

C-10
2/1/99
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511146
50463 F
A 50368

DISTRICT 4th

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

360532

DATE 12/10/98

DATE SYSTEM APPROVED 2/1/99

INDEXED

INSPECTOR AM

Walt Walter King Plumbing & Heating IS PERMITTED TO INSTALL ALTER

ADDRESS 5305 King's Court Frederick, MD 21703 PHONE _____

SUBDIVISION Riggs Property LOT 35 ROAD 2012 Meadow Tree Court

PROPERTY OWNER Ryan Homes Tom & Allison Kerns Cocksville 21723

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS **BUILDING PERMIT SIGNED**

NUMBER OF BEDROOMS 4 **AND RETURNED 8-21-02**

180 SQUARE FEET PER BEDROOM **800138066-IGPOOL**

LINEAR FEET OF TRENCH REQUIRED 240

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 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 175 feet up the left (383.53') lot line and 15 feet off that same lot line as seen when facing the lot from Meadow Tree Court. Run trenches on contour toward the front right property corner.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/29/98 DKS

PLANS APPROVED BY Amy McMillen DATE 7/27/98

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) **BLOG PERMITS SIGNED AND RETURNED 5/14/01**

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH **800130226 - Construct a sundeck 2 level (20' x 20') (15' x 15' 8") w/ steps**

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**

V 50463-F

APPLICATION

PERCOLATION TESTING

A 50368

P _____

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 Baltimore - National Pike

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 35

ROAD AND DESCRIPTION 2012 Meadow Tree Court
Located @ SW Corner of the intersection of
Roxbury Mill (Rte. 97) & Fiederick Rd (Rte 144)

TAX MAP 0814 PARCEL # 96

SIZE OF LOT 55000 ± S.F. TYPE BLDG Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 7-27-98
Serial # 60112798

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. James R. Morley, III V. Pos
(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

COUNTY #

SOIL PROFILE
917-A

0' yellow
tan
siltm

3.0' bright
red
silm
very
friable
angular
structure

11.0' lgt tan
salm

12.0'

499

1.0' topsoil

yellow
orange
clisalm

4.5' reddish
orange
salm
< 5%
1" dia
rock
brags

12.0'

