

# PERMIT

TOW ID-05-415659

P 510196

## SEWAGE DISPOSAL SYSTEM

A 42214

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 5th

DATE 6-11-98

6/11/98  
3:00 ca.  
6/11/98  
10:00  
6/22/98  
12:00 hse conn

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 7/22/98

INSPECTOR M. Rittin

## INDEXED

Jack Fyock Septic Services IS PERMITTED TO INSTALL  ALTER

ADDRESS 13775 Triadelphia Rd, Glenelg, MD 21737 PHONE 410-988-9270

SUBDIVISION Adam's Reach, Sec. II LOT 29 ROAD 5701 Adam's Way

PROPERTY OWNER Bac-Mp Development Limited Partnership (SUZANNE HARUTUNIAN)

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 320

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 310 feet from the front (108.16') lot line and 60 feet off the lot line along Ten Oaks Road. Run trenches on contour towards the rear 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. 5/12/98 OR DCA

PLANS APPROVED BY Glen Savage/Amy McMillen REVISED DATE 5/05/98

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

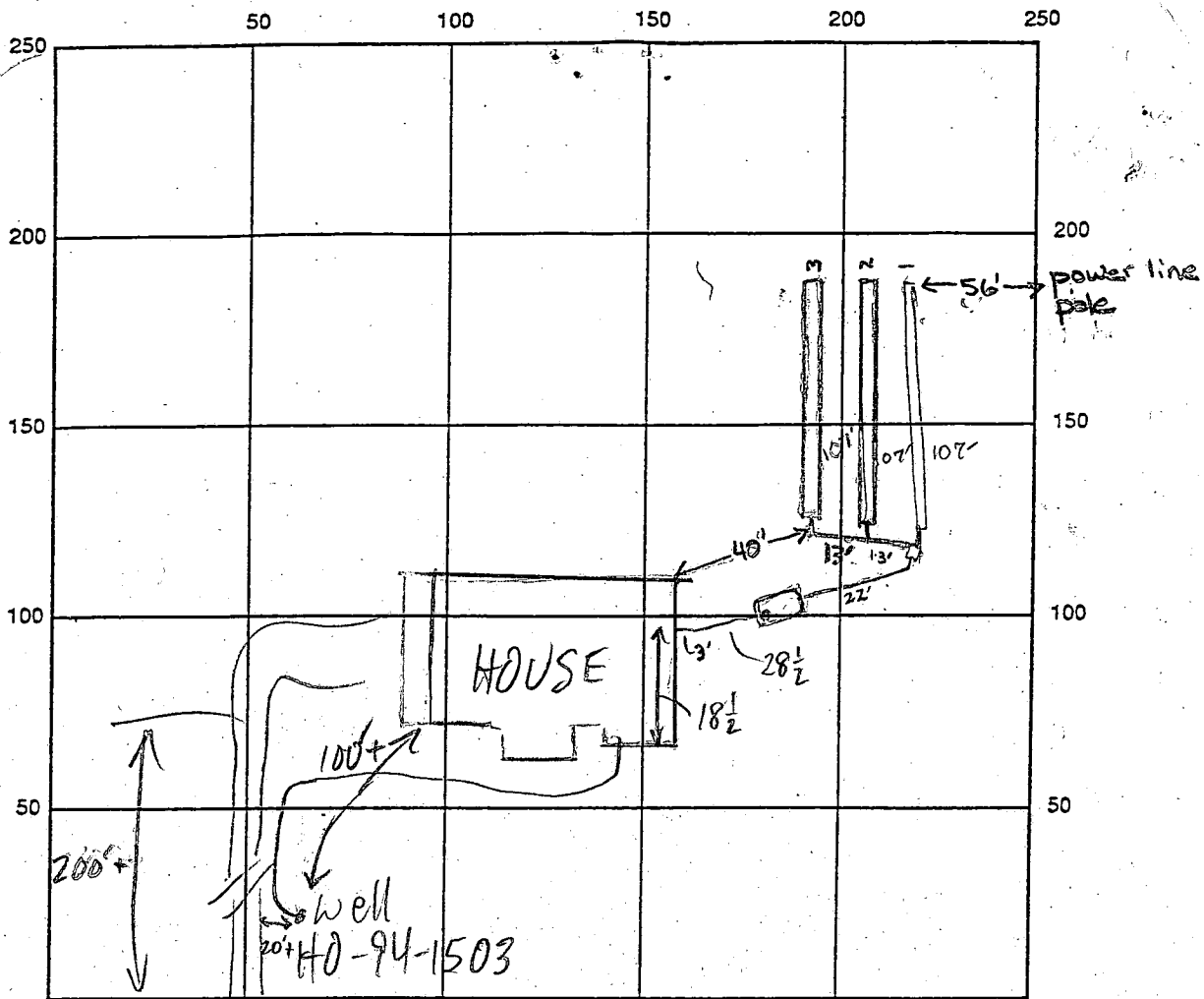
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 42214



ADAMS WAY

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 GAL CLEANOUTS one on st.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 321 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 963 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 6/18/98 OK to cover from tank to box. HO. 1000

6/19/98 OK to cover 3<sup>rd</sup> trench. No House Connection HO.

