

11/17/98  
C.O. 1 Dam

04-351045

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511089

A 43255

DISTRICT 4th

DATE 11/5/98

DATE SYSTEM APPROVED 11/17/98

INSPECTOR DLS

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 410-313-2640

## INDEXED

C & C Utility Service, Inc. IS PERMITTED TO INSTALL X ALTER       

ADDRESS 7398 Gaither Road Sykesville, MD 21784 PHONE (410) 549-4987

SUBDIVISION Cattail Creek County Club LOT 15 ROAD 3633 Broadleaf Court

PROPERTY OWNER Scott Harding MIKE RICKLAND

ADDRESS       

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Starting from the breakpoint in the right lot line (204.33'/254.61' intersection); place the distribution box 40 feet down the 254.61' lot line and 115 feet off this same lot line. Run trenches on contour to left side of lot.

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

*OK KM 8/28/98*

PLANS APPROVED BY Mark Rifkin DATE 8/25/98

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

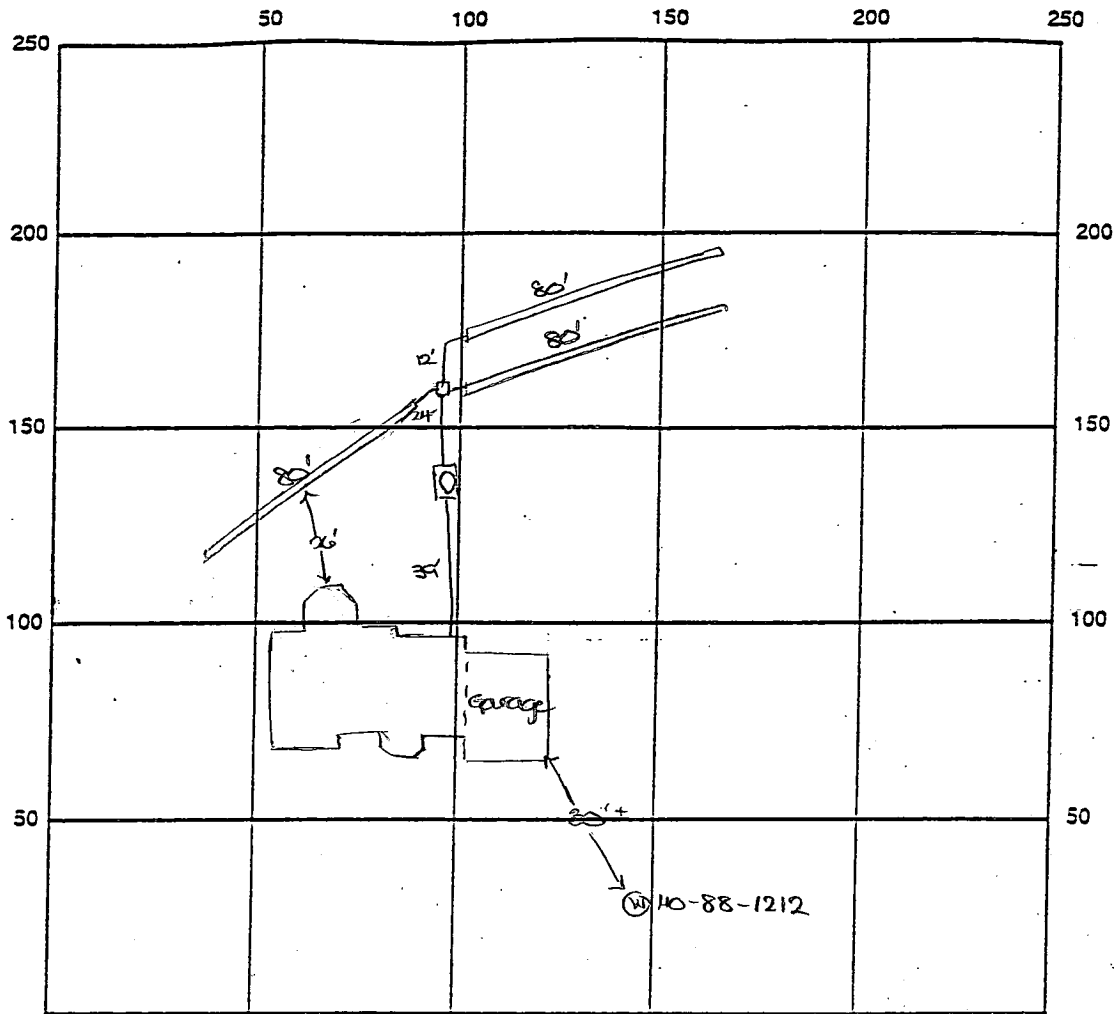
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED  
AND RETURNED 233 99  
*Scott Bost 11/15/98*  
*per permit*

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

43255



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Brookleaf Court

SEPTIC TANK LEVEL OK - 1500 gal CLEANOUTS manhole on sit.

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 3 x 80 FT. → 240'

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

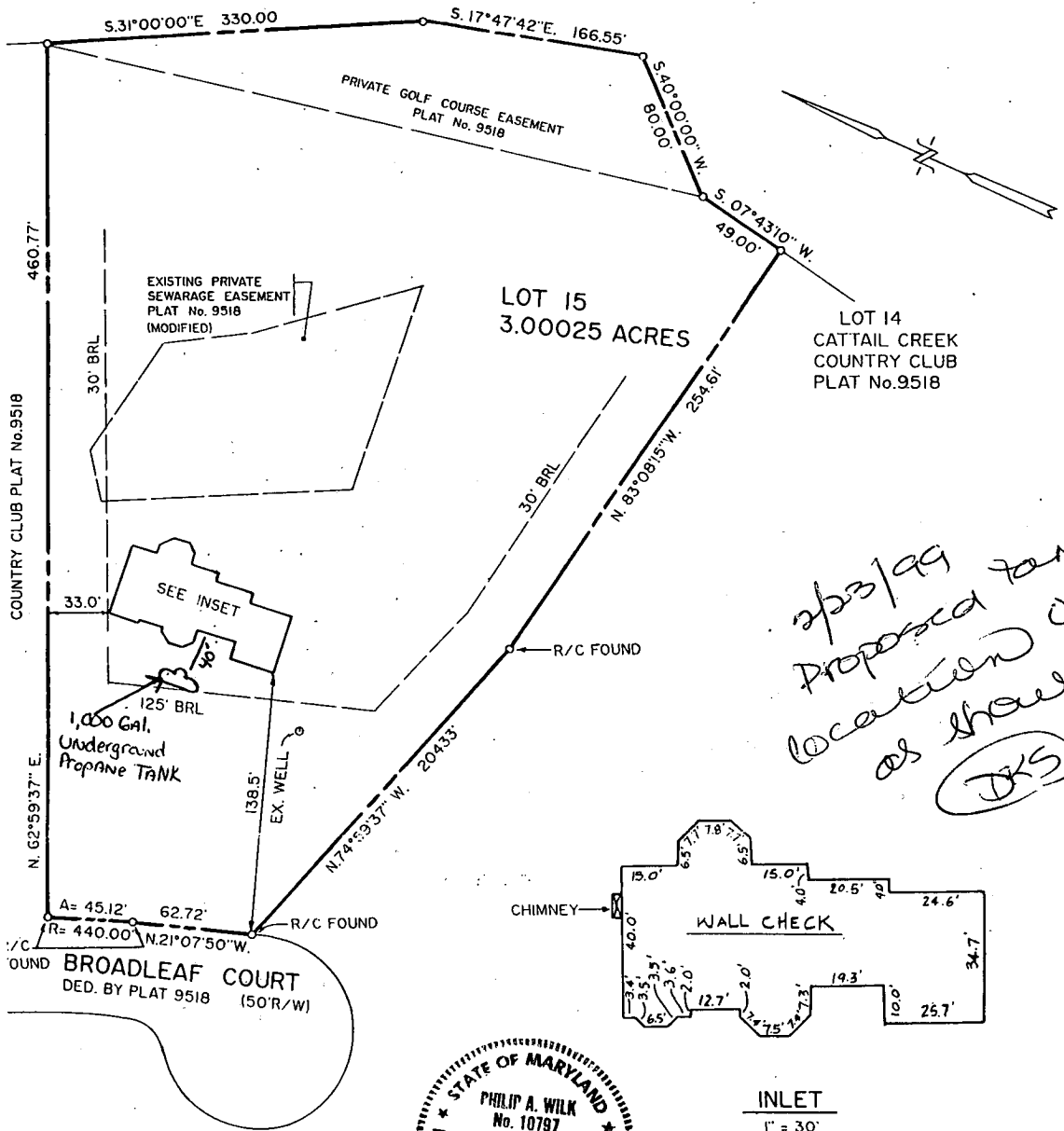
ABSORBENT AREA — SQ. FT.

