

6/24/99  
AM. C.O

Tax ID - 04 - 352831

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511961  
A 45354

DISTRICT \_\_\_\_\_

**HOWARD COUNTY HEALTH DEPARTMENT**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE 6-21-1999

# INDEXED

DATE SYSTEM APPROVED 6/24/99

INSPECTOR BR

C & C Utility Service, Inc. IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 7398 Gaither Road, Sykesville, Maryland 21784 PHONE 410-549-4987

SUBDIVISION Mariani Property LOT 1 ROAD 16135 Ed Warfield Road

PROPERTY OWNER James D and Laura M. Walsh

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 210 feet from the front lot line along Ed Warfield Road and 65 feet from the East sideline (280.62'). Run trenches along contour towards the 723.65' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 12/17/98 AM OK

PLANS APPROVED BY Mark Rifkin/Donna K. Soe DATE 12-03-98

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.

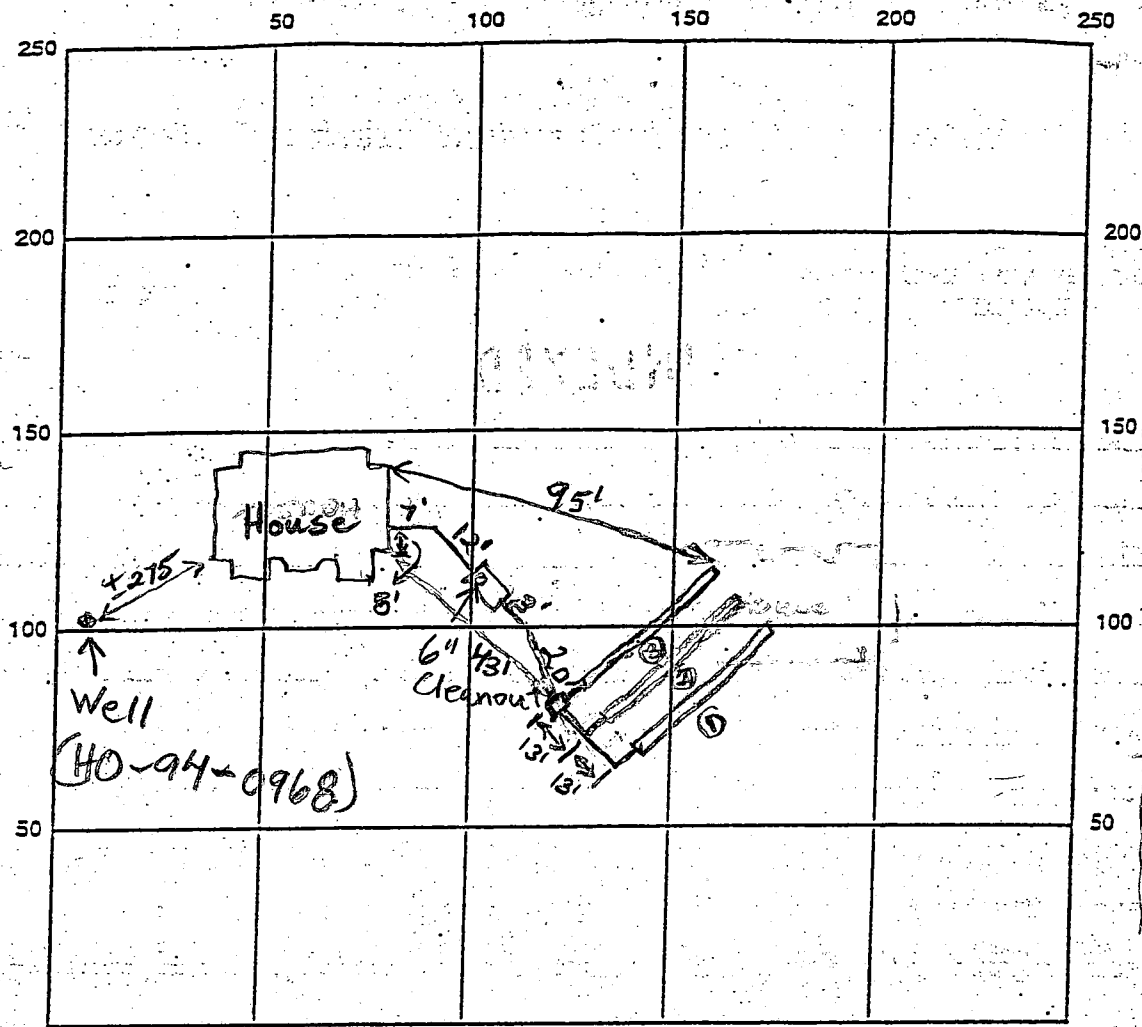
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**  
\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

