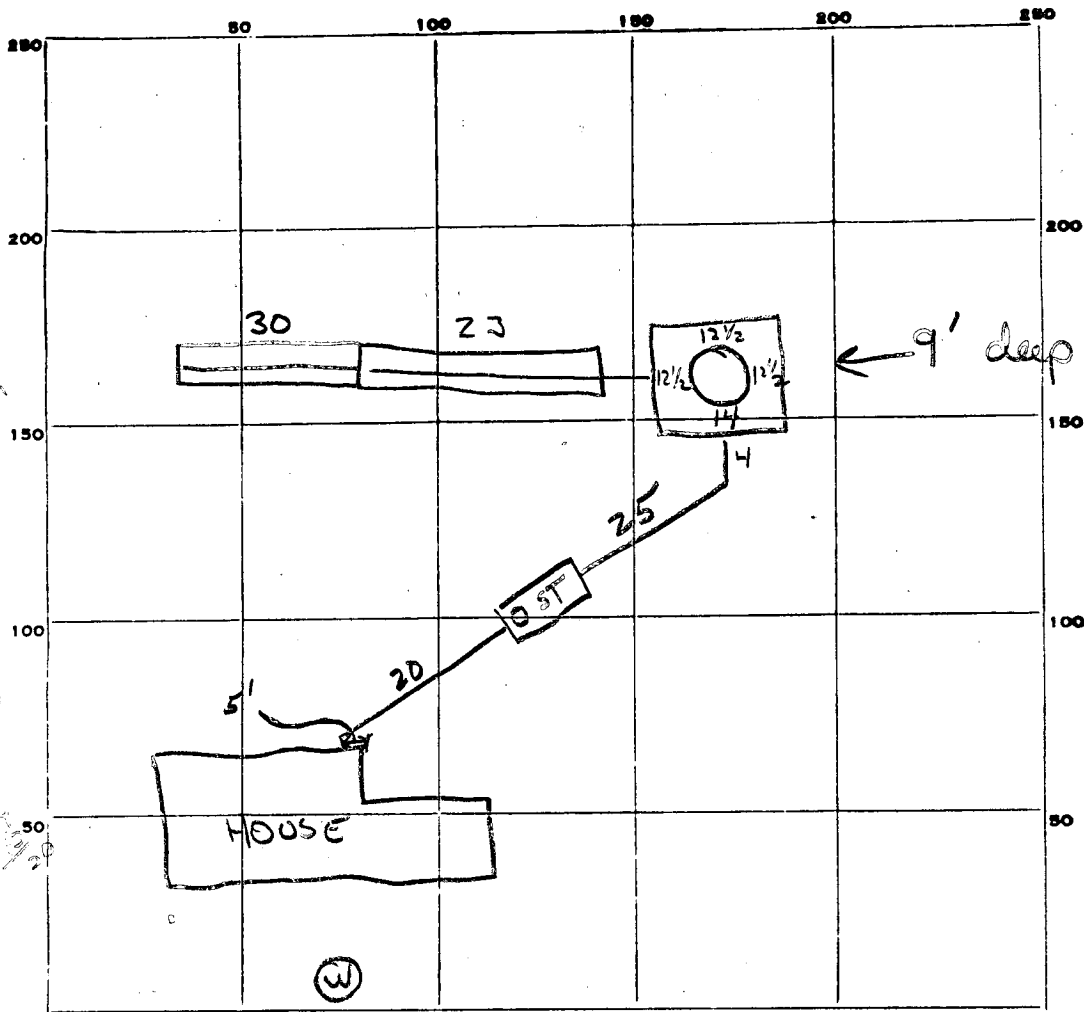
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZZO ACCEPTED.

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

A 25969



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Houtsman ROAD

4.55  
53  
375  
31.5  
15  
2375

37  
31  
25

318  
258

PERMIT CARD

SEPTIC TANK, LEVEL  1250

CLEANOUTS ST / DW  
MANHOLE

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 9' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 IN. TOTAL LENGTH 53 FT.

388

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS, <sup>perimble</sup> INSIDE DIAMETER 51.5 FT. DEPTH BELOW INLET 5 FT.

ABSORBENT AREA 576 SQ. FT.

