

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

410-313-2640

INDEXED

05-425654

P S10135

A 49993-C

DISTRICT 5th

DATE 5-11-98

DATE SYSTEM APPROVED 8/17/98

INSPECTOR DLS
(per builder)

Adamson Plumbing & Heating, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 7825 McCellan Avenue, Boonsboro, Maryland 21713 PHONE 301-416-3968

SUBDIVISION Easternview LOT 2 ROAD 11866 Simpson Road

PROPERTY OWNER Thomas & Diane Catlin

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350'

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 185 feet up the left (303.26') property line and 70 feet off that same lot line as seen when facing the lot from Simpson Road. Run trenches on contour lines toward front of lot.

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

ok 4-28-98

PLANS APPROVED BY Amy McMillen/Donna K. Soe DATE 3/17/98

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

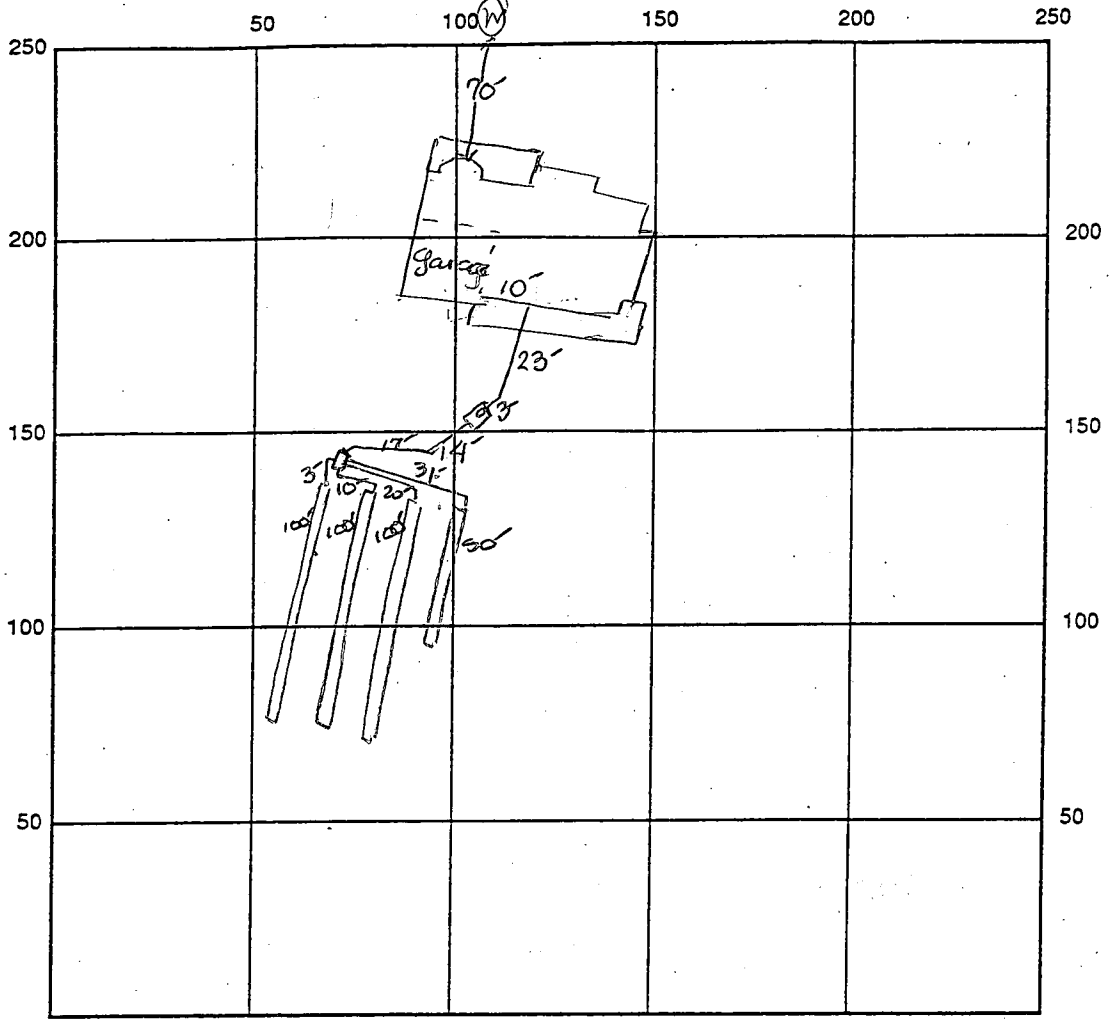
PERMIT VOID AFTER TWO YEARS

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**

HO-94-0108



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Simpson Road

SEPTIC TANK LEVEL OK CLEANOUTS one on S.T.

