

approved 8/10/79

J. Stayer

P 30013

A 29392

be ready soon around noon

8/9/79  
8/10/79

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 7/23/79

## INDEXED

Paul Schissler

IS PERMITTED TO INSTALL  ALTER

ADDRESS 2338 Erin Road, Sykesville, Maryland 21784

PHONE 795-3708

SUBDIVISION \_\_\_\_\_ ROAD 3510 Folly Quarter Rd. LOT \_\_\_\_\_

PROPERTY OWNER Walter W. Beck

ADDRESS 12402 Lime Kiln Road, Fulton, Md.

Phone: 953-2179 or 792-0243

SPECIFICATIONS 4 BEDROOMS

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS

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

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

SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

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

LOCATE DISPOSAL AREA 240 FT. FROM front LOT LINE AND 61 FT. FROM right LOT LINE AS SEEN WHEN FACING LOT FROM front lot line.

NOTE: For the purposes of these specifications the front lot line is the 916.87 ft. long line running N 56 degrees 20 ft. 31 inches E. It runs along the gas pipe line right-of-way.

PLANS APPROVED BY Raymond Hogges

DATE 3/8/79

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.

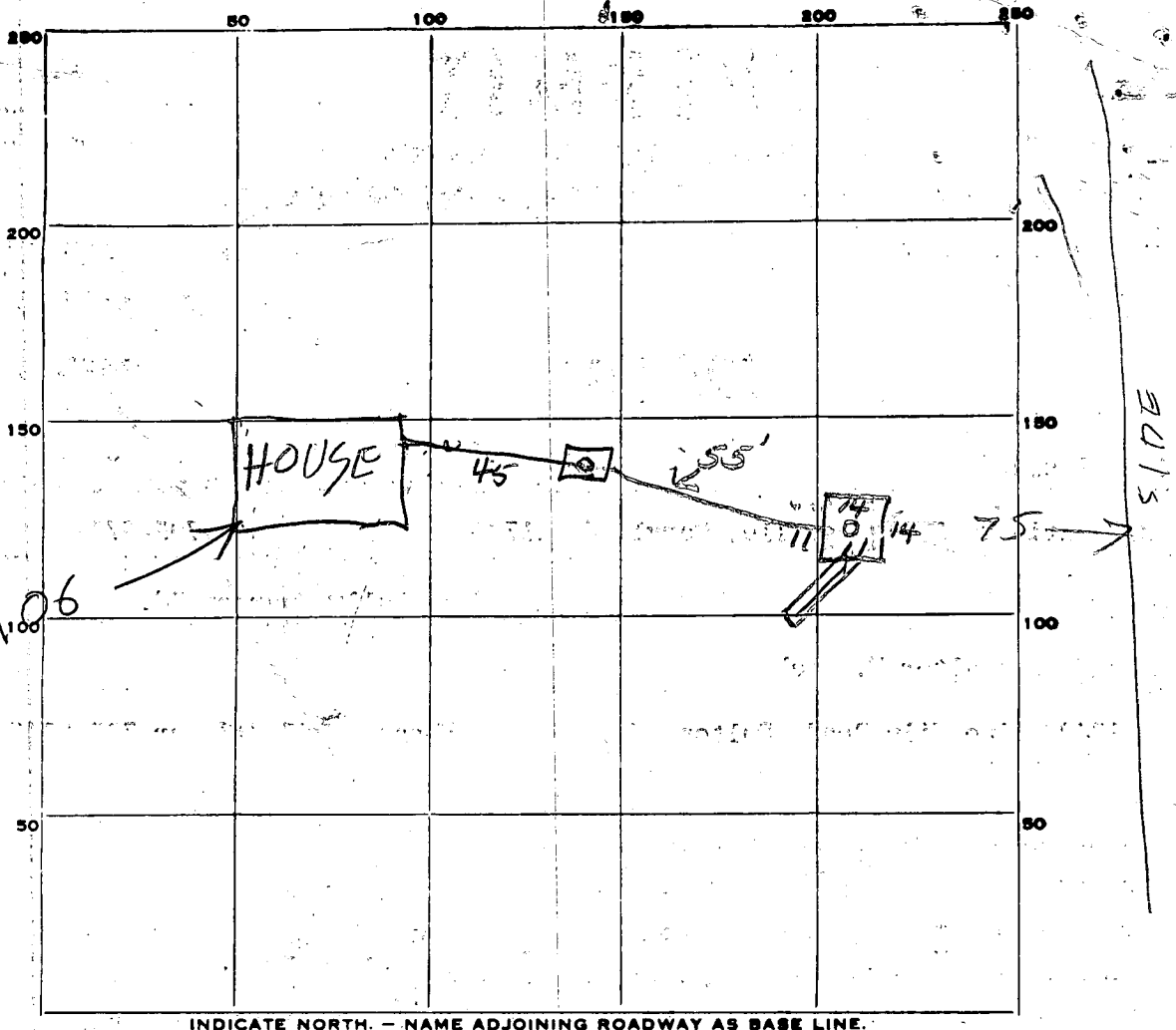
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