REQ. PERMIT SIGNATURE  
AND RETURNED 9-30-99  
Serial # BM 120393

*propose tent*

445-354



ED Warfield R

INDICATE NORTH-NAME ADJOINING ROADWAY AS BASE LINE

Private Drive

SEPTIC TANK LEVEL 1250 gal. CLEANOUTS 1-6" septic tanks  
 DISTRIBUTION BOX LEVEL O.K.  
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 80-80-80 FT. (240)  
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: 6/24/99 - House connection made. P. K. to cover all work.  
WPT done, O.K. (BB)

DATE SYSTEM APPROVED 6/24/99 INSPECTOR Brian Baker

# APPLICATION

PERCOLATION TESTING

A 45354

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT \_\_\_\_\_

DATE 12-18-1989

12-15-89  
Preview OK  
Maintain 100 ft to stream.  
JEN

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 THEODORE F. MARIANI JAMES + Laura Walsh

ADDRESS 16449 ED WARFIELD RD. WOODBINE MD. 21797 PHONE \_\_\_\_\_

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION MARIANI PROPERTY LOT NO. 1

ROAD AND DESCRIPTION 200' WEST TO INT. OF DUVAL RD. & ED WARFIELD RD. ON S/4 OF 16135 ED WARFIELD RD.

**BLDG. PERMITS SIGNED**

**AND RETURNED 12-3-98**

*Serial # B00115233*

TAX MAP 13 PARCEL # P/O 313

SIZE OF LOT 3.044 AC.± TYPE BLDG S.F.D. - 4 Bed  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Zacharia G. Fisch agent  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

