

7-15-97  
Septic Co.  
2:00  
7-17-97  
C.O.  
11:00

7-17-97 needs house conn (RM)

# PERMIT

## SEWAGE DISPOSAL SYSTEM

P 58548

A 40877

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 4th

### INDEXED

DATE 7-8-97

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

#349881

DATE SYSTEM APPROVED 8/21/97

INSPECTOR ALM

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 410-875-4197

SUBDIVISION Foxmoor LOT 6 ROAD 17731 Foxmoor Drive

PROPERTY OWNER Mr. and Mrs. Greg Kline

ADDRESS \_\_\_\_\_

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 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the front lot line and 100 feet from the right lot line as seen when facing the lot from Foxmoor Drive. Run trenches on contour toward the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/10/96 DKS

PLANS APPROVED BY Jane Nadeau/Amy McMillen

DATE 08/14/96

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

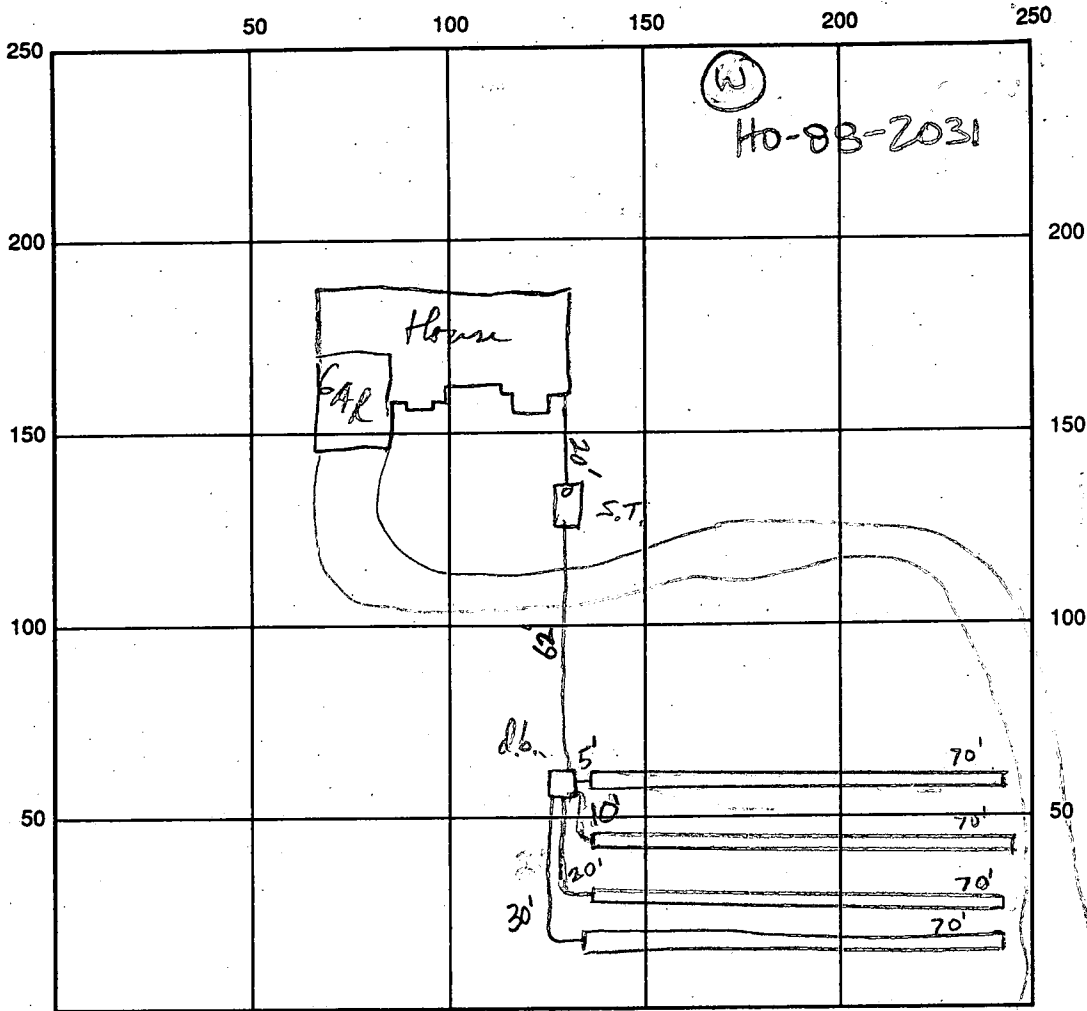
PERMIT VOID AFTER TWO YEARS

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**

A 40877



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Foxfoot Drive

SEPTIC TANK LEVEL 1500 gal ok CLEANOUTS one on tank  
 DISTRIBUTION BOX LEVEL ok  
 DRAIN FIELD/TITLE DEPTH 5.0 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.0 FT.  
 EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 70x4 FT. → 280  
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.  
 DRYWALL INSIDE DIAMETER 5 FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: OK to cover ST. House connection line up to where steps just short house, extend line to Dist box; P/P 7/15/97  
