

12/9/97  
c.o. am  
After lunch

A59242

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

#### HOWARD COUNTY HEALTH DEPARTMENT

##### BUREAU OF ENVIRONMENTAL HEALTH

~~XX-88-9933~~ 410-313-2640

# 360206

P 59242

A 50463

DISTRICT 4th

DATE 12-4-97

DATE SYSTEM APPROVED 12/9/97

INSPECTOR *[Signature]*

Hatfield's Equipment IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 13785 Burntwoods Road Glenelg, MD 21737 PHONE (301) 854-6172

SUBDIVISION Riggs Property LOT 5 ROAD 14611 Riggs Meadow Dr  
~~2060 Roxbury Mill Road~~

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 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin the first trench 220 feet down the left lot line and 85 feet off that same lot line as seen when facing the lot from Riggs Meadow Drive. 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. 9/9/97 OK ALM

PLANS APPROVED BY Kim Maiste/Amy McMillen REVISED DATE 09/08/97

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  
BLDG. PERMIT SIGNED  
AND RETURNED 12-18-97  
Serial # 200107210 - deck

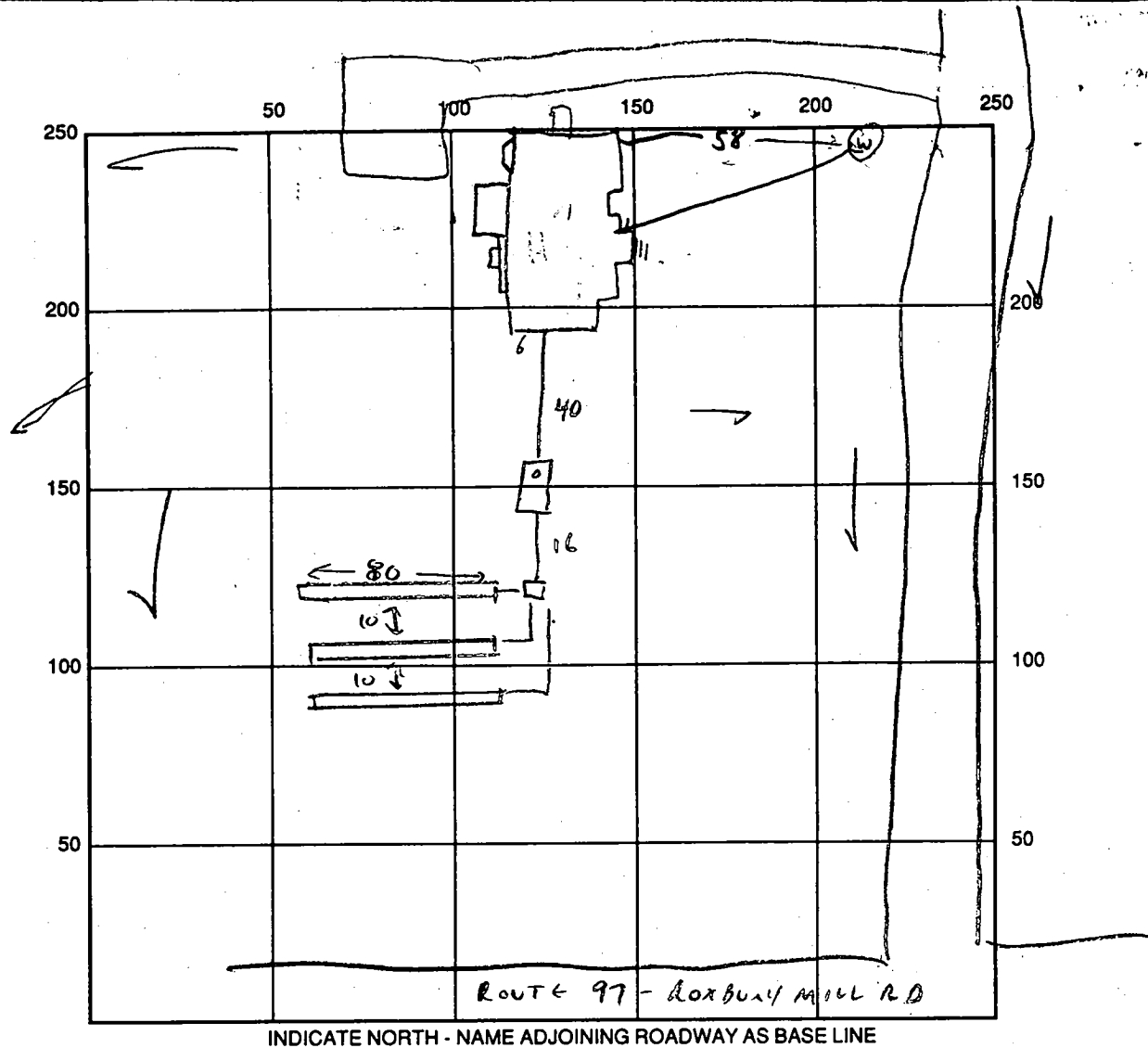
PERMIT VOID AFTER TWO YEARS

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

A59242  
A50463



SEPTIC TANK LEVEL ✓ CLEANOUTS ST ✓

DISTRIBUTION BOX LEVEL ✓

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 @ 80 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 12/8/97 OK TO FINISH MIDDLE TRENCH AND COVER ALL (CW)

12/9/97 WPT OK TO COVER (H094121) [Signature]

DATE SYSTEM APPROVED 12/9/97 INSPECTOR [Signature]

# APPLICATION

PERCOLATION TESTING

A 50463

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 RYAN HOMES

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Biggs Property LOT NO. 45

ROAD AND DESCRIPTION 2060 Roxbury Mill Road

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_

~~BLDG. PREVIOUSLY SIGNED~~

~~AND RETURNED 9-8-97~~

Serial # B00107363

SFD - 4 Bedroom

(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)

