

10/16/98
3:00 PM open road
10/19/98
P.M.

Tax ID - 05-415608

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510682

A 42219

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

DATE 9-14-98

~~XXXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 10/19/98

INDEXED

INSPECTOR [Signature]

Fyock Septic Service, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS P.O. Box 89 Triadelphia Road Glenelg, MD 21737 PHONE 410-988-9270

SUBDIVISION Adam's Reach, Section II LOT 24 ROAD 5700 Adams Way

PROPERTY OWNER BAC-MP Development Limited Partnership

ADDRESS Stephen & Laurin Murray

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet to be 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 110 feet off the 151.32' lot line and 120 feet off the 146.93' lot line. Run trenches along contour towards the 151.32' 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. B-19-98 OK Add

PLANS APPROVED BY Ronald J. Pinkley DATE 8/17/98

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

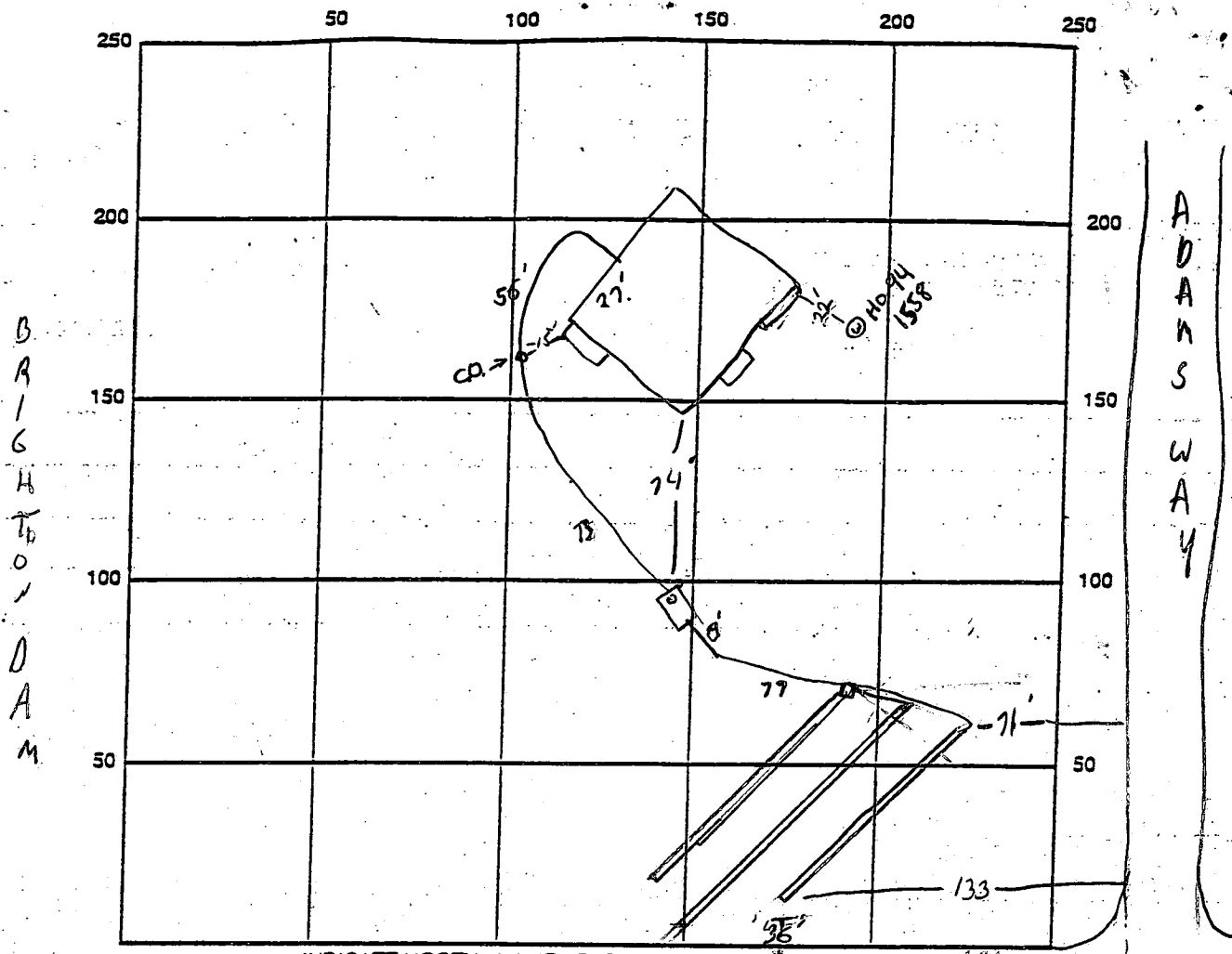
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED. Screen pack

