

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511950

A 57313-N

DISTRICT \_\_\_\_\_

DATE 6/16/99

DATE SYSTEM APPROVED 10/19/99

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

INDEXED

SK Backhoe, & Septic Services IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 1220 FSK Highway, Keymar, Maryland 21757 PHONE 301-898-0955

SUBDIVISION Sycamore Valley II LOT 13 ROAD 3708 Championship Drive

PROPERTY OWNER Trinity Builders

ADDRESS \_\_\_\_\_

TOP SEAMED TANK REQUIRED

PUMPED SEPTIC SYSTEM

SEPTIC TANK CAPACITY 1250 GALLONS

INSTALL: - 1-1250 Gallon Top Seamed Pump Chamber.

NUMBER OF BEDROOMS 4

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.

180 SQUARE FEET PER BEDROOM

- Pump performance test is necessary prior to Health Department approval of pumped septic system.

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 the distribution box 65 feet off the 215.00' lot line and 10 feet off the 241.95' lot line. Run trenches on contour toward the 215.00' 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. OK/MR

PLANS APPROVED BY Mark Rifkin DATE 14-06-1999

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.

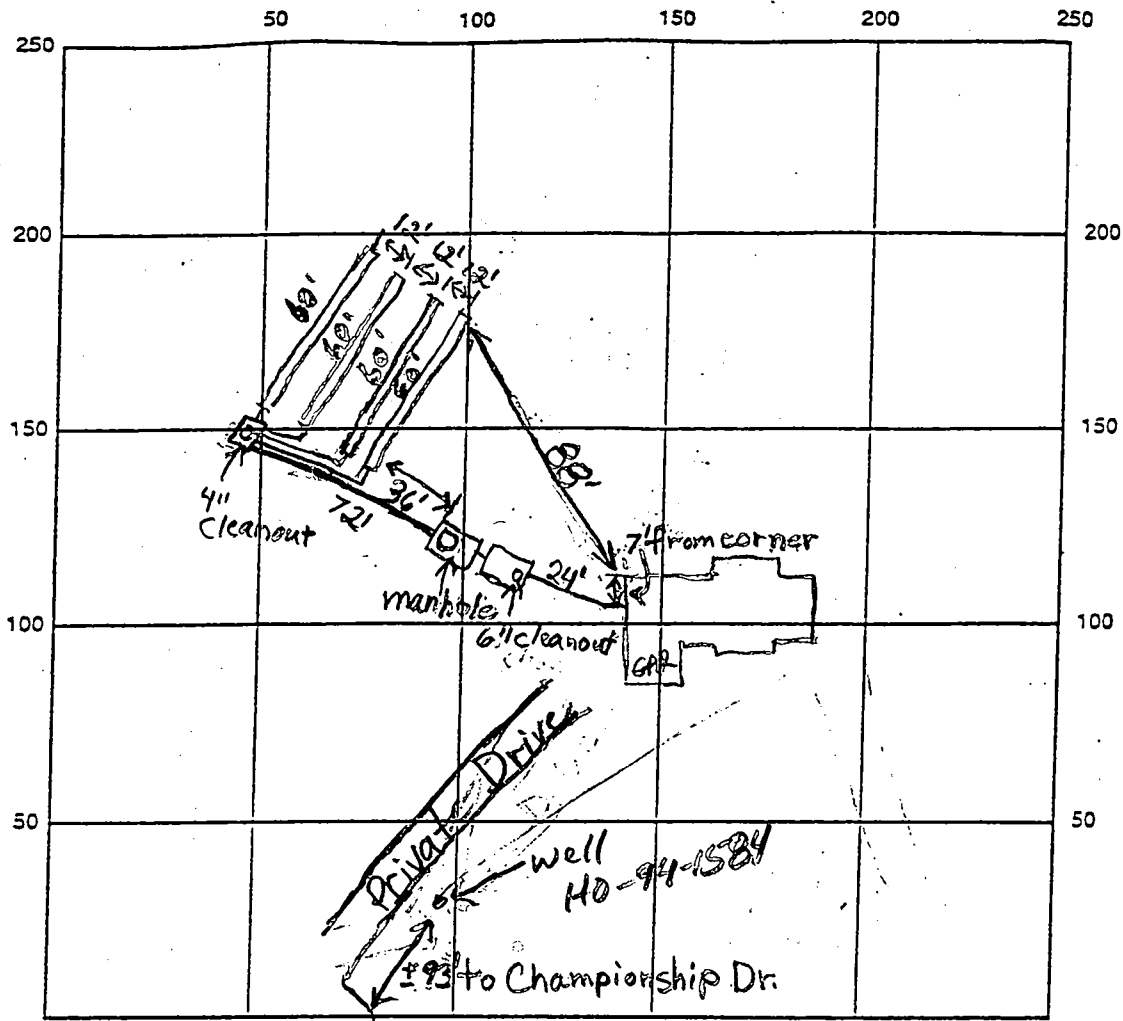
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