7-16-97 ok to cover all work, leave ends of last trench open (KM)  
needs house conn (KM) 8/21/97 House connection made (ALM)  
7-17-97 ok to cover all work, house conn needed, WPT - ok to cover well line  
P.A. 4.5' below grade, casing 2.0' above grade, has 2 piece cap (KM)

DATE SYSTEM APPROVED 8/21/97 INSPECTOR A. McMillen

P7, LOT REDESIGN

# APPLICATION

PERCOLATION TESTING

A 40877

P \_\_\_\_\_

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

DISTRICT Fourth

DATE 12-15-87

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 Long Meadow Venturers. Mr + Mrs. Greg Klime

ADDRESS 7050 Oakland Mills Road Suite 100 PHONE 301-290-9494

PROSPECTIVE BUYER Columbia, MD 21046

ADDRESS Attention: Mr. Earl Armiger PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Foxmoor LOT NO. 24 LOT 6 Preliminary

ROAD AND DESCRIPTION End of Timberleigh Way, 17731 FOXMOOR DRIVE

BLDG. PERMIT SIGNED

AND RETURNED 9/4/96  
Serial # BM 101977-4Bems

TAX MAP 12 PARCEL # 16

SIZE OF LOT 3.1 Acres TYPE BLDG Single Family  
(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.

Jeffrey E. Funk agent  
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR Standard trench DATE 2-2-89

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

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

REASONS FOR REJECTION OR HOLDING 3-1-88 Perc marginal but approvable providing lot configuration allows for house + well site. shall shallow syst. for storm water tank; place tank at high side of rear field