REMARKS: 11/17/98 FINAL INSP - OK to cover all work. DKS  
11/19/98 WPI ok to cover, P.A. 5' below grade, casing 1.5' above grade,  
will get 2 piece cap, line steered out of house (KM)

DATE SYSTEM APPROVED 11/17/98

INSPECTOR [Signature]

LOT 36 GOLF COURSE  
OPEN SPACE PLAT No.9518



2/23/99  
Proposed tank  
location OK  
as shown  
**(DKS)**



R/C = REBAR & CAP

**SURVEYOR'S CERTIFICATION**

WE HEREBY CERTIFY TO THE BEST OF OUR PROFESSIONAL BELIEF AND KNOWLEDGE THAT THE PLAN SHOWN HEREON IS CORRECT; THAT THE PROPERTY IS AS DELINEATED ON THE SAID PLAT OF SUBDIVISION; THAT THE IMPROVEMENTS WERE LOCATED ON **SEPT. 17, 1998** BY ACCEPTABLE SURVEY PRACTICES.

**SEPT. 20, 1998**  
DATE

BY: *Philip A. Wilk* RLS  
PHILIP A. WILK, RLS MD. REG. # 10797

**NOTES:**

PROPERTY CORNERS ARE NOT GUARANTEED BY THIS SURVEY UNLESS SHOWN.

**LOCATION OF IMPROVEMENTS**

LOT 15  
**CATTAIL CREEK  
COUNTRY CLUB**  
PLAT No. 9518

4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1 in. = 60 ft. SEPT, 1998

# APPLICATION

PERCOLATION TESTING

A 43255

P \_\_\_\_\_

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

DISTRICT 4

DATE 12/9/88

TO THE COUNTY HEALTH OFFICER

ELICOTT CITY, MARYLAND

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

PROPER OWNER Egwood Farm Inc C/O Land Design + Development *Scott Harding*

ADDRESS 8307 Main St PHONE 461-4600

PROSPECTIVE BUYER N/A

ADDRESS \_\_\_\_\_ PHONE 15 final

PROPERTY LOCATION:

SUBDIVISION Clark Sycamore Valley LOT NO. ~~18~~ New #14

ROAD AND DESCRIPTION Roxbury + Dorsey Mill

(3633 Broadleaf Court)

TAX MAP 21 PARCEL # 6

BLDG. PERMIT SIGNED

AND RETURNED 8-24-98

Serial # B70113170

SIZE OF LOT - 6.0 AC. TYPE BLDG. SFD - 4Bem

(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. *Mal D. Per*

(SIGNATURE OF APPLICANT)

