

10/3/95
12/00 to 3/00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-318850

P 50866 B

A 47205

DISTRICT 3rd

DATE 9-11-95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

DATE SYSTEM APPROVED 10-3-95

INDEXED

INSPECTOR ALM

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION West Friendship Estates LOT 26 ROAD 3160 River Valley Chase

PROPERTY OWNER Trinity Builders / Yi Sang

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

$$\begin{array}{r} 3 \\ 180 \\ \hline 720 \end{array}$$

$$\begin{array}{r} 4 \\ 180 \\ \hline 720 \\ \hline 320 \end{array}$$

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 180 feet down the right (340.28) lot line and 15 feet off that same lot line as seen when facing the lot from River Valley Chase. Run trenches on contour toward the left (342.68) 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 8/7/95 DKS

PLANS APPROVED BY Amy McMillen DATE 8/4/95

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

BLDG. PERMIT SIGNED

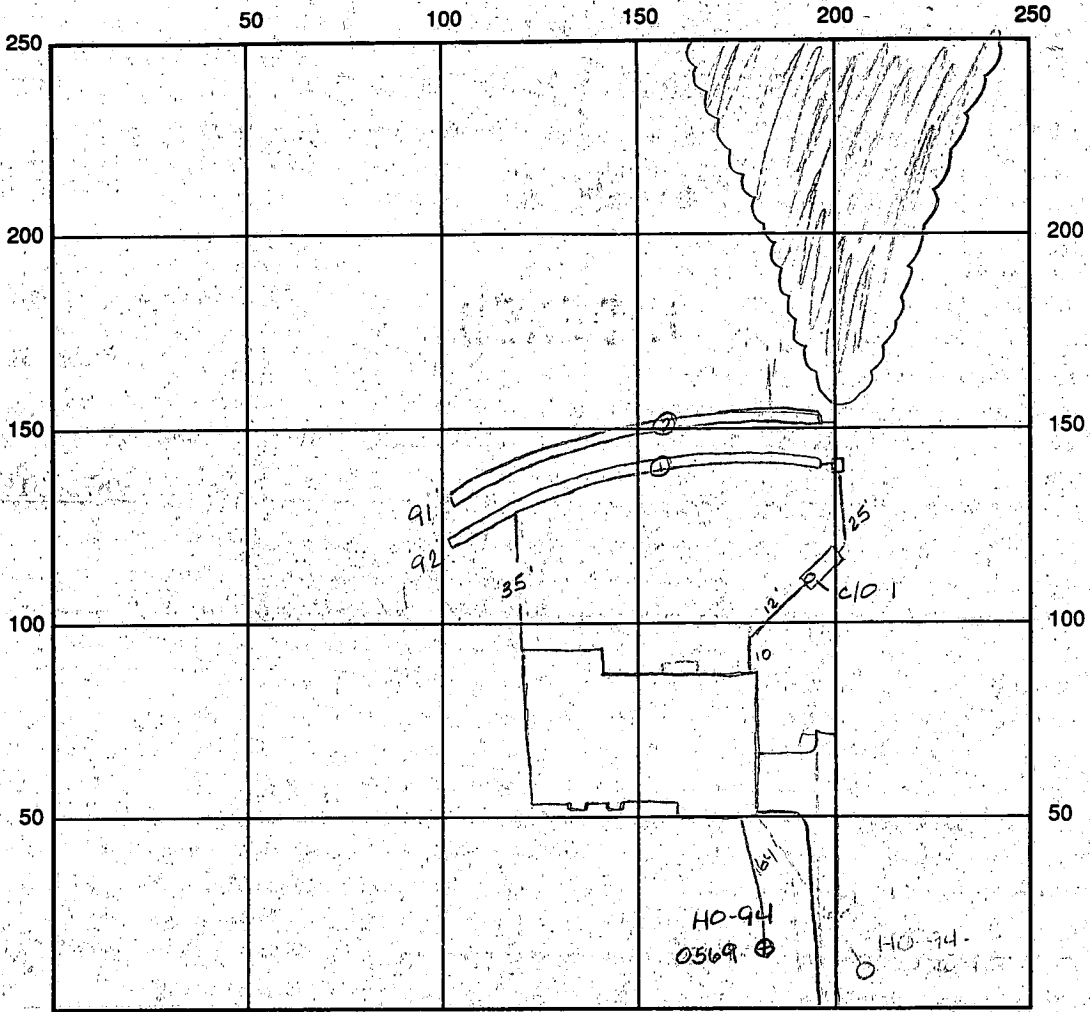
AND RETURNED 10-1-97

Serial # 20108175

Suren pick
open ditch

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

A
47205



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Fox Valley Drive

SEPTIC TANK LEVEL OK 1250 gal tank CLEANOUTS clo 1 OK

DISTRIBUTION BOX LEVEL OK baffle 15 in

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 2.0 FT. INLET DEPTH 2.0-2.5 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT. TOTAL LENGTH 92' = 183 total FT. linear feet

