

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XX-619-9213 313-2640

5/27/97 needs house
conn. DKS

03-321770

P 58119

A 41809

DISTRICT 3rd

DATE 5/1/97

DATE SYSTEM APPROVED 9/4/97

INSPECTOR DKS

Olen Ketterman

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 14960 Route 144 Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION W. Friendship Estates LOT 79 ROAD 3316 Velvet Valley Drive

PROPERTY OWNER Selfridge Builders

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 6

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 250 420

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 feet of stone below distribution pipe.

LOCATION - Begin trenches 180 feet up the right 318.00' lot line and 55 feet off that same lot line as seen when facing the lot from Velvet Valley Drive. Run trenches on contour toward the right 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 3/11/97 DKS

START SYSTEM AS HIGH AS POSSIBLE TO ALLOW MAX AREA FOR FUTURE REPAIRS - SUGGEST 614.5 CONTOUR MR 5/1/97

PLANS APPROVED BY Amy McMillne/Donna K. Soe REVISED DATE 10/22/96

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

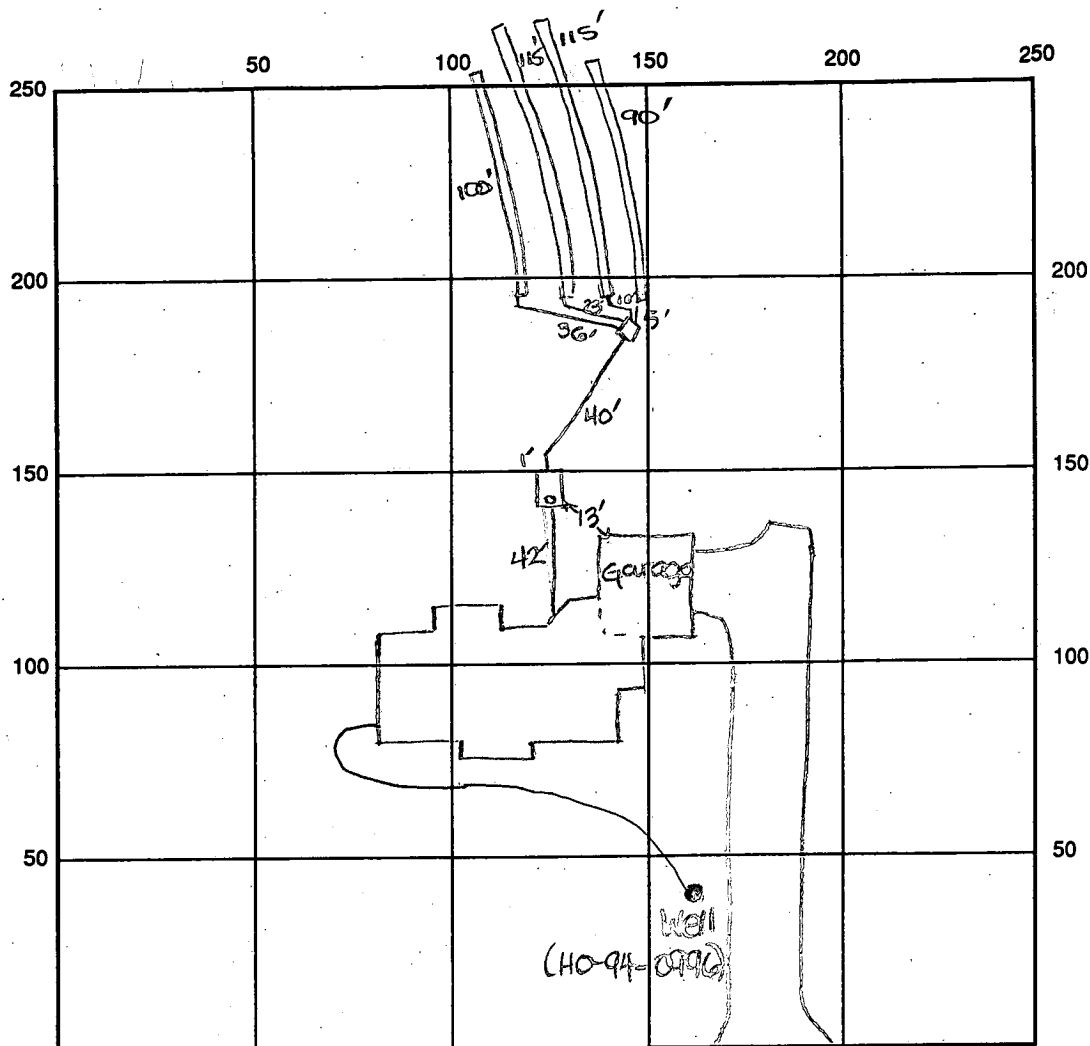
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Velvet Valley Drive

