

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 570568-D

A 57313

DISTRICT \_\_\_\_\_

DATE 7-16-98

DATE SYSTEM APPROVED 11/5/98

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 580 Obrecht Rd, Sykesville, MD 21784 PHONE 410-795-5674

SUBDIVISION Devlin Property LOT \_\_\_\_\_ ROAD 14722 Dorsey Mill Road

PROPERTY OWNER E. Alexander Adams

ADDRESS \_\_\_\_\_

TOP SEAMED TANK REQUIRED  
SEPTIC TANK CAPACITY 1500 GALLONS

PUMPED SEPTIC SYSTEM

NUMBER OF BEDROOMS 5

TOP-SEAMED-PUMP CHAMBER REQUIRED

INSTALL: 1500 Gallon Pump Pit

180 SQUARE FEET PER BEDROOM

NOTES: - Septic pump detail to be provided by the installer prior to issuance of septic permit.  
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3' wide. Inlet 2 1/2' below original grade. Bottom maximum depth 4' below original grade. 2' of stone below distribution pipe.

LOCATION - Place trenches (in highest part of the septic area).

NOTES - No trench to exceed 100' in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Amy Mc Millen/Craig Williams ok/cw DATE 4/15/98

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.

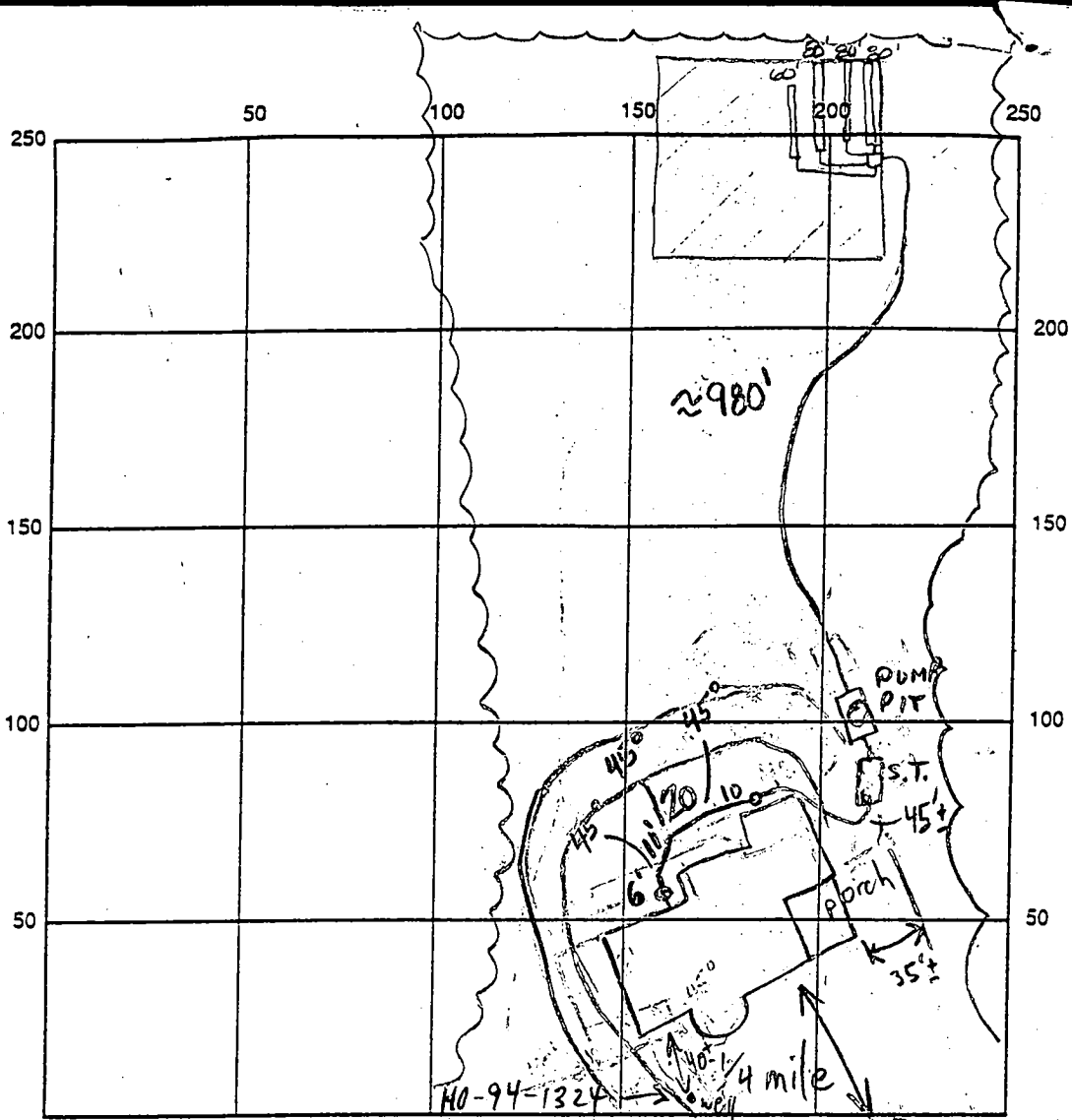
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

7.15 noon  
7.16.98  
10AM  
10/16/98  
pump  
Check Nam  
11/5/98  
pump  
check

04-310845

A 57313



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Dorsey MA 011

SEPTIC TANK LEVEL 1500 top seam pump tank CLEANOUTS 1 at house, 1 on line

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 4.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 2.0 FT.

EFFECTIVE GRAVEL DEPTH 20 FT. TOTAL LENGTH 300' FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET 2.0 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 7/13/98 OK to cover trenches - "watertight" top sealed tanks have a weep hole in the bottom - do not install

7/14/98 OK to cover from house to end of line, waiting on new tank, has house connection (KM)

7/15/98 OK to cover tanks, will put on cleanout per contractor (KM)

10/16/98 no electricity pump test not completed (KM) 11/5/98 PUMPS/ALARM OK (MR)

DATE SYSTEM APPROVED 11/5/98 INSPECTOR M. Ritkin



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HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

August 3, 1998

MEMORANDUM

TO: E. Alexander Adams  
14722 Dorsey Mill Road  
Glenwood, Maryland 21738

FROM: Amy Mc Millen, R.S.  
Water & Sewerage Program *AM*

RE: Demolition Permit  
14722 Dorsey Mill Road

This is to advise that the Howard County Health Department recommends issuance of the demolition permit for the above referenced property.

You have advised this office that should a septic system be located during demolition, the septic tank and drywell (if present) will be properly pumped and collapsed.

Also, you have advised this office that the existing water supply, a spring, has been disconnected from the house and will be renovated as necessary for external garden use only and will be kept in a sanitary condition.

AM

cc: file  
BP office

Fogle's Septic

Attn: Amy

14722 Corsey Mill Rd

55' of elevation

1000' of lateral run

friction loss for 2" pvc

1.7' of head / 100' of run

$10 \times 1.7 = 17'$  of additional head

$55' + 17' = 72'$  of

~~total~~ total dynamic  
head

Flow Rate = ~~10~~ 10 GPM

Model: ~~WE1012BF~~

~~WE1012BF~~ 1hp pump

WE1012BF



# Submersible Effluent Pump

MODEL

# 3885



## APPLICATIONS

Specifically designed for the following uses:

- Homes
- Farms
- Trailer courts
- Motels
- Schools
- Hospitals
- Industry
- Effluent systems

## SPECIFICATIONS

### Pump

- Solids handling capabilities: 3/4" maximum.
- Discharge size: 2" NPT.
- Capacities: up to 128 GPM.
- Total heads: up to 123 feet TDH.
- Mechanical seal: silicon carbide-rotary seat/silicon carbide-stationary seat, 300 series stainless steel metal parts, BUNA-N elastomers.
- Temperature: 104°F (40°C) continuous 140°F (60°C) intermittent.
- Fasteners: 300 series stainless steel.
- Capable of running dry without damage to components.

### Motor

#### Single phase:

- 1/2 HP, 115 V, 200 V, 230 V, 60 Hz, 1750 RPM; 1/2 HP, 115 V, 60 Hz, 3500 RPM;
- 1/2 HP - 1 1/2 HP, 230 V, 60 Hz, 3500 RPM.
- Built-in overload with automatic reset.
- Class B insulation.

#### Three phase:

- 1/2 HP - 1 1/2 HP 200/230/460 V, 60 Hz, 3500 RPM.
- Class B insulation.

- Overload protection must be provided in starter unit.
- Shaft: threaded, 400 series stainless steel.
- Bearings: ball bearings upper and lower.
- Power cord: 20 foot standard length (optional lengths available).

#### Single phase:

- 1/2 and 1/2 HP - 16/3 SJTO with 115 V or 230 V three prong plug.
- 3/4-1 1/2 HP - 14/3 STO with bare leads.

#### Three phase:

- 1/2-1 1/2 HP - 14/4 STO with bare leads. On CSA listed models - 20 foot length SJTW and STW are standard.

## FEATURES

- **Impeller:** Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for

smooth operation. Silicon bronze impeller available as an option.

- **Casing:** Cast iron volute type for maximum efficiency. 2" NPT discharge adaptable for slide rail systems.

- **Mechanical Seal: SILICON CARBIDE VS. SILICON CARBIDE** sealing faces. Stainless steel metal parts, BUNA-N elastomers.

- **Shaft:** Corrosion-resistant stainless steel. Threaded design. Locknut on three phase models to guard against component damage on accidental reverse rotation.

- **Motor:** Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.

- **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits,

can be operated continuously without damage.

- **Bearings:** Upper and lower heavy duty ball bearing construction.

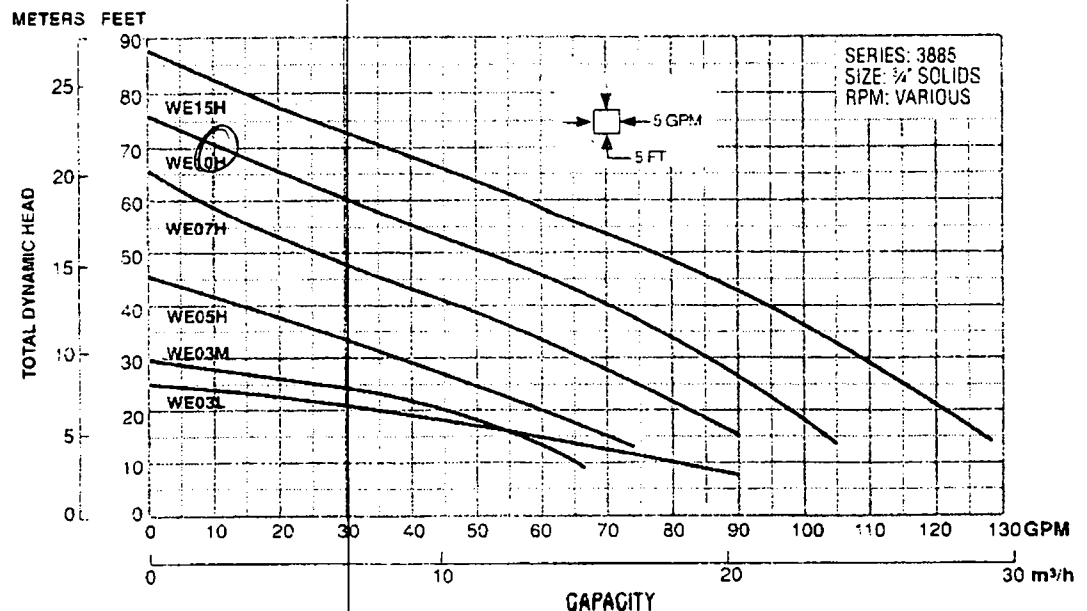
- **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking.

