

Tax ID - 03305732

11/4/86

APPROVED  
*(Signature)*

P 36399  
A \_\_\_\_\_

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH

ELLICOTT CITY

DISTRICT 3rd

~~461-2330~~  
461-9933

INDEXED

DATE 1/7/86

Dennis Feaga IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE 442-5623

SUBDIVISION Friendship Manor ROAD 2598 Wellworth Way LOT 23

PROPERTY OWNER Ronald Misener

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 175 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe.  
LOCATION: Start trench 270 feet from the front lot line and 90 feet from the left side of the lot as seen from Wellworth Way.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *MF/SA*

PLANS APPROVED BY R. Hodges/Fred Frommelt DATE 11/25/85

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.

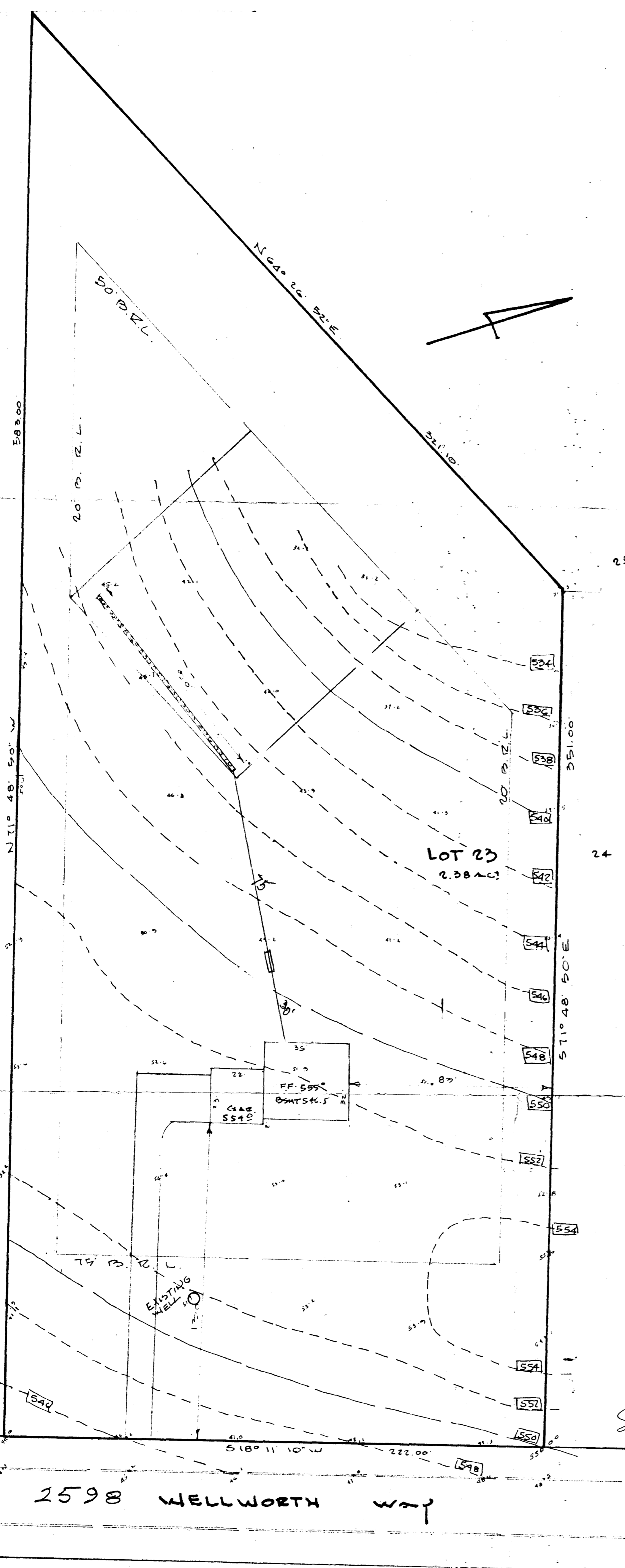
BLDG. PERMIT SIGNED  
AND RETURNED 10/21/92  
Serial # 45805  
addition

P 36399

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

\*CALL ~~992-2330~~ FOR INSPECTION OF SEPTIC SYSTEMS.





TRENCH - EXISTING GRADE = 545.50  
 INVERT = 542.50

TANK - EXISTING GRADE = 545.0  
 INVERT OUT = 544.0  
 INVERT IN = 544.3

INVERT AT HOUSE = 544.9

175# sq. ft. per bedroom

- start trench 270' from front & 90' from left side  
 as seen from Wellworth Way  
 invert 3 ft. max. below original grade bottom  
 9' minimum

FRIENDSHIP MAJOR SECTION 2

LOT 23

PLAT 3888 3RD ELECTION DIST. HOWARD CO. MD  
 SCALE 1" = 30' OCT. 1, 1985

*SPTO ell's & location of*  
*ff. 10-18-85*  
 57251  
 B.P. App. # 67281  
 51 in log

2598 WELLWORTH WAY

C1 2593 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 HOWARD

DATE RECEIVED

DATE WELL COMPLETED 061985

Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1040

OWNER MISENER RONALD STREET OR RFD 2378 WELLWORTH WAY TOWN WEST FRIENDSHIP SUBDIVISION FRIENDSHIP MANOR SECTION LOT 23

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: OVERBURDEN (0-5), SHALE (5-63), GRAY ROCK (63-300 X).