7/14/99  
CO. 9/99  
10-10:30

04-361644

A 57313-N



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2-1250 gal. top seam CLEANOUTS 1-6" tank, pump manhole,  
 DISTRIBUTION BOX LEVEL O.K. 1-4" distribution box

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 4x60 FT. (240)

NUMBER OF TRENCHES 4 ~~CROSS SECTION~~ BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: House connection made. O.K. to cover all work. Final  
approval pending pump test. 7/14/99 (BIB) 8/24/99 - WP# ON - (SRN)  
10/19/99 Final Septic Insp - pump performance test OK. DLS

DATE SYSTEM APPROVED 10/19/99 INSPECTOR D. Smart

# APPLICATION

PERCOLATION TESTING

A 57313

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT \_\_\_\_\_

DATE 10/9/96

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 Frances Devlin Trinity Builders

ADDRESS W305 Hickory Ridge Rd Site 215 PHONE CI. MD 210-4 740-2100

AGENT OR PROSPECTIVE BUYER Land Design and Development

ADDRESS W305 Hickory Ridge Rd Site 215 PHONE CI. MD 210-17 740-2100

PROPERTY LOCATION:

SUBDIVISION Devlin Property LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Sumner Rd

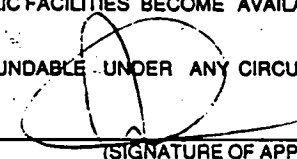
3708 Championship Drive

BLDG. PERMIT SIGNED  
AND RETURNED 4-6-99  
Serial # B00116978

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 10 x 1 acre TYPE BLDG. Single - 4 Bdr  
(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.