- **O-ring:** Assures positive sealing against contaminants and oil leakage.

## AGENCY LISTINGS

Canadian Standards Association

Underwriters Laboratories



- UNSPECIFIED DATE

ALTERNATE WELL SITE

~~NEAR~~  
IN WETLANDS NEAR HEAD OF STREAM  
NOT ACCEPTED BY ALM, COMPROMISE  
LOCATION WAS AGREED UPON  
NO FIELD NOTES SEEN IN FILE.

~~RE: #1~~

APPLICANT REQUESTED  
REVIEW OF DECISION BY  
PROGRAM SUPERVISOR;  
UNABLE TO MAKE  
SITE INSP FOR 1 WEEK.

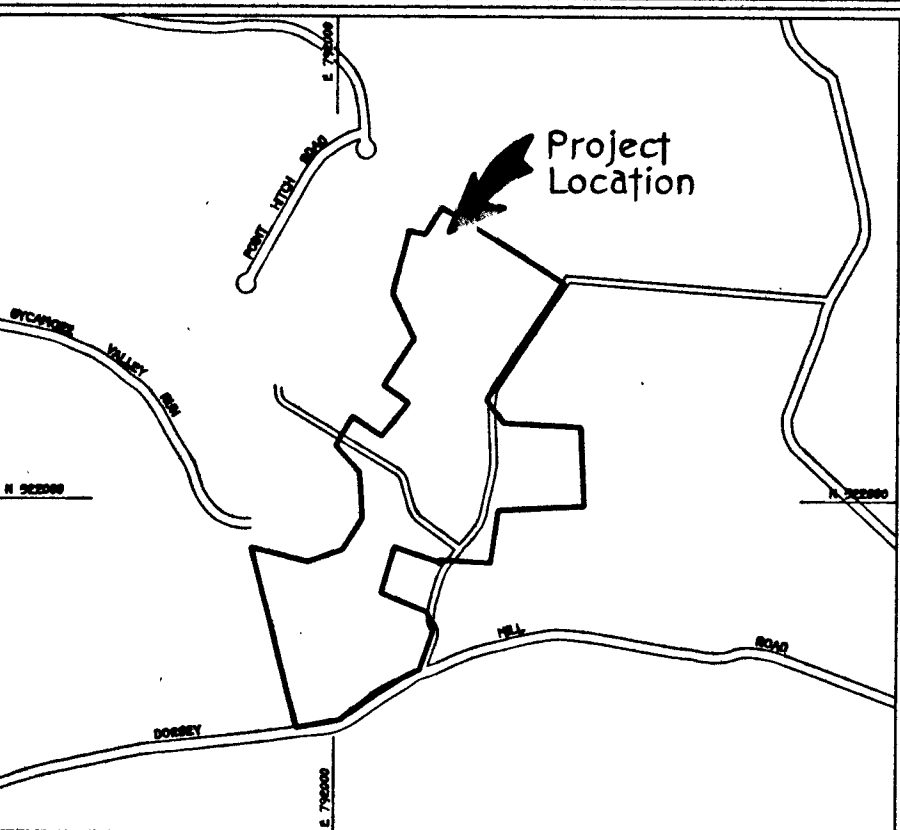
LOCATION APPROVED BY  
DEFAULT.

APPLICANT & DRI 116-  
ADVISED

3/31/98

(CW)

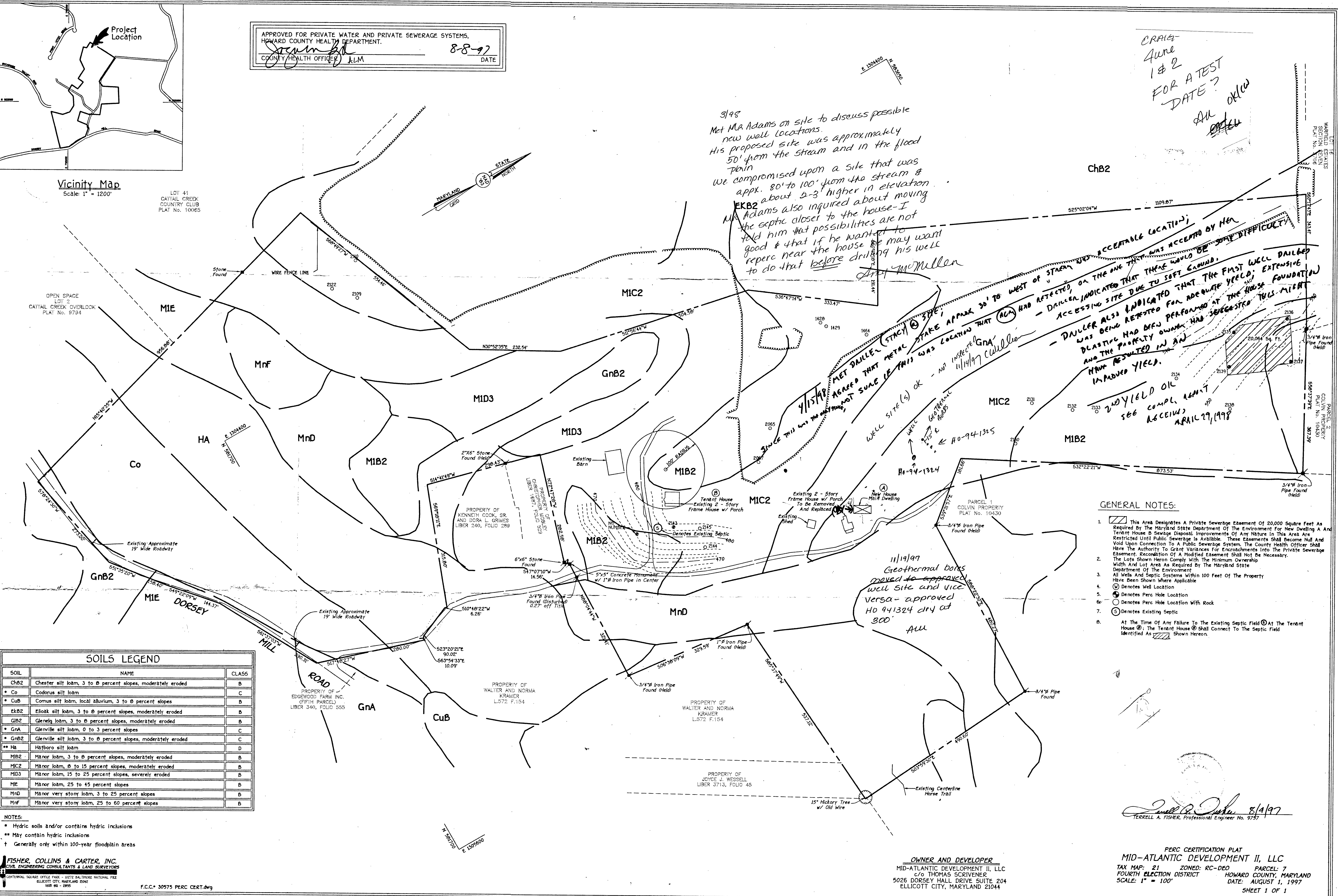
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT.  
 COUNTY HEALTH OFFICER: *[Signature]* KLM  
 DATE: 8-8-97



Vicinity Map  
 Scale: 1" = 1200'

LOT 41  
 CAPITAL CREEK COUNTRY CLUB  
 PLAT No. 10065

OPEN SPACE  
 LOT 2  
 CAPITAL CREEK OVERLOOK  
 PLAT No. 9794



3/98  
 Met Mr Adams on site to discuss possible new well locations.  
 His proposed site was approximately 50' from the stream and in the flood plain  
 we compromised upon a site that was appx. 80' to 100' from the stream & about 2-3' higher in elevation.  
 Mr Adams also inquired about moving the septic closer to the house - I told him that possibilities are not good & that if he wanted to re-perc near the house he may want to do that before drilling his well.  
*Andy McMullen*

CRAIG  
 June 1 & 2  
 FOR A TEST DATE?  
 All OKW

11/19/97 MET DALLER (STACY) @ SITE  
 AGREED THAT METAL STAKE APPROX 30' TO WEST OF STAIRS  
 REFLECTED, ON THE ONE THAT WAS ACCEPTED BY HER  
 ACCESSING SITE DUE TO SOFT GROUND.  
 DALLER ALSO INDICATED THAT THE FIRST WELL DAILED WAS BEING RE-TESTED FOR ADEQUATE YIELD. EXTENSIVE BLASTING HAD BEEN PERFORMED AT THE HOUSE FOUNDATION AND THE PROPERTY OWNER HAD SUGGESTED THIS MIGHT IMPROVE YIELD.  
 2nd YIELD OIL  
 SBB COMPL. AGAIN  
 APRIL 29, 1998

- GENERAL NOTES:
- This Area Designates A Private Sewerage Easement Of 20,000 Square Feet As Required By The Maryland State Department Of The Environment For New Dwelling A And Tenant House B Sewerage Disposal Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Easements Shall Become Null And Void Upon Connection To A Public Sewerage System. The County Health Officer Shall Have The Authority To Grant Variances For Encroachments Into The Private Sewerage Easement. Reconnection Of A Modified Easement Shall Not Be Necessary. The Lots Shown Herein Comply With The Minimum Ownership Width And Lot Area As Required By The Maryland State Department Of The Environment.
  - All Wells And Septic Systems Within 100 Feet Of The Property Have Been Shown Where Applicable.
  - Denotes Well Location
  - Denotes Perc Hole Location
  - Denotes Perc Hole Location With Rock
  - Denotes Existing Septic
  - At The Time Of Any Failure To The Existing Septic Field At The Tenant House @, The Tenant House @ Shall Connect To The Septic Field Identified As @ Shown Hereon.