576

REMARKS 130d 73 - (1) manhole type cleanout for septic tank (2) continue work on Drivwell 370K to add gravel to 23' section of trench (3) shorten and add 30' trench - call below add gravel. (5) OK to recheck house sewer, portion of septic tank, & Drivwell inlet. (GLK)  
170d 73 - call for final when gravel is added to trench & Drivwell. OK  
-> recheck septic tank (GLK) 10/18/78 OK TO COVER WORK. JS

DATE SYSTEM APPROVED 10/18/78

INSPECTOR J. Stayer

# APPLICATION

A 25969

P \_\_\_\_\_

*Retest*  
EXTENSION of  
APPLICATION #18304

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3<sup>RD</sup>

DATE 31 MAY 1977

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

*6/2/77  
1:30P.m.*

*OK to move back 40' fr. orig. spec.*

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 GARY R. KNAPP

ADDRESS 8816 BESTHOLD CARTH, COLUMBIA, MD 21045 PHONE 997-2656

PROPERTY LOCATION:

SUBDIVISION EAGLE'S LOFT LOT NO. 15

ROAD AND DESCRIPTION HUNTSMAN'S RUN

SIZE OF LOT 75,000 FT<sup>2</sup> TYPE BLDG. 3 OF 4  
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 *Gary Knapp*

APPROVED BY *William H. Zipp / CBS* FOR *Drywell's trench* DATE *6/6/77*  
(KIND OF SYSTEM)

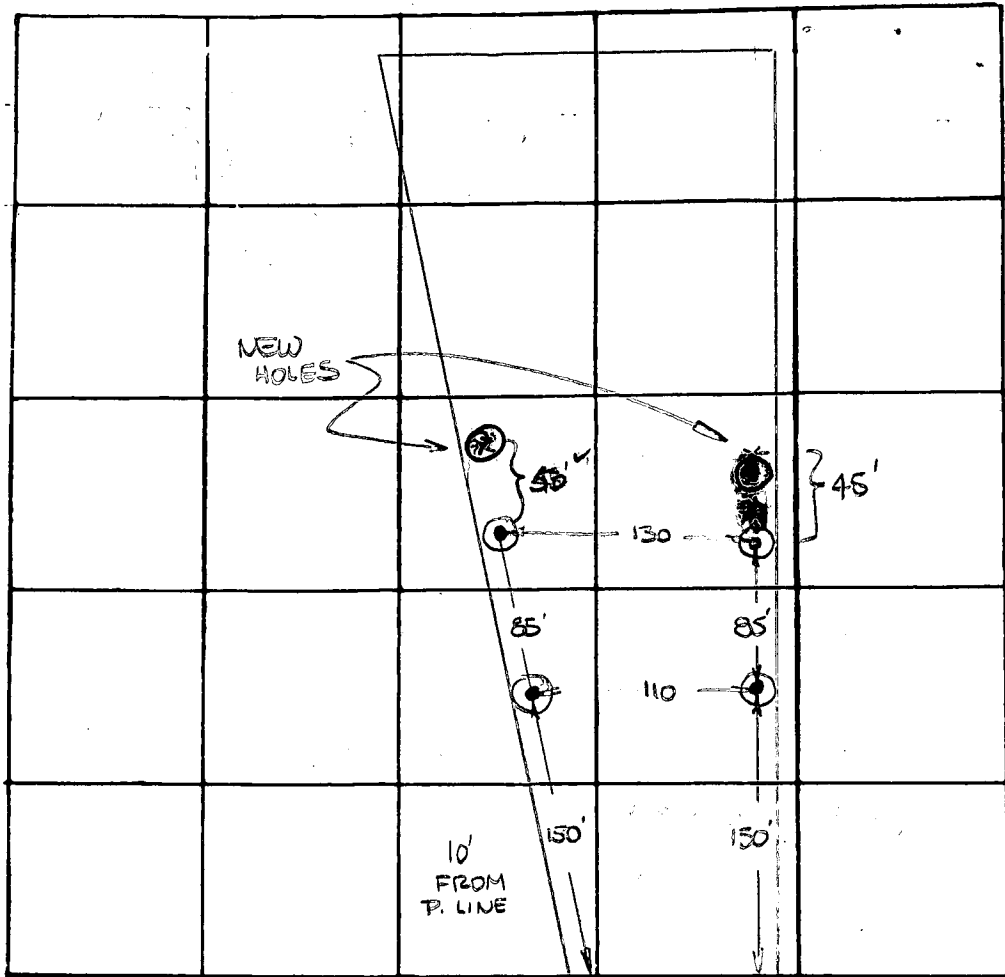
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