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 13, NO. OF POUNDS: 1300, GALLONS OF WATER: 18, DEPTH OF GROUT SEAL: from 0 to 63 ft.

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter (6), Total depth of main casing (63).

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

SCREEN RECORD: screen type or open hole (ST), BRONZE (BR), PLASTIC (PL), HO (HOLE), OT (OTHER).

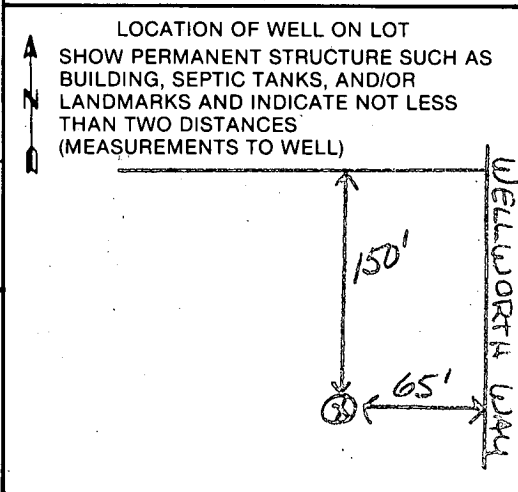
DEPTH (nearest ft.) table with rows for each casing and screen, and slot size/diameter of screen.

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 (OTHER DATA), TELESCOPE CASING, LOG INDICATOR.

PUMPING TEST: HOURS PUMPED (6), PUMPING RATE (204), METHOD USED TO MEASURE PUMPING RATE (SUBMERSIBLE), WATER LEVEL (27), WHEN PUMPING (2852), TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (YES), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+) above, LAND SURFACE (7) (nearest foot).



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 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. 120, DRILLERS SIGNATURE (Must match signature on application), SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

B 1 9845

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

70-81-1040

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

please print or type

fill in this form completely

Date Received 4/13/85 2:00 P.M.

OWNER INFORMATION

MISENER RONALD

8616 WINDSOR MILL RD

BACTIMORE MD 21207

LOCATION OF WELL

HOWARD COUNTY

FRIENDSHIP MANOR

SECTION LOT 23

WEST FRIENDSHIP

MILES FROM TOWN (enter 0 if in town) MI

DRILLER INFORMATION

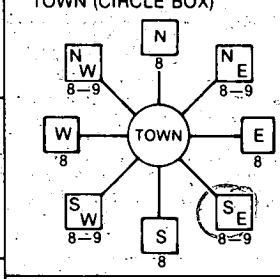
Sandy B. Cochran 120

G. EDGAR HARRIS SONS CORP.

1204 Falls Rd Cockeysville 21030

Signature Date 5-21-85

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD

2598 WELWORTH WAY

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD

ENTER FT or MI

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME

OEP SIGNATURE DATE ISSUED

052985 Stayer 11/29/85

NORTH GRID EAST GRID

- USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROTary DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

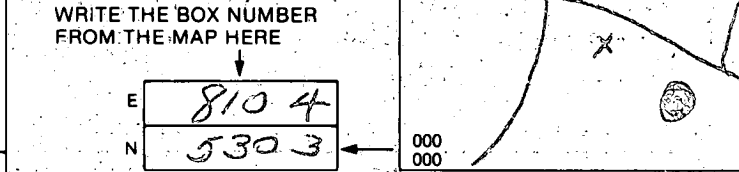
D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

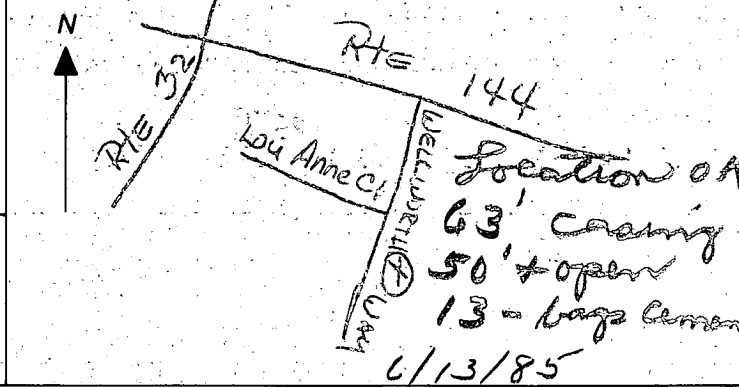
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER

FORCE INITIALS PERMIT NO. 70-81-1040

SPECIAL CONDITIONS