

9/21/94 NOW

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50304 E

A REPAIR

DISTRICT 5th

DATE 9/29/94

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

DATE SYSTEM APPROVED 9/21/94

INSPECTOR DKS

# INDEXED

Jack Fyock Septic Service

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 988-9270

SUBDIVISION Linden Chapel Hills LOT 11, Blk. A, Sec 5 ROAD 13156 Orion Drive

PROPERTY OWNER Knight  
ADDRESS 13156 Orion Drive  
Dayton, Maryland 21036

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

125 SQUARE FEET PER BEDROOM

$$\begin{array}{r} 125 \\ \times 3 \\ \hline 375 \end{array}$$

LINEAR FEET OF TRENCH REQUIRED 54'

REPAIR - PURPOSE - SEPTIC SYSTEM HAS FAILED.

Call for inspection when ground is opened so sanitarian can recommend repair. 09/21/94

Install 2 trenches off existing drywell along contour  
trenches to be 25' and 35' in length  
Inlet 3', bottom 10', stone 7'.

PLANS APPROVED BY [Signature] DATE 9/21/94

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

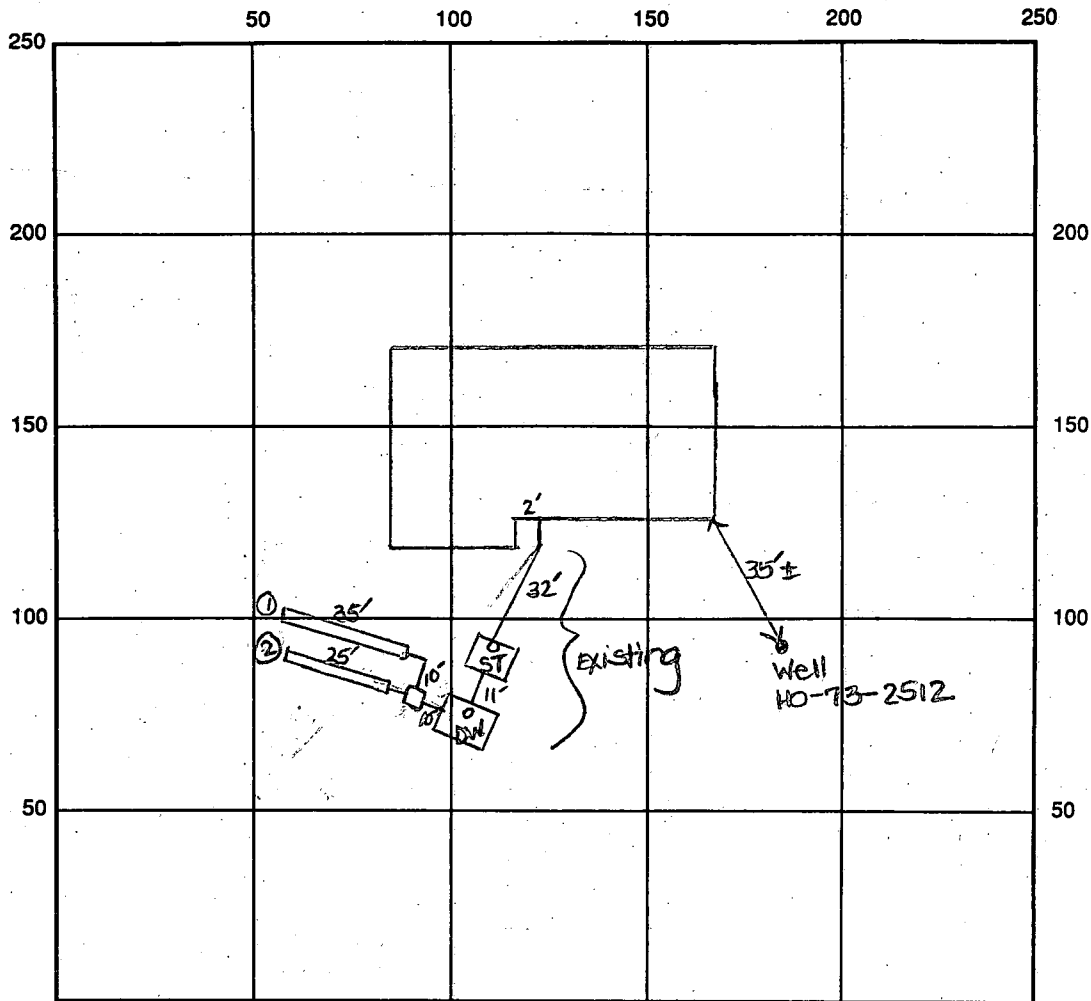
PERMIT VOID AFTER TWO YEARS

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**

P 50304 E



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Orion Drive

