

~~W.P.I. - 10/17/84~~
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APPROVED
10/9/84
R. Hodge

10/9/84
ASAP

PERMIT 03-306615

P 34419
A 25568

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEXED

ELLICOTT CITY
DISTRICT 3rd
DATE 9/28/84

{ I.C.O.P.
Time expired }

Jack Fyock, Jr. IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland PHONE 988-9270

SUBDIVISION Cameron Tract ROAD 3609 Cameron Court LOT 6

PROPERTY OWNER Yang Sop Sin
ADDRESS 10270 Baltimore National Pike
Ellicott City, Maryland 21043

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X _____

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 4 feet below original grade. 6 feet of stone below distribution pipe. LOCATION: Start the first trench 270 feet from the front lot line (lot line parallels edge of Cameron Road) and 115 feet from the rear (395 ft. long) lot line. Continue to dig trench on level ground the necessary distance. Place second trench parallel to and 12 feet away from the first trench. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Frank Skinner DATE 9/27/84

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

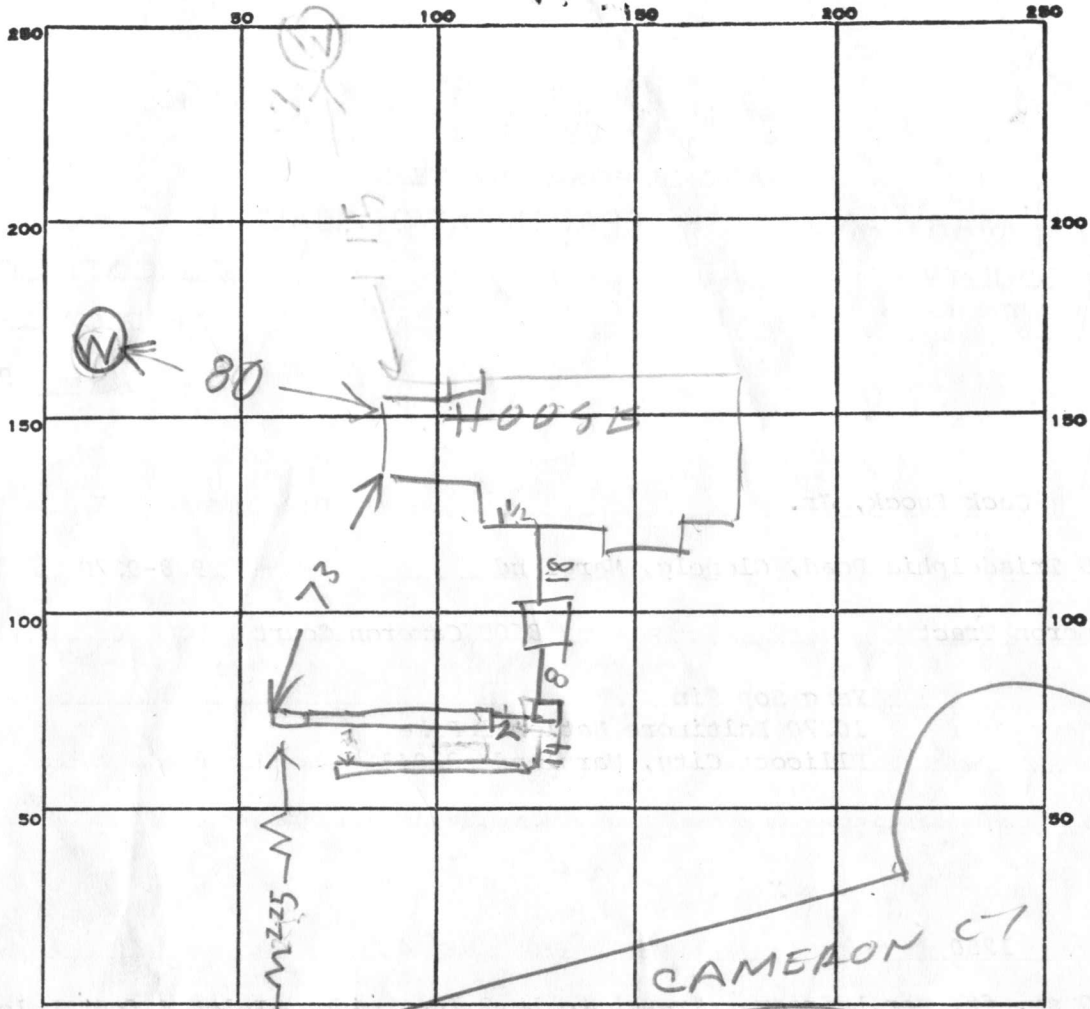
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 25568



PERMIT CARD _____

SEPTIC TANK, LEVEL 1500

CLEANOUTS ST OK

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH #1 | #2 10 | 10 FT.