  
(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

COUNTY #

SOIL PROFILE

0.1636 333

dark red brn  
SiLm  
20%  
Frags  
no  
distinct  
clay  
layer

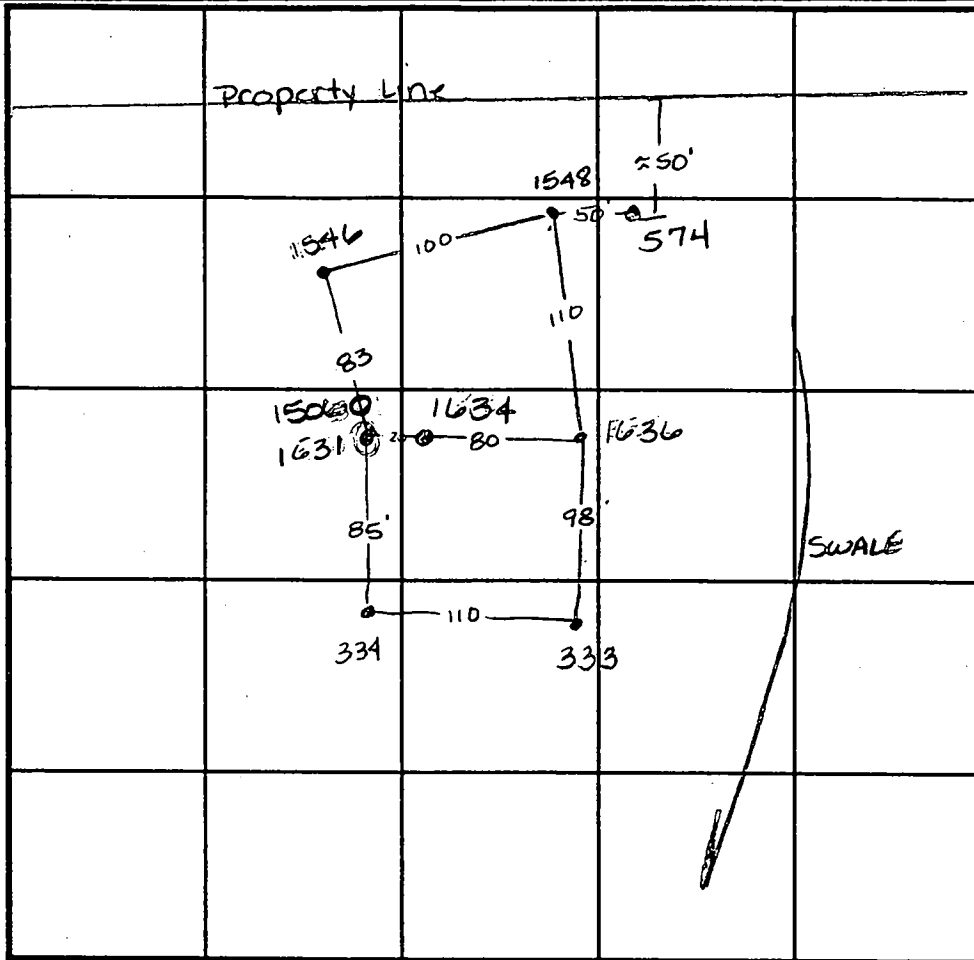
1548

bright red  
SiLm  
bright red  
SiLm

orange yellow  
SiLm

dark red  
SiLm

beigh orange  
SiLm  
Some  
Rx  
at  
bottom  
45%



SOIL PROFILE

0.1631

orange brn  
SiLm  
bright red  
SiLm  
250%  
Rx  
orange tan  
SiLm

refusal

1506

dark red  
SiLm  
SiLm  
30% Rx  
lgt red  
red brn  
getting  
harder  
pattern

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-18-96	1636	4.0 11.0	11:45 <sup>15</sup>	11:47 <sup>15</sup>	11:47 <sup>15</sup>	11:50	24min
	1548	3.0 12.0	11:50	11:54	11:54	12:00	6min
	1631	Visual	to 10.0 - see profile				F
	333	Visual	to 12.0 - see profile				OK
	334	3.5 11.5	12:10	12:13	12:13	12:17	4min
	1634	Visual	to 11.5 - see profile				OK
1-22-97	1506	Visual	to 10.5 - see profile				OK
10-7-97	574	Visual	to 11.0 - see profile				OK

REMARKS \_\_\_\_\_

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

TESTED BY AMY McMillen ALSO PRESENT \_\_\_\_\_

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

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

11.0

5.0

12.0

11.0

3.0

6.0

10.0

5.0

10.5

574 334 1634

LOT 14  
COUNTRYSIDE  
PLAT No. 4783

LOT 13  
COUNTRYSIDE  
PLAT No. 4783

LOT 12  
COUNTRYSIDE  
PLAT No. 4783

LOT 11  
COUNTRYSIDE  
PLAT No. 4783

LOT 10  
COUNTRYSIDE  
PLAT No. 4783

Iron Pipe  
Found (off Title Line)

3/4"  $\phi$  Iron Pipe  
Found (0.08' off Title Line)  
WOOD SHED

3/4"  $\phi$  Iron Pipe  
Found (0.17' off Title Line)

3/4"  $\phi$  Iron Pipe  
Found (0.02' off Title Line)

3/4"  $\phi$  Iron Pipe Found  
(Held)