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

PERMIT SIGNATURE
AND RETURNED 8-12-98
Serial # B11199 01

42219



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

BRIGHTON DAM

ADAMS WAY

SEPTIC TANK LEVEL OK -1250 CLEANOUTS 1 IN LINE, 1 ON ST. (3' COVER)

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 94/117/81 FT. = 292

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 876 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 10/16/98 OK TO COVER LINE TO ST. + TANK. JH

10/16 TC w/ EYOLK - (ROBT) HE WILL HAVE HOMEOWNER VERIFY INSTALLATION. I WILL

SUBMIT DRAWING OF COMPLETED SYSTEM - THEY INTEND TO COMPLETE THIS WEEKEND

OK JH. 10-19-98 FINAL COVER ALL WORK JH

DATE SYSTEM APPROVED 10/19/98 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 42219
P _____

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

DISTRICT SDE
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 HP DEVELOPMENT LIMITED PARTNERSHIP
C/O H.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. LOT 24 Preliminary

ROAD AND DESCRIPTION LOCATED ON THE NORTH AND SOUTH SIDES OF
(5700 ADAMS WAY)
MD. ROUTE 32, WEST OF RTE 108, NORTH OF JELL DAKS ROAD

TAX MAP 28 PARCEL # 240 **BLDG. PERMIT SIGNED AND RETURNED 8-17-98**
SIZE OF LOT ± 3.2 AC **Serial # 270113419 SFD-4BIM** TYPE BLDG. SFD
(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.

TRK JVP
(SIGNATURE OF APPLICANT)

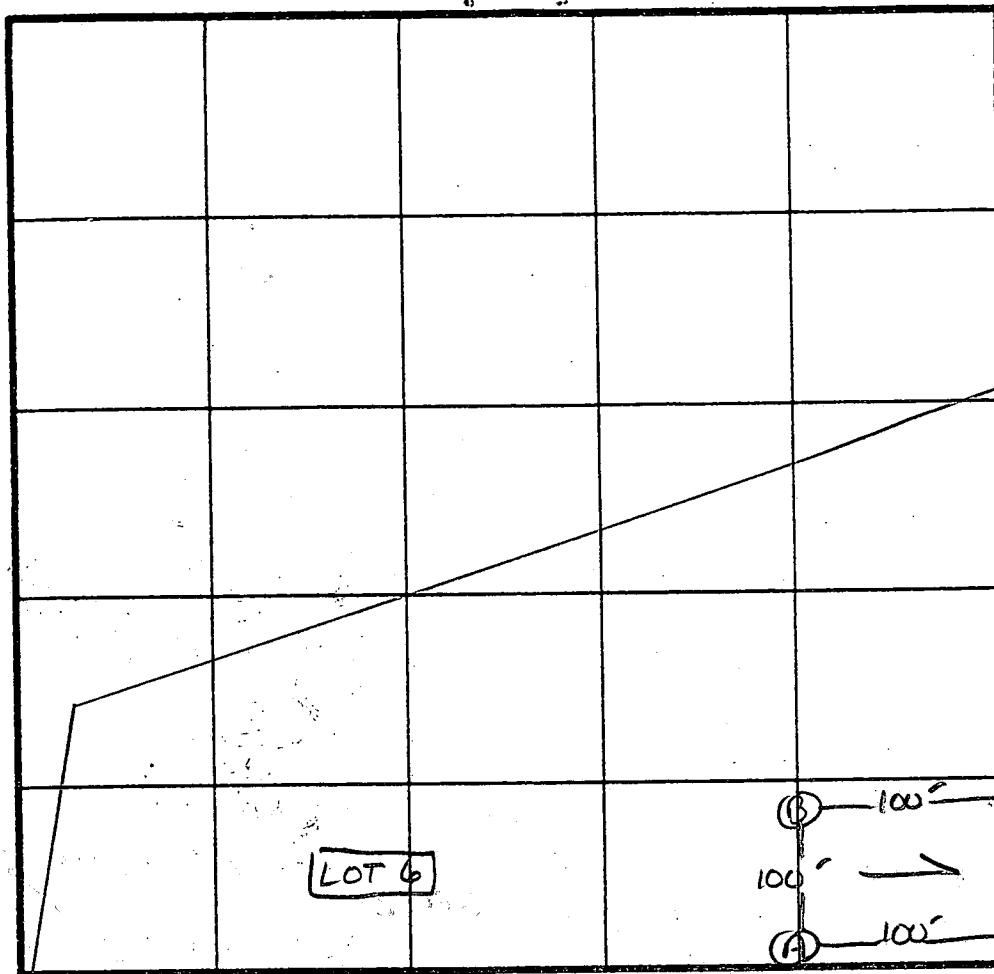
APPROVED BY _____ FOR _____ DATE _____
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9-22-88 Perc Satisfactory - Hold for Plat - Saw

