

Tax ID - 03-315630

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513185

A 42205

DISTRICT \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

### INDEXED

DATE 12/20/99

DATE SYSTEM APPROVED 5/26/00

INSPECTOR BB

Hy + Lowe IS PERMITTED TO INSTALL  ALTER

ADDRESS 7000 Warfield Road, Gaithersburg, MD 20760 PHONE 301-926-5924

SUBDIVISION Second Discovery LOT 15 ROAD 12713 Maryvale Court

PROPERTY OWNER David Stadler

ADDRESS \_\_\_\_\_ **BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS **AND RETURNED**

NUMBER OF BEDROOMS 4 **1-15-04 800145826 - FINISH BASEMENT - NO BDRMS**

180 SQUARE FEET PER BEDROOM.

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place distribution box 105 feet from the front lot line and 105 feet from the left lot line. Run trenches along contour within platted septic reserve area.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 11/22/99 AU OR

PLANS APPROVED BY C. Williams/Amy McMillen DATE 10/28/1999

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

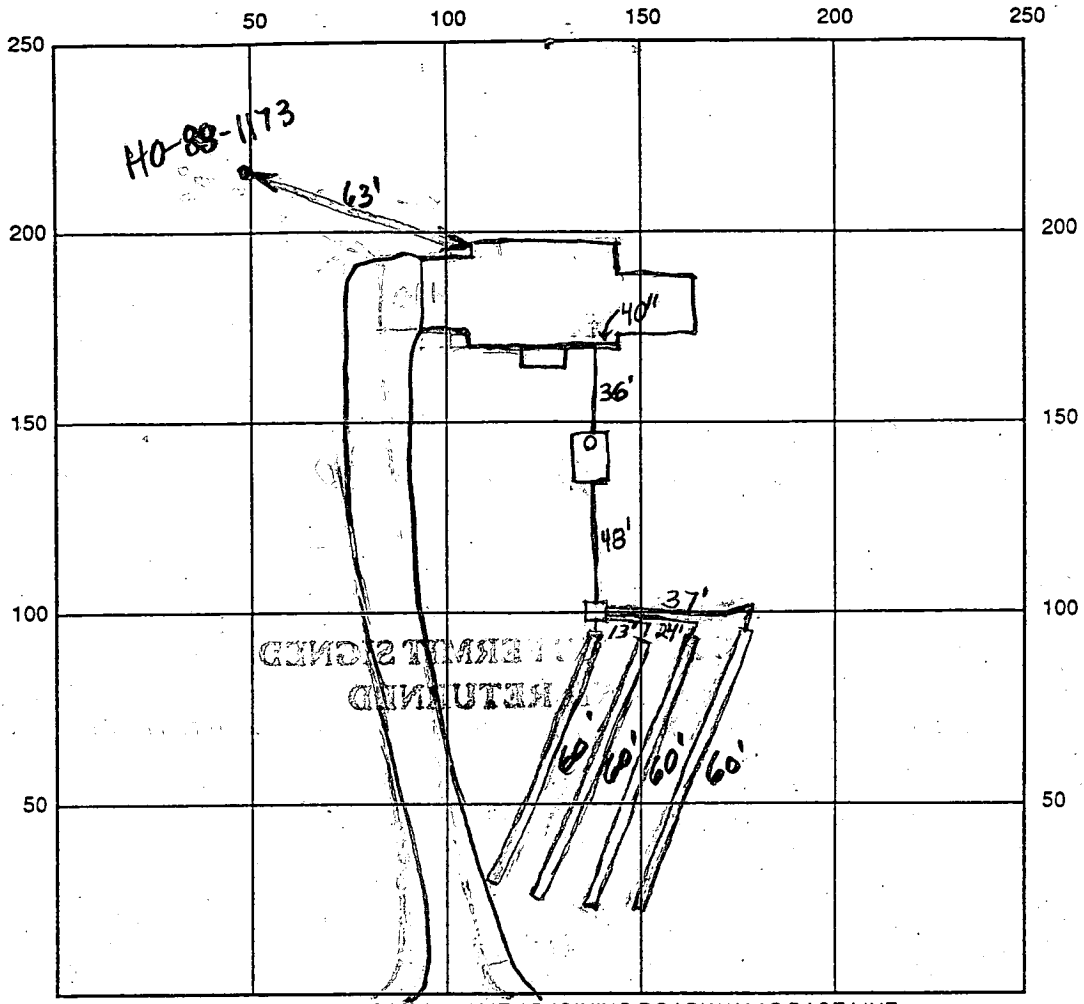
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 42205

*2/23/00  
Septic layout  
2/25/00  
Septic CO  
10 AM  
5/26/00  
House conn  
ANYTIME*



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 Maryvale Ct.