7/22/98 OK TO COVER HOUSE CONN (MR)

7/22/98 WPI OK, 2 PC CAP OK

DATE SYSTEM APPROVED 7/22/98 INSPECTOR M. Ritkin

# APPLICATION

PERCOLATION TESTING

A 42214  
P \_\_\_\_\_

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

*Check is in  
117*

DISTRICT 5TH  
DATE MAY 1988

TO: THE COUNTY HEALTH OFFICER  
ELLCOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER BAC - MP DEVELOPMENT LIMITED PARTNERSHIP  
c/o H.P. ASSOCIATES  
ADDRESS 3901 NATIONAL DRIVE SUITE 100 PHONE 421-1900  
BURTONSVILLE, MARYLAND 20866

PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION ADAMS REACH SEC 2 LOT NO. Y 29 Preliminary

ROAD AND DESCRIPTION LOCATED ON THE NORTH AND SOUTH SIDES OF  
(5701 Adams Way)  
MD. ROUTE 32, WEST OF RTE 108, NORTH OF TELL DAKS ROAD

TAX MAP 28 PARCEL # 240  
SIZE OF LOT ± 3.5 AC

~~BLDG. PERMIT SIGNED~~  
~~AND RETURNED 5-5-98~~  
~~Serial # B1011062~~  
SFD - YBUN  
(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]  
(SIGNATURE OF APPLICANT)

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

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

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

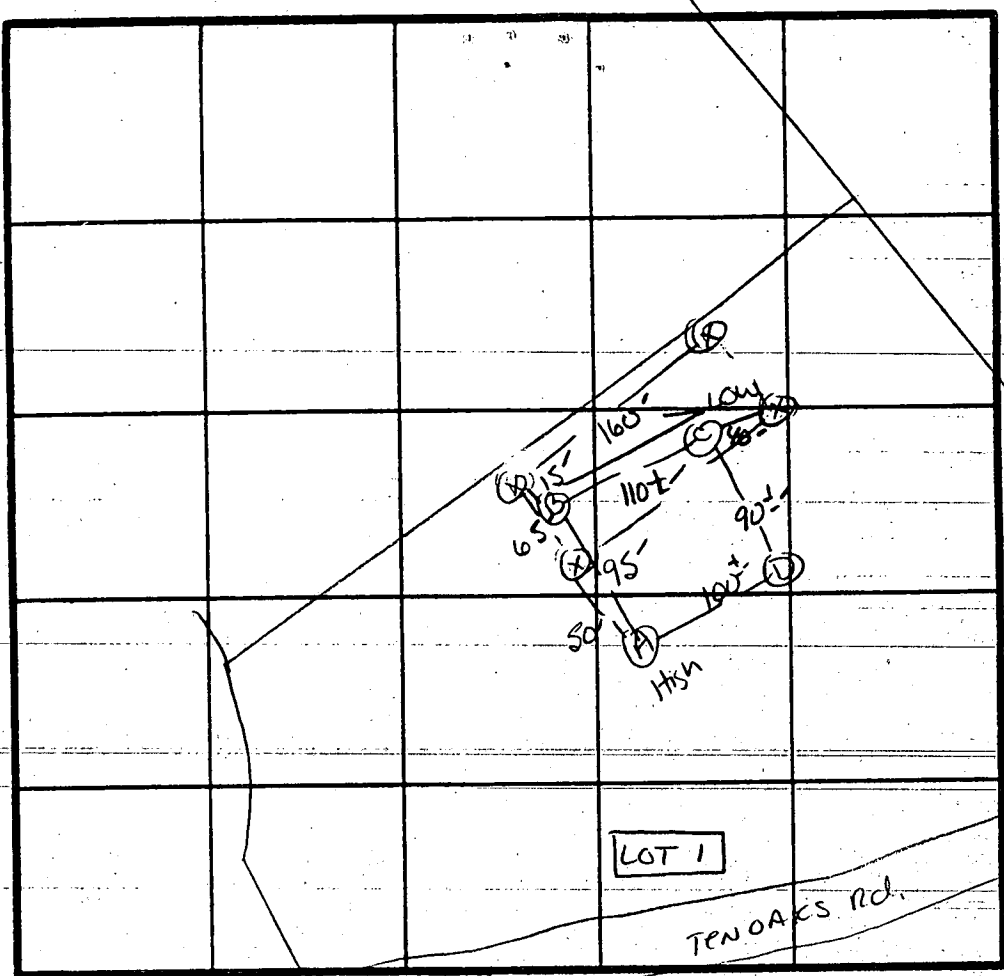
REASONS FOR REJECTION OR HOLDING 9-23-88 Perc Satisfactory - Hold for plan. S.H.O.