REASONS FOR REJECTION OR HOLDING 1/30/90 PERC OK HOLD FOR PLAS

HD-216

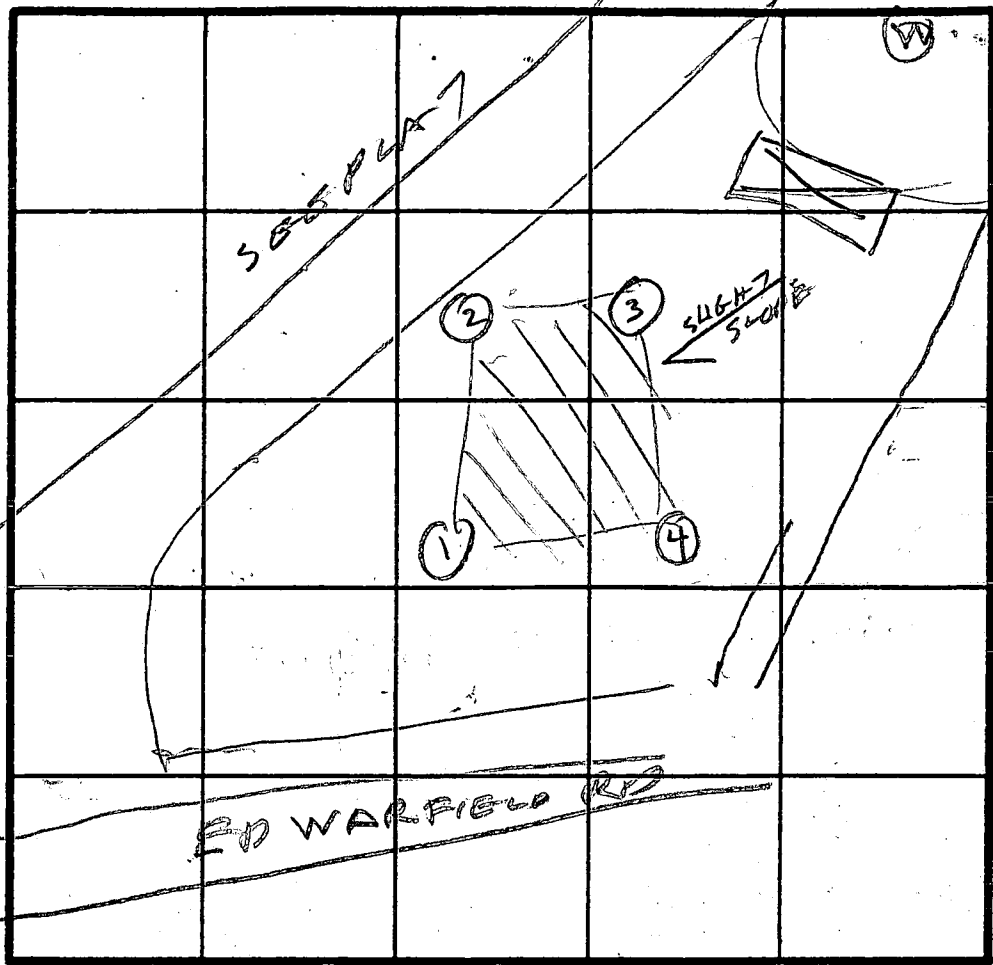
# THIS IS NOT A PERMIT

LOT 1  
A 45354

SOIL PROFILE  
① ② ③ ④

0  
3  
12

CLAY  
PINK  
BROWN  
SAND  
LOAM  
GALTY



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/30/90	1 S	3.5	1055	1056	1056	1057	
	1 V	12	OK				
	2 S	3.5	1100	1102	1102	1105	3
	2 V	12	OK				
	3 V	11.5	OK				
	4 S	3.5	1109	1111	1111	1116	5
+	4 S	6.5	1108	1109	1109	1111	2
	4 V	11.5					

REMARKS: Holer Digger Test Plat

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

TESTED BY R. HODGES ALSO PRESENT DAVE BACHAR ZACK Engineer



AREA TO BE  
TO HOWARD COUNTY  
PURPOSE OF A PUBLIC ROAD

ED WARFIELD ROAD

S 87° 59' 55" E — SE  
51.91' 40.76'

ChB2

4° 45' 11" E  
488.24'

PRIVATE  
ROAD 50'R/W

PROPOSED  
LOT 1  
3.044 AC ±

PROPOSED  
WARFIELD'S GRANT  
SECTION I - AREA I

ChC2

ChB2

N 40° 38' 40" E  
277.50'

