8/10/99
11AM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512033

A 49993-E

DISTRICT

DATE 7/27/99

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

INDEXED
05-42570

DATE SYSTEM APPROVED 8/10/99

INSPECTOR SRM

S K Backhoe & Septic Service IS PERMITTED TO INSTALL X ALTER

ADDRESS 1220 FSK Highway, Keymar, MD 21757 PHONE 410-775-0562

SUBDIVISION Eastern View LOT 4 ROAD 11858 Simpson Road

PROPERTY OWNER Trinity Builders Clarksville, MD 21029

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

300 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED ~~400~~ 300

Trenches changed because:
OSDA only 60' wide & they would need 8 trenches - biggest DB available has 7 holes
changed to 8' bottom so 300 x 4 bdrm = 1200 ÷ 4' effective area = 300 total

TRENCHES - Trench to be 3 feet wide. Inlet 5.0 feet below original grade. Bottom maximum depth ~~6~~.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 3 ~~2~~.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 175 feet up the left (246.41') lot line and 10 feet off that same lot line as seen when facing the lot from Simpson Road. Run trenches on contour toward the rear (188.00') 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/MR

7/6/99 RECOMMEND 5 TRENCHES 80' LONG (MR)

PLANS APPROVED BY Amy McMillen/Ronald J. Pinkley DATE 6-8-1999

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.

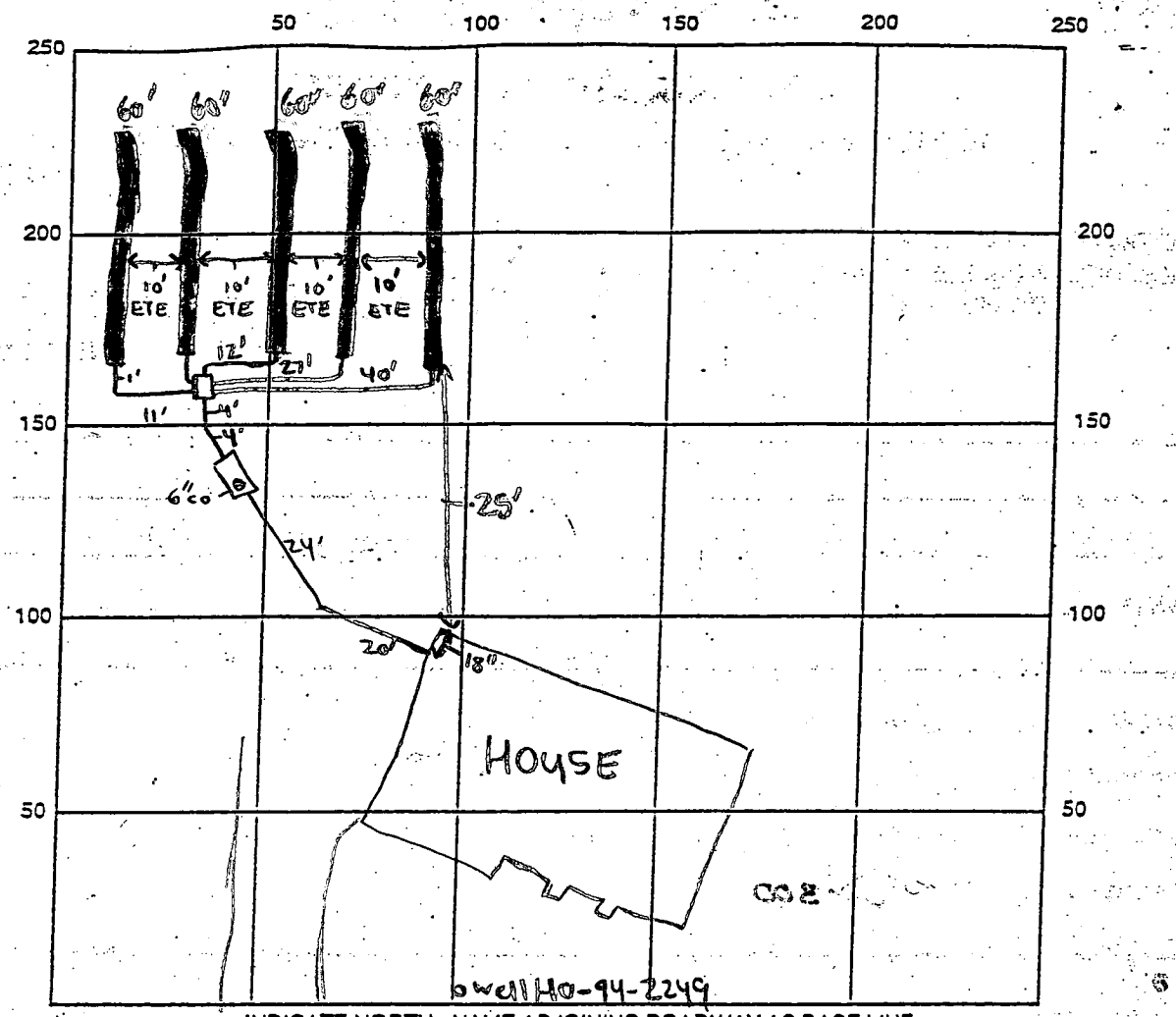
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

~~PERMIT SIGNED~~ AND RETURNED 1-17-02
B00133995
14X10 SUN Room + 20X14 DECK

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

HD-250(6-90)

A 49993E



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
SIMPSON ROAD

SEPTIC TANK LEVEL 1250 gallon midseam CLEANOUTS 6" @ Tank

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 3 FT. TOTAL LENGTH 300 FT.