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

COUNTY #

SOIL PROFILE  
719

0'  
dark  
red  
silt  
50%  
rock frags

5'  
looks  
like 721  
but  
less  
rock  
25%  
rock

720, 721

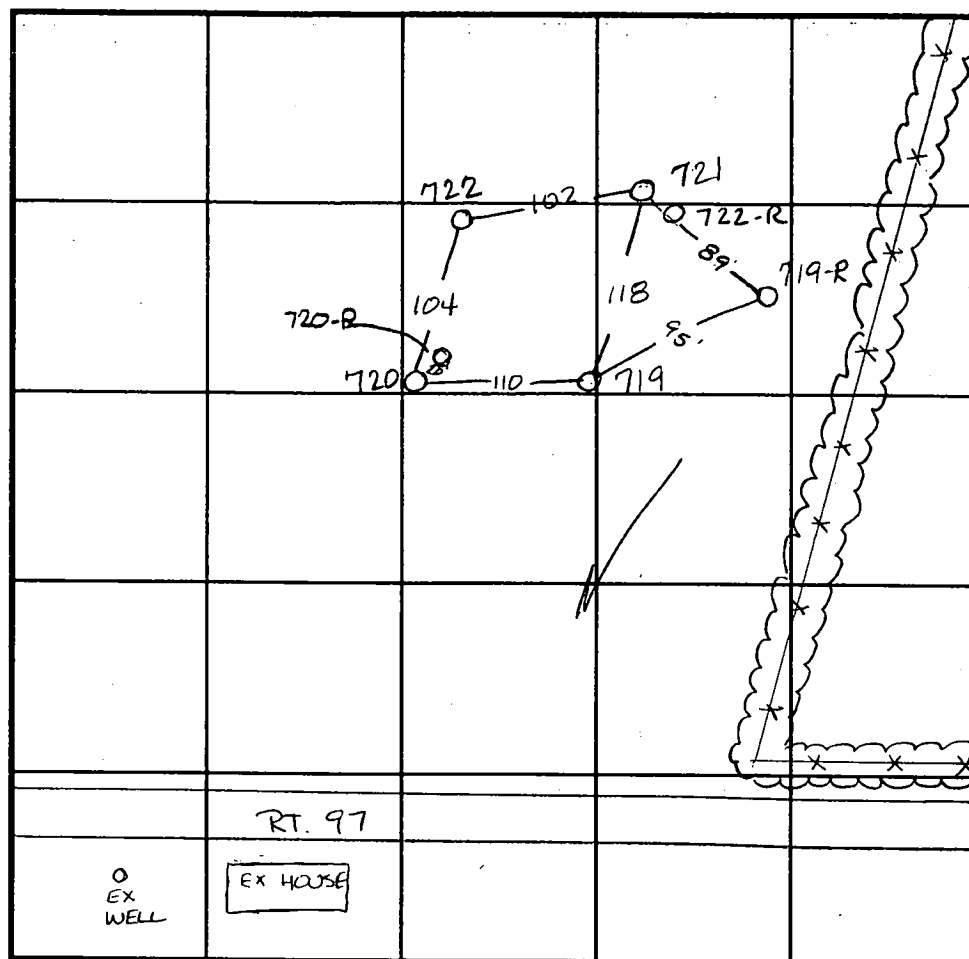
dark  
red  
silt  
20% rock

4.5'  
pink  
matrix  
color  
red &  
yellow  
mottles  
from  
parent  
rock  
50%  
rock

722

dark red  
silt  
gravelly

5'  
pink  
matrix  
color  
salm  
pocket  
of  
rock  
from  
6-7 OK



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
720-R 722-R

0'  
bright  
red  
silt  
30'  
bright  
red  
large  
grained  
salm  
30%  
rock  
frags

719-R

4.0'  
bright  
red silt  
orange  
salm w/  
gray and  
yellow  
mottles  
from parent  
rock  
10% frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-29-95	719	5.5 / 12'	10:35 <sup>30</sup>	10:38 <sup>30</sup>	10:38 <sup>30</sup>	10:47	9min
	720	Visual	to 11.0 - sec		profile		F
	721	Visual	to 11.5 - sec		profile		F
	722	Visual	to 12.0		see profile		OK
2-6-96	720-R	Visual	to 12.0 - sec		profile		OK
	719-R	Visual	to 12.0 - sec		profile		OK
	722-R	Visual	to 12.5 - sec		profile (only 20% rock content)		OK

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Clark Sperry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

# APPLICATION

PERCOLATION TESTING

A 50463

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Riggs LOT NO. 5

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT) \_\_\_\_\_

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

COUNTY #

SOIL PROFILE

0' 721  
dark red  
Si Salm  
20% rock  
pink  
matrix w/  
yellow:  
red  
mottles  
from  
parent  
rock  
>50%  
rock

12'

