

2/22/00
11.00
2/29/00 Early
A3 AP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-429900

P 5132 00

A 57659-C

DISTRICT _____

DATE 12/30/1999

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 2/29/00

INSPECTOR S.R.K.

INDEXED

Hatfield's Equipment IS PERMITTED TO INSTALL X ALTER _____

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

SUBDIVISION Hunterbrooke LOT 3 ROAD 8061 Hunterbrooke Lane

PROPERTY OWNER Winchester Homes

ADDRESS _____

WATER TIGHT, COMPARTMENTED SEPTIC TANK WITH WASTEWATER EFFLUENT FILTER-MANHOLE CLEANOUT REQUIRED
SEPTIC TANK CAPACITY 1250 1500 GALLONS **PUMPED SEPTIC SYSTEM PROPOSED**

NUMBER OF BEDROOMS 4

INSTALL: 1-1500 GALLON TOP SEAMED PUMP CHAMBER FOR SINGLE PUMP SYSTEM (or dual pump system, if smaller pump chamber preferred).

180 SQUARE FEET PER BEDROOM

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Install distribution box 90 feet from front (303.07') lot line and 45 feet from the left (273.63') lot line as viewed from Hunterbrooke Lane. Install trenches on contour at first toward the left lot line, then in both directions from the distribution box as needed.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 12/30/99 DCS*

PLANS APPROVED BY Ronald J. Pinkley DATE 11/8/1999

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(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

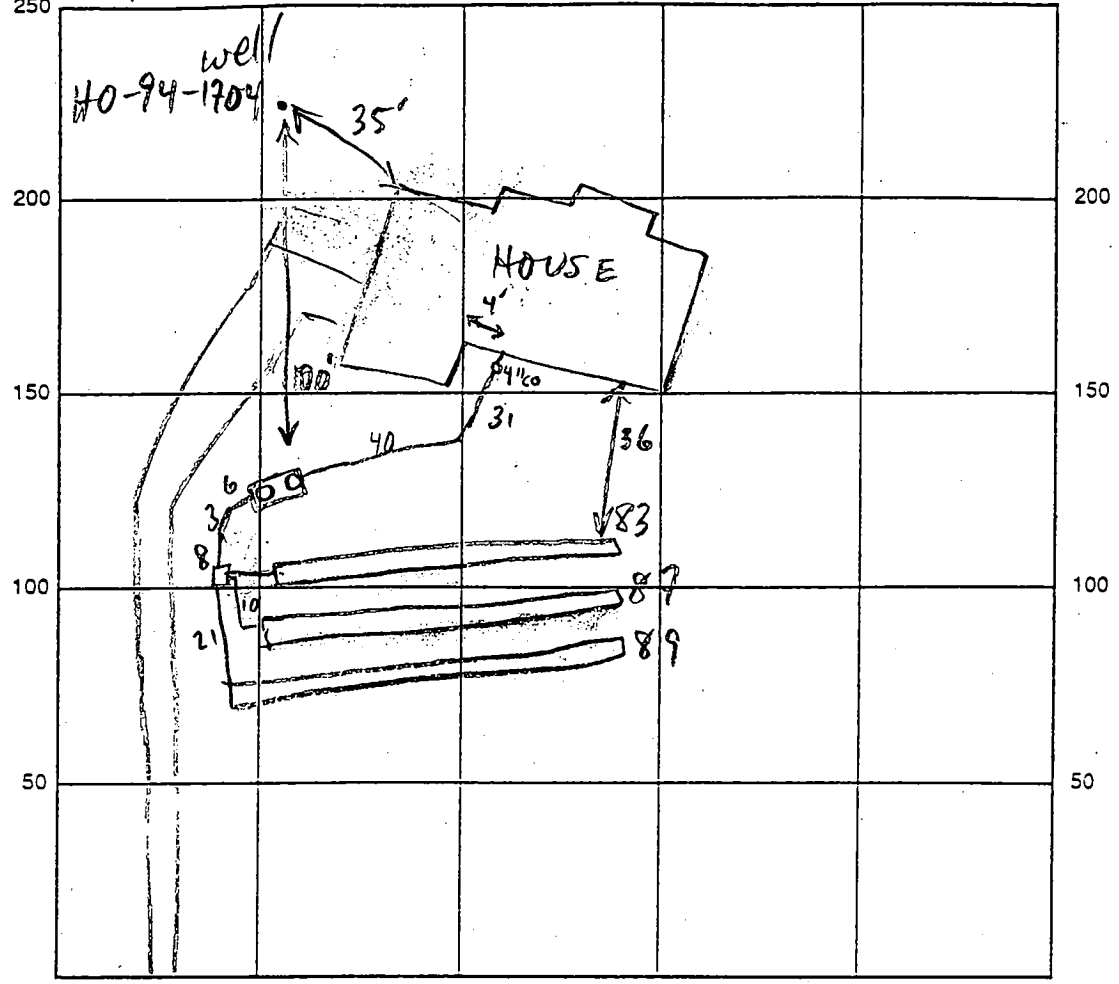
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BLDG PERMIT
NOT RETURNED 5/24/01
B0013041 8 Deck

A 57659 C

WP I OK₅₀ Masters P/br 150 301-948-8950 200 250



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL TOP SERVED ^{W/FILTER} CLEANOUTS MH @ EACH END, 4" at house
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN
 DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 259 FT.
 NUMBER OF TRENCHES 3 ONE-SIDED WALL BOTTOM AREA 777 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: 2/22/00 SYSTEM INSTALLED FOR GRAVITY 1ST FLOOR SERVICE, NO PUMP REQ'D; OK TO COVER TANK & TRENCHES, HOLD FOR HOUSE CONN MR
2/29/00 - HOUSE CONNECTION MADE (SRK)