SEPTIC TANK LEVEL 1250 gal mid-seamed CLEANOUTS 1-6" Tank

DISTRIBUTION BOX LEVEL O.K.

DRAIN FIELD/TITLE DEPTH 5.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 240 FT. (4x60')

NUMBER OF TRENCHES 4 ~~ONE SIDE WALL~~/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA      SQ. FT.

REMARKS: 2/23/00 Met with installer. Twist trench to end near driveway out of proposed easement. To run 4-60' trenches and try to stay out of old riverbed and sloped area running toward road. (BB) 2/25/00  
No house connection. System satisfactory. O.K. to cover (BB)  
5/26/00 House connection made. (BB)

DATE SYSTEM APPROVED 5/26/00 INSPECTOR B. Baker

# APPLICATION

PERCOLATION TESTING

A- 42205

P \_\_\_\_\_

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

DISTRICT Third

DATE Feb. 26, 1988

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 William W. Aitcheson DAVID STADER

ADDRESS 12706 Folly Quarter Rd., Clarksville, Md. 21029 PHONE 301 596 9208

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

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

PROPERTY LOCATION:

SUBDIVISION Aitcheson Property " Second Discovery " LOT NO. 15

ROAD AND DESCRIPTION Court 'A' ( on West side ) (12713 MARYVALE COURT)

TAX MAP 22 Blk 23 PARCEL # 45

SIZE OF LOT 3.78 acres TYPE BLDG Single Family Dwg - 4 Br  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

PERMIT SIGNED  
AND RETURNED 10-23-99  
Send # 120 826

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.

W<sup>m</sup> W. Aitcheson  
(SIGNATURE OF APPLICANT)

