

C.O. 12/17/99  
BB 3pm or later  
12/21/99  
C.O. am

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 51276

A 57659-0

DISTRICT \_\_\_\_\_

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

**INDEXED**

05-430046

DATE 11/2/99

DATE SYSTEM APPROVED 12/21/99

INSPECTOR S.R.K.

Harfield's Equipment & Dedication Services, Inc. IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 13785 Burntwoods Road, Glenelg, MD 21737 PHONE 301-854-6172

SUBDIVISION Hunterbrooke LOT 15 ROAD 8121 Huntfield Drive

PROPERTY OWNER Winchester Homes, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

**\*\*\*WATERTIGHT, COMPARTMENTED SEPTIC TANK WITH WASTEWATER EFFLUENT FILTER.\*\*\***

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place distribution box 160 feet from front (113.59') lot line and 85 feet from the right lot line as viewed from Hunter Drive. Install 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 All*

PLANS APPROVED BY Ronald J. Pinkley DATE 9-09-1999

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

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 A25

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.

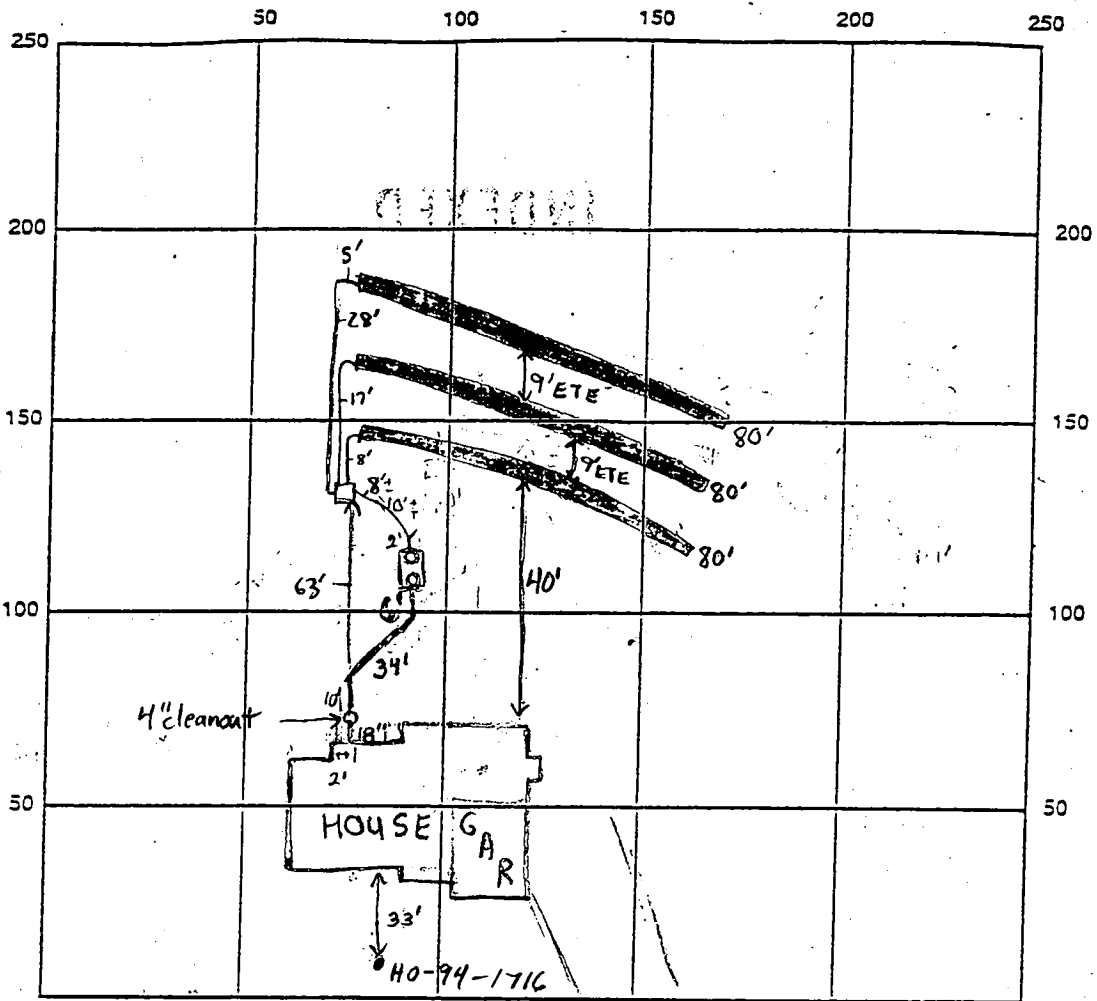
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 481-9933 FOR INSPECTION OF SEPTIC SYSTEM.

**BUILDING PERMIT SIGNED AND RETURNED 6:15-00**  
600124868-Dredk

A 57659-0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
HUNT FIELD DRIVE

SEPTIC TANK LEVEL Top searched 1500 gallon CLEANOUTS 1-4" house, Manholes on Front & Back of Septic Tank

DISTRIBUTION BOX LEVEL ✓ Baffle is in

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

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

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

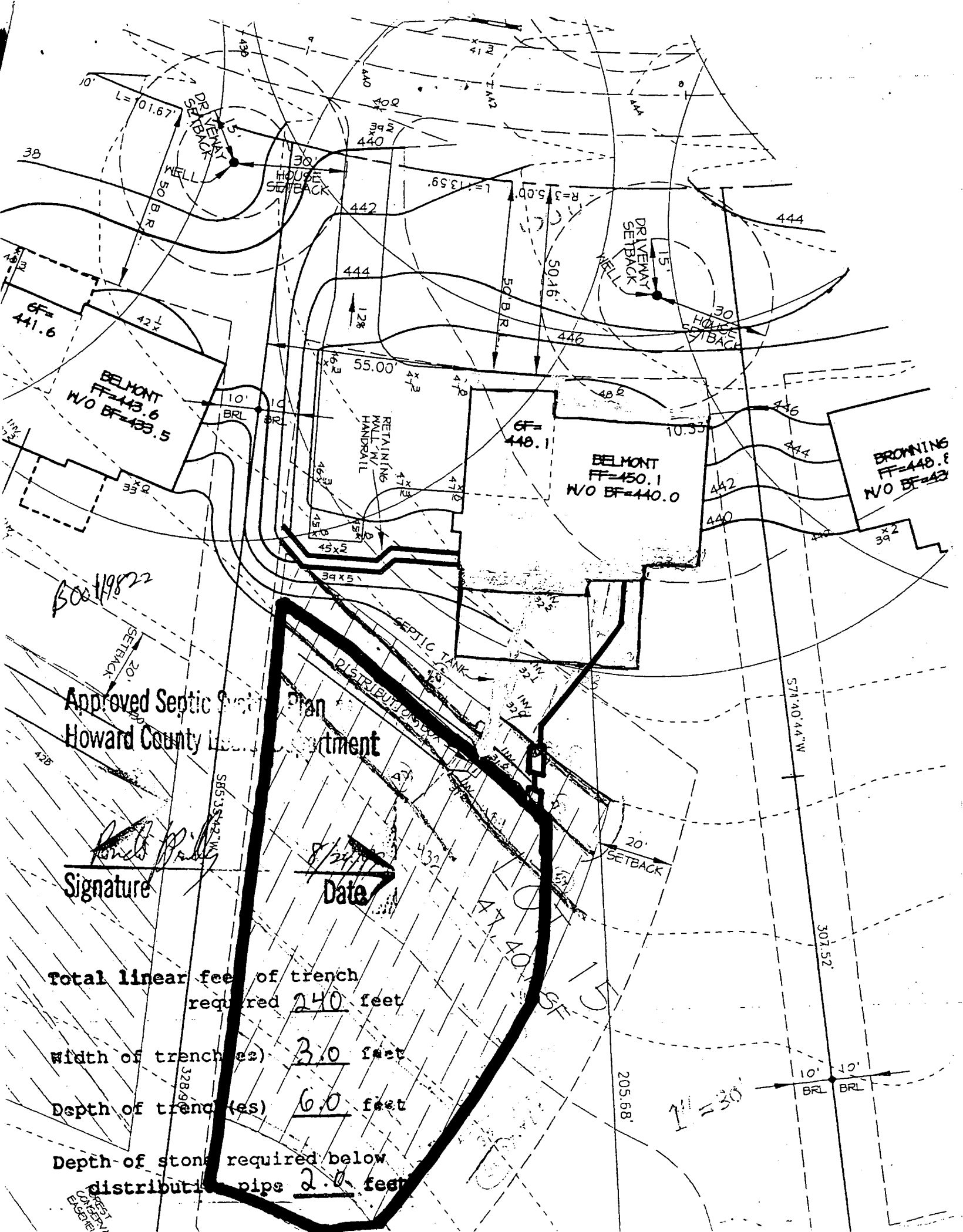
REMARKS: 12/17/99 House connection made, O.K. 2-compartment top searched 1500 gallon septic