722

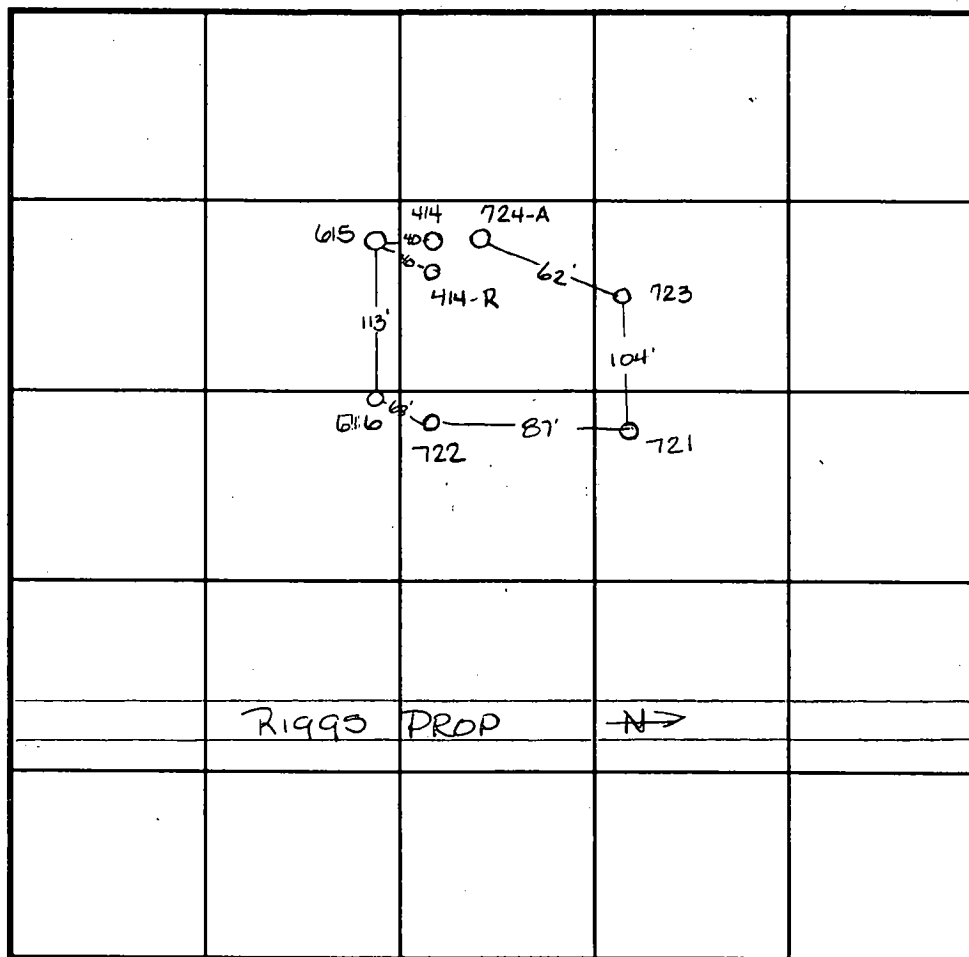
5' dark red  
Si Salm  
pink  
matrix  
color  
Salm  
pocket  
of 30%  
rock  
from  
6-7'  
OK

12'

724-A

4' dark red  
Si Salm  
pockets  
of 40%  
rock  
surrounded  
by  
orange  
Salm  
10' 15%  
rock w/  
orange  
brn  
Sand

12'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 723  
dark  
red  
Si Salm  
5' pink matrix  
color w/  
cream  
mottles  
from  
parent  
rock  
not  
H<sub>2</sub>O  
related  
12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-29-95	721	Visual	to 11.5	- see profile	—		F
	722	Visual	to 12.0	- see profile	—		OK
	724-A	Visual	to 12.0	- see profile	—		OK
	723	Visual	to 12.0	- see profile	—		OK
2-6-96	414-R	Visual	to 10.0	- >50% rock below 5.0'			F
	721-R	Visual	to 11.5	- >50% rock below 5.5'			F

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillenALSO PRESENT Clark Sperry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_