DATE SYSTEM APPROVED 2/29/00 INSPECTOR Steven R. Kueg

Approved Septic System Plan Howard County Health Department

Total linear feet of trench
required 240 feet

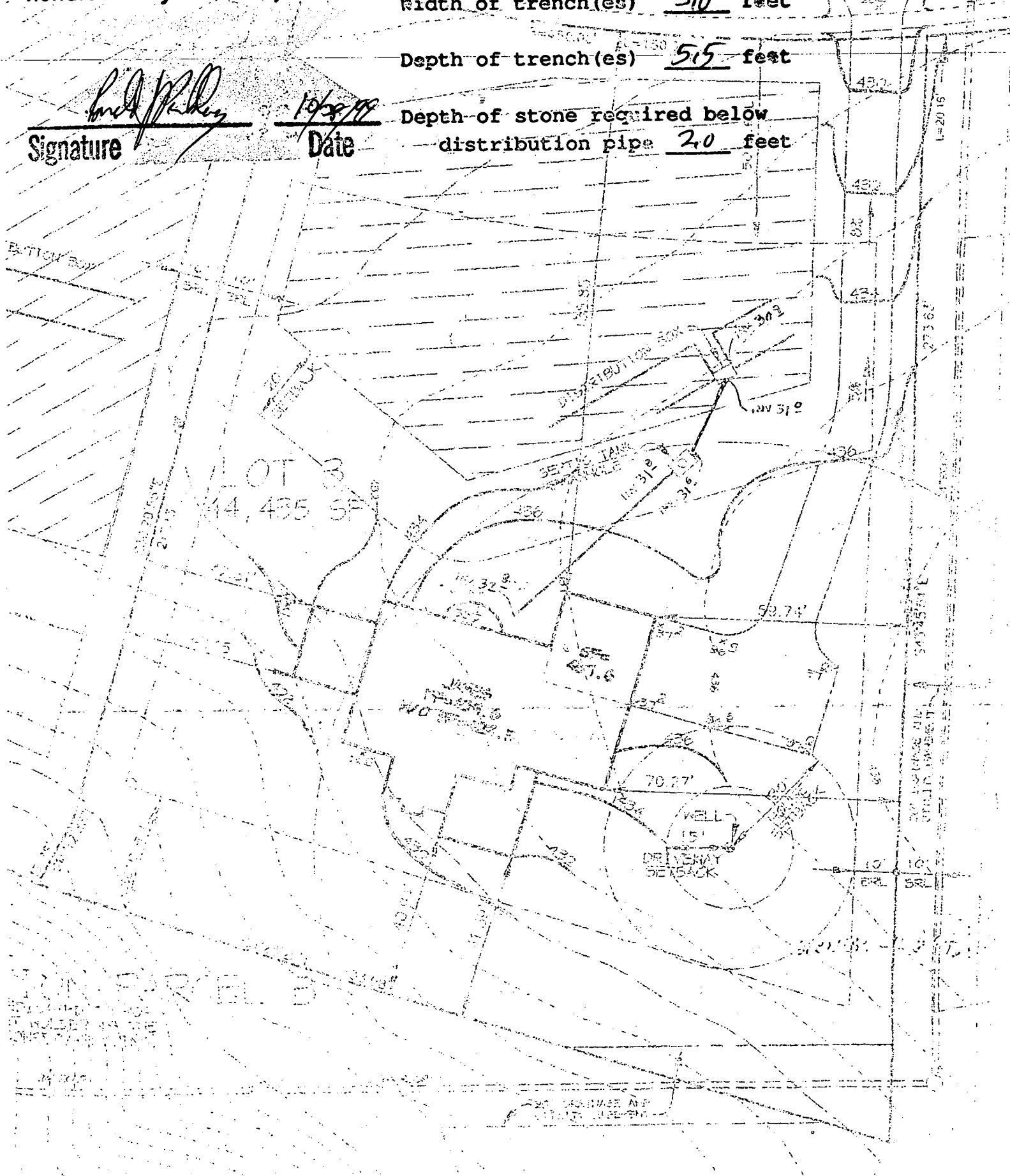
Width of trench(es) 3.0 feet

Depth of trench(es) 5.5 feet

Depth of stone required below
distribution pipe 2.0 feet

[Signature]
Signature

10/28/78
Date



APPLICATION

PERCOLATION TESTING

A 57659

P _____

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

DISTRICT 5th

DATE 1-31-97
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

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. 1-6 #3

ROAD AND DESCRIPTION Common driveway off Lime Kiln Rd 300' from Rt 216 (8061 Huntersbrook Lane)

TAX MAP 46 PARCEL # 360 & 1/0 344

SIZE OF LOT 1 acre TYPE BLDG. _____
REG. PERMIT SYSTEM
AND RETURNED 10-28-99
Serial # 60812-0664
Single Family - 4 Brms
(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. 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