tank with manhole lines. First trench O.K. (BB) 12/21/99 - DBOX LOCATION

ADJUSTED TO BETTER ACCOMADATE FIELD CONDITIONS, OK TO COVER ALL WORK (SRK)

DATE SYSTEM APPROVED 12/21/99

INSPECTOR Steven K. King



50049822

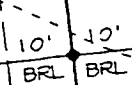
Approved Septic System Plan  
 Howard County Department

*Ronald Priddy*  
 Signature

8/24/12  
 Date

Total linear feet of trench required 240 feet  
 Width of trench(es) 3.0 feet  
 Depth of trench(es) 6.0 feet  
 Depth of stone required below distribution pipe 2.0 feet

1" = 30'





For 12/17/99 - 313-2648

Work  
2/17/00  
313 For

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

~~461-8032~~

410 - 313 - 2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date 12-17-99

Name of Installer Damon Wilson

Telephone \_\_\_\_\_

License Number 350065

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

Name of Property Owner Winchester Homes Telephone \_\_\_\_\_

Subdivision Hunterbrook Lot # 15 Well Tag # HC-94-1710

Site Address 8121 ~~Hunterbrook~~  
Hunterbrook Ln

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower _____	1. Make <u>Martinson</u>
a. Deep well jet _____	2. RPM <u>3450</u>	2. Model # <u>B-104</u>
b. Shallow well jet _____	3. Voltage _____	3. Depth <u>3 1/2</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>Grundfos</u>	b. 220 <input checked="" type="checkbox"/>	
3. Model # <u>56527422</u>		
4. Capacity <u>5</u> GPM		
5. Pump exceeds well capacity Yes _____ No <input checked="" type="checkbox"/>		
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 <input checked="" type="checkbox"/> Other _____		

<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity <u>50</u>	1. Type <u>PE</u>	1. Depth <u>400</u> ft.
2. Pressure relief valve? <u>Yes</u>	2. Size <u>1"</u>	2. Yield <u>20</u> GPM
	3. NSF and/or BOCA Code approved <u>Yes</u>	3. Static water level _____ ft.
	4. Depth of supply line <u>3 1/2</u>	4. Will water supply be disinfected by installer? <u>Yes</u>

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.

12/17/99 - WPI OK (BB) SRH

Signature of Applicant: Damon Wilson

Date: 12/17/99

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

C1 4393

SEQUENCE NO. (MDE USE ONLY) 98-26

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A 576590

ST/CO USE ONLY DATE Received 10-23-98

DATE WELL COMPLETED 10-01-98

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1716

OWNER Winchester Homes STREET OR RFD Hunter Ln TOWN Fulton SUBDIVISION Hunter brooke SECTION LOT 15

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Shale, Brown Micr, Sand Stone, Gray Micr.

GROUTING RECORD form with fields for CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form with fields for diameter, depth.

SCREEN RECORD form with fields for screen type or open hole, diameter of screen.

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED PLACE, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER: A, E, P

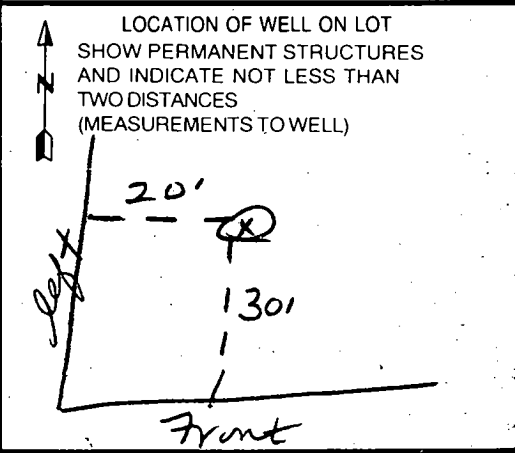
DRILLERS LIC. NO. MWD 040, DRILLERS SIGNATURE George F. Easterday, LIC. NO. DMB 038

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

DEPTH (nearest ft.) HO 49, 400

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA



10/1/98

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

Well Permit No. HO - 94-1716  
 Location of property (road) Hunter Drive  
 Subdivision Hunterbrook Lot 15 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller George Easterday Owner Winchester Homes  
 Depth of well 400 1 GPM  
 Distance of measuring point (M.P.) above ground 2  
 Static water level (S.W.L.) below M.P. 32

**I. High rate pumping -- reservoir drawdown**

Time pump started 9:30 Pumping rate 12  
 Total time 15-14:20 to reach pumping water level 104 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:30	32			12
9:45	104			2
10:00	104			2
10:15 10:30	104 104			2 / 2
10:45 11:00	104 104			2 / 2
11:15 11:30	104 104			2 / 2
11:45 12:00	104 104			2 / 2
12:15	104			2
12:30	104			2
12:45	104			2
1:00	104			2
1:15	104			2
1:30	104			2
1:45	104			2
2:00	104			2
2:15	104			2
2:30	104			2
2:45	104			2
3:00	104			2
3:15	104			2
3:30	104			2
3:45	104			2



B 1 6897

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1716 fill in this form completely

Date Received (APA)

082898

OWNER INFORMATION RN 7582

Winchester Homes, Inc.

6305 Ivy Lane, Suite 700

Greenbelt, Md. 20770

George F. Easterday

L. Franklin Easterday, Inc.

9265 Brown Church Rd., MT. Airy, Md. 21771

8/26/1998

George F. Easterday

3/26/1998

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

APPROXIMATE DEPTH OF WELL 300 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

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)

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

APPROX. PERMIT NUMBER

PERMIT No. HO-94-1716

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

LOCATION OF WELL CC#

Howard Hunterbrooke

23 SUBDIVISION

SECTION 15

Fulton

52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 0

Hunter Drive

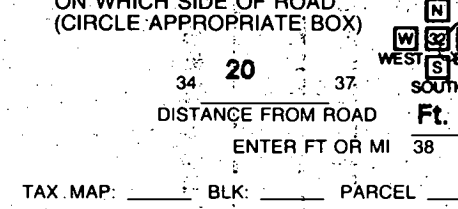
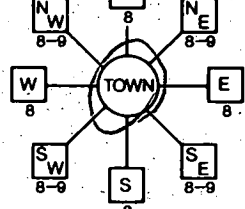
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 20 37

DISTANCE FROM ROAD Ft. 38 39

TAX MAP: BLK: PARCEL



NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO A576590

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 09/02/98

CO SIGNATURE A McMillan

NORTH GRID 470 000 EAST GRID 820 000

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 820

N 470

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

MAP 18 G5

Lime Kiln

Hunter Drive

Sketch showing location of well in relation to nearby towns and roads.