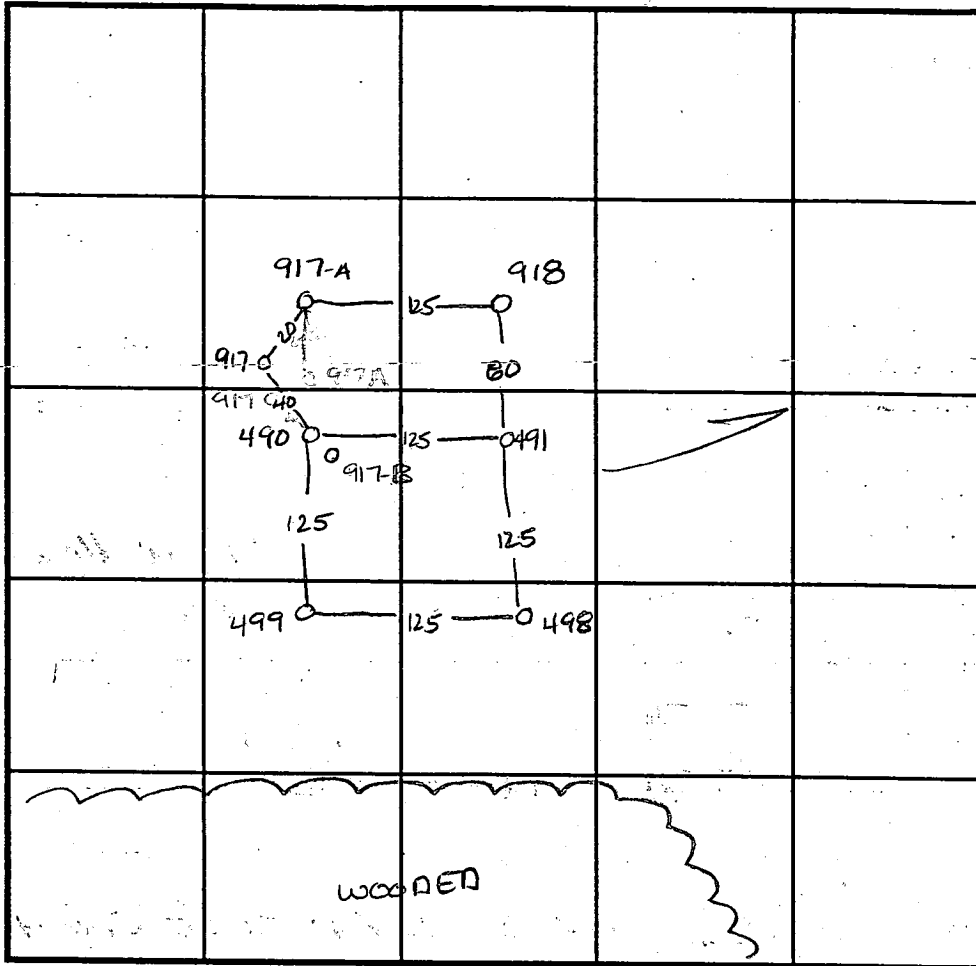
498 491

red's
yellow
mottled
clay

4.5' lgt tan
beigh
w/ some
red
sasilm
50% rock

5"-10" dia
brags

12.0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
918

0' red
siltm

2.0' bright
pink
sasilm
micaceous

12.5'

917-B

dark
red
clay

4.0' red w/
many
mottles from
parent rock

10.0' 30% large
boulders
OK

12.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-29-95	917-A	Visual	to 12.0	- see profile			OK
	917	Refusal	at 3.0				F