SEPTIC TANK LEVEL Existing CLEANOUTS one on s.t., one on d.w.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 10 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 7 FT. TOTAL LENGTH ① 35' @ 25' → 60' total

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 420 SQ. FT.

DRYWALL INSIDE DIAMETER Existing FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 420 SQ. FT. + Existing

REMARKS: 9/21/94 Final - OK to cover all work. DKS

DATE SYSTEM APPROVED 9/21/94 INSPECTOR [Signature]

APP - 4-24-78  
DW 710

4/24/78  
as soon as possible

# PERMIT

P 27588  
A 22771

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 2/22/78

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS Glenelg, Md. PHONE \_\_\_\_\_

SUBDIVISION Linden Chapel Hills ROAD Orion Drive LOT 11, Blk. A, Sec. 5

PROPERTY OWNER Willson Development

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 135 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

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

LOCATE DISPOSAL AREA 15 FT. FROM front LOT LINE AND 90 FT. FROM left LOT LINE AS SEEN WHEN  
FACING LOT FROM Orion Drive.

*If trench is used, use 5 ft. earth buffer and 2 inspections required.*

PLANS APPROVED BY Charles B. Streaker DATE 10/28/77

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.

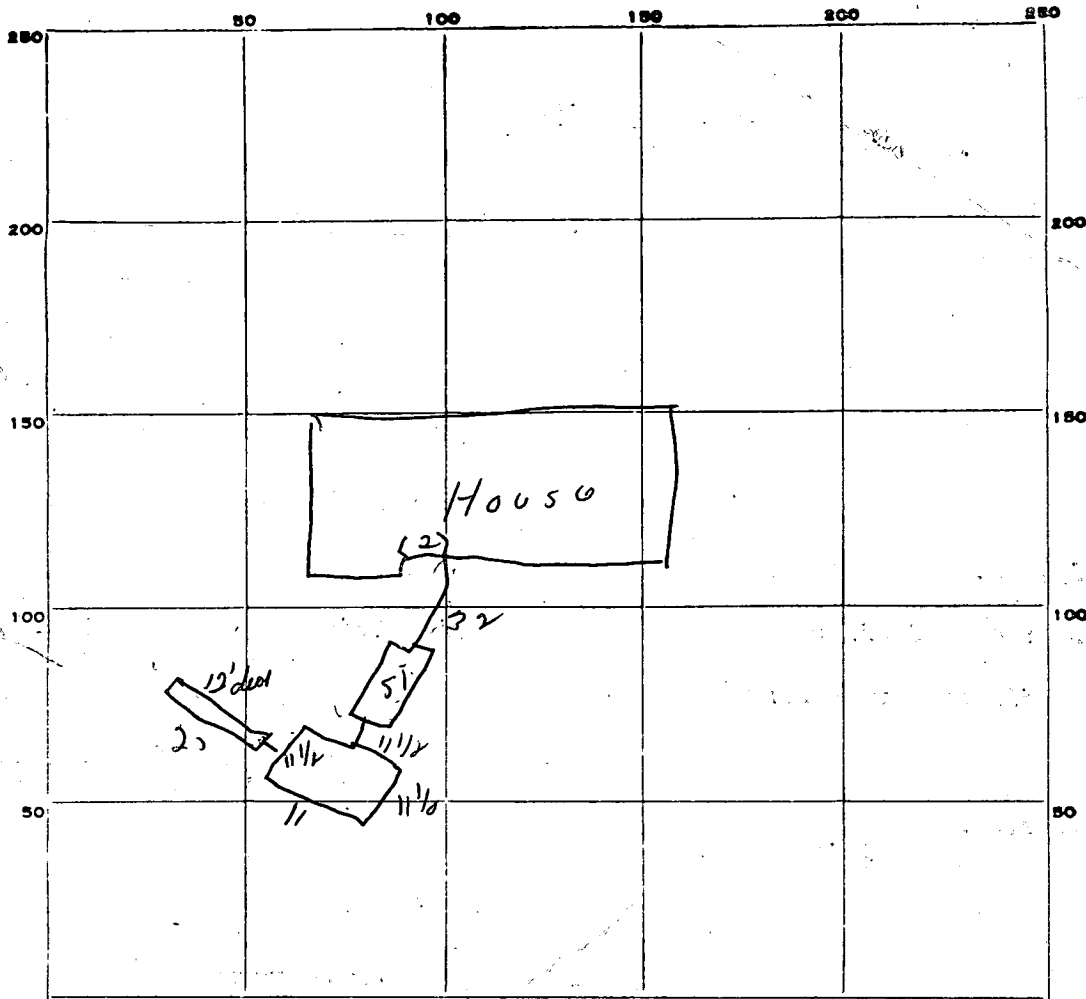
PERMIT VOID AFTER THREE YEARS.

