

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-330338

P 513130

A 50830-NN

DISTRICT \_\_\_\_\_

DATE 11/18/1999

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 11/29/99

INSPECTOR AA

INDEXED

Van Sant Plumbing & Heating IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 3 N. Main Street, Mt. Airy, MD 21771 PHONE 301-829-0444

SUBDIVISION Brantwood LOT 18 ROAD 11516 Stardust Lane

PROPERTY OWNER NV-Homes Villano

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 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 150 feet down the right lot line and 50 feet off that same lot line as seen when facing the lot from Stardust Lane. Run trenches on contour initially toward the right lot line then in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/14/99 DS

PLANS APPROVED BY Amy McMillen DATE 6-28-1999

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.

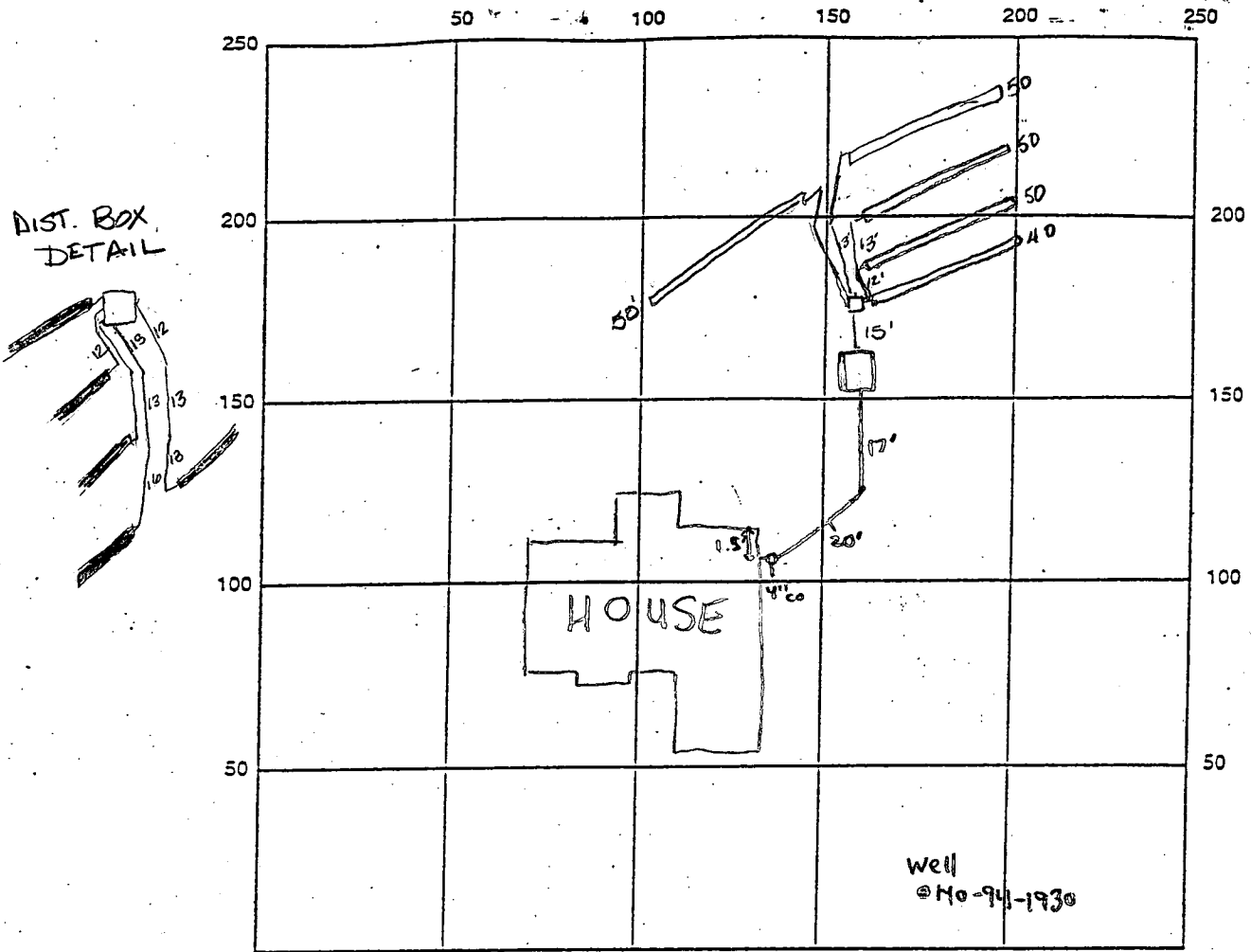
BLDG. PERMIT SIGNED AND RETURNED 5/17/00

300124267 Pool

BLDG. PERMIT SIGNED AND RETURNED 4/5/01  
300129457 Deck

11 50830NN

11/29/99  
e.o. 2:00



SEPTIC TANK LEVEL 1250 gallon midream CLEANOUTS 4" @ House

DISTRIBUTION BOX LEVEL OK - speed levelers in place

DRAIN FIELD/TITLE DEPTH 4.0 FT. TRENCH WIDTH 3.0 FT. 3 INLET DEPTH 2.0 FT. 2

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 240 FT. 240

NUMBER OF TRENCHES 5 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: 11/24/99 - OK TO CONTINUE WORK (SRW) 11/29/99 OK to cover all work final of CMcMell