MAXIMUM BOTTOM DEPTH \_\_\_\_\_

SQ. FT./BEDROOM \_\_\_\_\_

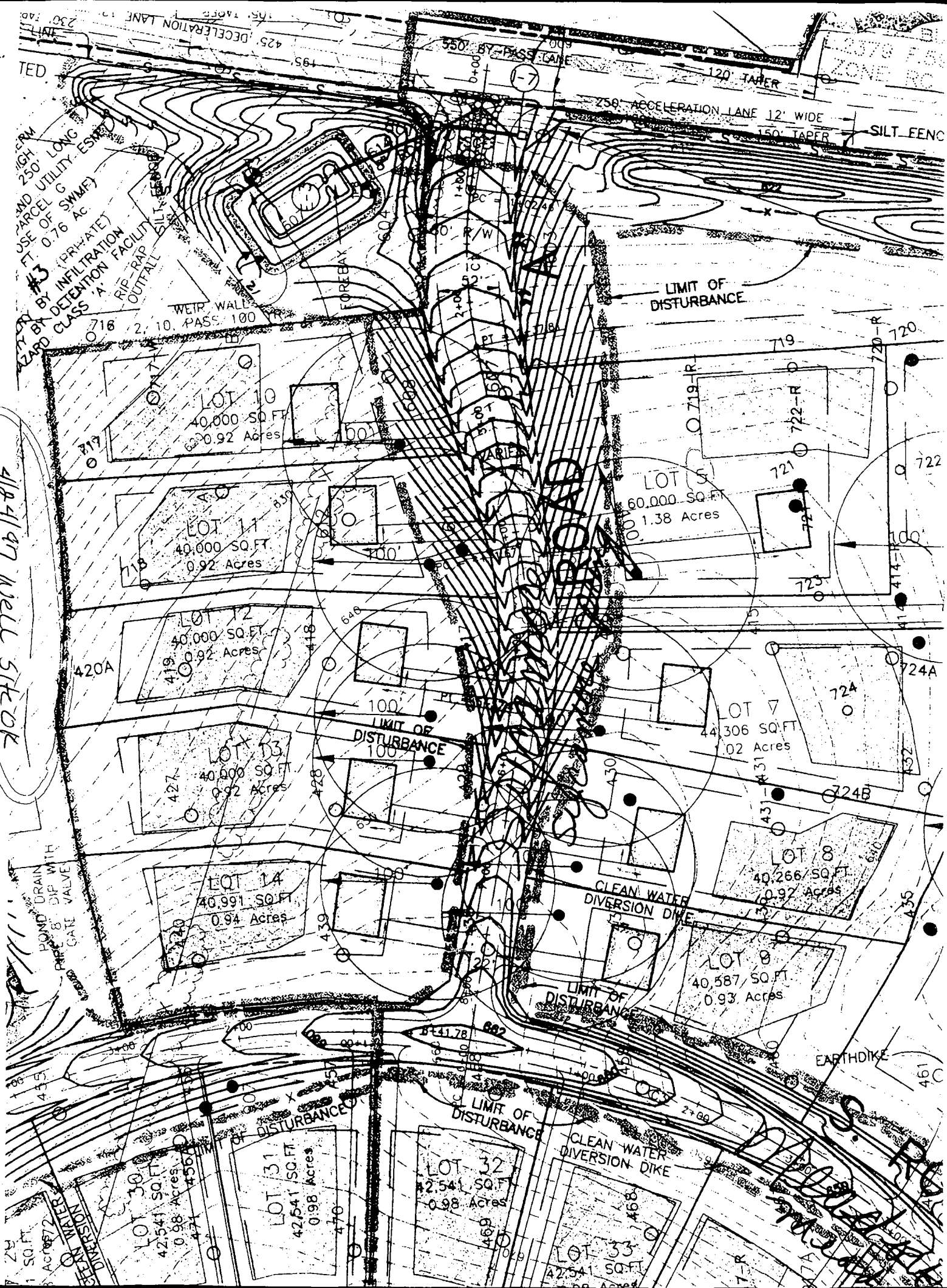
<b>C 1</b>		<b>9748</b>		SEQUENCE NO. (MDE USE ONLY)		<b>STATE OF MARYLAND WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.		
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN C.O.S. 3-6 ON ALL CARDS)								COUNTY NUMBER		
ST/CO-USE ONLY DATE Received MM DD YY 8 13		DATE WELL COMPLETED MM DD YY 7 9 97		Depth of Well 22 440 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" HO - 94 - 1121 28 29 30 31 32 33 34 35 36 37				
OWNER <u>SOC</u> STREET OR RFD <u>SYCAMORE SPRING RD</u> TOWN <u>COOKSVILLE</u> SUBDIVISION <u>RIGGS PROPERTY</u> SECTION <u>    </u> LOT <u>5</u>										
<b>WELL LOG</b> Not required for driven wells			<b>GROUTING RECORD</b>			<b>C 3</b>				
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING			WELL HAS BEEN GROUTED (Circle Appropriate Box) <b>Y</b> <b>N</b>			PUMPING TEST				
DESCRIPTION (Use additional sheets if needed)			TYPE OF GROUTING MATERIAL (Circle one) CEMENT <b>CM</b> BENTONITE CLAY <b>BC</b>			HOURS PUMPED (nearest hour) <u>3</u>				
FEET FROM TO			NO. OF BAGS <u>7</u> NO. OF POUNDS <u>658</u>			PUMPING RATE (gal. per min.) <u>5.5</u>				
check if water bearing			GALLONS OF WATER <u>42</u>			METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u>				
Brown shale 0 22			DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 24 ft. (enter 0 if from surface)			WATER LEVEL (distance from land surface)				
Gray mica Rock 22 440			Casing types insert appropriate code below			BEFORE PUMPING <u>58</u> ft.				
			Casing RECORD			WHEN PUMPING <u>265</u> ft.				