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

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

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

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

HD-216

# THIS IS NOT A PERMIT

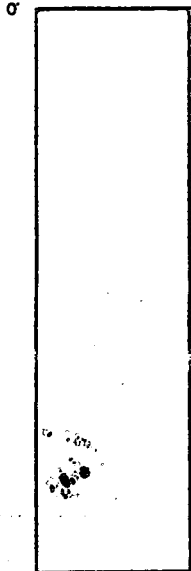
#  
A43255

New # 14

18

See  
#19

SOIL PROFILE



See <u>#19</u>				

Inlet 5'  
5 minutes  
average

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

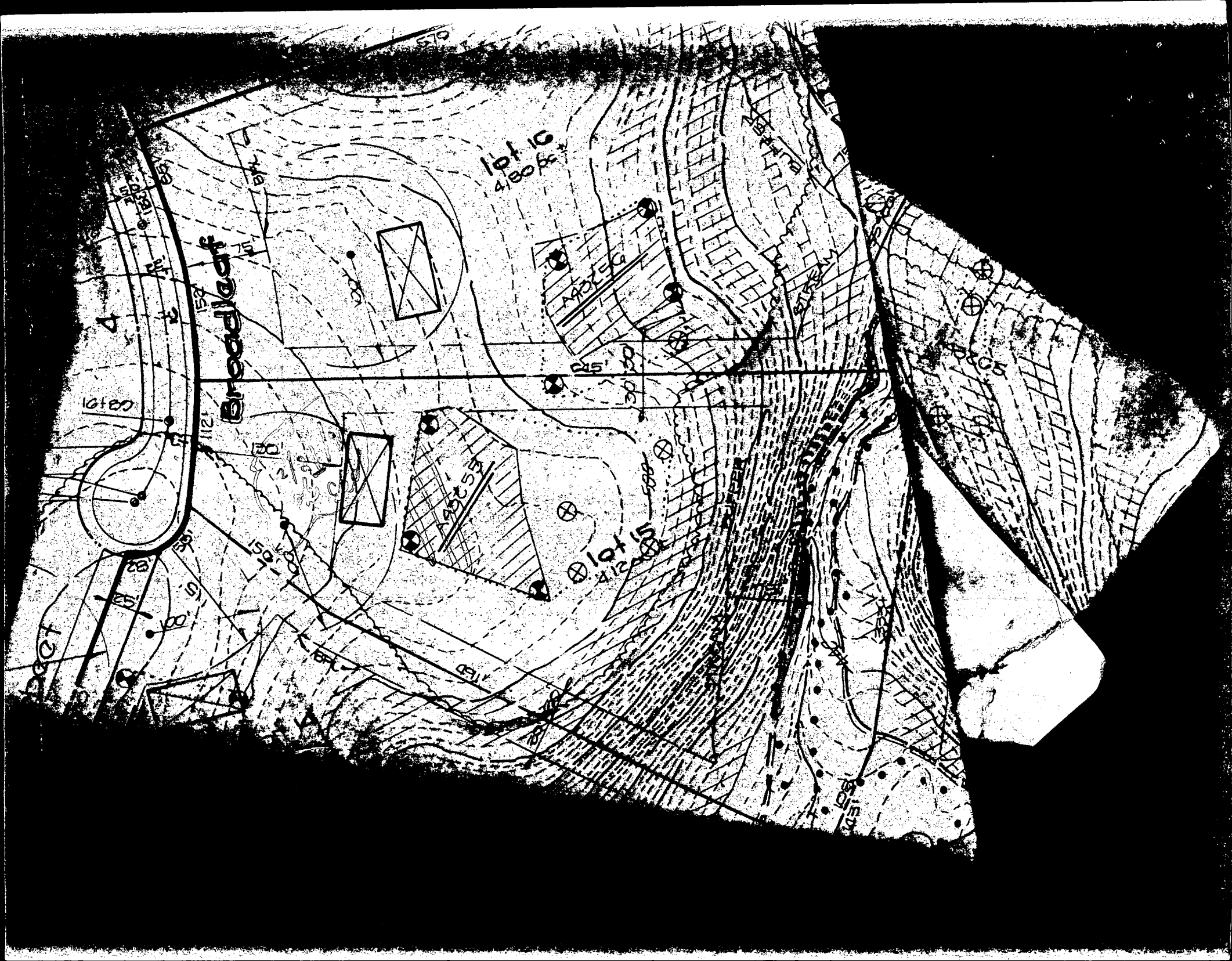
REMARKS \_\_\_\_\_

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

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_







Breadleaf

Lot 10  
4,800 sq. ft.

Lot 11  
4,800 sq. ft.

Lot 12  
4,800 sq. ft.

Lot 13  
4,800 sq. ft.

Lot 14  
4,800 sq. ft.

Lot 15  
4,800 sq. ft.

Lot 16  
4,800 sq. ft.

Lot 17  
4,800 sq. ft.

Lot 18  
4,800 sq. ft.

Lot 19  
4,800 sq. ft.

Lot 20  
4,800 sq. ft.

Lot 21  
4,800 sq. ft.

Lot 22  
4,800 sq. ft.

Lot 23  
4,800 sq. ft.

Lot 24  
4,800 sq. ft.

Lot 25  
4,800 sq. ft.

Lot 26  
4,800 sq. ft.

Lot 27  
4,800 sq. ft.

Lot 28  
4,800 sq. ft.

Lot 29  
4,800 sq. ft.

Lot 30  
4,800 sq. ft.

Lot 31  
4,800 sq. ft.

Lot 32  
4,800 sq. ft.

Lot 33  
4,800 sq. ft.

Lot 34  
4,800 sq. ft.

Lot 35  
4,800 sq. ft.

Lot 36  
4,800 sq. ft.

Lot 37  
4,800 sq. ft.

Lot 38  
4,800 sq. ft.

Lot 39  
4,800 sq. ft.

Lot 40  
4,800 sq. ft.

Lot 41  
4,800 sq. ft.

Lot 42  
4,800 sq. ft.

Lot 43  
4,800 sq. ft.

Lot 44  
4,800 sq. ft.

Lot 45  
4,800 sq. ft.

Lot 46  
4,800 sq. ft.

Lot 47  
4,800 sq. ft.

Lot 48  
4,800 sq. ft.

Lot 49  
4,800 sq. ft.

Lot 50  
4,800 sq. ft.

Lot 51  
4,800 sq. ft.

Lot 52  
4,800 sq. ft.

Lot 53  
4,800 sq. ft.

Lot 54  
4,800 sq. ft.

Lot 55  
4,800 sq. ft.

Lot 56  
4,800 sq. ft.

Lot 57  
4,800 sq. ft.

Lot 58  
4,800 sq. ft.

Lot 59  
4,800 sq. ft.

Lot 60  
4,800 sq. ft.

Lot 61  
4,800 sq. ft.

Lot 62  
4,800 sq. ft.

Lot 63  
4,800 sq. ft.

Lot 64  
4,800 sq. ft.

Lot 65  
4,800 sq. ft.

Lot 66  
4,800 sq. ft.

Lot 67  
4,800 sq. ft.

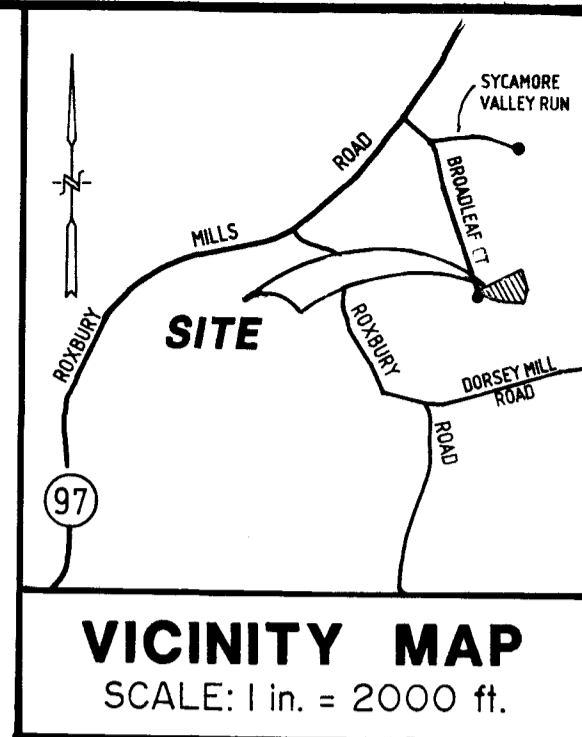
# SEPTIC DISPOSAL SYSTEM

LOT	No. OF BEDROOMS	TEST SITE	DEPTH OF TEST	TEST SITE	DEPTH OF TEST	TEST SITE	DEPTH OF TEST	INVERT LOWEST FIXTURE	SEPTIC TANK		INVERT BEGIN FIELD	LENGTH INITIAL SYSTEM	LENGTH ENTIRE SYSTEM	DEPTH OF STONE	REMARKS
									INV. IN	INV. OUT					
15	4							495.5'	492.7'	492.6'	492.5'	240'	1004'		*

\* INV. AT DISTRIBUTION BOX = 492.5'  
 INV. OUT AT HOUSE = 493.68' LOT 36  
 of 3/16" PER GOLF COURSE  
 FOOT FALL OPEN SPACE  
 PLAT No. 9518