DATE SYSTEM APPROVED 11/29/99 INSPECTOR A CMcMell

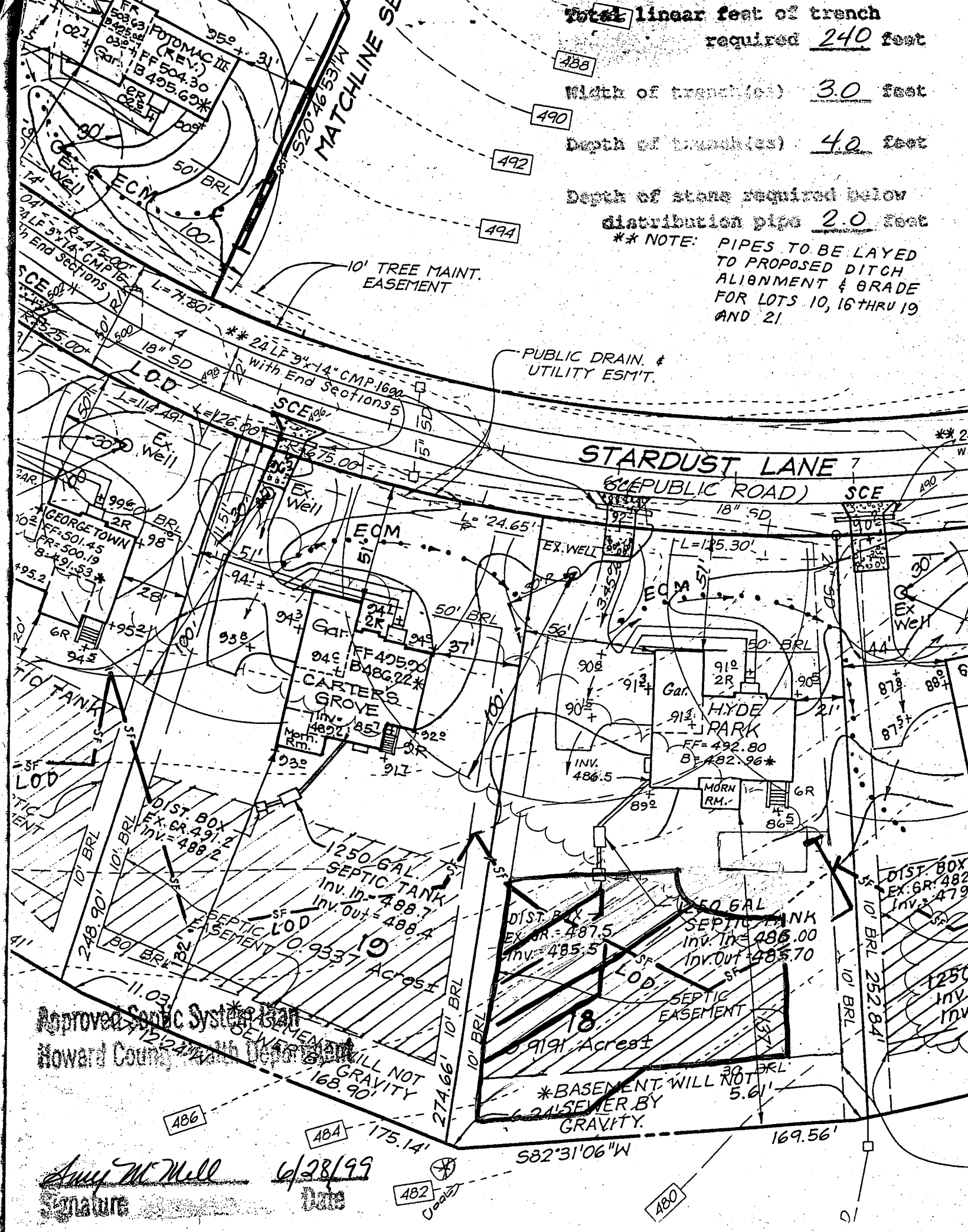
Total linear feet of trench required 240 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 4.0 feet

Depth of stone required below distribution pipe 2.0 feet

\*\* NOTE: PIPES TO BE LAYED TO PROPOSED DITCH ALIGNMENT & GRADE FOR LOTS 10, 16 THRU 19 AND 21



Approved Septic System Plan  
Howard County Health Department

\*BASEMENT WILL NOT ALLOW GRAVITY

\*BASEMENT WILL NOT ALLOW GRAVITY

Amy McMill  
SPLAINE

6/28/99  
Date

482  
Clear

480

11/24/99  
WPI am

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 Van der Pijp Telephone 301-829-0444

License Number 1467 Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner Mr. Alamos Telephone 301-858-0522  
Subdivision Bramblewood Lot # 18 Well Tag # HO-94-1930  
Site Address 11516 Stardust Lane

Pump  
1. Type  
a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible   
2. Make Goulds  
3. Model # 76305422  
4. Capacity \_\_\_\_\_ 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 \_\_\_\_\_

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

Pitless Adapter  
1. Make Campbell  
2. Model # 510C  
3. Depth 48"

Tank  
1. Capacity 1-100  
2. Pressure relief valve? Yes

Piping  
1. Type PE  
2. Size 1"  
3. NSF and/or BOCA Code approved   
4. Depth of supply line 48"