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

BLDG. PERMIT SIGNED  
AND RETURNED 3/17/81  
Serial # 45920  
prol.

A 22771

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



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

*Ocean Drive*

PERMIT CARD OK

SEPTIC TANK, LEVEL OK

CLEANOUTS OK

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

TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 96 IN. TOTAL LENGTH 25 FT.

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

SEEPAGE PITS, INSIDE DIAMETER Perimeter 45 1/2 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 364 SQ. FT. } 564 ± sq ft.  
500 in band

REMARKS \_\_\_\_\_

DATE SYSTEM APPROVED 4-24-78

INSPECTOR *[Signature]*

135  
45.5  
8  
3640  
95  
8  
200

# APPLICATION

A 22771

## 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

Septic Tank { 1-3 Bedrooms 1000 gallons  
4 Bedrooms 1250 gallons  
DISTRICT 5  
DATE 1/27/76

4-13'  
Holes in  
10,000 ft.  
Preliminary

⊕ Dry well to have 135 sq ft.  
effective absorbant sidewall area per bedroom  
below first 5 1/2' of original soil. ~~entire~~ in at  
4' and maximum depth 12'. Location per engineer's  
plat: 15' off front property line and 90' from left property  
line when facing lot from Orion Drive.

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

⊕ Dry well & trench used need:  
① 5' earth buffer  
between trench  
& dry well.

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE  
DISPOSAL SYSTEM.

PROPERTY OWNER Frank F. Willson & wf. et al

ADDRESS Ashton Realty Co., Route 108, Ashton, Md. PHONE (8) 924-4811

PROPERTY LOCATION:

SUBDIVISION Linden Chapel Hills LOT NO. 11, Blk A, Sec. 5

ROAD AND DESCRIPTION Orion Drive

SIZE OF LOT 54,800 sq. ft. TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_ NUMBER OF BEDROOMS (Single Fmly. Dwllg.)

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

SIGNATURE OF APPLICANT /s/ Robert Johnsen BLDG. PERMIT SIGNED AND RETURNED 2/9/78

APPROVED BY C. B. Streaker FOR Dry Well & Trench DATE 10/28/77  
(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



# APPLICATION

A 22771

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 5DATE 1/27/76

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Frank P. Willson & wf. et alADDRESS 3 Ashton Realty Co., Route 108, Ashton, Md. PHONE (8) 924-4811

## PROPERTY LOCATION:

SUBDIVISION Linden Chapel Mills LOT NO. 11, Blk. A, Sec. 5ROAD AND DESCRIPTION Orion DriveSIZE OF LOT 54,800 sq. ft. TYPE BLDG. 3 or 4IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_  
NUMBER OF BEDROOMS  
(Single Emly. Dwllg.)