			MAIN CASING TYPE <u>ST</u> Nominal diameter top (main) casing (nearest inch) <u>6</u> Total depth of main casing (nearest foot) <u>27</u>			TYPE OF PUMP USED (for test)				
			OTHER CASING (if used) diameter inch depth (feet) from to			<b>A</b> air <b>P</b> piston <b>T</b> turbine				
			screen type or open hole			<b>C</b> centrifugal <b>R</b> rotary <b>O</b> other (describe below)				
			SCREEN RECORD			<b>J</b> jet <b>S</b> submersible				
			DEPTH (nearest ft.)			PUMP INSTALLED				
			<b>C 2</b> <u>HO</u> <u>25</u> <u>440</u>			DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) <b>NO</b>				
						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 <u>29</u>				
						CAPACITY: GALLONS PER MINUTE (to nearest gallon) <u>31</u> <u>35</u>				
						PUMP HORSE POWER <u>37</u> <u>41</u>				
						PUMP COLUMN LENGTH (nearest ft.) <u>43</u> <u>47</u>				
						CASING HEIGHT (circle appropriate box and enter casing height)				
						<b>+</b> above <u>49</u> LAND SURFACE				
						<b>-</b> below <u>2</u> (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)				
						See Attached Well locations				
NUMBER OF UNSUCCESSFUL WELLS: <u>2</u>										
WELL HYDROFRACTURED <b>Y</b> <b>N</b>										
CIRCLE APPROPRIATE LETTER <b>A</b> A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED <b>E</b> ELECTRIC LOG OBTAINED <b>P</b> 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. <u>MS D024</u> <u>Joseph L. Mayne</u> DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)										
LIC. NO. <u>M D</u>										
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 68 <u>68</u>							
			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							