TRENCH WIDTH #1 | #2 2 | 2 FT.

GRAVEL DEPTH #1 6.5 IN.

TOTAL LENGTH #1 | #2 72 | 63 FT.

NUMBER OF TRENCHES 2

TOTAL BOTTOM AREA #1 | #2 468 | 378

TOTAL 846

SEEPAGE PITS, INSIDE DIAMETER _____ FT.

DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 10/9/84 10:50AM - FINISH TRENCH #1 - DIG TRENCH #2

PUT CLEANOUT ON TANK RIT

10/9/84 TRENCH #1 FINISHED. CLEANOUT PUT ON TANK TRENCH #1

DATE SYSTEM APPROVED 10/9/84

INSPECTOR Raymond Hodley

APPLICATION

A 25568

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 _____

DATE _____

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 Dr. Cameron prop.

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Folly Q+V Estates LOT NO. 5 6 (new)

ROAD AND DESCRIPTION 3609 Cameron Court

SIZE OF LOT 3.0 acres TYPE BLDG. _____
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 _____

APPROVED BY Frank Skinner FOR Drywell & trench DATE 11/23/79
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

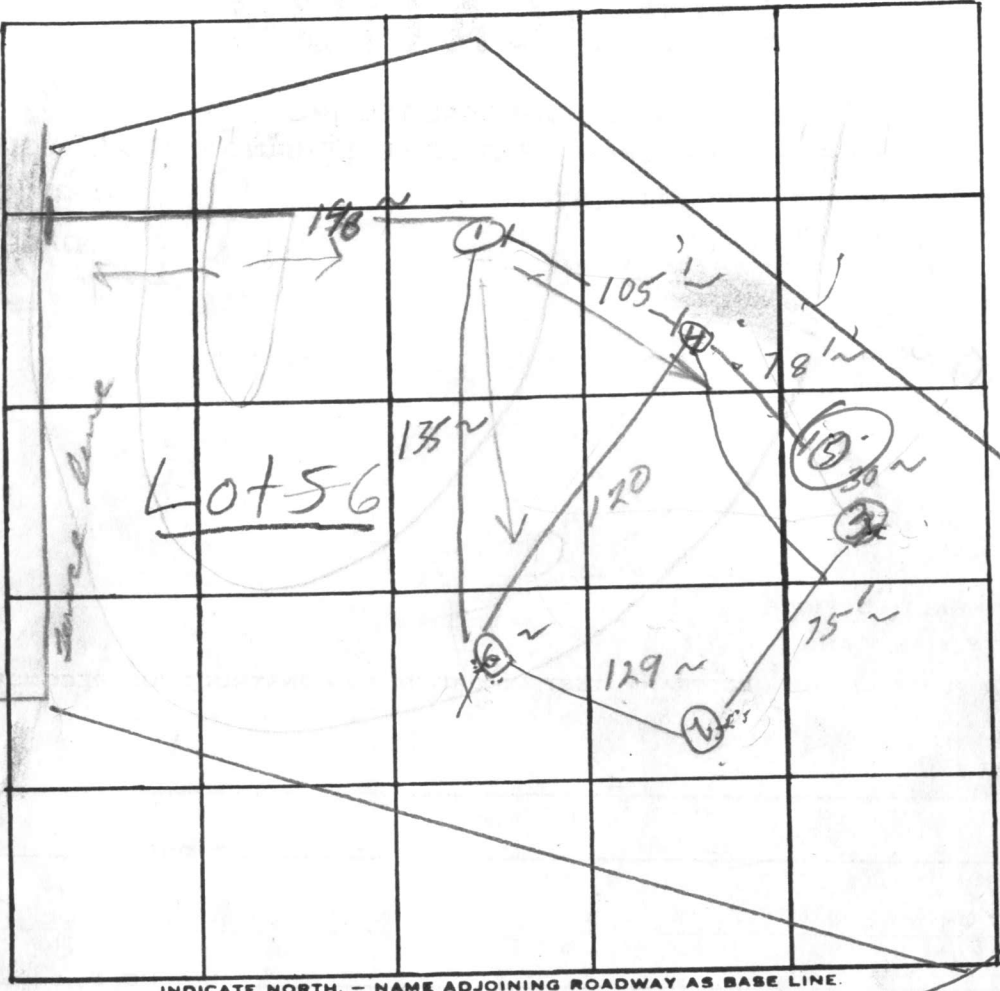
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED AND RETURNED 4/13/84