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 732 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 10/3/95 12:00pm OK to gravel trench one & begin to dig trench 2. OK to
cover trench 1; stop trench #2, 3:00pm OK to cover all work
final - House connection made Ann

DATE SYSTEM APPROVED 10-3-95 INSPECTOR Amy Mc Melle

APPLICATION

PERCOLATION TESTING

A 47205

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT _____

DATE 6/13/91

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER PERCONTEE, INC. Trinity Builders

ADDRESS 11900 TECH RD, SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291 410-313-8722

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WEST FRIENDSHIP ESTATES Section III Lot No 31 Lot 117 (7/12/91)

ROAD AND DESCRIPTION WEST IVORY RD. & RT 32, SOUTH OF RT. 70
(3160 River Valley Chase)

TAX MAP 15 PARCEL # 42

SIZE OF LOT 3.00 AC. +/- TYPE BLDG _____ (SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 8/4/95
Serial # 60353
SFD-4Bum

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]
(SIGNATURE OF APPLICANT)
FOR PERCONTEE, INC.

APPROVED BY [Signature] FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

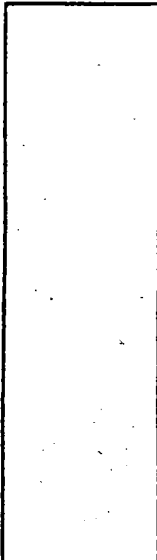
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/12/91

HD-216

THIS IS NOT A PERMIT

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	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