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

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

A 29392



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD  ST | DW

SEPTIC TANK, LEVEL OK 1500 CLEANOUTS OK OK - Cast Iron

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

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

GRAVEL DEPTH 9 IN. TOTAL LENGTH 12 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 108

SEEPAGE PITS, INSIDE DIAMETER 50 FT. DEPTH BELOW INLET 9 FT.

ABSORBENT AREA 550 SQ. FT.

REMARKS 8/9/79 - 4BR = 480 SF REQUIRED LOCATION  
OK PER PLANS 115 PM 8/9/79 240 PM - DW  
HOLE & DITCH DUG, FINISH JOB & CALL. OK TO  
COVER TANK & HOUSE SEWER  
8/10/79 OK to cover all work. JF

DATE SYSTEM APPROVED 8/10/79 INSPECTOR J. Stames

<b>B 1</b>	<b>5871</b>	SEQUENCE NO. (WRA USE ONLY)	<b>STATE OF MARYLAND</b> <b>WATER RESOURCES ADMINISTRATION</b> <b>TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	<b>WRA PERMIT NUMBER</b> <span style="font-size: 24pt;">40733146</span> <b>FILL IN THIS FORM COMPLETELY</b>
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DATE RECEIVED (WRA USE ONLY) <span style="font-size: 24pt;">3/12/79</span> <span style="font-size: 18pt;">9:30 A.M.</span>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">OWNER COL 15 LAST NAME <i>Leak, Walter</i></td> <td style="width:50%;">FIRST NAME COL. 34 <i>Walter</i></td> </tr> <tr> <td colspan="2">STREET OR RFD COL 36 <i>12402 Pine Kila Rd</i></td> </tr> <tr> <td colspan="2">POST OFFICE COL 57 <i>Fulton, Md 20759</i></td> </tr> </table>	OWNER COL 15 LAST NAME <i>Leak, Walter</i>	FIRST NAME COL. 34 <i>Walter</i>	STREET OR RFD COL 36 <i>12402 Pine Kila Rd</i>		POST OFFICE COL 57 <i>Fulton, Md 20759</i>	
OWNER COL 15 LAST NAME <i>Leak, Walter</i>	FIRST NAME COL. 34 <i>Walter</i>						
STREET OR RFD COL 36 <i>12402 Pine Kila Rd</i>							
POST OFFICE COL 57 <i>Fulton, Md 20759</i>							

<b>B 1</b>	<b>CONTINUED</b>	<b>DRILLER INFORMATION</b>
1 2 3 (SEQ. NO.) 6		
DATE <i>1/5/79</i>	LICENSE NUMBER <i>40</i>	
FIRST NAME DRILLER LAST NAME <i>George Esterday</i>		
SIGNATURE <i>George Esterday</i>		