	490	> 50% rock					F
11-3-94	499	5.0 v.12	6:16 ³⁰	6:18	6:18	6:20	2min
11-2-94	498	5 v.12.0	6:33 ¹⁵	6:34 ¹⁵	6:34 ¹⁵	6:36 ⁴⁵	2 1/2 min
	491	6' v.13.0	6:38 ¹⁵	6:38 ³⁰	6:38 ³⁰	6:39 ¹⁵	45 sec
	491	repour	6:39 ³⁰	6:40 ³⁰	6:40 ³⁰	6:42	1 1/2 min
	918	Visual	to 12.5		see profile		OK
	917-B	Visual	to 12.0		see profile		OK

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen

ALSO PRESENT _____

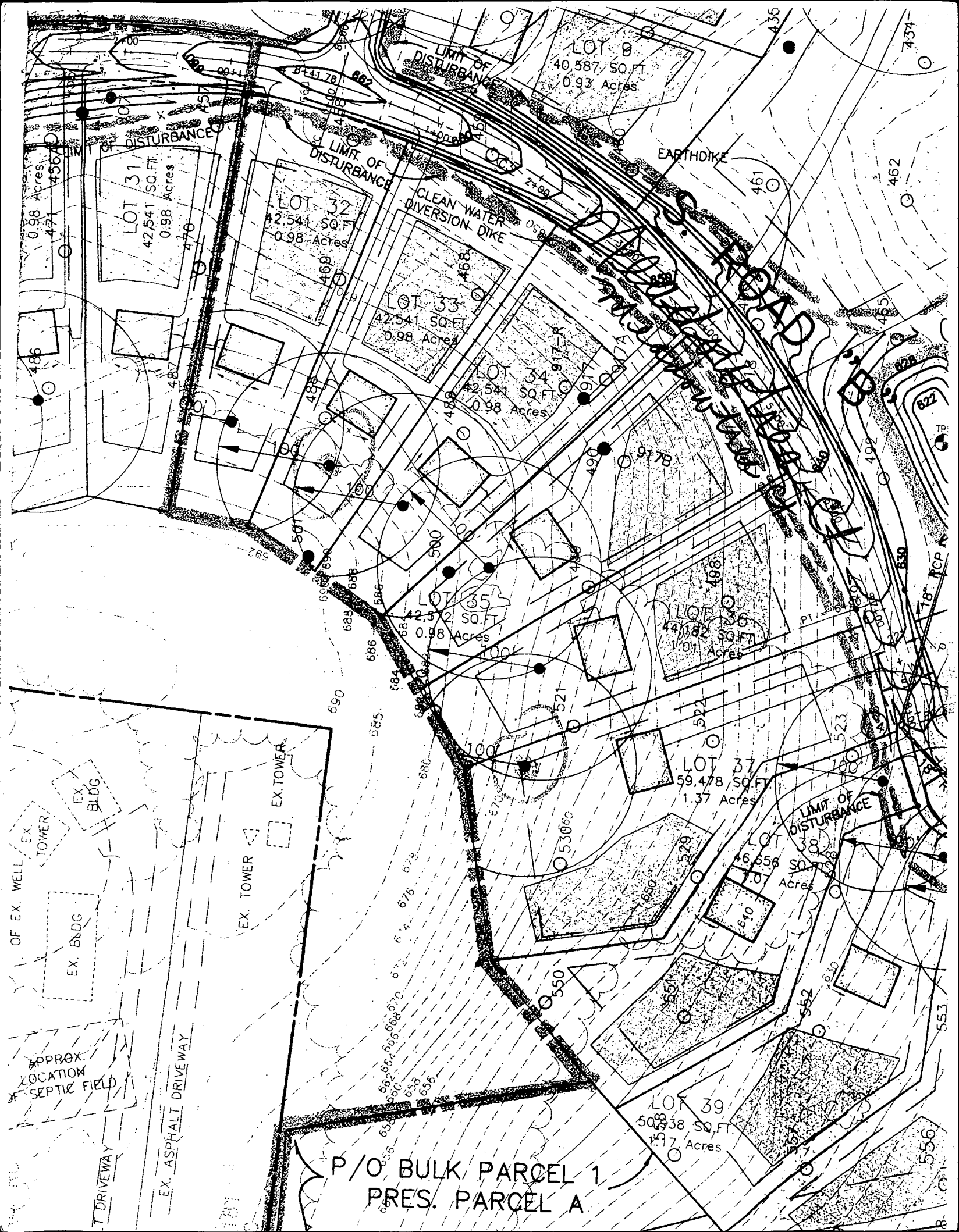
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