SOIL	NAME	CLASS
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
Co	Codorus silt loam	C
CuB	Cornus silt loam, local alluvium, 3 to 8 percent slopes	B
EkB2	Elkoak silt loam, 3 to 8 percent slopes, moderately eroded	B
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GnA	Glenville silt loam, 0 to 3 percent slopes	C
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
Ha	Hatboro silt loam	D
MnB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
MIC2	Manor loam, 8 to 15 percent slopes, moderately eroded	B
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B
MnD	Manor very stony loam, 3 to 25 percent slopes	B
Mnf	Manor very stony loam, 25 to 60 percent slopes	B

NOTES:  
 \* Hydric soils and/or contains hydric inclusions  
 \*\* May contain hydric inclusions  
 † Generally only within 100-year floodplain areas

FISHER, COLLINS & CARTER, INC.  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 10000 NATIONAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461-2895

F.C.C. 30575 PERC CERT. DWG

OWNER AND DEVELOPER  
 MID-ATLANTIC DEVELOPMENT II, LLC  
 c/o THOMAS SCRIVENER  
 5026 DORSEY HALL DRIVE SUITE 204  
 ELLICOTT CITY, MARYLAND 21044

PERC CERTIFICATION PLAT  
 MID-ATLANTIC DEVELOPMENT II, LLC  
 TAX MAP: 21 ZONED: RC-DEO PARCEL: 7  
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 100' DATE: AUGUST 1, 1997  
 SHEET 1 OF 1

PERC CERT - SIGNED - DEVLIN PROP.

REQUESTED CHANGE OF  
PLAN FOR ABANDONMENT OF  
WATER SUPPLY SERVING EXISTING HOUSE  
SPRING TO BE DEMOLISHED

TO BE / HAS BEEN

DISCONNECTED

FROM HOUSE.

SPRING HOUSE

~~IT~~ WILL BE RENOVATED

~~FOR~~ ~~EXTREME~~  
AS NECESSARY

FOR EXTERNAL

GARDEN USE,

INTENDED FOR  
NOT A CONNECTION

TO ANY POTABLE

SUPPLY.

Parcel 7 Dorsey Mill Rd.

7-8-98

owner: Alex Adams

- On 6/29/98 Craig Williams ~~met~~ met the septic contractors on site to determine septic tank and pump chamber location.
- Builder wanted to set the tank behind the house due to internal plumbing coming out the back of the house
- Because of R<sub>y</sub> @ 2.0' @ to place the tank behind the house would require blasting.
- It was agreed that the tanks would go in front of the house @ grade and covered w/ fill.

### Well Issues:

- There are 4 Geothermal bores - each was an attempt @ obtaining a potable water source that came up dry.
- The potable water source HO-94-1324 was dry until blasting for the house foundation opened some water for the dry hole - A yield test demonstrated 1.5 gpm.
- There are no "dry holes" on the site that need abandoned - all attempts @ water are utilized either for geothermal bores or the actual house water supply

A. McMiller

Howard County Health Department

To: \_\_\_\_\_

14722 DORSEY MILL  
SEPTIC PERMIT  
DELIVERED TO CONTRACTOR  
IN FIELD

FEE NOT YET PAID

From: \_\_\_\_\_

(CW) 7/1/98

Date: \_\_\_\_\_

HD-170



C1 05291

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER

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

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 12 10 97

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1325

OWNER ADAMS ALEC STREET OR RFD 14722 Dorsey Mill Rd. TOWN GLENELG SUBDIVISION TAX MAP 21 Parcel 7 SECTION LOT

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, FEET (FROM, TO), check if water bearing. Includes handwritten entries: HARD BROWN SANDSTONE, HARD GRAY GRANITE, GEOTHERMAL BORE #4.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N] TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 98 NO. OF POUNDS 780 GALLONS OF WATER 450 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 300 ft.

CASING RECORD

main CASING TYPE: [ST] STEEL, [CO] CONCRETE, [PL] PLASTIC, [OT] OTHER. Includes handwritten 'N/A' and dimensions for nominal diameter and total depth.

OTHER CASING (if used)

Table for other casing with columns for diameter (inch) and depth (feet). Handwritten 'N/A'.

SCREEN RECORD

screen type or open hole: [ST] STEEL, [BR] BRASS, [FL] PLASTIC, [HO] OPEN HOLE, [OT] OTHER. Includes handwritten 'N/A'.

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N. Rows for slot size and diameter of screen. Includes handwritten 'N/A'.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68. Includes handwritten 'N/A'.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) [A] air, [P] piston, [T] turbine, [C] centrifugal, [R] rotary, [O] other, [J] jet, [S] submersible.

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) [ ] above LAND SURFACE [ ] below (nearest foot) 49 51

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

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES [Y] NO [N]

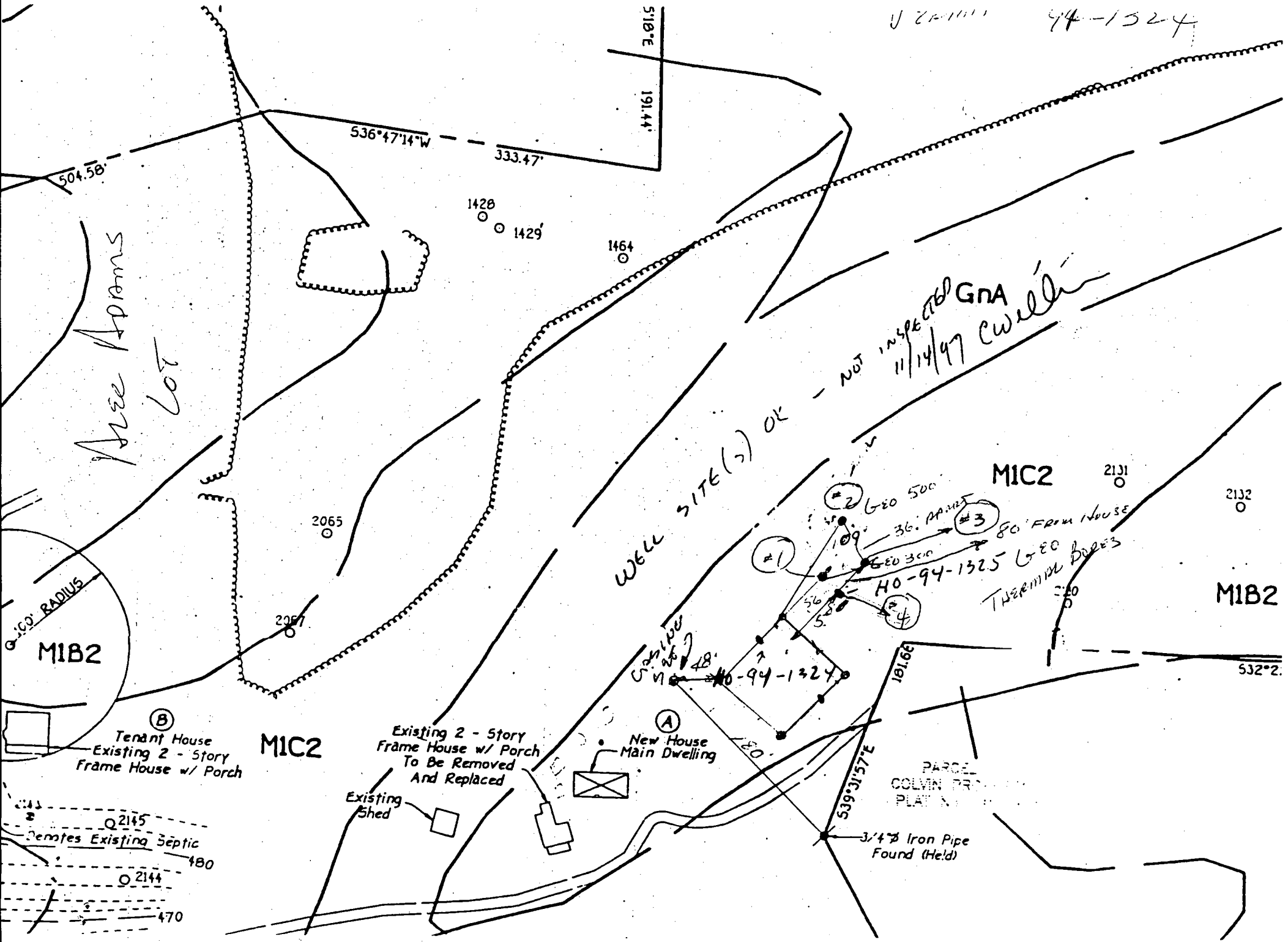
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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 LIC. NO. MW D 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 MW D 341

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

V 22-1111 44-1324



Area Across Lot

NOT INSPECTED GNA  
11/14/97 CWL

WELL SITE (?) OK

100' RADIUS  
MIB2

MIC2

MIB2

(B)  
Tenant House  
Existing 2 - Story  
Frame House w/ Porch

MIC2

Existing 2 - Story  
Frame House w/ Porch  
To Be Removed  
And Replaced

(A)  
New House  
Main Dwelling

PARCEL  
COLVIN PROPERTY  
PLAT

3/4" Iron Pipe  
Found (Held)

Removes Existing Septic

Q2145  
Q2144  
470

#2 GEO 500  
36' PAPER  
#3 80' FROM HOUSE  
GEO 300  
HO-94-1325  
THERMOCORES  
#4

HO-94-1324

C1 00290 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

ST/CO USE ONLY DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 12 10 97 Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1325 28 29 30 31 32 33 34 35 36 37

OWNER ADAMS ALEC last name first name STREET OR RFD 14722 Dorsey Mill Rd. TOWN GLENELG SUBDIVISION TAX MAP 21 PARCEL 7 SECTION LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING DESCRIPTION (Use additional sheets if needed) FEET FROM TO check if water bearing HARD BROWN SANDSTONE 0 17 HARD GRAY GRANITE 17 300 Geothermal Bore #3

GROUTING RECORD yes no WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 18 NO. OF POUNDS 450 GALLONS OF WATER 450 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 300 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter: Total depth: (nearest inch) (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below DEPTH (nearest ft.)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes Y no N

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 LIC. NO. MW 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. MW 341 Max S. Jones

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

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 4 FT. - 300 FT. CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE (nearest foot) 49 50 51

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

C1 05289

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

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 12 10 97

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1325

OWNER ADAMS ALEC last name first name STREET OR RFD 14722 Dorsey Mill Rd. TOWN Glen Elg SUBDIVISION TAX MAP 21 Parcel 7 SECTION LOT

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 29 NO. OF POUNDS 1450 GALLONS OF WATER 725 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 300 ft.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S submersible

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows: Brown sandstone 15, Hard Gray Granite 15-300, Geothermal Bore #2.