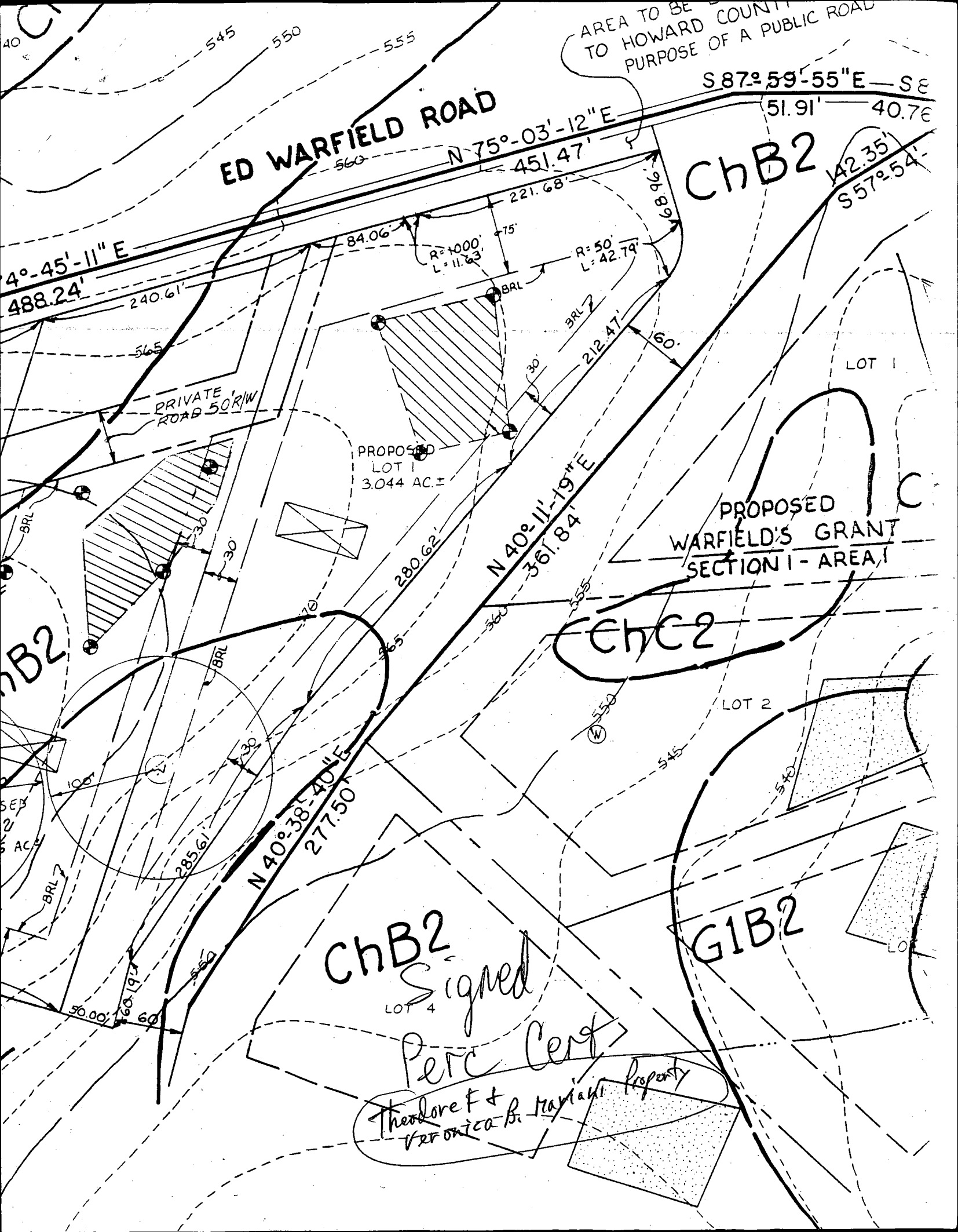
ChB2

G1B2

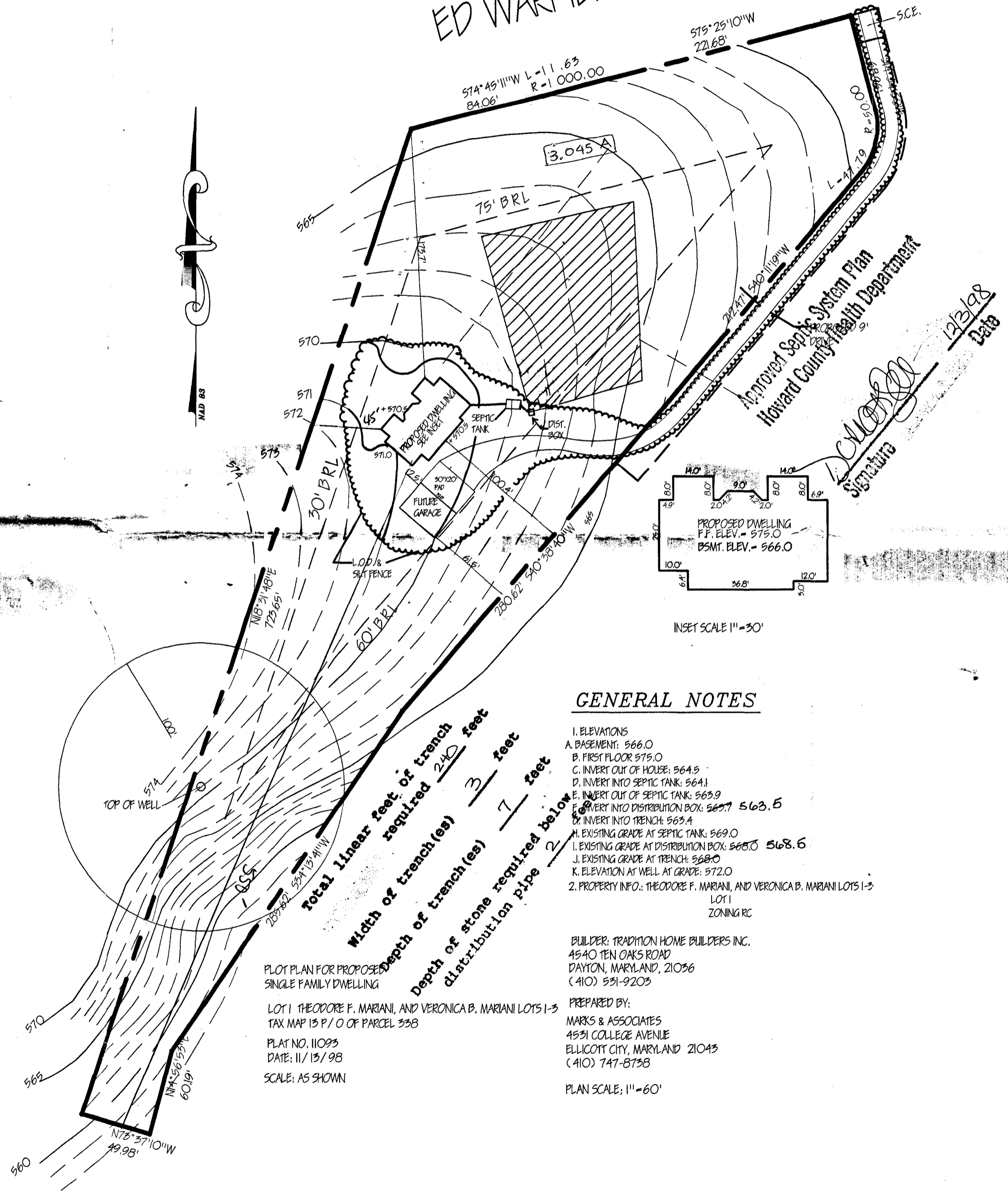
Signed  
LOT 4

Per C Cert

Theodore F +  
Veronica B. Mayhall Property

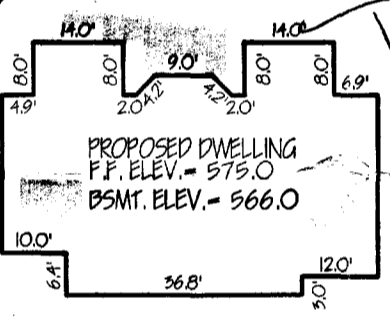


# ED WARFIELD ROAD



Approved Septic System Plan  
Howard County Health Department

*[Signature]*  
12/13/98  
Date



INSET SCALE 1" = 30'

## GENERAL NOTES

- ELEVATIONS
  - A. BASEMENT: 566.0
  - B. FIRST FLOOR: 575.0
  - C. INVERT OUT OF HOUSE: 564.5
  - D. INVERT INTO SEPTIC TANK: 564.1
  - E. INVERT OUT OF SEPTIC TANK: 563.9
  - F. INVERT INTO DISTRIBUTION BOX: 563.7 563.5
  - G. INVERT INTO TRENCH: 563.4
  - H. EXISTING GRADE AT SEPTIC TANK: 569.0
  - I. EXISTING GRADE AT DISTRIBUTION BOX: 568.0 568.5
  - J. EXISTING GRADE AT TRENCH: 568.0
  - K. ELEVATION AT WELL AT GRADE: 572.0
- PROPERTY INFO: THEODORE F. MARIANI, AND VERONICA B. MARIANI LOTS 1-3  
LOT 1  
ZONING RC

BUILDER: TRADITION HOME BUILDERS INC.  
4540 TEN OAKS ROAD  
DAYTON, MARYLAND, 21036  
(410) 531-9203

PREPARED BY:  
MARKS & ASSOCIATES  
4531 COLLEGE AVENUE  
ELLICOTT CITY, MARYLAND 21043  
(410) 747-8738

PLAN SCALE: 1" = 60'