# THIS IS NOT A PERMIT

42214  
LOT 1

⊕ - ⊖  
SOIL PROFILE

0"	AP
8"	RED BROWN Silty CLM Lom 20-30% QUARTZITE
4-4.5'	Yellow Br. Silt Lom Slightly micaceous 15-20% FRAG
12.5'	



PERC 17 MIN  
250 #/BA  
INLET 3.5  
BOTTOM 5.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/23/88	AS	4"	8:53	8:57	8:57	9:05	8 MIN
		8"	8:53	8:55	8:55	9:02	7 MIN
	AV	12.5"	UNIFORM	soil below 4.0"			
	BV	6"	8:54	9:10	9:10	9:41	31 MIN
		12.5"	UNIFORM	soil below 4.5"			
	CV	6"	9:03	9:13	9:13	9:32	19 MIN
		13"	UNIFORM	soil below 5.0"			
	DV	13"	UNIFORM	soil below 3.5-4.0"			

REMARKS Slide PERC AREA TOWARD TEN OAKS RD. TO MOVE AWAY FROM SLOWER LOW W/L  
HOLES DIFF THAN PERC / SHALLOW SYST. ONLY LANDSCAPE POSITION WITH DEEP  
CLAY.

TYPE OF SOIL CHESTER GRANULY LM.

TESTED BY S. Abel

ALSO PRESENT Wayne, Fuchs & Co

EH-12-1079

# APPLICATION

PERCOLATION TESTING

A 42214

P \_\_\_\_\_

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

*Check is in  
117*

DISTRICT 5TH

DATE MAY 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 BAC - MP DEVELOPMENT LIMITED PARTNERSHIP

C/O M.P. ASSOCIATES

ADDRESS 3901 NATIONAL DRIVE SUITE 100 PHONE 421-1700

BURTONSVILLE, MARYLAND 20866

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

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

PROPERTY LOCATION:

SUBDIVISION ADAMS REACH Sec. 2 LOT NO. Y 29 Preliminary

ROAD AND DESCRIPTION LOCATED ON THE NORTH AND SOUTH SIDES OF  
MD. ROUTE 32, WEST OF RTE 108, NORTH OF TEN OAKS ROAD

TAX MAP 28 PARCEL # 240

SIZE OF LOT ± 3.5 AC TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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*[Signature]*

(SIGNATURE OF APPLICANT)

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

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

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

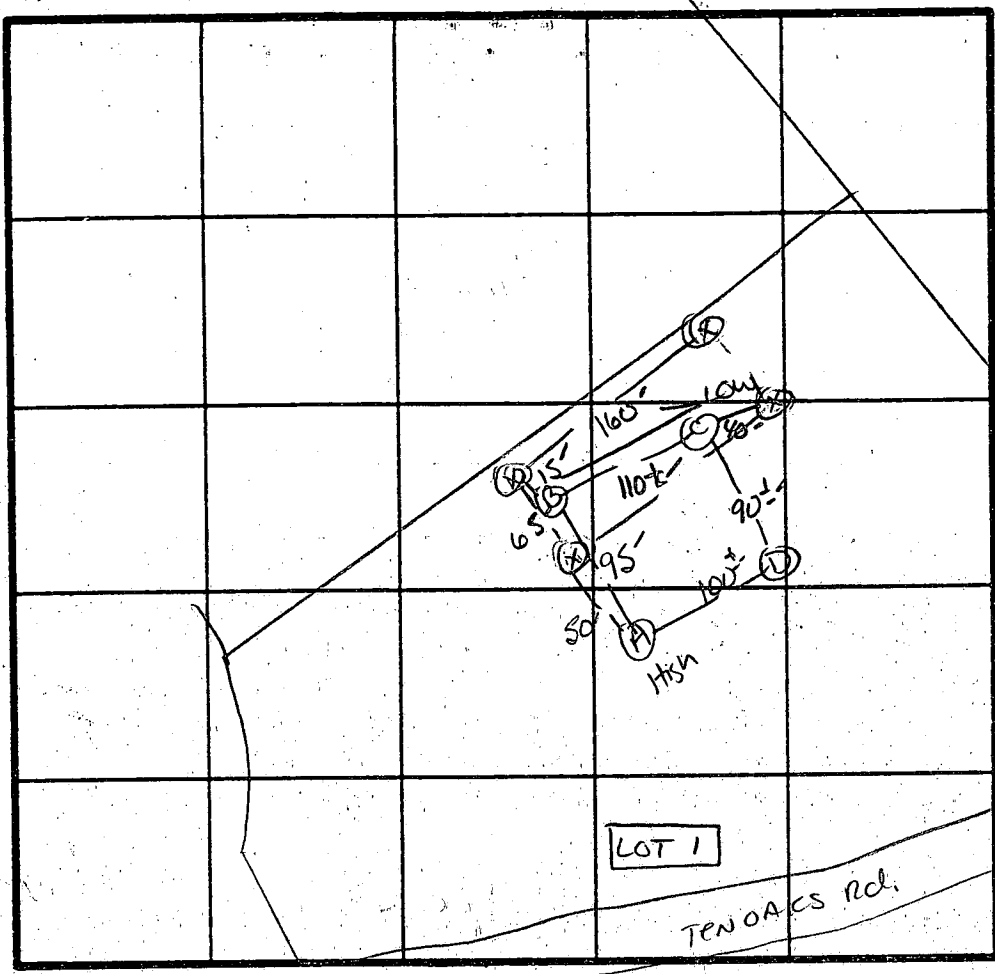
REASONS FOR REJECTION OR HOLDING 9-23-88 Perc Satisfactory - Hold for perc. S.M.C.