## GENERAL NOTES:

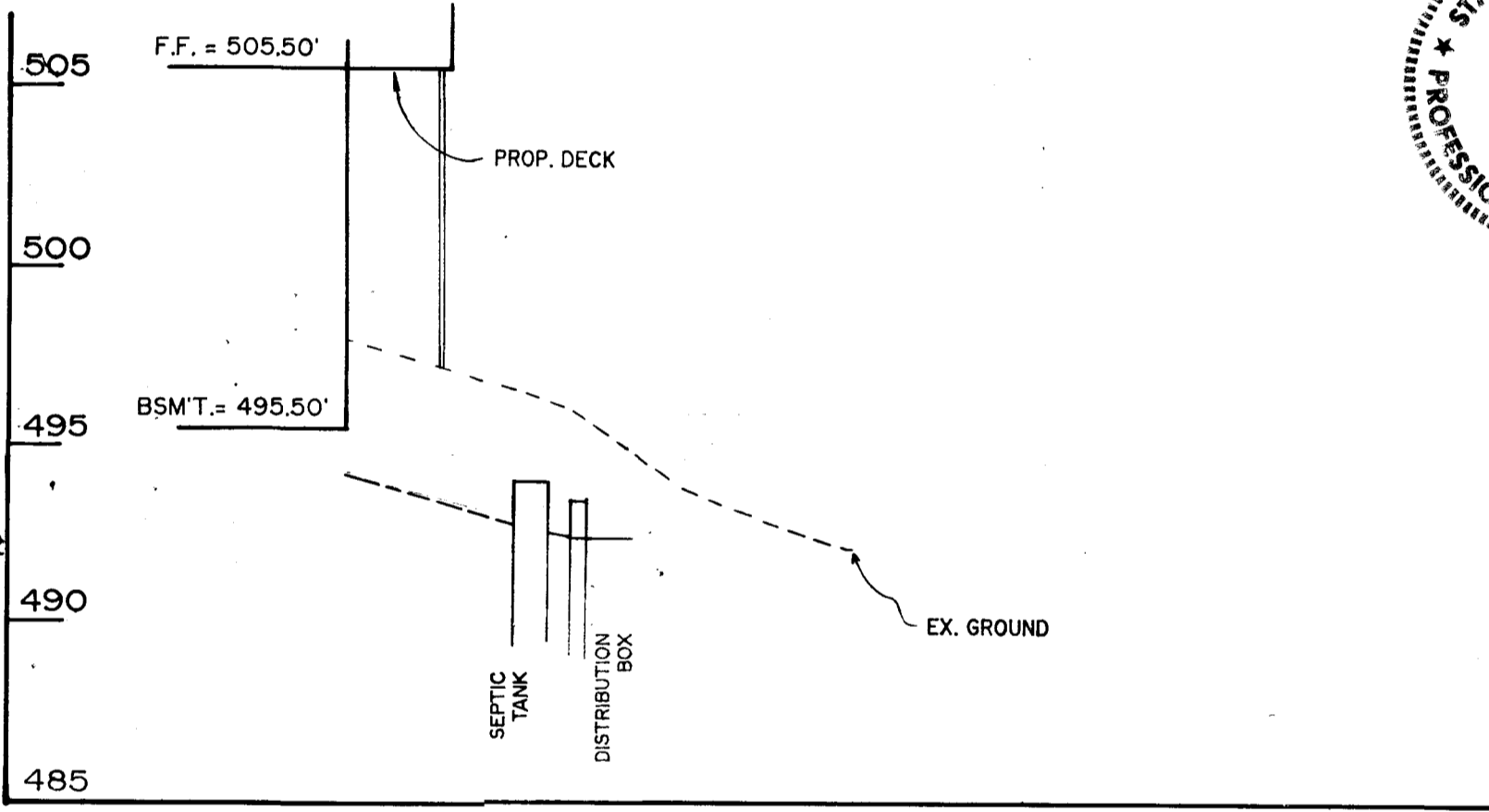
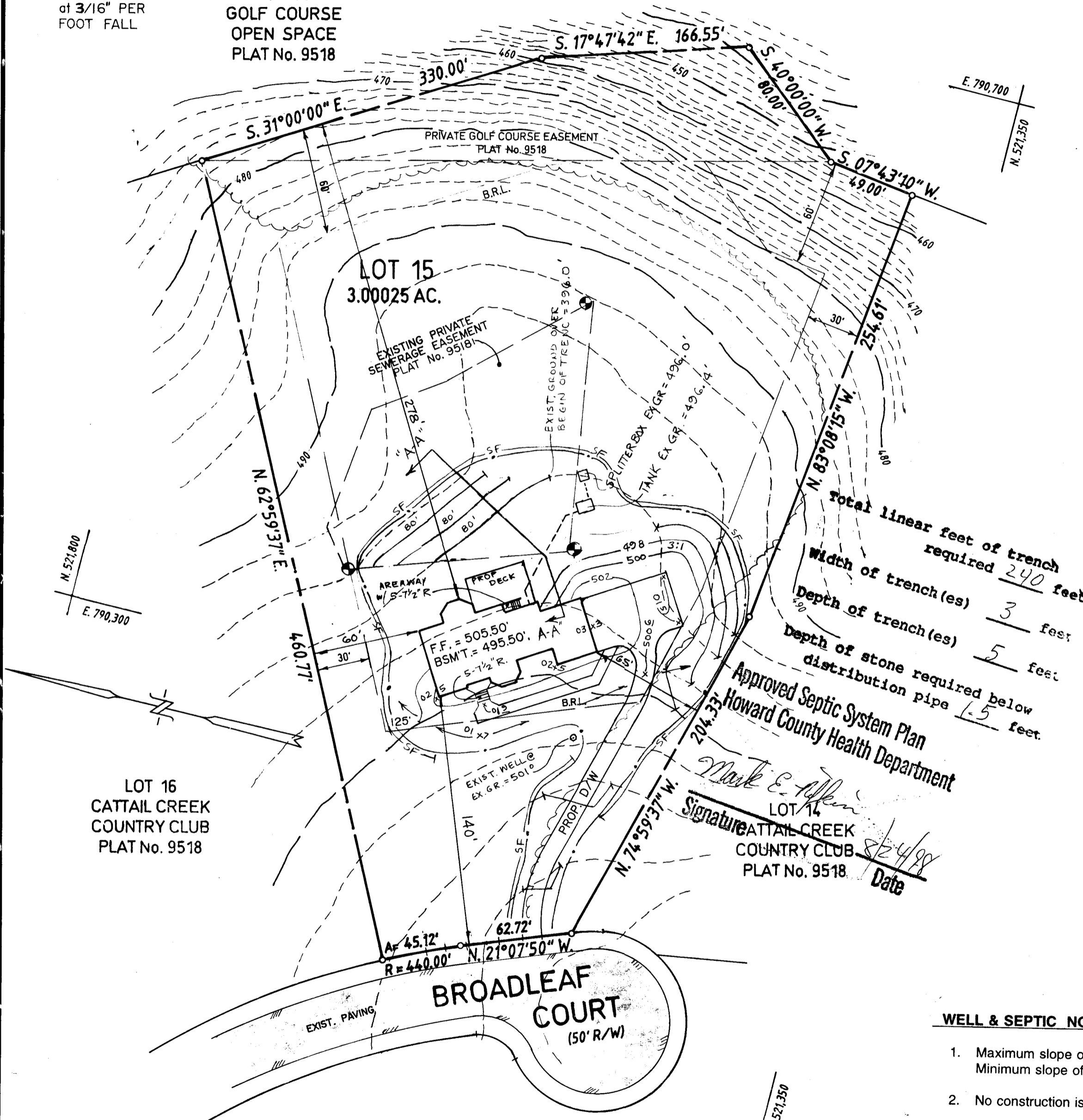
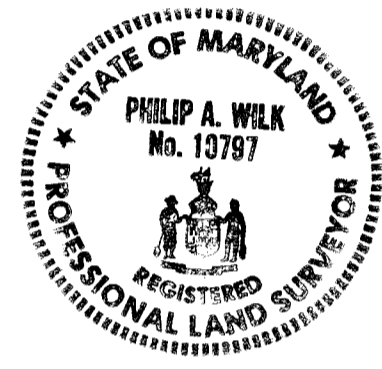
- Boundary is as shown on a plat of subdivision entitled "CATTAIL CREEK COUNTY CLUB, Lots 1-36, Sheet 6 of 7" and recorded among the Land Records of Howard County, Maryland, as Plat No. 9518. The topography is shown from information provided by the client.
- PROPERTY INFORMATION:  
 a. Election District: 4  
 b. Tax Map: 21; Blocks 9, 10, 15 & 16; Parcel 6  
 c. Zoning: R
- SETBACKS: Front: 125'; Side: 30'; Rear: 60'
- Proposed design information is shown thus:  
 Spot Elevations = 98x5 or 985x  
 Contours =   
 Swales =   
 Limits of Disturbance = L.O.D.



