

2/11/99
6:00 10:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511360

A 50368-F

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

360265
INDEXED

DATE 1-21-99

DATE SYSTEM APPROVED 2/11/99

INSPECTOR *PJP*

Walter King Plumbing & Heating IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 5305 King's Court, Frederick, Maryland 21703-6981 PHONE 301-662-6990

SUBDIVISION Riggs Property LOT 11 ROAD 14614 Riggs Meadow Drive

PROPERTY OWNER Ryan Homes

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 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Start the first trench 205 feet down the right lot line and 65 feet off that same lot line as seen when facing the lot from Sycamore Road. Run trenches on contour 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/w*

PLANS APPROVED BY Kimberly Maiste/Amy McMillen REVISED _____ DATE 12-28-98

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

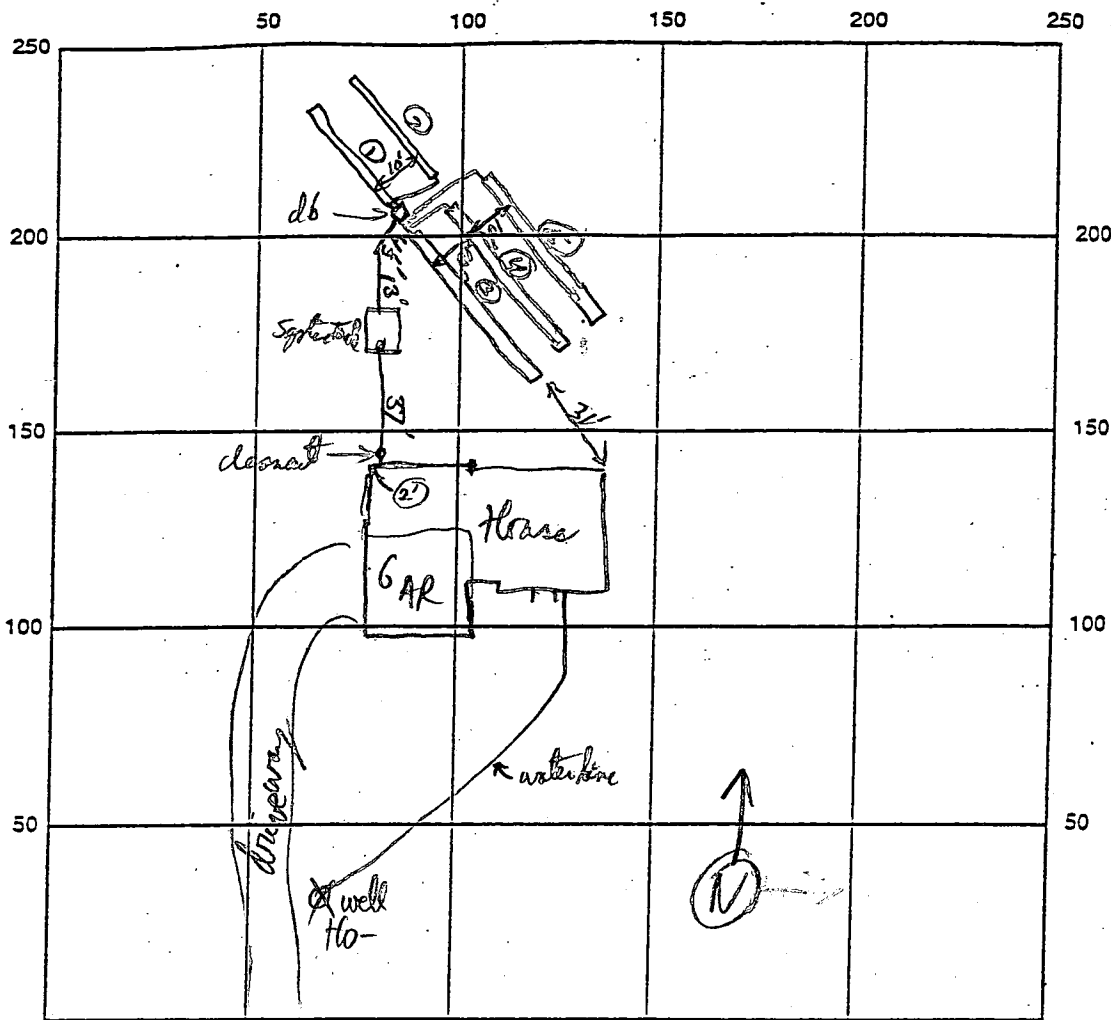
PERMIT VOID AFTER TWO YEARS

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

50368-F



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
Riggs Meadow Dr

SEPTIC TANK LEVEL 1250 incl second - OK

CLEANOUTS HSE + S.T.