SEPTIC TANK LEVEL OK-2000 gal CLEANOUTS one on tank

DISTRIBUTION BOX LEVEL OK-

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 115 FT. 115 100 420

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 1260 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 5/2/97 OK to start trenches at start pt. shown on plan (not suggested)

Run 4, 105' trenches ALM

5/27/97 OK to cover all work - Needs house connection.

9-4-97 House connection OK. DKS

DKS

5-4-97 WPI OK TO COVER, HOUSE CONNECTION NOT VISIBLE. JP

7-3-97 House connection not visible JP

DATE SYSTEM APPROVED 9/4/97 INSPECTOR James K. [Signature]

APPLICATION

PERCOLATION TESTING

A 41809

P _____

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

DISTRICT 3RD

DATE 3/10/88

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 PRISCILLA CLAGETT AND AVIS PFEFFELKORN (Selfridge Builders)
c/o

ADDRESS 14000 CASTLE BOULEVARD SILVER SPRING PHONE 202-890-6077
MARYLAND 20904

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION BUENA VISTA FARM ESTATES LOT NO. 16 Sec 1

ROAD AND DESCRIPTION EAST SIDE OF PFEFFELKORN ROAD, NORTHWEST
OF MD. ROUTE 32 (3316 Velvet Valley Drive)

TAX MAP 22 PARCEL # 8

SIZE OF LOT 3.1 AC. TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED 3/11/87

Seal # 010105876
SFD-5Bum

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. Priscilla I. Clagett
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

