

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Huntfield Drive

SEPTIC TANK LEVEL OK-1500 GALLONS CLEANOUTS one at house, one on sec. mantle on sec.

DISTRIBUTION BOX LEVEL OK

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 — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 3/30/00 FINAL INSP - OK TO COVER ALL SEPTIC WORK.

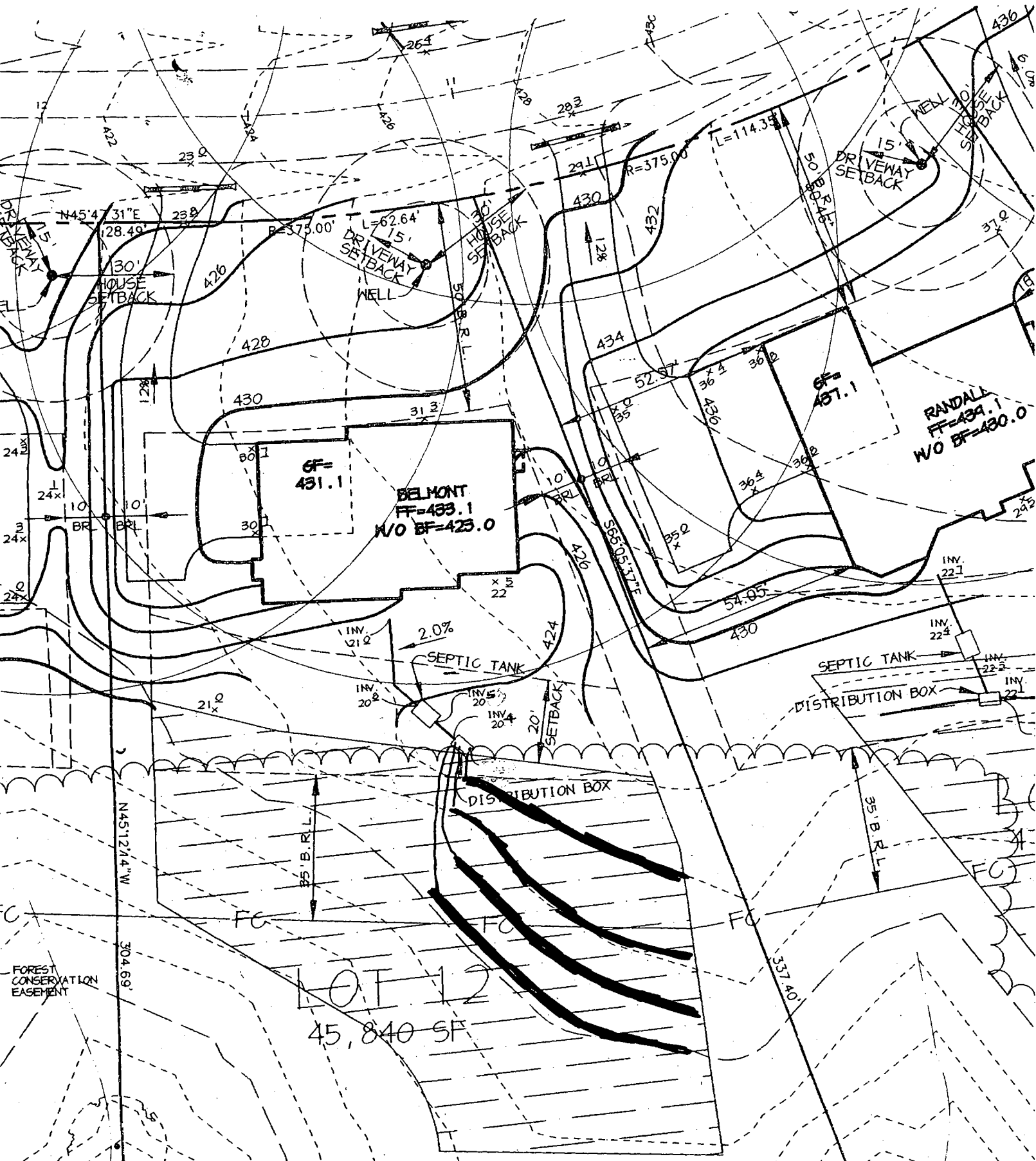
(Trench lengths differ due to location of trees) DS

4/4/00 WPI - well line covered w/#6 stone by Hatfield's. ok DS

4/3/00 WPI - well line, R.A. 3'+ below grade, well casing 1' above grade, PVC conduit ok, 2pc cap OK. Need to slope under drain.

DATE SYSTEM APPROVED 3/30/00 INSPECTOR [Signature]

DS



LOT 12
45,840 SF

Approved Septic System Plan
Howard County Health Department

Total linear feet of trench
required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 6 feet

Depth of stone required below
distribution pipe 2 feet

Donald [Signature]
Signature

12/20/99
Date

206.00'
N47°17'08"E

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 5H

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 Winchester Homes Inc.