DISTRIBUTION BOX LEVEL ✓ used dial-a-flow levels

DRAIN FIELD/TITLE DEPTH 5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 1 1/2 1/3 1/4 1/5
45/50/45/50/50 FT

NUMBER OF TRENCHES 5

ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: Trenches, d. box, Septic tank, House Connection all ready to cover. R/P 2/11/99

WPT - p/lbs ok + water line OK @ 3 1/2 ft R/P 2/11/99

DATE SYSTEM APPROVED 2/11/99

INSPECTOR R/Pinkley

APPLICATION

50368F

~~50468~~~~503028~~

PERCOLATION TESTING

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

DISTRICT

4th

DATE

9/30/94

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

Amalia Riggs, c/o SDC Group, Inc. RYAN HOMES
8480 N Baltimore - National Pk

ADDRESS

PO BOX 417, Ellicott City, MD 21041 PHONE (410) 465-6105

PROSPECTIVE BUYER

ADDRESS

PHONE

PROPERTY LOCATION:

SUBDIVISION

Riggs Property

LOT NO.

Grd. 1 11

ROAD AND DESCRIPTION

Located @ SW Corner of the intersection of
Roxbury Mill (Rte. 97) & Frederick Rd (Rte. 144)

TAX MAP

8 & 14

PARCEL #

96(14614 Riggs Meadow Drive)

AND RETURNED

12-28-98

SIZE OF LOT

55000 ± S.F.

TYPE BLDG

Single Family Dwelling - 4Brm
(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.

(SIGNATURE OF APPLICANT)

James B. Morley, III V. Pos

APPROVED BY

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 717

orange
red
silt3.5' orange
silt
Sticky
many
grey
mottles
beginning
at
11'. From
5'-10' there
is a
40% rock
zone

12'