A 4/809

#16

SOIL PROFILE

T. S. .
+ CLAY
TO
LIGHT
LOAM

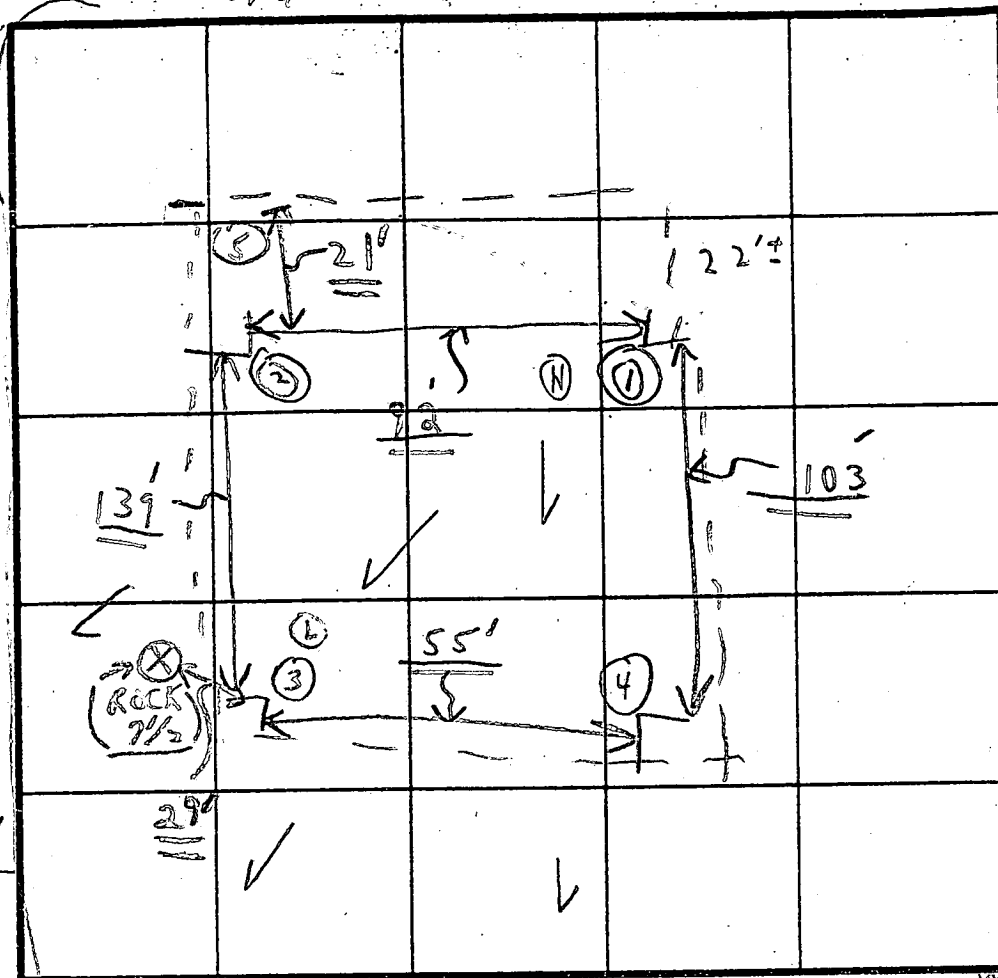
TO BOTTOM

① 131, ② 14, ③ 13

④ 13' ⑤ 13'

Leslie R.

☐ Metal She



x = 9 min
210 ft²/bdrm
inlet 4'
bottom 6'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

CYL DE 500

Sid Series
Clay to 4'

Chang 41

Clay to 4 1/2

day 5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/18/88	1A	4'	10:30	10:32	10:32	10:35	3m
#668	1B ^{16B}	7 1/2'	10:30	10:32	10:32	10:35	3m
	2A	4'	10:36	10:39	10:39	10:42	3m
	2B ^{16B}	14'	10:	:	Visual	loom	
	3A	4 1/2'	10:45	10:47	10:47	10:51	4m
	3B ^{16C}	13'	:	Visual	loom:		
	4A	5'	10:46	10:48	10:48	11:03	15m
	4B ^{16B}	13'		Visual	loom		
	5	13'		Visual	loom		

13 -
Deep

REMARKS

TYPE OF SOIL

TESTED BY

{ Tests per stake } [Hold for 100,000 pph
{ Tests in open } [1 more.
[✓ usual - ok]

