

1/12/94  
**APPLICATION**

PERCOLATION TESTING

A 50 474A

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 12-30-94

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER SECURITY DEVELOPMENT CORP. (STEWART YOUNG)

ADDRESS P.O. Box 417 ELLICOTT CITY, MD. 21041 PHONE (410) 465-4244

AGENT OR PROSPECTIVE BUYER SECURITY DEVELOPMENT CORP.

ADDRESS P.O. Box 417 ELLICOTT CITY, MD. 21041 PHONE (410) 465-4244

PROPERTY LOCATION:  
SUBDIVISION WELLINGTON 2 LOT NO. 58 LOT 75  
ROAD AND DESCRIPTION HUNT VALLEY DRIVE

TAX MAP 14 & 21 PARCEL # 73 & 74

SIZE OF LOT 1.5 AC. ± TYPE BLDG. SINGLE FAMILY DWELLING  
(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.

*Stewart Young*  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

**THIS IS NOT A PERMIT**

A50474 A

COUNTY #

SOIL PROFILE

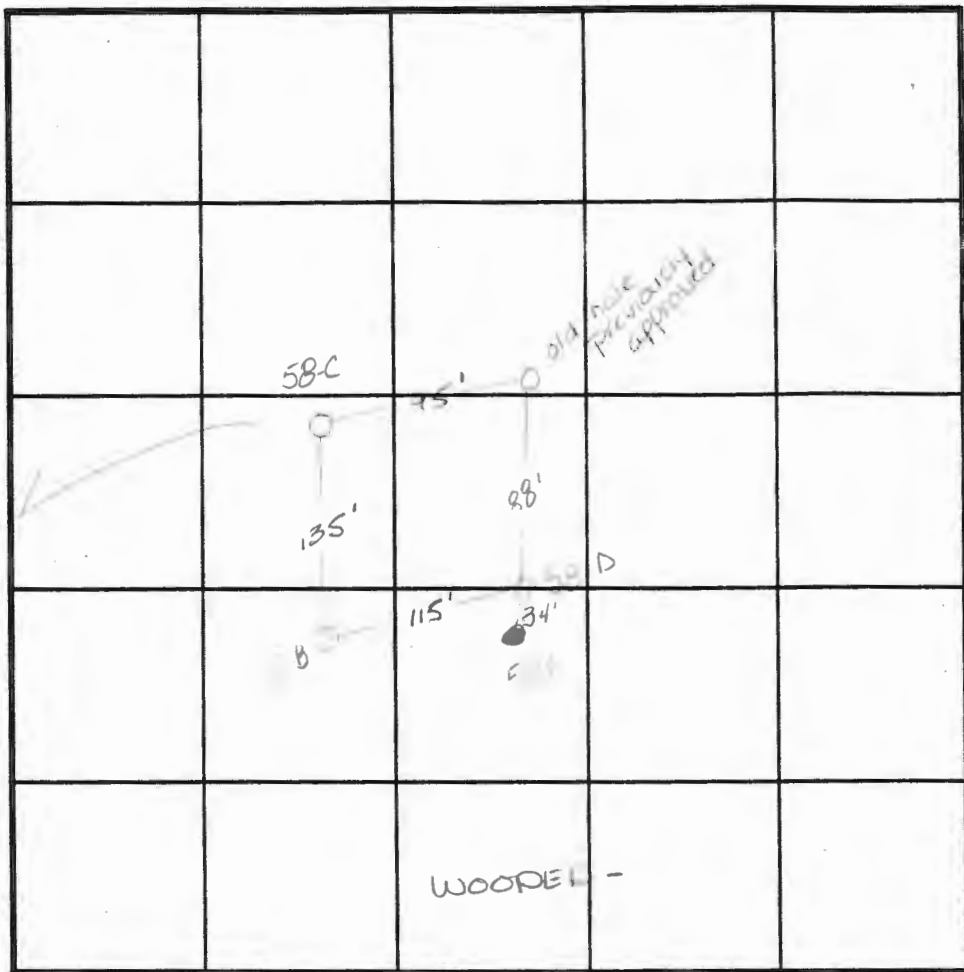
0' ~~soil~~  
 orange  
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 CL  
 3  
 orange  
 yellow  
 CSIL  
 5'  
 grey  
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58-B & D

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 12

58-A

>50%  
 rock at  
 hard  
 bottom  
 at  
 10'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-17-95	58-C	5.5 v12	6:16	6:17 <sup>30</sup>	6:17 <sup>30</sup>	6:21 <sup>30</sup>	3min
	58-B	v12	6:28	6:29	6:29	6:29 <sup>30</sup>	50sec
	58-B	repair	6:32	6:34	6:34 <sup>30</sup>	6:36 <sup>30</sup>	2min
	58-B	5 115	6:40				Fast
	58-D	repair	6:40 <sup>55</sup>	6:41 <sup>40</sup>	6:41 <sup>45</sup>	6:42 <sup>30</sup>	1min
	58-A	Hard bottom at 10			>50%	rock	F