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A 42214  
LOT 1

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SOIL PROFILE

0"  
8" AP  
RED BROWN  
Silty CLAY  
LOAM  
20-30%  
QUARTZITE  
4-4.5'  
Yellow BR.  
Silt LOAM  
Slightly  
micaceous  
15-20%  
FRAG  
12.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/23/88	✓ AS	4'	8:53	8:57	8:57	9:05	8 min
		8'	8:53	8:55	8:55	9:02	7 min
	✓ AV	12.5'	UNIFORM	soil below 4.0'			
	- BV	6'	8:54	9:10	9:10	9:41	31 min
		12.5'	UNIFORM	soil below 4.5'			
	CS	6'	9:03	9:13	9:13	9:32	19 min
		13'	UNIFORM	soil below 5.0'			
	DN	13'	UNIFORM	soil below 3.5'	10'		

REMARKS Slide Perc AREA TOWARD TEN OAKS Rd. TO MOVE AWAY FROM slower low holes  
Holes DIFF than PEAT / Shallow Syst. only LANDSCAPE POSITION WITH deep  
Clays.

TYPE OF SOIL Chester Generally Lm  
TESTED BY S. Abel ALSO PRESENT Wayne, Fyock + Co

EH-12-1079

**LOT 29**

**ADAM'S REACH SUBDIVISION**

5th ELEC. DISTRICT HOWARD CO., MD

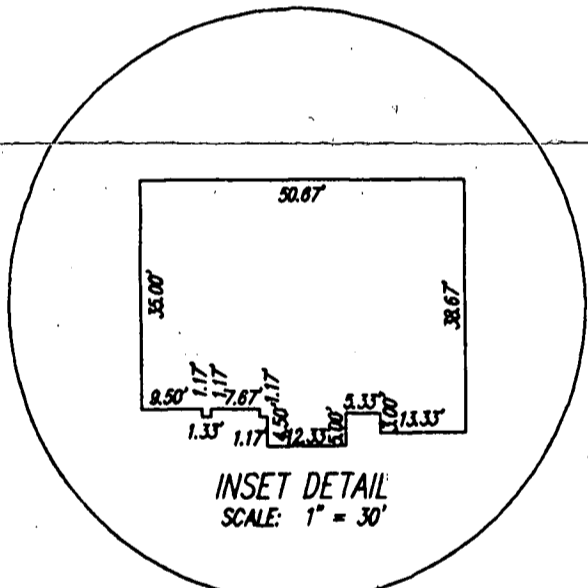
MARCH 24, 1998 SCALE: 1"=50'

**Notes:**

1. Lot shown contains 145,708 s.f. of land and recorded at plat # 10574 among the Land Records of Howard County, Maryland.
2. Prepared by Gutschick, Little and Weber, P.A.
3. Grading around house may vary due to field conditions.
4. No construction stockpiling refuse or excess material shall be buried in septic easement.
5. Wells shown per field location.
6. Install sediment controls as required by Site Inspector.
7. Disturbed area shown is approximately 19,300s.f.
8. Pile excavated material on high side of trench when installing septic field prior to disposal of excess material.
9. Length of trench for septic system to be determined and specified by Howard County Department of Health.