C. B. A.

ALSO PRESENT

Same as 2
8/17

EH-12-1079

LOT 79

COUNTY #

SOIL PROFILE

3024

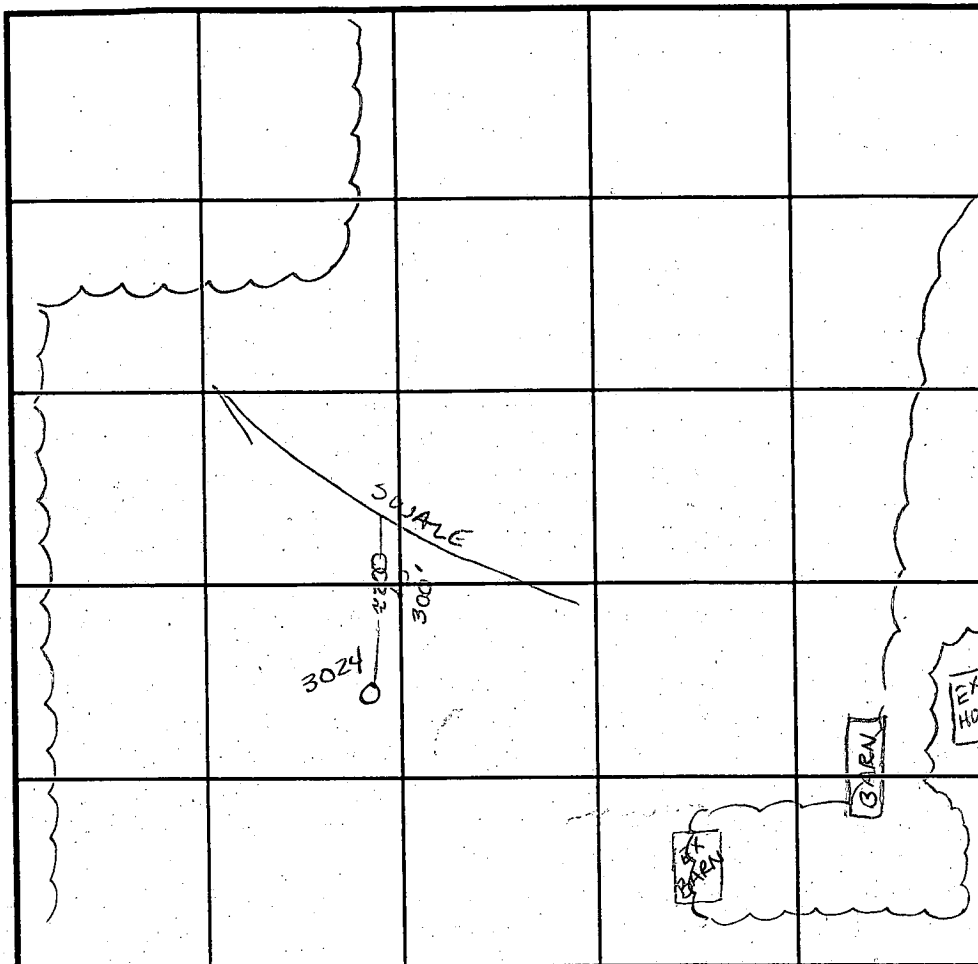
orange
brn
CSil

1 1/2 tan
yellow
Sil

pink
SSil
5-10%
decayed
pink
Shale

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	
3-15-95	3024	4' VII.5	12:16 ³⁰	12:21	12:21	12:30	9min

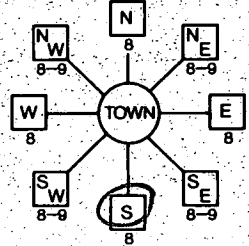
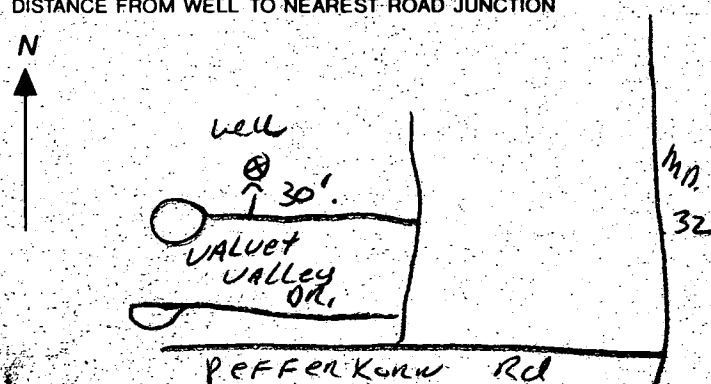
REMARKS _____

TYPE OF SOIL _____

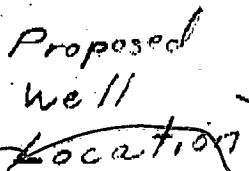
TESTED BY Amy McMillen ALSO PRESENT Olan Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