<b>B 3</b>	<b>LOCATION OF WELL</b>
1 2 3 (SEQ. NO.) 6	
COUNTY <i>Howard</i>	(DO NOT ABBREVIATE COUNTY NAME) 21
SUBDIVISION <i>Howard</i>	23 42
SECTION <i>44</i>	LOT 46 50
NEAREST TOWN <i>Mayfield</i>	52 71
MILES FROM TOWN (ENTER 0 IF IN TOWN) <i>3</i>	M I 76 77 78

<b>B 2</b>	<b>WELL INFORMATION</b>
1 2 3 (SEQ. NO.) 6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <i>5</i>	8 12
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <i>600</i>	14 20
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b>	
<input type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)	
<input type="radio"/> FARMING, AGRICULTURE, IRRIGATION	
<input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	
<input type="radio"/> MUNICIPAL WATER SUPPLY	
<input type="radio"/> PRIVATE WATER COMPANY	
<input type="radio"/> TEST	
} MUST HAVE STATE HEALTH DEPT. APPROVAL	

<b>B 4</b>	<b>DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)</b>
1 2 3 (SEQ. NO.) 6	
<input type="checkbox"/> NORTH <input type="checkbox"/> EAST <input type="checkbox"/> NE NORTHEAST <input type="checkbox"/> SE SOUTHEAST <input type="checkbox"/> SOUTH <input type="checkbox"/> WEST <input checked="" type="checkbox"/> NW NORTHWEST <input type="checkbox"/> SW SOUTHWEST	
NEAR ROAD <i>Folly Quarter Rd</i>	8 9 10 11 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <i>W</i>	N 32 S 32 E 32 W 32
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <i>300</i>	34 37 38 39

APPROXIMATE DEPTH OF WELL *150* FEET  
24 28

APPROXIMATE DIAMETER OF WELL *6"* (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED)    JETTED    DRIVEN

80-87  AIR-ROTARY    AIR-PERCUSSION    ROTARY (HYDRAULIC ROTARY)

CABLE    REVERSE-ROTARY    DRIVE-POINT

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)

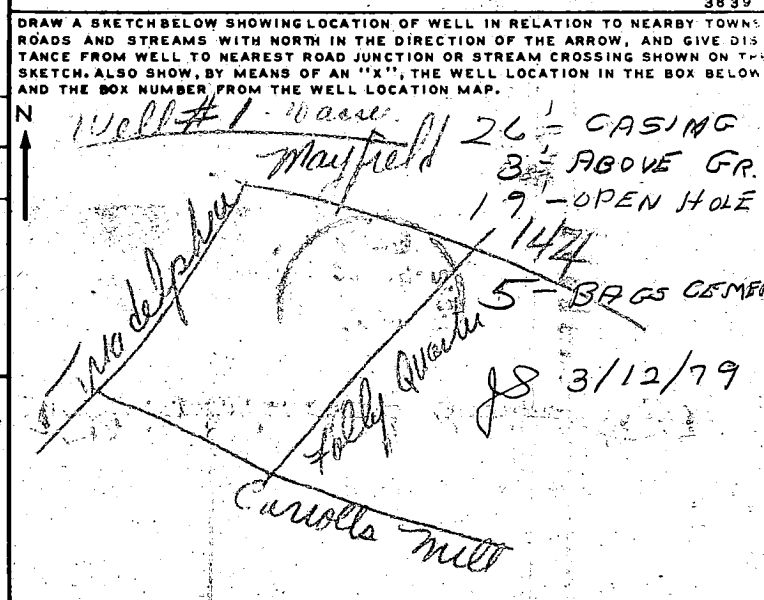
NOT TO BE FILLED IN BY DRILLER. (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER *54*    ENGINEER REVIEW DISTRICT NO. *65*

FORCE  WRITE INITIALS IN BOX    CONDITIONS *UU*

67 68    70 71 72 73 74 75 76 77 78 79

<b>B 4</b>	<b>HEALTH DEPARTMENT APPROVAL</b>
1 2 3 (SEQ. NO.) 6	
STATE HEALTH (CIRCLE BOX) <i>S</i>	COUNTY NAME <i>Howard</i> COUNTY NO. <i>W29443</i>
DATE <i>03 29 79</i>	APPROVED BY <i>Donald W. Roneghan, Sanitarian</i>