Serial # 58365-SFD

THIS IS NOT A PERMIT

①
Heavy Clay
Clay - sandy



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/6/77	1 s	5	2:18	2:23	2:23	2:35	12
	0	13	2:18	2:27	2:27	2:44	107
	2 s	5	3:31	3:41	3:41	3:54	13
	0	13.5	3:31	3:36	3:36	3:44	8
4/7/77	3 s	4.5	10:09	10:18	10:18	10:31	17
	0	13	10:10	10:13	10:13	10:18	5
	4 s	4	10:57	10:00	10:00	10:03	3
	0	13	10:00	10:06	10:06	10:13	7
	5	Rock	8" ~				
	6	16.5	10:27	10:27	10:27	10:35	8

hole location?

15 min arg. inv. 4'

Lot 5

REMARKS Visual to 12' rocky clay mica, silty mix
excav at 4 effective at 5 11 deep hole #1

TYPE OF SOIL _____

TESTED BY R.B. ALSO PRESENT: _____

B 1 **8018** SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER
HO-81-0491
 fill in this form completely

Date Received **9:30 AM 5/3/84**
 OWNER INFORMATION
041284
SIN SOP **YANG**
10270 BALTO **MATZ PIKE**
ELICO **F** **CITY** **MD** **21043**

B 3 LOCATION OF WELL
HOWARD COUNTY
CAMERON FRACT SUBDIVISION
 SECTION **1** LOT **6**
MAYFIELD NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2 1/4** MI

DRILLER INFORMATION
Joseph H. Mayne
Joseph H. Mayne
5512 Ridge Rd. Mt. Airy Md. 21771
Joseph H. Mayne **4/12/84**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD **Cameron Court**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **400** FT
 ENTER FT or MI **FT**

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

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 COUNTY NAME
A 25568 COUNTY NO.
 OEP SIGNATURE **Frank Skinn** STATE HEALTH INSERT S
 DATE ISSUED **10/12/84** EXP. DATE
 NORTH GRID **523000** EAST GRID **0825000**

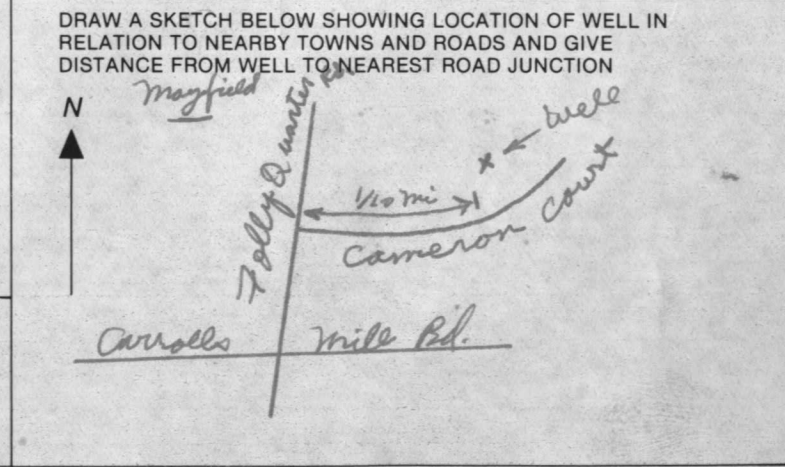
APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary DRive-POINT
 other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 2.
 3. Tag + permit given to crew on 5/13/84 X site.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 N **520 3**
 E **820 5**
 000 000