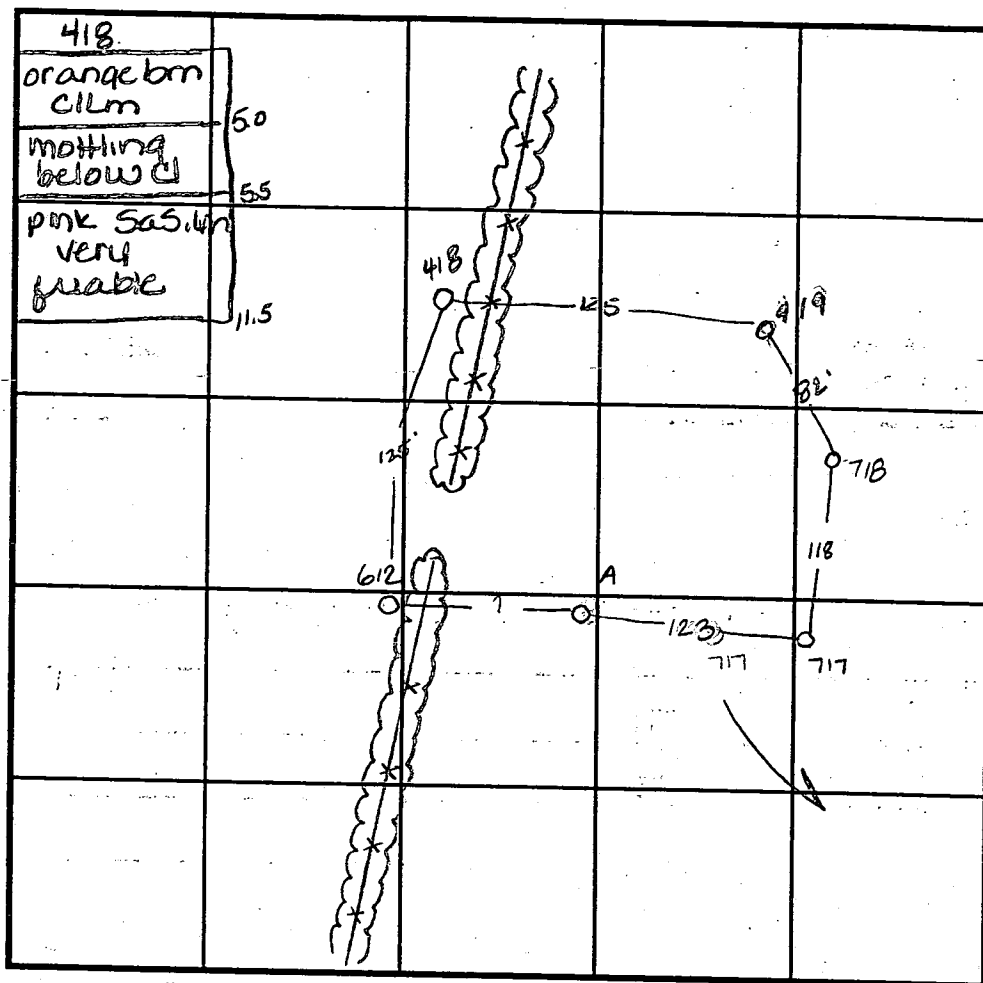
718

orange
brn
silt4' pink to
red
matrix
color
many
yellow blk
scream
mottles
probably
from
parent
rock

612

orange/
red-
brn
clay3' 1gt tan
silt
pocket
of
40%
rock
not
continuous8' white
silt

11.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Rt. 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-5-95	612	5' $\sqrt{12}$	6:48 ³⁰	6:54 ¹⁵	6:54 ¹⁵	7:04 ³⁰	10 1/4 min