APPROVED

RECEIVED

DATE

TIME

BY

OFFICE

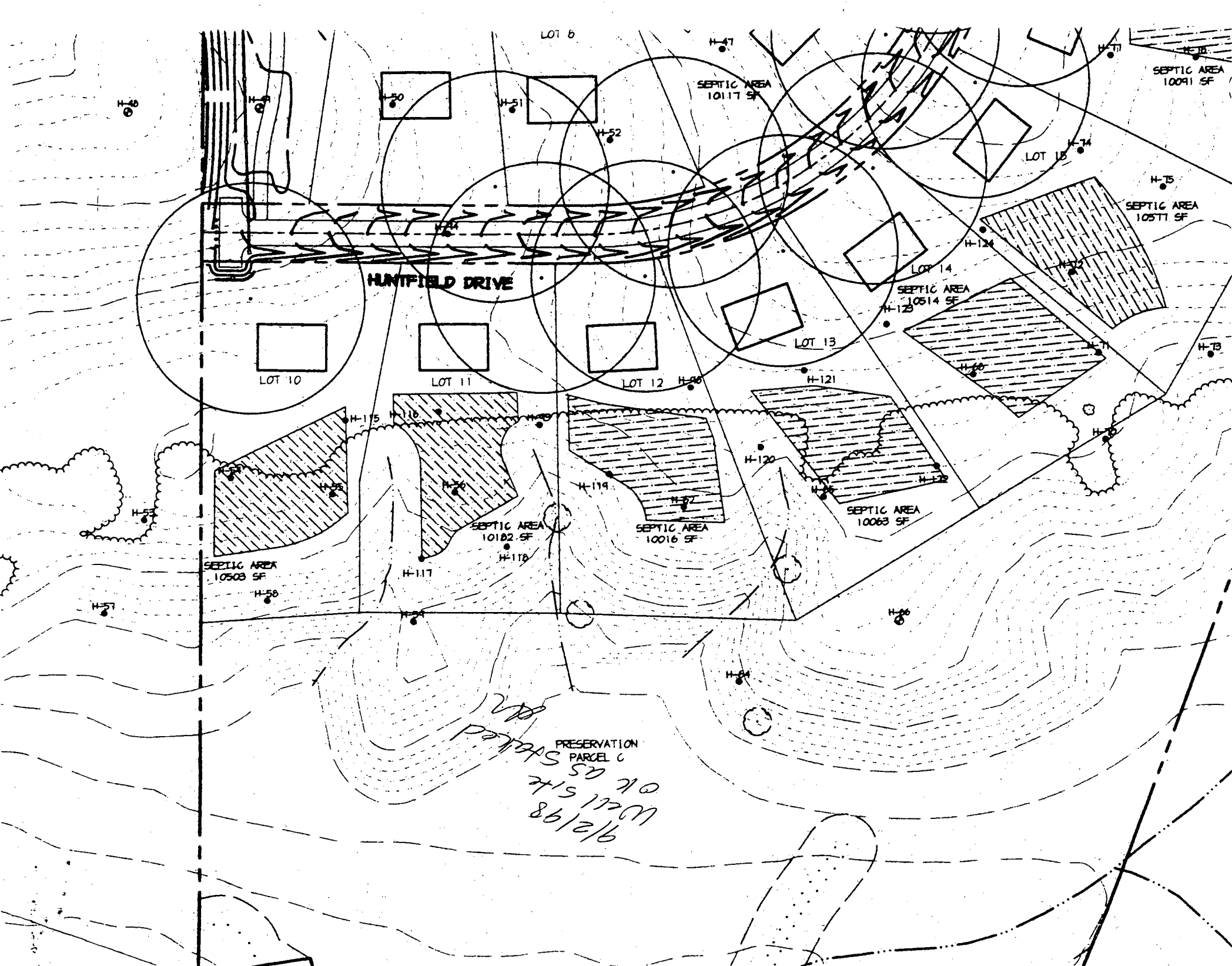
STATE OF MARYLAND

DEPARTMENT OF ENVIRONMENTAL CONTROL

WATER CONTROL DIVISION

PERMIT TO DRILL WELL

NO. HO-94-1716



LOT 6

SEPTIC AREA  
10117 SF

SEPTIC AREA  
10091 SF

HUNTFIELD DRIVE

SEPTIC AREA  
10571 SF

LOT 10

LOT 11

LOT 12

LOT 13

SEPTIC AREA  
10514 SF

SEPTIC AREA  
10503 SF

SEPTIC AREA  
10182 SF

SEPTIC AREA  
10016 SF

SEPTIC AREA  
10063 SF

PRESERVATION  
PARCEL C

*9/2/98  
Local site  
OK as stated  
2/2*

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT 5th

DATE 1-29-97

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 Edward Robert Prince Winchester Homes, Inc.

ADDRESS P.O. Box 381, Fulton, MD 20759-0381 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Winchester Homes & David Meinen

ADDRESS 6305 Ivy Lane Ste 700 Greenbelt Md 20770 PHONE 301-489-1205

PROPERTY LOCATION:

SUBDIVISION PRINCE PROPERTY LOT NO. 15

ROAD AND DESCRIPTION Common driveway off Lime Kiln Rd 300' from Rt 216 (8121 Huntfield Drive)

**ORIG. PERMIT SIGNED AND RETURNED** 8-24-99  
Serial # B70 119822

TAX MAP 46 PARCEL # 360 & 1/0 344

SIZE OF LOT 1 acre TYPE BLDG. Single Family - 4 Bed  
(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. David E. Meinen  
(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 #

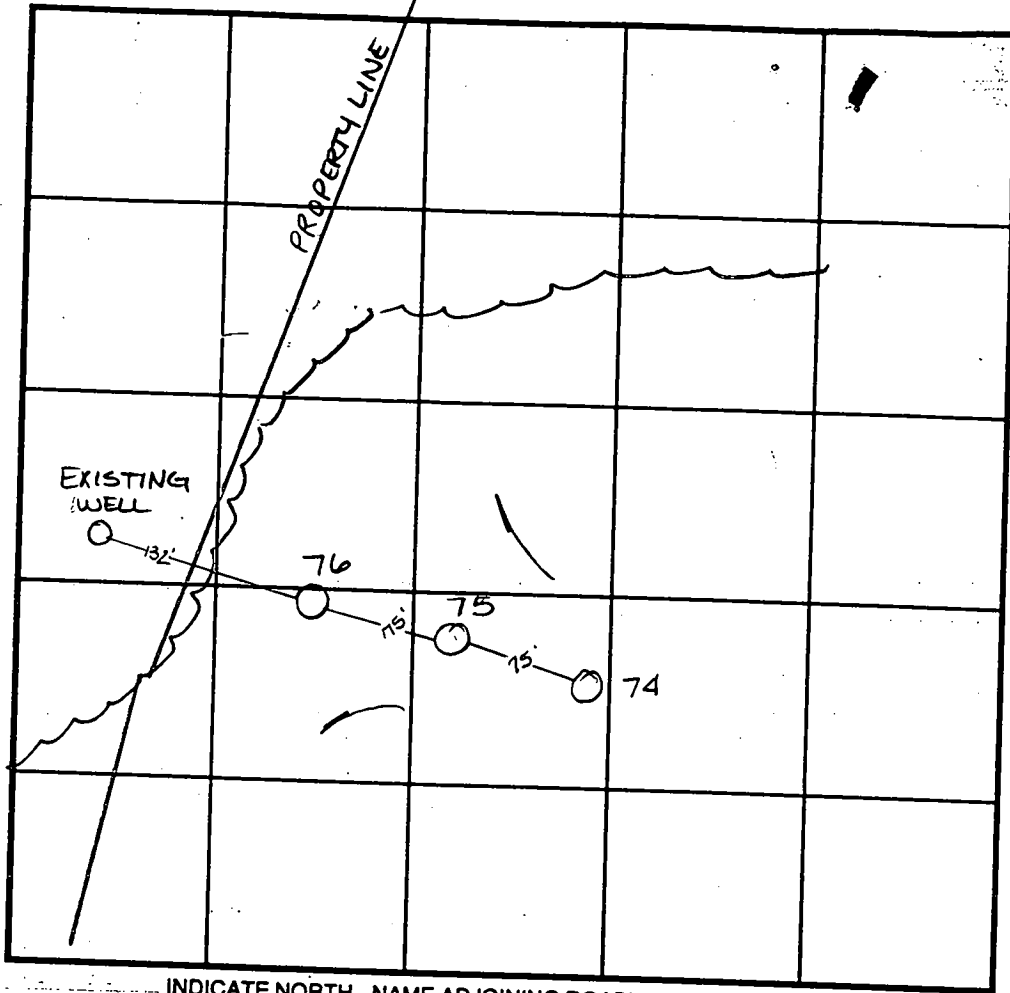
SOIL PROFILE

74

no distinct clay layer  
lg + pink w/ some orange silim  
micaceous  
10% shale frags  
very decayed