**SEPTIC SYSTEM DATA:**

BASEMENT FLOOR ELEV = 511.0  
 INV. OUT OF HOUSE = 512.25 (HUNG SEWER)  
 INV. @ 20' BEFORE TANK = 512.15  
 INV. IN AT SEPTIC TANK = 511.75  
 INV. OUT AT SEPTIC TANK = 511.50  
 EX. ELEV. AT SEPTIC TANK = 514.7±  
 PROP. ELEV. AT SEPTIC TANK = SAME  
 INV. IN AT DIST. BOX = 511.10  
 EX. ELEV. AT DIST. BOX = 514.6±



**Total linear feet of trench required** 320 feet

**Width of trench(es)** 3.0 feet

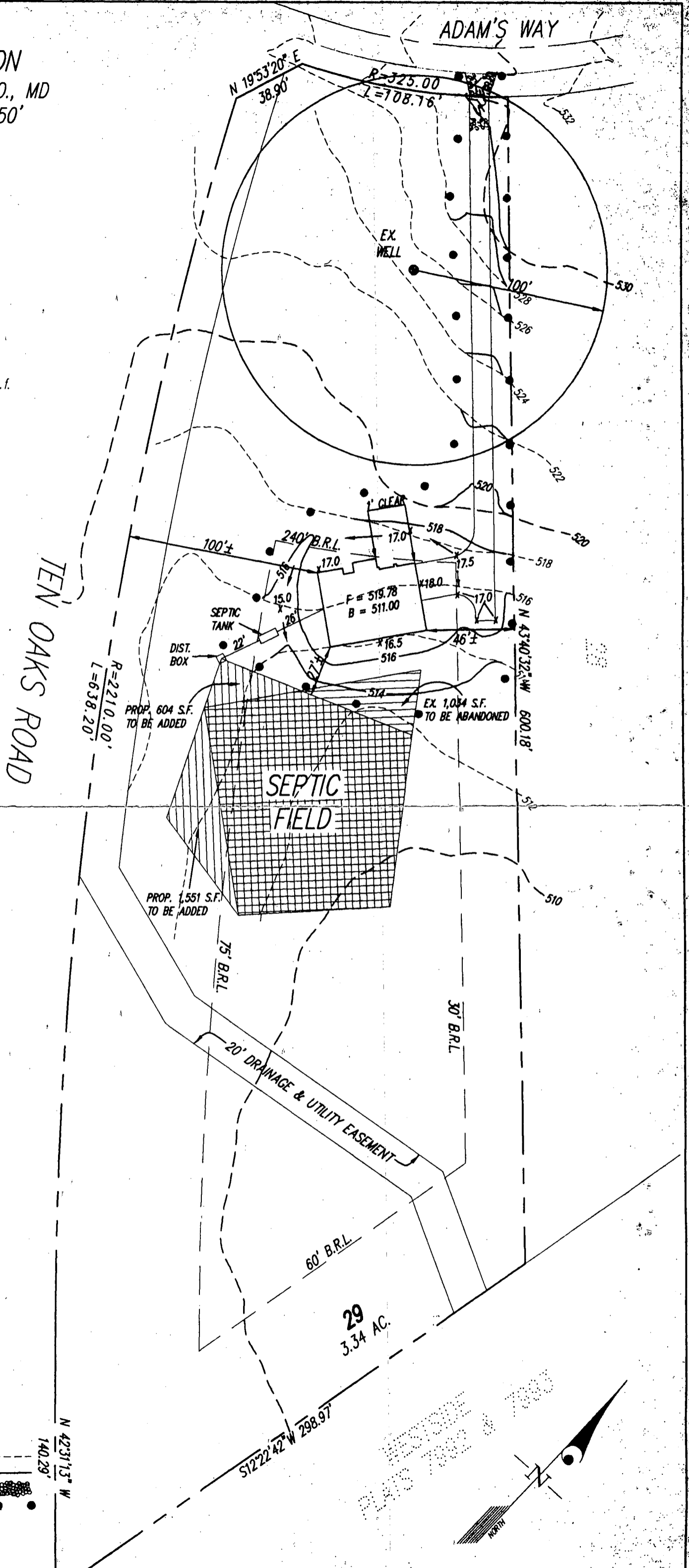
**Depth of trench(es)** 5.5 feet

**Depth of stone required below distribution pipe** 2.0 feet

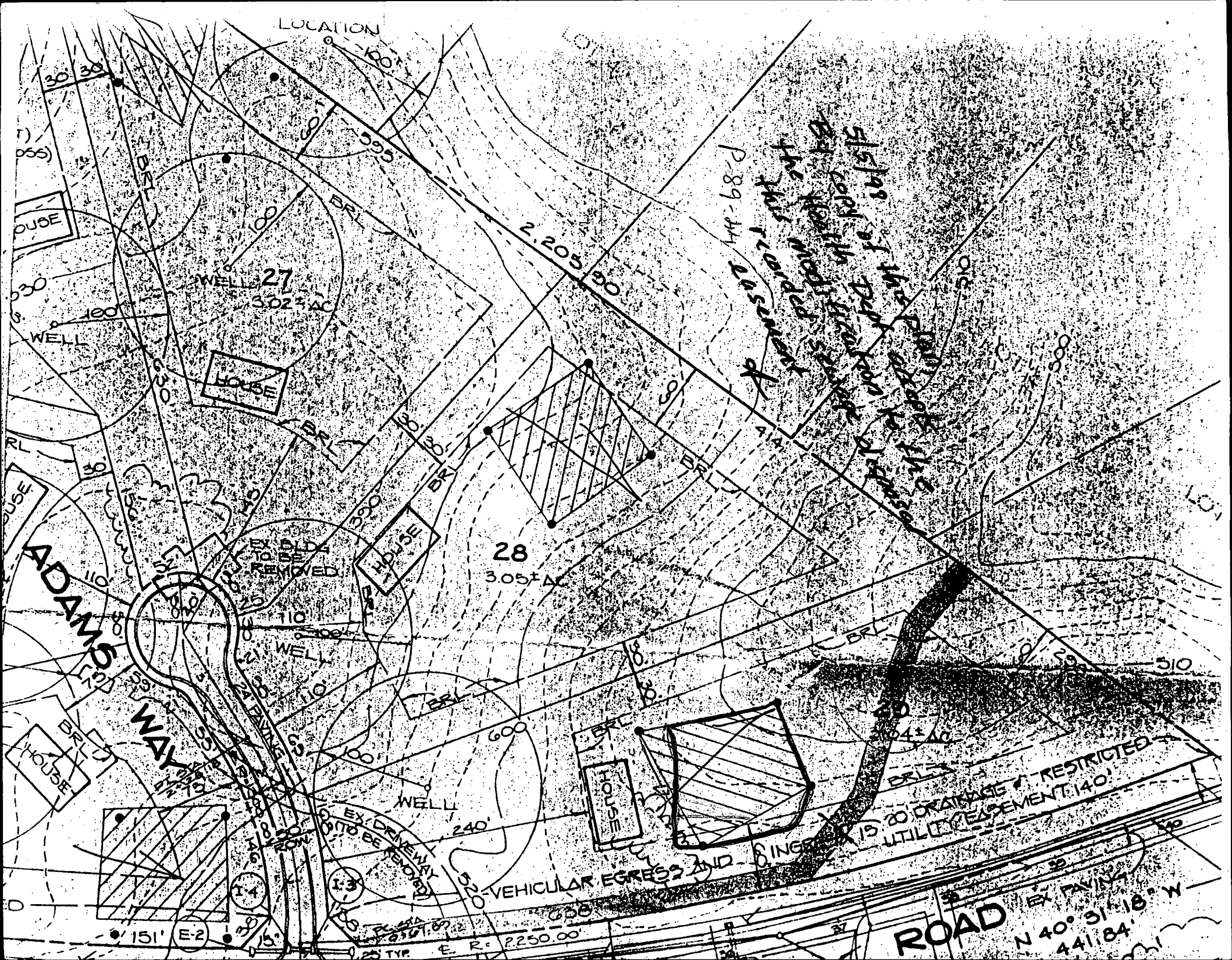
**Approved Septic System Plan**  
**Howard County Health Department**

*Amy McMill* 5/5/98  
Signature **LEGEND** Date

- EXISTING CONTOUR ----- 518
- PROPOSED CONTOUR ----- 518
- STABILIZED CONSTRUCTION ENTRANCE [hatched pattern] SCE
- SILT FENCE / LIMIT OF DISTURBANCE [dotted pattern]



**29**  
3.34 AC.



LOCATION

LOU

*P. 89-44 easement display of this property the portion of the property the landowner has reserved*

**DANIEL WAY**

**WAY**

HOUSE

WELL

HOUSE

HOUSE

WELL 27  
502± AC

HOUSE

WELL  
EX. DRINKING WATER UTILITY EASEMENT

WELL

HOUSE

28  
305± AC

HOUSE

600

WELL

VEHICULAR EGRESS AND DRINKING WATER UTILITY EASEMENT 140'

VEHICULAR EGRESS AND DRINKING WATER UTILITY EASEMENT 140'

**ROAD** N 40° 31' 18" W  
441.84'

PL 89-44  
E. R. 2250.00

30' 30'