BLDG. PERMIT SIGNED  
AND RETURNED 3/29/78  
serial # 34898

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE  
HUNTSMAN'S RUN

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2/77	7	4 1/2	2:15	2:16	2:16	2:18	2
	7-A	12	2:18	2:25	2:25	2:35	10
	8	3 1/2	2:38	2:42	2:42	2:55	13
	8-A	11	2:43	2:47	2:47	3:00	13

REMARKS 8 very hard in bottom; sandy + stony fr. top

TYPE OF SOIL sandy micaceous

TESTED BY WWT ALSO PRESENT: owner, Butterfield's

# APPLICATION

A 18304

P \_\_\_\_\_

## 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: 465-5000, EXT. 356

DISTRICT 3rd

DATE 4/18/73

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 Adelphia Developers

ADDRESS 6931 Donachie Road, Balto., Md. 21239 PHONE Purdum & Jeschke 465-1635

PROPERTY LOCATION:

SUBDIVISION Adelphia LOT NO. 15

ROAD AND DESCRIPTION Unnamed road

SIZE OF LOT 72,000 sq. ft. 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/ Purdum & Jeschke

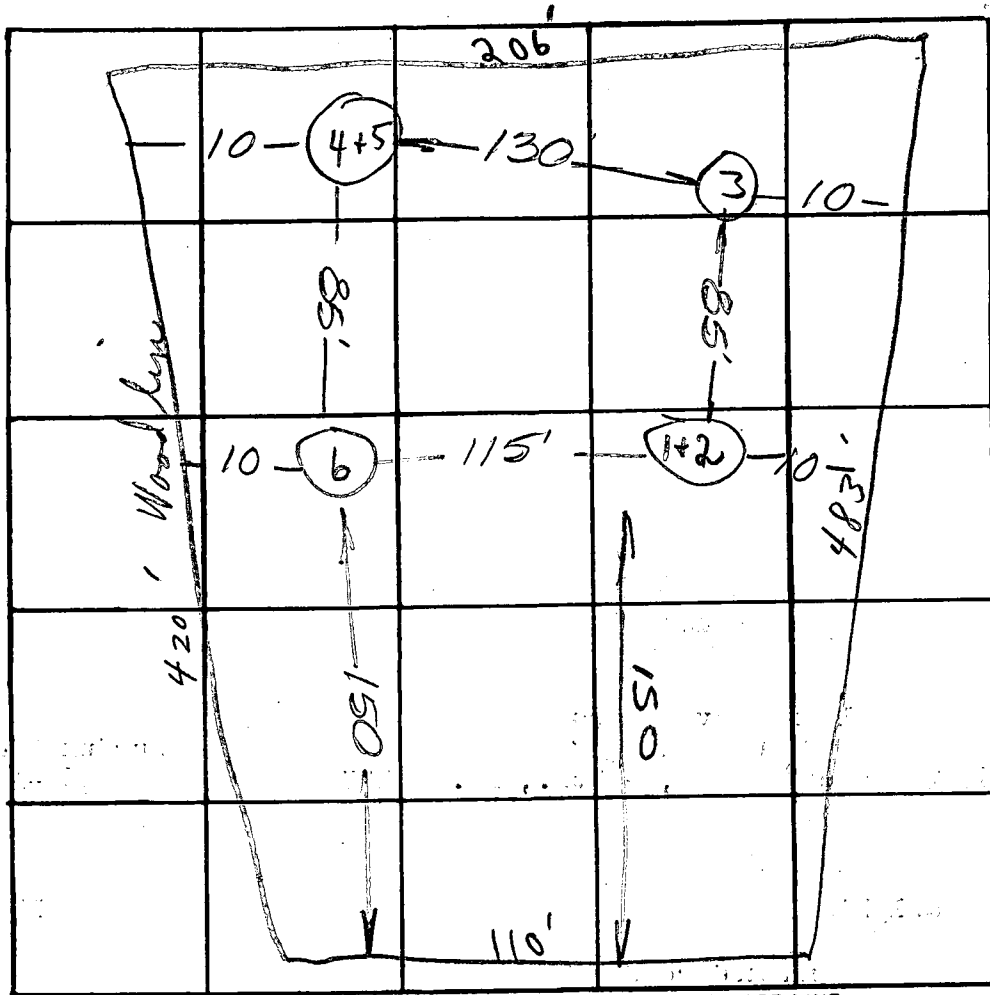
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