THIS IS NOT A PERMIT

⊕ - ⊕
SOIL PROFILE

6"	AP14x Yellow Red Silty Clay Loam 15-20% FRAG
4-4.5"	Yellow Red Silty Loam 15-20% FRAG



2 Perc 9 MIN

210 #1 BR

Enter 4'
Bottom 6'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TEN OAKS Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/22/88	✓ AV	12.5'	SIMILAR TO Hole B w/ less red hue					
	✓ BS	5.5	2:20	2:27	2:27	2:40	13 MIN	
	✓ BM	8.0	2:20	2:25	2:25	2:33	8 MIN	
	✓ BV	12.5	UNIFORM Soil below 4.5'					
	CS	5'	2:36	2:38	2:38	2:42	4 MIN	
	CV	13'	2-4" very rocky - QUARTZITE					
	DS	5.0'	2:26	2:29	2:29	2:40	11 MIN	
	DV	12.5'	UNIFORM Soil below 4.0' SIMILAR TO A					

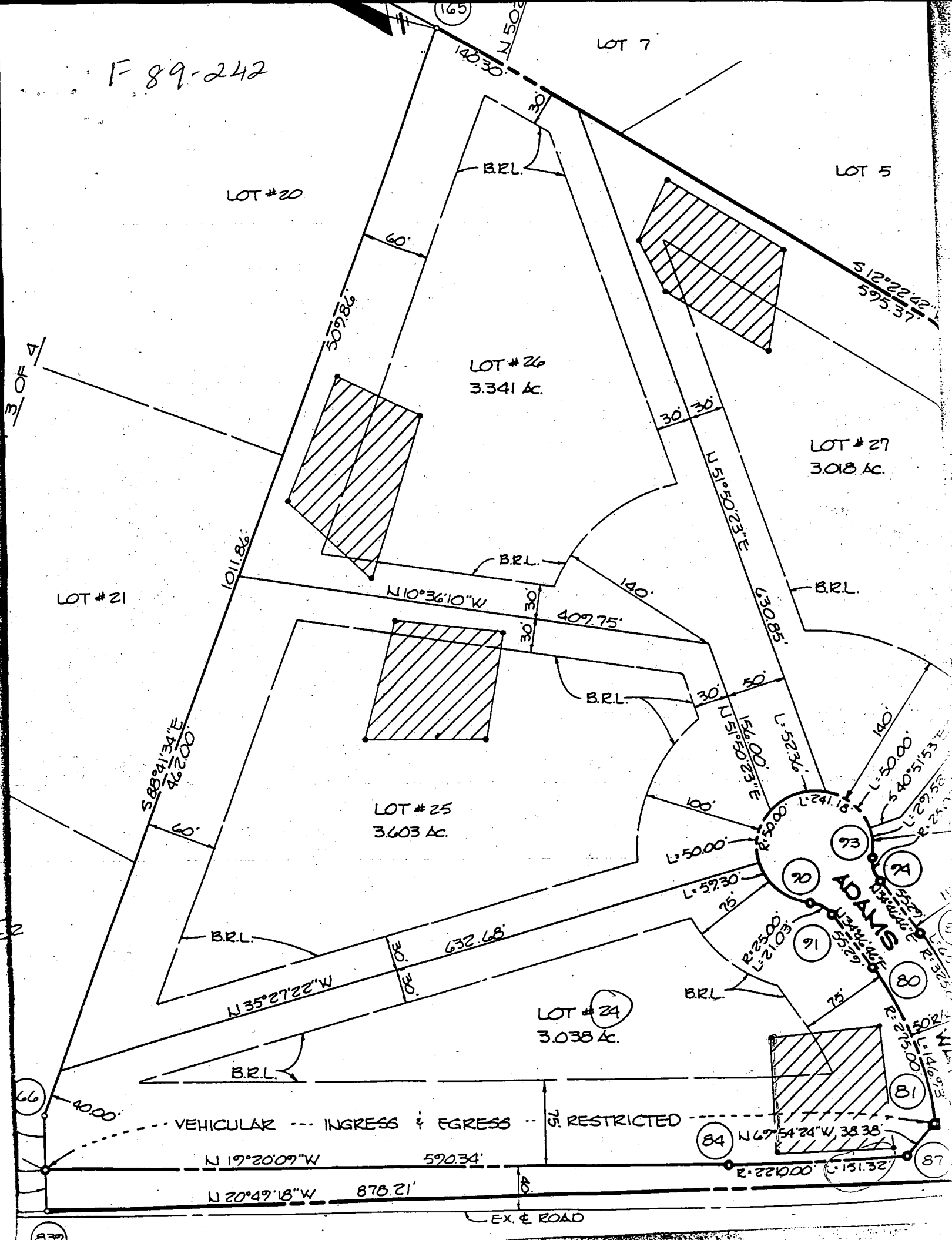
REMARKS Perced as staked / Shallow system - Landscape Position