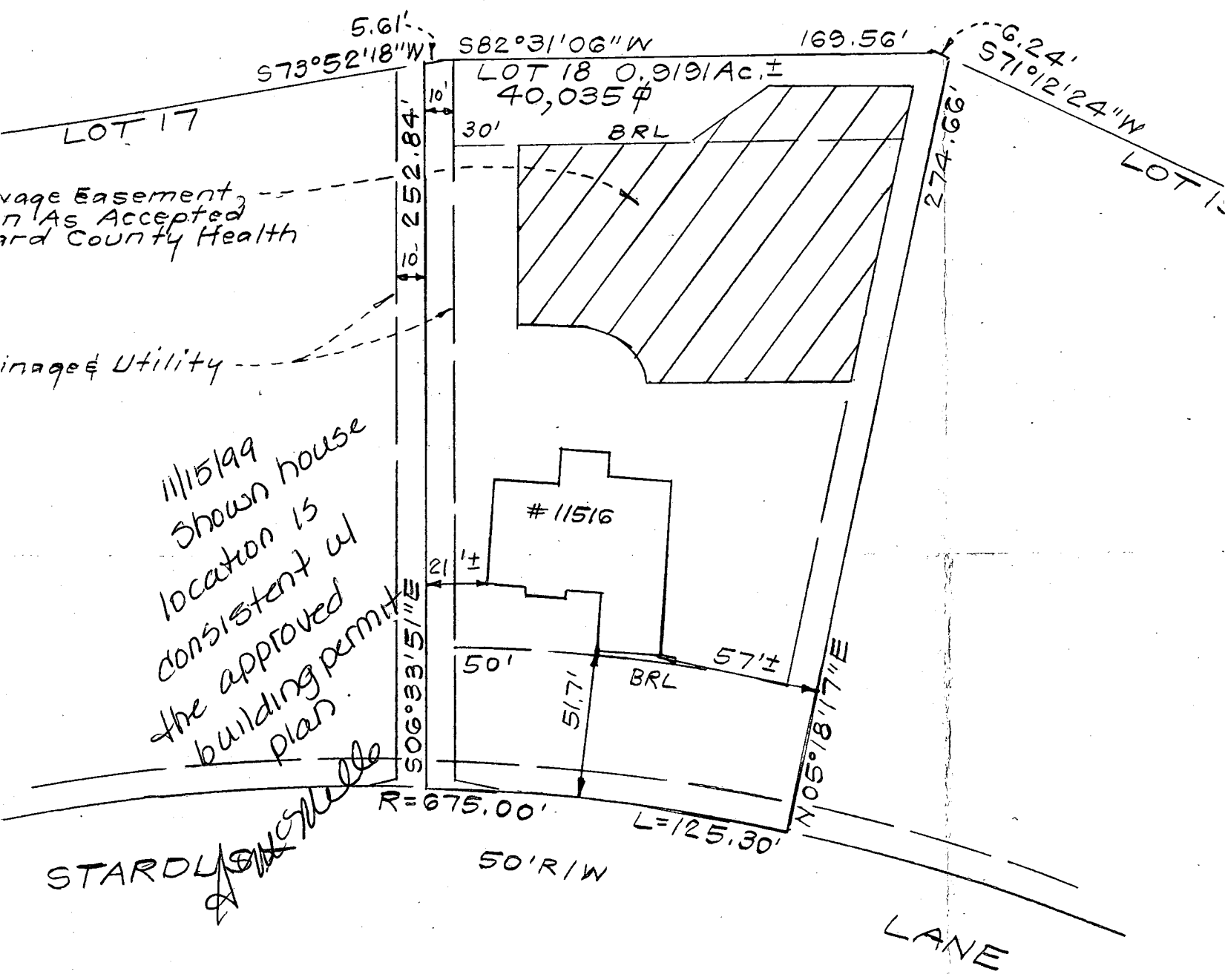
Well data  
1. Depth 200 ft.  
2. Yield 10 GPM  
3. Static water level \_\_\_\_\_ ft.  
4. Will water supply be disinfected by installer? \_\_\_\_\_

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.  
11/24/99 - WPI OK - (SRW)  
Signature of Applicant: Harford Alamos  
Date: 8.31.99

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

PRESERVATION PARCEL "C"



Drainage Easement, as Accepted by Howard County Health

Drainage & Utility

11/15/99 shown house location is consistent w/ the approved building permit plan.

STARDUST LANE

LOCATION DRAWING  
11516 STARDUST LANE  
LOT 18  
BRANTWOOD



CLARK • FINEFROCK & SACKETT, INC.  
ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH

1. The ± setback distance

# 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 8/15/95

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 Feaga Family NV HOMES

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Land Marketing, Inc. C/O Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City PHONE 313-8808  
21042

PROPERTY LOCATION:

SUBDIVISION Feaga Property LOT NO. 22 23 2017

ROAD AND DESCRIPTION Rt 144 + Folly Quarter Rd  
(11516 Stardust Lane)

TAX MAP 16+23 PARCEL # 34+63

SIZE OF LOT 1 acre +/- TYPE BLDG. SFD - 4Bm  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**SALE PRICED SIGNED**  
**AND RETURNED** 6-28-99  
Serial # B 1011 P 08-2  
SFD - 4Bm

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. Mark A. Reil  
(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

1077

red  
orange  
SiClm

2'  
orange  
brown  
SaSiLm

5'  
dark  
grey  
brown  
20%  
shale

9'  
yellow  
orange  
mottled  
SaLm

1076 1075

dark  
brn  
SiLm

1 1/2'  
yellow  
orange  
SaLm

8'  
orange  
brn  
SaSiLm

10 1/2'  
dark  
brn  
SaLm  
15%  
rock

1078

3'  
dark  
brown  
SiClm

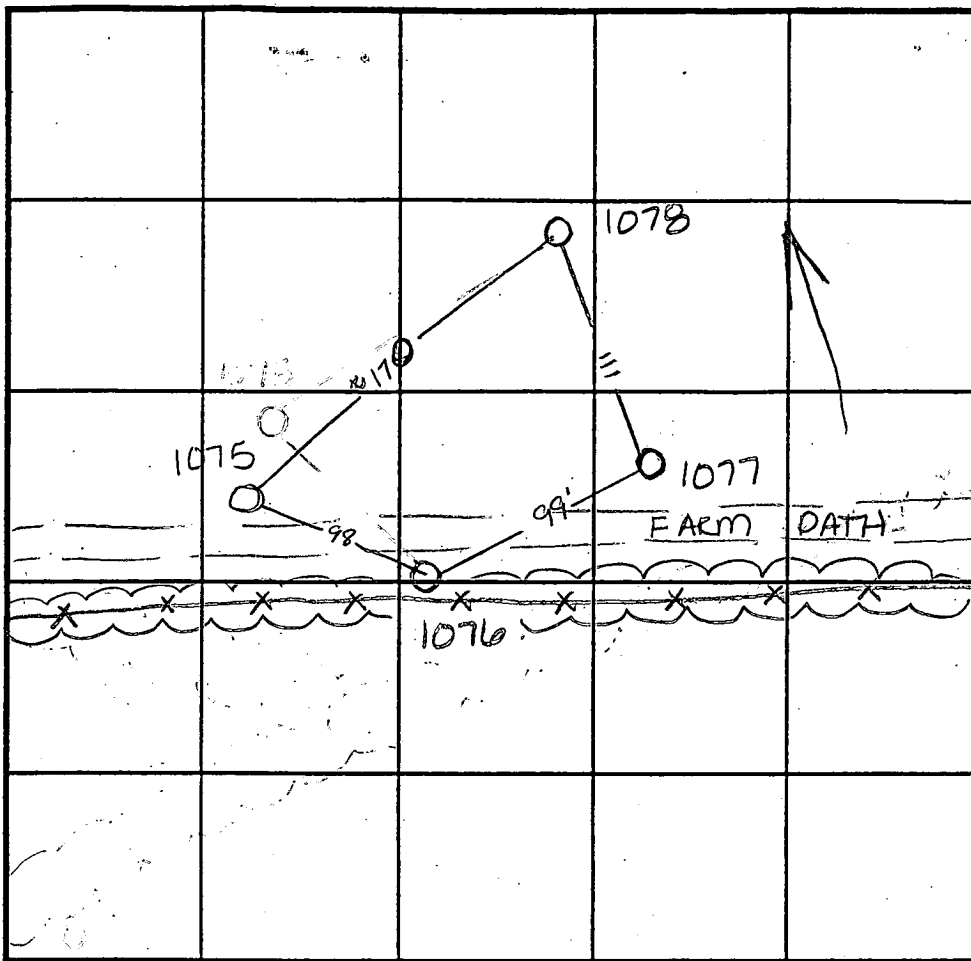
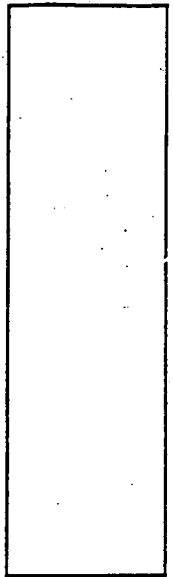
red and  
brown  
mix  
SaLm