## SURVEYOR'S CERTIFICATION:

I hereby certify to the best of my knowledge, information and professional belief that the measurements shown hereon are actual and correct for this property.

*Philip A. Wilk* Date 07-17-98  
 Philip A. Wilk  
 Professional Land Surveyor  
 Maryland Reg. No. 10797



SECTION "A-A"

HORZ. 1" = 50'  
 VERT. 1" = 5'

Approved Septic System Plan  
 Howard County Health Department  
 Signature: *Mark E. Allen*  
 Date: 8/24/98

## WELL & SEPTIC NOTES:

- Maximum slope of sewer pipes: 1/4" per 1 foot.  
 Minimum slope of sewer pipes: 1/8" per 1 foot.
- No construction is to impact sewage easement, including driveways.
- Per General Note No. 1 on Plat No. 9513, the individual sewage disposal system shall become null and void upon connection to a public sewerage system. The Health Officer has authority to grant variances for encroachments into the private sewerage system without recording the modified sewerage system.

## LEGEND:

- L.O.D. = Limits of Disturbance
- S.F. = Silt Fence
- PROP. = Proposed
- B.R.L. = Building Restriction Line
- F.F. = First Floor Elevation
- BSM.T. = Basement Elevation
- 98x0 or 985x = Prop. Grade

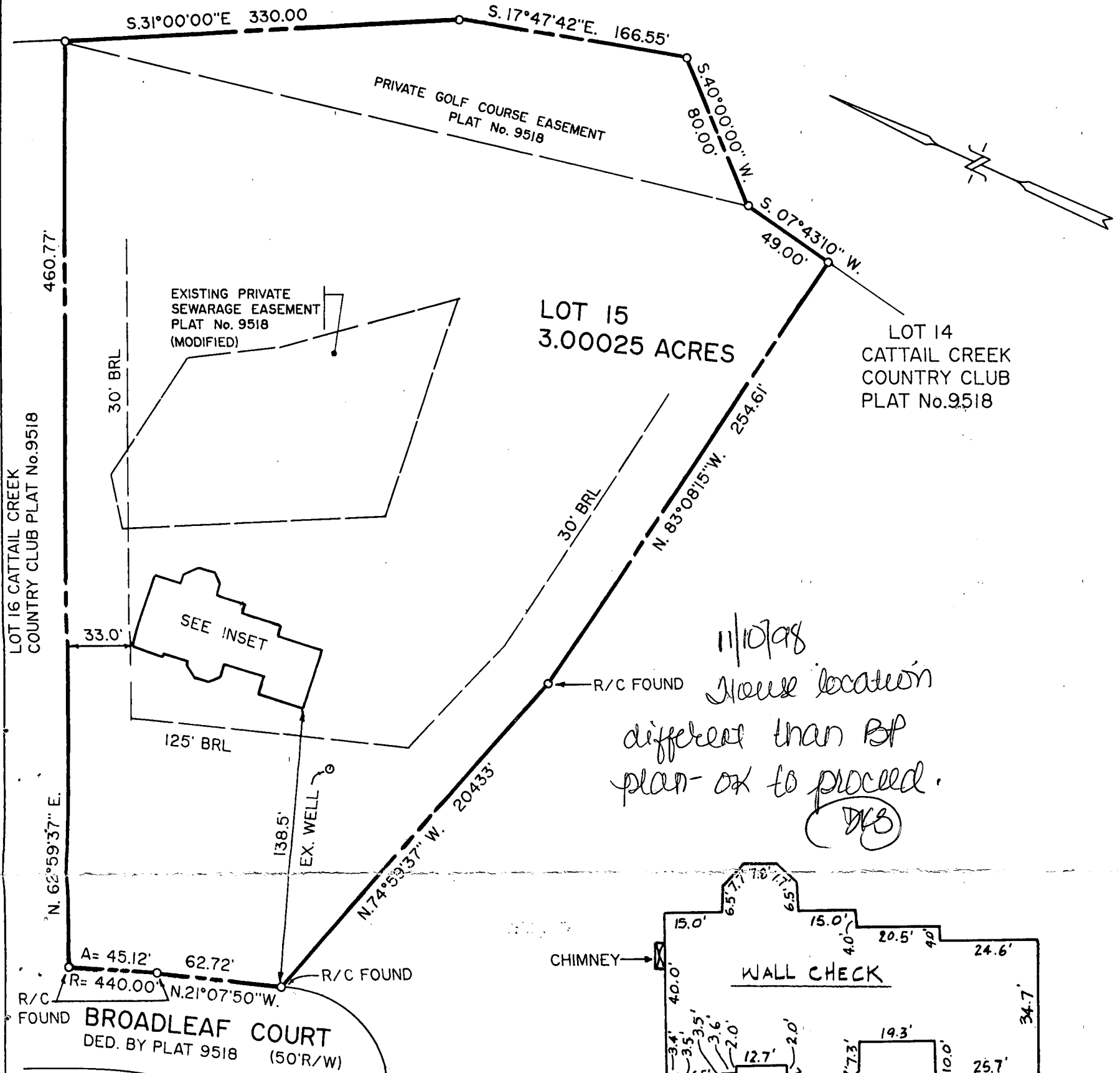
No.	REMARKS	BY	DATE
3	REVISED GRADES & SEPTIC LAYOUT & DRIVEWAY LOCATION	PAW	8-21-98
2	REV. HOUSE LOCATION & SEPTIC LOCATION	PD	8-18-98
1	REV. L.O.D.; ADDED PERMIT #, ADDRESS, LEGEND	PAW	7-22-98

SITE ADDRESS:  
 3633 BROADLEAF COURT  
 GLENWOOD, MARYLAND 21738

SITE PLAN  
 LOT 15  
 CATTAIL CREEK COUNTRY CLUB  
 PLAT No. 9518  
 4th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1 in. = 50 ft. JULY, 1998

**A.E.S. ASSOCIATES**  
 Surveying, Land Planning and Consulting Services  
 17631 Goose Creek Road  
 Olney, Maryland 20832-3994  
 301-570-0350 Fax: 301-570-3994  
 A.E.S. Job No. H009A10 .001