<b>B 5</b>	<b>SPECIAL CONDITIONS B-63 (WRA USE ONLY)</b>
1 2 3 (SEQ. NO.) 6	
NORTH COORDINATE <i>22912</i>	50 51 52 53 54 55
EAST COORDINATE <i>02041</i>	57 58 59 60 61 62 63
ELEVATION AT WELL HEAD (FEET) <i>0/0</i>	65 66 67 68

A.29293

C 1 **3371** 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) 3/12/79 DEPTH OF WELL 200 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-23-3146

DATE WELL COMPLETED 3/12/79 22 (TO NEAREST FOOT) 26

8-13 15 20 DRILLERS IDENTIFICATION NO. 40

OWNER BECK LAST NAME WALTER FIRST NAME WALTER

STREET OR RFD 12402 LINE KILN RD 30 POST OFFICE FULTON, MD. 20759

**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	
SHALE	3	12	
BROWN SLATE	12	20	
MICA	20	60	
BROWN SLATE	60	65	
MICA	65	119	
FLINT	119	120	✓
MICA	120	135	
FLINT	135	136	✓
MICA	136	200	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

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

NO. OF BAGS 5 NO. OF POUNDS 500

GALLONS OF WATER 25

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 19 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) 26

**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 24 TO 200

SCREEN TYPE OR OPEN HOLE  H O

SCREEN DEPTH (NEAREST WHOLE FOOT):  
 FROM 24 TO 200

SLOT SIZE 1.    2.    3.   

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM    TO   

GRAVEL PACK   

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

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

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 7

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 55 (NEAREST FOOT)  
 WHEN PUMPING 200 (NEAREST FOOT)

TYPE OF PUMPED TEST 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) 43 47

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 ABOVE } LAND SURFACE (NEAREST FOOT) 2  
 BELOW }