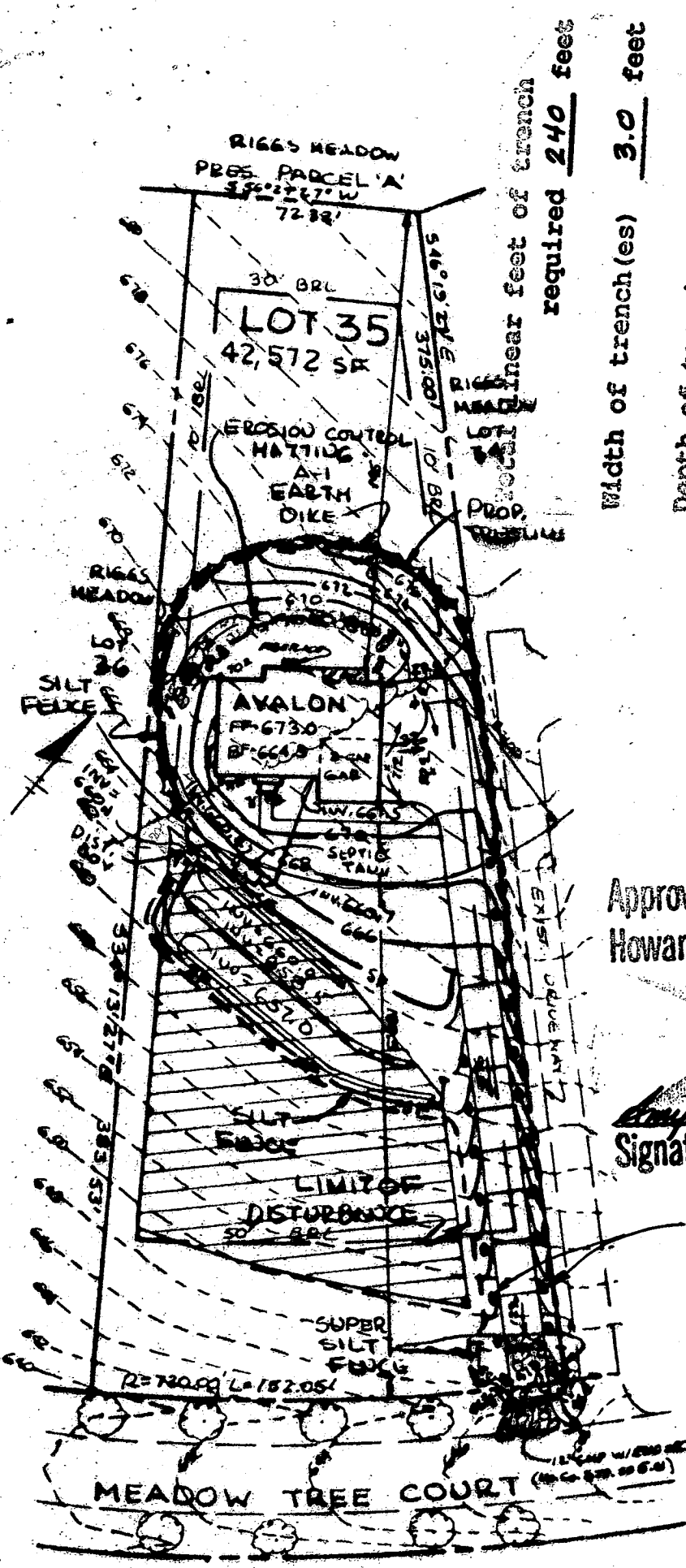
TRENCH WIDTH _____

INLET DEPTH _____

MAXIMUM BOTTOM DEPTH _____

SQ. FT./BEDROOM _____





PLAN
SCALE: 1"=50'

linear feet of trench required 240 feet
 Width of trench(es) 3.0 feet
 Depth of trench(es) 5.5 feet
 Depth of stone required below distribution pipe 2.0 feet

POSITIVE DRAINAGE - GRADE SUFFICIENT TO DRAIN

PLAN VIEW

FLOW CHANNEL STABILIZATION
GRADE 0.5% MIN. 10% MAX.

- Seed and cover with straw mulch.
- Seed and cover with Erosion Control Matting or lime with sod.
- 4" - 7" stone or recycled concrete equivalent pressed into the matting.

CONSTRUCTION SPECIFICATIONS

- All temporary earth dikes shall have uninterrupted positive grade. Spot elevations may be necessary for grades less than 1%.
- Runoff diverted from a disturbed area shall be conveyed to a stable device.
- Runoff diverted from an undisturbed area shall outlet directly into a stabilized area at a non-erosive velocity.
- All trees, brush, stumps, obstructions, and other objectional material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.
- The dike shall be excavated or shaped to line, grade and cross section to meet the criteria specified herein and be free of bank project irregularities which will impede normal flow.
- Fill shall be compacted by earth moving equipment.
- All earth removed and not needed for construction shall be placed and disposed of so as not to interfere with the functioning of the dike.
- Inspection and maintenance must be provided periodically and after heavy rain.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE A-1-6	MARYLAND DEPARTMENT WATER MANAGEMENT
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NOTE: FOR SUPER-SILT FENCE AND STONE CHECK DAM DETAILS REFER TO PAGES H-26-1 & B-8-1 OF THE 1994 MARYLAND STANDARDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

Approved Septic System Plan
 Howard County Health Department

Amy McMiller 7/27/98
 Signature Date

STONE CHECK DAM (TYP.)
 REFER TO DETAIL FOR SPACING REQUIREMENTS

- TOPSOIL STABILIZATION**
- Topsail salvaged from the site as set forth in these specifications given soil type can be found published by USDA-SCS in the National Engineering Handbook.
 - Topsail Specifications - Soil
 - Topsail shall be a loam. Other soils may be used by the appropriate agency. Contrasting textured, slag, coarse fragments in diameter.
 - Topsail must be free of grass, nutsedge, poison ivy, etc.
 - Where the subsoil is eroding, it shall be spread at the time of the placement of the topsail and worked into the following procedures:
 - 20.0 Vegetative Stabilization
 - When topsoiling, maintain Grade Stabilization Structure
 - Grades on the areas to be topsoiled shall be 4" - 8" higher.
 - Topsail shall be uniformly spread to a thickness of 4". Spread shall be with a minimum resulting from topsoiling of depressions or water marks.
 - Topsail shall not be placed where the subsoil is excessively eroding and seeded.