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	
4-29-97	74	6.0 V12.0	11:40 <sup>30</sup>	11:41 <sup>30</sup>	11:41 <sup>30</sup>	11:45	3 1/2 min
	75	6.0 V12.0	11:35	11:36 <sup>30</sup>	11:36 <sup>30</sup>	11:42	5 1/2 min
	76	5.5 V12.0	11:18	11:21 <sup>30</sup>	11:21 <sup>30</sup>	11:23 <sup>30</sup>	2 min

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMullen ALSO PRESENT \_\_\_\_\_

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

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

75

like 74  
very sandy  
caved in  
horizontal  
banded  
decayed  
saprolite  
10%

76

dark red strong stru. silim  
red-brn silim  
micaceous silim  
beige silim  
large grained micaceous  
20% Rx

12.0

12.0

25

8.0

12.0

# APPLICATION

## PERCOLATION TESTING

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

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

DISTRICT 5th  
DATE 1-31-97  
1-29-97

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 Edward Robert Prince

ADDRESS P.O. Box 381, Fulton, MD 20759-0381 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Winchester Homes & David Meisner

ADDRESS 6305 Ivy Lane Ste 700 Greenbelt Md 20770 PHONE 301-499-1205

### PROPERTY LOCATION:

SUBDIVISION PRINCE PROPERTY LOT NO. 15/14

ROAD AND DESCRIPTION Common driveway off Lime Kiln Rd 300' from Rt 216

TAX MAP 46 PARCEL # 360 & p/o 344

SIZE OF LOT 1 acre 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.

David S. Meisner  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

71

bright red  
salcilm  
strong  
struct

3.0

dark red w  
some bright  
orange  
salcilm  
<5%  
decayed  
shale

2.0

70

dark red  
orange  
salcilm

3.0

light pink  
tan  
salcilm  
micaceous  
<5%  
decayed  
shale

3.0

73

dark red or  
salcilm

3.0

pink  
salcilm  
micaceous  
20%  
decayed  
shale  
vein of  
30-40%  
at  
5-7'

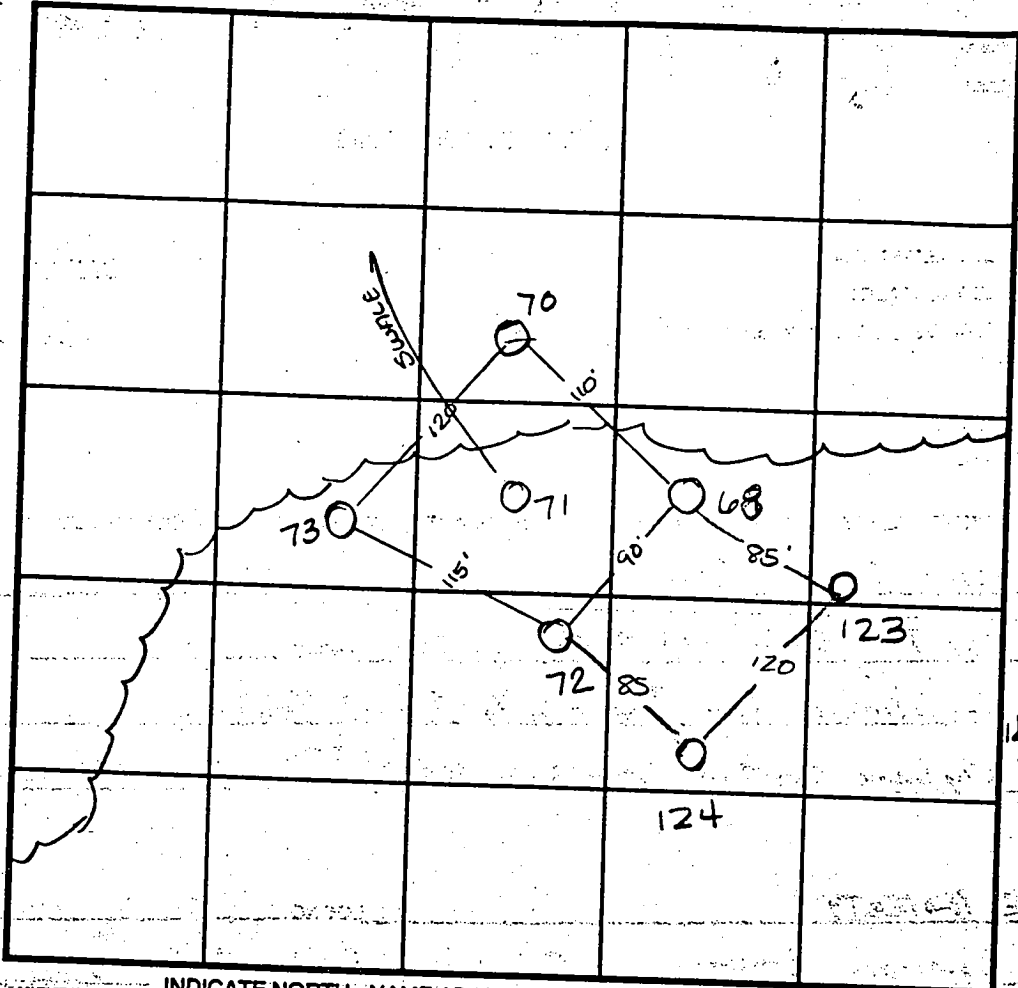
5

SOIL PROFILE

72

like  
73  
but  
<5%  
shale  
-dry-

2.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4-29-97	71	6.0 v12.0	11:26 <sup>30</sup>	11:28	11:28	11:31	3min	
5-1-97	70	6.5 v13.0	10:26	10:26 <sup>30</sup>	10:26 <sup>30</sup>	10:27 <sup>30</sup>	1min	
	73	visual	to 11.5 - see profile - OK					
	72	6.0 v12.0	10:40	10:42	10:42	10:47	5min	