Use-In-Common  
Easement For  
Of Lots 11 & 12

LOT 11  
46,114 Sq.Ft.\*

115

LOT 10  
44,778 Sq.Ft.\*

LOT 12  
72,807 Sq.Ft.\*

LOT 13  
57,758 Sq.Ft.\*

LOT 14  
64,612 Sq.Ft.\*

LOT 16  
WARFIELD ESTATES  
SECTION SEVEN  
PLAT No. 3706

24' USE-IN-COMMON ACCESS EASEMENT  
FOR THE BENEFIT OF LOTS 13 AND 14

Non-Buildable  
Agricultural  
Preservation  
Parcel "C"  
7.167 Ac.\*

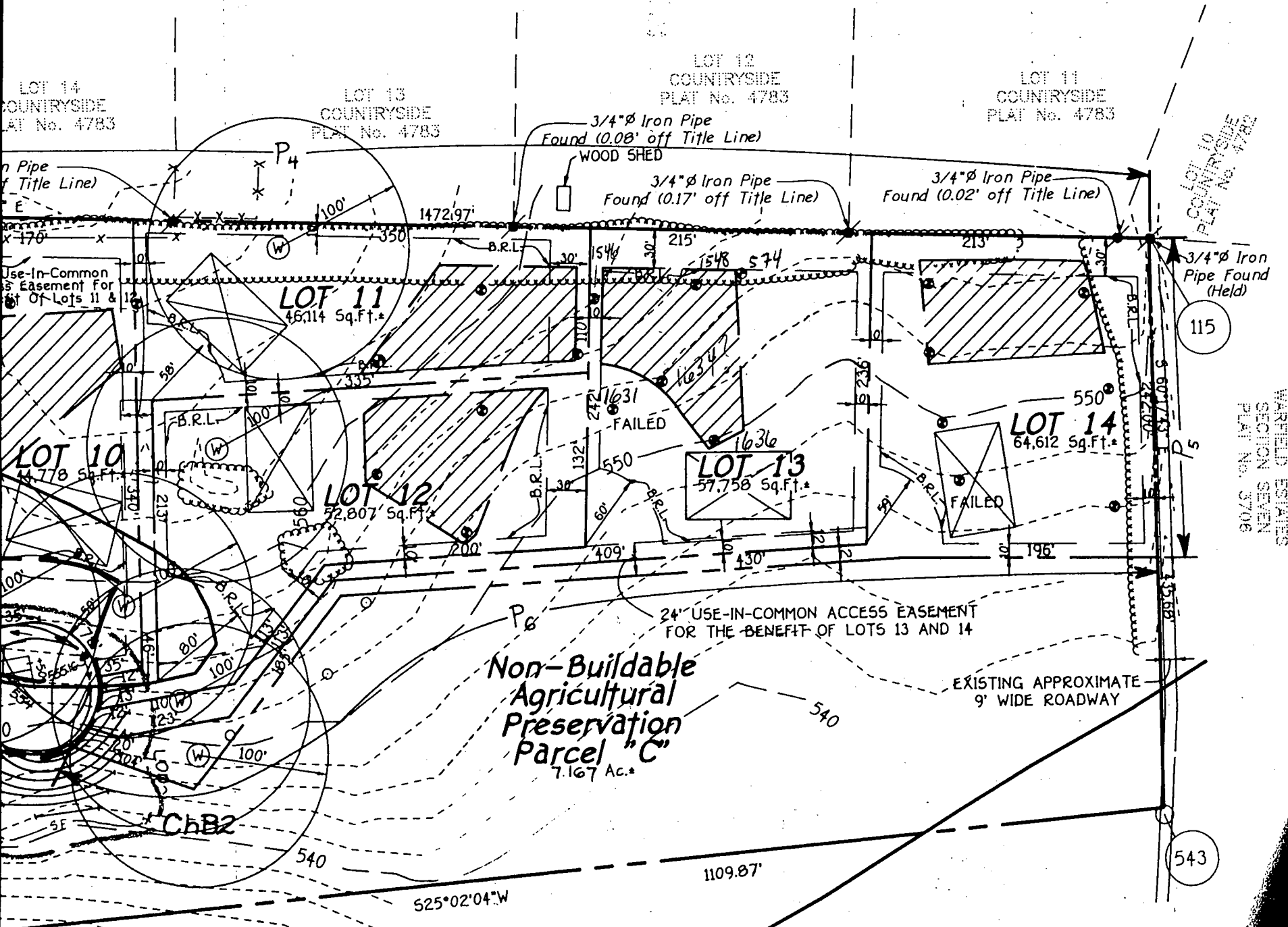
EXISTING APPROXIMATE  
9' WIDE ROADWAY

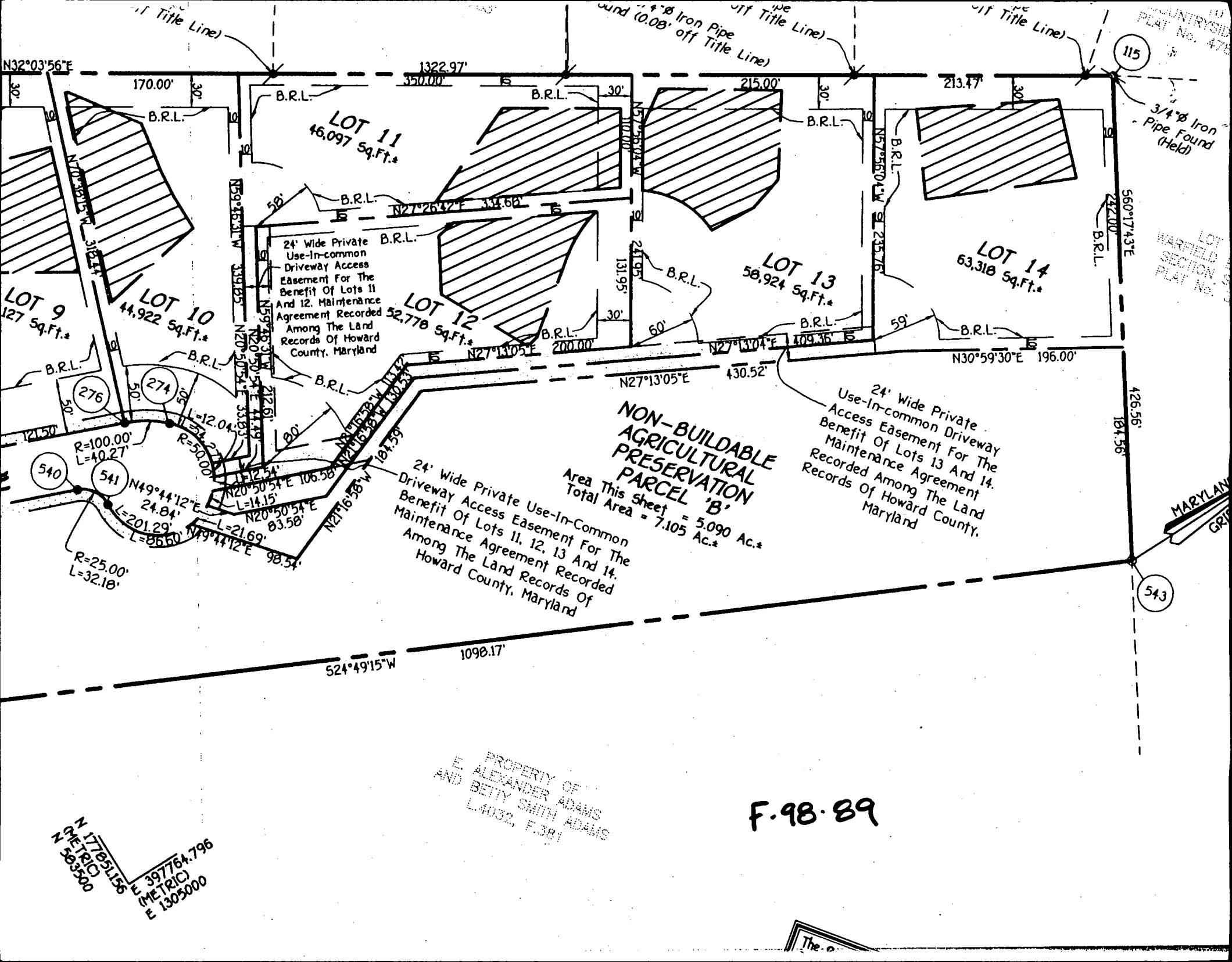
ChB2

525°02'04"W

1109.87'

543





115

3/4" Iron Pipe Found (Held)

LOT 10  
WARFIELD SECTION  
PLAT No. 47

MARIYLAND  
GREEN

543

**NON-BUILDABLE AGRICULTURAL PRESERVATION PARCEL 'B'**  
Area This Sheet = 5.090 Ac.\*  
Total Area = 7.105 Ac.\*

24' Wide Private Use-In-Common Driveway Access Easement For The Benefit Of Lots 11, 12, 13 And 14. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland

24' Wide Private Use-In-Common Access Easement For The Benefit Of Lots 13 And 14. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland

PROPERTY OF  
E. ALEXANDER ADAMS  
AND BETTY SMITH ADAMS  
L4032, F.381

F.98.89

N 1785.115  
E 3935.500  
397764.796  
(METRIC)  
E 1305000

The o

C1 01383 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A67313

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY 07 14 98

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1584

OWNER: MID ATLANTIC DEVELOPMENT last name first name STREET OR RFD: CHAMPIONSHIP DR. TOWN: ELLENWOOD SUBDIVISION: DEULIN PROPERTY SECTION: LOT: 13

WELL LOG Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown Sandstone, Gray Granite, Green Granite, etc.

GROUTING RECORD Form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay), NO. OF BAGS, NO. OF POUNDS, DEPTH OF GROUT SEAL.

CASING RECORD Form: casing types insert appropriate code below (ST, CO, PL, OT).