Lot 119
A47203

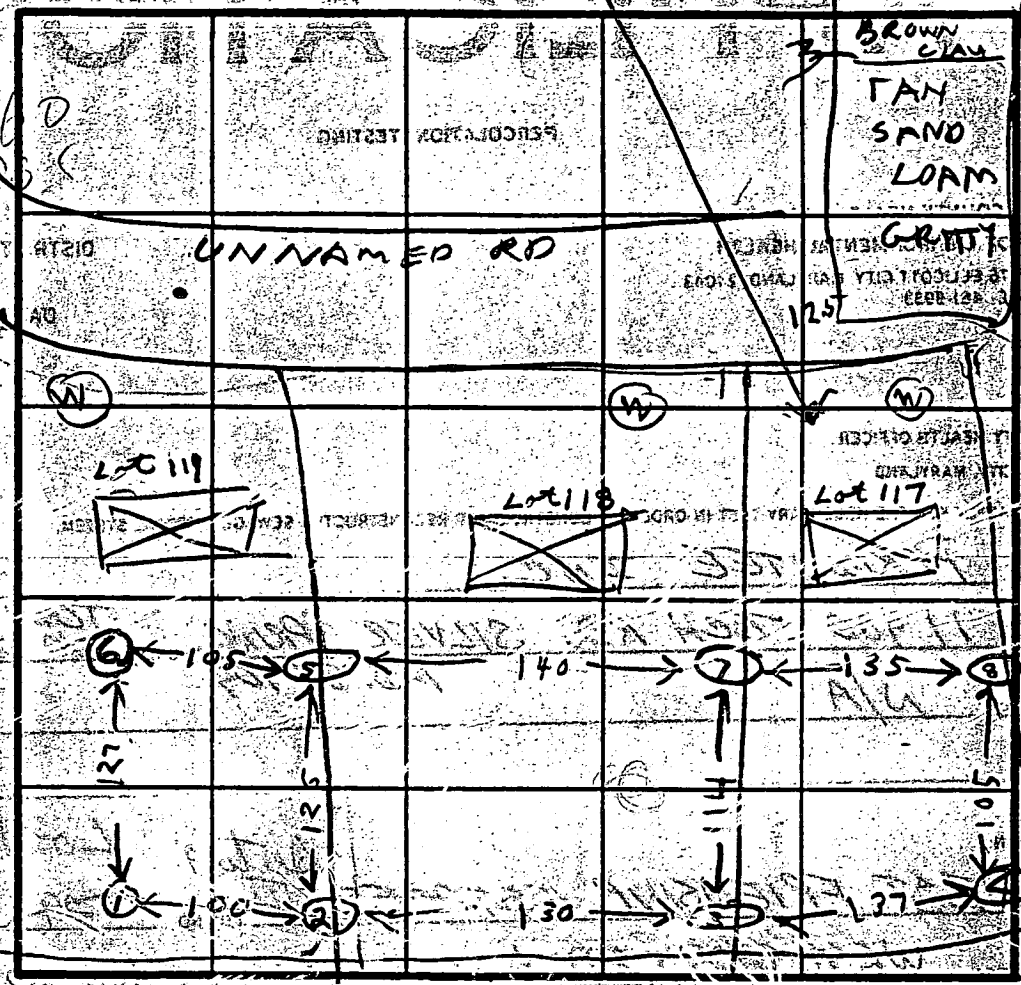
LOT 117

8

ONLINE 5

SOIL PROFILE

1
BROWN CLAY
4
LIGHT BROWN SAND
10



4
BROWN CLAY
BROWN SAND LOAM
10.5
6
BROWN CLAY
BROWN SAND LOAM
7
ONLINE 7
BROWN SAND LOAM
BROWN SAND LOAM
11.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
7/12/91	13 14	5 10	110 OK	114	114 124	10	Lot #119	
7/12/91	25 26	4 9.5	120 OK	140 SHALLOW	140 208	28	ONLINE #118 #119	
	33 33 33	4	131 OK	133	133 135	3	ONLINE #118	
	45 45 45	4.5 10.5	144 OK	147	147 150	3	#117	
	50 55	7.5 5	205 OK	207 210	207 239	3 13	ONLINE #119 #119	
	55	10.5	OK				#118	
	66	16.5	OK				#119	
	70 67.5	6 3	228 OK	233 230	232 230	7 2	ONLINE LOT #118 #118	
	76	11.5	OK				#118	
	80	12	OK				#117	