595

2,205.90

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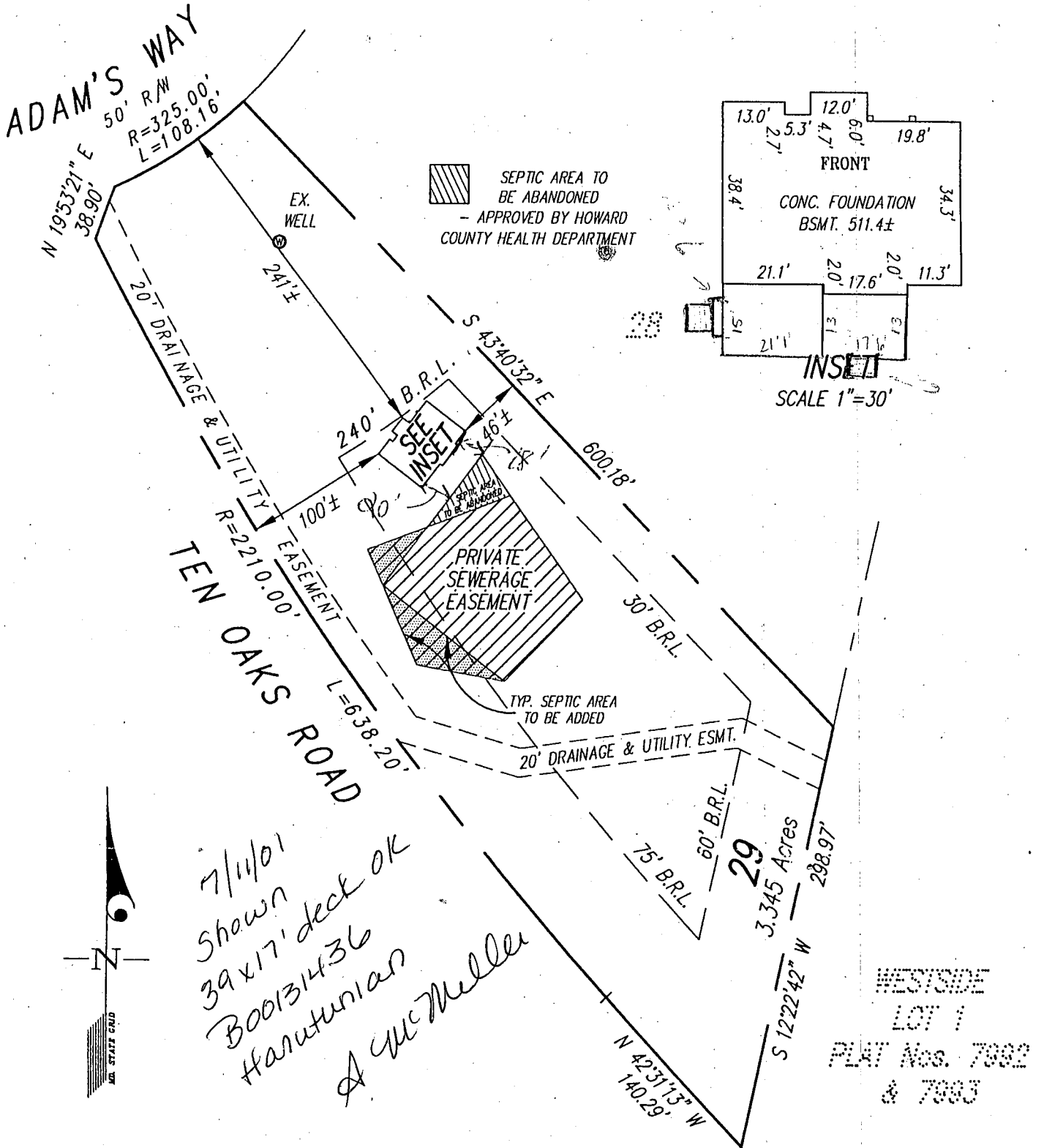
80'

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THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.  
 THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.



BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER PLAT No. 10574  
 SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±1 FOOT.

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
 BURTONSVILLE, MARYLAND 20866  
 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE C (AREA OF MINIMAL FLOODING) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL No. 240044 0032 B, REVISED DECEMBER 4, 1986.  
 REFERENCE: PLAT No. 10574  
 DATE OF LATEST FIELD WORK: 05-27-98  
 DRAWN BY: WEG/CAD SCALE: 1"=100' G.L.W. FILE No. 94-052  
 CHECKED BY: [Signature]

**SURVEYOR'S CERTIFICATE**  
 THIS IS TO CERTIFY TO:  
 "BAC-MP DEVELOPMENT L.L.P."  
 THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE POSITION OF THE ABOVE REFERENCED BUILDING FOUNDATION HAS BEEN ESTABLISHED BY ACCEPTED FIELD PRACTICES AND THAT UNLESS OTHERWISE SHOWN, THERE ARE NO ENCGROACHMENTS.  
 [Signature] 6/11/98  
 For Gutschick, Little and Weber, P.A.:  
 Thomas C. O'Connor, Jr., Professional Land Surveyor, No. 10954  
 THIS WALLCHECK IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.