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 3x100 1450 FT. 350'

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 1050 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1050 SQ. FT.

REMARKS: 5/15/98 OK TO cover all septic work - Needs house connection. DKS

DATE SYSTEM APPROVED _____ INSPECTOR _____

APPLICATION

PERCOLATION TESTING

A 49993CP 1

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640DISTRICT 1DATE 4/26/94TO: 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

John M. Janney Thomas & Diane Catlin

MD 21029

ADDRESS 7346 Pindell School Rd. Clarksville PHONE (301)725-5885AGENT OR PROSPECTIVE BUYER Carman AssociatesADDRESS P.O. Box 122, Ellicott City, MD 21041 PHONE (410)442-1045

PROPERTY LOCATION:

SUBDIVISION BRENDA'S CHOICELOT NO. 2ROAD AND DESCRIPTION West side Pindell School Rd. @ Johns Hopkins Rd.(11806 Simpson Road)

BLDG. PERMIT SIGNED

AND RETURNED 3-27-98Sevalth Bro 110359TAX MAP 41 PARCEL # 143SIZE OF LOT 1 Acre

TYPE BLDG.

Single Family - 5 Bm

(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.

Ronald J. Carter, GENERAL PARTNER
(SIGNATURE OF APPLICANT) CARMAN ASSOC.