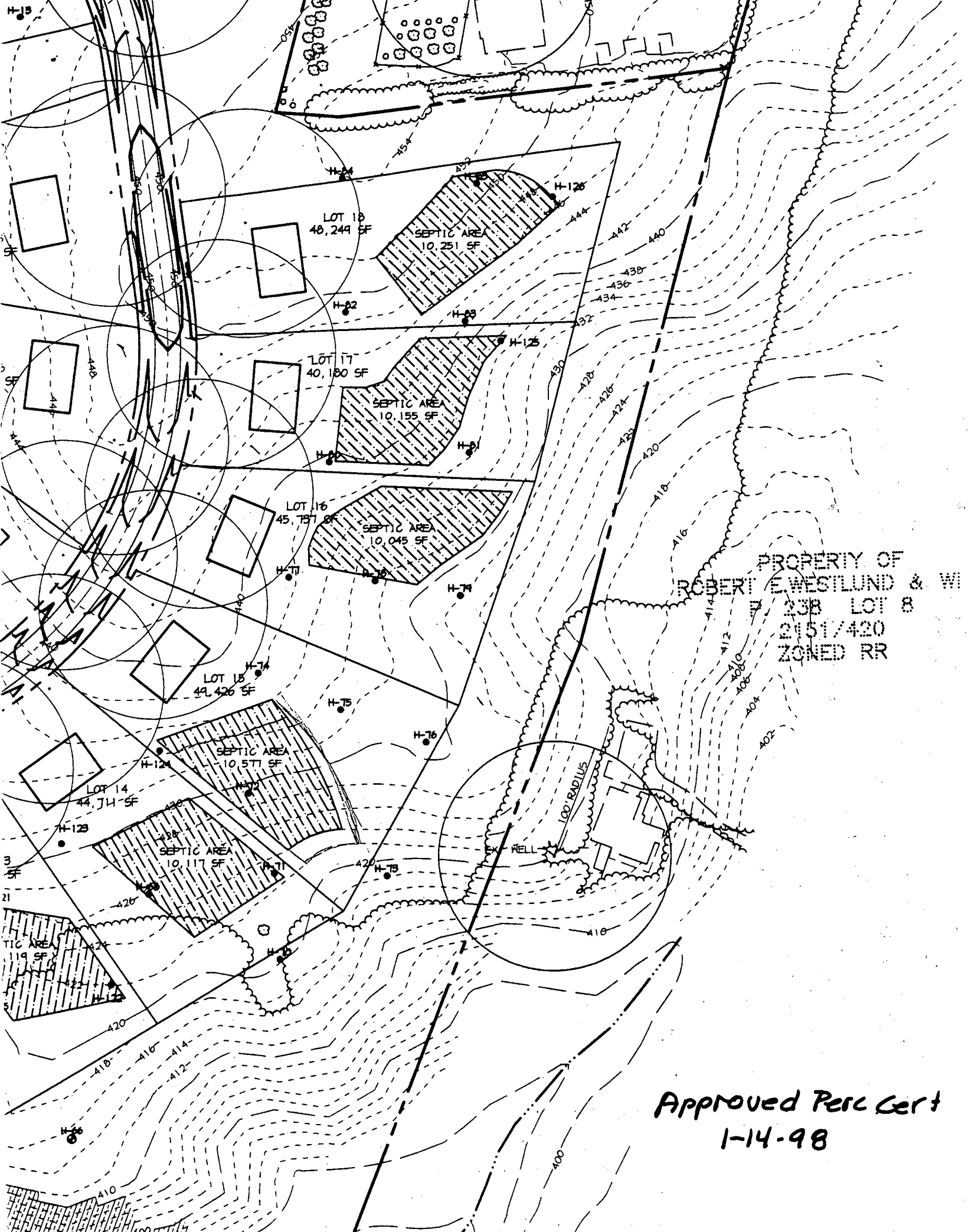
REMARKS \_\_\_\_\_

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

TESTED BY Amy McMullen ALSO PRESENT \_\_\_\_\_

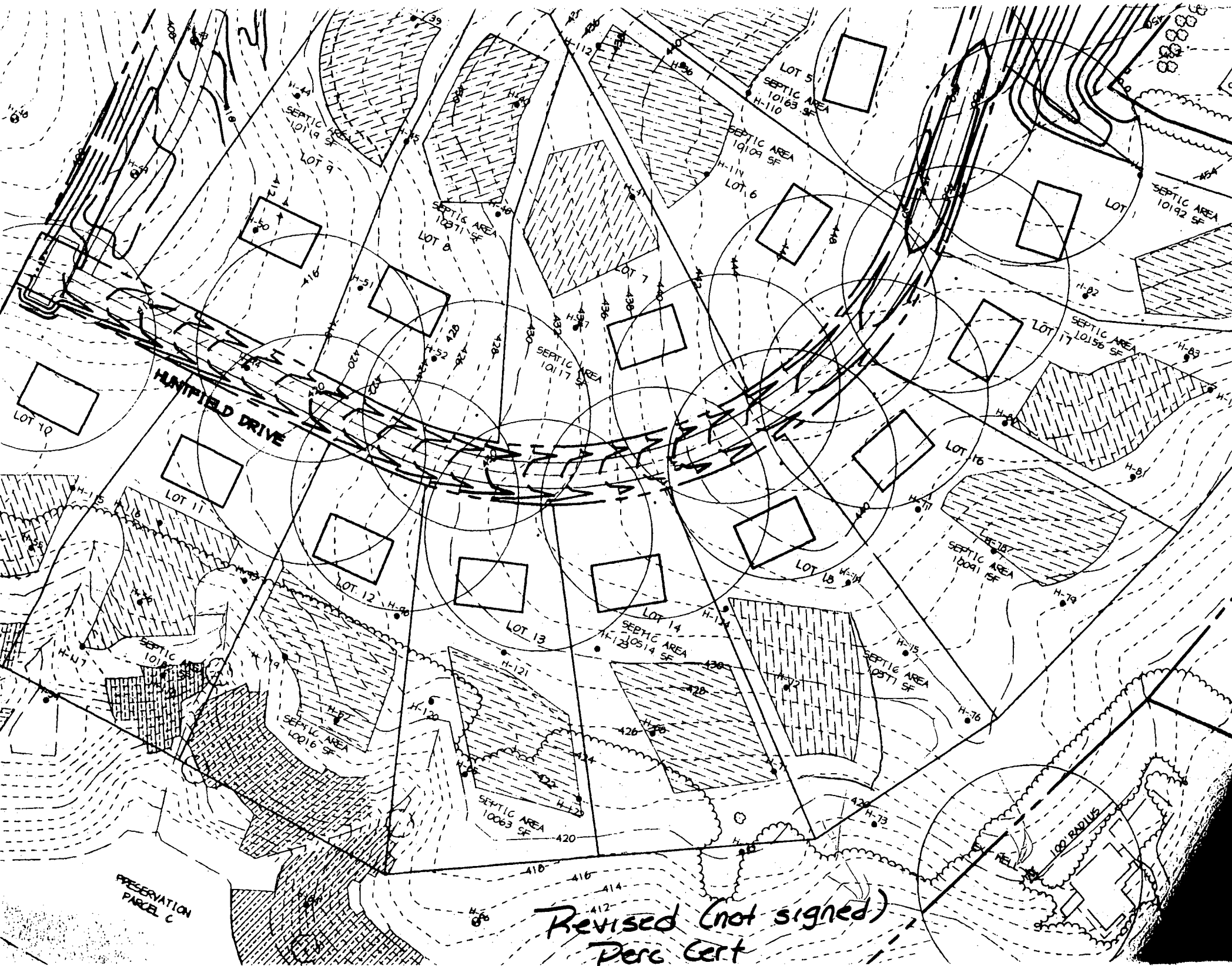
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