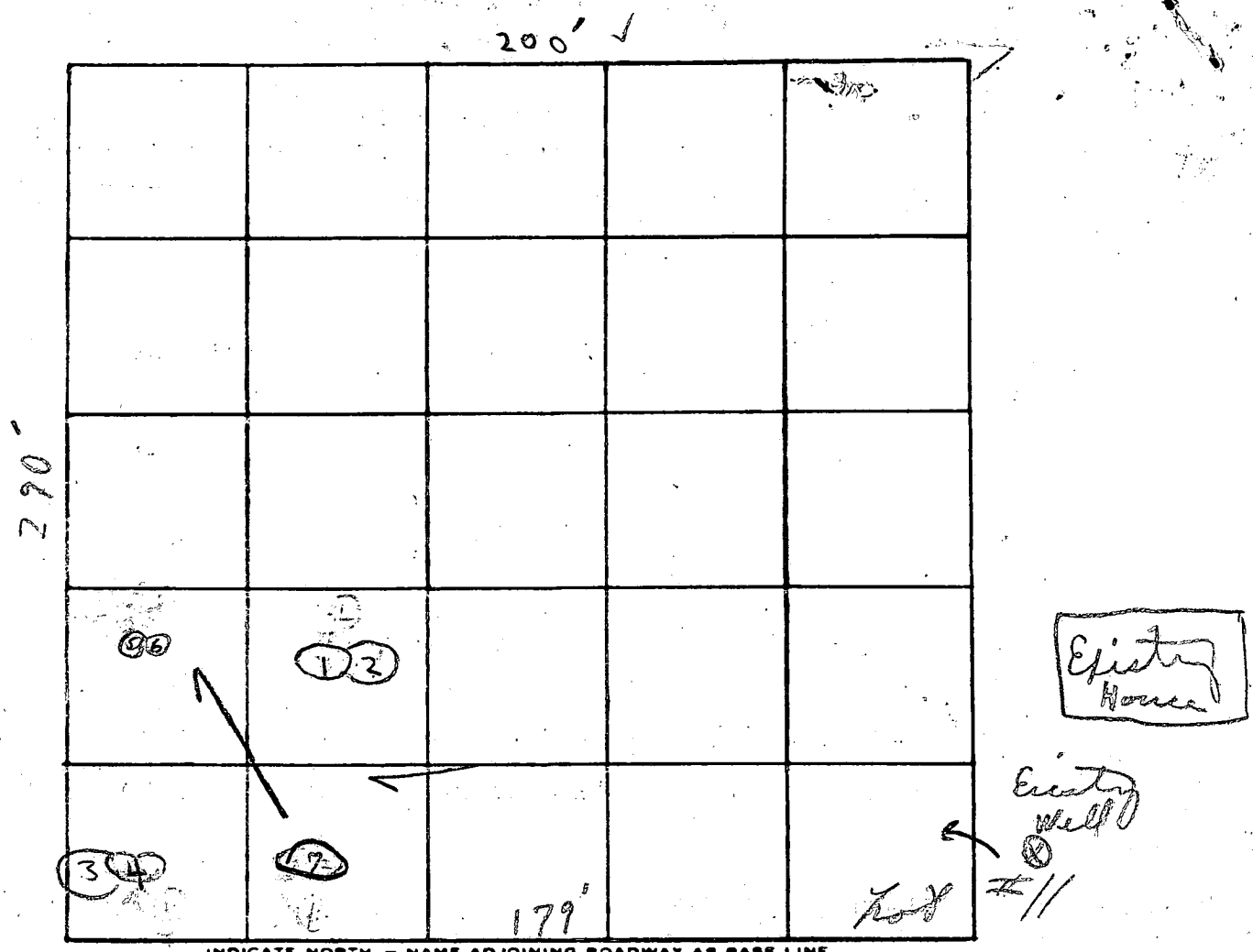
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Robert JohnsonAPPROVED 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