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

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

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

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

HD-216

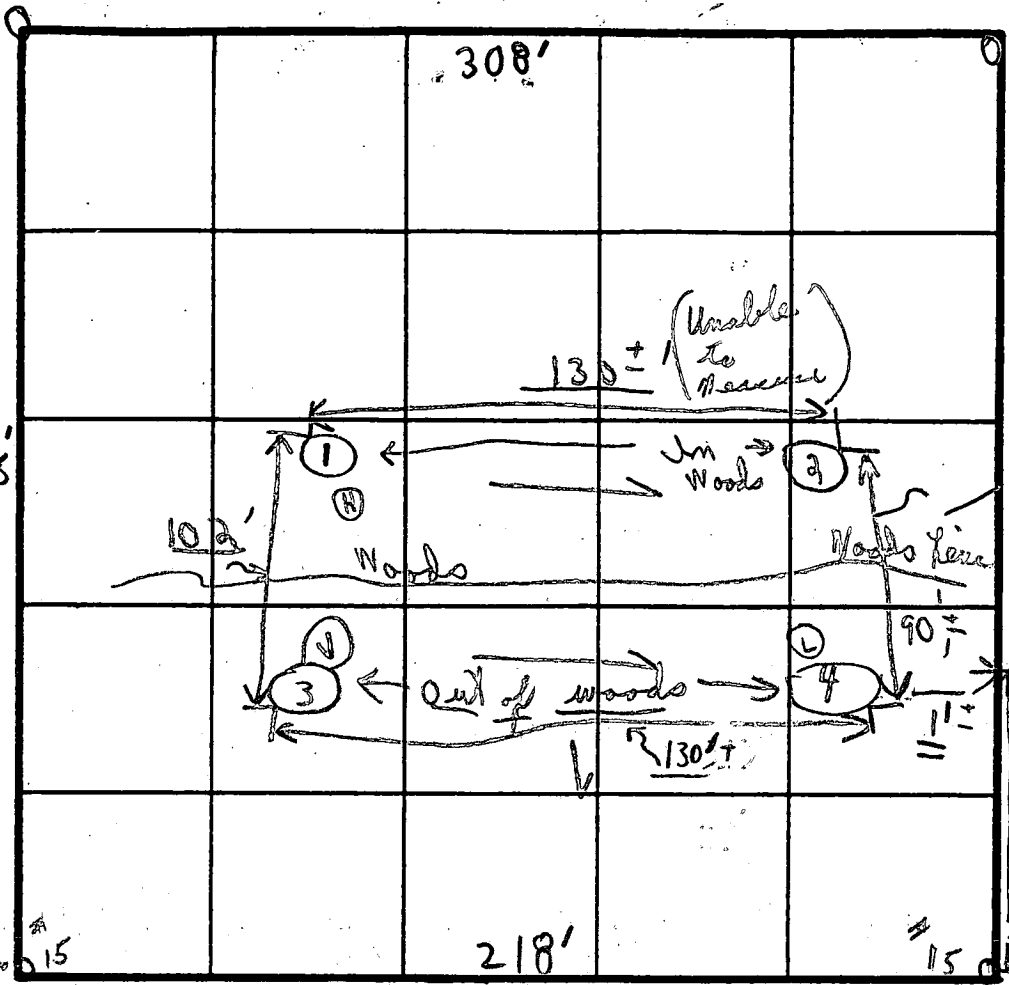
# THIS IS NOT A PERMIT

A 42205

#15

SOIL PROFILE

| H. No. | SOIL PROFILE |
|--------|--------------|
| # ①    | CLAY         |
| # ②    | To           |
| # ③    | Sandy        |
| # ④    | Loam         |
|        | No Stone     |
|        | No Rock      |



Same hole as #14 & 15

500'

Same hole as #14 & 15

① 11'    ④ 14 1/2'  
② 12'    ③ 13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
COURT "A"

INLET 2 1/2'  
BOTTOM 6 1/2'  
X 5 MIN  
180#  
CW

| SOIL PROFILE                              | DATE   | TEST NO. | DEPTH   | PRE-WET |                                   | TEST - 1" DROP |      | TIME  |
|---|--------|----------|---------|---------|-----------------------------------|----------------|------|-------|
|   |        |          |         | START   | STOP                              | START          | STOP |       |
| 1'-4' White clay<br>4' humus<br>See above | 8/3/88 | 1A       | 4'      | 2:20    | 2:23                              | 2:23           | 2:29 | 6 min |
| 1'-2' clay<br>Loam White<br>See above     | 8/3/88 | 1B       | 6 1/2'  | 2:20    | 2:22                              | 2:22           | 2:25 | 3 min |
| 1'  |        | 2A       | 2 1/2'  | 2:14    | 2:15                              | 2:15           | 2:17 | 2 min |
| 1'  |        | 2B       | 12'     |         | White foam                        |                |      |       |
| 1'  |        | 3A       |         |         |                                   |                |      |       |
| 1'  |        | 3B       | 13'     |         | Visual similar to ④               |                |      |       |
| 1' See white loam                         |        | 4A       | 6 1/2'  | 2:07    | 2:10                              | 2:10           | 2:13 | 3 min |
| 1'  |        | 4B       | 14 1/2' |         | Visual sandy loam - reddish brown |                |      |       |
|   |        |          |         |         |                                   |                |      |       |
|   |        |          |         |         |                                   |                |      |       |

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY C. B. C. ALSO PRESENT 2 Fyock's men  
1 owner