H18

bright red silm
no distinct clay layer
100% shale

H19

bright red silm
bright orange red silm

H20

dark brown silm
dark orange red silm

SOIL PROFILE

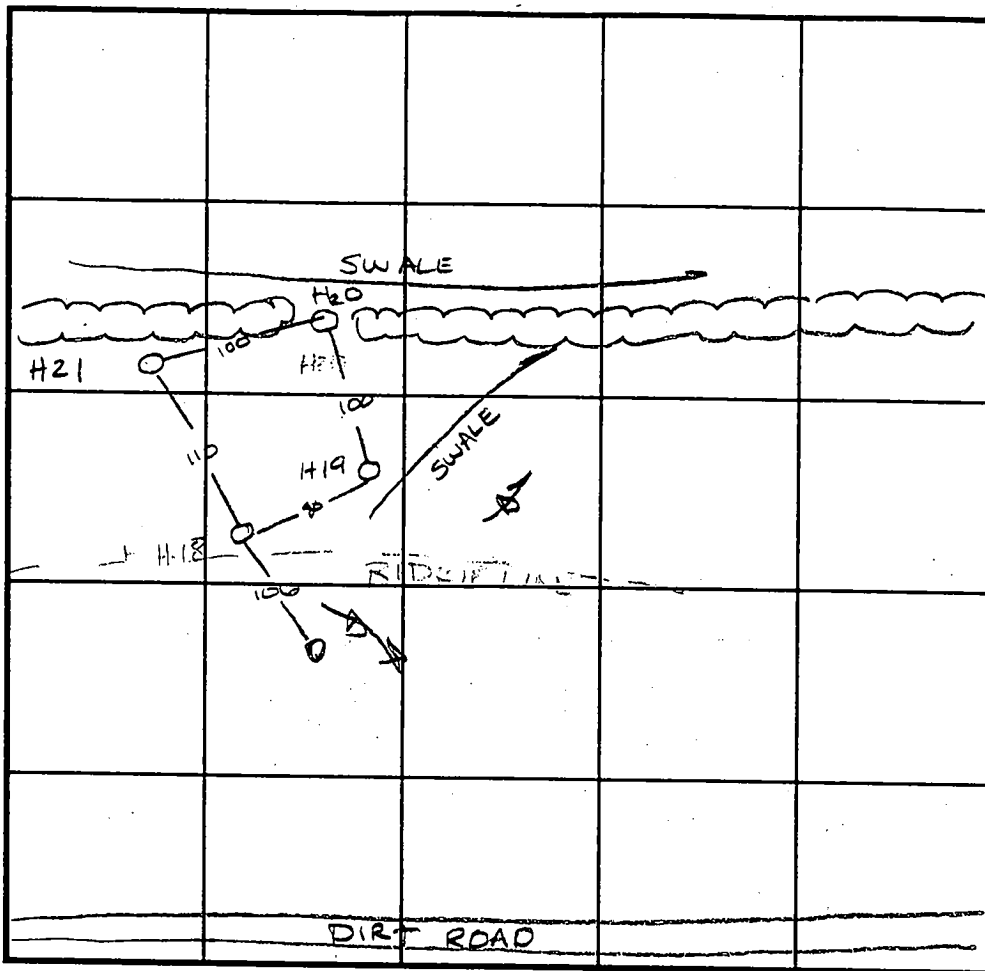
H21

dark brn silm
dark red silm
water melting from frost at 1.5
lgt tan beige silm
50% spherulite

106
orange red silm

bright red silm

red pink silm
micaceous



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-5-97	H18	5.5 / 12.0	2:12 ³⁰	2:14	2:14	2:16 ³⁰	2 1/2 min
	H19	6.0 / 11.0	1:50	1:51	1:51	1:56	5 min
	H20	6.5 / 12.0	1:45	NO MOVEMENT - Deep clay			F
	H21	5.5 / 12.0	1:47	1:51	1:51	1:59	8 min
9-11-97	106	5.5 / 12.0	2:18	2:21	2:21	2:31	10 min

REMARKS H20 located in C. of swale

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

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

1 HOLE CONVEGATION TEST

DISTRICT _____

DATE 11/9/97

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER JAY PAREKLI

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION PRINCE PROP LOT NO. 3

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT 1 AC TYPE BLDG. SEA
(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.

(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 #

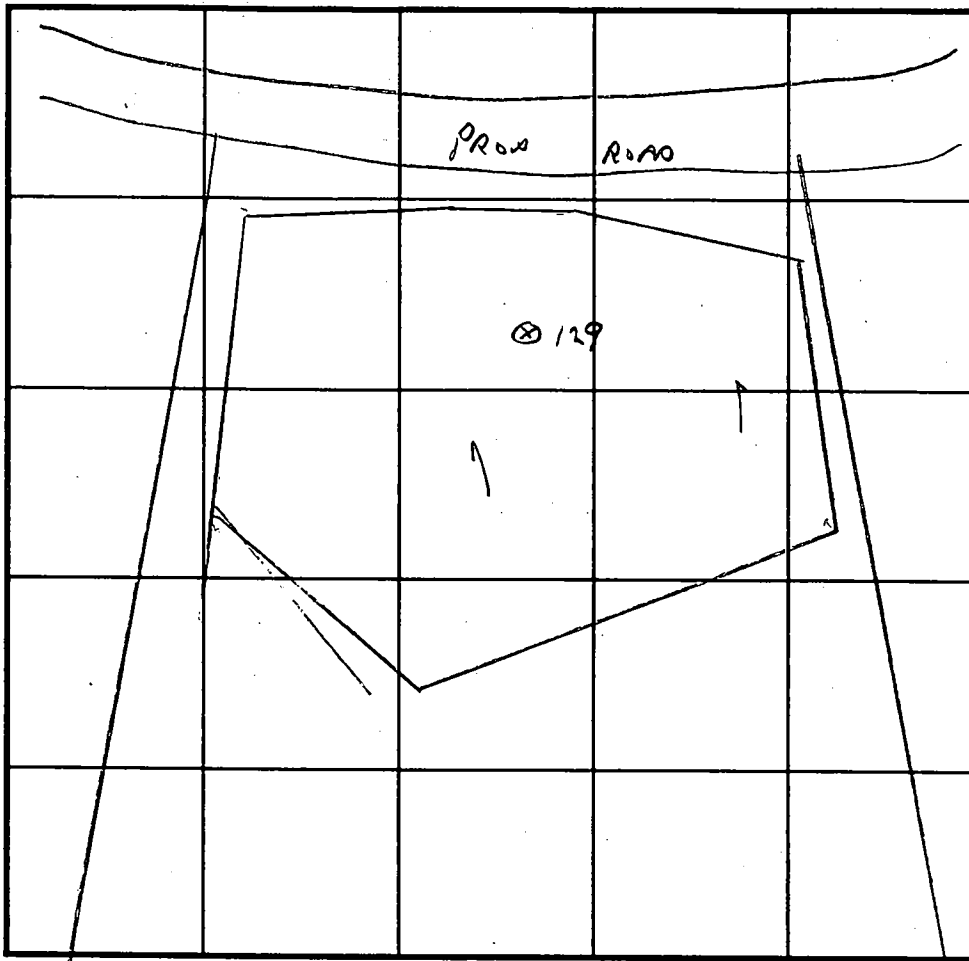
SOIL PROFILE

0'

Empty rectangular box for soil profile data.