TYPE OF SOIL Chaster Gravelly loam

TESTED BY SID Abel

ALSO PRESENT Wayne, JACK Fyock & Co.

F 89-242



LOT #20

LOT #26
3.341 Ac.

LOT 5

LOT #27
3.018 Ac.

LOT #21

LOT #25
3.603 Ac.

LOT #24
3.038 Ac.

ADAMS

VEHICULAR INGRESS & EGRESS

RESTRICTED

EX. & ROAD

N 19°20'09"W

590.34'

N 20°49'18"W

878.21'

N 67°54'24"W 38.38'

84

87

81

80

79

78

77

76

75

74

73

72

71

70

69

68

67

66

837

3 OF 4

12

165

N 50°

LOT 7

140.30'

B.R.L.

60'

509.86'

S 12°22'42"W
595.37'

30' 30'

N 151°50'23"E

130.85'

B.R.L.

N 10°36'10"W

B.R.L.

140'

409.75'

B.R.L.

30'

30'

100'

L=50.00'

L=59.30'

L=21.03'

L=24.18'

L=29.58'

L=35.23'

L=40.93'

L=46.63'

L=52.33'

L=58.03'

L=63.73'

L=69.43'

L=75.13'

S 88°21'34"E
462.00'

1011.86'

60'

N 35°27'22"W

632.68'

B.R.L.

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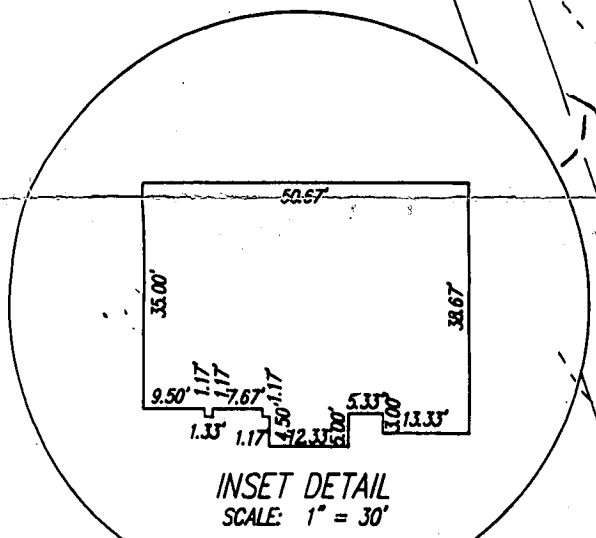
4000'

Notes:

1. Lot shown contains 3.038 acres 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 survey by G.L.W., P.A.
6. Install sediment controls as required by Site Inspector.
7. Disturbed area shown is approximately 17,000s.f.
8. Pile excavated material on high side of trench when installing septic field prior to disposal of excess material.
 Length of trench for septic system to be determined and specified by Howard County Department of Health.