NUMBER OF TRENCHES 5 ~~ONE SIDEWALL~~/BOTTOM AREA 900 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 8/6/99 There is a 1-2' hump in center of SDA - difficult to run trenches on contour - Told him to do best he can + but don't run straight through it A. 8/10/99 - OK TO COVER ALL WORK - SRH 8/10/99 - WPI NOT OK → GROUT AROUND CASING AND PITLESS IS SAND LIKE MATERIAL, ONLY APPROVABLE GROUT NEAR GRADE - SRH

DATE SYSTEM APPROVED 8/10/99 INSPECTOR Steven R. Krieg

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 S.K. Plumbing & Heating Inc
Telephone 410-775-0562

License Number 12285 MD. State
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber ✓ 12285

Name of Property Owner Trinity Home
Telephone 410-313-8722
Subdivision Eastern View Lot # 4 Well Tag # NO-74-2249
Site Address 11058 Simpson Rd

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible Yes
2. Make Socuzzi
3. Model # ____
4. Capacity 5 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 Sleeve

Motor
1. Horsepower 3/4
2. RPM ____
3. Voltage ____
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make ____
2. Model # ____
3. Depth ____

Tank
1. Capacity Well-X-Trol 250
2. Pressure relief valve? Yes

Piping
1. Type 1" P.E.
2. Size ____
3. NSF and/or BOCA Code approved ____
4. Depth of supply line 42

Well data
1. Depth 185 ft.
2. Yield 12 GPM
3. Static water level 38 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.