very  
micaceous  
pockets  
of decayed  
white  
SiCl

12 1/2'

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	
9-27-95	1077	2' / V12	12:31	12:33	12:33	12:37	4min
	1076	3 1/2' / V12	12:38 <sup>30</sup>	12:40 <sup>30</sup>	12:40 <sup>30</sup>	12:42 <sup>30</sup>	2min
	1075	3' / V12 1/2	12:43 <sup>15</sup>	12:45	12:45	12:47	2min
	1078	4' / V12 1/2	1:13 <sup>45</sup>	1:19 <sup>30</sup>	1:19 <sup>30</sup>	1:27	7 1/2min

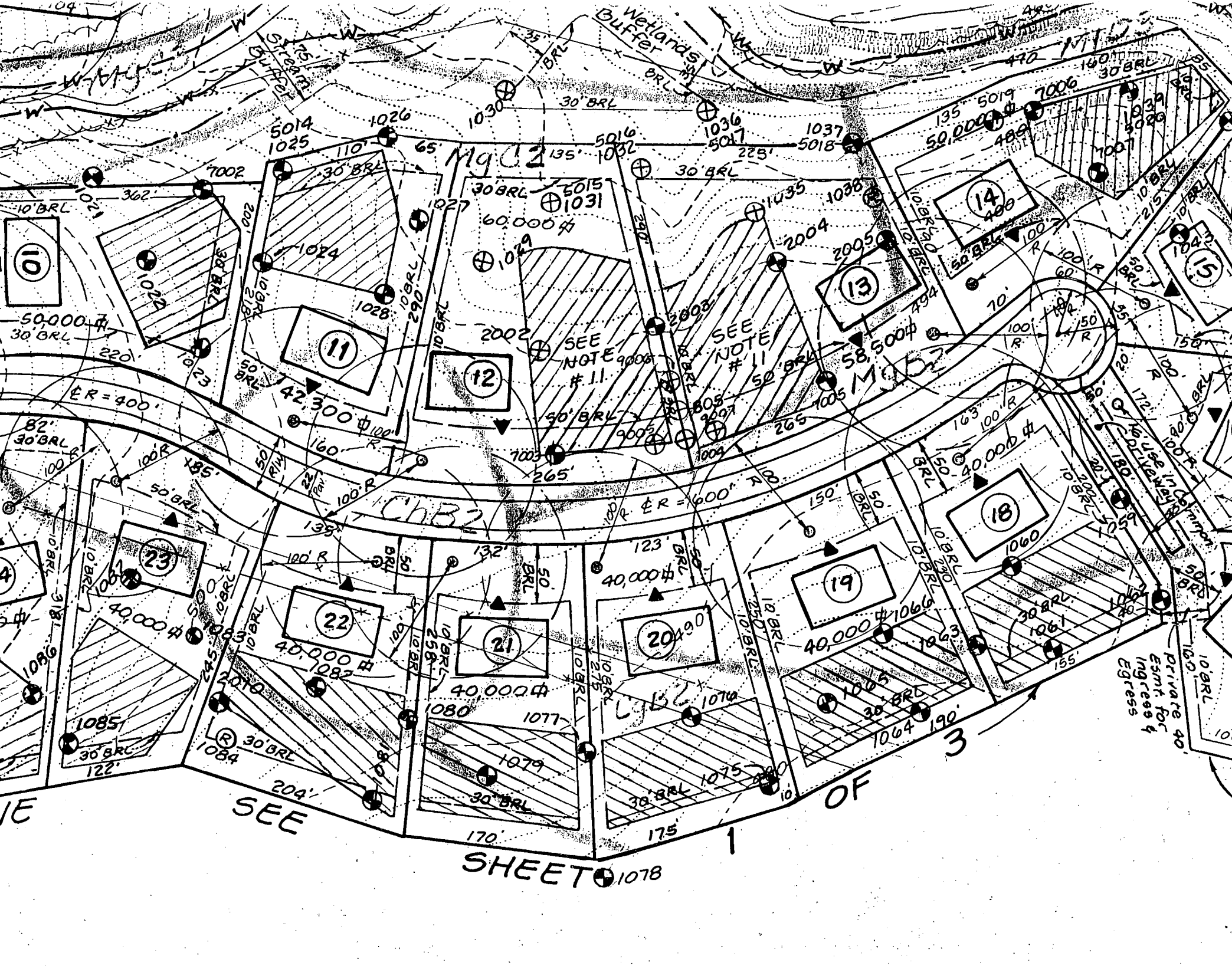
REMARKS \_\_\_\_\_

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

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

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

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



SHEET 107B

Mg 2

CHB2

OF

SEE

Private for  
ingress &  
egress

SEE NOTE  