REMARKS Hard orientation - no land marks thick forest wet season

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

TESTED BY Amy McMullen ALSO PRESENT CLARK Sperry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

3-28-96  
Well site not approved -  
Staked in center of  
drainage way.  
3/29/96

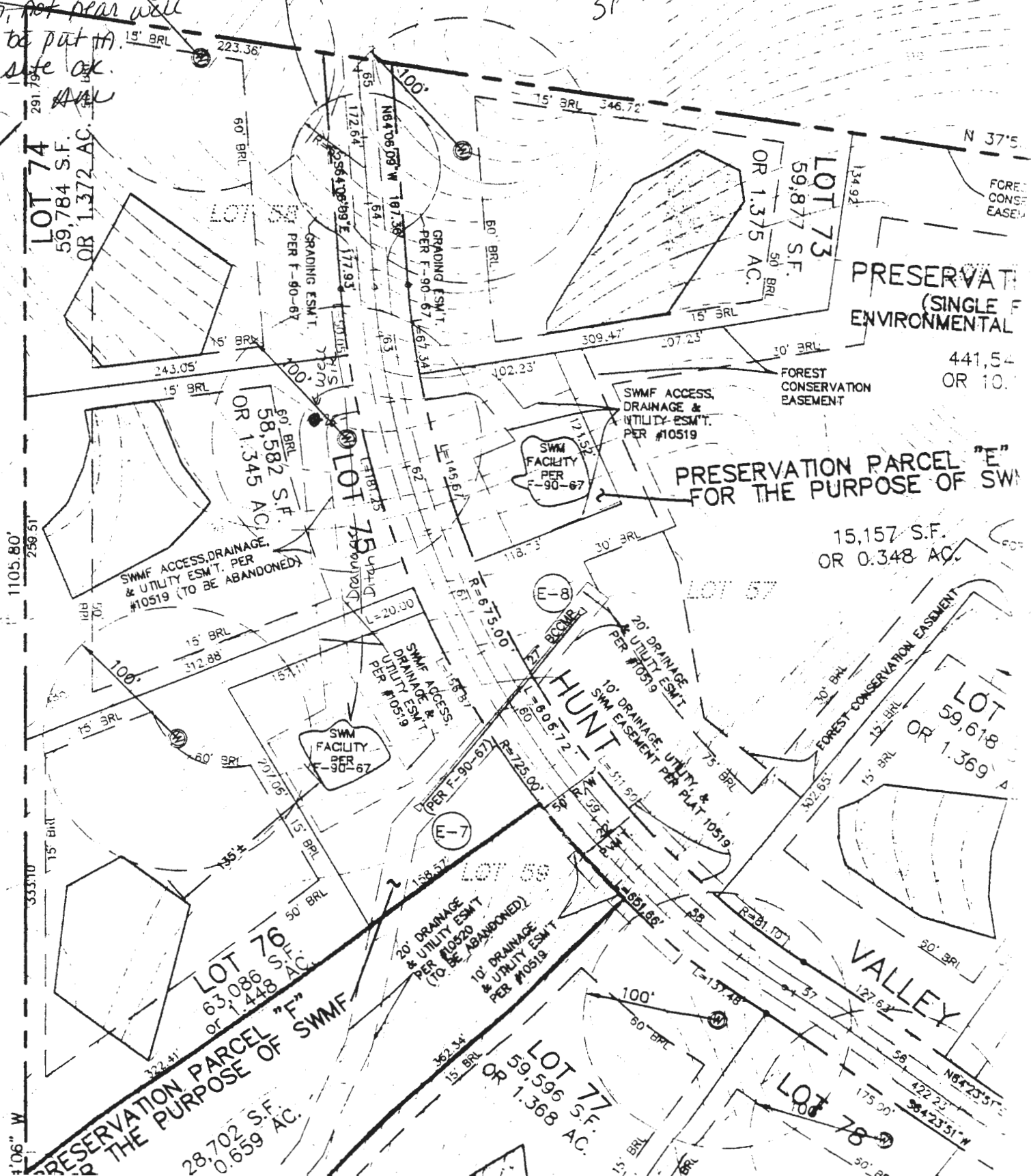
Stake moved 10'  
away from ditch -  
Final grading to  
be completed in  
30 days - more defined  
ditch, not near well  
is to be put in.  
Well site OK.