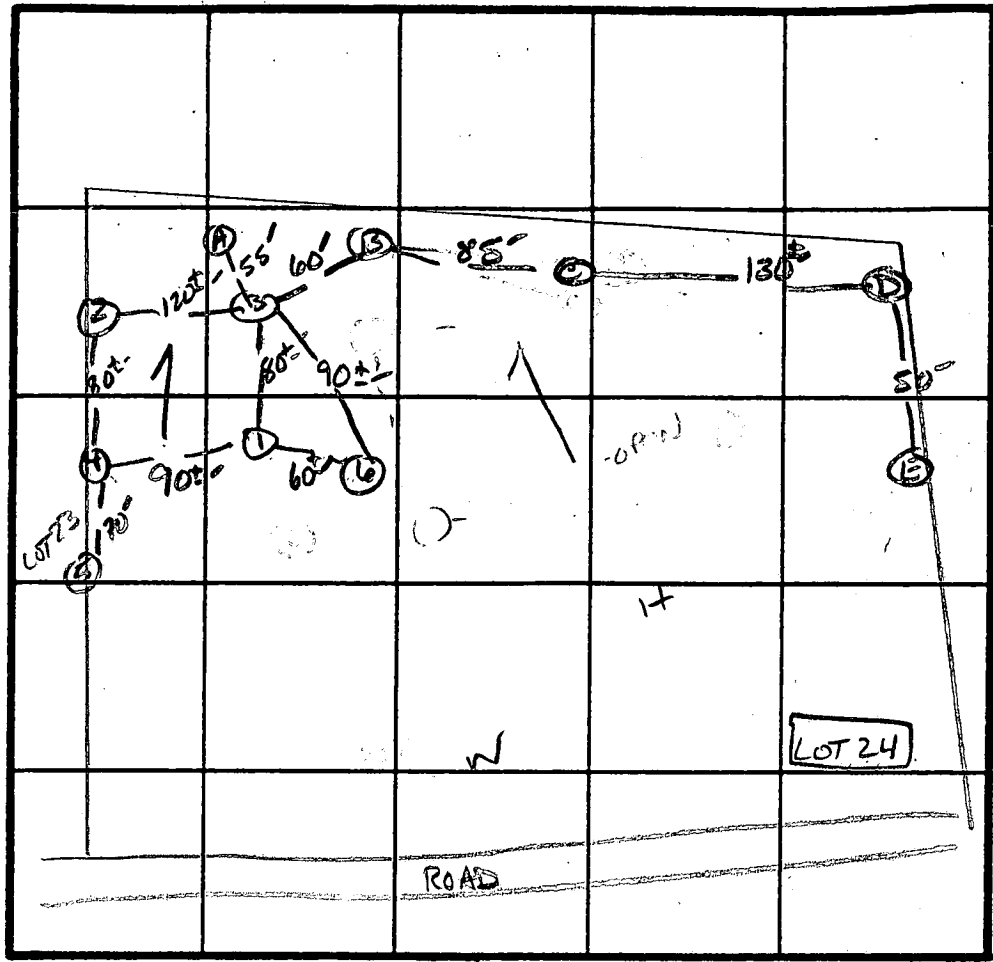
HD-216

# THIS IS NOT A PERMIT

DO NOT CHANGE  
 SOCS SA  
 X Perc 10min  
 195 #102  
 INLET 3.0  
 BOTTOM 5.0

SOIL PROFILE

AP
Yell. Br. Claylm. 20-25% Shale Frags
4-
Yell Br. s.s. Br Silt loam 30-45% Frags Shale NO MASSIVE, STRUCTURE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Florence

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/188	1 S	3.5'	11:04	11:10	11:10	11:32	22 MIN
		8.5'	11:07	11:09	11:09	11:14	5 MIN
	1 V	11.5'	See Profile				
	2 S	4.5'	12:59	11:04	11:04	11:15	11 MIN
		9.5'	12:48	12:51	12:51	12:57	6 MIN
	2 V	11.5'	See Profile LOT 23				
	3 S	4.0'	11:00	11:03	11:03	11:09	6 MIN
		8.5'	11:00	11:02	11:02	11:07	5 MIN
	3 V	11.5'	SAME AS #1				
	4 S	4'	12:37	12:44	12:44	12:58	14 MIN
		8'	12:36	12:39	12:39	12:46	7 MIN
	4 V	11.5'	See Profile LOT 23				
	B	STRUCTURED AT 4.5'	C		STRUCTURED AT 5.5'		
	A	STRUCTURED AT 5.5'	D		STRUCTURED AT 8.0'		
	6 V	12' silt loam	E		STRUCTURED AT 50'		
			20-25% FRAGS FROM 3-12" OK				

5 - ROCK - SEE A 408.76

REMARKS TO be SPLIT TO MAKE 2 LOTS - Shallow SPST ONLY

TYPE OF SOIL Mt Airy

TESTED BY S. Atch

ALSO PRESENT D. Horton PAUL B.

**C 1** **5108** SEQUENCE NO. (DENV 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 40877**

ST/CO USE ONLY  
 DATE Received **06 04 92**  
 DATE WELL COMPLETED **05 11 92**

Depth of Well  
**400**  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**HO-88-2031**

OWNER **Chesapeake Holding Co.**  
 STREET OR RFD last name **Foxhawk Dr** first name TOWN **Florence**  
 SUBDIVISION **Foxhawk** SECTION LOT **6**

**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	
Clay	2	6	
Shaley	6	15	
brown slate	15	24	
blueslate	34	198	✓
Flint & blue slate mixed	198	200	
blueslate	200	310	✓
Flint	310	312	
blueslate	312	400	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED  YES  NO  
 (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT  **CM** BENTONITE CLAY  **BC**  
 NO. OF BAGS **7** NO. OF POUNDS **700**  
 GALLONS OF WATER **35**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **20** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 **ST**  **CO**  
 STEEL CONCRETE  
 **PL**  **OT**  
 PLASTIC OTHER  
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
 **S**  **T**  **6**  **27**