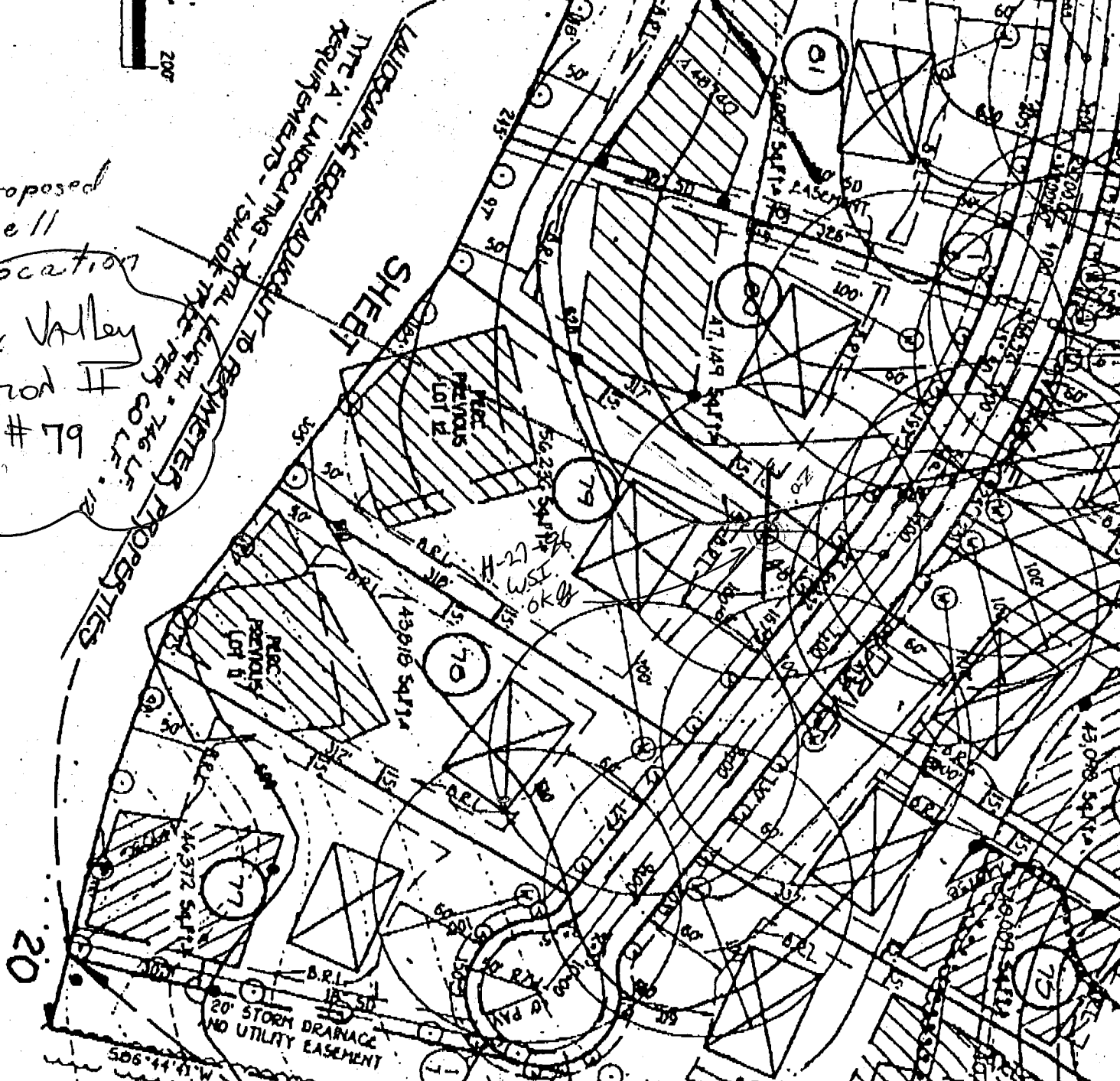
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