CASING RECORD

ST STEEL CO CONCRETE PL PLASTIC OT OTHER MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE (nearest foot) 49 51

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

SCREEN RECORD

ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER screen type or open hole insert appropriate code below

Table with columns: E, A, C, H, S, R, E, E, N. Rows: SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH) from 56 to 60

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

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 LIC. NO. 1 M 42355 DRILLERS SIGNATURE Max B. Jones LIC. NO. M W D 341

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

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

C1 09404

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 COLUMNS 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 57313

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 12 18 97

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1325

OWNER ADAMS ALEC STREET OR RFD 14722 DONSEY MILL RD TOWN GLENELG SUBDIVISION TAX MAP 21 PARCEL 7 SECTION LOT

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, FEET (FROM, TO), check if water bearing. Includes handwritten entries: HARD Brown Sandstone, HARD GRAY Granite, #1 GEOTHERMAL BORE.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 18 NO. OF POUNDS 450 GALLONS OF WATER 450 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 300

CASING RECORD

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) STEEL (ST) BRASS (BR) BRONZE (PL) PLASTIC (PL) OPEN HOLE (HO) OTHER (OT)

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 TO 300 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below (nearest foot) 49 50 51

C 2

Table with columns: SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH) from 56 to 60

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES (Y) NO (N)

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

LIC. NO. JW D 341 Max A. Jones

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

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

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)

SEP Attached

C1 09405

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 A57313

ST/CO USE ONLY

DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED

MM DD YY 04 15 98

DEPTH OF WELL

22 200 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HU-94-1324

OWNER ADAMS ALEC STREET OR RFD 14722 DUNSMILL RD TOWN GLENELG SUBDIVISION TAXMAP 21 PARCEL 7 SECTION 7

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 7 NO. OF POUNDS 258

GALLONS OF WATER 42

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 23 ft.

48 TOP 52 54 BOTTOM 58 (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 06 Total depth of main casing (nearest foot) 25

OTHER CASING (if used)

diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below ST STEEL BR BRASS HO OPEN HOLE PL PLASTIC OT OTHER

DEPTH (nearest ft.)

1 HO 25 300 2 3 4 5 6 7 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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

70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 8 9

PUMPING RATE (gal. per min.) 1.5

METHOD USED TO MEASURE PUMPING RATE 11 15 watch Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 16 17 20 ft.

WHEN PUMPING 163 22 25 ft.

TYPE OF PUMP USED (for test)

A air- P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 2 (nearest foot) 49 50 51

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)

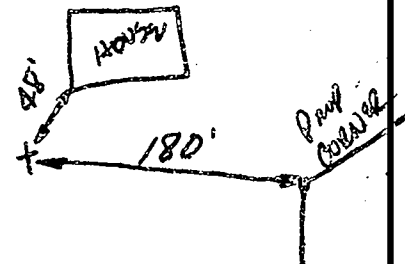


Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows: Brown soil (0-5), Hard Brown Sandstone (5-21), Hard Gray Granite (21-400). Checkmarks in water bearing column for 50, 75, 140 feet.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES Y NO 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 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)

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

REPORTED  
 FAILED YIELD TEST  
 ON 1ST ATTEMPT.  
 RETESTED AGAIN  
 & OK

Well Permit No. HO - 94-1324  
 Location of property (road) 14722 Dorsey Mill Rd  
 Subdivision \_\_\_\_\_  
 Well Driller Michael Barlow Well Drilling <sup>Lot</sup> 7 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Owner Alec Adams

Depth of well 300 ft  
 Distance of measuring point (M.P.) above ground \_\_\_\_\_  
 Static water level (S.W.L.) below M.P. \_\_\_\_\_

I. High rate pumping -- reservoir drawdown

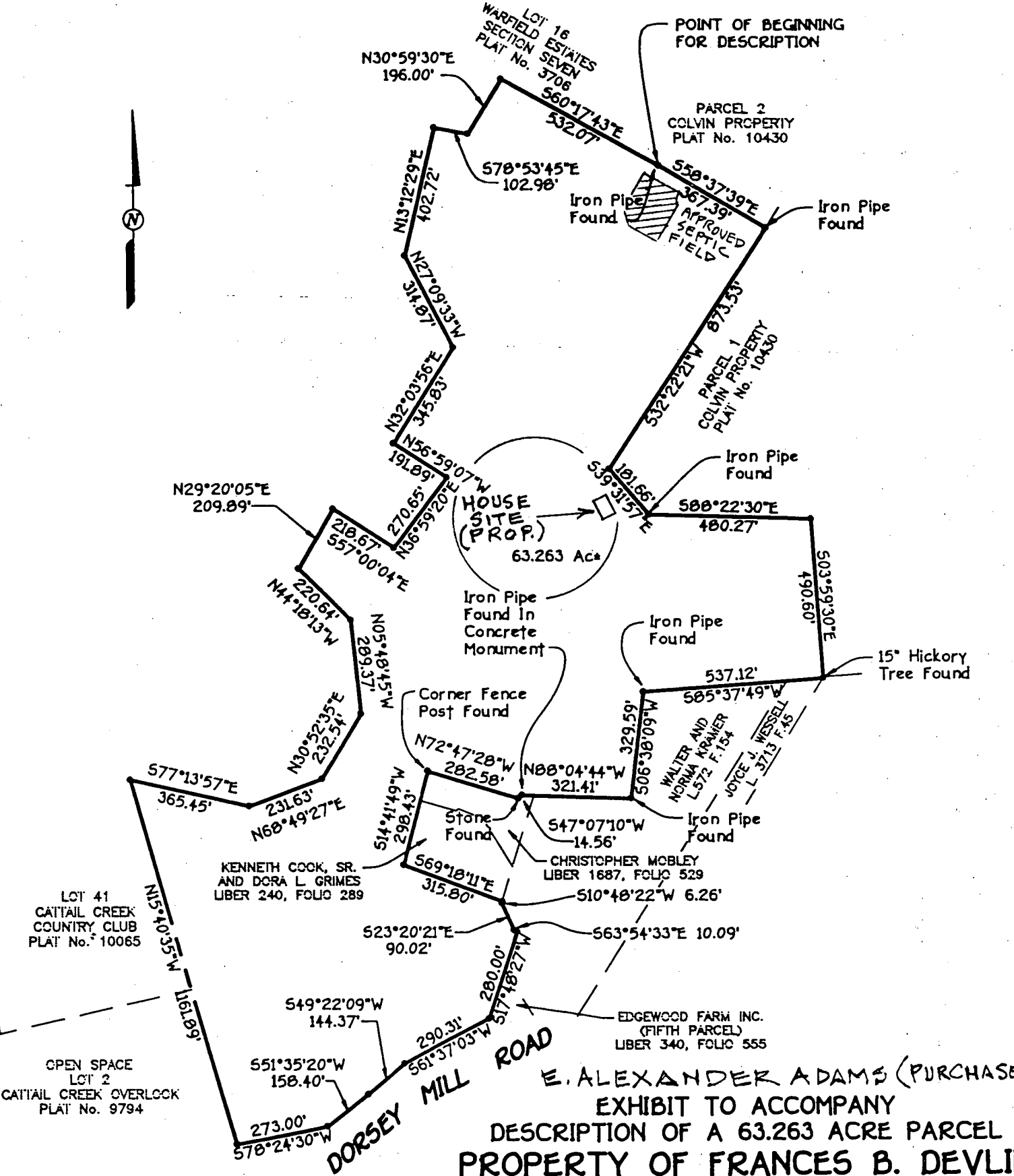
Time pump started 9:50 Pumping rate 1.5  
 Total time 6 hrs to reach pumping water level 16.3 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:50	16'	4 sec		15
10:05	41'	4 sec		15
10:20	53'	4 sec		15
10:35	113'	5 sec		12
10:50	154'	5 sec		12
11:05	163'	39 sec		1.5
11:20	163'	39 sec		1.5
11:35	163'	39 sec		1.5
11:50	163'	39 sec		1.5
12:05	163'	39 sec		1.5
12:20	163'	39 sec		1.5
12:35	163'	39 sec		1.5
12:50	163'	39 sec		1.5
1:05	163'	39 sec		1.5
1:20	163'	39 sec		1.5
1:35	163'	39 sec		1.5
1:50	163'	39 sec		1.5
2:05	163'	39 sec		1.5
2:20	163'	39 sec		1.5
2:35	163'	39 sec		1.5
2:50	163'	39 sec		1.5
3:05	163'	39 sec		1.5
3:20	163'	39 sec		1.5
3:35	163'	39 sec		1.5







**E. ALEXANDER ADAMS (PURCHASER)**  
**EXHIBIT TO ACCOMPANY**  
**DESCRIPTION OF A 63.263 ACRE PARCEL**  
**PROPERTY OF FRANCES B. DEVLIN**