HOLES USED - 7, 8, 3, 4

REMARKS NO SURVEYOR STAKED HOLES

TYPE OF SOIL

TESTED BY R. HODGES

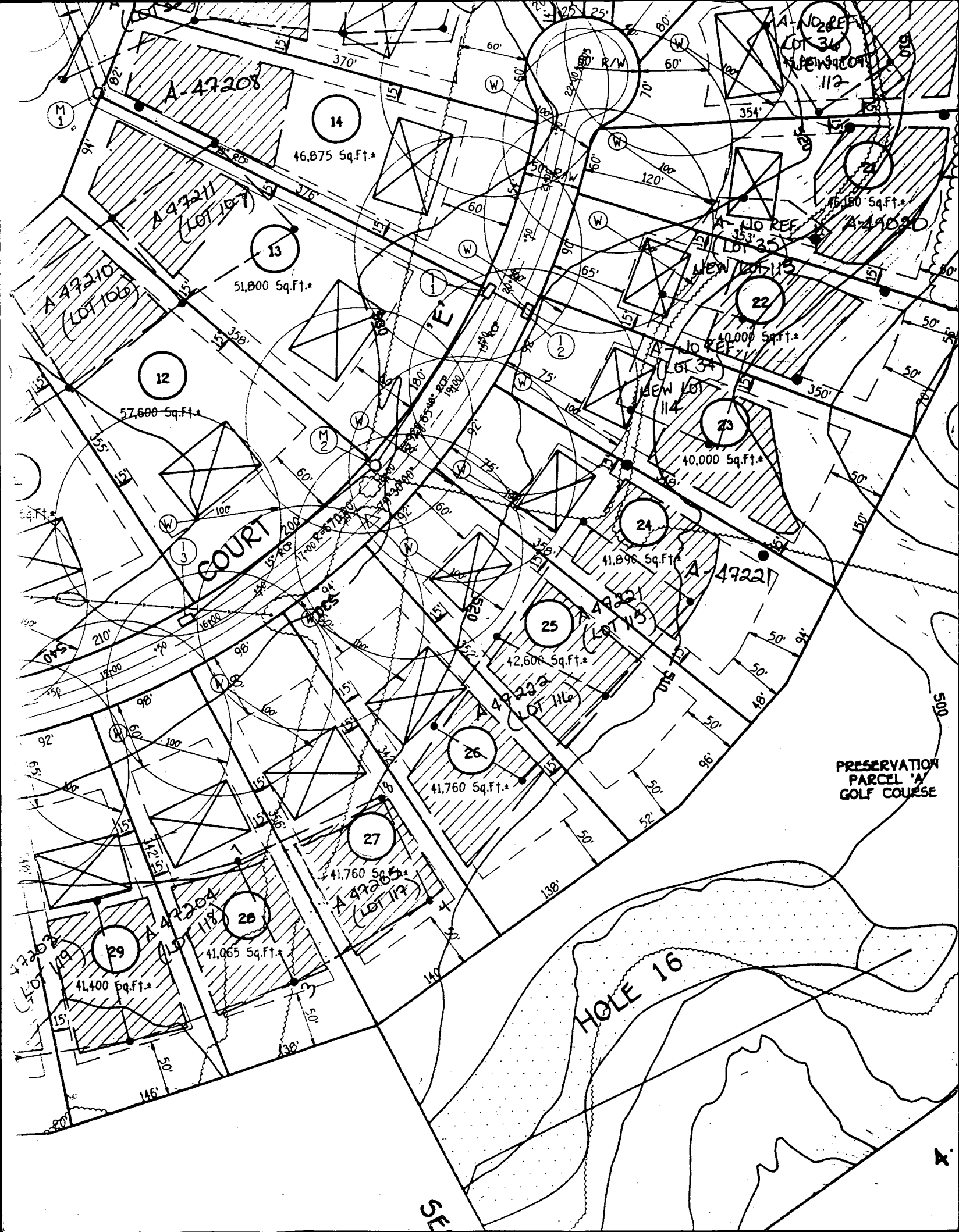
ALSO PRESENT

HUGH O KETTERMAN JR

CLAY
BROWN SAND LOAM

CLAY
BROWN SAND LOAM

4
BROWN CLAY
FAN GRATTY SAND LOAM



A-47208

14
46,875 Sq.Ft.±

A-47211
(LOT 19-7)

13
51,800 Sq.Ft.±

A-47210
(LOT 10b)

12
57,600 Sq.Ft.±

COURT

24
41,898 Sq.Ft.±

A-47221

25
42,608 Sq.Ft.±

A-47222
(LOT 11c)

26
41,760 Sq.Ft.±

27
41,760 Sq.Ft.±

A-47205
(LOT 11a)

28
41,065 Sq.Ft.±

29
41,400 Sq.Ft.±

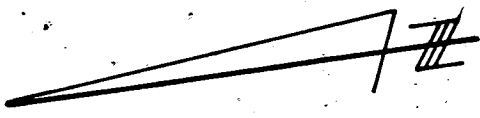
A-47204
(LOT 11b)