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

AGENT OR PROSPECTIVE BUYER Winchester Homes % David Meiners

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

PROPERTY LOCATION:

SUBDIVISION PRINCE PROPERTY LOT NO. 1a

ROAD AND DESCRIPTION Common driveway off Lime Kiln Rd 300' from Rt 216 (8133 Huntfield Drive)

TAX MAP 46 PARCEL # 360 & p/o 344

SIZE OF LOT 1 acre TYPE BLDG. Single Family - 4 Bed
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 12-29-99
Serial # B00121578

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 F. Meiners
(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 _____

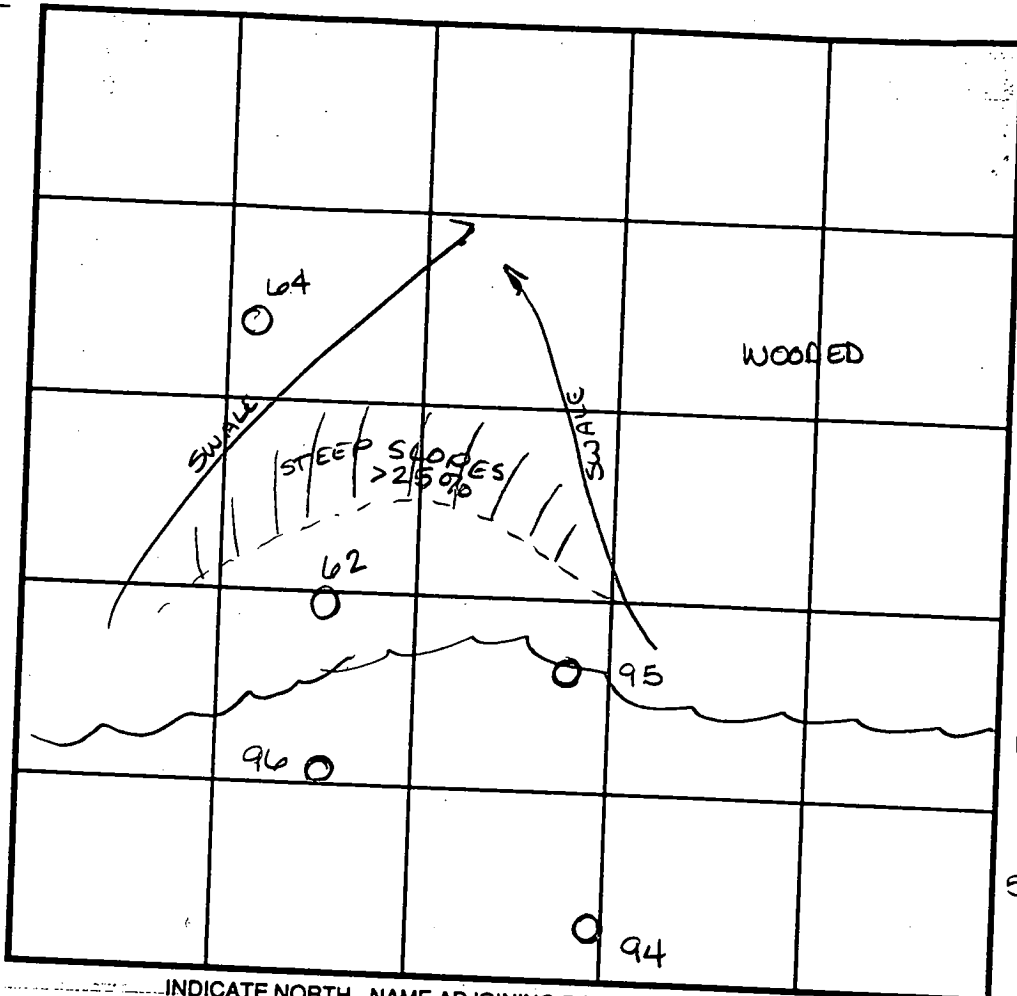
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 62
 dark orange brown silclm micaceous
 3.5
 darker beige brown silclm
 20% shale



SOIL PROFILE

0' 95
 dark red silclm
 3.0
 lgt orange beige silclm micaceous
 <5% shale

64
 dark orange red silclm
 4.0
 dark red orange silclm
 20% Rx
 Refusal

96
 bright orange brown silclm
 5.5
 lgt brn to grey (color from lg. amt of mica) silclm
 <5% shale