B 1 **7447** 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-94-11117
 70 fill in this form completely 78

Date Received (APA)
033197 **OWNER INFORMATION**

S D C E
 15 Last Name Owner 34 First Name

HO BOX 417
 36 Street or RFD 55

E A H I C O T H C I T Y M D 2 1 0 4 1
 57 Town 70 State 72 Zip 76

B 3 **LOCATION OF WELL**

HOWARD
 8 COUNTY 21

RIGGS PROPERTY
 23 SUBDIVISION 42

SECTION **44** 46 LOT **35** 48 50

COOKSVILLE
 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **1** 73 **M I** 76 77 78

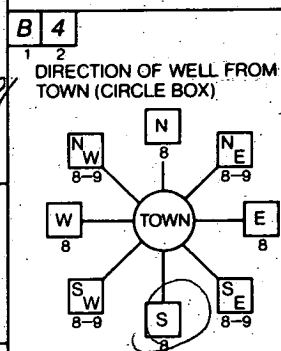
DRILLER INFORMATION CIRCLE: MSD/MGD/MWD

Joseph L. Mays **024**
 Driller's Name 77 License No. 80

Joseph L. Mays Well Drilling
 Firm Name

5512 Ridge Rd. Mt. Airy Md. 21771
 Address

Joseph L. Mays **3/31/97**
 Signature Date



Meadowtree Ct
 11 NEAR WHAT ROAD 30

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

34 **200** 37 DISTANCE FROM ROAD
 ENTER FT. OR MI **FF** 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)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard **13**
 COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S 41
 DATE ISSUED **042297** **J. McMiller** **04/21/98**
 43 48 CO SIGNATURE EXP. DATE

NORTH GRID **590000** EAST GRID **0792000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **200** 24 28 FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (for Augered) **JETTED** **Jetted & DRIVEN**

AIR-ROTARY **AIR-PERCussion** **ROTARY** (Hydraulic Rotary)

CABLE **REverse-ROTary** **DRive-POINT**

other _____

REPLACEMENT OR DEEPEMED 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 DEEPEMED (IF AVAILABLE) 41 _____ 52

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

APPROX. PERMIT NUMBER _____ **G A P** _____ 54 63

FORCE **AM** WRITE INITIALS IN BOX 67 68 PERMIT No. **HO-94-11117** 70 71 72 73 74 75 76 77 78 79

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

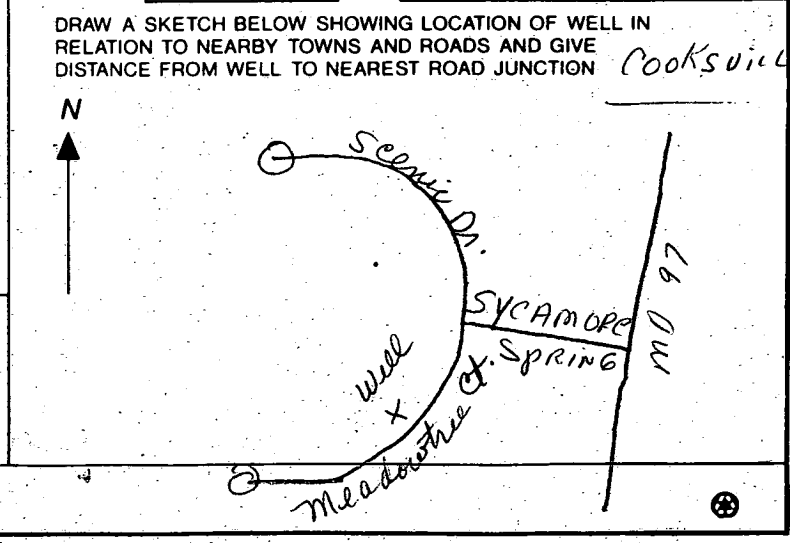
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- Well**
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7982
N 5304



C1 1303

SEQUENCE NO. (DENV 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)

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 05/3/97

Depth of Well 205 (TO NEAREST FOOT)

PERMIT NO. Hd-94-1117

OWNER 50C last name Meadowtree Ct. first name TOWN Cooksville md. SUBDIVISION Riggs Property SECTION LOT 35

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Brown Shale and Gray Micaceous Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY, NO. OF BAGS 12, NO. OF POUNDS 1128.

CASING RECORD: casing types insert appropriate code below. MAIN CASING TYPE ST 6, Nominal diameter 40, Total depth 40.

OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD: screen type or open hole insert appropriate code below. SCREEN 1 HO 38, SCREEN 2 205.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER: 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...