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
 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 (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____
 FORCE **FS** WRITE INITIALS IN BOX PERMIT NO. **HO-81-0491**

SPECIAL CONDITIONS

C1 3420 SEQUENCE NO. (OEP 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 2 5568

DATE RECEIVED

DATE WELL COMPLETED 050384

DEPTH OF WELL 203 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0491

OWNER Sin Sop Yang last name first name TOWN Mayfield STREET OR RFD Cameron Ct. SUBDIVISION Cameron Farms SECTION 1 LOT 6

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Brown shale, Sand, Brown shale, and Gray mica rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 10, NO. OF POUNDS 940, GALLONS OF WATER 60, DEPTH OF GROUT SEAL 75 ft.

CASING RECORD: casing types insert appropriate code below (SH), MAIN CASING TYPE (SH), Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 63.

OTHER CASING (if used) diameter inch, depth (feet) from to

SCREEN RECORD: screen type or open hole insert appropriate code below (ST), BRASS (BR), BRONZE (PL), OPEN HOLE (HO), PLASTIC (OT), OTHER

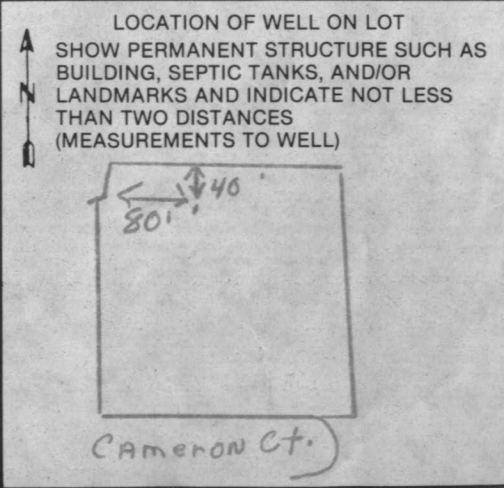
DEPTH (nearest ft.) table with rows for casing and screen, and SLOT SIZE, DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (E.R.O.S.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 10, METHOD USED TO MEASURE PUMPING RATE bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 83, WHEN PUMPING 85, 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 EXCEPT HOME USE, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 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, LAND SURFACE (nearest foot) 50