B 1 1 2 3 4 5 6 7 8 8704 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-94-0996 70 fill in this form completely 79
Date Received (APA) 1/12/96 OWNER INFORMATION 8 13 SELFRIEGE BUILDERS 15 Last Name 34 Owner First Name 14045 GARET OR 36 Street or RFD 55 6 LEMWOOD MD 21738 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL 1 2 HOWARD 8 COUNTY 21 WESTFRIEHOSHIP EST 23 SUBDIVISION 42 SECTION 2 LOT 79 44 46 48 50 WESTFRIEHOSHIP 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 M I 73 76 77 78	
DRILLER INFORMATION Ralph MAYNE Driller's Name 77 License No. 80 Ralph MAYNE well Drilling Firm Name 9120 Brown Church Rd. Mt. Airy Address Ralph Mayne 11/18/96 Signature Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  LOCATION OF WELL VALLEY VALLEY DR. 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 30 37 DISTANCE FROM ROAD ENTER FT OR MI FT 38 39 TAX MAP: _____ BLK: _____ PARCEL: _____	
B 2 WELL INFORMATION 1 2 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)	
APPROXIMATE DEPTH OF WELL 150 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH.		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD A-41809 COUNTY NAME COUNTY NO. STATE SIGNATURE _____ INSERT S ☐ DATE ISSUED 1/20/96 12/2/97 43 48 CO. SIGNATURE EXP. DATE NORTH GRID 529000 EAST GRID 909000 50 55 57 63	
METHOD OF DRILLING (circle one) 30 BORED (or Augered) JETTED Jetted & DRIVEN 37 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 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 8004 N 5209 000 000	
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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		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) APPROX. PERMIT NUMBER _____ 54 63 FORCE G5 WRITE INITIALS IN BOX PERMIT No. 40-94-0996 67 68 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			

三



Fox Valley
Section II
Lot # 79



C17897

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.

COUNTY
NUMBER

A-41809

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

OWNER

STREET OR RFD

SUBDIVISION

SECTION

LOT

WELL LOG

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

DESCRIPTION (Use
additional sheets if needed)

FEET

check
if water
bearing

GROUTING RECORD

WELL HAS BEEN GROUTED

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT

BENTONITE CLAY

NO. OF BAGS

NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from

ft. to

ft.

CASING RECORD

casing
types
insert
appropriate
code
below

STEEL

CONCRETE

PLASTIC

OTHER

MAIN
CASING
TYPE

Nominal diameter
top (main) casing
(nearest inch)

Total depth
of main casing
(nearest foot)

OTHER CASING (if used)

diameter
inch

depth (feet)
from

to

SCREEN RECORD

screen type
or open hole

insert
appropriate
code
below

STEEL

BRASS

BRONZE

OPEN
HOLE

PLASTIC

OTHER

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min.)

METHOD USED TO
MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

ft.

WHEN PUMPING

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 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

(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)

NUMBER OF UNSUCCESSFUL WELLS

WELL HYDROFRACTURED

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.

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO.

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.

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

C2

DEPTH (nearest ft.)