# 11

SEE NOTE  
# 11

58,500<sup>00</sup> \$

42,300<sup>00</sup> \$

60,000<sup>00</sup> \$

40,000<sup>00</sup> \$

40,000<sup>00</sup> \$

40,000<sup>00</sup> \$

40,000<sup>00</sup> \$

40,000<sup>00</sup> \$

40,000<sup>00</sup> \$

6

11

12

13

14

15

18

19

21

22

23

10

7006

50,000<sup>00</sup> \$

5014  
1025

1026

1030

5016  
1032

1036  
5017

1037  
5018

135  
5019

160  
5020

1033  
5021

1034  
5022

1024

1027

1028

1029

2002

2004

2005

2006

2007

2008

2009

50,000<sup>00</sup> \$

220

1023

1027

9006

9007

9008

9009

100

100

100

100

82'  
30' BRL

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

100 R

50' BRL

50' BRL

50' BRL

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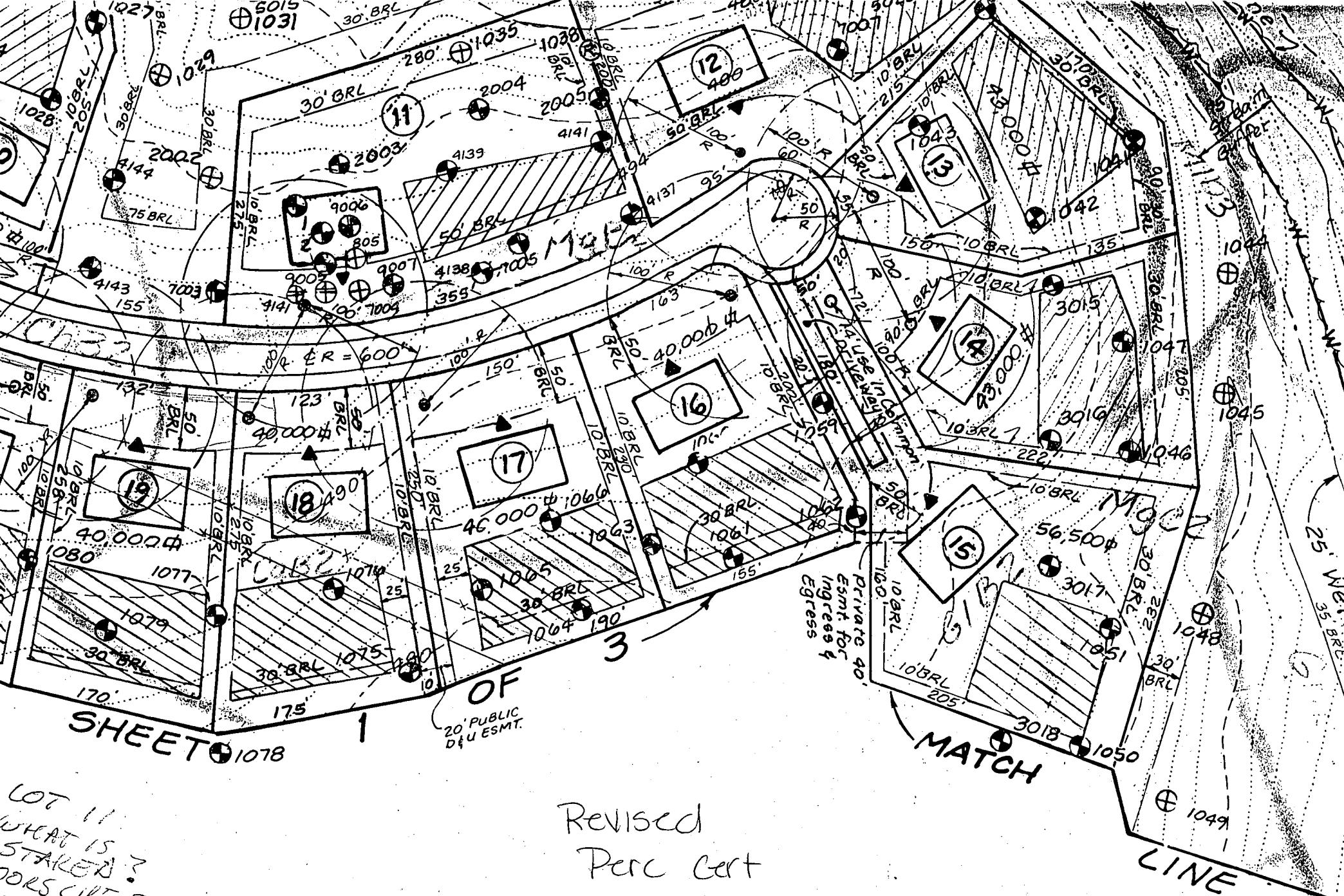
30' BRL