ADELAIDE C. ROGGS  
161/388  
230/584  
ONE RO-DEO

Approved  
SP 96 03

TEMP. TURN AROUND  
PER F-90-67  
WILL BE REMOVED WHEN  
HUNT VALLEY DRIVE  
IS EXTENDED BY OTHERS

LIMIT OF SUBMISSION



PRESERVATION  
(SINGLE ENVIRONMENTAL)

PRESERVATION PARCEL "E"  
FOR THE PURPOSE OF SWMF

PRESERVATION PARCEL "F"  
FOR THE PURPOSE OF SWMF

15,157 S.F.  
OR 0.348 AC.

441,54  
OR 10.1

FOREST  
CONSERVATION  
EASEMENT

FOREST  
CONSERVATION  
BASEMENT

E-8

E-7

VALLEY



4180

SEQUENCE NO. (MDE 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 A50474-A

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

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received grid

DATE WELL COMPLETED: 04/1/96

Depth of Well: 180

PERMIT NO.: H0-94-0740

OWNER: SAC Contractors; STREET OR RFD: Hunt Valley Dr.; TOWN: Glenwood; SUBDIVISION: Wellington; SECTION: III; LOT: 75

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. Includes entries for Sand and Gray Mica Rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay); NO. OF BAGS (17); NO. OF POUNDS (1598); DEPTH OF GROUT SEAL (0 to 51 ft.)

CASING RECORD

Case types (Steel, Concrete, Plastic, Other); MAIN CASING TYPE (SH); Nominal diameter (6); Total depth (59)

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

Screen type or open hole (Steel, Brass, Plastic, Open Hole, Other); SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN

C 3

PUMPING TEST

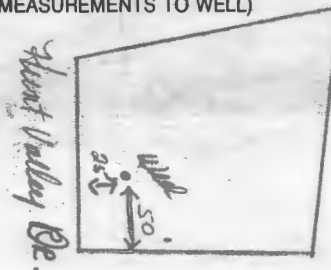
HOURS PUMPED (3); PUMPING RATE (20 gal. per min.); METHOD USED TO MEASURE PUMPING RATE (Bucket); WATER LEVEL (35 ft.); TYPE OF PUMP USED (Submersible)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO); TYPE OF PUMP INSTALLED; CAPACITY: GALLONS PER MINUTE; PUMP HORSE POWER; PUMP COLUMN LENGTH; CASING HEIGHT

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (Well abandoned and sealed), 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: Joseph E. Mayne

LIC. NO.:

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

DEPTH (nearest ft.) table with columns for casing depth and screen depth.

SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN

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

TELESCOPE CASING; LOG INDICATOR; OTHER DATA

**B 1** **3083** SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

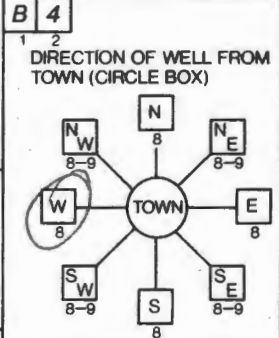
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**40-94-0740**  
 fill in this form completely

**OWNER INFORMATION**  
 Date Received (APA) **03/19/96**  
**SDC CONTRACTORS**  
 Last Name Owner First Name  
**BO BOX 417**  
 Street or RFD  
**ELKICOTT CITY MD 21041**  
 Town State Zip

**LOCATION OF WELL**  
**HOWARD** COUNTY  
**WELINGTON** SUBDIVISION  
 SECTION **44** LOT **75**  
**Glenwood** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **1/2** MI

**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD  
**Joseph R. Mayre** License No. **24**  
**Joseph R. Mayre Well Drilling**  
**55-12 Ridge Rd. Mt. Airy 21771**  
 Address  
**Joseph R Mayre 3/19/96**  
 Signature Date



TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

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

NOT TO BE FILLED IN BY DRILLER  
 HEALTH DEPARTMENT APPROVAL  
**Howard Co.** COUNTY NAME  
**A50474-A** COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_  
 DATE ISSUED **03/29/96**  
**A. McMillen** CO SIGNATURE  
**3/29/97** EXP. DATE  
 NORTH GRID **530000** EAST GRID **0790000**

**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)

APPROXIMATE DEPTH OF WELL **300** FEET  
 APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. **Well**  
 2.  
 3.  
 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

**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 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 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 (MDE OR COUNTY USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE **AM** WRITE INITIALS IN BOX PERMIT No. **40-94-0740**

**SPECIAL CONDITIONS**  
 NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -



A 50474-A

SUBDIVISION: Wellington Sec III

LOT NUMBER: 75

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom  
60 linear ft of trench  
per bedroom

Trench to be 3 wide.

Inlet 3.5 feet below original grade.

Bottom maximum depth 5.0 feet below original grade.

Effective area begins at 3.5 feet below original grade.

1.5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_