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

A49993C

COUNTY #

SOIL PROFILE

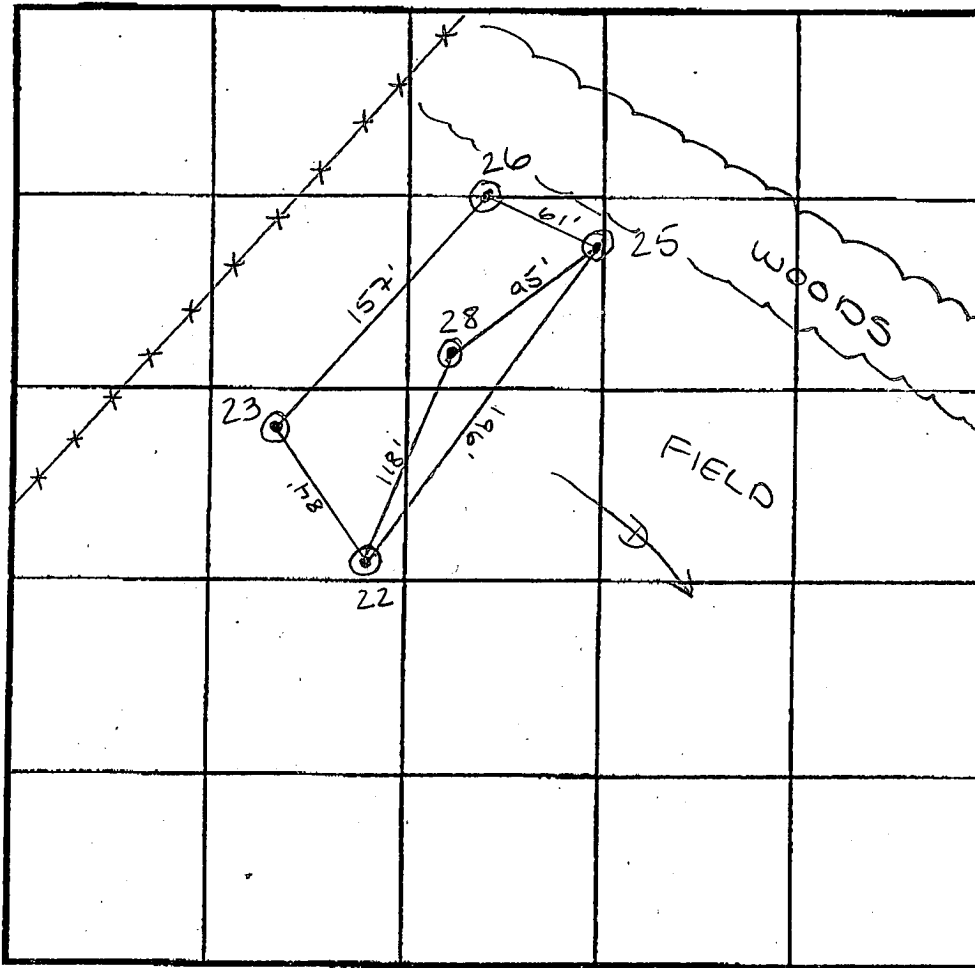
0' 22, 25, 26

tan
C

4 1/2' reddish
Sil
mica
45%
brags
OK

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	
6/15/94	23	4 1/2' / V 12'	6:48	6:49	6:49	6:50 ⁴⁵	1 1/4 min
	25	4 1/2' / V 14 1/2'	7:07 ⁴⁵	7:24	7:24	> 30	F
	25	7 1/2' / V 14 1/2'	7:07	7:07 ⁴⁵	7:07 ⁴⁵	7:10 ³⁰	2 3/4 min
	26	4' / V 14 1/2'	7:14 ¹⁵	7:23	7:23	> 30	F
	25	6' / V 14 1/2'	8:45	8:47 ⁴⁵	8:47 ⁴⁵	8:49 ⁴⁵	2 min
	26	6' / V 14 1/2'	8:48 ³⁰	8:49	8:49	8:50	1 min
	22	4' / V 12'	6:34 ³⁰	6:41	6:41	7:05	24 min
	28	Visual to 12'					OK

REMARKS

TYPE OF SOIL

TESTED BY A. McMullen

ALSO PRESENT Dan / Phil

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 12 min TRENCH WIDTH 3'

INLET DEPTH 4' MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 210 ft²

C 1		4561		SEQUENCE NO. (MDE USE ONLY)		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.																							
ST/CO USE ONLY DATE Received						DATE WELL COMPLETED						Depth of Well						PERMIT NO. FROM "PERMIT TO DRILL WELL"																	
[] [] [] [] [] []						050196						22 385 26 (TO NEAREST FOOT)						40-94-0768																	
OWNER: <u>CARMAN ASSOC.</u>						STREET OR RFD: <u>SIMPSON ROAD</u>						TOWN: <u>FULTON</u>						SUBDIVISION: <u>EASTERNVIEW</u>						SECTION: <u>2</u>						LOT: <u>2</u>					
WELL LOG Not required for driven wells												GROUTING RECORD												PUMPING TEST											
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING												WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT <u>CM</u> BENTONITE CLAY <u>BC</u> NO. OF BAGS <u>23</u> NO. OF POUNDS <u>2162</u> GALLONS OF WATER <u>138</u> DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>60</u> ft. 48 TOP 52 54 BOTTOM 58 (enter 0 if from surface)												HOURS PUMPED (nearest hour) <u>6</u> PUMPING RATE (gal. per min.) <u>001.5</u> METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u> WATER LEVEL (distance from land surface) BEFORE PUMPING <u>47</u> ft. WHEN PUMPING <u>306</u> ft. TYPE OF PUMP USED (for test) <u>A</u> air <u>P</u> piston <u>T</u> turbine <u>C</u> centrifugal <u>R</u> rotary <u>O</u> other (describe below) <u>J</u> jet <u>S</u> submersible											