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

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

**C 2**  
 DEPTH (nearest ft.)  
 E A C H S C R E E N  
**H 0 25 900 1**  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 from to

**C 3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **54** WHEN PUMPING **205**  
 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  
 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:  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)  
 CASING HEIGHT (circle appropriate box and enter casing height)  
 + above  - below  
 LAND SURFACE **2** (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. **40**  
 DRILLERS SIGNATURE **George F. [Signature]**

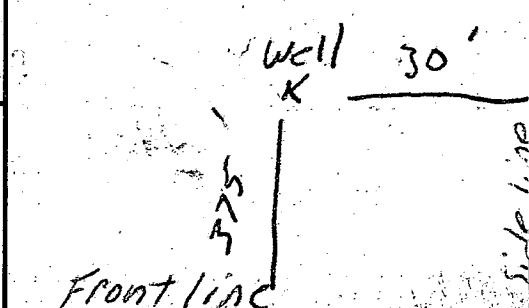
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
**Charles B. [Signature]**

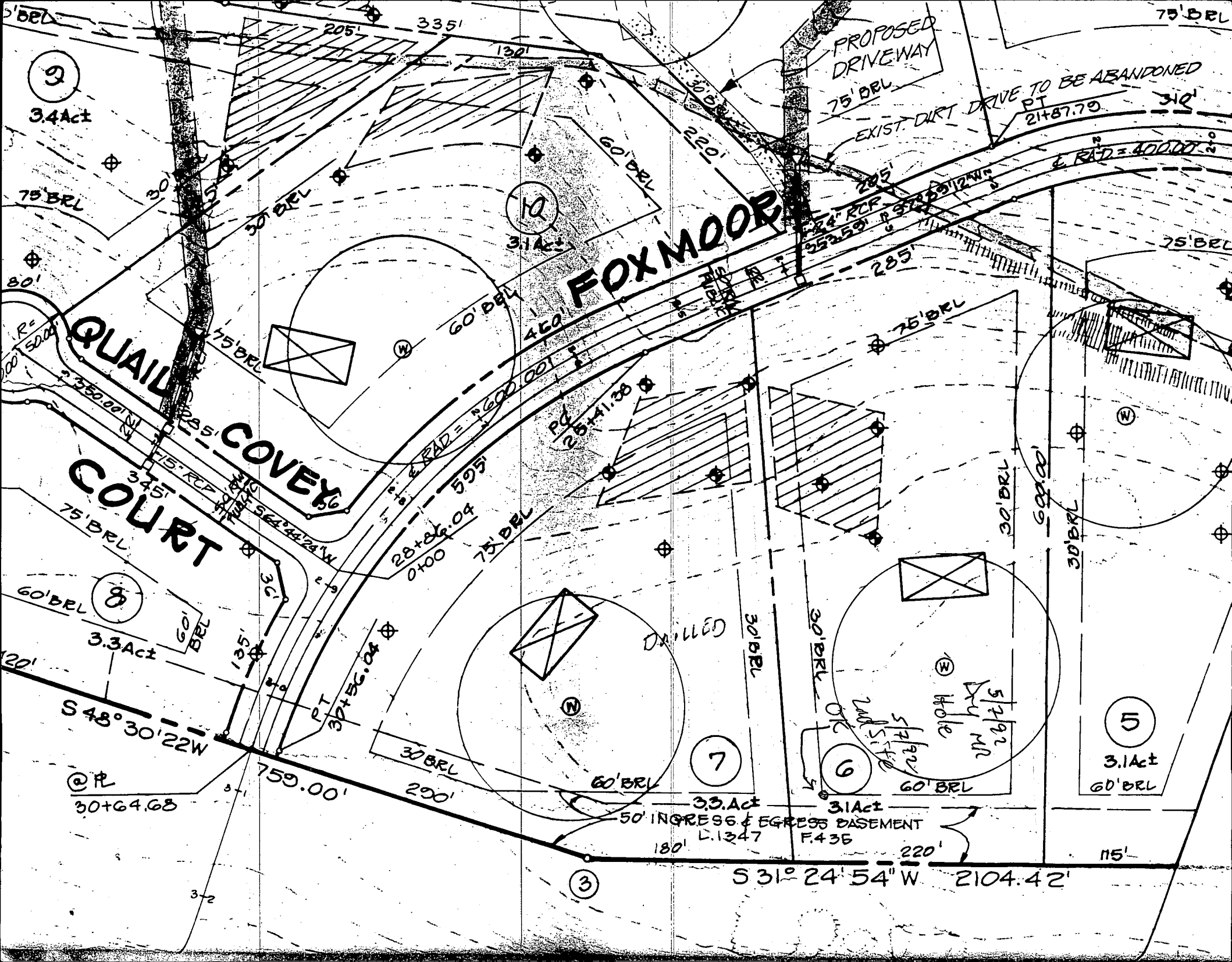
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