*Orion Drive*

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/14/76	1	5 1/2'	1:35	1:37	1:37	1:51	14 min	
	(16) 2	12 1/2'	1:35	1:38	1:38	1:44	6 min	
	3	5 1/2'	1:12	1:15	1:15	1:24	9 min	
	(14) 4	13' 0"	1:12	1:16	1:16	1:27	11 min	
	(14) 5	6' 3"	1:20	1:28	1:28	1:42	14 min	
	6	13 1/2' 0"	1:20	1:22	1:22	1:25	3 min	
	(H) 7	12 1/2'	Visual similar to others near				1:52	10 min

*Notes*  
all holes  
about

*drilled 4'*  
*good ground*  
5 1/2'

*135 sq ft*

*slightly higher*

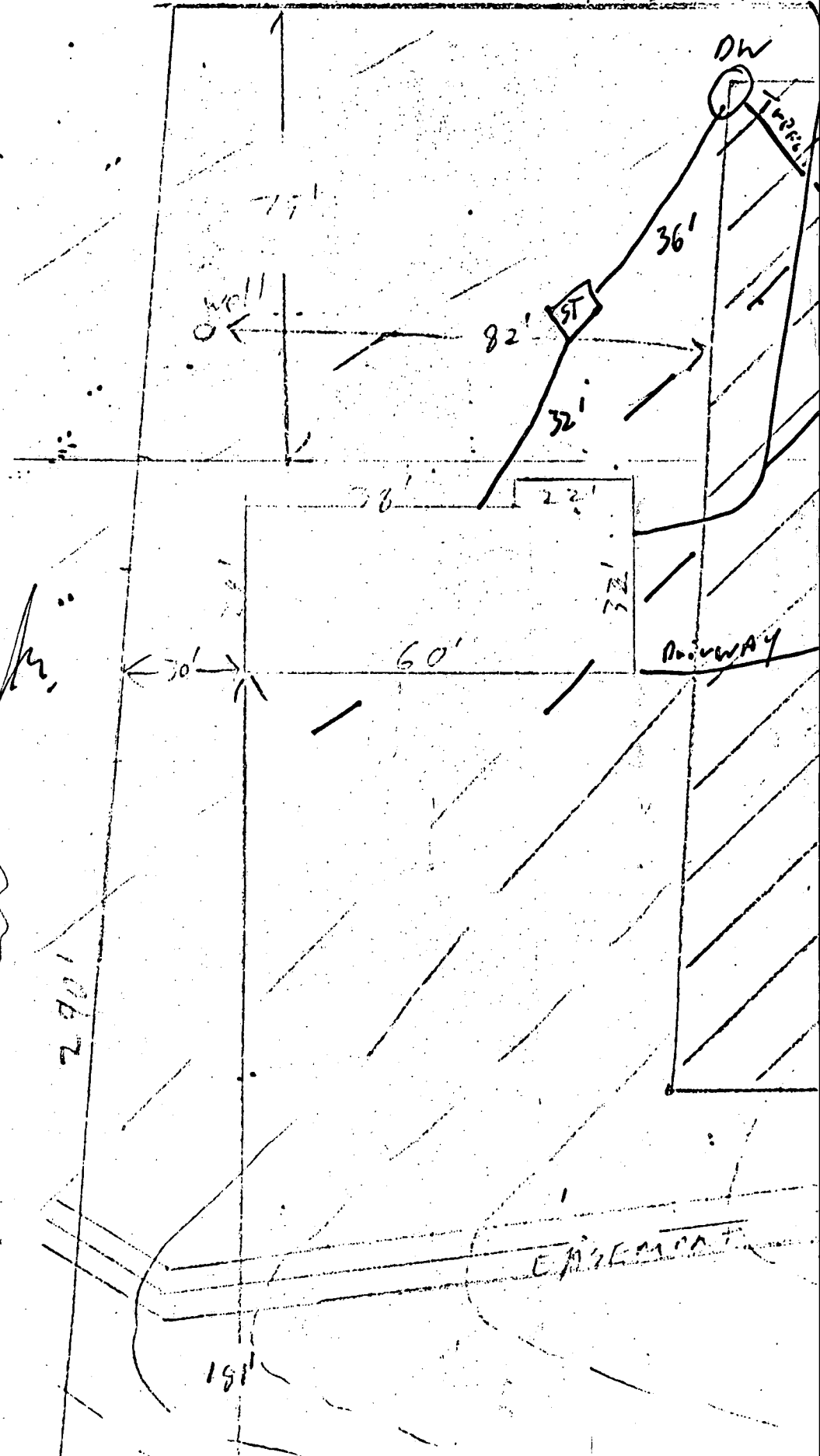
REMARKS \_\_\_\_\_

TYPE OF SOIL Non homogeneous below clay!!

TESTED BY C. BOV ALSO PRESENT: J. F. York + men

564

ORION III



- 563.6
- 564
- 556
- ~~554.3~~
- ~~550.5~~
- 562.5
- ~~555.5~~
- 563
- 563

560.7  
 560.4  
 559

*J.W.M.*

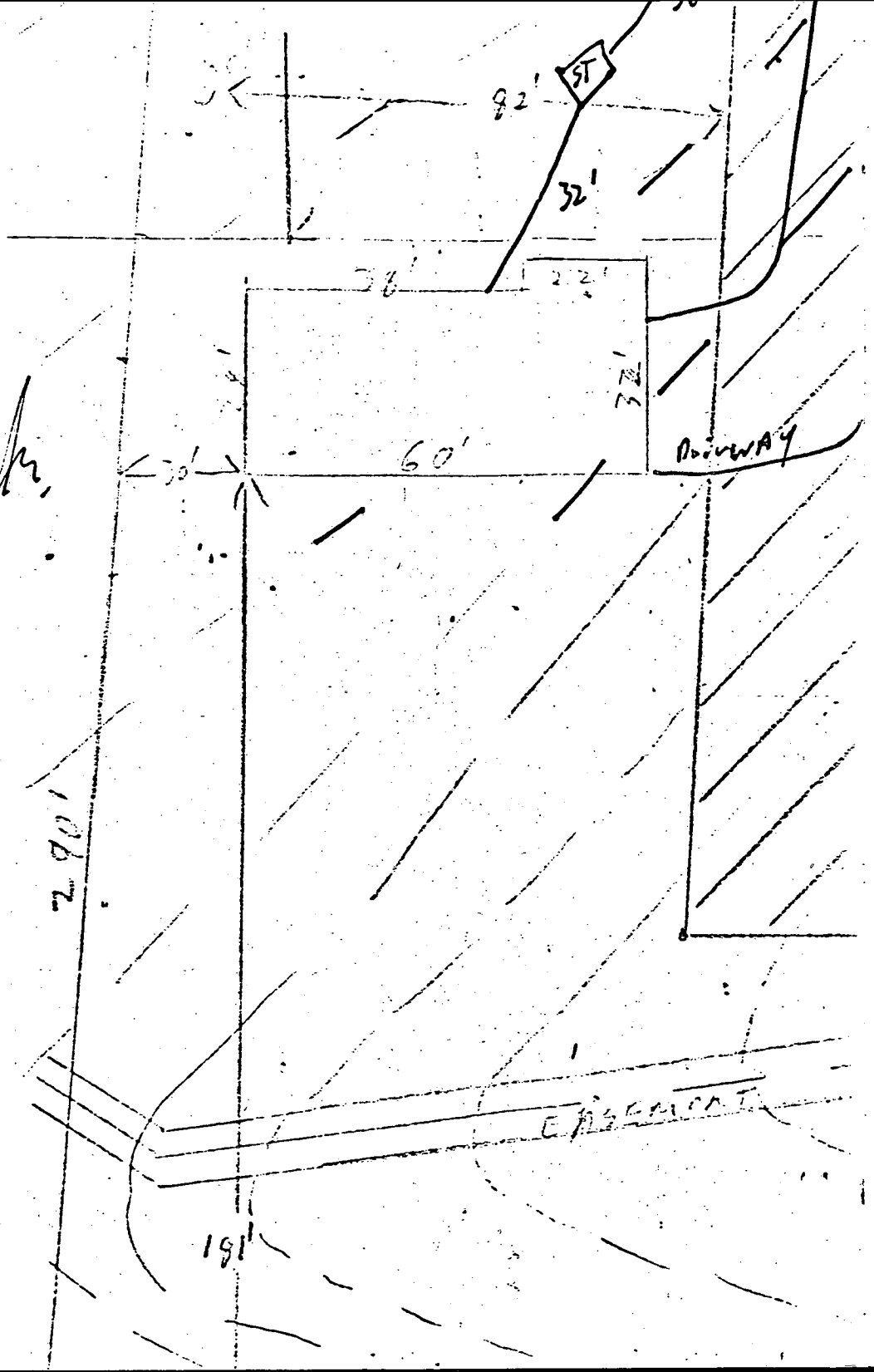
reviewed earlier  
 both the is copy }  
 1/1/02 ok  
 C.B.S.