FOURTH ELECTION DISTRICT      HOWARD COUNTY, MARYLAND

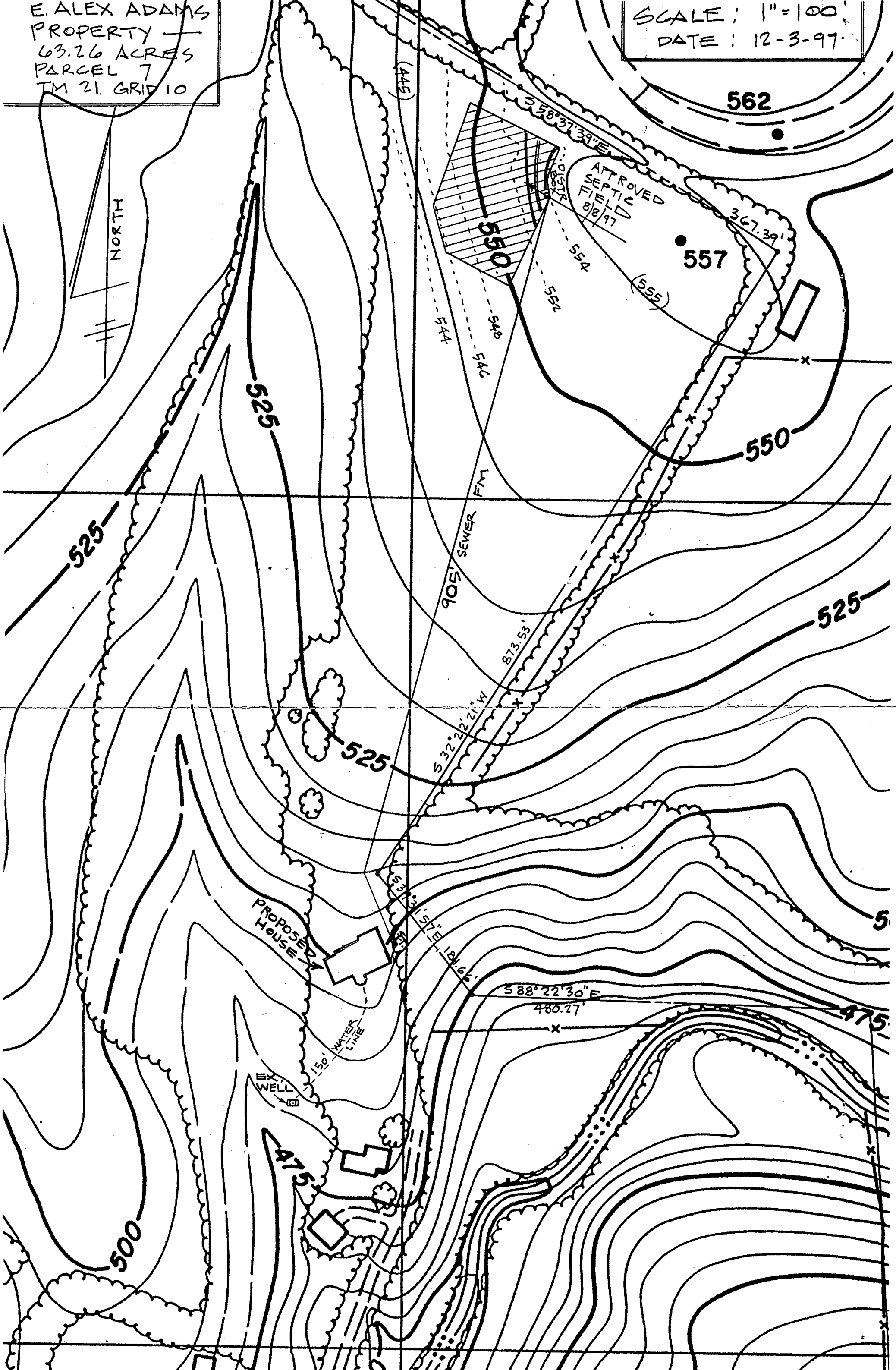


Scale: 1" = 400'  
**BUILDING PERMIT APPLICATION:**  
 JANUARY 9, 1997      12-3-97

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461 - 2855

E. ALEX ADAMS  
PROPERTY  
63.26 ACRES  
PARCEL 7  
TM 21, GRID 10

SCALE: 1" = 100'  
DATE: 12-3-97



B 1 4754 SEQUENCE NO. (MDE USE ONLY) (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

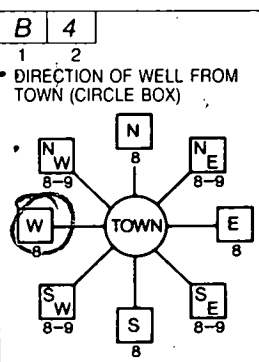
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER 40-94-1325 fill in this form completely

OWNER INFORMATION Date Received (APA) 8 MM DD YY 13 ADAMS ALEC 15 Last Name Owner First Name 34 8808 CENTRE PARK DRIVE SUITE 205 36 Street or RFD 55 Columbia MARYLAND 21045 57 Town 70 State 72 Zip 76

LOCATION OF WELL B 3 HOWARD 8 COUNTY 21 23 SUBDIVISION Parcel 7 42 SECTION 44 46 48 50 GLENELL 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 M 73 76 77 78

DRILLER INFORMATION MICHAEL BARLOW M WD 355 76 Driller's Name License No. 81 MICHAEL BARLOW WELL DRILLING SER, Inc 76 Firm Name 912 FAUN COURT JOPPA 21085 Address Signature Date 11-4-97



#14722 DORSEY MILL RD. 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH 34 1500 37 DISTANCE FROM ROAD FT 38 39 ENTER FT OR MI TAX MAP: 21 BLK: 10 PARCEL 7

WELL INFORMATION B 2 APPROX. PUMPING RATE 0 8 12 (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED 000 14 20 (GAL. PER DAY)

- USE FOR WATER (CIRCLE APPROPRIATE BOX) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) 5-GEOTHERMAL BORES 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 APPROVAL) T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD 457313 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 11/14/97 C. J. WILL 11/13/98 EXP. DATE 41 43 MM DD YY 48 CO-SIGNATURE NORTH GRID 522 000 EAST GRID 0792 000 50 55 57 63

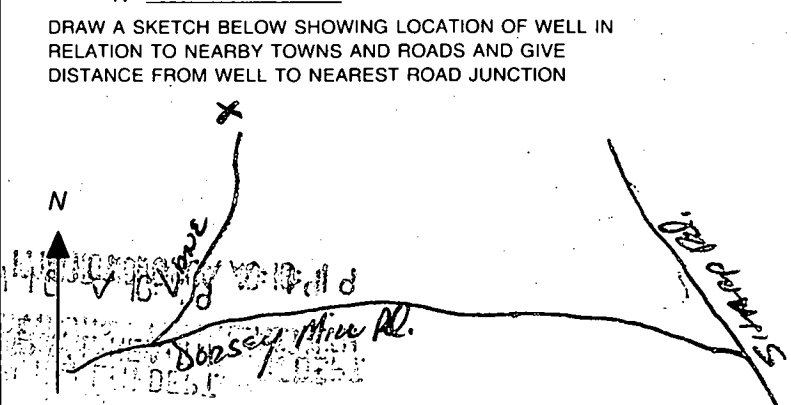
APPROXIMATE DEPTH OF WELL 250 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jettied & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 30 CABLE REVerse-ROTARY DRive-POINT 37 other

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 G A P FORCE CW 67 68 WRITE INITIALS IN BOX PERMIT No. 40-94-1325 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 790 2 N 520 2 000 000



B 1	<b>4736</b>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <b>HO-94-1324</b> <small>fill in this form completely</small>
-----	-------------	--------------------------------	---	---

Date Received (APA) \_\_\_\_\_

**OWNER INFORMATION**

8 MM DD YY 13  
 15 Downs Last Name Owner ALICE First Name 34  
 36 8808 Centre Park Drive Suite 205 Street or RFD 55  
 57 Columbia Town 70 State MD Zip 76

**LOCATION OF WELL**

B 3  
 8 COUNTY Howard 21  
 23 SUBDIVISION \_\_\_\_\_ 42  
 SECTION \_\_\_\_\_ 44 46 LOT 7 48 50  
 52 NEAREST TOWN GREENSBORO 71  
 MILES FROM TOWN (enter 0 if in town) 1 73 76 77 78

**DRILLER INFORMATION**

Driller's Name Michael Barton MWD License No. 355  
 Firm Name Michael Barton Well Drilling Service  
 Address 912 Fawn Cr. Jessup 21086  
 Signature [Signature] Date 11-4-97

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

**ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)**

11 14722 Dorsey Mill Rd NEAR WHAT ROAD 30  
 34 1500 DISTANCE FROM ROAD 37  
 ENTER FT OR MI 38 39  
 TAX MAP: 21 BLK: 10 PARCEL 7

**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**

COUNTY NAME HOWARD COUNTY NO. A57313  
 STATE SIGNATURE \_\_\_\_\_ INSERT S → 41  
 DATE ISSUED 11 14 97 EXP. DATE 11/13/98  
 CO SIGNATURE \_\_\_\_\_  
 NORTH GRID 5022 000 EAST GRID 0792 000  
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET  
 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST 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) 41

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

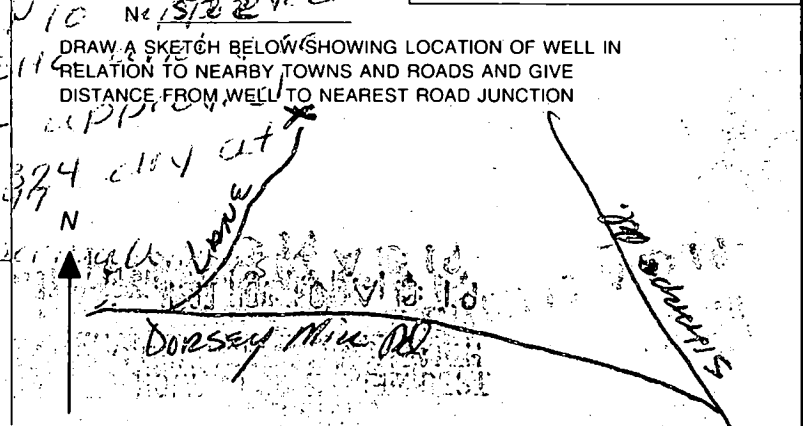
SOURCES OF DRILLING WATER  
 1. well  
 2. well  
 3. well

WRITE THE BOX NUMBER FROM THE MAP HERE  
E 792

000  
000

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

APPROP. PERMIT NUMBER \_\_\_\_\_ 54 63  
 FORCE CD WRITE INITIALS IN BOX PERMIT No. HO-94-1324  
 67 68 70 71 72 73 74 75 76 77 78 79



APPLICATION

HOWARD COUNTY

SERIAL NUMBER

# PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT  
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

468250

B00109103

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

5614

14722 Daisy Mill Road  
Glenwood MD 21777

GRADING/SEDIMENT CONTROL  YES  NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

2-story detached dwelling  
w/ full hot stone front, 2-car attached  
garage, covered deck, 3pc  
2-bathroom rough in  
w/ optional wood deck

LOT NO. PARCEL NO. SEC. AREA BLOCK NO. LIBER FOLIO

- 7 - - 10

SUB DIVISION ZONE ZONE MAP ELEC. DIST. CENSUS TR.

RC-100 21 4 6040

OWNER NAME AND ADDRESS PHONE NO.

E. Alexander & Betty Smith Adams  
8303 Centric Park Dr #205  
Columbia MD 21045 410-992-1477

OCCUPANT'S NAME AND ADDRESS PHONE NO.

N/A

ARCHITECT OR ENGINEER'S NAME AND ADDRESS PHONE NO.

Leigha Bios  
3000 Poplarwood Rd  
Stow MD 21797 410-489-7103

CONTRACTOR'S NAME AND ADDRESS PHONE NO.

C.E.O. Construction Inc  
10001 The Key Bridge Rd  
Suite 210 Columbia Md 21047 410-992-9520

EXISTING USE PROPOSED USE

Single family  
residential dwelling  
2-story residential dwelling

EST. CONSTRUCTION COST LICENSE NUMBER PERMIT FEE

400K 713095132

SIZE OF BLDG. FRONT DEPTH HEIGHT

72 33 22

TYPE OF BLDG. AREA VOLUME ROOF

B. ROOMS 5  
ROOMS 15  
BATHS 2  
FIREPLACES 1

FOOTINGS FOUNDATION S. WALLS

8' x 10' 9' Diment

UTILITIES WATER/WELL SEWER/SEPTIC GAS ELECTRICITY TYPE OF HEAT AC

2 1 1 1 1

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

SIGNATURE

7P 12/16/97

TITLE DATE

## FOR OFFICE USE ONLY

DISTANCE IN FEET FROM RW LINE TO FRONT BUILDING LINE

SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

TO SIDE BUILDING LINE DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK (CORNER LOT ONLY) SDP #

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

**CAUTION**  
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.  
Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

FUNCTION DATE SIGNATURE APPROVAL

ZONING/PLANNING X

SHA X

SEDIMENT/GRADING X

BUILDING OFFICIAL X

WATER & SEWER

HEALTH DEPT. 12/16/97

FIRE PROTECTION

STORM WATER MGM. X

APPROVED DATE

LP-69-591

2482

Distribution of Copies:  
White - Building Official  
Green - Planning & Zoning

Yellow - Engineering  
Pink - Health Dept.  
Gold - S.H.A.