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



PROPERTY OF  
ROBERT E. WESTLUND & WIFE  
238 LOT 8  
2151/420  
ZONED RR

Approved Perc Cert  
1-14-98

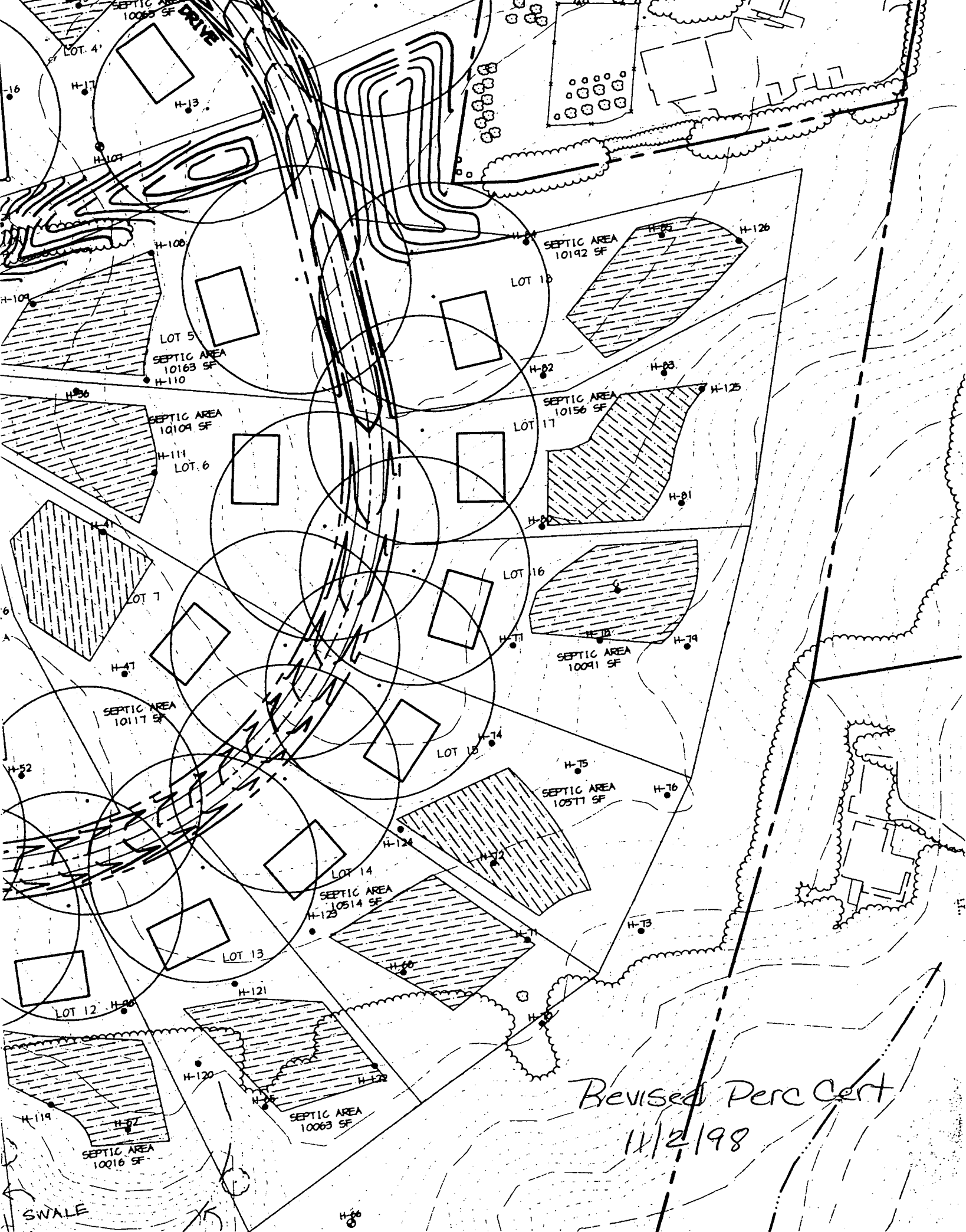


HUNTFIELD DRIVE

Revised (not signed)  
Perc Cert

PERSERVATION  
PARCEL C

100 RADIUS



Revised Perc Cert  
11/2/98

FOR CONTINUATION  
SEE SHEET 2 OF 3

PARCEL 'B'