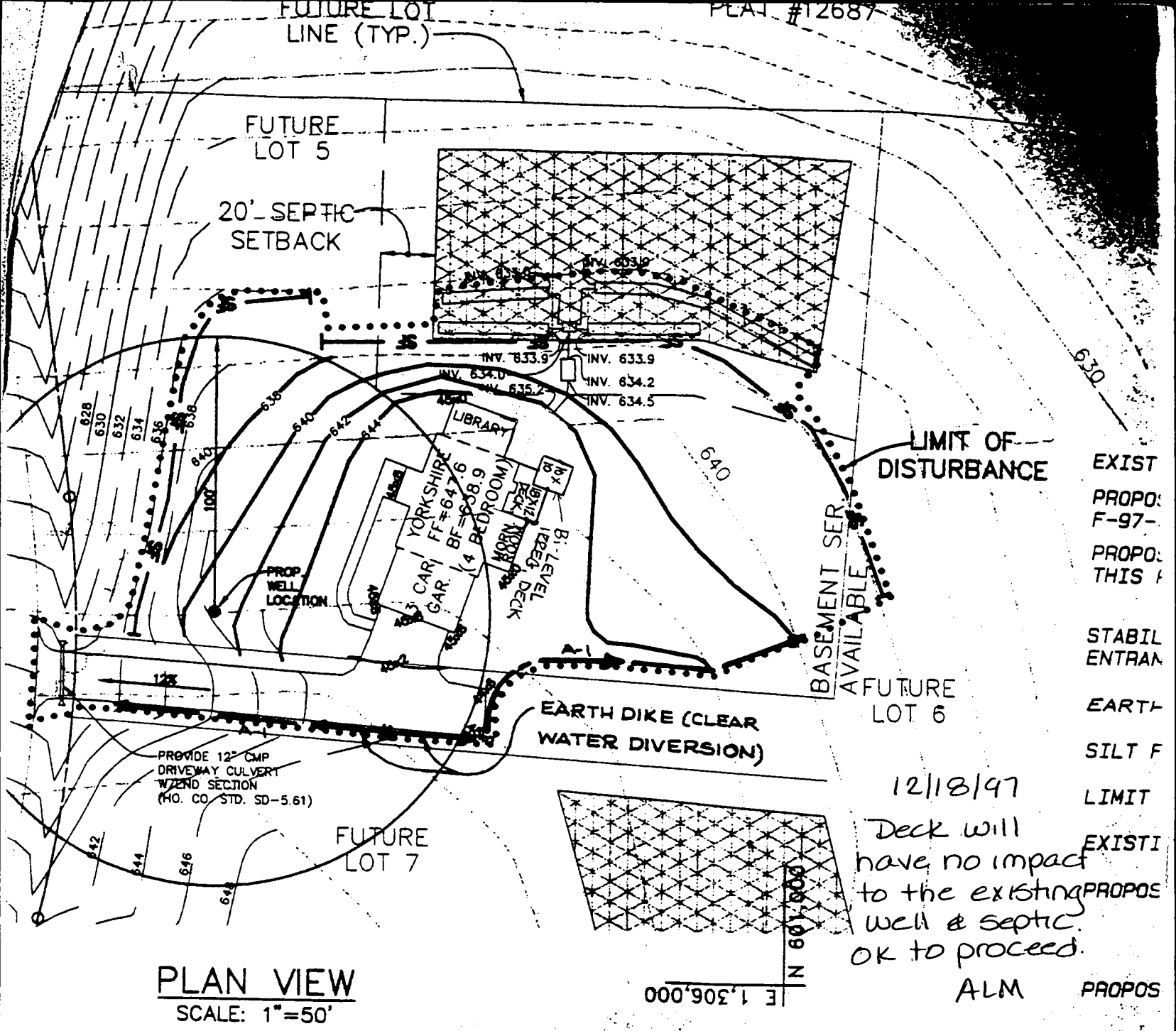
B 1	7438	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">H0-94-1121</div> <small>fill in this form completely</small>
<small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>				
<b>OWNER INFORMATION</b> Date Received (APA) <div style="border: 1px solid black; padding: 2px;">033197</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">SDC</div> <small>15 Last Name      Owner      First Name</small> <div style="border: 1px solid black; padding: 2px; display: inline-block;">DO BOX 417</div> <small>38 Street or RFD</small> <div style="border: 1px solid black; padding: 2px; display: inline-block;">ELLICOTT CITY MD 21041</div> <small>57 Town      70 State 72      Zip 76</small>			<b>LOCATION OF WELL</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;">HOWARD</div> <small>8 COUNTY</small> <div style="border: 1px solid black; padding: 2px; display: inline-block;">RIGGS PROPERTY</div> <small>23 SUBDIVISION</small> SECTION <div style="border: 1px solid black; padding: 2px; display: inline-block;">44</div> LOT <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">COOKSVILLE</div> <small>52 NEAREST TOWN</small> MILES FROM TOWN (enter 0 if in town) <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> MI <small>73      76      77      78</small>	
<b>DRILLER INFORMATION</b> Driller's Name <u>Joseph R. Mayne</u> Firm Name <u>Joseph R. Mayne Well Drilling</u> Address <u>5512 Ridge Rd. Mt. Airy Md. 21771</u> Signature <u>Joseph R. Mayne</u> Date <u>3/31/97</u> <small>CIRCLE: MSD/MGD/MWD      77 License No. 80 <div style="border: 1px solid black; padding: 2px; display: inline-block;">024</div></small>			<b>SYCAMORE SPRING RD.</b> <small>11      30</small> NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <small>34</small>  <div style="border: 1px solid black; padding: 2px; display: inline-block;">GS</div>  <small>37</small> </div> <div style="text-align: center;"> <small>38</small>  <div style="border: 1px solid black; padding: 2px; display: inline-block;">F+</div>  <small>39</small> </div> </div> DISTANCE FROM ROAD ENTER FT OR MI	