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

OEP 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)





2  
3.4 Act

10  
3.1 Act

FOX MOOR

QUAIL COURT  
QUAIL COVEY

PROPOSED DRIVEWAY  
75' BRL  
EXIST. DIRT DRIVE TO BE ABANDONED  
PT 21487.70

75' BRL  
310'  
R = 400.00

8  
3.3 Act

7  
3.3 Act

6  
3.1 Act

5  
3.1 Act  
60' BRL

S 48° 30' 22" W  
30+64.68

50' INGRESS & EGRESS BASEMENT  
L. 1247 F. 435

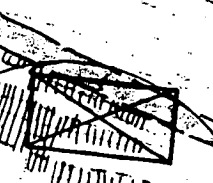
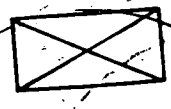
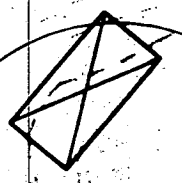
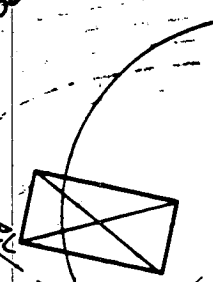
S 31° 24' 54" W 2104.42'

3

5/7/92  
2/6/92  
DRY HOLE

DRIILLED

2nd SITE

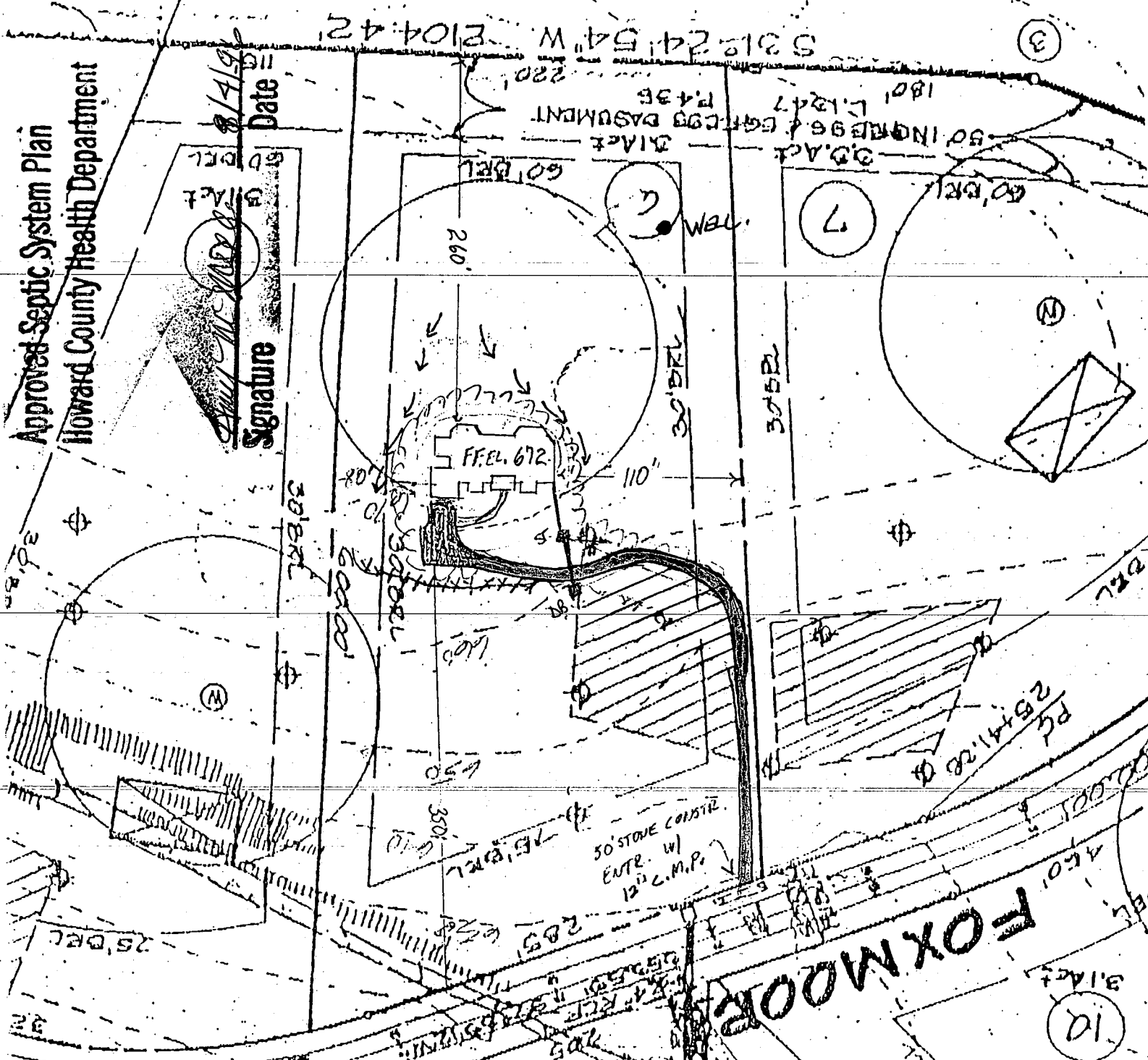




S 31° 24' 54" W 2104.42'

Approved Septic System Plan  
Howard County Health Department