**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 WELLS).

WELL 60' from house  
 K - - -  
 1 - 60' -  
 1 - 60' -  
 1 - 60' -

**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

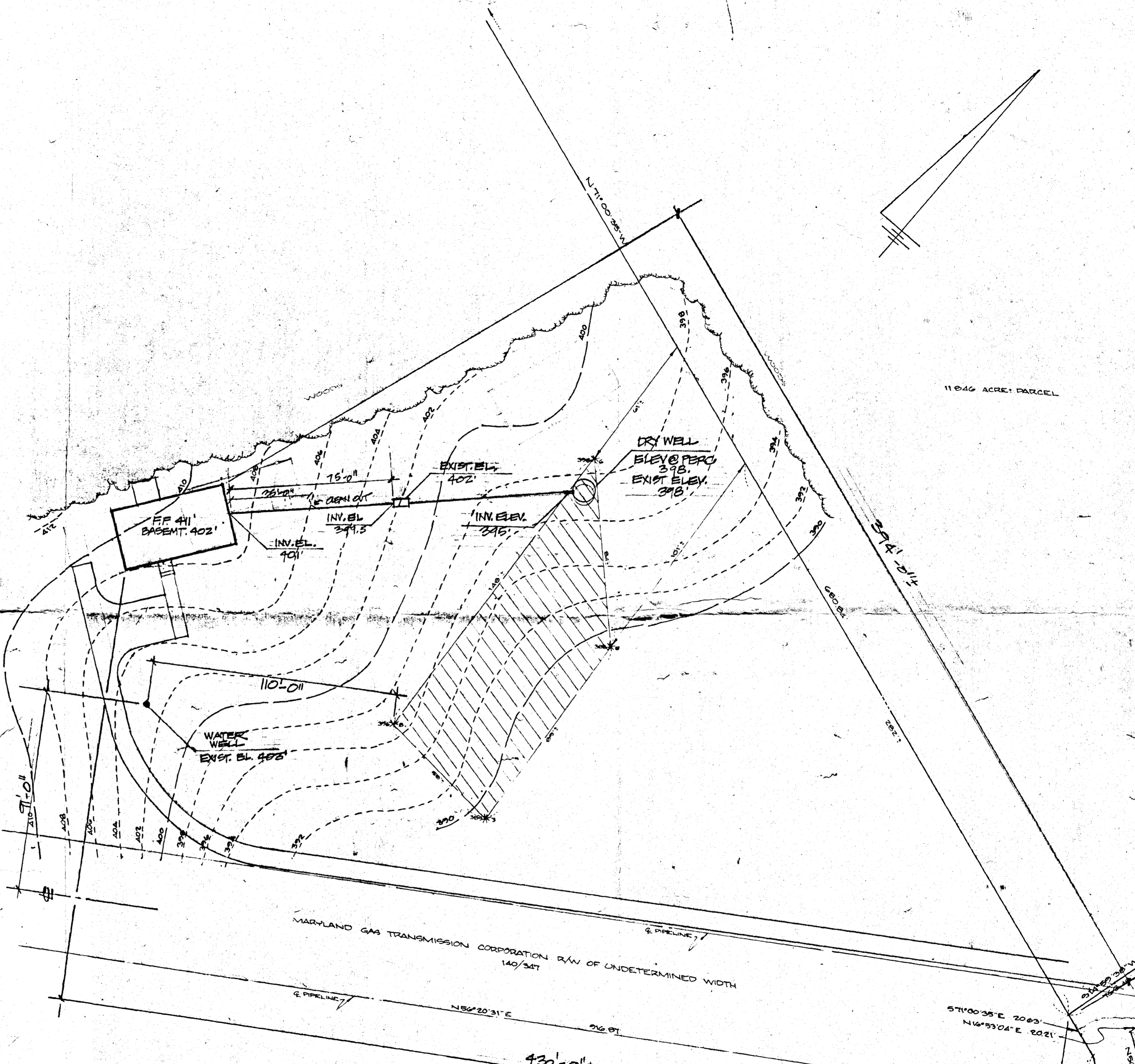
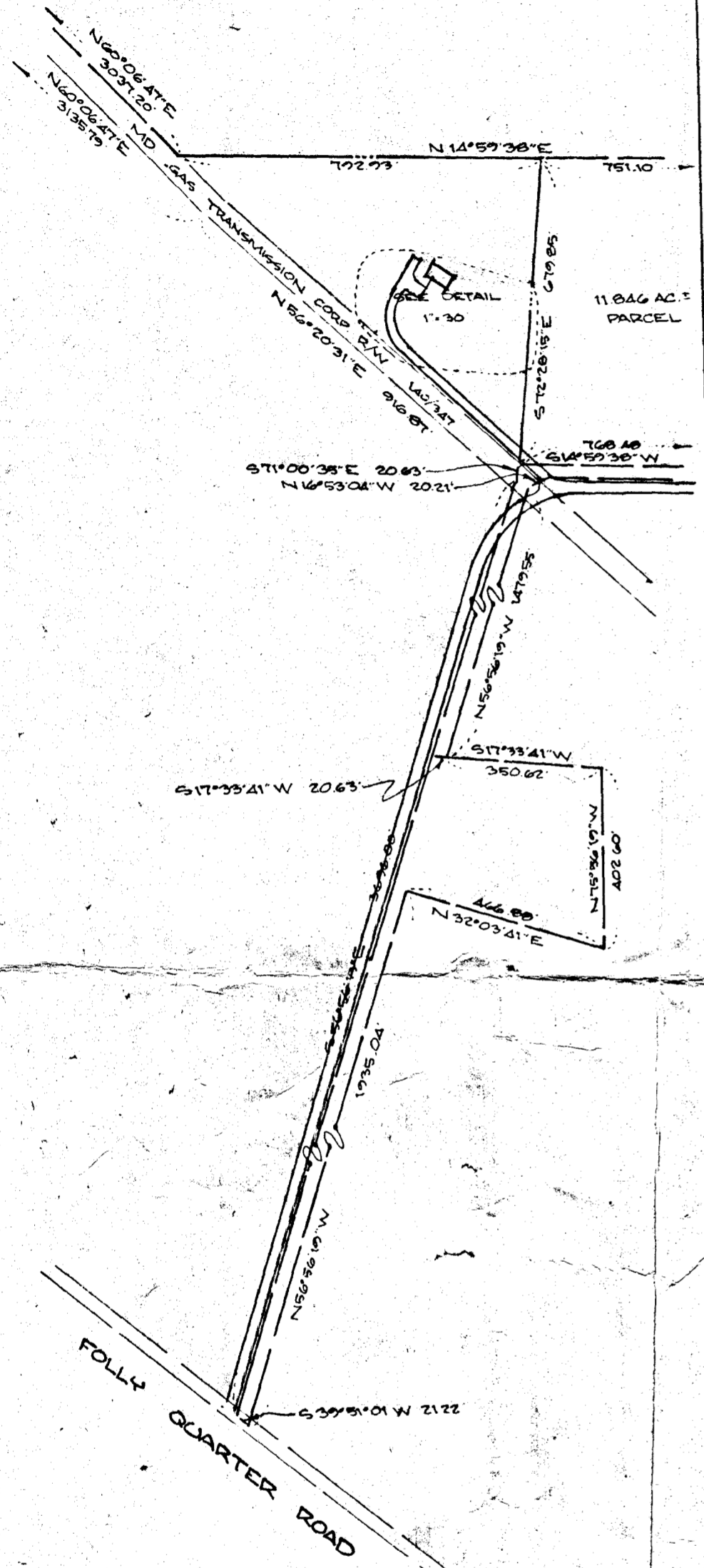
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME George F. Easton