	A	5' $\sqrt{12}$	7:09 ¹⁵	7:10 ³⁰	7:10 ³⁰	7:12 ³⁰	2 min
11-29-95	717	Not tested -	see profile		—		WET SEAS
	718	Visual	to 12.0 - see profile		—		OK
11-3-94	418	5' $\sqrt{11.5}$	8:23 ⁴⁵	8:24 ³⁰	8:24 ³⁰	8:25 ³⁰	1 min
11-15-94	5' $\sqrt{11}$	5' $\sqrt{11}$	6:11 ¹⁵	6:13 ¹⁵	6:13 ¹⁵	6:17	3 1/4 min

REMARKS wet season (717)

TYPE OF SOIL

TESTED BY

ALSO PRESENT

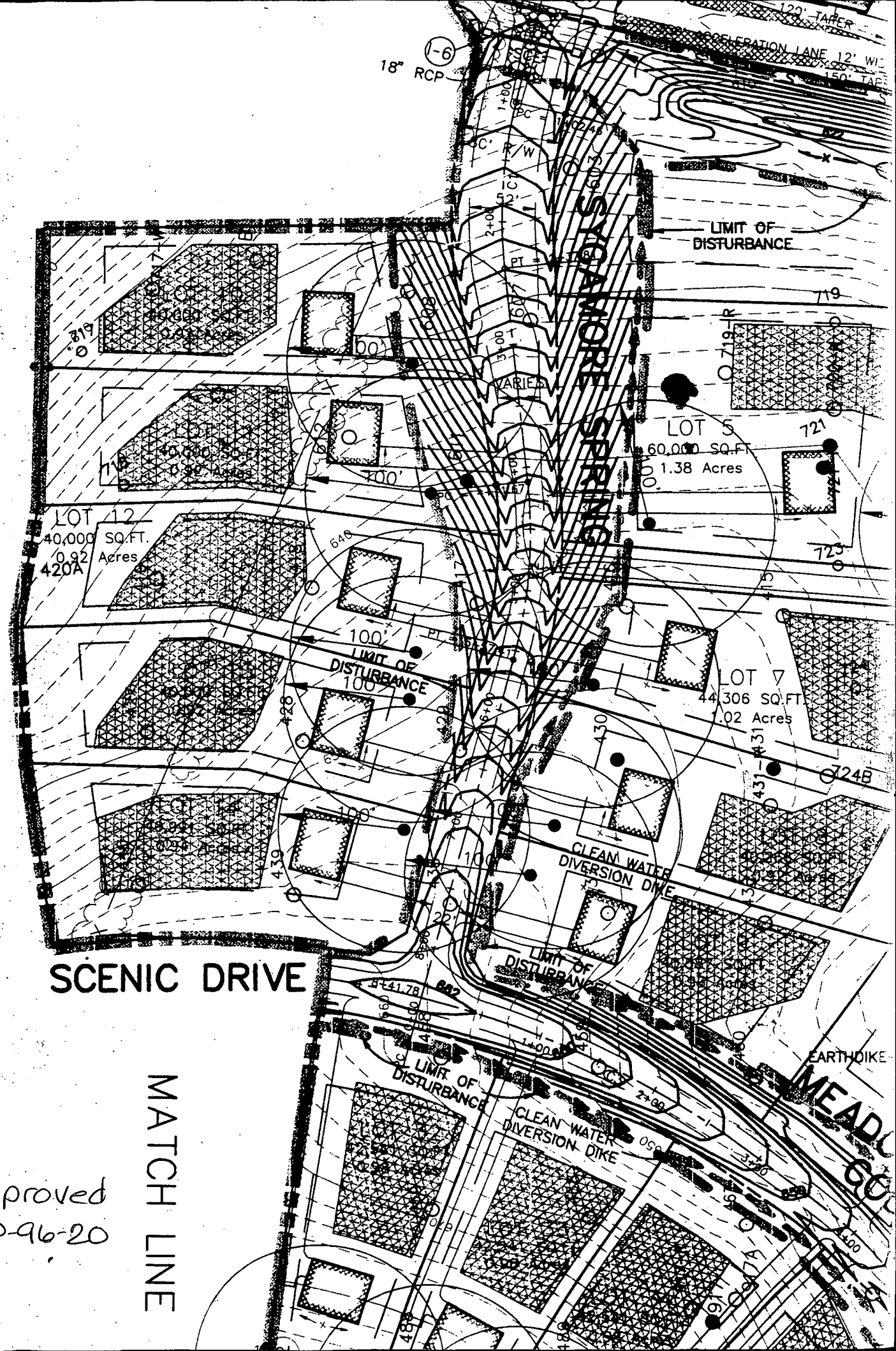
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM



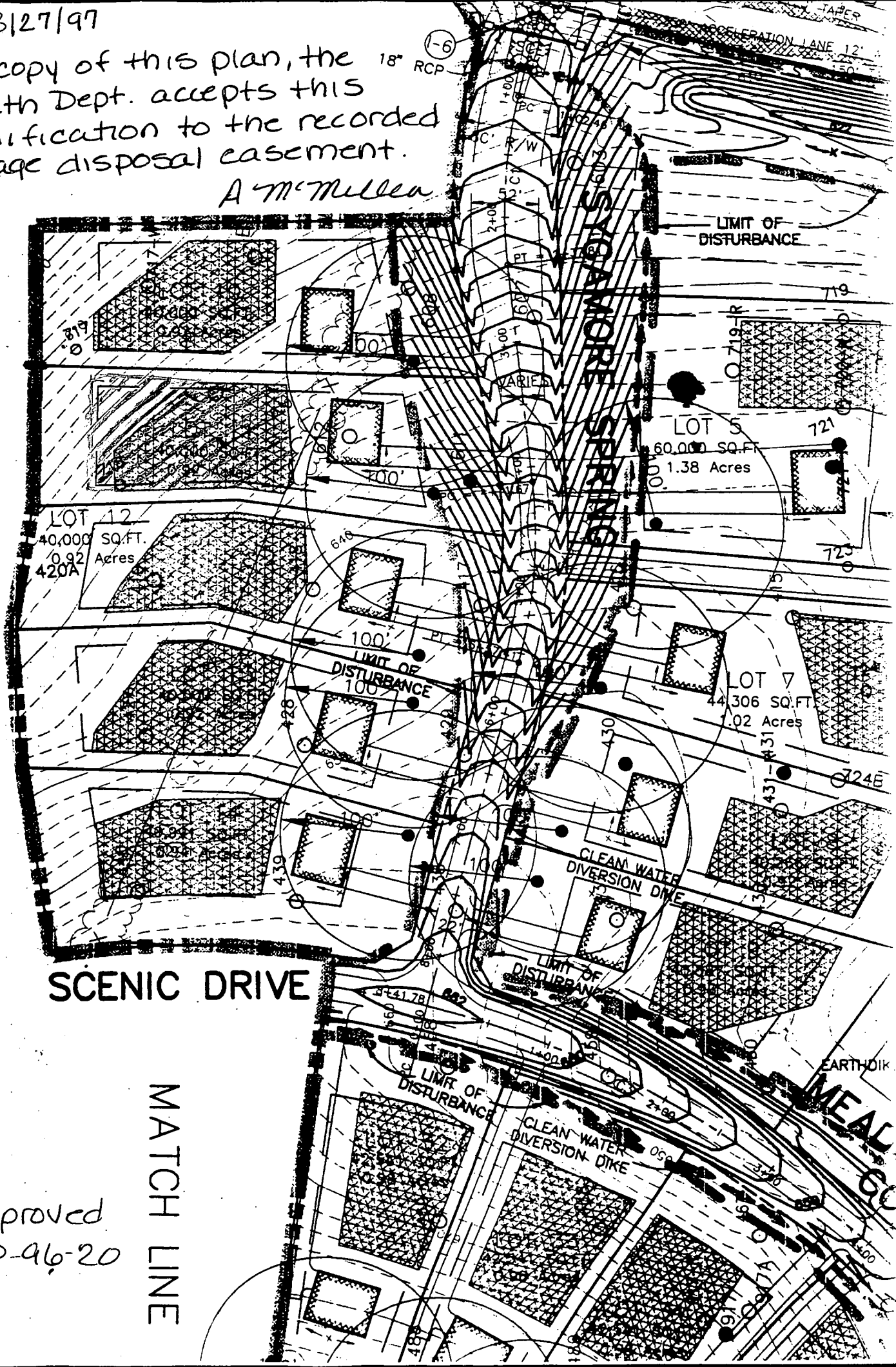
Approved
7-96-20

MATCH LINE

8/27/97

By copy of this plan, the Health Dept. accepts this modification to the recorded sewage disposal easement.

A McMillen



Approved
P-96-20

MATCH LINE

PRES. PARCEL 'A'

N69°15'14"W 112.35'

LOT 11
40,318 SF

LIMIT OF
DISTRIBUTION

SILT
FENCE

VICTORIA

EXIST. HOUSE

SILT
FENCE

SILT
FENCE

RIGGS MEADOW DRIVE

Approved Septic System Plan Howard County Health Department

Lawrence M. M. 12/28/98
Signature Date

Total linear feet of trench required 240 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 5.0 feet

Depth of stone required below distribution pipe 2.0 feet

and worked into the soil in conjunction with the following procedures. Place topsoil (if required) 20.0 Vegetative Stabilization - Section I

- i. When topsoiling, maintain needed erosion control.
- ii. Grade Stabilization Structures, Earth Dikes
- iii. Grades on the areas to be topsoiled, which shall be 4" - 8" higher in elevation.
- iv. Topsoil shall be uniformly distributed in a 4" thickness of 4". Spreading shall be performed with a minimum of additional preparation resulting from topsoiling or other operation of depressions or water pockets.
- v. Topsoil shall not be placed while the topsoil is excessively wet or in a condition of grading and seedbed preparation. G-21-2

C1 1744

SEQUENCE NO.
(DENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

13

(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

050797

22 365 26
(TO NEAREST FOOT)28 29 30 31 32 33 34 35 36 37
H0-94-1123

OWNER

S. D. C.

STREET OR RFD

last name SYCAMORE SPRING RD. first name

TOWN COOKSVILLE

SUBDIVISION

Riggs Property

SECTION

LOT

11

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM TO

Check
if water
bearing

Brown Shale 0 32

Gray Mica Rock 32 365 ✓

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT ☒ CMBENTONITE CLAY ☐ BC

NO. OF BAGS 11

NO. OF POUNDS 1034

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 33 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below☒ ST ☐ CO
STEEL CONCRETE
☒ PL ☐ OT
PLASTIC OTHERMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)☒ S ☒ T

06

36

E
A
C
H
C
A
S
I
N
G

OTHER CASING (if used)

diameter
inchdepth (feet)
from toscreen type
or open hole

SCREEN RECORD

insert
appropriate
code
below☒ ST ☐ BR ☐ HO
STEEL BRASS OPEN
☒ PL ☐ OT
PLASTIC HOLE
OTHERIN HARD ROCK AREAS, IDENTIFY SPECIFICALLY
WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED

yes
☒ Yno
☐ 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
WELLI 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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO.

024

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

W Q

TELESCOPE
CASINGLOG
INDICATOR

OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour)

06

PUMPING RATE (gal. per min.
to nearest gal.)

206

METHOD USED TO
MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

55

WHEN PUMPING

293

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

(CIRCLE) (YES or 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)

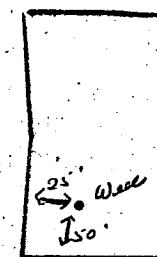
PUMP HORSE POWER

PUMP COLUMN LENGTH
(nearest ft.)CASING HEIGHT (circle appropriate box
and enter casing height)☒ + above☐ - below

LAND SURFACE

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)

Sycamore Spring Rd.

COUNTY

COUNTY

4/24/97 well site OK No insp. made AUM