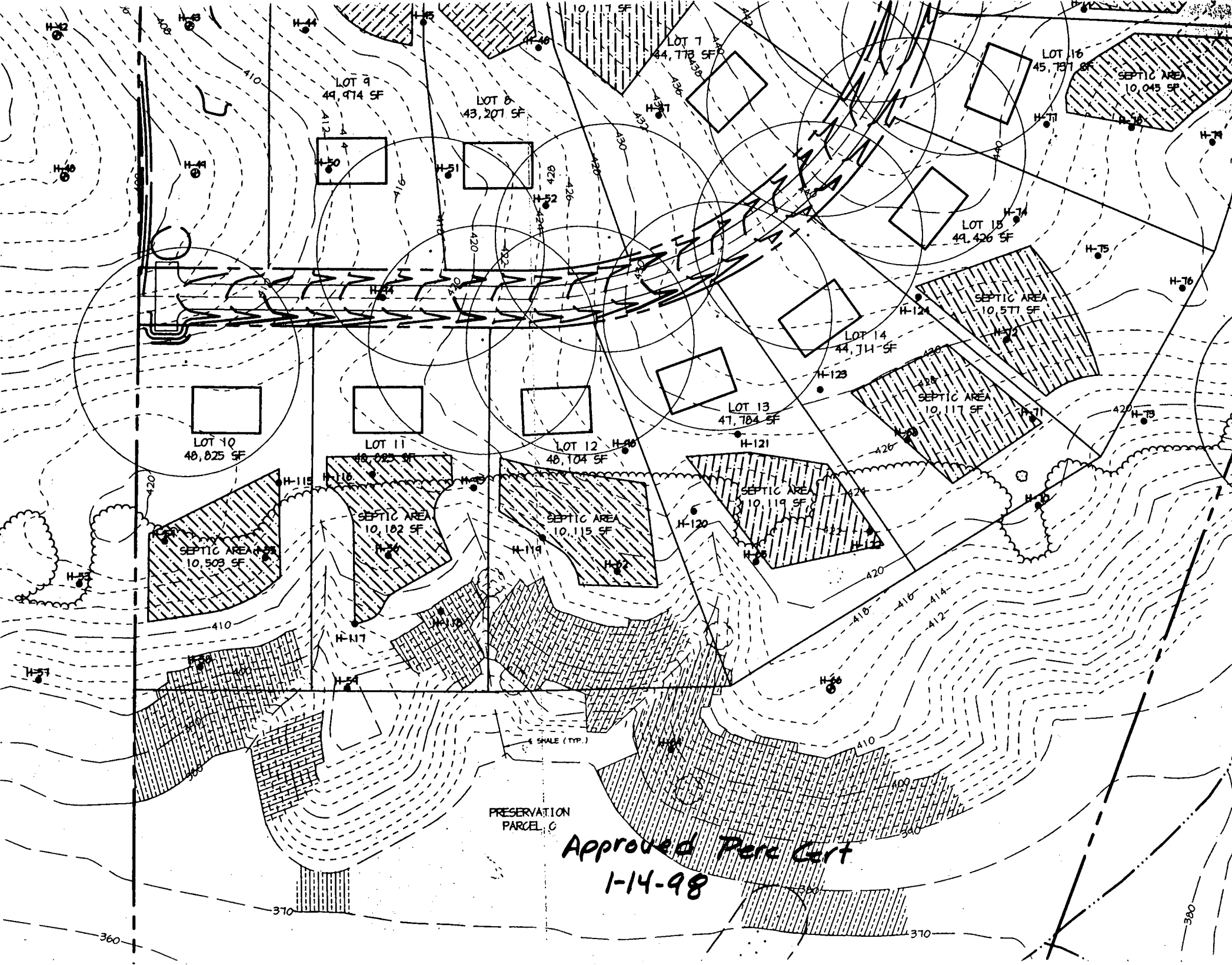
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-1-97	62	6.0 V12.0	9:39	9:40 ³⁰	9:40 ³⁰	9:43	2 1/2 min
5-7-97	64	5.0 V11.0	1:31 ³⁰	1:37 ³⁰	>30 min		
		6.0 V11.0	1:52	1:58 ³⁰	1:58 ³⁰	2:15	16 1/2 min
5-8-97	94	6.5 V11.5	10:37 ³⁰	10:39	10:39	10:43	4 min
	95	4.5 V12.0	10:47	10:48 ³⁰	10:48 ³⁰	10:52	3 1/2 min
	96	6.0 V12.0	10:53	10:54	10:54	10:57	3 min

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY Amy McMillen ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

94
 bright red silclm
 6.0
 bright red silclm
 9.0
 lgt pink tan silclm micaceous
 15% shale
 flags

11.5



Approved Perc Cert
1-14-98

PRESERVATION
PARCEL C

4" SHALE (TYP.)