ps In  
 EGW.Tr.

Well	563.6
First Fl	564
DASE.	556
Inv House	<del>560.3</del> 560.7
Inv Tank	<del>560.5</del> 560.5
Exist. Tank	562.5
Inv Pit	<del>555</del> 559
Exist Pit	563
Exist Test	563

*C. J. W. Jr.*

reviewed earlier  
 2/7/72 { built this is copy }  
 C.B.



No Fixtures In  
Basement EGW.Tr.



SEQUENCE NO. (WRA USE ONLY)  
**4732**

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 2/1/78 DEPTH OF WELL 120 (TO NEAREST FOOT) 22 \_\_\_\_\_ 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" 70-19-2012 28 29 30 31 32 33 34 35 36 37

8-13 15 20 DRILLERS IDENTIFICATION NO. 42

OWNER Wilson Development Corp. LAST NAME FIRST NAME  
 STREET OR RFD P.O. Box 41 POST OFFICE SANDY SPRING, Md. 20860

**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	
Top Soil	0	3	
slaty	3	15	
SANDY	15	20	
SHALESTONE	20	45	✓
MICA	45	20	✓

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY

NO. OF BAGS 6 NO. OF POUNDS 600

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 28 FT. (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE   
 PLASTIC  OTHER

MAIN CASING TYPE ST 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  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM 28 TO 120

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM \_\_\_\_\_ TO \_\_\_\_\_

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

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68

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) 15

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 15 (NEAREST FOOT)  
 WHEN PUMPING 120 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 AIR  PISTON  TURBINE  
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  
 JET  SUBMERSIBLE

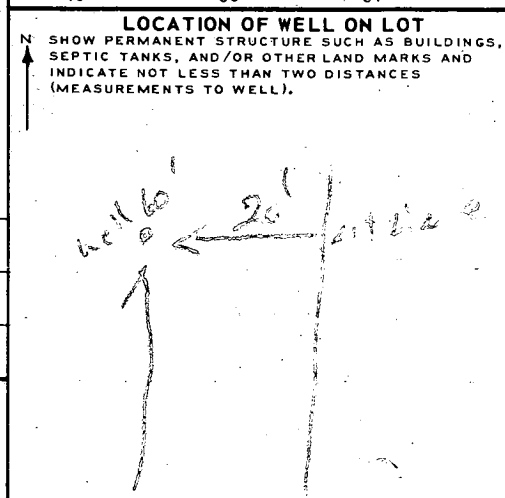
**PUMP INSTALLED**

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 } LAND SURFACE (NEAREST FOOT) 2  
 BELOW }