Empty rectangular box for soil profile data.

Empty rectangular box for soil profile data.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

N
 0'
 6"
 3.5-6
 (B)
 C
 12

SOIL PROFILE
 129
 ORGANIC O+AA
 7.54R 4/6
 FIRM SBL
 CL MFT 4p
 2.54R 4/6
 S1
 1-2CM
 HORIZ
 BANING
 W/MICA
 LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/9/97	129	5/12	2:25	2:34		2:38	4min

REMARKS LOT 2 NOTE VERY IRREGULAR BOUNDARY BETWEEN B/C HORIZONS

TYPE OF SOIL _____

TESTED BY G. SAVAGE ALSO PRESENT HATEGLOJ, JAY PAREKH

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4min TRENCH WIDTH 2

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 6 SQ. FT/BEDROOM 180

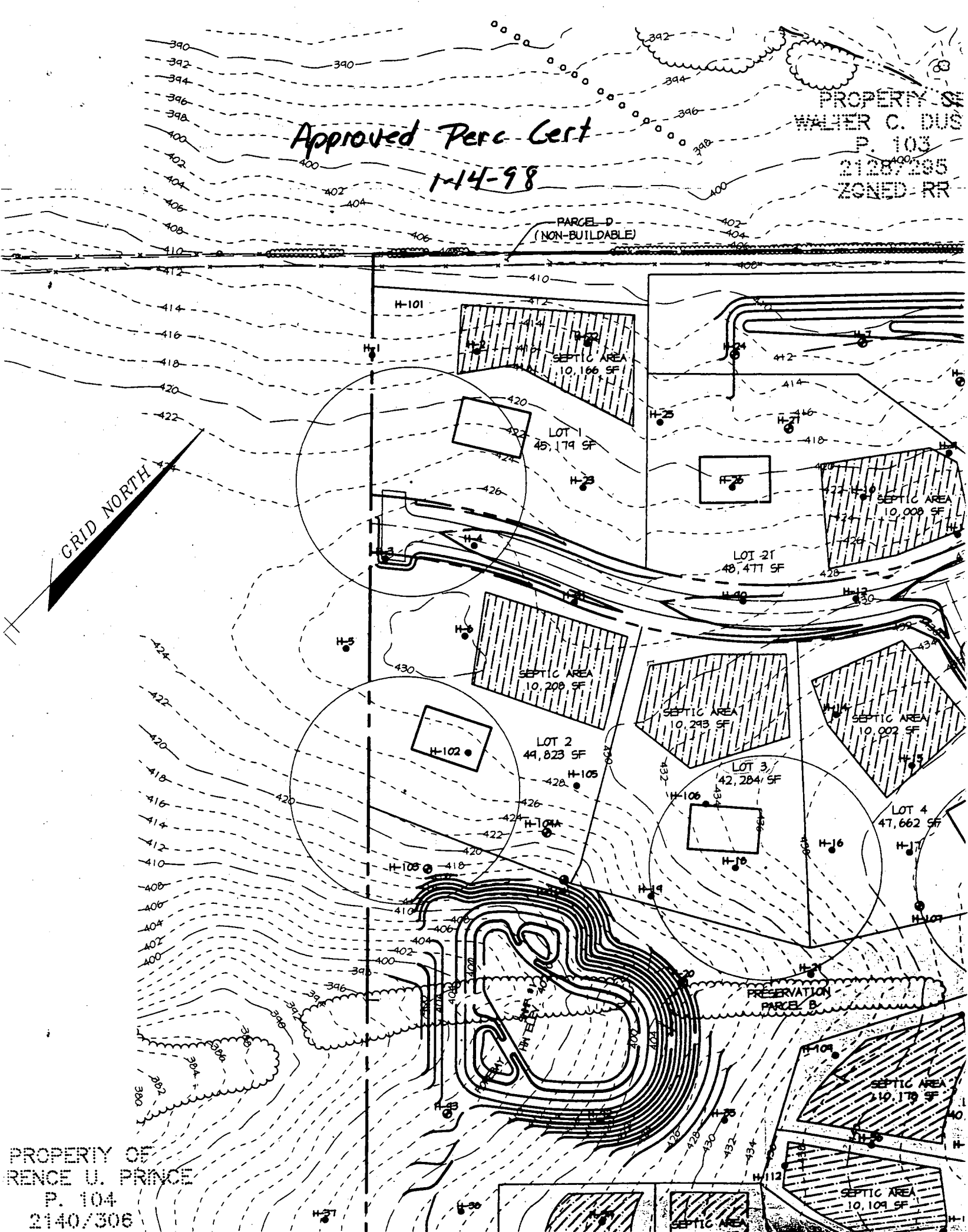
Approved Perc Cert 1-14-98

PROPERTY OF
WALTER C. DUS
P. 103
2128/295
ZONED RR

PARCEL D
(NON-BUILDABLE)

GRID NORTH

PROPERTY OF
RENCE U. PRINCE
P. 104
2140/306



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 _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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.