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

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Unnamed Rd 70X75

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/24/93	1	3' s	11:20	11:22	11:22	11:25	3 min	
	2	10' 20"	11:20	11:24	11:24	11:32	8 min	
	3	9' 0" Visual	hole similar to 1+2					
	4	3' s	10:59	11:01	11:01	11:04	3 min	
	5	10' + 0"	10:59	11:06	11:06	11:18	12 min	
	6	9' 0" Visual	hole similar to 4+5					
						4 26	7 min	

Soiled  
3'

REMARKS Hold certification of holes c. B.S. 08/1/93

TYPE OF SOIL Sandy & Gravel

C 1 **4515** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COES 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) Mar 22 78 DEPTH OF WELL 265 PERMIT NO. FROM "PERMIT TO DRILL WELL" 170-25-2500

DATE WELL COMPLETED 15 20 (TO NEAREST FOOT) 26

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 238

OWNER Theroburn LAST NAME James FIRST NAME

STREET OR RFD 118 Truchess Landing POST OFFICE Columbia

**WELL DESCRIPTION**

**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	
<u>Sand</u>	<u>0</u>	<u>64</u>	
<u>Black Rock</u>	<u>64</u>	<u>265</u>	<input checked="" type="checkbox"/>

Added to record using 15'  
with sand

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT  BENTONITE CLAY

NO. OF BAGS 25 NO. OF POUNDS 2350

GALLONS OF WATER 150

**DEPTH OF GROUT SEAL (TO NEAREST FOOT)**

FROM 0 FT. TO 50 FT.

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE

PLASTIC  OTHER

MAIN CASING TYPE  NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 64

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE

PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM 65 TO 265

1 2 3 (SEQ. NO.) 6

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 56 (NEAREST INCH) FROM 65 TO \_\_\_\_\_

GRAVEL PACK \_\_\_\_\_

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX)

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 4

METHOD USED TO MEASURE PUMPING RATE iii

**WATER LEVEL: (DISTANCE FROM LAND SURFACE)**

BEFORE PUMPING 65 (NEAREST FOOT)

WHEN PUMPING 5 (NEAREST FOOT)

**TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)**

AIR  PISTON  TURBINE

CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)

JET  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)  YES  NO

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_

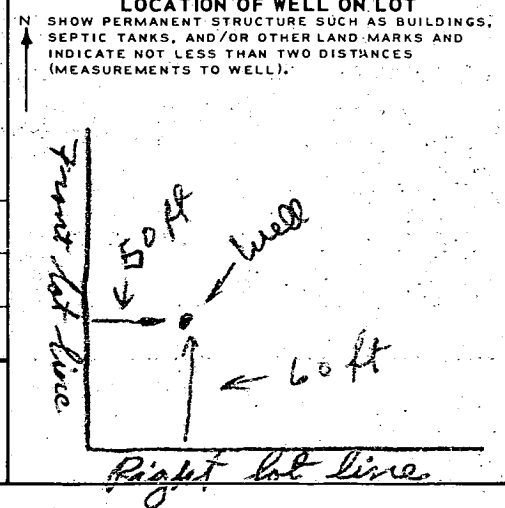
PUMP HORSE POWER \_\_\_\_\_

PUMP COLUMN LENGTH (NEAREST FOOT) \_\_\_\_\_

**CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)**

ABOVE  BELOW

LAND SURFACE 2 (NEAREST FOOT)



**CIRCLE APPROPRIATE BOXES**

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

ELECTRIC LOG OBTAINED

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 Joseph J. Williams

(PLEASE PRINT) Joseph Williams

SIGNATURE Joseph Williams

3/28/78 Revised elevations  
and locations appl.  
NWZ

HUNTSMANS RUN

ELEVATIONS

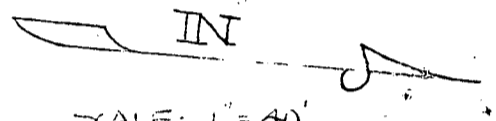
		109.0	109.0
A	EXISTING WELL	109.0	109.0
B	HOUSE FF.	104.0	105.0
C	HOUSE BASEMENT	96.0	97.0
D	INV. FROM HOUSE	97.5	95.8
E	INV. TO SEPTIC	97.0	95.5
F	INV. FROM SEPTIC	96.5	95.2
G	INV. TO DRYWELL	96.0	95.0
H	GRADE AT DRYWELL	99.0	98.0

REVISED  
3/27

CAPACITIES\*

- SEPTIC TANK 1500 GAL
- DRYWELL ABS AREA 366 ft<sup>2</sup>
- TRENCH ABS AREA 120 ft<sup>2</sup>

\* BASED ON 3 BDRM HOUSE w/ DISPOSAL



SCALE: 1" = 40'