Signature of Applicant: ____

Date: 12-1-99

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

HD-215

11868 Simpson Rd
B00117606

Approved Septic System Plan
Howard County Health Department

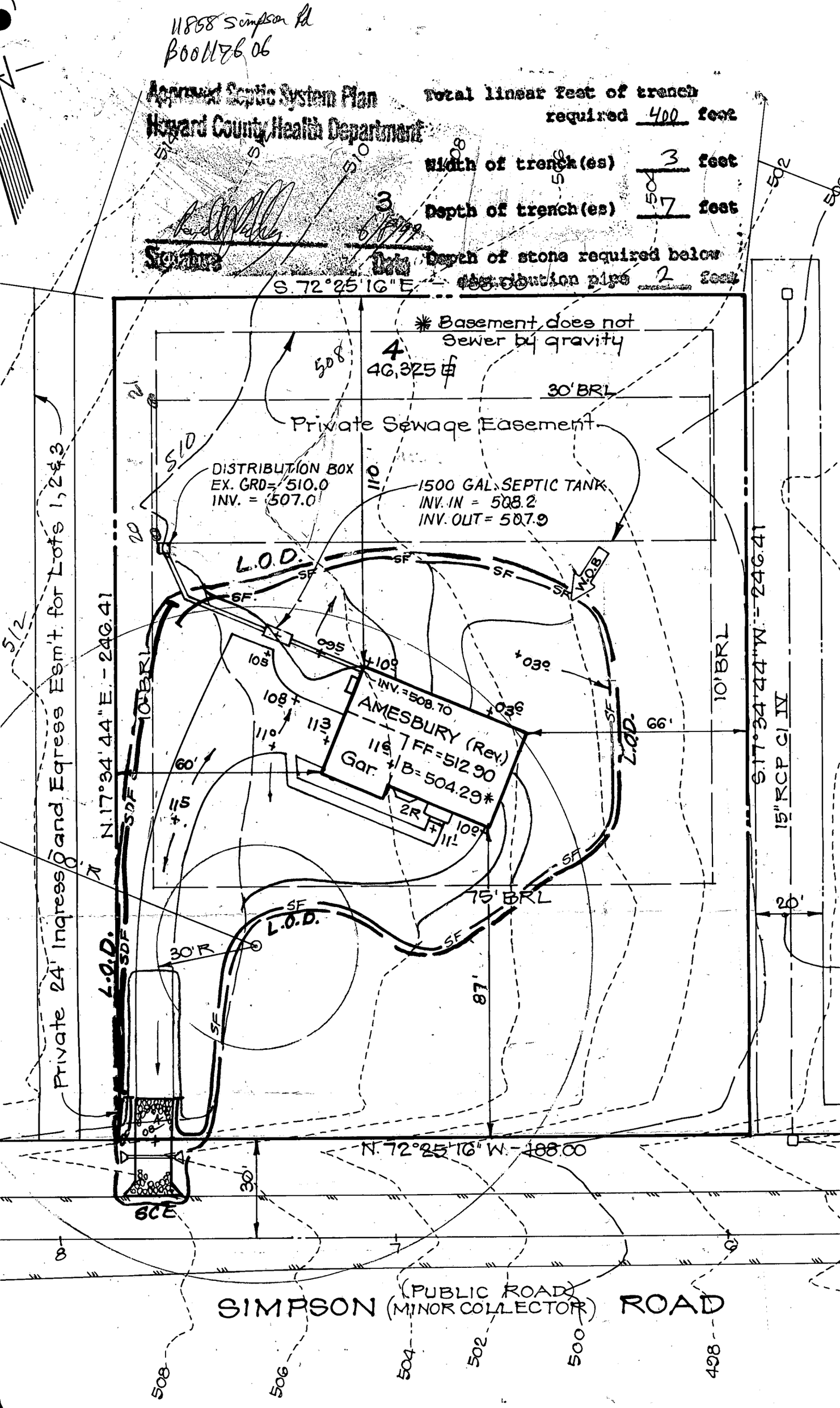
6/18/99
Date

Total linear feet of trench required 400 feet

Width of trench(es) 3 feet

Depth of trench(es) 7 feet

Depth of stone required below distribution pipe 2 feet



APPLICATION

PERCOLATION TESTING

A 49993E

P

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

DISTRICT 1

DATE 4/26/94

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 ~~John M. Janney~~ Trinity Builders MD 21029

ADDRESS 7346 Pindell School Rd. Clarksville PHONE (301)725-5885

AGENT OR PROSPECTIVE BUYER Carman Associates

ADDRESS P.O. Box 122, Ellicott City, MD 21041 PHONE (410)442-1045

PROPERTY LOCATION:

SUBDIVISION BRENDA'S CHOICE LOT NO. 4

ROAD AND DESCRIPTION West side Pindell School Rd. @ Johns Hopkins Rd.
(11858 Simpson Road)

EDG. PERMIT SIGNED AND RETURNED 6-8-99
Sewall # Bro 117600

TAX MAP 41 PARCEL # 143

SIZE OF LOT 1 Acre TYPE BLDG. Single Family - 4 Bdrm
(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. Donald L. Carman, 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 _____

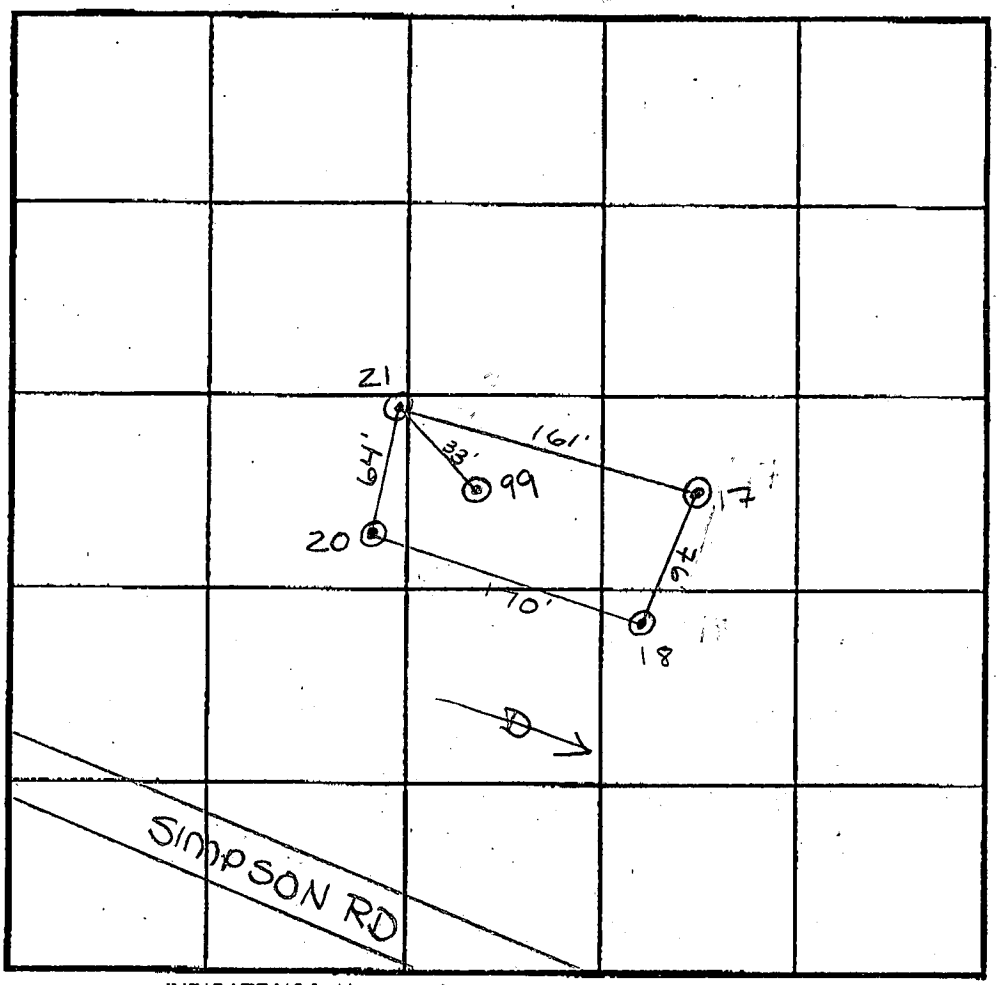
THIS IS NOT A PERMIT

HD-216 (3/92)