ADAMS & ADAMS  
Attorneys at Law  
One Centre Park Office Building  
8808 Centre Park Drive, Suite #205  
Columbia, Maryland 21045

E. ALEXANDER ADAMS

BETTY SMITH ADAMS

(410) 992-1477

FAX: (410) 992-1685

November 21, 1997

Mr. Craig Williams, Director  
Department of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043

Re: 14722 Dorsey Mill Road

Dear Mr. Williams:

This letter will confirm our conversation on November 21, 1997, about my current inability to drill a water producing well on the subject property, pre-building permit application.

Pursuant to our discussion, it is my understanding that you would permit me to process a building permit even if I do not secure a water producing well prior to such submission, since there is an existing well servicing the house which will be demolished prior to issuance of use and occupancy permit for the new dwelling to be constructed. I understand and fully appreciate the risk that if I do not get a well meeting environmental standards for potable water, that a use and occupancy permit will not be issued for the subject new residence, and that I proceed at my financial risk in commencing construction until I secure such a well. I hereby acknowledge that risk and in the event that I have not secured a potable well prior to submission of the building permit, I will proceed at my risk as delineated herein.

Howard County Health Department

ter and thank you for your consideration.

To: ALEX. ADAMS

RE: YOUR BP

- SIX WEEKS SINCE  
ISSUED,

JUST A REMINDER  
THAT WE STILL NEED  
TO DEAL WITH  
THE WATER SUPPLY...

From: (CW) C. Williams

Date: 1/26/98

HD-170

Very truly yours,

*E. Alex Adams*  
E. Alexander Adams

ALEX — AS AGREED  
11/25/97  
(CW)

1  
SUBJECT TO NO SEPTIC PERMIT UNTIL  
SOURCE OF POTABLE WATER IS ESTABLISHED.

# APPLICATION

PERCOLATION TESTING

A 57313

P \_\_\_\_\_

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

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

ADDRESS 10805 Hickory Ridge Rd Ste 215 CI. MD 21044 PHONE 740-2100

AGENT OR PROSPECTIVE BUYER Land Design and Development

ADDRESS 10805 Hickory Ridge Rd Ste 215 CI. MD 21044 PHONE 740-2100

PROPERTY LOCATION:

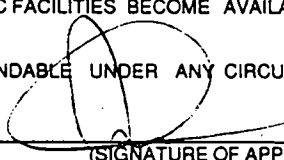
SUBDIVISION Devlin Property LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Sycamore Run Road

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

SIZE OF LOT 10 x 1 acre TYPE BLDG. Single  
(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' 2139 2137

dark red Sic1M  
 2.0 dark red Si1M  
 5.0 lgt orange SiSa1M

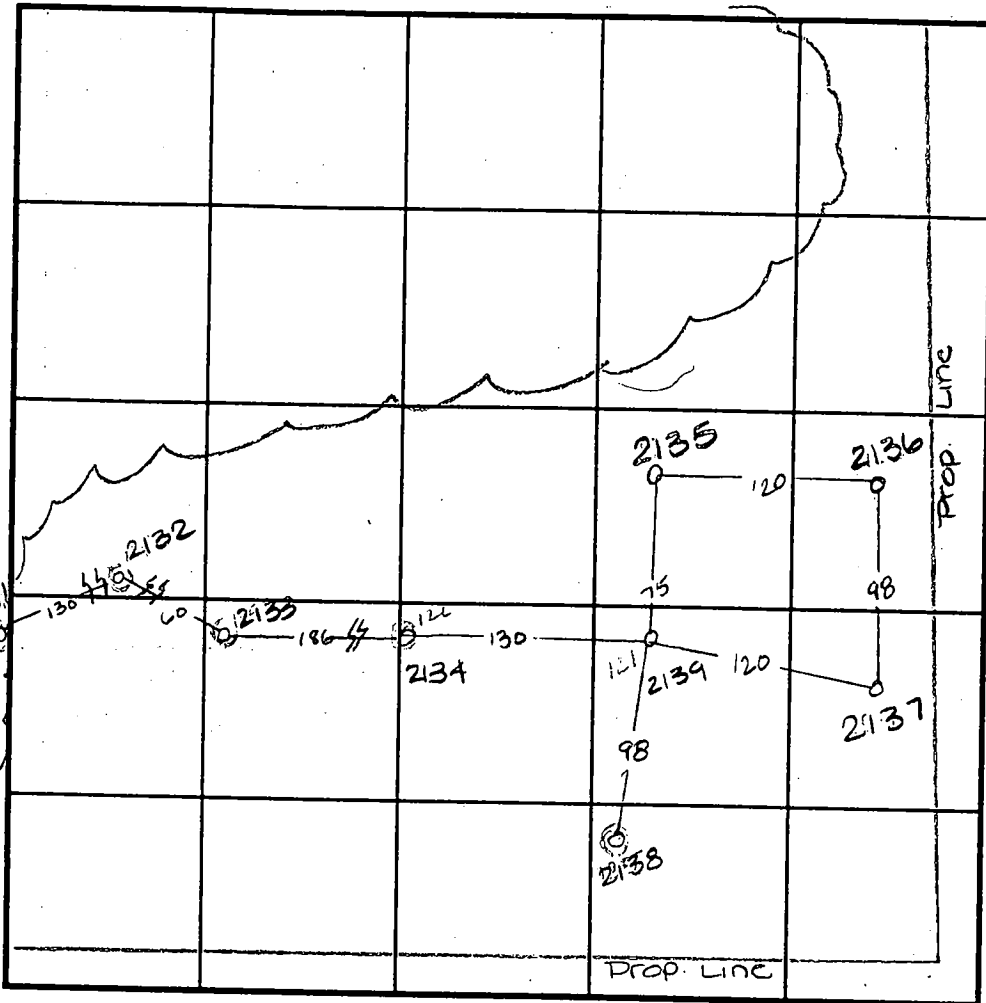
11.0 2135

bright red Sic1M  
 2.0 bright red Si1M  
 4.0 dull gray SiSa1M  
 30-40% rock  
 9.0 refusal

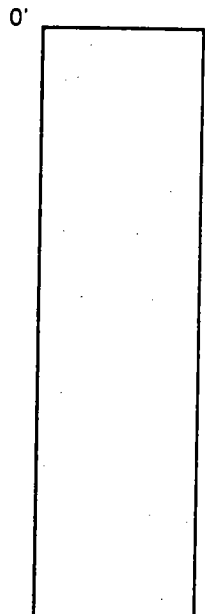
2136

orange red Sic1M  
 3.0 lgt tan orange SiSa1M  
 micaceous

2.0



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-29-96	2131	Refusal at		6.0			F
	2132	Refusal at		2.0			F
	2133	Refusal at		3.0			F
	2134	Refusal at		7.0			F
	2138	Refusal at		4.0			F
	2139	3.0 / 11.0	113	114	114	116	2min
	2135	3.5 / 9.0	119	120	120	122	2min
	2136	Visual to	12.0		see profile		OK
	2137	3.0 / 12.0	123	124	124	128	4min
		7.0 / 12.0	130 <sup>30</sup>	132	132	134 <sup>30</sup>	2 1/2 min

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Amy McMillen ALSO PRESENT D. Renner  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 57313

P \_\_\_\_\_

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

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

ADDRESS 10805 Hickory Ridge Rd Ste 215 Cal. MD 210-17 PHONE 740-2100

AGENT OR PROSPECTIVE BUYER Land Design and Development

ADDRESS 10805 Hickory Ridge Rd Ste 215 Cal. MD 210-17 PHONE 740-2100

PROPERTY LOCATION:

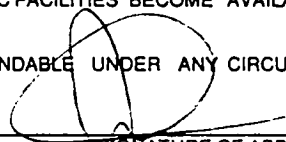
SUBDIVISION Devlin Property LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Sycamore Run Road

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

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

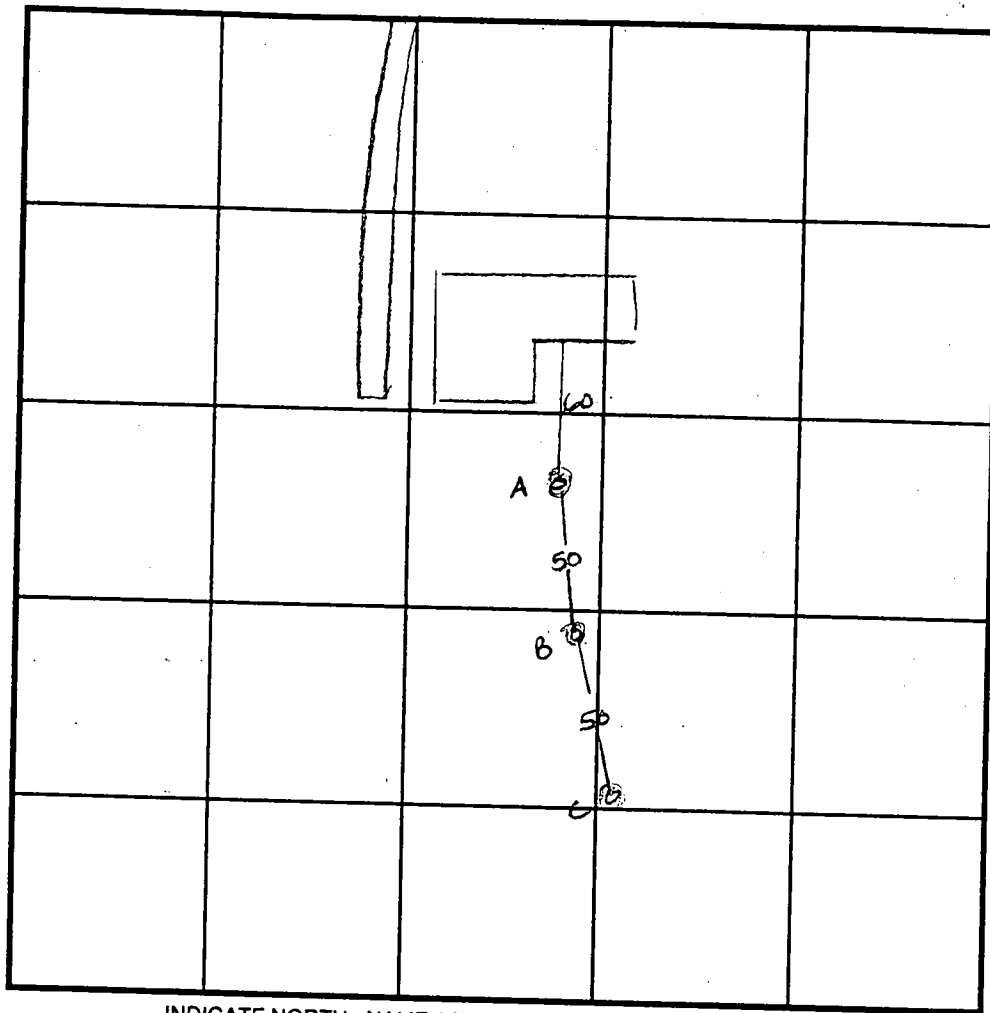
COUNTY #

SOIL PROFILE

0' [Empty box for soil profile data]