30' BRL

30' BRL

30' BRL

30' BRL



Revised  
 Perc Cert  
 9-18-98

LOT 11  
 WHAT IS  
 STAKED?  
 WORKS LIKE SBA  
 may be up hill

LEGEND

EX. PERCOL  
 PERC



PAINT.  
T

FOR LOTS 10, 16 THRU 19  
AND 21

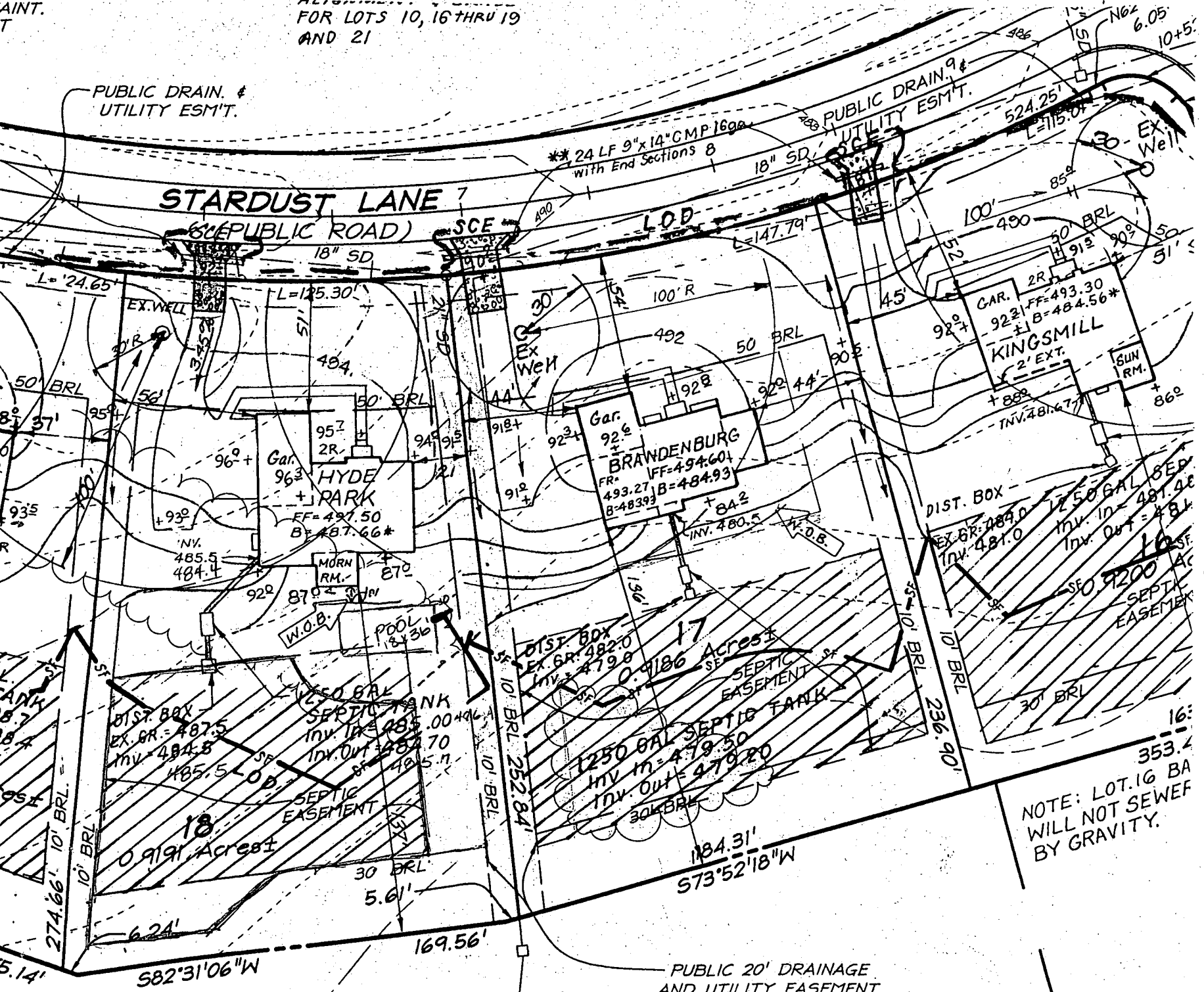
PUBLIC DRAIN &  
UTILITY ESM'T.

PUBLIC DRAIN &  
UTILITY ESM'T.

\*\* 24 LF 9" x 14" CMP 1690  
with End Sections B

STARDUST LANE  
(PUBLIC ROAD)

LOD



6/22/99 By copy of this plan  
the Health Dept accepts  
this modification to the  
recorded septic easement  
A McMillon

NOTE: LOT 16 BA  
WILL NOT SEWER  
BY GRAVITY.

PUBLIC 20' DRAINAGE  
AND UTILITY EASEMENT

C1 4132

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A508300

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 12 9 98 DEPTH OF WELL 200

PERMIT NO. FROM "PERMIT TO DRILL WELL" MD-94-1930

OWNER Brantwood LLC STREET OR RFD Stardust Ln TOWN ELICOTT CITY MD SUBDIVISION Brantwood SECTION I LOT 18

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for BROWN SHALE and BLUE SHIST.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS 16, NO. OF POUNDS 1504.

CASING RECORD. MAIN CASING TYPE: ST (STEEL). Nominal diameter top (main) casing: 6 inches. Total depth of main casing: 60 feet.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD. screen type or open hole: ST (STEEL). BR (BRASS), HO (OPEN HOLE).

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: (Y) YES, (N) NO.

CIRCLE APPROPRIATE LETTER: A (WELL 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. MW D 139. Robert Cline (DRILLERS SIGNATURE).

LIC. NO. MW D 665. Rick Fogle (SITE SUPERVISOR SIGNATURE).

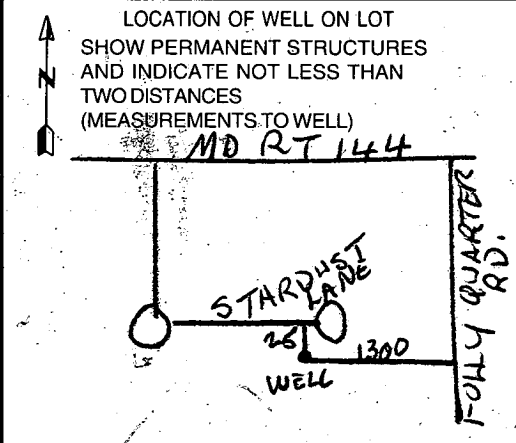
DEPTH (nearest ft.) table with columns 1-21 and rows A-E. Includes slot size and diameter of screen information.