LOT 6

FOR CONTINUATION  
SEE SHEET 2 OF 3

FOR CONTINUATION  
SEE SHEET 2 OF 3

PARCEL

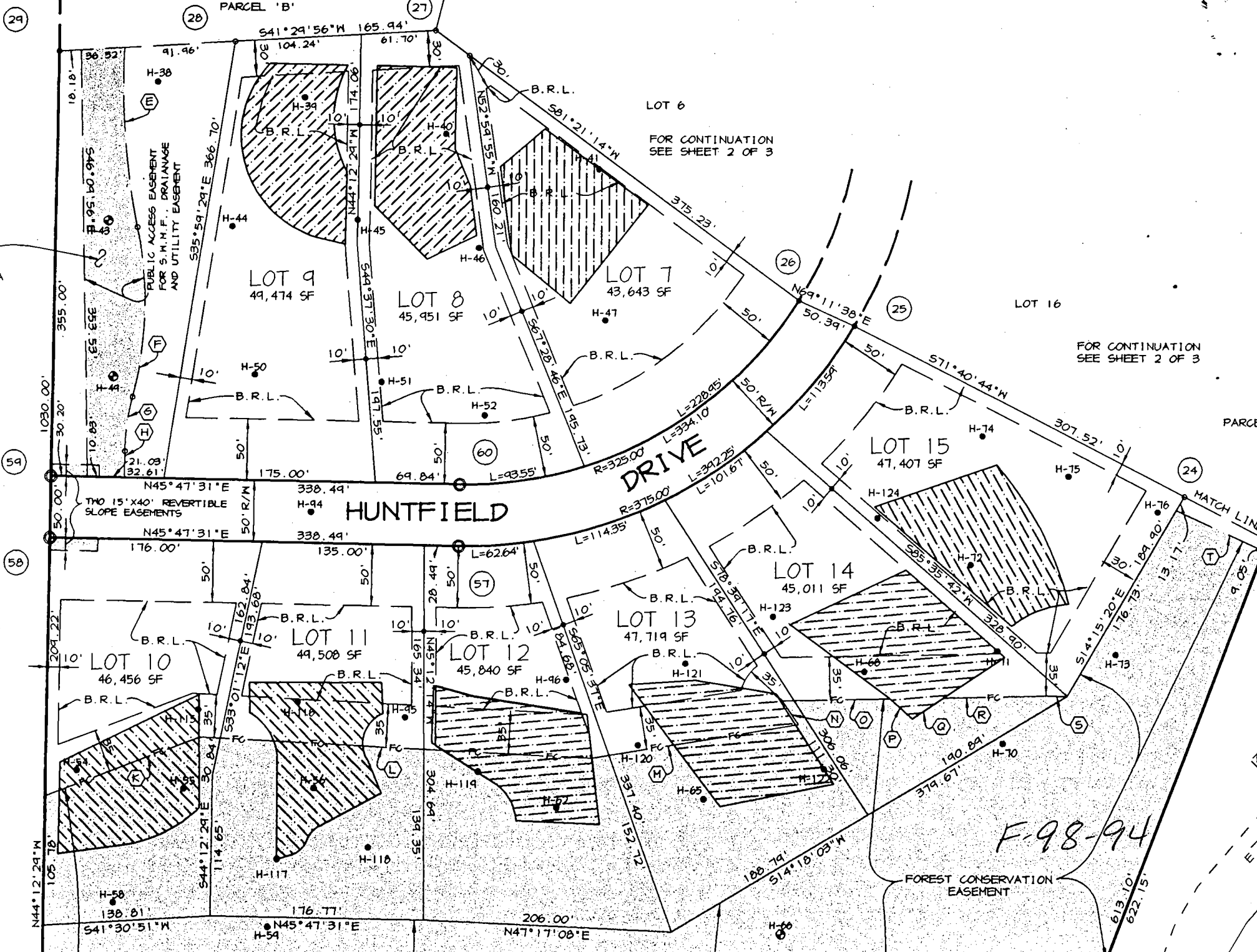
MATCH LINE

F-98-94

FOREST CONSERVATION  
EASEMENT

# HUNTFIELD

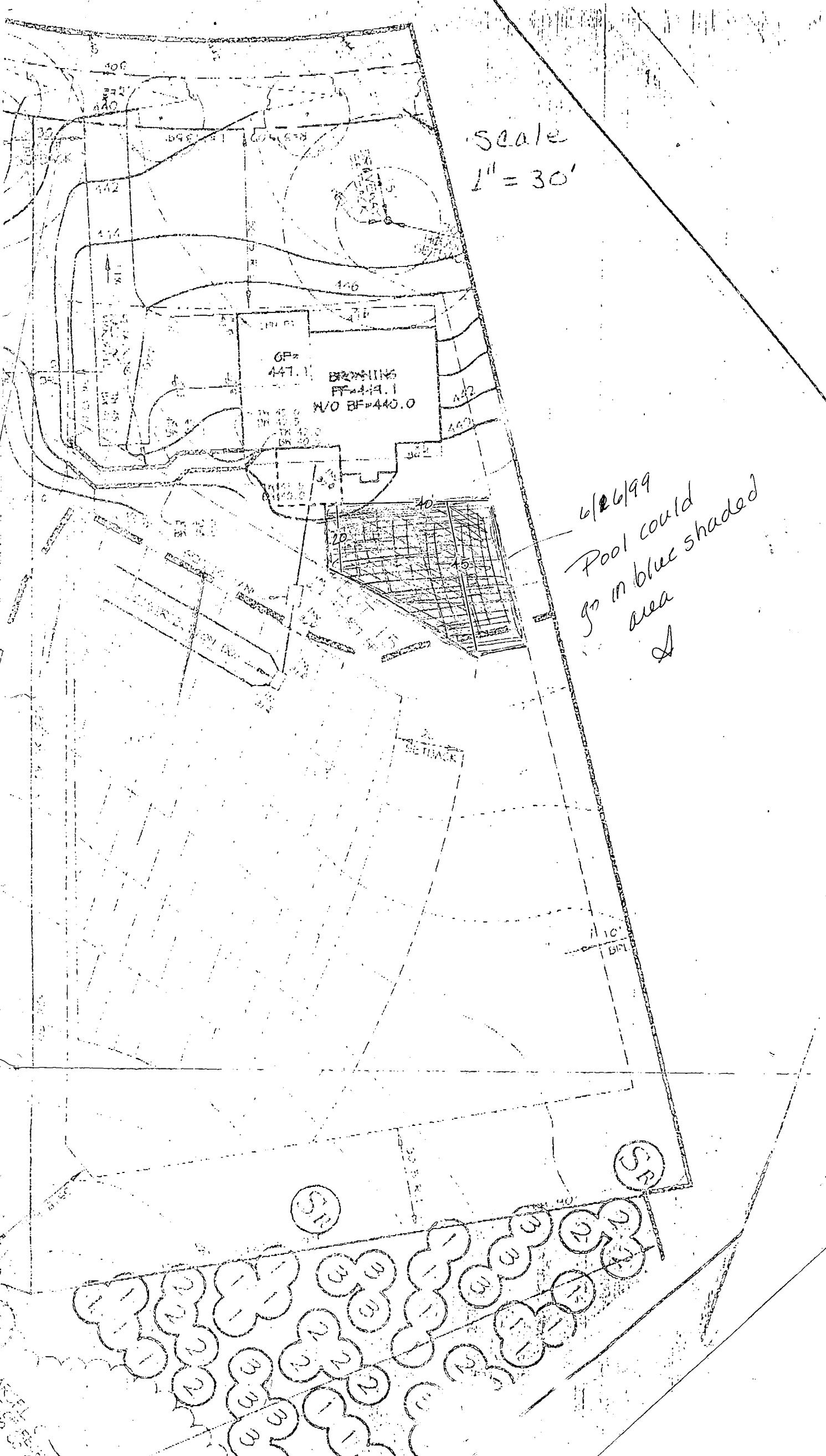
## DRIVE



Scale  
1" = 30'

6Fz  
447.1 BRANNING  
FF=449.1  
W/O BF=445.0

6/26/99  
Pool could  
go in blue shaded  
area  
S

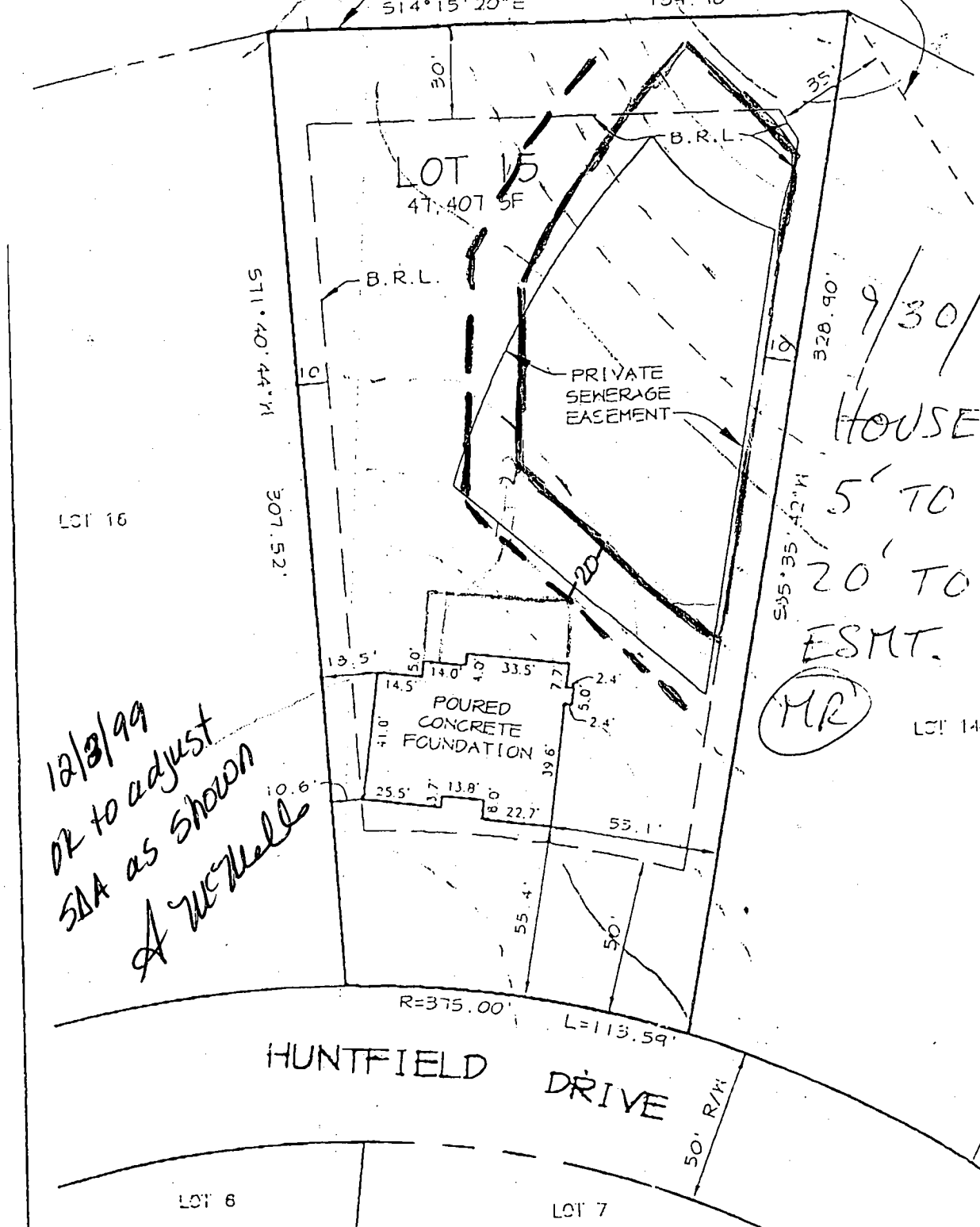


PRESERVATION PARCEL 'C'

FOREST CONSERVATION EASEMENT

GRID NORTH

514°15'20"E 199.90'



12/2/99  
 OK to adjust  
 SDA as shown  
 A. McNeill

9/30/  
 HOUSE  
 5' TO  
 20' TO  
 ESMT.