DRILLERS IDENT. NO. 024 DRILLERS SIGNATURE Frank C. Mayne

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) Larry Mayne 024

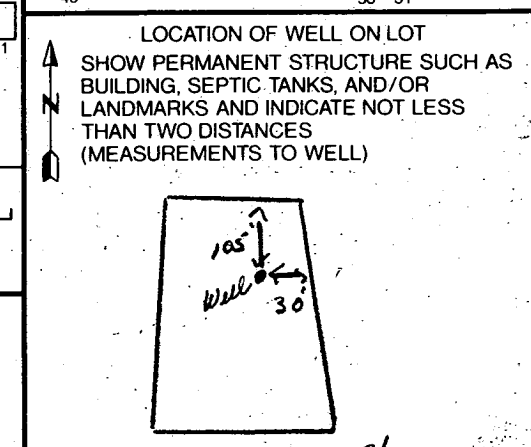
DEPTH (nearest ft.) table with rows for screen depth and slot size. Includes diameter of screen.

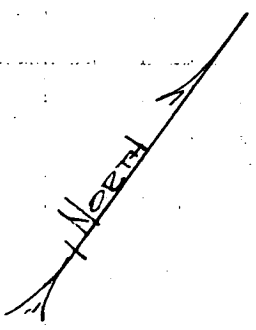
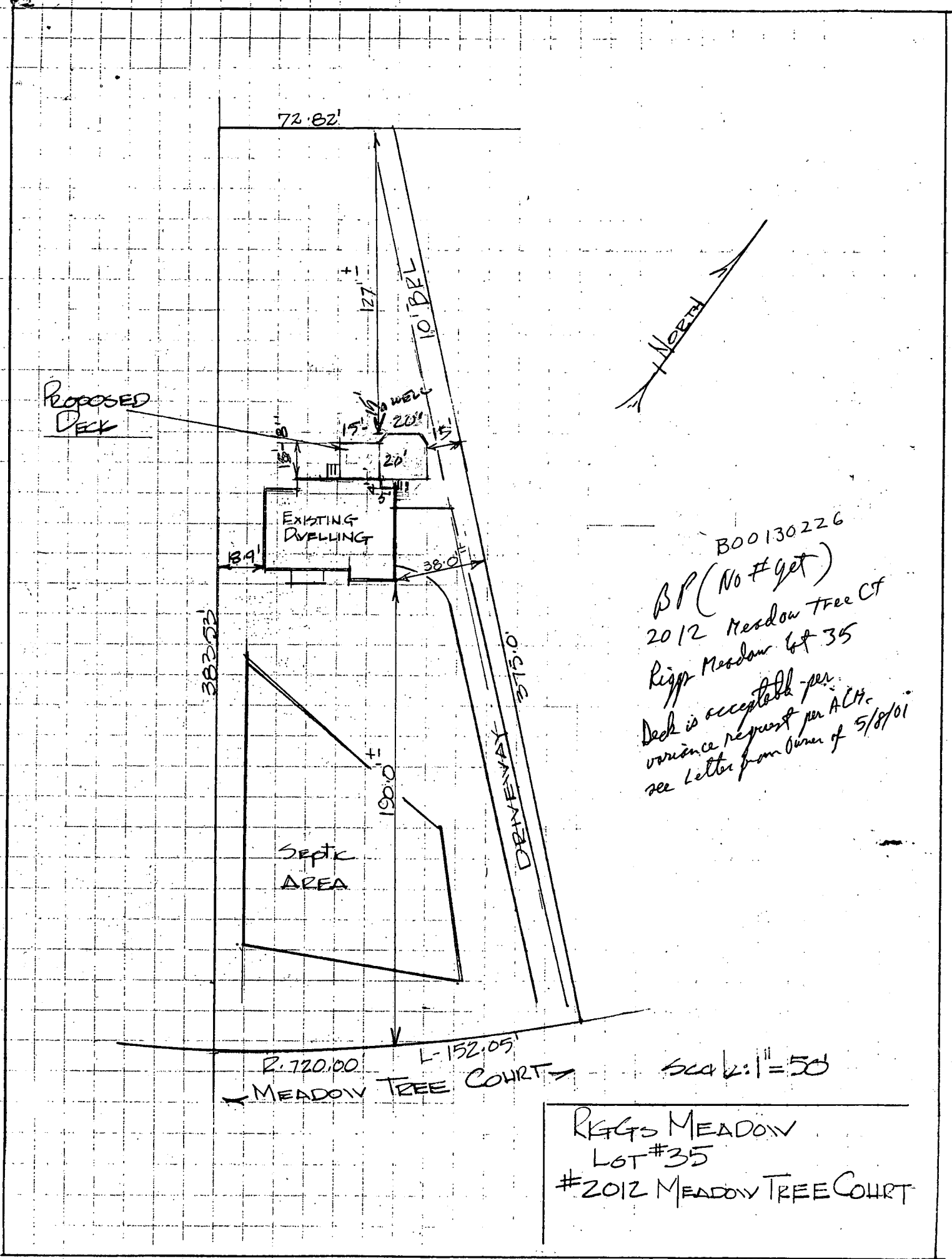
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74-75-76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 20, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 46, WHEN PUMPING 06, TYPE OF PUMP USED S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.