LOT 36 GOLF COURSE  
OPEN SPACE PLAT No.9518



LOT 16 CATTAIL CREEK  
COUNTRY CLUB PLAT No.9518

EXISTING PRIVATE  
SEWARAGE EASEMENT  
PLAT No. 9518  
(MODIFIED)

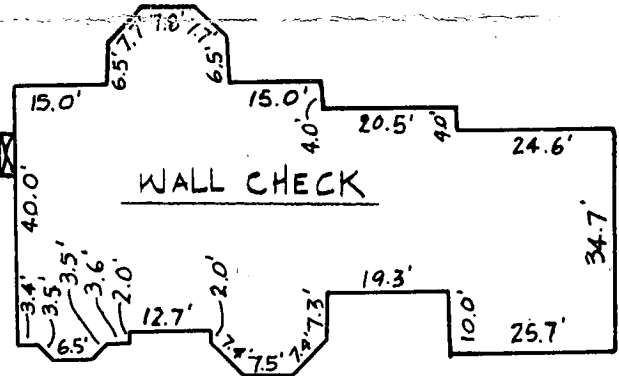
LOT 15  
3.00025 ACRES

LOT 14  
CATTAIL CREEK  
COUNTRY CLUB  
PLAT No.9518

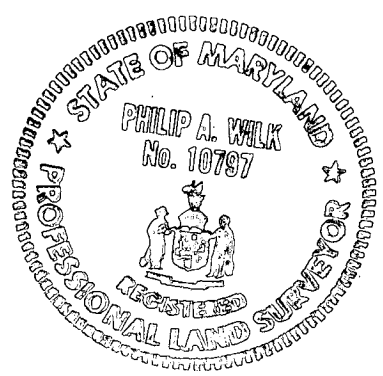
SEE INSET

11/10/98  
New location  
different than BP  
plan - ok to proceed.  
(D/S)

BROADLEAF COURT  
DED. BY PLAT 9518 (50'R/W)



INLET  
1" = 30'



R/C = REBAR & CAP

**SURVEYOR'S CERTIFICATION**

WE HEREBY CERTIFY TO THE BEST OF OUR PROFESSIONAL BELIEF AND KNOWLEDGE THAT THE PLAN SHOWN HEREON IS CORRECT; THAT THE PROPERTY IS AS DELINEATED ON THE SAID PLAT OF SUBDIVISION; THAT THE IMPROVEMENTS WERE LOCATED ON **SEPT. 17, 1998** BY ACCEPTABLE SURVEY PRACTICES.

**SEPT. 20, 1998**  
DATE

BY: *Philip A. Wilk*  
PHILIP A. WILK, RLS MD. REG. # 10797

**NOTES:**

- PROPERTY CORNERS ARE NOT GUARANTEED BY THIS SURVEY UNLESS SHOWN.
- THE PROPERTY SHOWN HEREON DOES NOT LIE WITHIN ANY SPECIAL FLOOD HAZARD AREA AS ESTABLISHED BY F.E.M.A. ON THE NATIONAL FLOOD INSURANCE RATE MAPS FOR HOWARD COUNTY, COMMUNITY PANEL NO. 240044 0020 B AND DATED REVISED DEC. 04, 1986
- THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- TEMPORARY SLOPE EASEMENTS, IF ANY, ALONG STREETS ARE NOT SHOWN.

**LOCATION OF IMPROVEMENTS**

LOT 15  
**CATTAIL CREEK  
COUNTRY CLUB**  
PLAT No. 9518

4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1 in. = 60 ft. SEPT. 1998

**A.E.S. ASSOCIATES**

Planners • Surveyors • Consultants  
17631 Goose Creek Road  
Olney, Maryland 20832  
Tele: 301-570-0350 Fax: 301-570-3994  
A.E.S. Job No. HO 09A10.KRLD.001

UTILIZING MODERN TECHNOLOGY TO PROVIDE BETTER THAN THAT "OLD FASHION QUALITY" SERVICE ©

**C1** **1350** SEQUENCE NO. (DENY USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**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 **A # 43255**

ST/CO USE ONLY  
 DATE RECEIVED

DATE WELL COMPLETED  
**05-31-70**

Depth of Well  
**165**  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**10-88-1212**

OWNER **CYCAMORE VALLEY PARTNERSHIP**  
 STREET OR RFD **BOARD LEAF COURT** TOWN **GLENELG**  
 SUBDIVISION **CYCAMORE VALLEY** SECTION **1** LOT **15**

**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		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Shale	2	30	
Sandstone	30	35	<input checked="" type="checkbox"/>
M.I.K.A.	35	50	
Sandstone	50	55	<input checked="" type="checkbox"/>
M.I.K.A.	55	90	
Sandstone	90	95	<input checked="" type="checkbox"/>
M.I.K.A.	95	165	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED  YES  NO  
 (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **45** NO. OF POUNDS **800**  
 GALLONS OF WATER **70**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **35** ft.  
 (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) **6** Total depth of main casing (nearest foot) **58**

**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

**C2**  
 DEPTH (nearest ft.)  
 EACH SCREEN 1 **110** 2 **58** 3 **121**  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) W Q  
 70 72 74 75 76  
 TELESCOPE LOG OTHER DATA  
 CASING INDICATOR

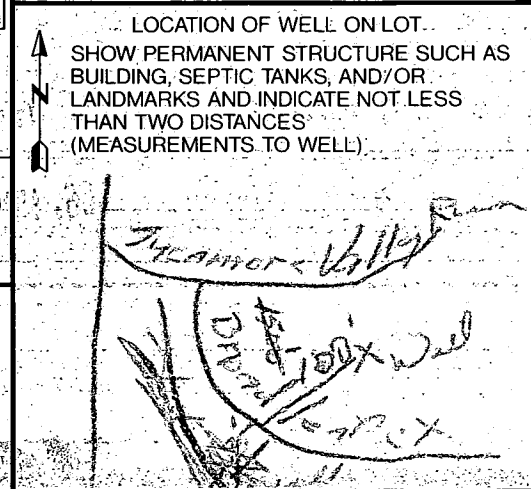
**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **5**  
 PUMPING RATE (gal. per min. to nearest gal.) **1**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **17** WHEN PUMPING **19**  
 TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S submersible

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES  NO  
 (CIRCLE) (YES or NO)  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:  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)

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **453**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



B 1 **2191** SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

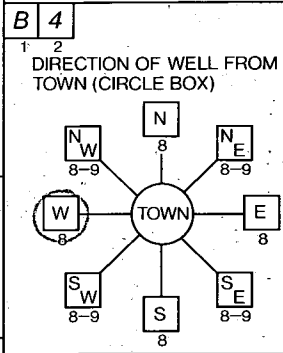
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-88-1212**  
 fill in this form completely