A49993E
COUNTY #

SOIL PROFILE
0' 21, 99
tan CL
2
reddish orange 1-2" rock brage <5% SL

18, 17, 20
orange brn C
4
dark reddish Sil micaceous
12



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
0'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
6/16/94	18	4' V	1:41	1:41	1:43	1:45	2 MIN
	18	7 1/2' V	1:39	1:40	1:40	1:43	3min
	17	4 1/2' V12	1:45	1:48	1:48	1:56	8min
	21	9' V15	6:29 30	6:30 15	6:30 15	6:33 45	3 1/2 min
	21	5' V15	6:30 45	6:37 30	6:37 50	>30min	F
	20	4' V11'	6:39 44	6:41 15	6:41 15	6:43	1 3/4 min
	21	5 1/2 V15	7:17	>30	min	—	F
	21	6 1/2 V15	8:28	8:44	8:44	9:13	29min
	99	Visual	to 12 1/2'		—	—	OK

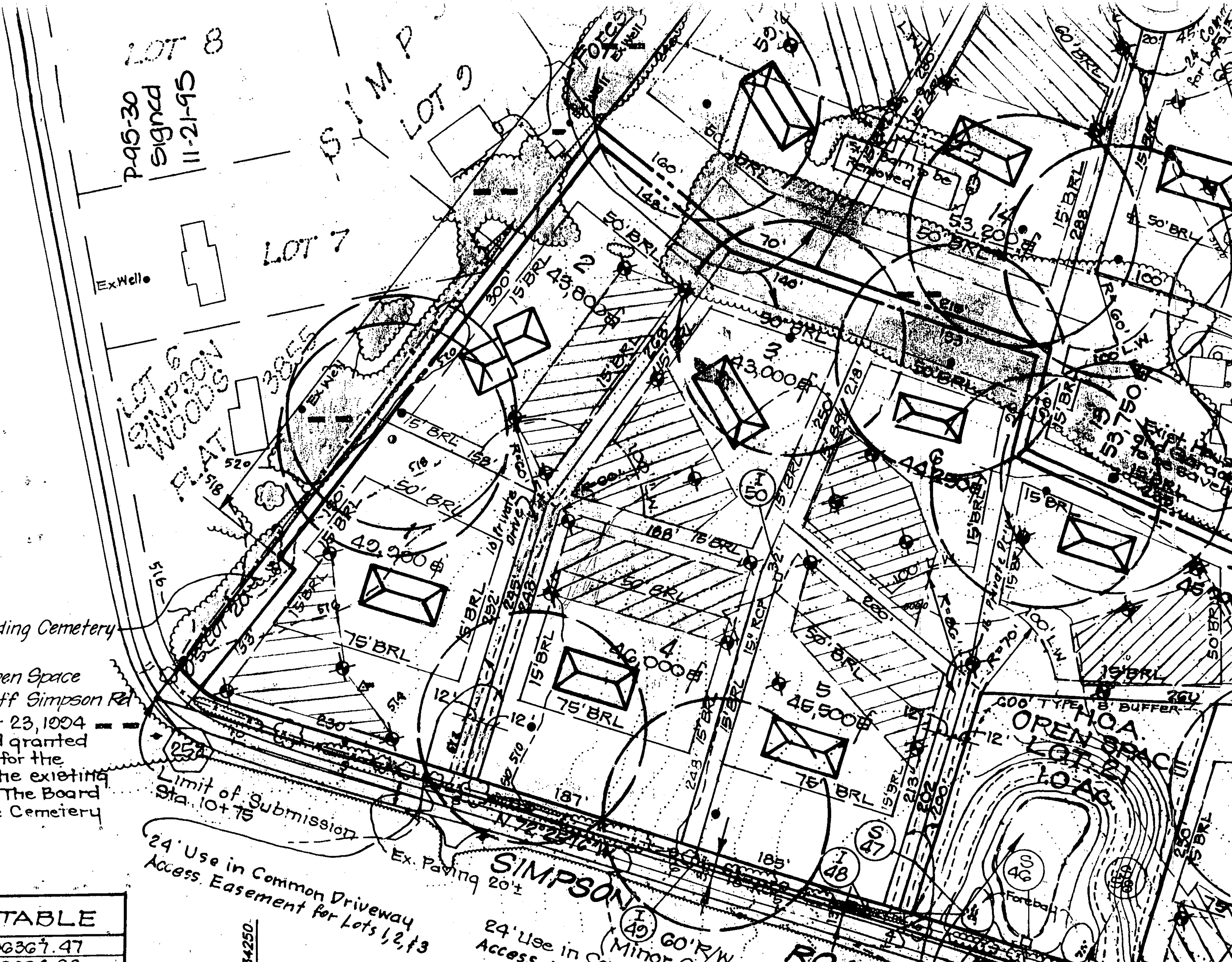
REMARKS

TYPE OF SOIL

TESTED BY A. McMillen ALSO PRESENT Dan | Phil

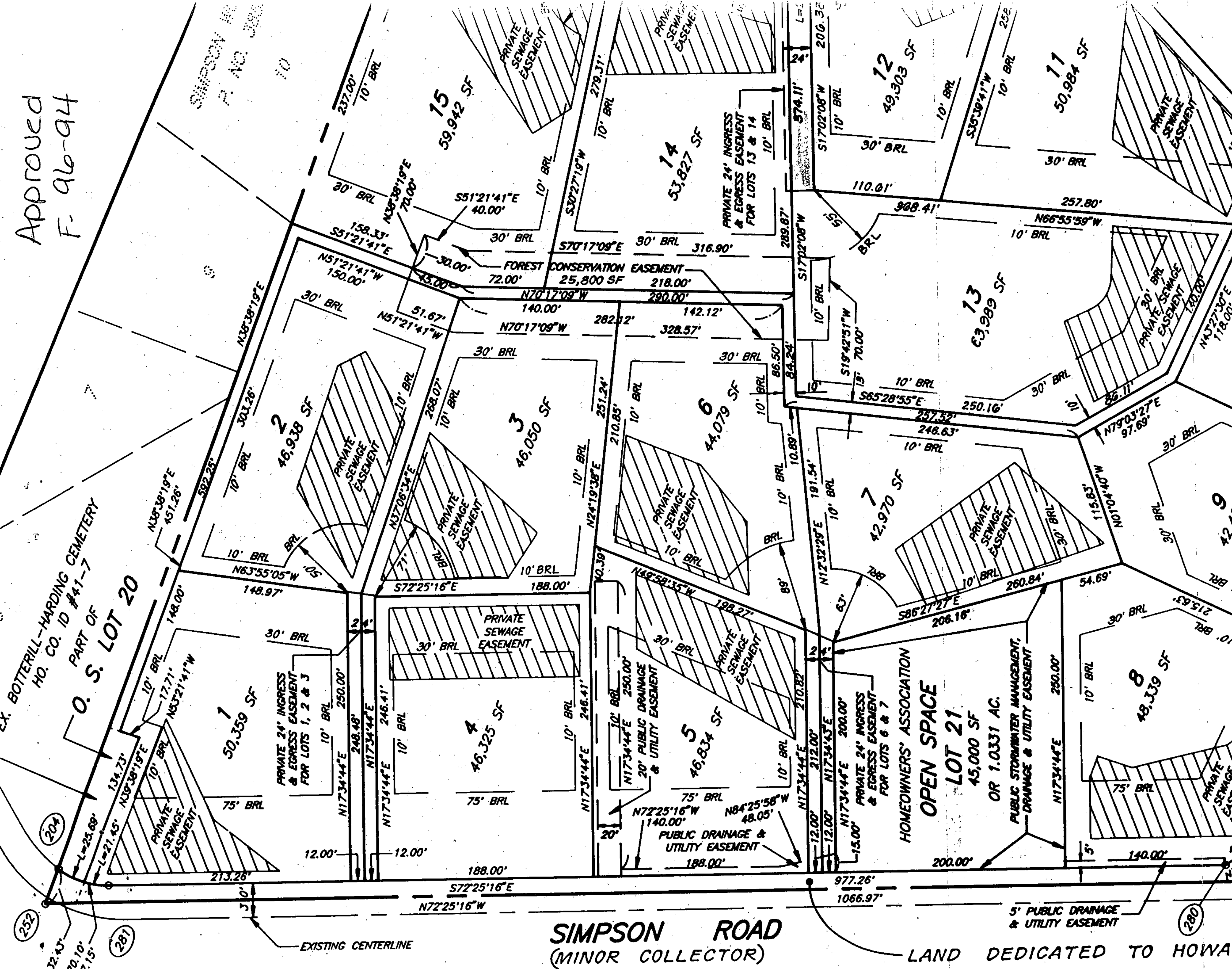
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 29 min TRENCH WIDTH 3'

INLET DEPTH 5 MAXIMUM BOTTOM DEPTH 7 SQ. FT/BEDROOM 300


LOT 8
P-95-30
Signed
11-21-95
LOT 9
LOT 7
ExWell
LOT 6
SIMPSON
WOODS
PLAT
3855
2
43,800
3
43,000
1
49,900
4
46,000
5
45,500
6
14
53,200
53,750
HOA
OPEN SPACE
LOT 21
1.0 Ac
60' TYPE B BUFFER
50' BRL
15' BRL
75' BRL
Barn to be Removed
Exist. House & Garage to be saved
10' Private Drive
ding Cemetery
en Space
ff Simpson Rd
23, 1994
granted
for the
he existing
The Board
Cemetery
Limit of Submission
Sta. 10+75
24' Use in Common Driveway
Access Easement for Lots 1, 2, & 3
Ex. Paving 20'±
SIMPSON
60' R/W
Minor C
24' Use in Co
Access
N 72°25'10" W
Forebay
TABLE
06367.47
34250

3/30/99
Well site not staked
AW

5/13/99
Permit Released w/out
site inspection - Builder
assures stake in
correct location
AW