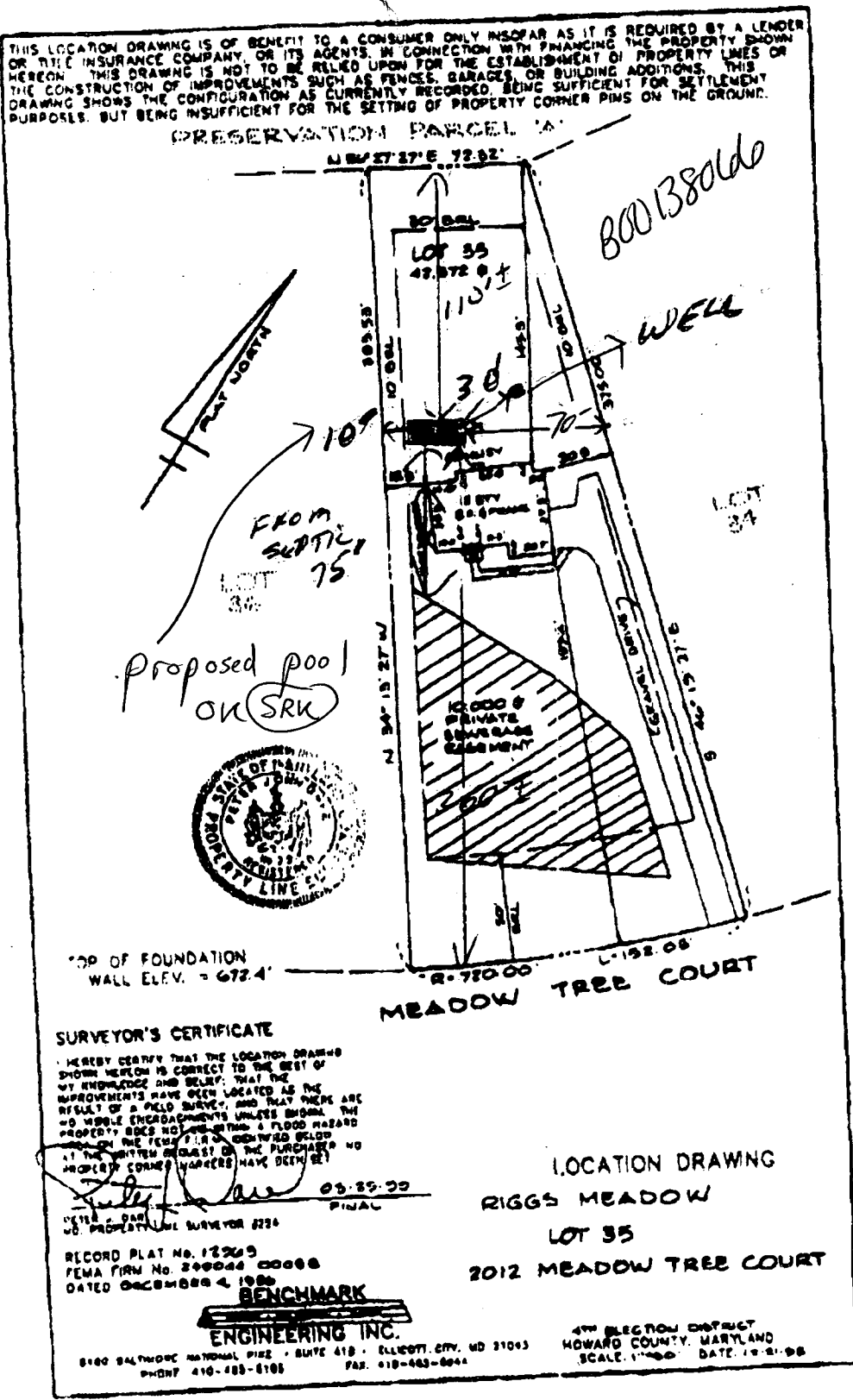
B00130226
 BP (No # get)
 2012 Meadow Tree Ct
 Riggs Meadow lot 35
 Deck is acceptable per
 variance request per ALH.
 see letter from owner of 5/8/01