[Empty box for soil profile data]

[Empty box for soil profile data]



SOIL PROFILE

0' [Empty box for soil profile data]

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/29/96	A	Refusal at	7.0				F
	B	Refusal at	3.0				F
	C	Refusal at	1.0				F

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillen ALSO PRESENT D. Renner

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

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

# APPLICATION

Oct 25 1996

PERCOLATION TESTING

A 57313

P \_\_\_\_\_

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

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

ADDRESS 10805 Hickory Ridge Rd Ste 215 Cal. MD 21047 PHONE 740-2100

AGENT OR PROSPECTIVE BUYER Land Design and Development

ADDRESS 10805 Hickory Ridge Rd Ste 215 Cal. MD 21047 PHONE 740-2100

PROPERTY LOCATION:

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

ROAD AND DESCRIPTION Sycamore Run Road

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

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

2143

1ft  
brown  
siltum

2.0

1ft  
grey  
salm  
micaceous  
10%  
Rx

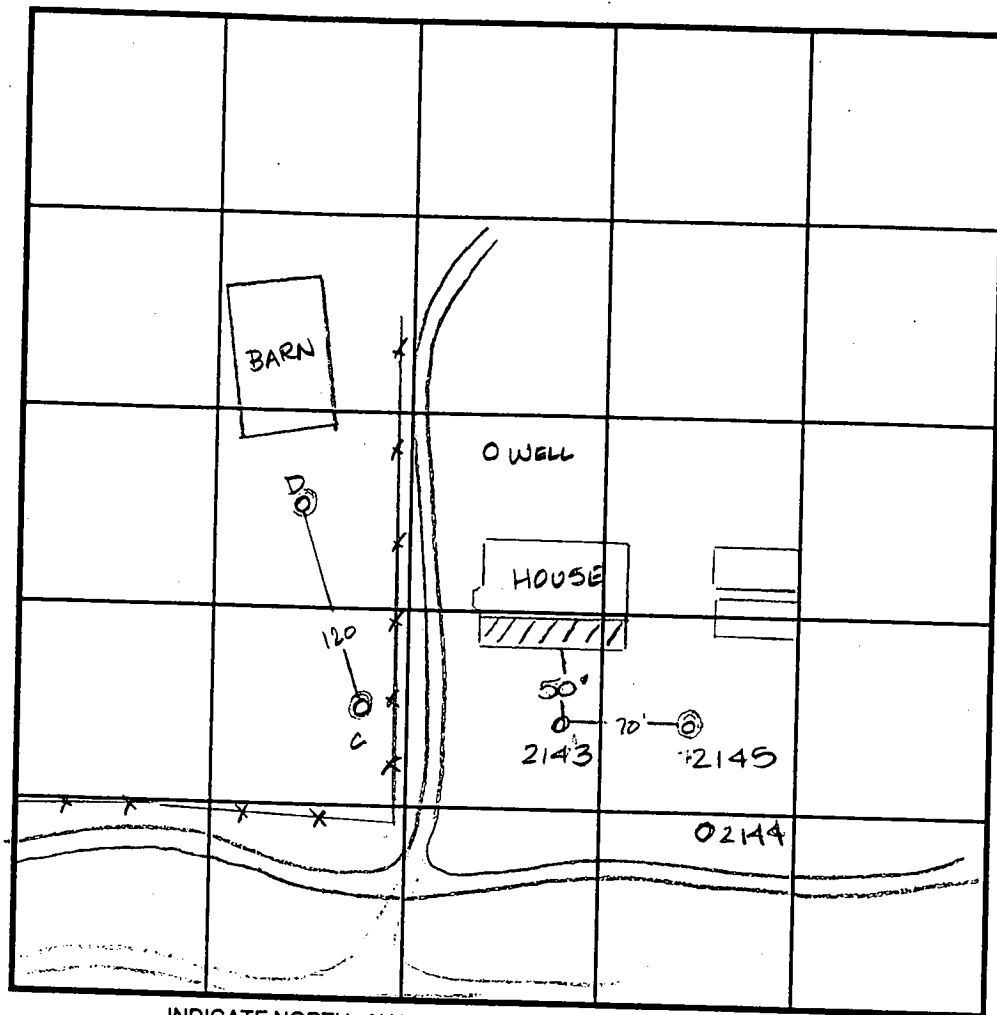
12.0

C

>50%  
rock  
beginning  
at  
4.0'

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	
10/29/96	2143	4.0 112.0	307	308	308	310	2min
11/18/96	2145	Refusal at	4.0				F
	C	See profile					F
	D	Refusal to	2.0				F
	2144	Refusal at	3.0				F

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillan ALSO PRESENT D. Renwer

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

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

**ADAMS & ADAMS**

Attorneys at Law

One Centre Park Office Building  
8808 Centre Park Drive, Suite #205  
Columbia, Maryland 21045

E. ALEXANDER ADAMS

BETTY SMITH ADAMS  
PRISCILLA A. DONOVAN,  
OF COUNSEL

(410) 992-1477

FAX: (410) 992-1685

July 3, 1998

Mr. Craig Williams  
Environmental Health, Howard County Health Dept.  
3525-H Ellicott Mills Drive  
Ellicott City MD 21043-4544

Re: 14722 Dorsey Mill Road

Dear Craig:

This is a request for approval of a change in plan for the water supply serving the existing house, which will be demolished shortly.

The supply is a spare, no longer to be used for any household purpose. Rather than abandoning the supply, I propose to disconnect the spring from all internal plumbing and reconfigure the spring house supply for external garden use only. My drilled well is only rated at 1.5 gallons and I would like to retain the existing spring well supply for all my outdoor non-potable uses (non-winter months only). My plan is to bring electricity to the spring house and use the water for outdoor uses. Due to cold weather issues, the system will be drained each winter.

Very truly yours,

*E. Alexander Adams*  
*Betty Smith Adams*  
E. Alexander Adams  
Betty Smith Adams

EAA/klq

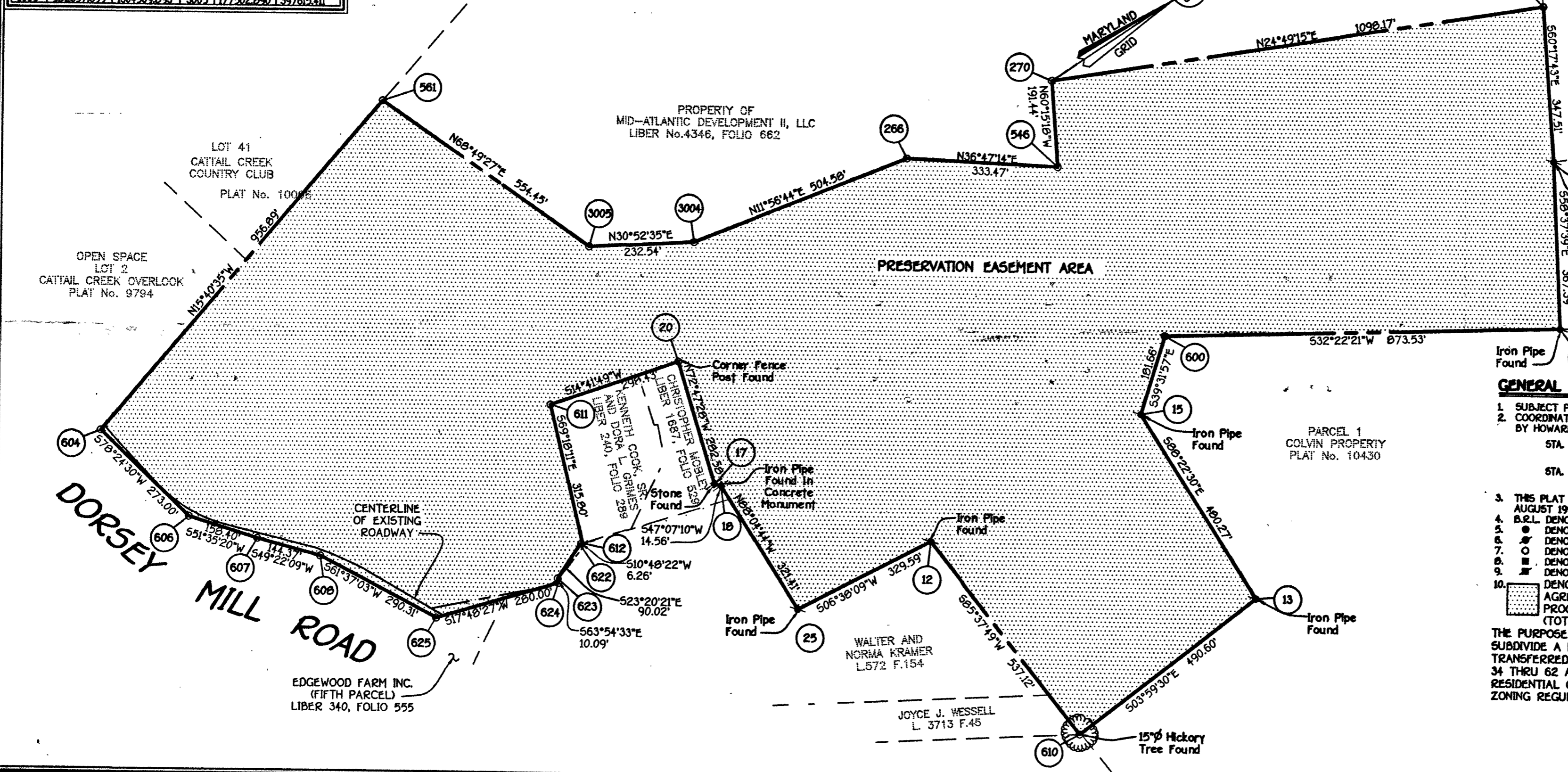
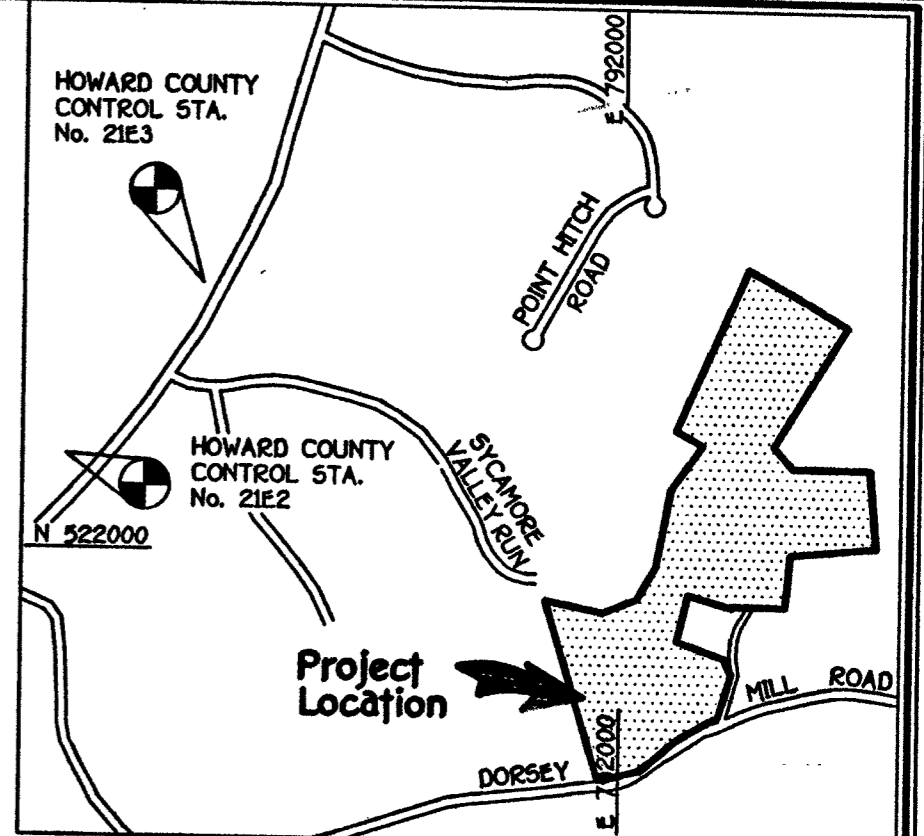
H:\KLQ\LTR\WILLIAMS.CRA - July 3, 1998 (2:15PM)