MR

HUNTFIELD DRIVE

TOP FOUNDATION ELEVATION = 448.8  
 B.R.L. - BUILDING RESTRICTION LINE

NOTE:

- a. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING,
- b. THE PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS, AND
- c. THE PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE.

THIS IS TO CERTIFY THAT I HAVE SURVEYED THE PROPERTY FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS ON SAID AND THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN; AND I CERTIFY THAT THE SUBJECT PROPERTY LIES IN ZONE 'C' (FLOODING) AS SHOWN ON F.I.R.M. MAP No. 240044 0042B FOR HOWARD COUNTY, MARYLAND.



*Arthur E. Muegge*  
 ARTHUR E. MUEGGE #10751

RIEMER MUEGGE & ASSOCIATES, INC.  
 SUITE 200  
 8818 CENTRE PARK DRIVE  
 COLUMBIA, MARYLAND 21045  
 TELEPHONE (410) 937-8900  
 FAX (410) 937-9282

LOCATION DRAWING  
 LOT 15  
 HUNTERBROOKE  
 5TH ELECTION DISTRICT, HOWARD COUNTY  
 PLAT Nos. 13489 THRU  
 SCALE: 1" = 30'  
 PROJ. No. 99099  
 DRAWN BY

PRESERVATION PARCEL 'C'

FOREST CONSERVATION EASEMENT

GRID NORTH

S14°15'20"E

189.90'

LOT 15  
47,407 SF

9/30/99  
HOUSE SLID  
5' TO REAR;  
20' TO SEWAGE  
ESMT. OK

(MR)

LOT 14

LOT 13

HUNTFIELD DRIVE

R=375.00'

L=113.59'

50' R/W

LOT 8

LOT 7

TOP FOUNDATION ELEVATION = 448.0

B.R.L. - BUILDING RESTRICTION LINE

NOTE:

- a. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR RE-FINANCING;
- b. THE PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND
- c. THE PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE.

THIS IS TO CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS ON SAID PROPERTY AND THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN, AND FURTHER CERTIFY THAT THE SUBJECT PROPERTY LIES IN ZONE 'C' (AREA OF MINIMAL FLOODING) AS SHOWN ON F.I.R.M. MAP No. 240044 0042B DATED 12-04-86 FOR HOWARD COUNTY, MARYLAND.



*Arthur E. Muegge*  
ARTHUR E. MUEGGE #10751

9-16-99  
DATE

RIEMER MUEGGE & ASSOCIATES, INC.  
SUITE 300  
8818 CENTRE PARK DRIVE  
COLUMBIA, MARYLAND 21045  
TELEPHONE (410) 997-8900  
FAX (410) 997-9282

LOCATION DRAWING  
LOT 15  
HUNTERBROOKE  
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
PLAT Nos. 13489 THRU 13491  
SCALE: 1" = 50'  
PROJ. No. 99099 DRAWN BY: R.A.H. DATE: 09-16-99



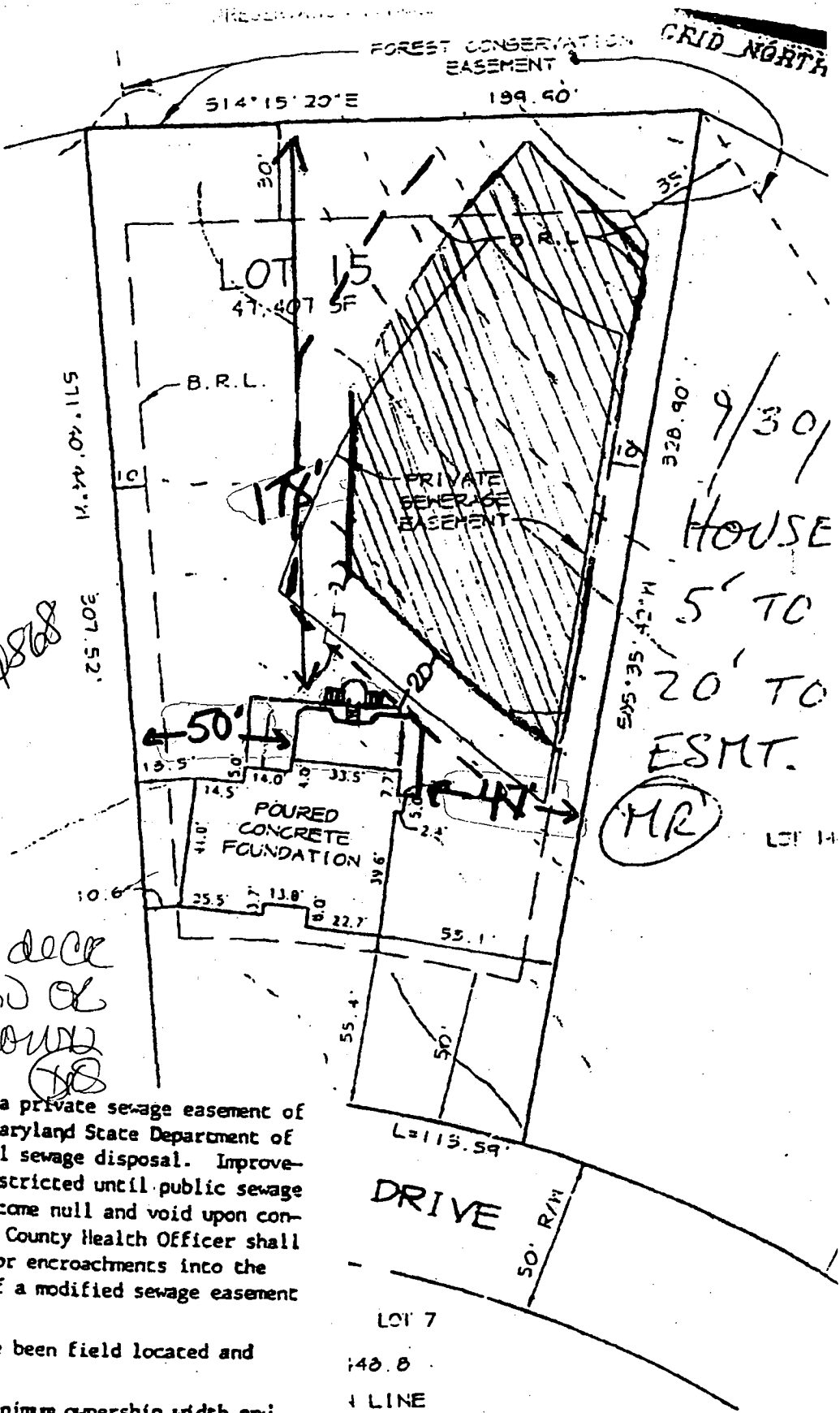
Mr. + Mrs. Cidre  
 8121 Huntfield Dr.  
 Fulbn, MD 20759  
 39x18 Deck  
 w/ steps to grade

Lot #15

12/3/99  
 OK to adjust  
 sewage disposal  
 area as shown  
 A McNeill

500124868

6/15/00  
 Proposed deck  
 location as shown



**Private Sewage Easement**  
 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of The Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "⊙".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of The Environment.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

*Donna Blanton*  
 County Health Officer

12/6/99  
 DATE

CONSUMER ONLY INsofar as it is required in connection with contemplated transfer, financing or for the establishment or location of future improvements, and the accurate identification of property required for the transfer of title.

CERTIFY THAT I HAVE SURVEYED THE PROPERTY AND LOCATED THE IMPROVEMENTS ON SAID PROPERTY AS SHOWN, AND I AM PROVIDING THIS CERTIFICATE IN FULL COMPLIANCE WITH THE REQUIREMENTS OF THE MARYLAND SURVEYING AND MAPPING ACT OF 1996.

Howard County Health Department

To: 3/20/00

Talked to house owner about the movement of distribution box from planned area. Owner wants to know whether it will affect intended pool location. Told owner to submit a proposed location plan and go from there. BB

DO NOT DISCARD

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

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