PRESERVATION
PARCEL 'A'
GOLF COURSE

HOLE 16

SE

PRES
PAR

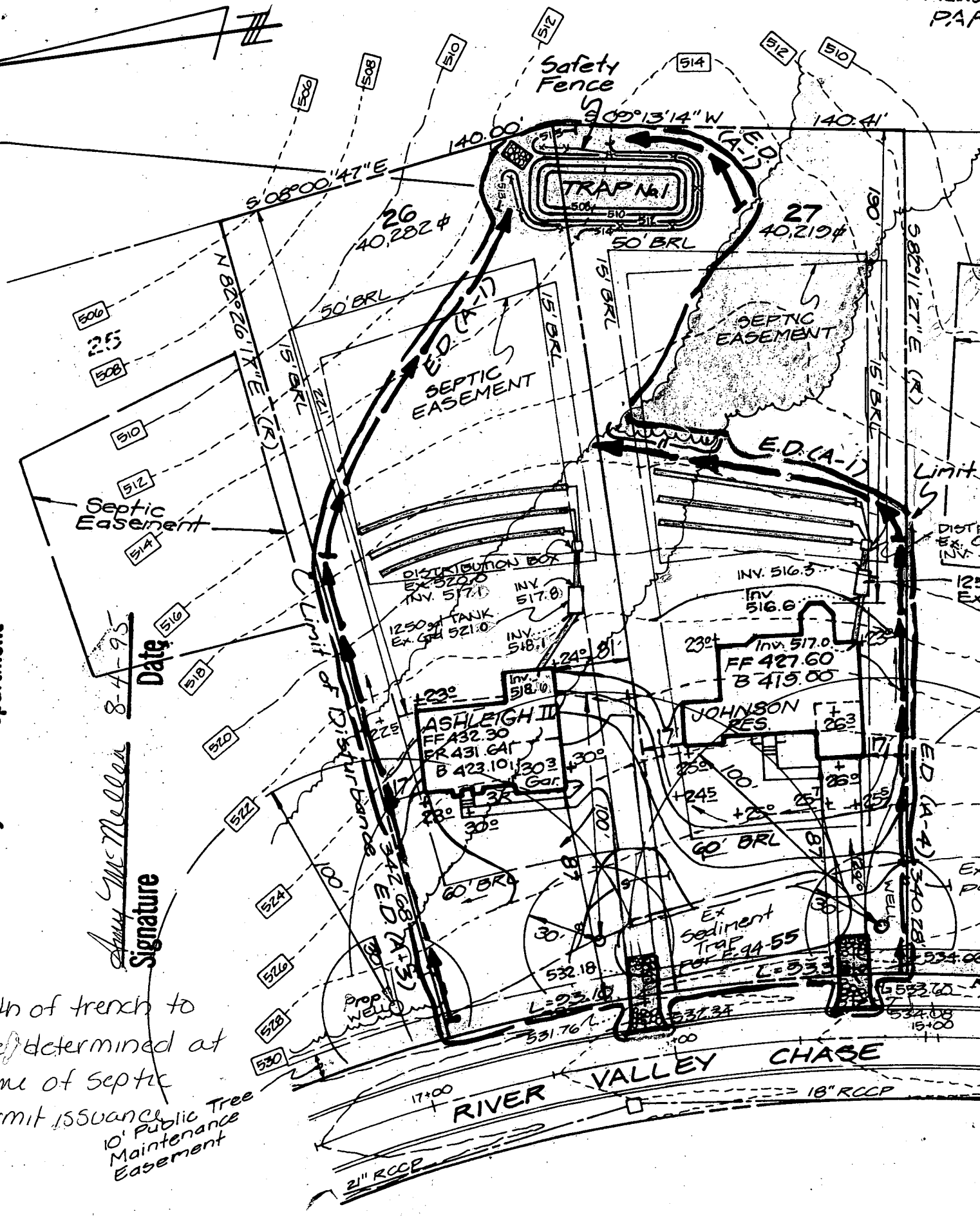


BT-V

Approved Septic System Plan
Howard County Health Department

Ann McMillan
Signature
8-4-95
Date

Length of trench to be determined at time of septic permit issuance.
10' Public Tree Maintenance Easement



B 1 0695 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-94-0569
 fill in this form completely

OWNER INFORMATION

Date Received (APA) 060795

TRINITY CUSTOM HOMES
 15 Last Name 21 Owner 27 First Name 34

6212 OCEAN DR
 36 Street or RFD 55

COLUMBIA MD21049
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

HOWARD
 8 COUNTY 21

WEST FRIENDSHIP EST.
 23 SUBDIVISION 42

SECTION 1 LOT 26
 44 46 48 50

WEST FRIENDSHIP
 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 MI
 73 76 77 78