4. Date Received (APA) **1/10/89** OWNER INFORMATION  
**SYCAMORE VALLEY PART**  
 15 Last Name 21 Owner 27 First Name 34  
**8307 MAIN STREET**  
 36 Street or RFD 55  
**ELLICOTT CITY MD 21403**  
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**SYCAMORE VALLEY** SUBDIVISION  
 SECTION **1** LOT **15**  
**ALNELA** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION  
 Driller's Name **Frank Delph** 77 License No. 80  
 Firm Name **Frank Delph Well Drillers Inc**  
 Address **18234 Penn Shop Rd Mt Airy Md**  
 Signature **Frank Delph** Date **10/23/89**



**Broad Leaf Ct** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH  WEST  EAST  SOUTH   
 DISTANCE FROM ROAD **160**  
 ENTER FT OR MI **+**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
 COUNTY NAME **HOWARD** COUNTY NO. **043255**  
 STATE SIGNATURE \_\_\_\_\_ DATE ISSUED \_\_\_\_\_  
**022280** Charles Benjamin Thomas 10/22/90  
 NORTH GRID **523000** EAST GRID **0790000**

APPROXIMATE DEPTH OF WELL **200** FEET

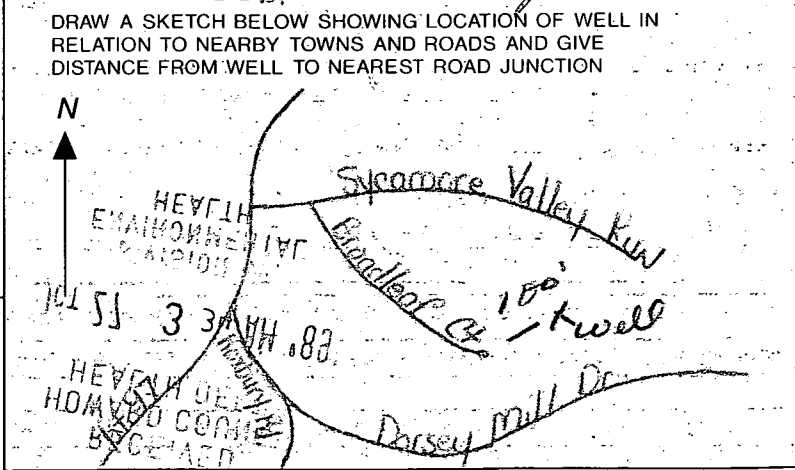
APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 AIR-ROTary AIR-Percussion **ROTARY (Hydraulic Rotary)**  
 CABLE REVerse-ROtary Drive-POINT  
 other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. Well  
 2.  
 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
 E **788 90**  
 N **528 3**

5/3/90 9800 Well already grouted with 8" Bags of cement 30' casing 35' open  
 C. B. Thomas  
 Tag on set 10/22/90

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_



Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE **CM** PERMIT No. **HO-88-1212**

SPECIAL CONDITIONS

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer Charles W. Small Inc

Telephone 301-926-7464

License Number 1890

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner Scott Harding

Telephone 301-253-1412

Subdivision Cattail Creek Schot # 13  
Site Address 3633 Broadleaf CT

Well Tag # HO-38-1212

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible

Motor

- 1. Horsepower 3/4
- 2. RPM \_\_\_\_\_
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220

Pitless Adapter

- 1. Make Campbell
- 2. Model # BP10X
- 3. Depth 4'

2. Make Jacuzzi

3. Model # \_\_\_\_\_

4. Capacity 9 GPM

5. Pump exceeds well capacity Yes \_\_\_\_\_ No

6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other \_\_\_\_\_

Tank

- 1. Capacity 80 gal WY-250
- 2. Pressure relief valve? yes

Piping

- 1. Type Poly
- 2. Size 1 1/2"
- 3. NSF and/or BOCA Code approved yes
- 4. Depth of supply line 42'

Well data

- 1. Depth 165 ft.
- 2. Yield 9 GPM
- 3. Static water level 28 ft.
- 4. Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

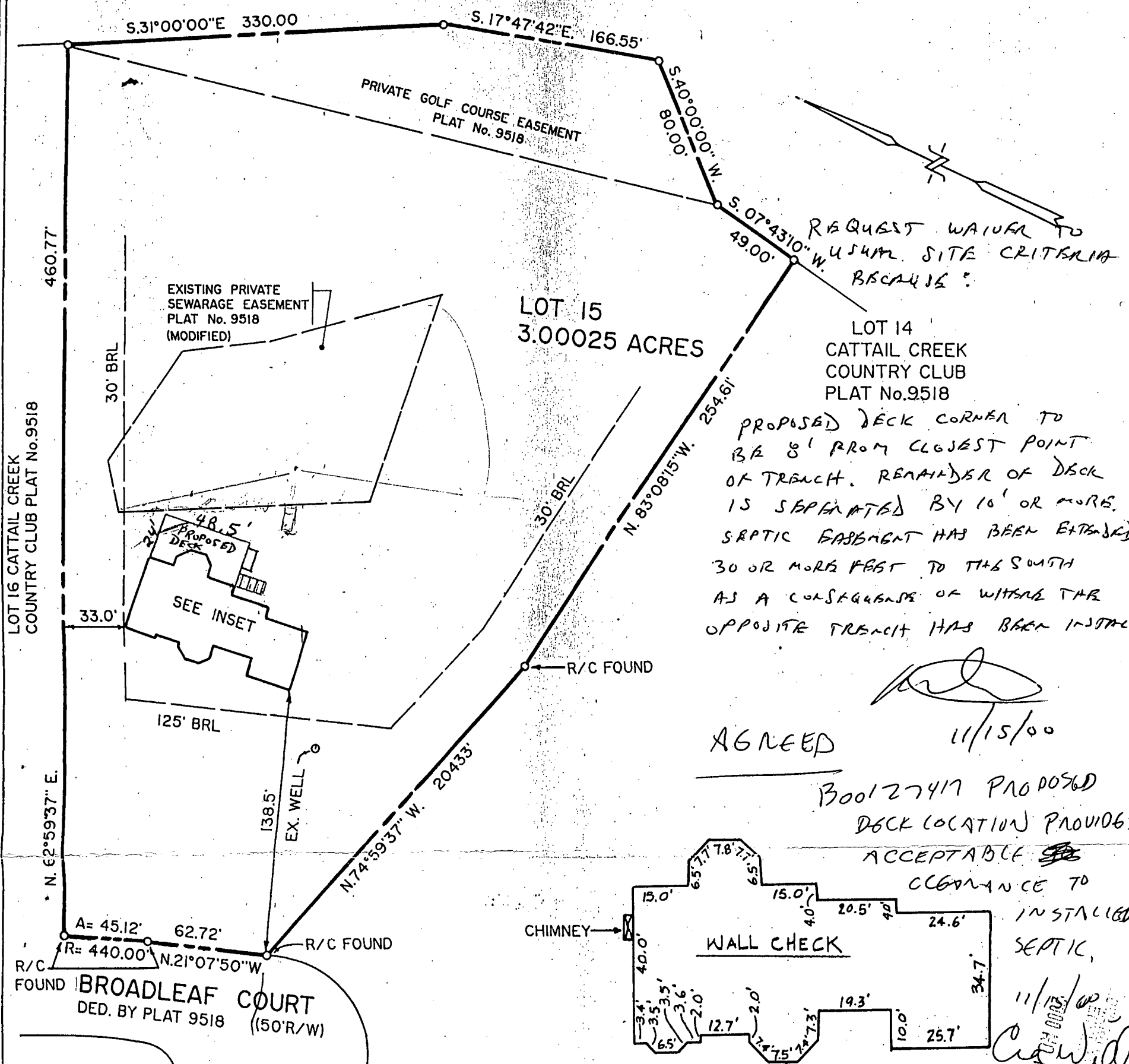
All information given above is true to the best of my knowledge.