PLOT PLAN FOR PROPOSED  
SINGLE FAMILY DWELLING

LOT 1 THEODORE F. MARIANI, AND VERONICA B. MARIANI LOTS 1-3  
TAX MAP 13 P / O OF PARCEL 338  
PLAT NO. 11093  
DATE: 11 / 13 / 98  
SCALE: AS SHOWN

Total linear feet of trench required 240 feet  
Width of trench (es) 3 feet  
Depth of trench(es) 7 feet  
Depth of stone required below distribution pipe 2 feet





C1 7869

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A45354

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED 1/1/96

1/1/96

500 (TO NEAREST FOOT)

H0-94-0968

OWNER Watch D. James Ed Warfield James Ed TOWN Lisbon SUBDIVISION MARIANI PROPERTY SECTION LOT 1

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Entries: Brown Shale 0-56, Blue Rock 56-500.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement CM, Bentonite Clay BC) NO. OF BAGS 18 NO. OF POUNDS 1692

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 002.4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 58 ft. WHEN PUMPING 430 ft. TYPE OF PUMP USED (for test) S submersible

CASING RECORD

MAIN CASING TYPE S7 Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 60

OTHER CASING (if used)

SCREEN RECORD screen type or open hole ST STEEL BR BRASS BRONZE PL PLASTIC HO OPEN HOLE OT OTHER

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot) 2

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED Y N

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

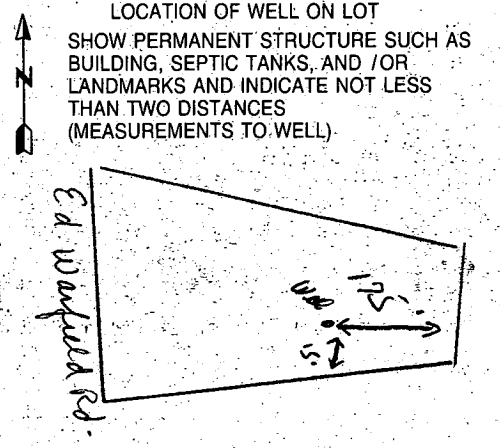
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24 DRILLERS SIGNATURE Larry M... LIC. NO. 24 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) H0 58 500 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 **4609** SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

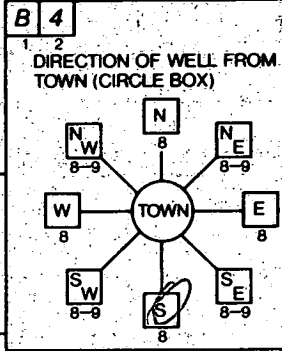
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-94-0968**  
 fill in this form completely

Date Received (APA) **10/16/96**  
 OWNER INFORMATION  
**WALSH** **D** **JAMES**  
 Last Name Owner First Name  
**7243 DOCKSIDE LANE**  
 Street or RFD  
**COLUMBIA** **MD 21045**  
 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**MARIANNA PROPERTY** SUBDIVISION  
 SECTION **1** LOT **1**  
**LISBON** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **5** MI

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD  
**Joseph L. Mayne** Driller's Name  
**Joseph L. Mayne Well Drillers** Firm Name  
**5512 Ridge Rd. Mt. Airy, Md. 21771** Address  
**Joseph L. Mayne** Signature **10/15/96** Date  
**24** 72 License No. 80



**Ed. Worfield Road** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
**350** DISTANCE FROM ROAD  
 ENTER FT OR MI **FT**  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL: \_\_\_\_\_

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  
**A45354** COUNTY NO.  
 STATE SIGNATURE **Mark E. Ruffin** DATE ISSUED **10/24/96** EXP. DATE  
 NORTH GRID **531000** EAST GRID **0779000**

APPROXIMATE DEPTH OF WELL **280** 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  
 other \_\_\_\_\_

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 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 (MDE OR COUNTY USE ONLY)  
 APPROX. PERMIT NUMBER **GAP**  
 FORCE **MIR** WRITE INITIALS IN BOX PERMIT No. **HO-94-0968**