DESCRIPTION (Use additional sheets if needed)												Casing types insert appropriate code below												PUMP-INSTALLED											
Sand												STEEL <u>ST</u> CONCRETE <u>CO</u> PLASTIC <u>PL</u> OTHER <u>OT</u>												DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES <u>NO</u> IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. <u>29</u> CAPACITY: GALLONS PER MINUTE (to nearest gallon) <u>31</u> <u>35</u> PUMP HORSE POWER <u>37</u> <u>41</u> PUMP COLUMN LENGTH (nearest ft.) <u>43</u> <u>47</u> CASING HEIGHT (circle appropriate box and enter casing height) <u>+</u> above <u>2</u> (nearest foot) <u>-</u> below <u>50</u> <u>51</u>											
Gray Mica Rock												MAIN CASING TYPE <u>ST</u> Nominal diameter top (main) casing (nearest inch) <u>6</u> Total depth of main casing (nearest foot) <u>88</u> 60 61 63 64 66 70												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) <u>See attached location</u>											
Dry well 380' filled in cement & drilling materials												OTHER CASING (if used) EACH CASING diameter inch depth (feet) from to																							
NUMBER OF UNSUCCESSFUL WELLS: <u>0</u>												SCREEN RECORD screen type or open hole insert appropriate code below <u>ST</u> STEEL <u>BR</u> BRASS <u>HO</u> OPEN HOLE <u>PL</u> PLASTIC <u>OT</u> OTHER																							
WELL HYDROFRACTURED <u>Y</u> <u>N</u>												DEPTH (nearest ft.) <u>40</u> <u>86</u> <u>385</u> 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51																							
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												SLOT SIZE 1 2 3 DIAMETER OF SCREEN <u>56</u> <u>60</u> (NEAREST INCH) from to																							
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.												GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 <u>68</u>																							
TYPE: MWD/MSD/MGD <u>24</u>												MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76																							
DRILLERS LIC. NO. <u>Joseph L. Mayne</u>												TELESCOPE CASING LOG INDICATOR OTHER DATA																							
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)																																			
LIC. NO. <u>24</u>																																			
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)																																			