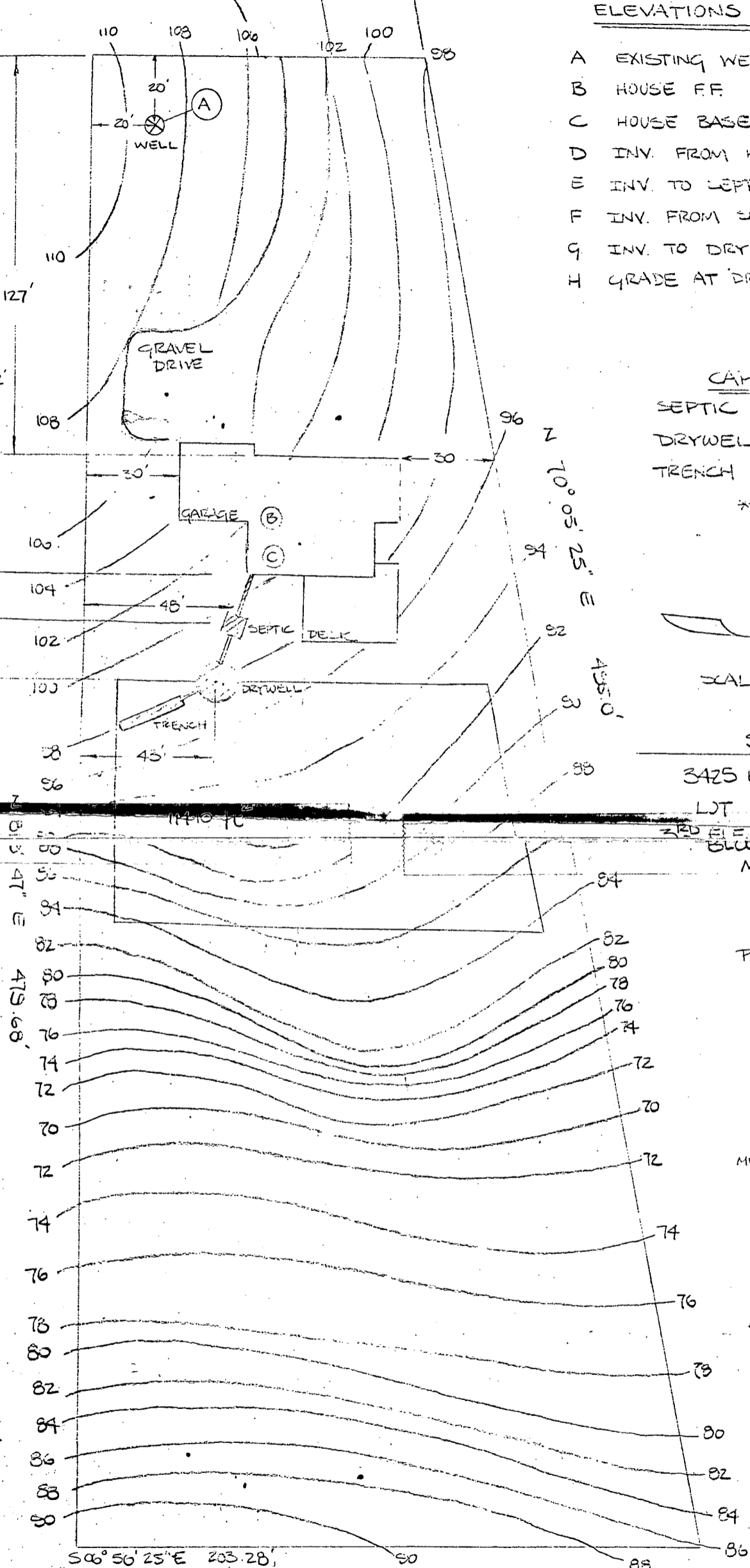
SITE PLAN

3425 HUNTSMANS RUN  
LOT 5 EXCLES LOT  
2ND ELEV. ZONE  
BLOCK 3 ZONE 1  
MAP NO. HC 27

PREPARED BY:  
GARY R. KNAPP  
OWNER

I CERTIFY THE  
MEASUREMENTS AND  
ELEVATIONS ARE ACTUAL  
AND CORRECT FOR THIS  
PROPERTY

*Gary R. Knapp*  
2/12/78  
(REVISED  
2/25/78)  
(REVISED  
3/27/78)



SEPTIC SECTION

SCALE: 0.1" = 1.0'

REVISED 2/27