(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 _____

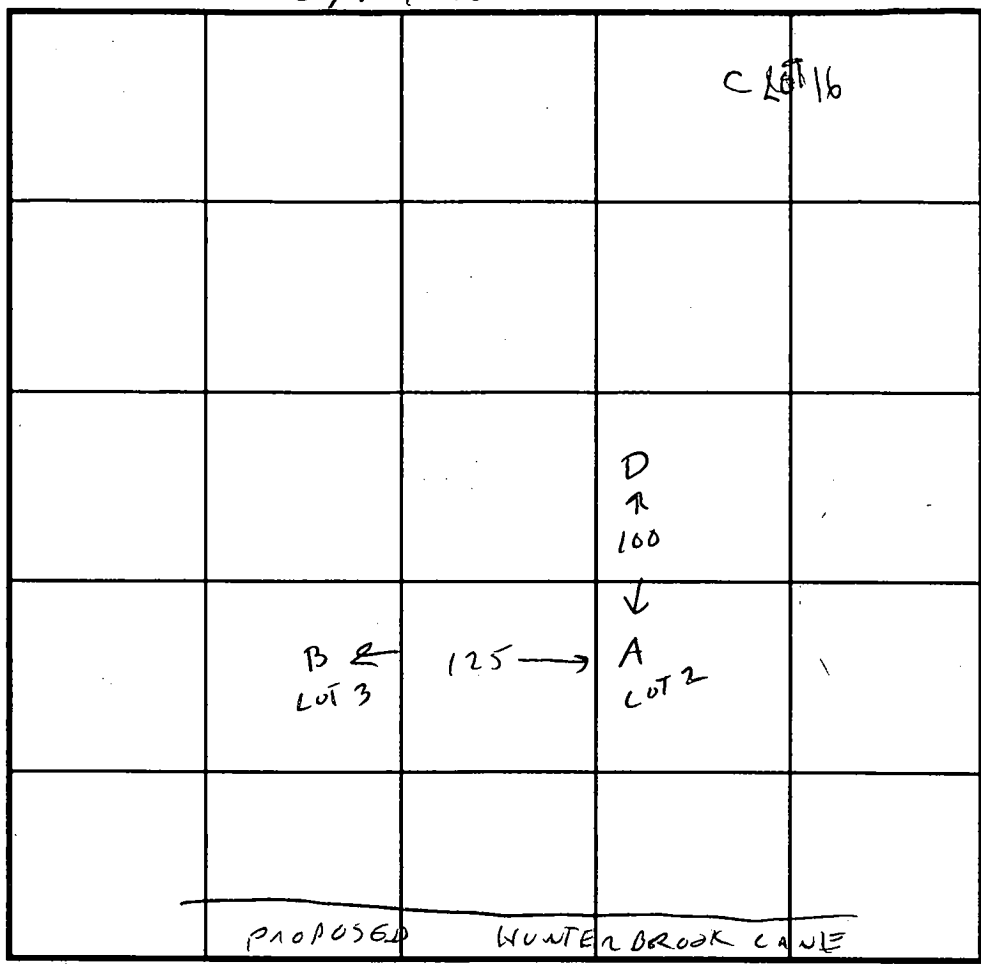
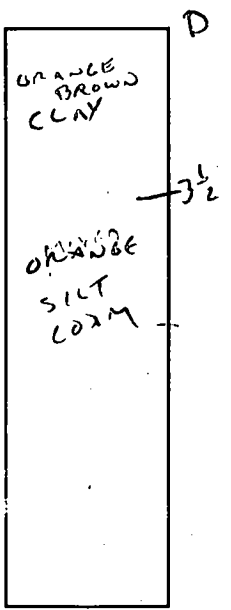
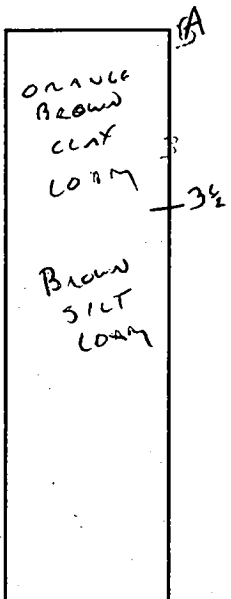
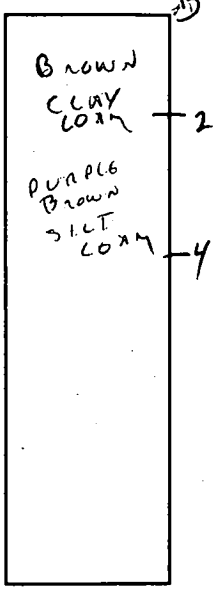
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

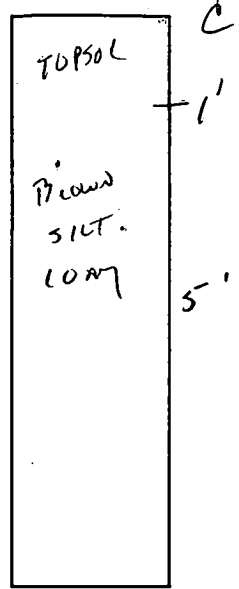
HUNTER BROOK / PRINCE

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/18/98	B	3 1/2	2:28	2:30	2:30	2:34	4 MIN
	A	4 1/2	2:38	2:41	2:41	2:46	5 MIN
	D	5 1/2	2:48	2:54	2:54	3:17	17 MIN
	C	4	3:04	3:06	3:06	3:09	3 MIN