PROPERTY OF  
 MARTHA B. LYNCH AND FLORENCE SPRINGS  
 861/261

PROPERTY OF  
 HOWARD COUNTY MARYLAND  
 861/258

LOT 15  
 3.00 Acre  
 PLAT 9142

Approved Septic System Plan  
 Howard County Health Department

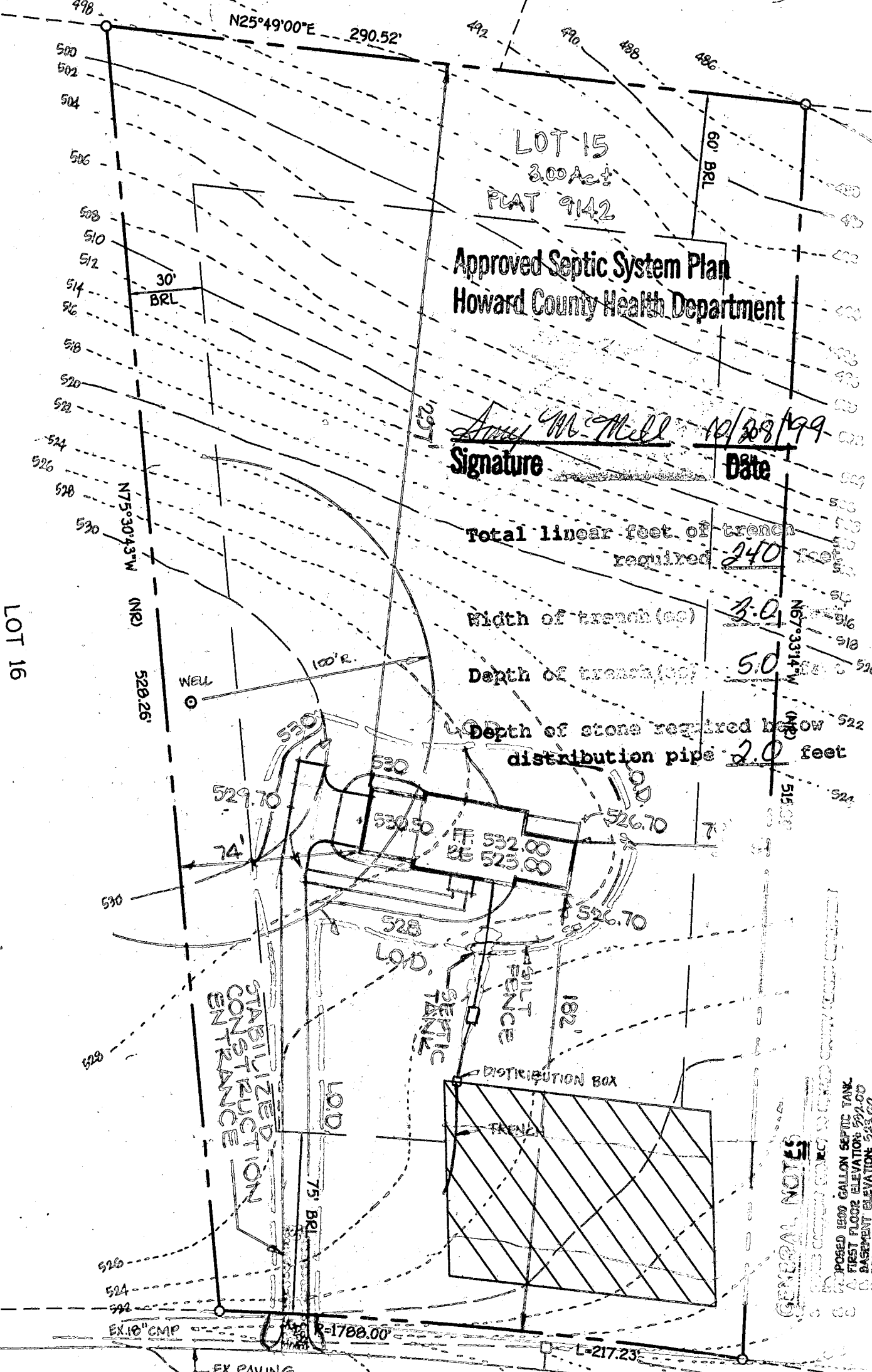
*Ann M. McNeil* 10/28/99  
 Signature Date

Total linear feet of trench required 240 feet  
 Width of trench (feet) 3.0  
 Depth of trench (feet) 5.0  
 Depth of stone required below distribution pipe 2.0 feet

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10228 SAUNDERS NATIONAL PIKE  
 ELICHTHAMP, MARYLAND 21042  
 (410) 461-2895