LOT 10
48,825 SF

LOT 11
48,925 SF

LOT 12
48,104 SF

LOT 13
47,784 SF

LOT 14
44,714 SF

LOT 15
49,426 SF

LOT 16
45,737 SF

LOT 9
49,414 SF

LOT 8
43,207 SF

LOT 7
44,773 SF

SEPTIC AREA
10,045 SF

SEPTIC AREA
10,577 SF

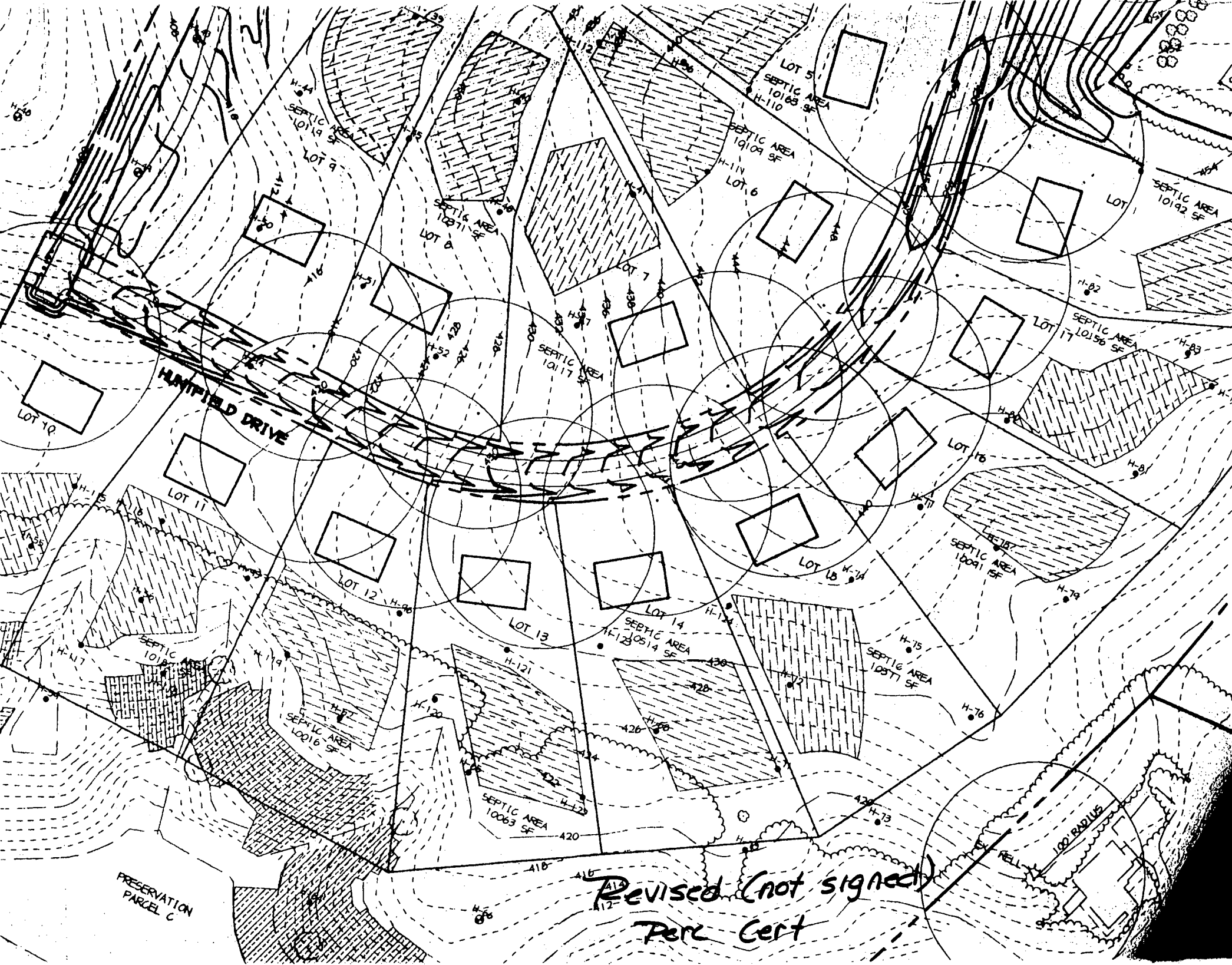
SEPTIC AREA
10,117 SF

SEPTIC AREA
10,119 SF

SEPTIC AREA
10,115 SF

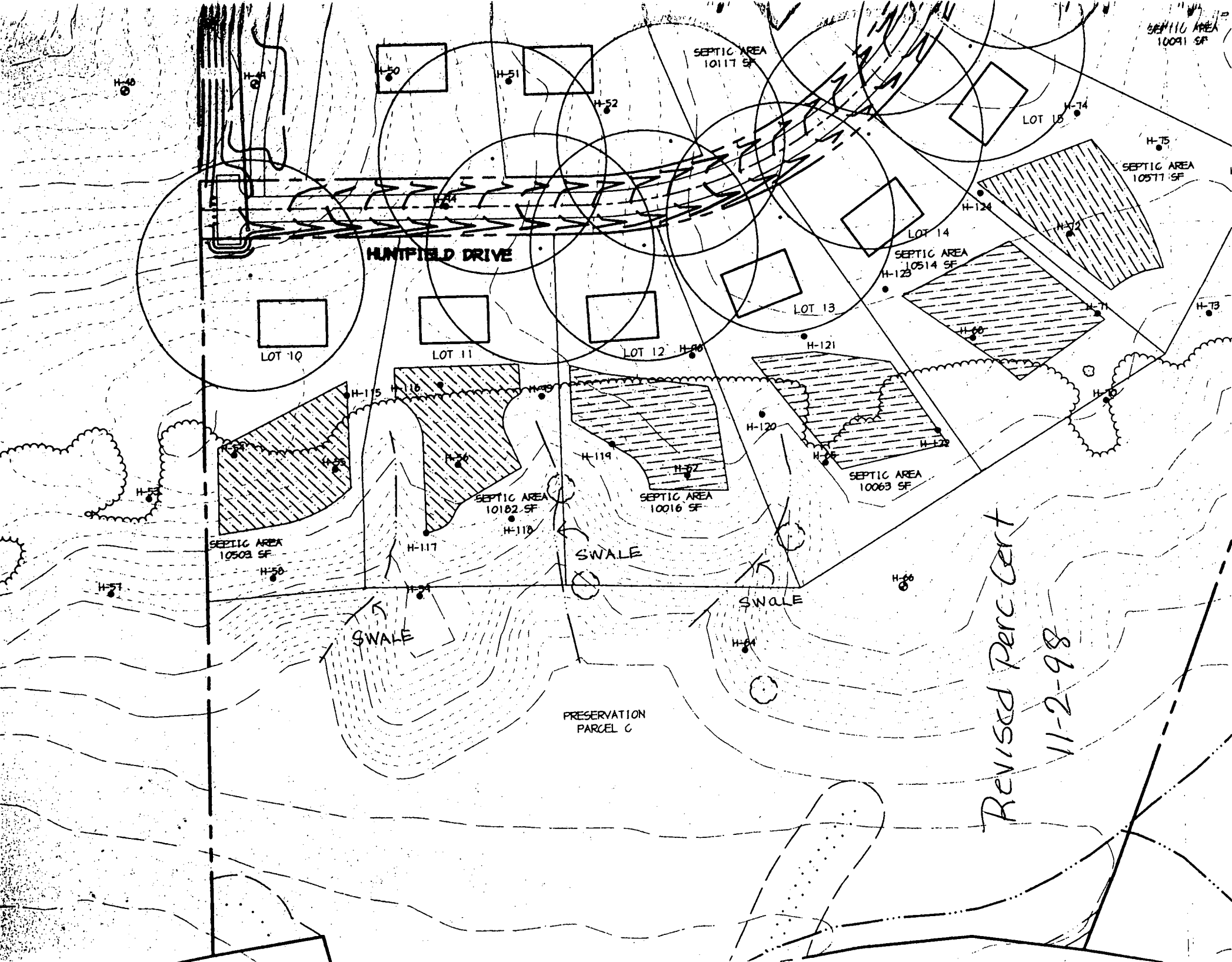
SEPTIC AREA
10,102 SF

SEPTIC AREA
10,503 SF



Revised (not signed)
Perf Cert

PRESERVATION
PARCEL C



HUNTFIELD DRIVE

LOT 10

LOT 11

LOT 12

LOT 13

LOT 14

LOT 15

SEPTIC AREA
10117 SF

SEPTIC AREA
10091 SF

SEPTIC AREA
10514 SF

SEPTIC AREA
10514 SF

SEPTIC AREA
10063 SF

SEPTIC AREA
10182 SF

SEPTIC AREA
10016 SF

SEPTIC AREA
10503 SF

PRESERVATION
PARCEL C

SWALE

SWALE

SWALE

Revised Perc Cert
11-2-98

PARCEL 'B'