(PLEASE PRINT) George F. Easton

SIGNATURE George F. Easton

FULLY QUARTERS RD.



PART OF 194.0738 PARCEL  
 PART OF DOLAN PROPERTY  
 3<sup>RD</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MD.  
 2/1/1979 SCALE: 1"=300' (DETAIL 1"=30')

*James R. Schulte*  
 LOCATIONS AND ELEVATIONS  
 SHOWN HEREON ARE TRUE  
 AND CORRECT

WALTER PARK  
 REGISTERED L.S. #5539  
 HUDKINS ASSOCIATES, INC.  
 231 JOSEPH SQUARE  
 COLUMBIA, MD. 21044

DETAIL  
 SCALE: 1"=30'

5/21/79  
 PLANS OF  
 RT  
 WALTER BECK

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29392

P \_\_\_\_\_

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

DISTRICT 3rd

DATE 1/12/79

*specs -  
next page*

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 Walter W. Beck

ADDRESS 12402 Lime Kiln Rd. PHONE 953-2179  
Fulton, Md. ~~953~~ or 792-0243

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION 3510 Folly Quarter Road 1/2 TO 1 MILE FROM ROUTE 144 ON RIGHT

SIZE OF LOT 194.0738 acres TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ Stewart Young

APPROVED BY Raymond Fodge FOR Dry Well DATE 3/18/79

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

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

REASONS FOR REJECTION OR HOLDING 1/21/79 - HOLD FOR CERTIFIED HOUSE R/W

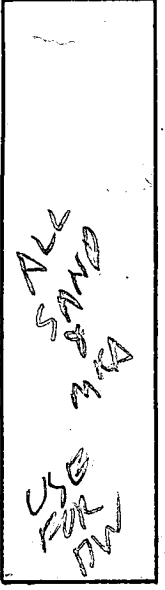
2/18/79 - PLAT OK FOR HEALTH OFFICER TO SIGN R/W