LOT 16

LOT 1

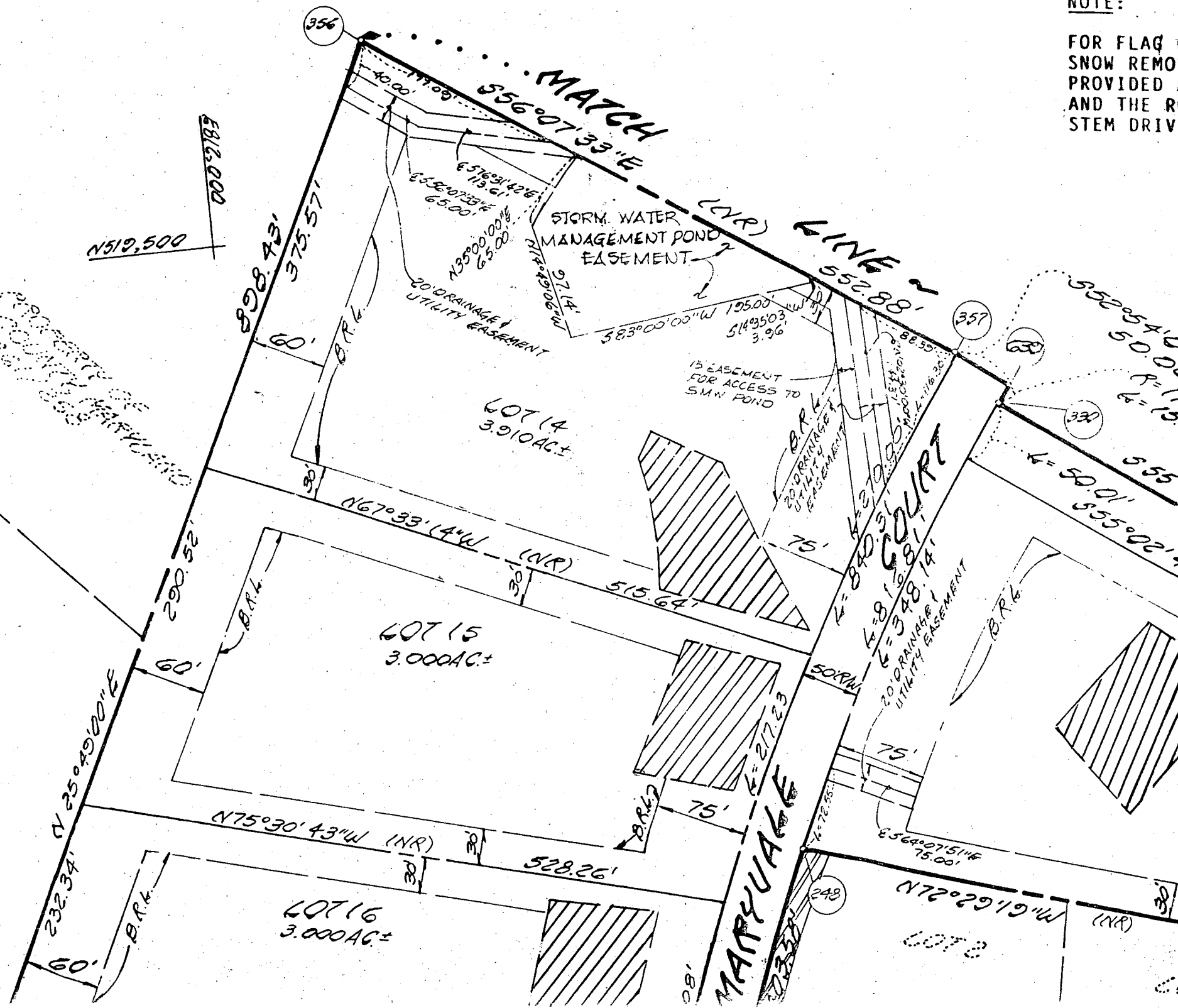


GENERAL NOTES

1. PROPOSED 1500 GALLON SEPTIC TANK.
2. FIRST FLOOR ELEVATION: 522.00
3. BASEMENT ELEVATION: 525.00
4. INVERT OF SEPTIC SYSTEM AT HOUSE: 521.00
5. INVERT IN AT SEPTIC TANK: 525.00
6. PROPOSED GRADE OVER SEPTIC TANK: 519.7
7. (A) INVERT AT SEPTIC TANK: 525.00
8. (B) INVERT AT SEPTIC TANK: 525.00

MARYVALE COURT

NOTE:  
 FOR FLAG  
 SNOW REMO  
 PROVIDED  
 AND THE R  
 STEM DRIV



PROPERTY OF  
 MARYUAG  
 2006 SURVEYING

PROPERTY OF  
 MARYUAG  
 2006 SURVEYING

356

357

330

248

381

MATCH  
 S56°07'33"E

LINE  
 S52°54'00"

MARRYUAG  
 S27°23'00"

50' COURT  
 S34°08'14"

LOT 14  
 3.910 AC±

LOT 15  
 3.000 AC±

LOT 16  
 3.000 AC±

STORM WATER  
 MANAGEMENT POND  
 EASEMENT

20' DRAINAGE  
 UTILITY EASEMENT

15' EASEMENT  
 FOR ACCESS TO  
 SMW POND

20' DRAINAGE  
 UTILITY EASEMENT

20' DRAINAGE  
 UTILITY EASEMENT

N519,500

E812,000

S28°43'  
 375.57'

N25°49'00"E  
 232.34'

N67°33' (4"W)  
 290.52'

N75°30'43"W (NR)  
 528.26'

N67°33' (4"W)  
 515.647

S83°00'00"W  
 195.00'  
 S14°35'03"  
 3.916'