ing Cemetery

in Space
of Simpson Rd

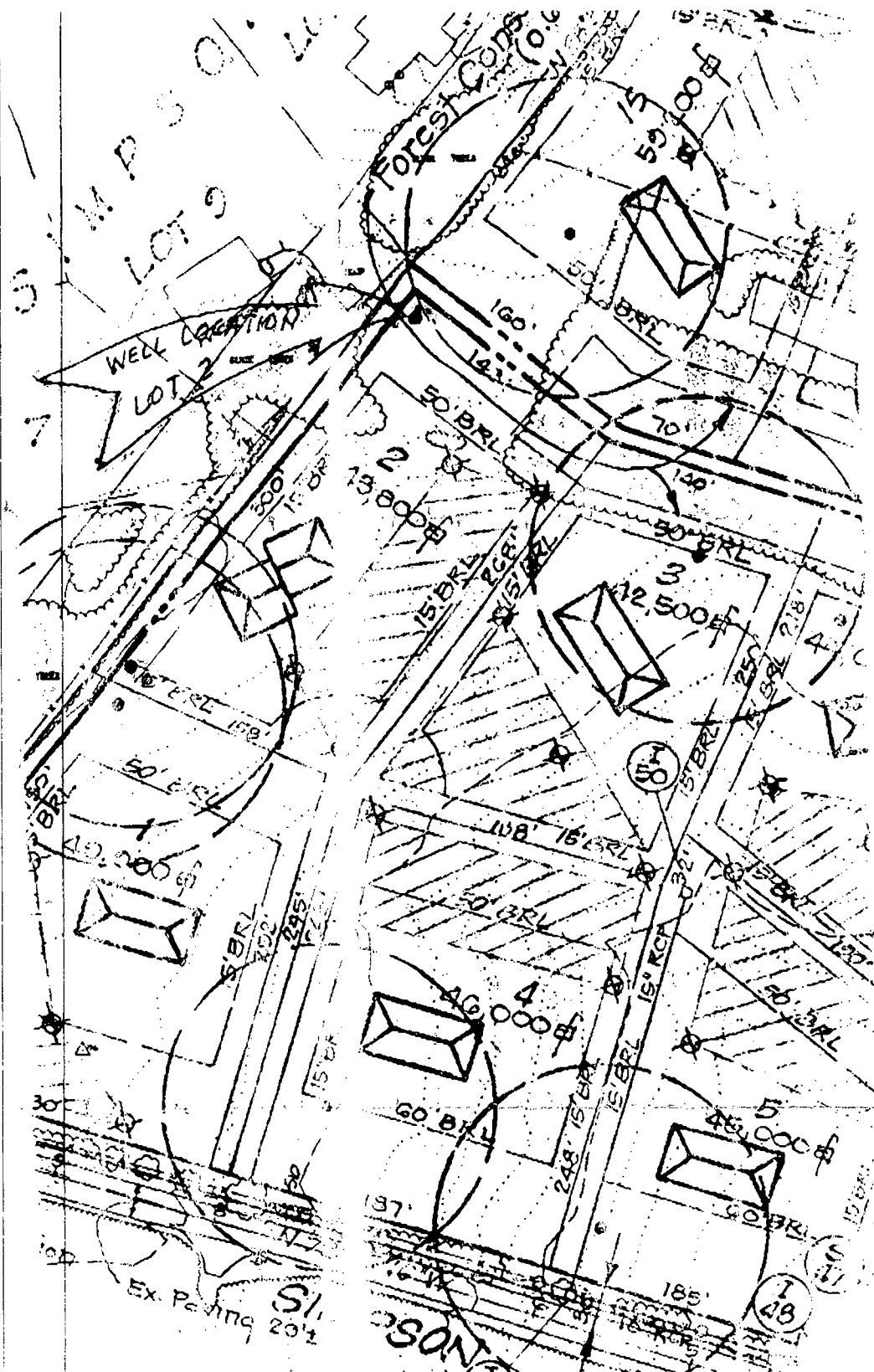
mit of cut
2.10+75

TABLE

3367.47
3004.66
2478.28
6464.92
5803.50
7535.24
5178.70
1161.64
3026.06

E 1334250

N



MAPLE LAWN
1855
TONED
ROAD
12' Level Main
Access Berms
around Pond
FARMS INC
57
2-550

3/13/96

Appears to be no SOA
is less than 100 ft from
well-stake corner
SDA

3/14/96
Septic area staked is
95' from well
SPA to be 200' from
as shown
on final

SIMPSON
LOT 10
LOT 9
LOT 8

LOT 7

LOT 6
SIMPSON
WOODS
PLAT

Cemetery
Simpson Rd
1004
started
the
existing
Board
Cemetery

Limit of Submission
Sta 10+75
24' Use in Common Driveway
Access Easement for Lots 1, 2, & 3

SIMPSON
24' Use in Common Driveway
Access Easement for Lots 6 & 7
(Minor Collector)
60' R/W

MAPLE LAWN FARMS, INC.
1855/657
ZONED RR-1
Road
24' Use in Common Driveway
Access Easement for Lots 6 & 7
24' Use in Common Driveway
Access Easement for Lots 6 & 7
24' Use in Common Driveway
Access Easement for Lots 6 & 7

ABLE
67.47
04.00
179.28
404.52
803.50
535.04
178.79
101.64

E 1334250
N 547000

B 1 1930	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-94-0768
2 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		70 fill in this form completely 79	
Date Received (APA) 		B 3 LOCATION OF WELL	
OWNER INFORMATION 			

6-10-98
anytime

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-E Ellicott Mills Drive
Ellicott City, MD 21043
461-9233

* See house
connection from
house to sept
at water
pump

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # _____
Date _____

Name of Installer

Willoughby Plumb, Inc.

Telephone

410-781-7051

Licence Number

6992

Certified Well Pump Installer

Well Driller

Registered Plumber

☒

Name of Property Owner

TOM & DIANE CATLAIN

Telephone

Well Tag # 91-0768

Subdivision

EASTERN VIEW

Lot # 2

Site Address

1101 SIMPSON RD

CLARKSVILLE, MD 21029

Pump

Motor

1. Horsepower

3/4

2. RPM

3. Voltage

a. 110

b. 220

Pitless Adapter

1. Make

TRIPLE

2. Model #

3. Depth

4'

1. Type

a. Deep well jet

b. Shallow well jet

c. Submersible

2. Make

3. Model #

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

TRIPLE

Tank

1. Capacity

40 gal

2. Pressure relief

valve?

yes

Piping

1. Type

CORRUGATED

2. Size

3. NSF and/or DCA

Code approved

4. Depth of supply

line

4'

Well data

1. Depth

395

ft.

2. Yield

1.5

GPM

3. Static water

level

47

ft.

4. Will water supply

be disinfected by

installer?

NO

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.