AGREE,  
*Craig Williams*  
HOW CO. HEALTH  
7/6/98

COORDINATE TABULATION			
U.S. EQUIVALENT		METRIC EQUIVALENT	
POINT	NORTH	POINT	NORTH
10	584237.209	10	178075.057
11	584045.947	11	178017.561
12	582624.118	12	177584.186
13	583154.451	13	177745.832
15	583168.072	15	177749.984
17	582297.605	17	177484.665
18	582307.512	18	177487.684
20	582381.288	20	177510.147
25	582296.736	25	177484.400
266	583050.635	266	177714.189
270	583412.683	270	177824.542
543	584407.378	543	178127.725
546	583317.700	546	177759.591
561	582156.060	561	177441.520
600	583308.176	600	177792.687
604	581235.822	604	177161.033
606	581290.677	606	177177.753
607	581389.092	607	177207.749
608	581483.103	608	177236.404
610	582665.042	610	177596.860
611	582092.539	611	177422.161
612	581980.926	612	177386.141
622	581974.781	622	177386.268
623	581892.126	623	177361.075
624	581887.689	624	177359.722
625	581821.104	625	177278.467
3004	582256.985	3004	177563.724
3005	582357.399	3005	177502.890

DENSITY EXCHANGE	
INITIAL EXCHANGE	
TOTAL PARCEL COMPUTED ACREAGE	56.750 AC.
PRESERVATION PARCEL ACREAGE(*)	56.750 AC.
CEO UNITS CREATED (1:4.25)	38.250 AC. ÷ 1 CEO UNIT/4.25 AC. = 9
CEO UNITS SENT (1:4.25)	9
CEO UNITS RETAINED (1:4.25)	56.750 AC. - 38.250 AC. = 18.500 AC. ÷ 4.25 = 4*
DEO UNITS CREATED (1:3)	0
DEO UNITS SENT (1:3)	0
DEO UNITS RETAINED (1:3)	0
RECEIVING PARCEL INFORMATION	GAITHER HUNT, SECTION 1, AREA 2, LOTS 34 THRU 62 AND BUILDABLE PRESERVATION PARCEL 'A' (F-98-76) TAX MAP No. 23, PARCEL No. 128, GRID No. 23

\* INCLUDES 1 BUILDING UNIT TO BE RETAINED FOR EXISTING DWELLING.



- GENERAL NOTES:**
- SUBJECT PROPERTY ZONED RC-DEO PER ZONING BOARD BOARD No. 28-972.
  - COORDINATES BASED ON NAD 83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS No. 21E2 AND 18-21E3.
    - STA. 21E2 N 17776.8600 meters E 396505.4940 meters
    - STA. 21E3 N 17874.0848 meters E 398873.1186 meters
  - THIS PLAT IS BASED ON FIELD RUN BOUNDARY SURVEY PERFORMED ON OR ABOUT AUGUST 1998 BY FISHER, COLLINS AND CARTER, INC.
  - B.R.L. DENOTES BUILDING RESTRICTION LINE ESTABLISHED BY ZONING.
  - DENOTES IRON PIN SET CAPPED "C.C. 106".
  - DENOTES IRON PIPE OR IRON BAR FOUND.
  - DENOTES ANGULAR CHANGE IN BEARING OF BOUNDARY OR RIGHTS-OF-WAY.
  - DENOTES CONCRETE MONUMENT SET WITH ALUMINUM PLATE "C.C. 106".
  - DENOTES STONE OR MONUMENT FOUND.
  - DENOTES AREA OF PRESERVATION EASEMENT AGREEMENT WITH HOWARD COUNTY AGRICULTURAL LAND PRESERVATION PROGRAM AND E. ALEXANDER ADAMS AND BETTY SMITH ADAMS PROPERTY. (TOTAL AREA = 56.750 AC.)
- THE PURPOSE OF THIS PLAT IS TO (1) EXTINGUISH PERMANENTLY, THE RIGHT TO SUBDIVIDE A PORTION OF THIS SUBDIVISION; 9 (NINE) DEVELOPMENT RIGHTS ARE TRANSFERRED TO THE SUBDIVISION OF GAITHER HUNT, SECTION 1, AREA 2, LOTS 34 THRU 62 AND BUILDABLE PRESERVATION PARCEL 'A' (F-98-76) FOR RESIDENTIAL CLUSTER LOTS BASED ON THE CEO OF SECTION 106 OF THE 1993 ZONING REGULATIONS.

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 19272 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461-2855  
 30575 Density Exchange Plat.dwg

NOTE: THE REQUIREMENT OF §3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THE PLATS AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

*E. Alexander Adams* 01/18/98  
 E. ALEXANDER ADAMS DATE  
*Betty Smith Adams* 10-12-98  
 BETTY SMITH ADAMS DATE  
*Terrell A. Fisher* 10/9/98  
 TERRELL A. FISHER, SURVEYOR DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.  
*James S. Smith* 12/11/98  
 DIRECTOR TC DATE

**OWNER'S CERTIFICATE**

E. ALEXANDER ADAMS AND BETTY SMITH ADAMS, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAT; AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE PRESERVATION EASEMENT TO BE CONSIDERED A SENDING PARCEL FOR DEVELOPMENT RIGHTS. WITNESS OUR HANDS THIS 12<sup>TH</sup> DAY OF OCTOBER 1998.

*E. Alexander Adams*  
 E. ALEXANDER ADAMS  
*Betty Smith Adams*  
 BETTY SMITH ADAMS

*Kelley Lee Marlan*  
 WITNESS  
*Kelley Lee Marlan*  
 WITNESS

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT THAT IT IS A SUBDIVISION COMPRISED OF ALL THE LAND CONVEYED BY E. ALEXANDER ADAMS AND BETTY SMITH ADAMS TO E. ALEXANDER ADAMS AND BETTY SMITH ADAMS BY CONFIRMATORY DEED DATED JUNE 25, 1998 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 4346, FOLIO 651, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, MARYLAND AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED, AND MONUMENTATION IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

*Terrell A. Fisher*  
 TERRELL A. FISHER, SURVEYOR  
 10/9/98  
 DATE

RECORDED AS PLAT No. *1348* ON *December 17, 1998* AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**PLAT OF EASEMENT**  
 PROPERTY OF  
**E. ALEXANDER ADAMS**  
 AND  
**BETTY SMITH ADAMS**

ZONED: RC-DEO  
 TAX MAP: 21 PART OF PARCEL: 7 GRID: 10  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 DATE: OCTOBER 9, 1998

0' 50' 100' 200' 400'  
 Scale: 1" = 200'  
 SHEET 1 OF 1

**ADAMS & ADAMS**

Attorneys at Law

One Centre Park Office Building  
8808 Centre Park Drive, Suite #205  
Columbia, Maryland 21045

E. ALEXANDER ADAMS

BETTY SMITH ADAMS

(410) 992-1477

FAX: (410) 992-1685

January 27, 1998

Mr. Craig Williams, Director  
Department of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043

Re: 14722 Dorsey Mill Road: B-00109103

Dear Mr. Williams:

I got your reminder about my well. I have engaged a geologist to locate a new possible well location, but the selected site necessitated building a road, which now has been done. I am just waiting for a good freeze so I can get the well rig back to the site.

Very truly yours,



E. Alexander Adams

EAA/sl

H:\KAW\LTR-WILL.CRA - January 27, 1998 - 12:06pm



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

November 9, 1998

Mr. E. Alexander Adams  
14722 Dorsey Mill Road  
Glenwood, Maryland 21738

RE: Devlin Property  
14722 Dorsey Mill Road  
Well Permit #HO-94-1324

Dear Mr. Adams:

This is to advise you that the septic system for the above referenced property was installed, inspected and approved on November 5, 1998.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria and is bacteriologically safe for drinking. The water sample was found to be in compliance with COMAR water quality standards.

### INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-1324. No guarantee can be given for health protection beyond this date of issue. Based upon satisfactory investigation and evaluation by the Howard County Health Department, the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.09.

This certificate may become final upon completion of the final bacteriological test which is to be taken by the county health department within six months. Please contact Ms. Vicki Fellas at (410) 313-2644 to schedule a final water sample appointment.

Date of Water Samples: November 6, 1998  
Date of Well Completion: April 15, 1998

Approving Authority,  
*Kimberly Maiste*  
Kimberly Maiste, Sanitarian  
Water and Sewerage Program

KM  
cc: Building Inspector's office  
Homeowner  
File