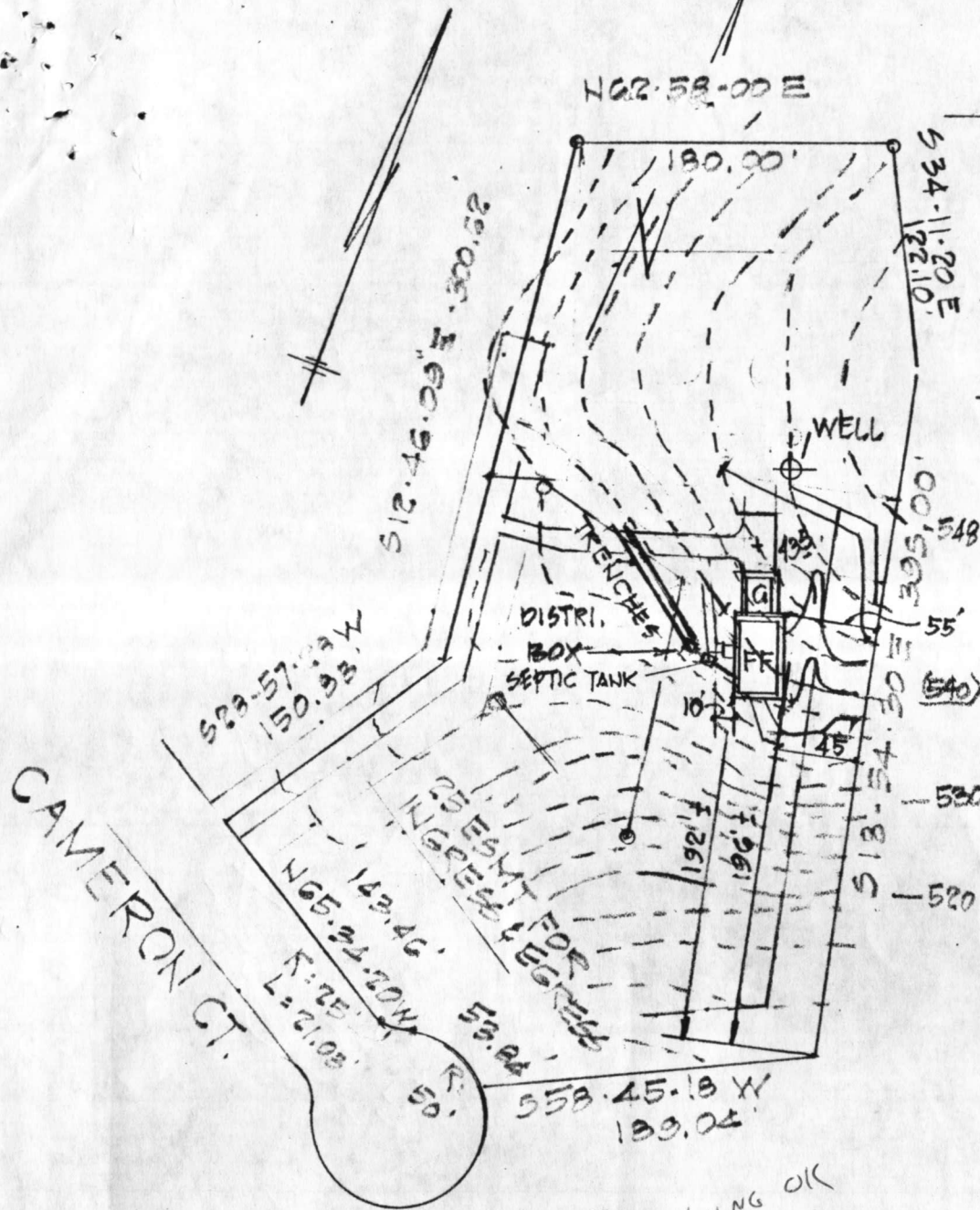


CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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.

DRILLERS IDENT. NO. 238, DRILLERS SIGNATURE Joseph L. Mayne

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



WELL DATA
 EX. GR. 546
 FIN. GR. 546

SEPTIC SYSTEM DATA
 INV OF SEWER FROM HOUSE = 535.3

SEPTIC TANK
 EX. GR. 540.0
 FIN. GR. 540.0
 INV IN 535.10
 INV OUT 534.8

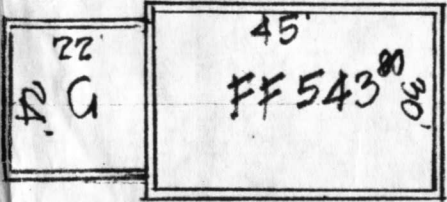
DISTRIBUTION BOX
 EX. GR. 538.0
 FIN. GR. 538.0
 INV IN 534.6
 INV OUT 534.5

TRENCHES
 EX. GR. 538.0
 INV. IN 534.5

USE 2 TRENCHES
 45 LF EA.
 2' WIDE - 10' APART
 INLET 3.5' BELOW EX. GR.
 5.5' STONE BELOW INLET

PLACE TRENCHES ON CONTOUR 538

DRAWING OK
 6/13/84
 Craig Williams



PLAN
 HOUSE DIMENSIONS
 FOR CLARITY
 1" = 30'

LOT 6
CAMERON COURT
CAMERON TRACT
 DISTR. HO. CO. MD
 SCALE = 1" = 100 DATE 4-6-84

$$\begin{array}{r}
 72 \\
 \underline{65} \\
 360 \\
 432 \\
 \hline
 4680
 \end{array}
 \qquad
 \begin{array}{r}
 63 \\
 \underline{65} \\
 315 \\
 378 \\
 \hline
 4095
 \end{array}$$

$$\begin{array}{r}
 200 \\
 \underline{4} \\
 800
 \end{array}$$

$$\begin{array}{r}
 370 \\
 \underline{370} \\
 046
 \end{array}
 \qquad
 \begin{array}{r}
 63 \\
 \underline{66} \\
 378 \\
 409
 \end{array}$$

$$\begin{array}{r}
 409 \\
 468 \\
 \hline
 877
 \end{array}$$