Date: 8/19/95  
Signature: [Signature]



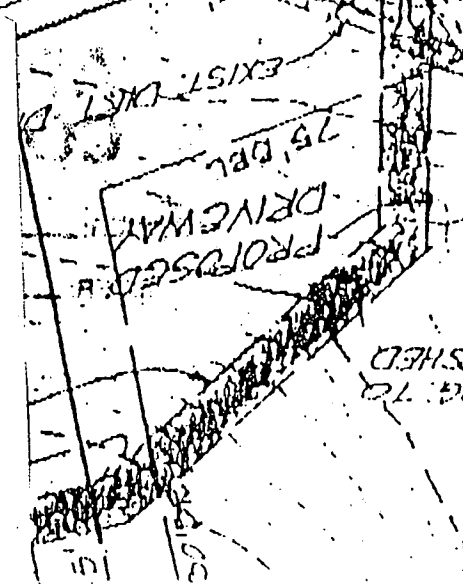
SEPTIC DESIGN

INV. OUT OF HOUSE	668.0
INV. INTO ST.	665.0
INV. OUT ST.	664.7
INV. INTO DB.	657.0
EXISTING GRADE @ DB.	660.0

MAINTAIN 1-2% GRADE TO  
PRIOR TO ST.  
280 LF. OF TRENCH.

SITE PLAN: 1" = 80'-0"

KLINE RESIDENCE  
LOT 6 FOX MOOR  
(4 BEDROOMS)  
DAVIES HOMES INC  
10176 BALTO. NATL. PIKE  
SUITE 210  
ELLICOTT CITY, MD 21042  
410-750-0007



FOX MOOR

10

7

2

N

M

3

50' INCREASE & EQUALS DRAINAGE  
180' L. 1247  
P. 435  
DIACT  
60' DBL  
220'

50' STONE CONSTR.  
ENTR. W/  
12" C.M.P.

PC  
25741.28  
450'

650'

350'

30' DBL  
60' DBL  
30' DBL

30' DBL

30' DBL

30' DBL

30' DBL

25' DBL

20'

450'

312'

EXIST. CURB

75' DBL

DRIVEWAY

PROPOSED

SHED

15'