S40°31'  
 481.581'  
 S34°08'14"  
 348.14'

S56°07'51"W  
 75.00'

N72°29'19"W  
 M.G. 2211

S52°54'00"  
 50.00'  
 S55°02'12"  
 50.01'  
 S55°02'12"  
 55.55'

S55°02'12"  
 55.55'

N72°29'19"W  
 (NR)

B 1 6361 SEQUENCE NO. (DP-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: 40-88-11173 fill in this form completely

Date Received (APA) 122889 OWNER INFORMATION Sec Dis Ltd Partner 8307 Main Street Fillicott City Md 21043

B 3 LOCATION OF WELL Howard Second Discovery Glenelg MILES FROM TOWN 1 MI

DRILLER INFORMATION Frank Delph 453 Frank Delph Well Drillers Inc 18234 Penn Shop Rd Mt Airy Md 12/19/89

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD Maryvale Court ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 200 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)

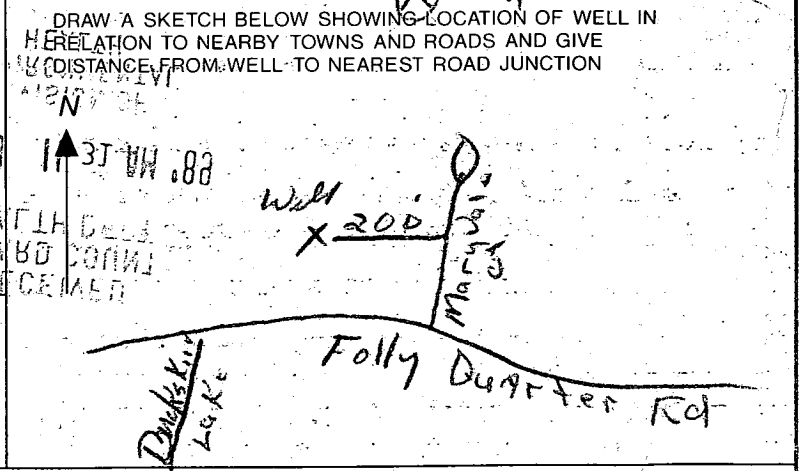
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard COUNTY NAME A42205 COUNTY NO. STATE SIGNATURE DATE ISSUED 012580 Mark E. Kellin 7/25/90 CO SIGNATURE EXP. DATE NORTH GRID 519000 EAST GRID 0812000

APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

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 E 812 N 519

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 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 GAP FORCE MR PERMIT No. 40-88-11173

SPECIAL CONDITIONS COUNTY

5/21/90

① 21 FT pipe

② 18 FT open hole

③ 5 bags

④ Well was grouted Saturday May 19

Got information at pump test of

May 21

⑤ well OK

RECEIVED  
HEALTH DEPT.  
ENVIRONMENTAL  
HEALTH

MAY 28 11:31 AM '88

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

C1 1315 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A42205

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 052190

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-88-1173

OWNER SECOND DISCOVERY LTD Partnership last name first name TOWN GLOBAL SUBDIVISION SECOND DISCOVERY SECTION LOT 15

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 handwritten entries like 'Topsoil', 'Siltstone', 'Sandstone', 'Mika'.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS 5 NO. OF POUNDS 500

CASING RECORD casing types insert appropriate code below. Includes checkboxes for STEEL, CONCRETE, PLASTIC, OTHER.

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

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

SCREEN RECORD screen type or open hole insert appropriate code below. Includes checkboxes for STEEL, BRASS, OPEN HOLE, PLASTIC, OTHER.

DEPTH (nearest ft.) 110 21 704. Includes SLOT SIZE and 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.) W.Q. TELESCOPE CASING LOG INDICATOR OTHER DATA

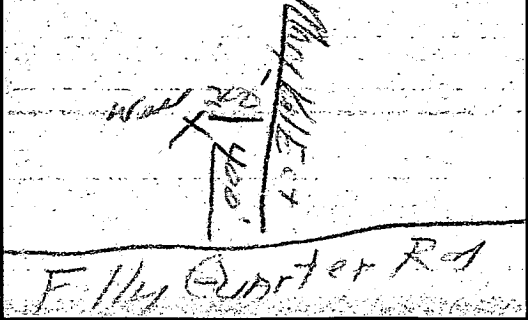
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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) LAND SURFACE

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)



CIRCLE APPROPRIATE LETTER 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 26.04.04 "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. 453 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)