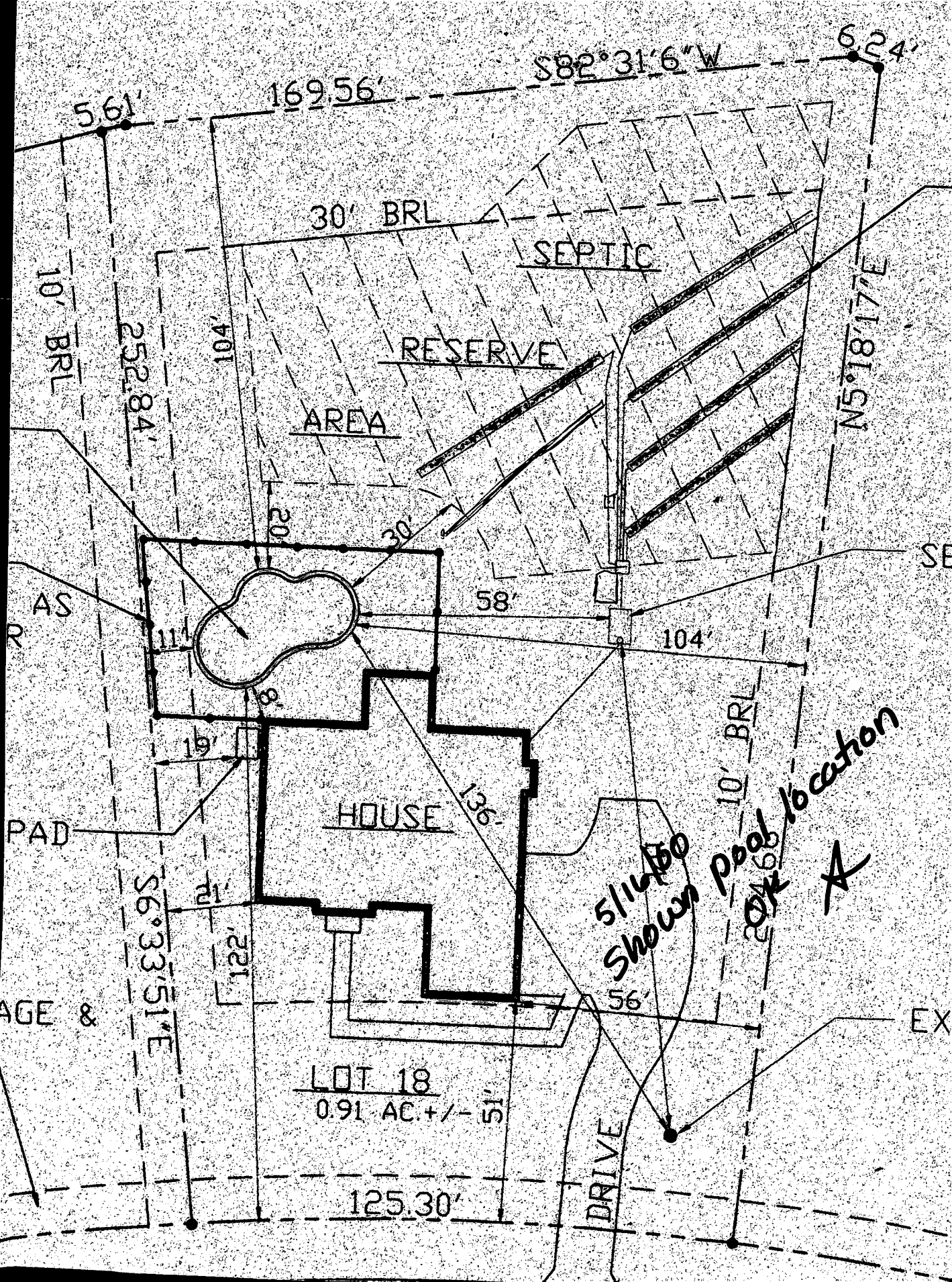
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

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

PUMPING TEST. HOURS PUMPED: 3. PUMPING RATE: 10 gal. per min. METHOD USED TO MEASURE PUMPING RATE: TIME. WATER LEVEL BEFORE PUMPING: 28 ft. WHEN PUMPING: 62 ft. TYPE OF PUMP USED: S (submersible).

PUMP INSTALLED. DRILLER INSTALLED PUMP (YES/NO). TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O). CAPACITY: GALLONS PER MINUTE (to nearest gallon). PUMP HORSE POWER. PUMP COLUMN LENGTH (nearest ft.). CASING HEIGHT (circle appropriate box and enter casing height).





5.61'

169.56'

S82°31'6"W

67.24'

30' BRL

SEPTIC

10' BRL

252.84'

104'

RESERVE

AREA

N5°18'17"E

20'

30'

58'

104'

R AS

PAD

HOUSE

136'

10' BRL

S6°33'51"E

19'

21'

122'

5/14/80  
Show Pool location

204.68'

AGE &

LOT 18

0.91 AC +/- 51'

56'

EX

125.30'

DRIVE

B 1 8617

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1930 fill in this form completely

THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

Date Received (APA) 10/26/98

OWNER INFORMATION

Brantwood LLC 8835 - P Columbia 100 Parkway Columbia, MD 21045

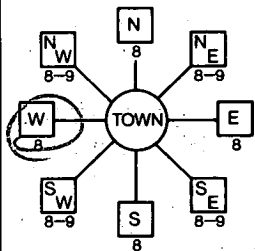
LOCATION OF WELL

Howard Feaga Property Pine Orchard Meadows 2 MI

DRILLER INFORMATION

Hartman, David M WD 517 A.C. Schultes of Maryland, Inc. 24 South River Road Edgewater MD 21037

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



MO. Rt. 144 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: BLK: PARCEL:

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 800 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 800

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 APPROVAL) TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A508300 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 10/26/98 CO SIGNATURE EXP. DATE 10/26/99 NORTH GRID 520000 EAST GRID 820000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY JETTED AIR-PERCussion ROTARY (Hydraulic 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 FORCE AM PERMIT No. HO-94-1930

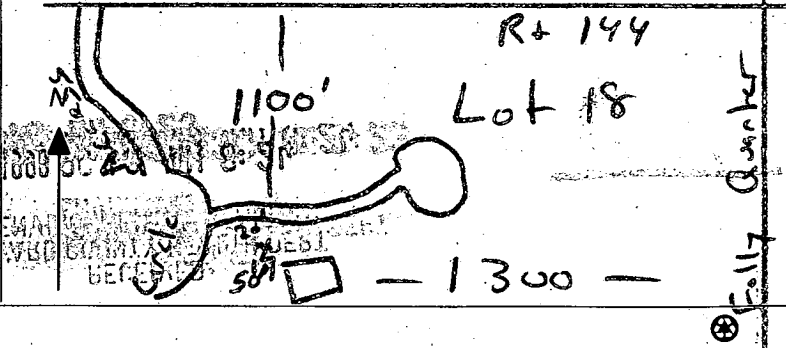
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER 1. Tanker 2. Pump (3hr) 3. Grount Quarter

WRITE THE BOX NUMBER FROM THE MAP HERE

E 820 N 520

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



SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 1 **8617** SEQUENCE NO. (MDE 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-94-1930**  
fill in this form completely

Date Received (APA) **10/16/98**  
OWNER INFORMATION  
8 MM DD YY 13  
**Briantwood LLC**  
15 Last Name Owner First Name 34  
**8835 - P Columbia 100 Parkway**  
36 Street or RFD 55  
**Columbia, MD 21045**  
57 Town 70 State 72 Zip 76

DRILLER INFORMATION  
**Hartman, David MWD 517**  
Driller's Name 76 License No. 81  
**A.C. Schultes of Maryland, Inc.**  
Firm Name  
**24 South River Road**  
Address  
**Crofton, MD 21037**  
Signature **David Hartman** Date **10/16/98**

B 2 WELL INFORMATION  
1 2 APPROX. PUMPING RATE **10**  
(GAL. PER MIN.) 8 12  
AVERAGE DAILY QUANTITY NEEDED **800**  
(GAL. PER DAY) 14 20