Approved
F-96-94
SIMPSON ROAD
(MINOR COLLECTOR)
LAND DEDICATED TO HOWA
EXISTING CENTERLINE
5' PUBLIC DRAINAGE & UTILITY EASEMENT
EX. BOTTERILL-HARDING CEMETERY
HO. CO. ID #41-7
PART OF
O. S. LOT 20
1
50,359 SF
2
46,938 SF
3
46,050 SF
4
46,325 SF
5
46,834 SF
6
44,079 SF
7
42,970 SF
8
48,339 SF
11
50,984 SF
12
49,303 SF
13
63,989 SF
14
53,827 SF
15
59,942 SF
HOMEOWNERS' ASSOCIATION
OPEN SPACE
LOT 21
45,000 SF
OR 1.0331 AC.
PUBLIC STORMWATER MANAGEMENT, DRAINAGE & UTILITY EASEMENT
PRIVATE SEWAGE EASEMENT
PRIVATE 24' INGRESS & EGRESS EASEMENT FOR LOTS 1, 2 & 3
PRIVATE 24' INGRESS & EGRESS EASEMENT FOR LOTS 6 & 7
PRIVATE 24' INGRESS & EGRESS EASEMENT FOR LOTS 13 & 14
20' PUBLIC DRAINAGE & UTILITY EASEMENT
PUBLIC DRAINAGE & UTILITY EASEMENT
FOREST CONSERVATION EASEMENT
25,800 SF
30' BRL
10' BRL
75' BRL
S72°25'16"E
N72°25'16"W
977.26'
1066.97'
213.26'
188.00'
200.00'
140.00'
N72°25'16"W
140.00'
N84°25'58"W
48.05'
N39°38'19"E
134.73'
N38°38'19"E
451.26'
592.25'
N53°21'41"W
17.71'
N63°55'05"W
148.97'
S72°25'16"E
188.00'
N17°34'44"E
248.48'
246.41'
250.00'
N24°19'38"E
251.24'
N37°06'34"E
268.07'
303.26'
N51°21'41"W
150.00'
N51°21'41"W
51.67'
N70°17'09"W
140.00'
282.12'
328.57'
142.12'
N70°17'09"W
290.00'
218.00'
S70°17'09"E
316.90'
72.00'
S51°21'41"E
158.33'
S51°21'41"E
40.00'
N38°38'19"E
70.00'
30.00'
N38°38'19"E
237.00'
S30°27'19"W
279.31'
S17°02'08"W
289.87'
574.11'
206.36
110.61'
968.41'
257.80'
N66°55'59"W
S35°39'41"W
S17°02'08"W
S19°42'51"W
70.00'
86.50'
84.24'
210.85'
10.89'
191.54'
N12°32'29"E
N49°58'35"W
198.27'
210.82'
S65°28'55"E
250.16'
257.52'
246.63'
N79°03'27"E
97.69'
86.11'
N01°04'40"W
115.83'
S86°27'27"E
206.16'
260.84'
54.69'
N43°27'30"E
118.00'
215.63'
212.00'
200.00'
12.00'
15.00'
24'
20'
30'
L=25.69'
L=21.45'
204
252
281
280

IN ACCOUNT WITH

RALPH MAYNE, INC.

WELL DRILLER **Phone (301) 829-0702**

9120 Brown Church Road, Mt. Airy, Maryland 21771

Date 9-8-99

To: Howard Co. Health Dept.

Att Mark

Annual rate of 18 percent will be added to all unpaid balances.

In Reff To	
Lot 4 Eastern View	
The well was Sleeved	
with 4" Casing Because	
of Cave in at 75 Ft.	
The Sleeve Pipe Runs from	
-5 Ft. to 185 Ft well is Still	
Producing 12 GPM	
We Also Put another	
2 Bags of Grout Around Casing	
it had 19 Bags when Grouted	
Bring total to 21 Bag	
Thanks	
Ralph Mayne	

WELL WAS PRODUCING AT TIME DRILLED _____ G.P.M.

C 1 4246 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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.

COUNTY NUMBER A 419993-E

DATE Received

DATE WELL COMPLETED 08 05 99

Depth of Well 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-94-1249

OWNER Trinity Builders

STREET OR RFD last name Simpson Rd. first name TOWN Fulton MD.

SUBDIVISION EASTERN VIEW SECTION — LOT 4

WELL LOG
Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Top Soil	0	2	
Sandy	2	70	✓
Sand Stone	70	75	
MICKA	75	90	
Sand Stone	90	95	✓
MICKA	95	185	

Set Sleeve
Casing on 8-5-99
MR
ADDED NFS w/ →
RALPH MAYNE →
OK MR 11/1/99

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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.

DRILLERS IDENT. NO. MSD 116

Ralph Mayne
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

MSD 117 Ralph E. Mayne
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes (Y) no (N)

TYPE OF GROUTING MATERIAL
CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 21 NO. OF POUNDS 2100
GALLONS OF WATER 126
DEPTH OF GROUT SEAL (to nearest foot)
from ____ ft. to ____ ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
(ST) STEEL (CO) CONCRETE (PL) PLASTIC (OT) OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	6	22

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to
PL	4	-5	95
		95	185

SCREEN RECORD
screen type or open hole insert appropriate code below
(ST) STEEL (BR) BRASS BRONZE (HO) OPEN HOLE (PL) PLASTIC (OT) OTHER

C 2

EACH SCREEN		DEPTH (nearest ft.)	
1	PL	85	95
2			
3			

SLOT SIZE 1: 01 2: 3:

DIAMETER OF SCREEN 4 (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T TELESCOPE CASING (E.R.O.S.) LOG INDICATOR W Q OTHER DATA

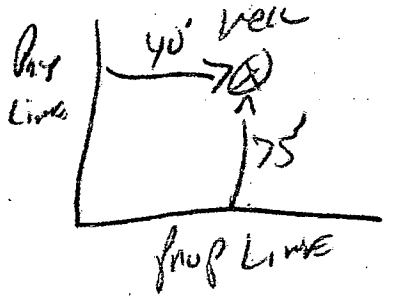
C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 12
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 38
WHEN PUMPING 95

TYPE OF PUMP USED (for test)
- A air
- P piston
- T turbine
- C centrifugal
- R rotary
- O other (describe below)
- J jet
- S submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES (NO)
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height)
(+) above (−) below LAND SURFACE (nearest foot) 2

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)



HEALTH

C 1 | 06747 | SEQUENCE NO. (MDE USE ONLY)

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

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.