3/8/79 HO HAS SIGNED PLAT R/W

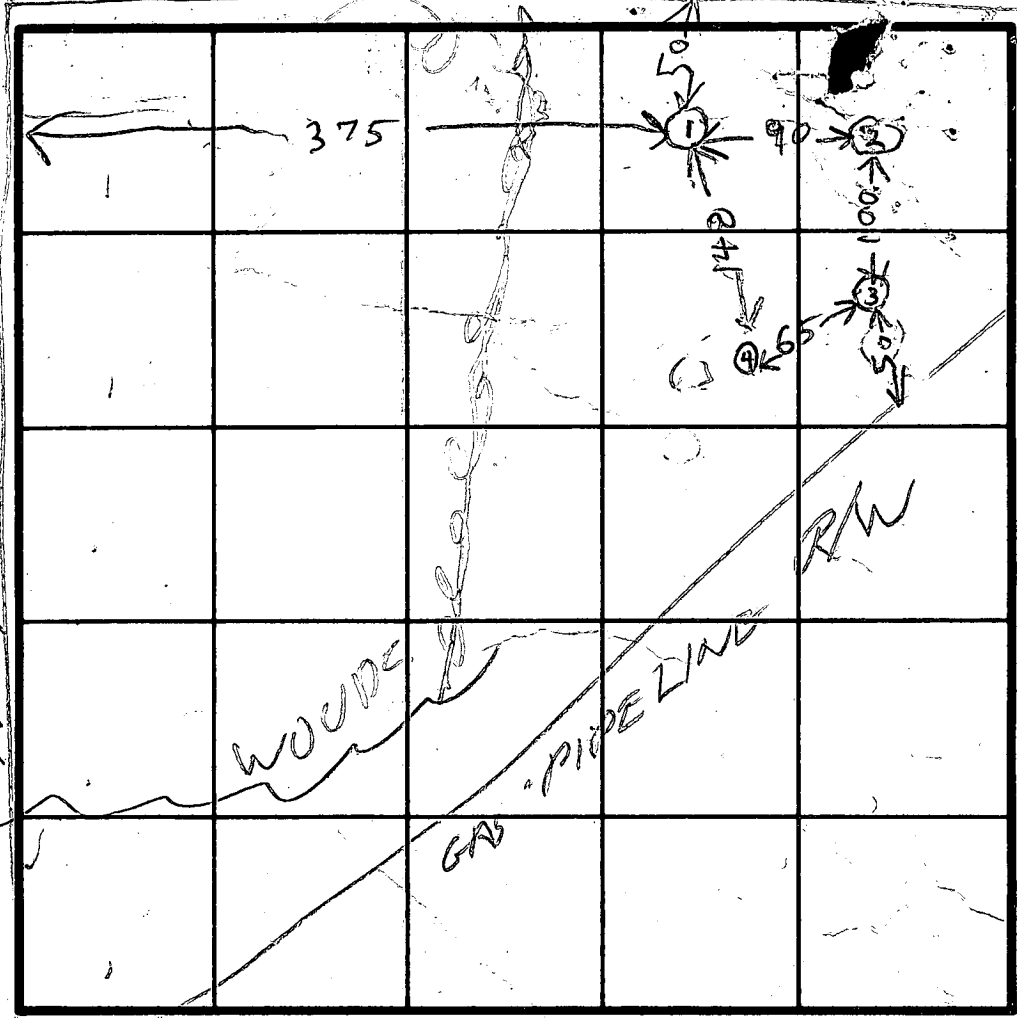
## THIS IS NOT A PERMIT

680.84

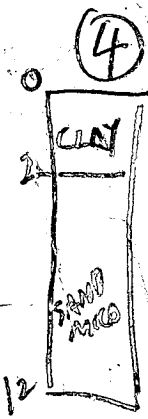
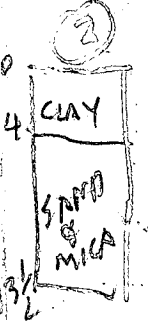
SOIL PROFILE



792.93



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	HOLE ELEVATION
			START	STOP	START	STOP		
1/22/79	1D	12 1/2	147	149	149	154	5	HIGHEST USE FOR RW
	1S	3	147	149	149	152	3	
	2D	13 1/2	156	159	159	217	18	LOWEST
	2S	4 1/2	156	208	208	220	12	
	3D	13	202	204	204	207	3	NEXT LOWEST
	3S	4 1/2	202	211	211	225	14	
1/22/79	4V	12	SEE SOIL PROFILE					NEXT HIGHEST

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY BRIDGES ALSO PRESENT BECK

SCHUBERT  
SCHUBERT