**WALLCHECK (SPECIAL PURPOSE SURVEY)**  
 "ADAMS REACH"  
 LOT 29  
 5701 ADAM'S WAY  
 HOWARD COUNTY, MARYLAND

B 1 **5408** SEQUENCE NO. (MDE USE ONLY)

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

STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO 94 - 1503**  
 fill in this form completely

Date Received (APA) **3/10/98**

OWNER INFORMATION **RN 7386**

Phillips Stevens Assoc  
 2901 National Pike  
 Burtonsville, Md. 20866

B 3 LOCATION OF WELL

**Howard** COUNTY  
**Adam's Reach** SUBDIVISION  
 SECTION 44 46 LOT **29**  
**Clarksville** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **1** M I  
 73 76 77 78

DRILLER INFORMATION

**George F. Easterday** M W D **040**  
 Drillers Name License No.

**L. Franklin Easterday, Inc.**  
 Firm Name  
**9265 Brown Church Rd., MT. Airy, Md. 21771**  
 Address  
**George F. Easterday** **3/9/98**  
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

**Adam's Way** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 34 **100** 37  
 DISTANCE FROM ROAD ENTER FT OR MI **38** Ft  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

B 2 WELL INFORMATION

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**HOWARD** COUNTY NAME **A42214** COUNTY NO.  
 STATE SIGNATURE INSERT S  
 DATE ISSUED **4/1/99** **Howard** **3/31/99**  
 43 MM DD YY 48 CO SIGNATURE EXP. DATE  
 NORTH GRID **501 000** EAST GRID **0811 000**  
 50 55 57 63

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)

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- wells**
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E **800**  
 N **500**

4/9/98 8:15 Grant  
 No rep  
 KM

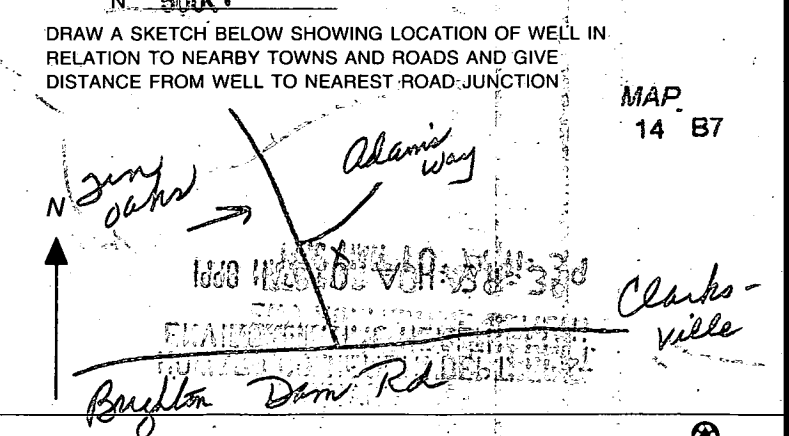
METHOD OF DRILLING (circle one)

BORED (or Augered)  AIR-ROTary  
 JETTED AIR-PERcussion  
 Jetted & DRIVEN 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



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

APPROP. PERMIT NUMBER **54** G A P **63**  
 FORCE **DS** WRITE INITIALS IN BOX **HO 94 - 1503** PERMIT No. **70 71 72 73 74 75 76 77 78 79**

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

C1 05046 SEQUENCE NO. (MDE USE ONLY) 28

STATE OF MARYLAND WELL COMPLETION REPORT

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A42214

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

ST/CO USE ONLY DATE RECEIVED MM 05 DP 07 98

DATE WELL COMPLETED MM 04 DD 17 1998

Depth of Well 22 200 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-94-1503

OWNER Phillip Stevens Assoc. STREET OR RFD Adam's Way TOWN Clarksville SUBDIVISION Adam's Reach SECTION LOT 29

WELL LOG Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Shaley Clay, brown sandy Shale, Mica, Sand Stone, Mica, Sand Stone, Mica, Quartz, Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 32 NO. OF POUNDS 3200 GALLONS OF WATER 160 DEPTH OF GROUT SEAL 80

CASING RECORD MAIN CASING TYPE (S) (T) (6) (100) Nominal diameter top (main) casing of main casing

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

SCREEN RECORD screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) (P) (L) (O) (T) (P) (L) (O) (T)

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED (Y) (N)

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

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

DRILLERS LIC. NO. 1 MW 0040 DRILLERS SIGNATURE (Must match signature on application) LIC. NO. 1 MND 501

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 71 72 73 74 75 76

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15. METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 28 ft. WHEN PUMPING 58 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 (YES or 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)