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

APPROXIMATE DEPTH OF WELL **200** FEET  
24 28  
APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
37 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  
39  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 DEEPEEN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
54 63  
FORCE **AM** WRITE INITIALS IN BOX PERMIT No. **HO-94-1930**  
67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

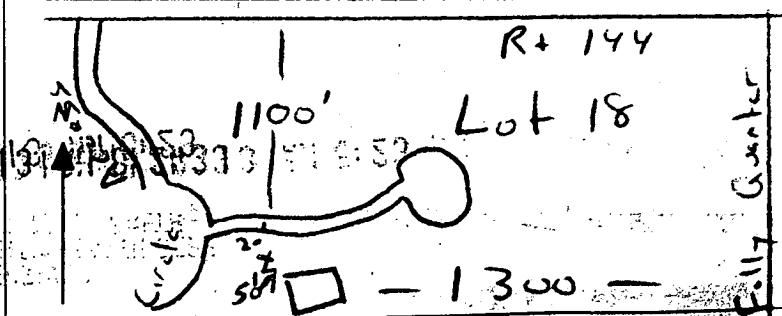
B 3 LOCATION OF WELL  
8 COUNTY **Howard** 21  
**Feaga Property**  
23 SUBDIVISION 42  
SECTION \_\_\_\_\_ LOT **18**  
44 46 48 50  
**Pine Orchard Meadows**  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) **2** M I  
73 76 77 78

B 4  
1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
**MD. RT. 144**  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH NORTH  
WEST WEST EAST EAST  
34 37  
DISTANCE FROM ROAD ENTER FT OR MI 38 39  
TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

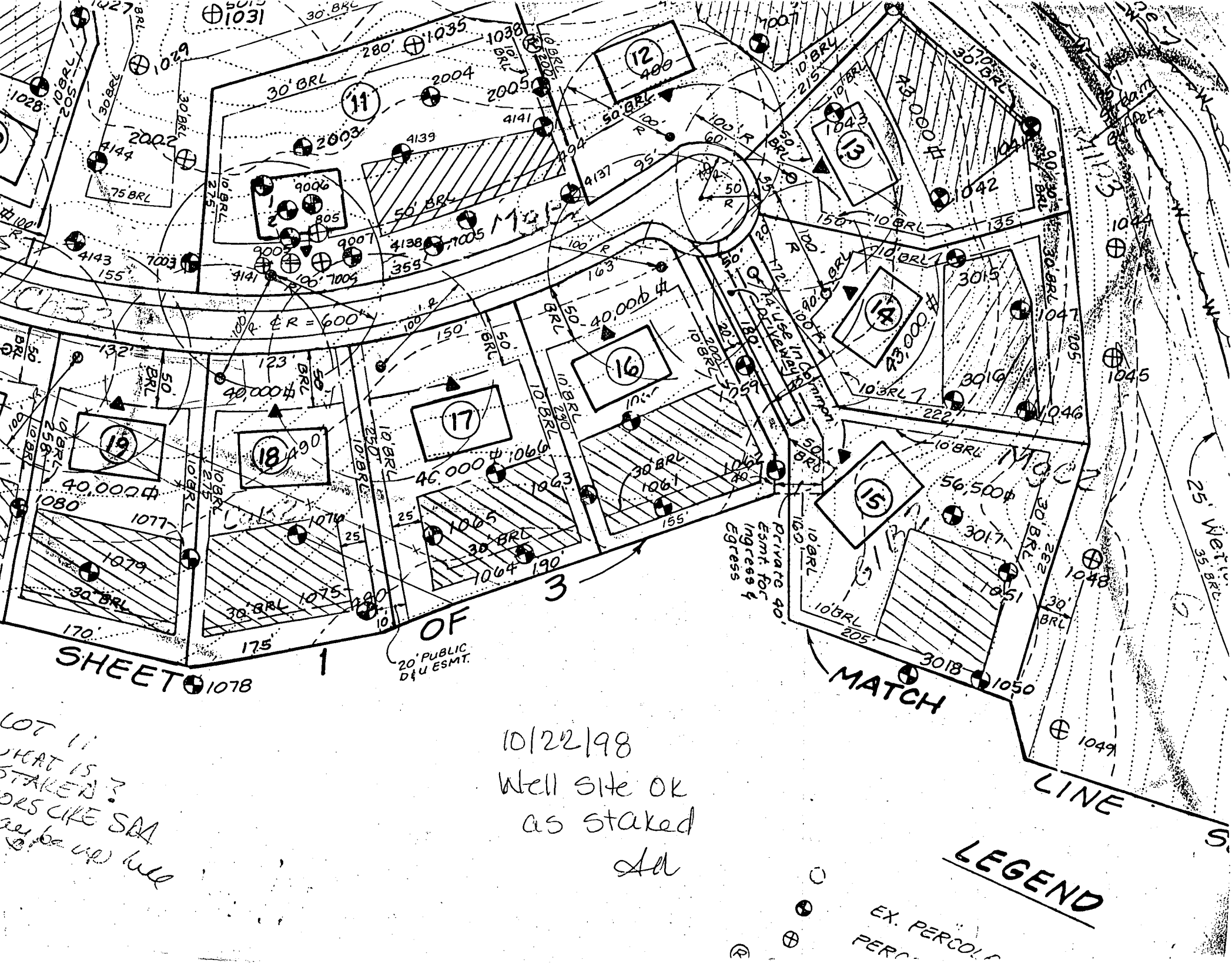
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard Co** COUNTY NAME **A505300** COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_  
DATE ISSUED **10/26/98** 41  
43 MM DD YY 48 **10/26/98** CO SIGNATURE \_\_\_\_\_ EXP. DATE  
NORTH GRID **520 000** EAST GRID **520 000**  
50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. **Chambers**  
2. **Chambers**  
3. **Chambers**  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E **82**  
N **52**  
000 000

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



NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -



SHEET 1078

OF 3  
20' PUBLIC D&U ESMT.

MATCH

LEGEND

LOT 11  
WHAT IS  
STAKED?  
ORS LIKE SAA  
maybe up well

10/22/98  
Well site OK  
as staked  
Ad

EX. PERCOLL  
PERC