**CIRCLE APPROPRIATE BOXES**

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

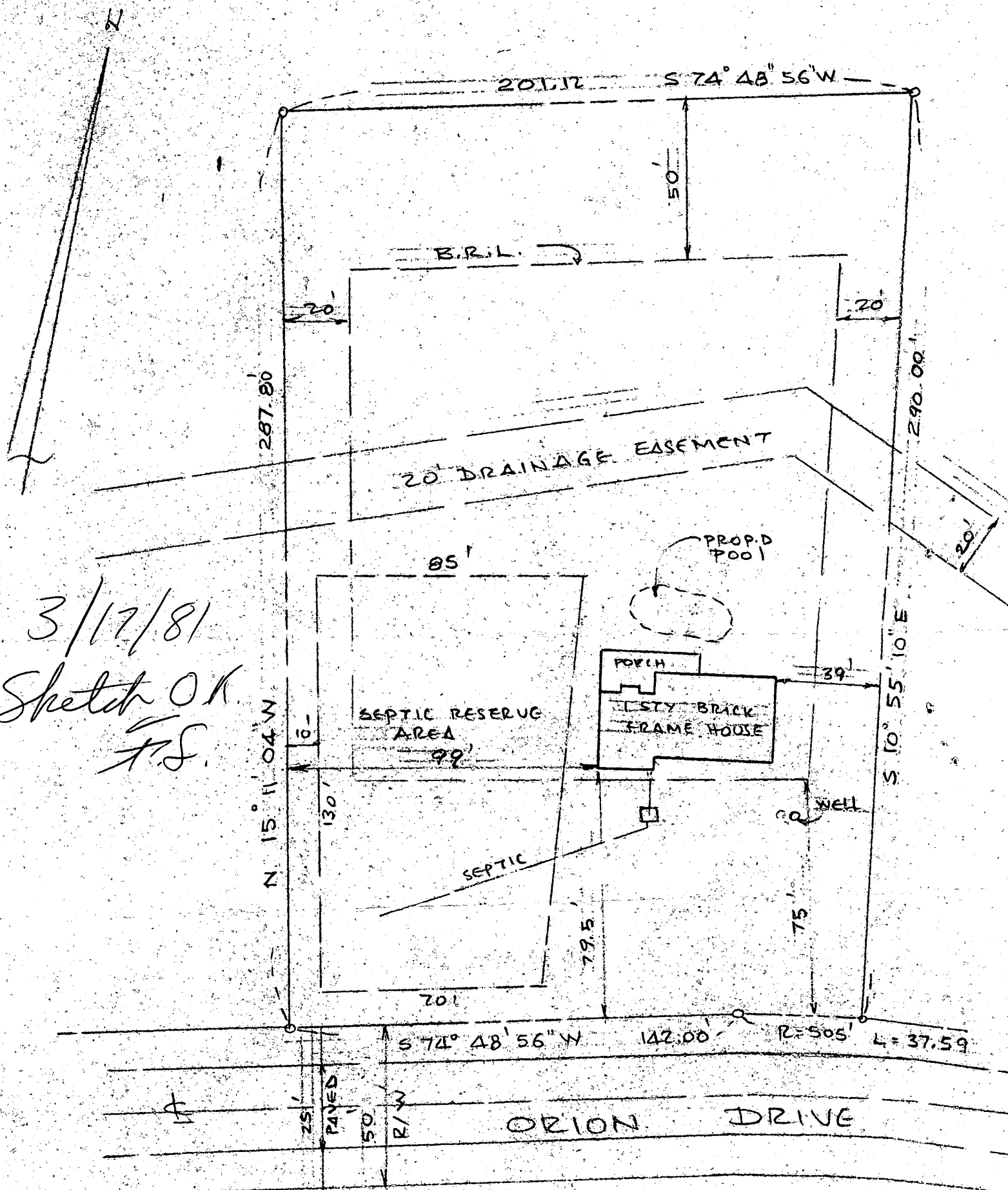
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME L. F. Easterday

(PLEASE PRINT) L. F. Easterday

SIGNATURE L. F. Easterday

3/17/81  
Sketch OK  
F.S.



SITE PLAN

SCALE: 1" = 40'