SEPTIC SYSTEM DATA:

BASEMENT FLOOR ELEV = 537.20
 INV. OUT OF HOUSE = 535.70
 INV. IN AT SEPTIC TANK = 534.25
 INV. OUT AT SEPTIC TANK = 534.00
 EX. ELEV. AT SEPTIC TANK = 538.38
 PROP. ELEV. AT SEPTIC TANK = 538.38
 INV. IN AT DIST. BOX = 533.00
 EX. ELEV. AT DIST. BOX = 537.00



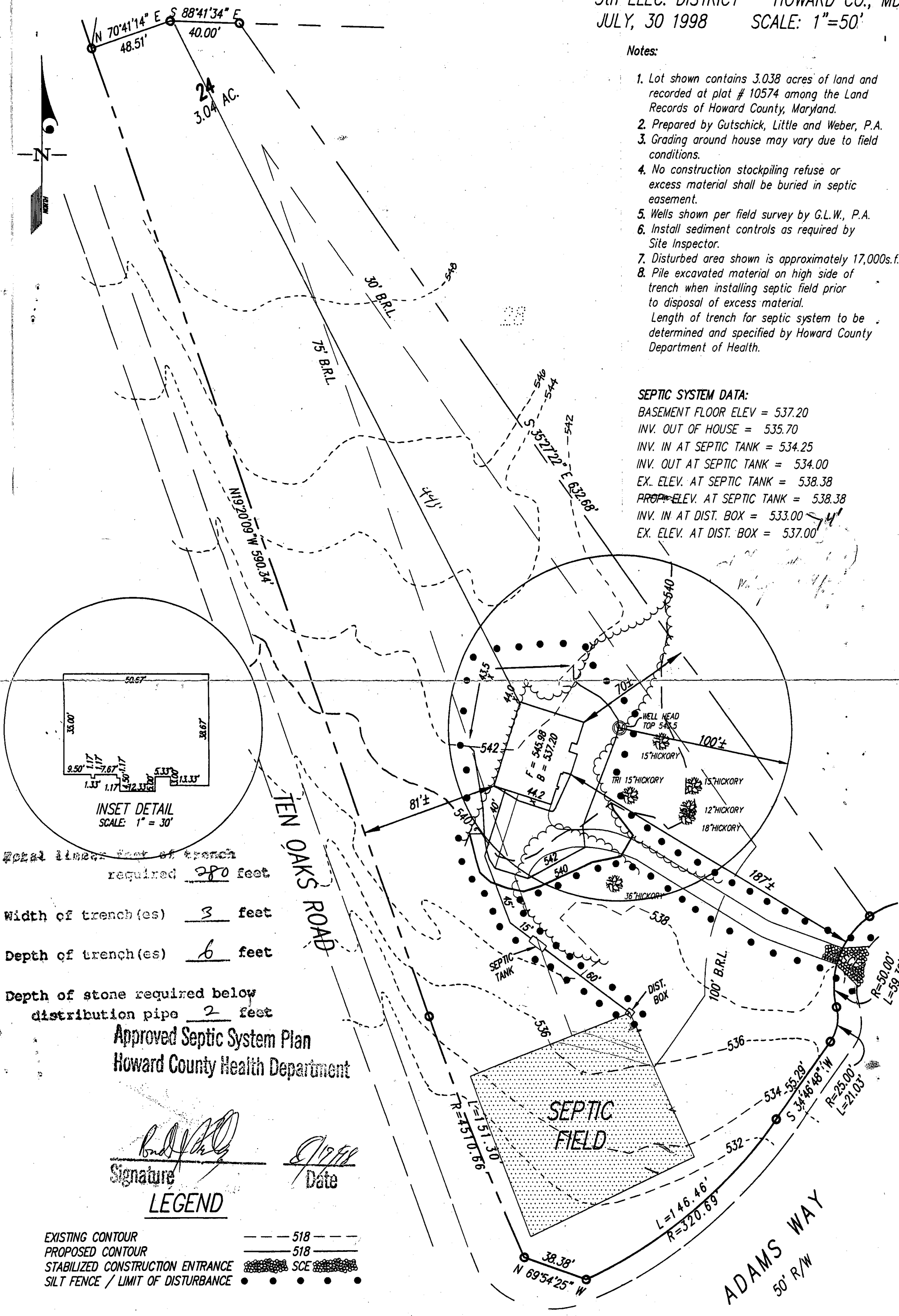
Total linear feet of trench required 280 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 6 feet
 Depth of stone required below distribution pipe 2 feet