LOT 6

FOR CONTINUATION
SEE SHEET 2 OF 3

LOT 16

FOR CONTINUATION
SEE SHEET 2 OF 3

PARCEL

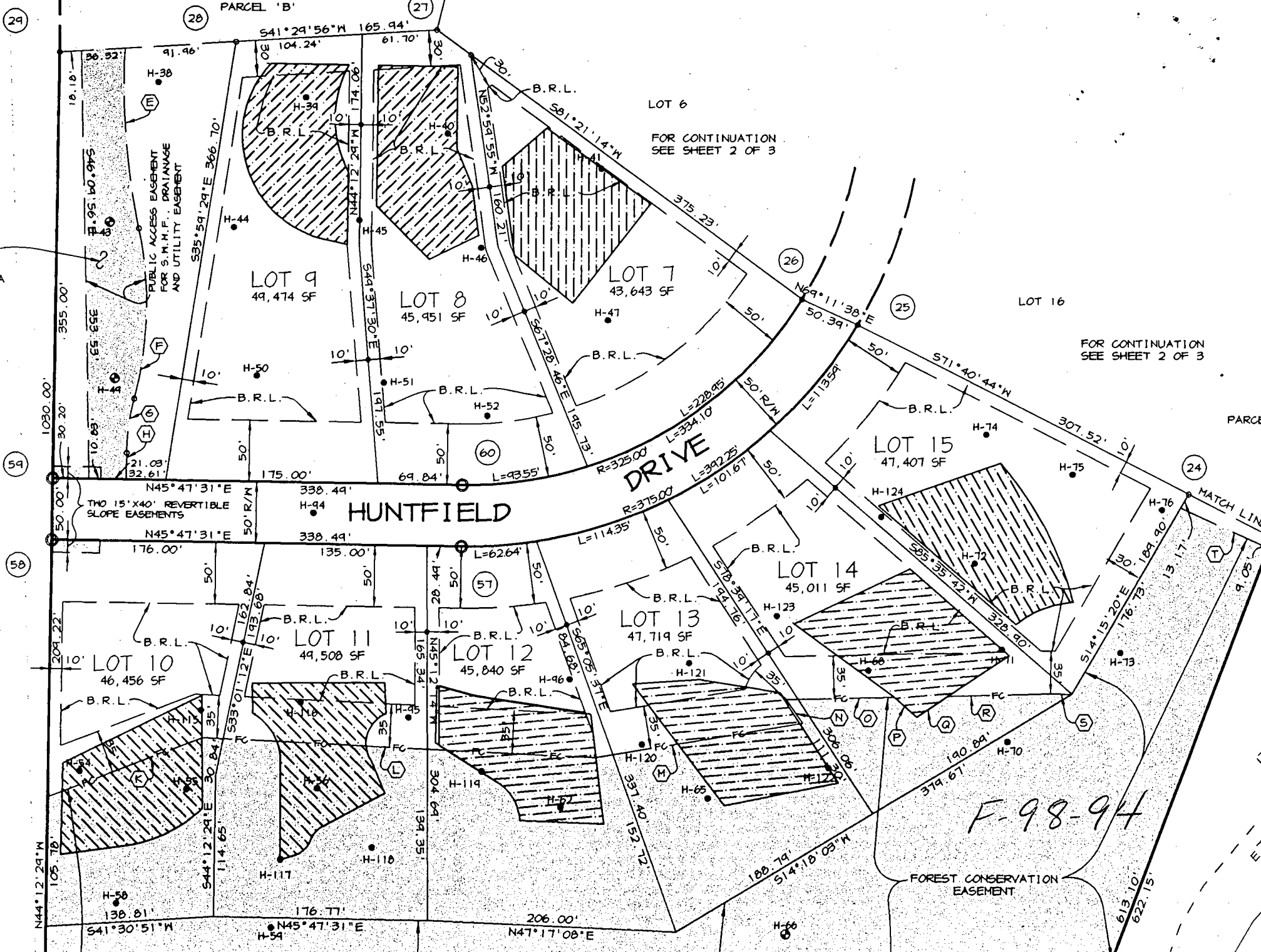
MATCH LINE

F-98-9H

FOREST CONSERVATION
EASEMENT

HUNTFIELD

DRIVE



4/3/00
WPI 12pm

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

~~461-0033~~

410-313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 4-7-00

Name of Installer Lester C. Simmone Jr

Telephone 301-831-7057

License Number AWD611

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Winchester Homes

Telephone _____

Subdivision _____ Lot # 12 Well Tag # HO-94-1713

Site Address 8133 Hunt Field Dr.

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible
- 2. Make Goulds
- 3. Model # 5G507422
- 4. Capacity 5 GPM

Motor

- 1. Horsepower _____
- 2. RPM 3450
- 3. Voltage _____
 - a. 110 _____
 - b. 220

Pitless Adapter

- 1. Make Martinson
- 2. Model # B-10X
- 3. Depth 3 1/2

- 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 86
- 2. Pressure relief valve?

Piping

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

Well data

- 1. Depth 400 ft.
- 2. Yield 4 GPM
- 3. Static water level _____ ft.
- 4. Will water supply be disinfected by installer?

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.

4/4/00-WPI OK -
DWS SRW

Signature of Applicant: Lester C. Simmone Jr

Date: 4-7-00

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

C1 4376

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A57659L

ST/CO USE ONLY DATE Received 10 23 98

DATE WELL COMPLETED 09 30 98

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94 1713

OWNER Winchester Homes STREET OR RFD Hunter Dr TOWN Fulton SUBDIVISION Hunterbrook SECTION LOT 12

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, brown sandy Mica, gray Mica, sand Stone, gray Mica, Mica + Flat Mixed, Gray Mica.

GROUTING RECORD form with fields for YES/NO, TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for MAIN CASING TYPE (ST, PL), Nominal diameter, Total depth of main casing.

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

SCREEN RECORD form with fields for screen type (ST, BR, HO), diameter, depth.

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, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

NUMBER OF UNSUCCESSFUL WELLS: 0

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. MW D 040, DRILLERS SIGNATURE George F. Eastwood, LIC. NO. MW D 501, DRILLERS SIGNATURE Charles K. Latta

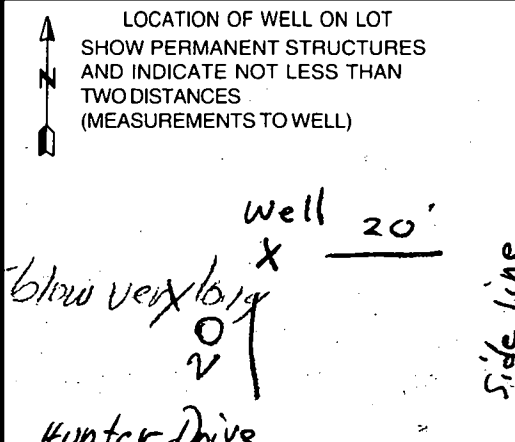
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns 1-21 and rows A-C, R-E, N. Includes handwritten values like #0 62 400.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TIME (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 6894

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1713 fill in this form completely

Date Received (APA) 8 28 98

OWNER INFORMATION RN 7579

Winchester Homes, Inc. 6305 Ivy Lane, Suite 700 Greenbelt, Md. 20770

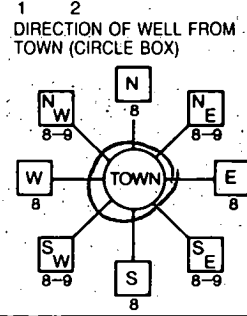
LOCATION OF WELL

Howard Hunterbrooke Fuiton 20 MILES FROM TOWN

DRILLER INFORMATION

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

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Hunter Drive NEAR WHAT ROAD

ON WHICH SIDE OF ROAD: (CIRCLE APPROPRIATE, BOX)