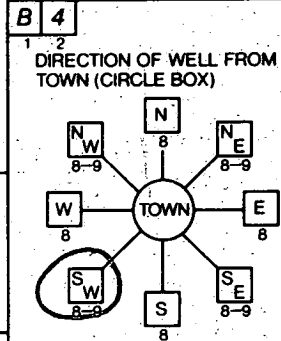
DRILLER INFORMATION CIRCLE: MSD/MGD/MWD

Ralph MAYNE
 Driller's Name 77 License No. 116

Ralph MAYNE (well Drilling)
 Firm Name

9120 Brown Church Rd. N.W. Army
 Address

Ralph Mayne 6/6/95
 Signature Date



River Valley Chase
 11 NEAR WHAT ROAD 30

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

DISTANCE FROM ROAD 50
 34 37

ENTER FT OR MI FT
 38 39

TAX MAP: _____ BLK: _____ PARCEL _____

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
 14 20

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 HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A 47205
 COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S

DATE ISSUED 06/15/95 Charles Kegan / Treasurer 6/15/96
 43 48 CO SIGNATURE EXP. DATE

NORTH GRID 529000 EAST GRID 0808000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 150 FEET
 24 28

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 _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

E 800 8
 N 520 2
 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

Growl 9:30 6-28-95 ⊕
225' DEEP
35' CASING
30 OPEN
10 BAGS
145 SAMPLE

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

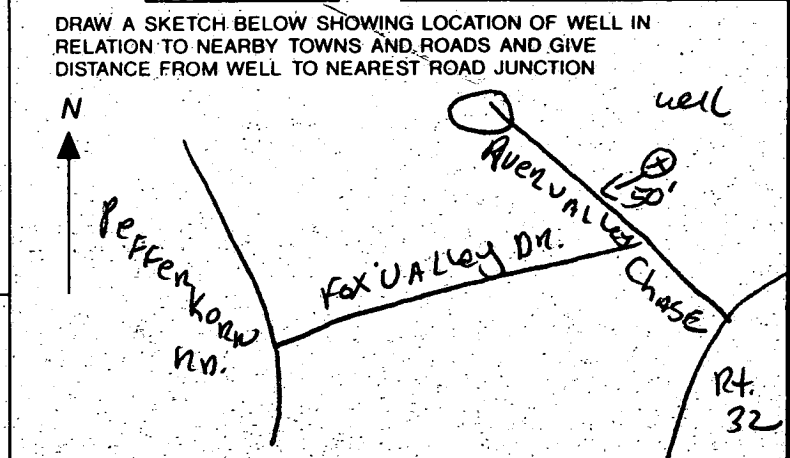
THIS WELL WILL NOT REPLACE AN EXISTING WELL

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 _____ G A P _____
 54 63

FORCE WRITE INITIALS IN BOX PERMIT No. HO-94-0569
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS 330-3133

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

C1 2752 SEQUENCE NO. (MDE USE ONLY)

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 COLUMNS 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 47205

ST/CO USE ONLY DATE RECEIVED 070795

DATE WELL COMPLETED 062895

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0569

OWNER: TRINITY CUSTOM HOMES RIVER VALLEY CHASE W. FRIENDSHIP TOWN W. FRIENDSHIP EST. SECTION 1 LOT 2726

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy Sandstone, MICKA, Sandstone, MICKA, Sandstone, MICKA.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (10), NO. OF POUNDS (60), DEPTH OF GROUT SEAL (30).

CASING RECORD: casing types (ST, CO, PL, OT), MAIN CASING TYPE (PL), Nominal diameter (6), Total depth (35).

OTHER CASING (if used) table with columns for diameter and depth.

SCREEN RECORD: screen type (ST, BR, HO, PL, OT).

WELL HYDROFRACTURED (N)

CIRCLE APPROPRIATE LETTER: A, E, P

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...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 1126 Nathl Wynne

DRILLERS SIGNATURE: Nathl Wynne LIC. NO. 117

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

DEPTH (nearest ft.) table with columns 1-21 and 23-36. Includes SLOT SIZE and DIAMETER OF SCREEN.

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 74 75 76

PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (10), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (94, 76), TYPE OF PUMP USED (S), PUMP INSTALLED (NO)

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 (+) above, (-) below LAND SURFACE (2) (nearest foot).