Approved Septic System Plan
 Howard County Health Department

[Signature]
 Signature
[Date]
 Date

LEGEND

- EXISTING CONTOUR 518
- PROPOSED CONTOUR 518
- STABILIZED CONSTRUCTION ENTRANCE SCE
- SILT FENCE / LIMIT OF DISTURBANCE



ADAMS WAY
 50' R/W

TEN OAKS ROAD

A42219

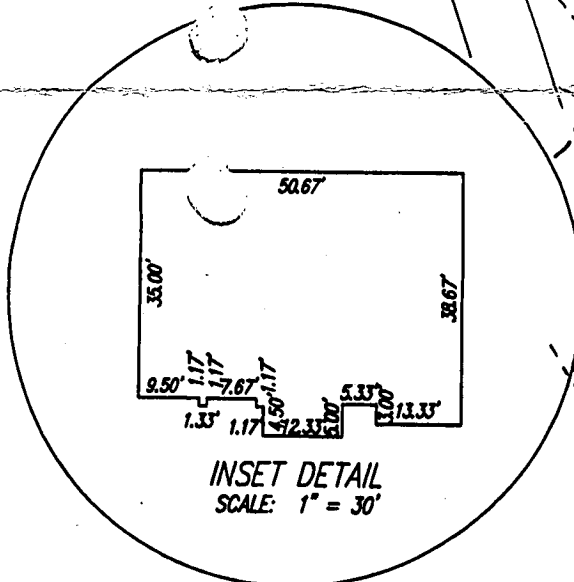
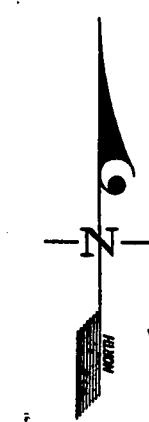
LOT 24
 ADAM'S REACH SUBDIVISION
 5th ELEC. DISTRICT HOWARD CO., MD
 JULY, 30 1998 SCALE: 1"=50'

Notes:

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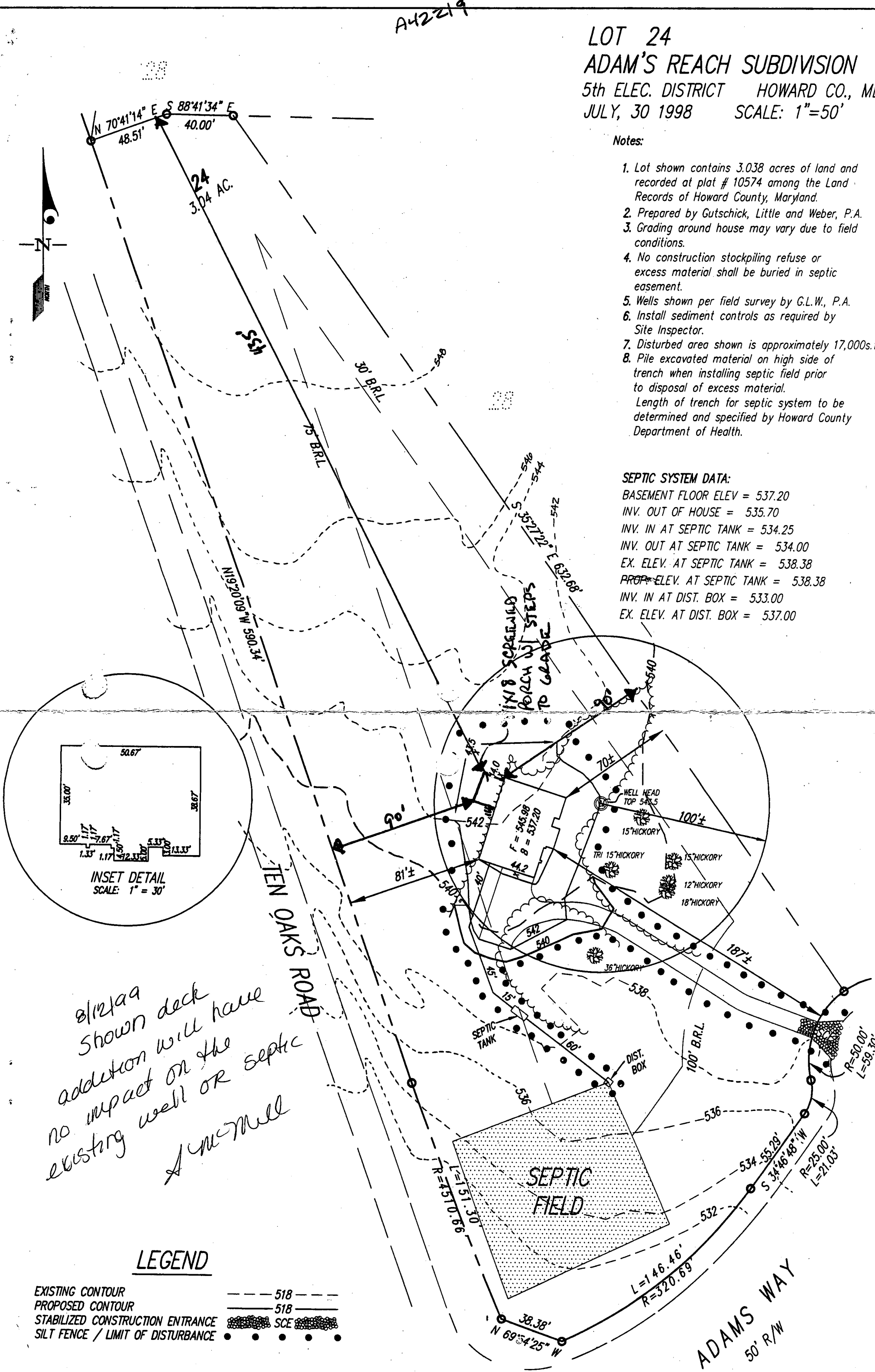
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 PROP. ELEV. AT SEPTIC TANK = 538.38
 INV. IN AT DIST. BOX = 533.00
 EX. ELEV. AT DIST. BOX = 537.00