MAIN CASING TYPE Form: Nominal diameter top (main) casing (06), Total depth of main casing (40).

OTHER CASING (if used) Form: diameter, depth (feet).

SCREEN RECORD Form: screen type or open hole (ST, BR, HO, PL, OT).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) CIRCLE APPROPRIATE LETTER (A, E, P)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. MWD 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MWD 341 max S. Jones

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

DEPTH (nearest ft.) Table with columns for casing depth (40, 250) and screen diameter (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) TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST Form: HOURS PUMPED (3), PUMPING RATE (15), METHOD USED TO MEASURE PUMPING RATE (watch & bucket), WATER LEVEL (36, 44), TYPE OF PUMP USED (S - submersible)

PUMP INSTALLED Form: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43), CASING HEIGHT (+ above, - below)

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) See Attached



B 1	<b>4113</b>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND <b>PERMIT TO DRILL WELL</b> please print or type	STATE PERMIT NUMBER <b>HO - 94 - 1584</b> <small>fill in this form completely</small>
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Date Received (APA) **06-05-98**

**OWNER INFORMATION**

**MID-ATLANTIC DEVELOPMENT II LLC**  
Last Name Owner First Name

**5026 DORSET HALL DRIVE SUITE 200B**  
Street or RFD

**ELICOTT CITY MD 21042**  
Town State Zip

**LOCATION OF WELL**

**HOWARD**  
COUNTY

**DEVLIN PROPERTY**  
SUBDIVISION

SECTION **44** LOT **13**

**GLENWOOD**  
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **1** M

**DRILLER INFORMATION**

**MICHAEL BARLOW MD D 355**  
Driller's Name License No.

**MICHAEL BARLOW WELL DRILLING SV. INC**  
Firm Name

**912 FAWN COURT, JOPPA MD 21085**  
Address

Signature \_\_\_\_\_ Date \_\_\_\_\_

**DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

**CHAMPIONSHIP DRIVE**  
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

**65**  
DISTANCE FROM ROAD  
ENTER FT OR MI

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

**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 APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

**Howard Co** COUNTY NAME  
**A57313** COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S →

DATE ISSUED **06-12-98** **A McMillen** 6/12/98  
CO SIGNATURE EXP. DATE

NORTH GRID **522 - 000** EAST GRID **792 000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E **7902**

N **5202**

grout 1:30 7-14-98

Missed insp

**km**

**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) \_\_\_\_\_

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

**Champion Ship**

**Howard Co**

**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**

APPROP. PERMIT NUMBER \_\_\_\_\_ G A P

WRITE INITIALS IN BOX **Am** PERMIT No. **HO - 94 - 1584**

LOT 14  
COUNTRYSIDE  
PLAT No. 4783

LOT 13  
COUNTRYSIDE  
PLAT No. 4783

LOT 12  
COUNTRYSIDE  
PLAT No. 4783

LOT 11  
COUNTRYSIDE  
PLAT No. 4783

3/4"  $\phi$  Iron Pipe  
Found (0.20' off Title Line)  
N 32°03'56" E

3/4"  $\phi$  Iron Pipe  
Found (0.08' off Title Line)  
WOOD SHED

3/4"  $\phi$  Iron Pipe  
Found (0.17' off Title Line)

3/4"  $\phi$  Iron Pipe  
Found (0.02' off Title Line)

3/4"  $\phi$  Iron  
Pipe Found  
(Held)

24" Use-In-Common  
Access Easement For  
The Benefit Of Lots 11 & 12

LOT 11  
46,114 Sq.Ft.\*

LOT 14  
64,612 Sq.Ft.\*

LOT 13  
57,758 Sq.Ft.\*

LOT 12  
52,807 Sq.Ft.\*

LOT 10  
4,778 Sq.Ft.\*

LOT 9  
27 Sq.Ft.\*

115

6/12/98 well site OK as  
shown - staked by a licensed  
surveyor. Field inspection  
not useful due to the  
lack of property markers  
or visible test holes in an  
open field.  
A McMill

24" USE-IN-COMMON ACCESS EASEMENT  
BENEFIT OF LOTS 13 AND 14

EXISTING APPROXIMATE  
9' WIDE ROADWAY

WATER  
SECTION SEVEN  
PLAT No. 5706

LOT 10  
COUNTRYSIDE  
PLAT No. 4783

5

625°02'04"W

1109.87'