20 DISTANCE FROM ROAD ENTER FT OR MI

WELL INFORMATION

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A57659L COUNTY NAME COUNTY NO. DATE ISSUED 9/2/98 A McMillen 9/2/99

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) AIR-ROTary AIR-PERCussion CABLE JETTED REVerse-ROTary Jetted & DRIVEN ROTARY (Hydraulic 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)

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

APPROP. PERMIT NUMBER 54 G.A.P. 63

PERMIT No. HO-94-1713

SPECIAL CONDITIONS

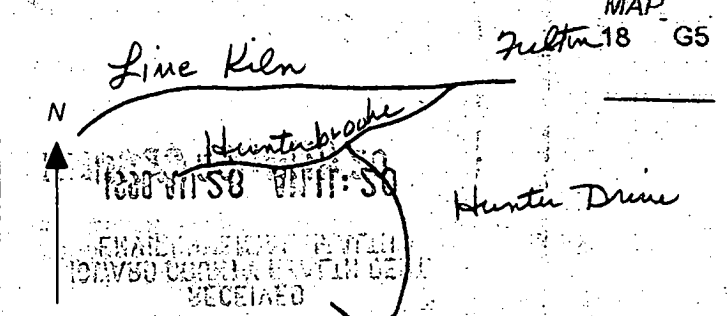
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER 1. wells 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