REMARKS HUNTER BROOK / PRINCE FOLLOW-UP EVALUATIONS LOTS 2, 3, 16

TYPE OF SOIL _____

TESTED BY C. Wilbur ALSO PRESENT DAVID MONK

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

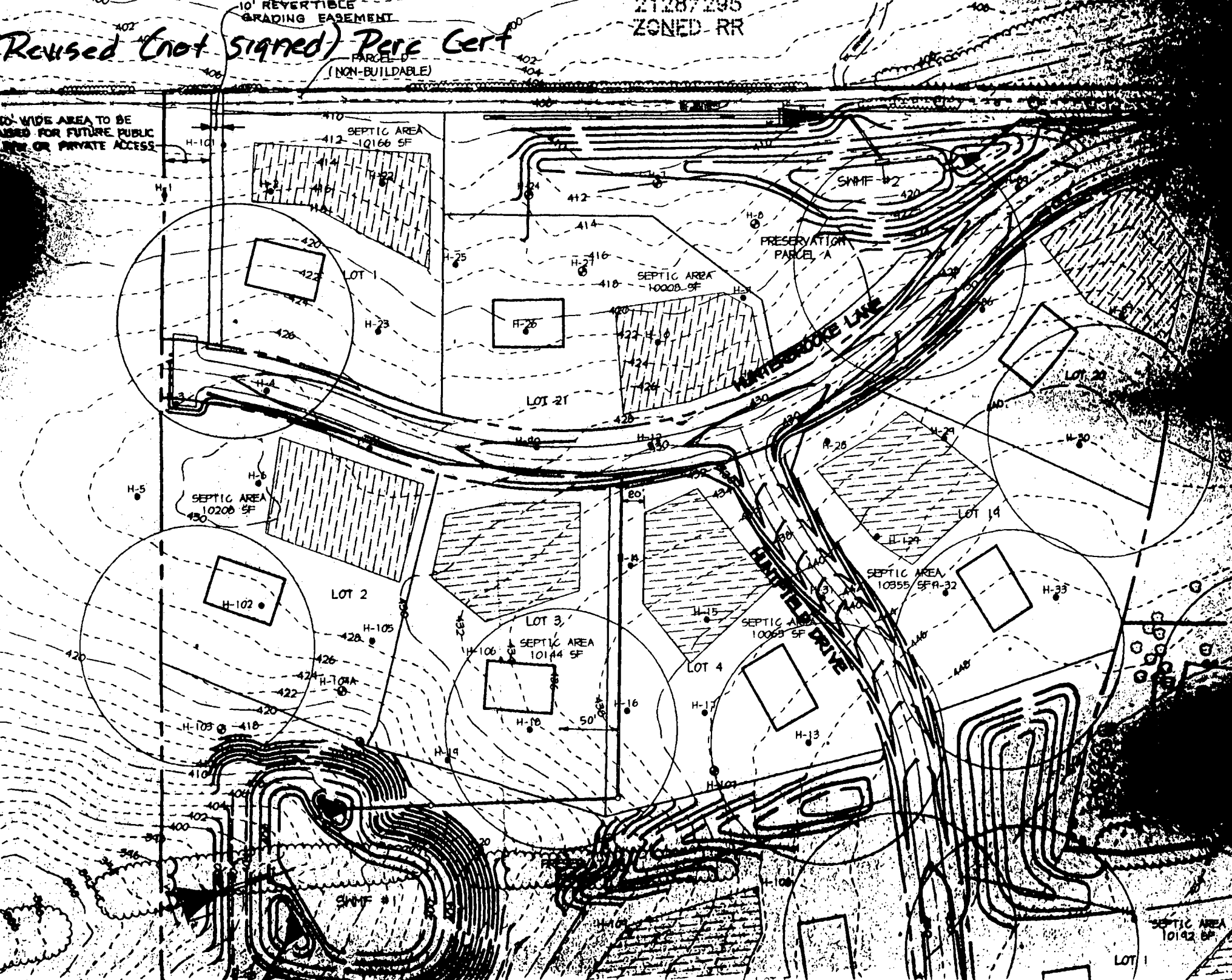
10' REVERTIBLE GRADING EASEMENT

21287295 ZONED RR

Revised (not signed) Perc Cert

PARCEL D (NON-BUILDABLE)

60' WIDE AREA TO BE USED FOR FUTURE PUBLIC OR PRIVATE ACCESS



EX. PRIVATE ACCESS EASEMENT
L. 2110, F. 286
TO BE ABANDONED

PARCEL 'D'
NON-BUILDABLE
18,411 SQ. FT. OR 0.423 AC. PARTIAL AREA
(TOTAL AREA 30,634 SQ. FT. OR 0.704 AC.)
TO BE DEDICATED TO HOME OWNERS ASSOCIATION

REVERTIBLE TEMPORARY ACCESS EASEMENT AREA
TO BE PROVIDED UNTIL PERMANENT CONNECTIONS
ARE MADE TO HUNTERBROOKE LANE

EX. PRIVATE
ACCESS EASEMENT
L. 2110, F. 286
TO BE ABANDONED

FOR BLOW-UP
SEE THIS SHEET

5/8" I. PIN
FOUND (NOT H)

FOR BLOW-UP
SEE THIS SH

ED
OR
A

15 AC.
HOME
ON
LE
RO
BLIC/
WAY

40.20'