COUNTY NUMBER A49993E

ST/CO USE ONLY
DATE Received MM DD YY

DATE WELL COMPLETED: MM 05 DD 31 YY 99 — May 99 (SRV)

Depth of Well: 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-94-2249

OWNER: Trinity Builders (last name / first name)

STREET OR RFD: Simpson Road — TOWN: Fulton

SUBDIVISION: Easternview — SECTION: — LOT: 4

WELL LOG
Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
Top Soil	0	2	
Sandy	2	20	✓
Sand Stone	20	25	
MICKA	25	90	
Sand Stone	90	95	
MICKA	95	185	

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: yes [Y] no [N]

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

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.

DRILLERS LIC. NO.: MSD 116
Ken Mayer
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.: MSD 112
Ken Mayer

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes [Y] no [N]

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS: 19 NO. OF POUNDS: 1500

GALLONS OF WATER: 114

DEPTH OF GROUT SEAL (to nearest foot): from 0 ft. (TOP) to 30 ft. (BOTTOM) (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below: [ST] STEEL, [CO] CONCRETE, [PL] PLASTIC, [OT] OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)!	Total depth of main casing (nearest foot)
PL	6	30

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below: [ST] STEEL, [BR] BRASS, BRONZE, [PL] PLASTIC, [HO] OPEN HOLE, [OT] OTHER

EACH SCREEN		depth (feet) from	to
1	#0	90	185
2			
3			

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED 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

C 3 — PUMPING TEST
HOURS PUMPED (nearest hour): 3

PUMPING RATE (gal. per min.): 12.

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING: 38 ft.

WHEN PUMPING: 95 ft.

TYPE OF PUMP USED (for test)
- [A] air
- [P] piston
- [T] turbine
- [C] centrifugal
- [R] rotary
- [O] other (describe below)
- [J] jet
- [S] submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): YES (NO)

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.

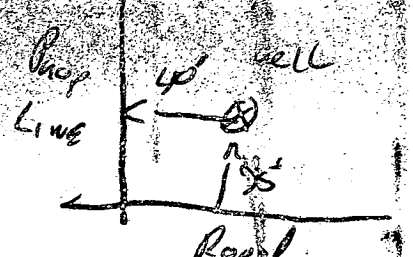
CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height): [+] above / [−] below LAND SURFACE: 2 (nearest foot)

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)



COUNTY

EMERGENCY/TEMP. NO. IF ANY

B 1 | 4718 | SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO-94-2249

fill in this form completely

Date Received (APA): 03/29/99

OWNER INFORMATION

Trinity Builders Inc
Last Name / Owner / First Name

6212 Devon Dr.
Street or RFD

Columbia MD 21044
Town / State / Zip

DRILLER INFORMATION

Ralph Mayne MSD116
Driller's Name / License No.

Ralph Mayne well Drilling
Firm Name

9120 Brown Church Rd. Mt Airy
Address

Ralph Mayne 3-24-99
Signature / Date

LOCATION OF WELL

B 3

Howard
COUNTY

Eastern View
SUBDIVISION

SECTION —

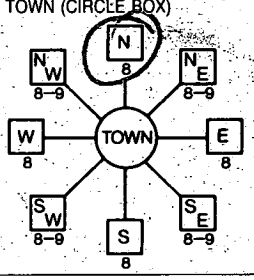
LOT 4

Fulton
NEAREST TOWN

MILES FROM TOWN (enter 0 if in town): 3 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Simpsow Rd
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD 75 FT

TAX MAP: ____ BLK: ____ PARCEL: ____

WELL INFORMATION

B 2

APPROX. PUMPING RATE (GAL. PER MIN.): 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- (F) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
- (I) INDUSTRIAL, COMMERICIAL, DEWATERING
- (P) PUBLIC WATER SUPPLY WELL
- (T) TEST, OBSERVATION, MONITORING
- (G) GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard Co — A49993-E
COUNTY NAME / COUNTY NO.

STATE SIGNATURE _____ INSERT S

DATE ISSUED 051399 — A McMullen — 5/13/00
DATE ISSUED / CO. SIGNATURE / EXP. DATE

NORTH GRID 480000 EAST GRID 820000

APPROXIMATE DEPTH OF WELL: 150 FEET

APPROXIMATE DIAMETER OF WELL: 6 NEAREST 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 DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL
- (Y) THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- (S) THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- (D) THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) ____-____-____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