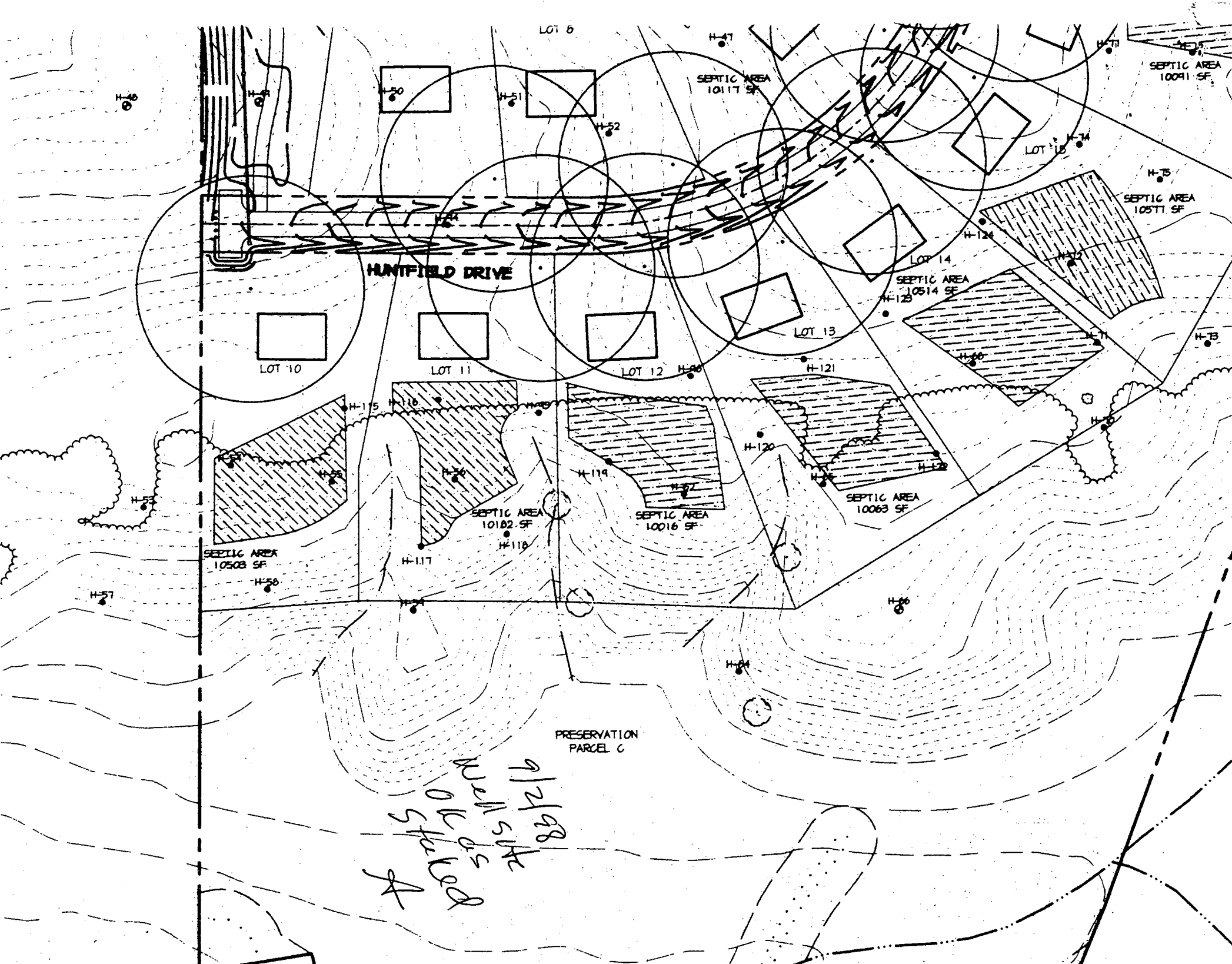
E 820 N 470

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

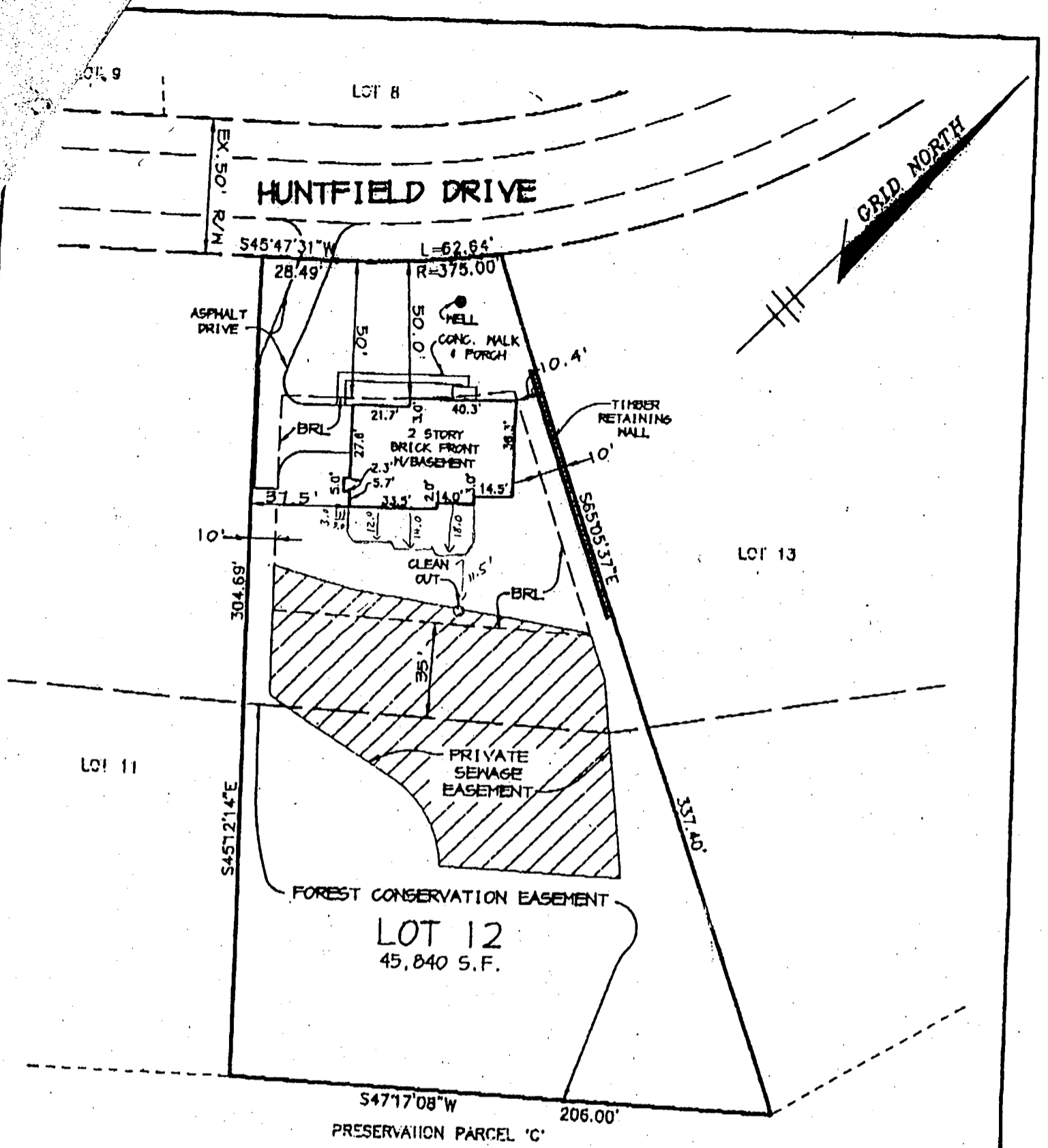


Handwritten notes: 9/24/98 Groot, NOT IN SP, 9/29/98 Groot, NO INFO

Stamp: RECEIVED



9/2/98
Well site
OK as
staked
A



FIRST FLOOR ELEVATION = 433.2
 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 12-04-80 FOR HOWARD COUNTY, MARYLAND.



Arthur E. Muegge
 ARTHUR E. MUEGGE #10751

EMER MUEGGE & ASSOCIATES, INC.
 SUITE 200
 8818 CENTRE PARK DRIVE
 COLUMBIA, MARYLAND 21045
 TELEPHONE (410) 997-8900
 FAX (410) 997-9282

FINAL LOCATION DRAWING
 LOT 12
 HUNTERBROOKE
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 PLAT Nos. 13489 THRU 13491
 SCALE: 1" = 50'