35

36

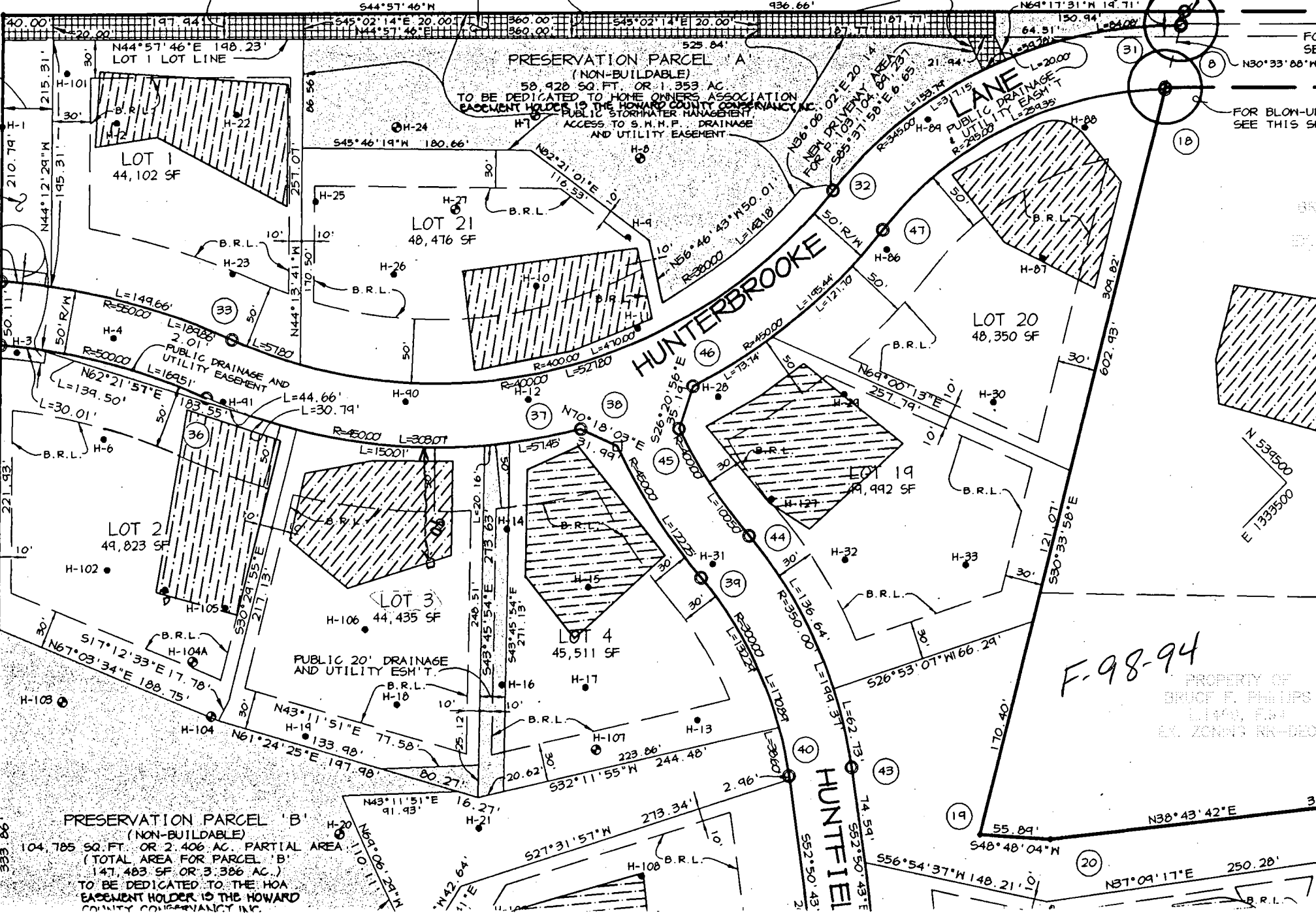
37

38

39

40

41



F-98-94

PROPERTY OF
BRUCE F. PHILLIPS
L.M.S., E.M.
L.M. ZONING RE-DE

Steve
410-313-2678

Handwritten initials and date: 5/2/00

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

~~461-0933~~

410-313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 3-1-00

Name of Installer Lester C. Simmons Jr.

Telephone 301-831-7057

License Number JW0611
Certified Well Pump Installer _____

Well Driller Registered Plumber _____

Name of Property Owner Winchester Homes
Subdivision Hunter Knocks Lot # _____
Site Address 2061 Hunter Knocks Ln

Telephone _____
Well Tag # HO-94-1704

Pump

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

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

- Pitless Adapter
 - 1. Make Martinsen
 - 2. Model # B-1A
 - 3. Depth 3 1/2

- 2. Make Grundfos
- 3. Model # 56507422
- 4. Capacity 2 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 86
- 2. Pressure relief valve? Yes

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

- Well data
 - 1. Depth 400 ft.
 - 2. Yield 2 GPM
 - 3. Static water level _____ 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.

2/29/00-WPION-MR ^(SRU) Signature of Applicant: Lester Simmons Jr.
Date: 3/1/00

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

C1 04016

SEQUENCE NO. (MDE USE ONLY) 28-279

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COBS. 3-6 ON ALL CARDS)

COUNTY NUMBER 57659C

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-1704

DATE Received 10/23/98

10/10/98

400 (TO NEAREST FOOT)

OWNER Winchester Homes, STREET OR RFD Hunterbrooke DR, TOWN Fulton, SUBDIVISION Hunterbrooke Ln, SECTION, LOT 3

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets, if needed), FEET (FROM, TO), check if water bearing. Includes entries for top soil, Shale, Clay, Sand, and Gray m&A.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD

MAIN CASING TYPE (ST), Nominal diameter (6), Total depth of main casing (80).

OTHER CASING (if used) diameter, depth (feet).

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT), insert appropriate code below.

PUMPING TEST

HOURS PUMPED (6), PUMPING RATE (2), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (29), BEFORE PUMPING (29), WHEN PUMPING (107), TYPE OF PUMP USED (S).