SLOT SIZE 1 2 3

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

TELESCOPE
CASING

LOG
INDICATOR

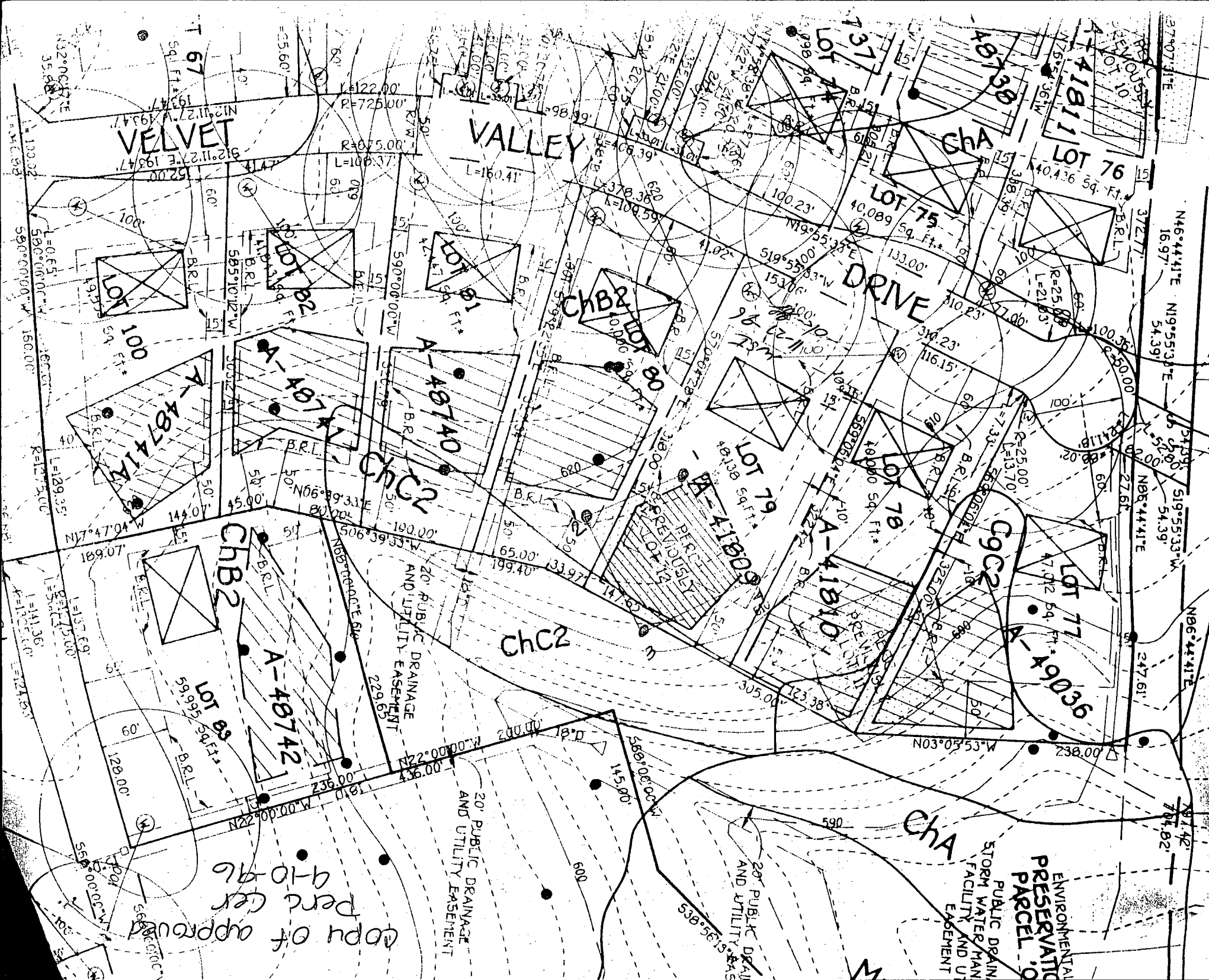
OTHER DATA

well 20' deep

Prop line

Road

703.28'
37°07'31"E
N46°44'41"E
16.97'
54.39'
N19°55'33"E
54.39'
N86°44'41"E
247.61'
N03°05'53"W
704.02'
703.28'
ADJOINING PARCEL OWNED BY
JOHN AND INGA SIMONIAN
UPON RECORDATION OF THIS PLAT
JAN AND INGA
SIMONIAN
LIBER 438 FOLIO 1400



copy of approved
Permit
9-10-96

* THERE IS NO BASEMENT SERVICE.
TO THEPTIC 997011

NO BASEMENT
OPTIC SYSTEM
INV. OUT @ HZE : 612.45
INV. IN @ OPTIC : 612.15
INV. OUT @ OPTIC : 611.85
GRD OVER OPTIC : 614.00
INV. IN @ DIST. BOX : ~~614.00~~ 610.5
GRD OVER DIST. BOX : 614.00
LOT 78

LOT 78

LOT 79
28, 138

48, 138 3

147.65

TRENCHES

SUGGESTED
START

LOT 80

Approved Septic System Plan
Howard County Health Department

LOT 75

Donna K. See
Signature

3/11/97
1210

VALLEY

DRIVE