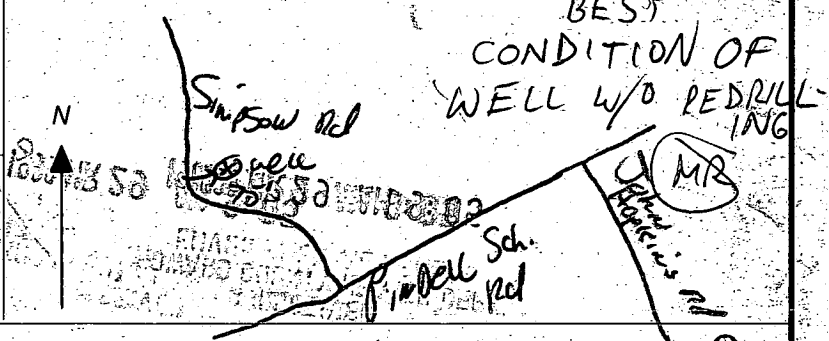
SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 820 000
N 480 000

9/1/99
ADD'L 2 BAGS GROUT ADDED
THIS IS LIKELY THE BEST CONDITION OF WELL W/O REDRILLING

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

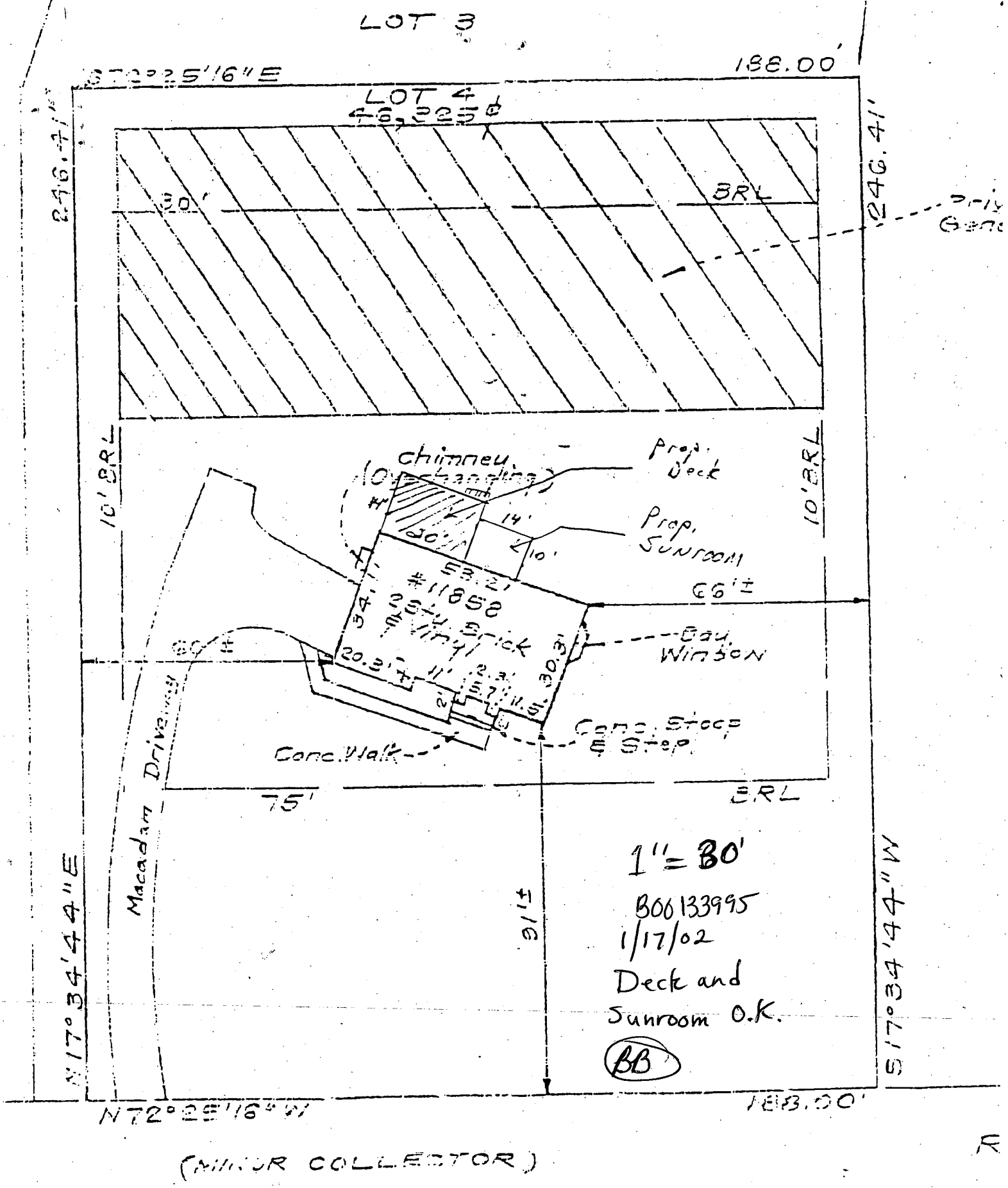


Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER: GAP

PERMIT No. HO-94-2249

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


LOT 3
N72°25'16"E
188.00'
LOT 4
16,325 ±
246.41'
30'
BRL
10' BRL
Chimney
Prop. Deck
Prop. Sunroom
14'
10'
20'
53.2'
#1858
34.3' ± Brick Vinyl
66' ±
Bay Window
20.3' ±
11'
2.3'
5.7'
31.3'
Conc. Stoop & Step
Conc. Walk
80' ±
Macadam Driveway
75'
91' ±
N17°34'44"E
S17°34'44"W
188.00'
N72°25'16"W
(MINOR COLLECTOR)
1" = 30'
B00133995
1/17/02
Deck and
Sunroom O.K.
BB