Signature of Applicant:

Chris Willoughby, Pres

Date:

6/9/98

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

MD-310

P4530
Signed
11-21-95

SIMPSON
LOT 9

LOT 7

Ex Well

LOT 6
SIMPSON
WOODS

arding Cemetery

Open Space
off Simpson Rd
er- 23, 1994
rd granted
al for the
the existing
O. The Board
he Cemetery

Limit of Submission
Sta. 10+75

24' Use in Common Driveway
Access Easement for Lots 1, 2, & 3

Ex. Paving 20±

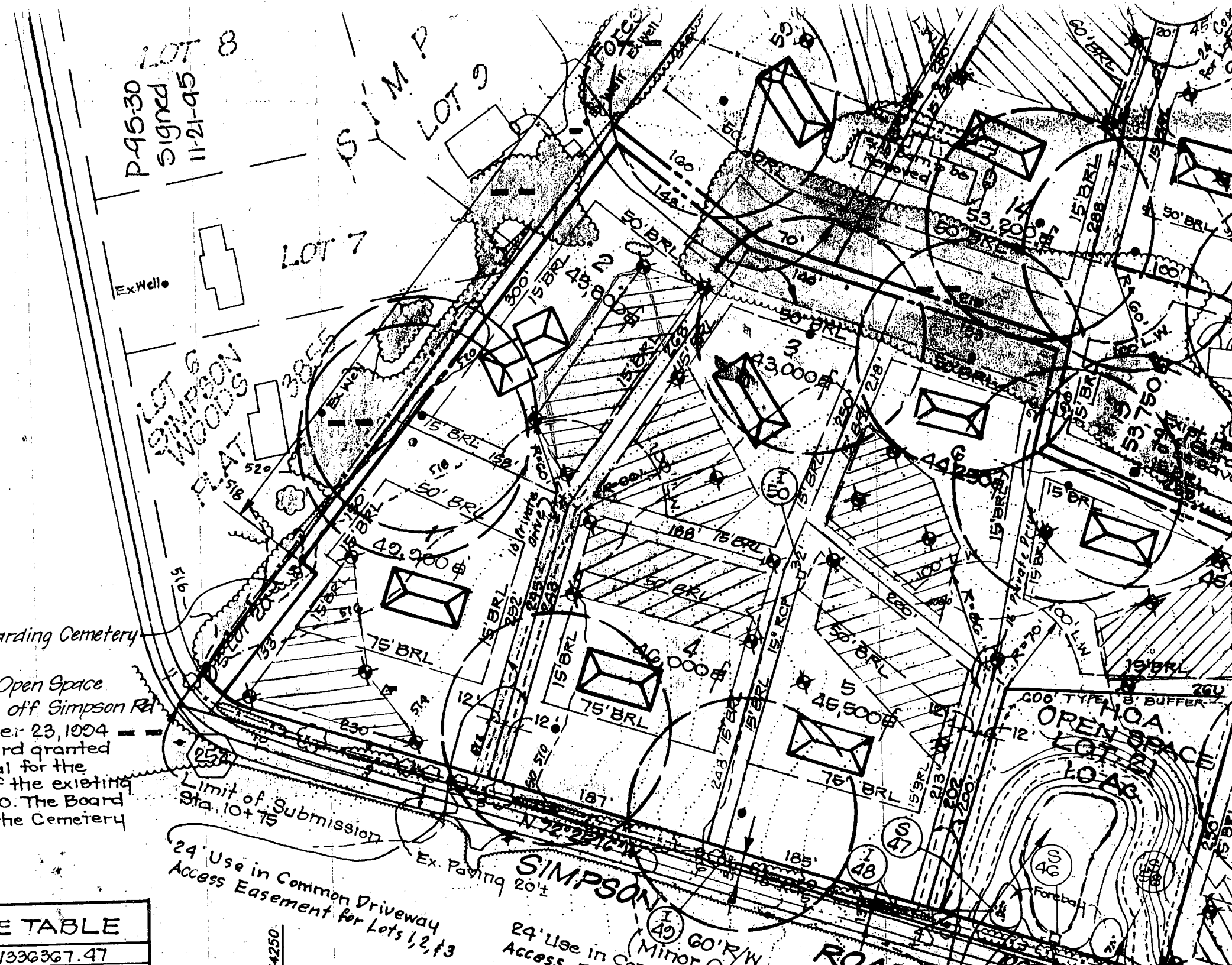
SIMPSON

24' Use in Common Driveway
Access

E TABLE

1336367.47

4250



— O. S. LOT 20