RIGGS MEADOW
 LOT #35
 #2012 MEADOW TREE COURT

00 001111 1111 00

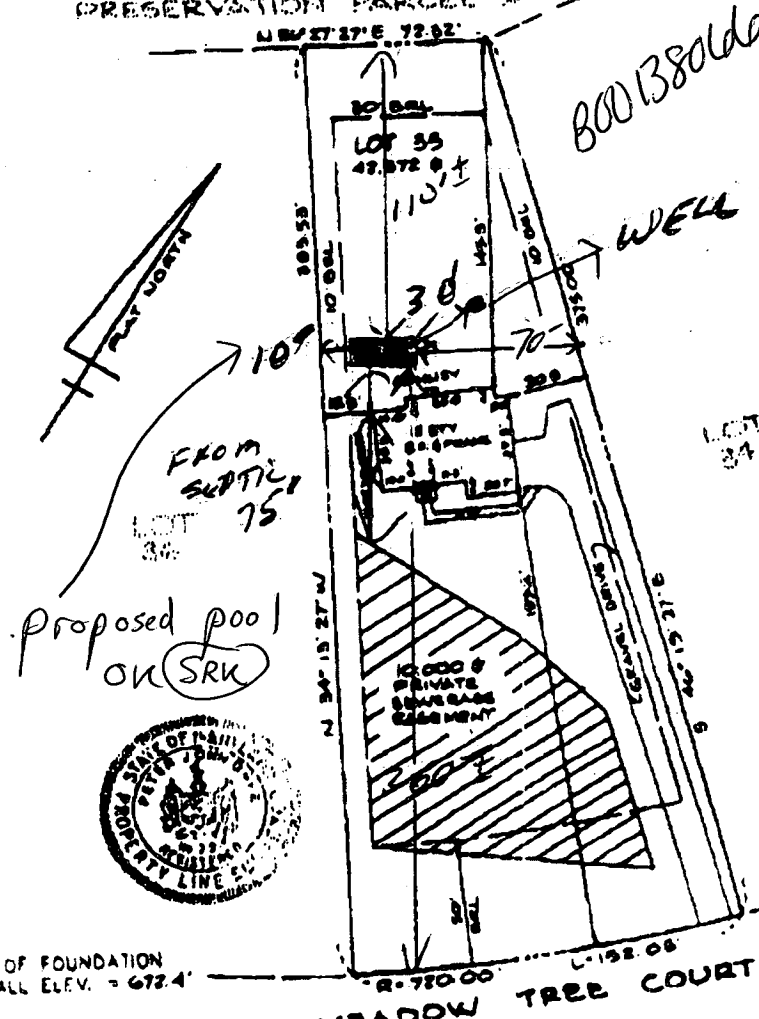
TEL NO: 410-455-144

NO. 4 P82



THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY, OR ITS AGENTS, IN CONNECTION WITH FINANCING THE PROPERTY SHOWN HEREON. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES OR THE CONSTRUCTION OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING SHOWS THE CONFIGURATION AS CURRENTLY RECORDED, BEING SUFFICIENT FOR SETTLEMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.

PRESERVATION PARCEL



SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE IMPROVEMENTS HAVE BEEN LOCATED AS THE RESULT OF A FIELD SURVEY, AND THAT THERE ARE NO TITLE ENCUMBRANCES UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA ON THE FEMA FLOOD CONTROL MAPS. AT THE WRITTEN REQUEST OF THE PURCHASER NO PROPERTY CORNER MARKERS HAVE BEEN SET.

[Signature] 03-29-00
 TITLE, PART OF PROPERTY LINE SURVEYOR 0224

RECORD PLAT No. 12205
 FEMA FIRM No. 200044 00000
 DATED October 4, 1999

BENCHMARK
ENGINEERING INC.

8100 BALTIMORE NATIONAL PIKE - SUITE 410 - ELLEOTT, MD 21043
 PHONE 410-485-8108 FAX 410-485-8044

LOCATION DRAWING
RIGGS MEADOW
LOT 35
2012 MEADOW TREE COURT

4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=60' DATE: 12-01-00