Signature of Applicant: Charles W. Small Inc

Date: 6/10/99

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

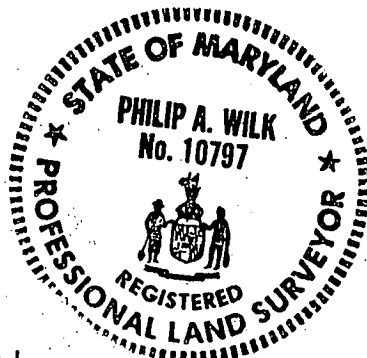
LOT 36 GOLF COURSE  
OPEN SPACE PLAT No.9518



AGREED 11/15/00

300127417 PROPOSED DECK LOCATION PROVIDES ACCEPTABLE CLEARANCE TO INSTALLED SEPTIC.

11/15/00  
C. Wilk



**SURVEYOR'S CERTIFICATION**

WE HEREBY CERTIFY TO THE BEST OF OUR PROFESSIONAL BELIEF AND KNOWLEDGE THAT THE PLAN SHOWN HEREON IS CORRECT; THAT THE PROPERTY IS AS DELINEATED ON THE SAID PLAT OF SUBDIVISION; THAT THE IMPROVEMENTS WERE LOCATED ON SEPT.17,1998 BY ACCEPTABLE SURVEY PRACTICES.

SEPT. 20, 1998  
DATE

BY: *Philip A. Wilk, RLS*  
PHILIP A. WILK, RLS MD. REG. # 10797

NOTES:

PROPERTY CORNERS ARE NOT GUARANTEED BY THIS SURVEY UNLESS SHOWN.

THE PROPERTY SHOWN HEREON DOES NOT LIE WITHIN ANY SPECIAL FLOOD HAZARD AREA AS ESTABLISHED BY F.E.M.A. ON THE NATIONAL FLOOD INSURANCE RATE MAPS FOR HOWARD COUNTY, COMMUNITY PANEL NO. 240044 0020 B AND DATED REVISED DEC. 04, 1986

THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.

TEMPORARY SLOPE EASEMENTS, IF ANY, ALONG STREETS ARE NOT SHOWN.

**LOCATION OF IMPROVEMENTS**

LOT 15  
**CATTAIL CREEK  
COUNTRY CLUB**  
PLAT No. 9518

4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1 in. = 60 ft. SEPT. 1998

**A.E.S. ASSOCIATES**

Planners • Surveyors • Consultants  
17631 Goose Creek Road  
Olney, Maryland 20832  
Tele: 301-570-0350 Fax: 301-570-3994  
A.E.S. Job No. H0 09A10.KRLD.001

B00127417

Building Address <u>3633 BROADWAY CT.</u> <u>GLENDON, MD</u> Suite/Apt. #: _____ SDP/WP/Petition #: _____ Census Tract <u>4711</u> Subdivision <u>CAPTAIN CREEK C.C.</u> Section _____ Area _____ Lot <u>15</u> Tax Map <u>21</u> Parcel <u>6</u> Grid <u>15</u> Zoning <u>RC-DEP</u> Map Coordinates <u>9A10</u> Lot size <u>3,000 SQ FT</u>	Property Owner's Name <u>G. SCOTT HANDLING</u> Address <u>3633 BROADWAY CT.</u> City <u>GLENDON</u> State <u>MD</u> Zip Code _____ Home Phone <u>301 854-6564</u> Work Phone <u>301 315-0900</u> Applicant's Name & Mailing Address, (if other than stated hereon): <u>MIKE KIRKLAND (KIRKLAND BUILDERS)</u> <u>5704 FOGGY LA.</u> <u>ROCKVILLE, MD 20855</u> Phone <u>301-330-1149</u> Fax <u>301-209-1149</u>
Existing Use _____ Proposed Use <u>DECK</u> Estimated Construction Cost <u>\$ 20,000</u> Description of Work <u>REAR DECK</u> <u>11' x 20' 5" x 11'</u> <u>to back</u>	Contractor Company <u>KIRKLAND BUILDERS</u> Contact Person <u>MIKE KIRKLAND</u> Address <u>5704 FOGGY LA.</u> City <u>ROCKVILLE</u> State <u>MD</u> Zip Code <u>20855</u> License No. <u>M/C 206</u> Phone _____ Fax _____
Occupant or Tenant _____ Contact Name <u>G. SCOTT HANDLING</u> Address <u>3633 BROADWAY CT</u> City <u>GLENDON</u> State <u>MD</u> Zip Code _____ Phone <u>301 854-6564</u> Fax _____	Engineer or Architect Company _____ Contact Person _____ Address _____ City _____ State _____ Zip Code _____ Phone _____ Fax _____

BUILDING DESCRIPTION - <u>COMMERCIAL</u>		BUILDING DESCRIPTION - <u>RESIDENTIAL</u>	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: _____ No. of stories: _____ Gross area, sq. ft. per floor: _____ Use group: _____ Construction type: <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame <input type="checkbox"/> State Certified Modular	Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> Heating System: Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/> Sprinkler system: <u>N/A</u> <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression <input type="checkbox"/> # of Heads	SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth Width 1st floor: _____ 2nd floor: _____ Basement: _____ Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms _____ Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____ Other Structure: <u>Deck</u> Dimensions: <u>4' x 20'</u> Footings: _____ Roof: _____ <input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> Heating System: Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input checked="" type="checkbox"/> Sprinkler system: <u>N/A</u> <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R Other: _____

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature Mike Kirkland Print Name MIKE KIRKLAND  
 Title/Company Builder Date 11/15/00

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
**\*\* PLEASE WRITE NEATLY AND LEGIBLY. \*\***  
**- FOR OFFICE USE ONLY -**

AGENCY	DATE	SIGNATURE APPROVAL
<input checked="" type="checkbox"/> Land Development, DPZ		
<input checked="" type="checkbox"/> State Highways		
<input checked="" type="checkbox"/> Building Official	<u>11/15/00</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> Dev. Engineering, DPZ		
<input checked="" type="checkbox"/> Health	<u>11/15/00</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> Fire Protection		

Is Sediment Control approval required prior to issuance?  
 YES  NO

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>
Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>
Historic District? <u>NO</u> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Lot Coverage for NewTown Zone: _____
SDP/Red-line approval date: _____

PROPERTY ID#:	308604
Filing fee	\$ _____
Permit fee	\$ _____
Excise tax	\$ _____
Sub-total paid	\$ _____
Add'l permit fee	\$ _____
TOTAL FEES	\$ _____
Balance due	\$ _____
Check	# <u>6320</u>
Validation	# <u>21867</u>

CONTINGENCY CONSTRUCTION START:   
 ONE STOP SHOP:

Distribution of Copies: White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

Accepted by [Signature]