8/12/99
 shown deck
 addition will have
 no impact on the
 existing well OR septic
 A McMill

LEGEND

- EXISTING CONTOUR 518
- PROPOSED CONTOUR 518
- STABILIZED CONSTRUCTION ENTRANCE SCE
- SILT FENCE / LIMIT OF DISTURBANCE



B 1 6819

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1558

fill in this form completely

Date Received (APA) 5-15-98

OWNER INFORMATION RN 7450

Phillips Stevens Assoc
3991 National Pike
Burtonsville, Md. 20866

LOCATION OF WELL

Howard
Adam's Reach
Clarksville
MILES FROM TOWN (enter 0 if in town) 1

DRILLER INFORMATION

George F. Easterday
L. Franklin Easterday, Inc.
9265 Brown Church Rd., MT. Airy, Md. 21771

ADAM'S WAY (5700)

Direction of well from town (circle box)
ON WHICH SIDE OF ROAD (circle appropriate box)
DISTANCE FROM ROAD 170 Ft.

WELL INFORMATION

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

USE FOR WATER (circle appropriate box)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard
A 42219
STATE SIGNATURE Kim Maule 5-28-99
NORTH GRID 502 000 EAST GRID 811 000

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

METHOD OF DRILLING (circle one)

AIR-ROTARY
CABLE
JETTED
ROTARY (Hydraulic Rotary)
Drive-POINT

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

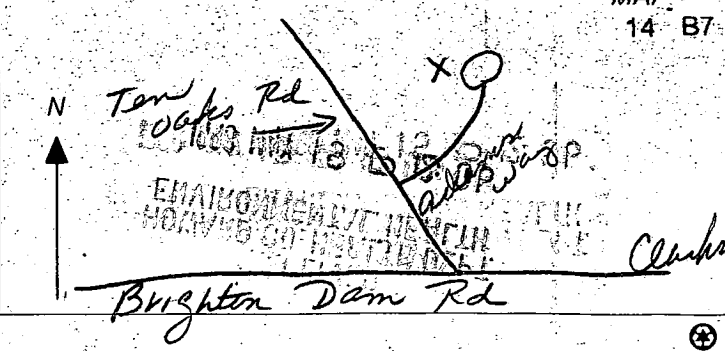
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54
PERMIT No. HO-94-1558

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER 1. wells

WRITE THE BOX NUMBER FROM THE MAP HERE
E 811
N 500

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



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