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (2).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), 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. MW0040, DRILLERS SIGNATURE: George F. Chatterday

LIC. NO. MW0481, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

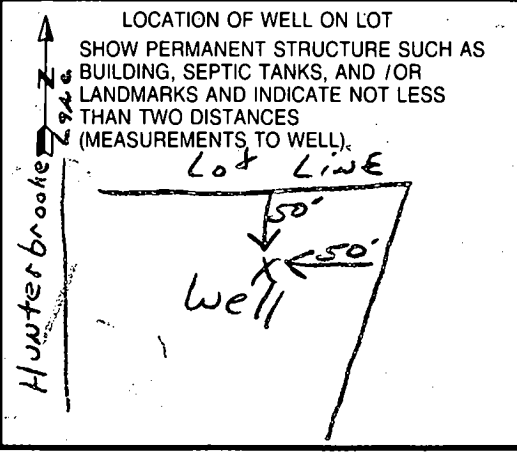
DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, C, R, E, E, N. Includes depth values for various casing sections.

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

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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



10/16/98

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1704
 Location of property (road) Hunterbrook Lane
 Subdivision Hunterbrook Lot 3 Block _____ Plat _____ Sec. _____
 Well Driller George Easterday Owner Winchester Homes

Depth of well 400 - 2 gpm
 Distance of measuring point (M.P.) above ground 2' feet
 Static water level (S.W.L.) below M.P. 29' feet

I. High rate pumping -- reservoir drawdown

Time pump started 7:40 Pumping rate 150 gpm
 Total time 15 min to reach pumping water level 107' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

Pump Set 380'

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5/1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:55	107'	15 seconds		4
8:10	107'	15 seconds		4
8:25	107'	20 seconds		3
8:40	107'	20 seconds		3
8:55	107'	20 seconds		3
9:10	107'	25 seconds		2.8
9:25	107'	25 seconds		2.8
9:40	107'	30 seconds		2
9:55	107'	30 seconds		2
10:10	107'	30 seconds		2
10:25	107'	30 seconds		2
10:40	107'	30 seconds		2
10:55	107'	30 seconds		2
11:10	107'	30 seconds		2
11:25	107'	30 seconds		2
11:40	107'	30 seconds		2
11:55	107'	30 seconds		2
12:10	107'	30 seconds		2
12:25	107'	30 seconds		2
12:40	107'	30 seconds		2
12:55	107'	30 seconds		2
1:10	107'	30 seconds		2
1:25	107'	30 seconds		2
1:40	107'	30 seconds		2
1:55	107'	30 seconds		2

1:55 107' 30 seconds

2
SONNY

EMERGENCY/TEMP NO. IF ANY

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

SEQUENCE NO. (MDE USE ONLY) **6885**

STATE PERMIT NUMBER **HO-94-1704**
fill in this form completely

Date Received (APA) **08 28 98**

OWNER INFORMATION RN **7570**

LOCATION OF WELL CC#

B 3 **Howard** COUNTY **21**

Hunterbrooke SUBDIVISION **42**

SECTION **44** **46** LOT **3** **48** **50**

Fulton NEAREST TOWN **71**

MILES FROM TOWN (enter 0 if in town) **0** M I **73** **76** **77** **78**

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

DRILLER INFORMATION
George F. Easterday M WD 040
L. Franklin Easterday, Inc.
9265 Brown Church Rd., MT. Airy, Md. 21771

B 4 **Hunterbrooke Lane** NEAR WHAT ROAD **30**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH SOUTH WEST EAST

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
N W E S

DISTANCE FROM ROAD **200** Ft. ENTER FT OR MI **38** **39**

TAX MAP: _____ BLK: _____ PARCEL: _____

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 Co COUNTY NAME **A57659C** COUNTY NO.
STATE SIGNATURE _____ INSERT S _____
DATE ISSUED **9/2/98** **A M C M O O** **9/2/99**
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID **470** 000 EAST GRID **820** 000
50 55 57 63

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
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) _____

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
10.10.98
GROUT NO IASA
KMI
Lime Kiln
Hunterbrooke
Hunter Drive
Fulton
MAP 18 G5

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROP. PERMIT NUMBER **54** G.A.P. **63**
PERMIT No. **HO-94-1704**

SPECIAL CONDITIONS
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

GRID NORTH

5/24/87
800/30918
shown deck
location ok
du

HUNTERBROOKE LANE

EX. PAVING

EX. 50' R/W

$L=150.01'$ $R=450.00'$

LOT 2

LOT 4

LOT 3
44,435 SF

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

EX. SEPTIC FIELD

SEPTIC CLEAN OUT

CONG. PORCH

3' CONG. WALK

MACADAM DRIVENAY

#8061
TWO STORY
BRICK & FRAME
HOUSE WITH
BASEMENT

WELL

BUILDING RESTRICTION LINE

$S17^{\circ}12'33''E$
17.78'

$S50^{\circ}29'55''E$

217.13'

213.63'

$S43^{\circ}45'54''E$

$N61^{\circ}24'25''E$

214.25'

PRESERVATION PARCEL 'B'

EX. PUBLIC STORMWATER MANAGEMENT
DRAINAGE AND UTILITY EASEMENT

EX. PUBLIC 20'
DRAINAGE &
UTILITY
EASEMENT PLAT
No. 13490

William L. Conner
Brenda K. Conner

FIRST FLOOR ELEVATION = 439.0

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 (INCLUDING EXISTING AND PROPOSED SEWER AND WATER LINES AND UTILITIES FLOODINGS) 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

du

EMER MUEGGE & ASSOCIATES, INC.
SUITE 200
8818 CENTRE PARK DRIVE
COLUMBIA, MARYLAND 21045

TELEPHONE
0) 997-8900

FAX
(410) 997-9282

FINAL LOCATION DRAWING

LOT 3
HUNTERBROOKE
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
PLAT Nos. 13489 THRU 13491

SCALE: 1"=40'