<b>WELL INFORMATION</b> APPROX. PUMPING RATE (GAL. PER MIN.) <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <div style="border: 1px solid black; padding: 2px; display: inline-block;">500</div> <small>14      20</small>			<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> <u>Howard Co.</u> <u>13</u> <small>COUNTY NAME      COUNTY NO.</small> STATE SIGNATURE _____ DATE ISSUED <u>042497</u> <small>43      48 CO SIGNATURE      EXP. DATE</small> NORTH GRID <div style="border: 1px solid black; padding: 2px; display: inline-block;">540000</div> EAST GRID <div style="border: 1px solid black; padding: 2px; display: inline-block;">792000</div> <small>50      55      57      63</small>	
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)			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 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; display: inline-block;">7902</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">53040</div> </div>	
APPROXIMATE DEPTH OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block;">200</div> FEET <small>24      28</small> APPROXIMATE DIAMETER OF WELL <u>6</u> INCH <small>NEAREST INCH</small>			7/9/97 9:30 GROUT 7-9-97 missed insp. (KM)	
<b>METHOD OF DRILLING (circle one)</b> BORED (or Augered)      JETTED      Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY      AIR-PERCussion      ROTARY (Hydraulic Rotary) CABLE      REVERSE-ROTARY      Drive-POINT other _____			DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <div style="border: 1px solid black; padding: 2px; display: inline-block;">41</div>				
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">54</div> GAP <div style="border: 1px solid black; padding: 2px; display: inline-block;">63</div> FORCE <u>AM</u> WRITE INITIALS IN BOX PERMIT NO. <u>H0-94-1121</u> <small>67      68      70      71      72      73      74      75      76      77      78      79</small>				
<b>SPECIAL CONDITIONS</b> <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -</small>				

4/8/97 well site OK  
No inspection made AL



FUTURE LOT  
LINE (TYP.)

PLAN #12687



**PLAN VIEW**  
SCALE: 1"=50'

EXIST  
PROPOS  
F-97-  
PROPOS  
THIS  
  
STABIL  
ENTRAN  
  
EARTH  
SILT F  
  
LIMIT  
EXISTI  
PROPOS  
  
12/18/97  
Deck will  
have no impact  
to the existing  
well & septic.  
OK to proceed.  
  
ALM PROPOS

Permit # B00107363  
  
Address  
2600 Rocking Horse  
Cocksville, MD  
21033

NO	DATE	REVISION

**TSA GROUP, INC.**  
planning architecture engineering survey  
2000 Baltimore Avenue, Suite 200, Annapolis, Maryland 21403  
TEL: 410-293-1100 FAX: 410-293-1101

VELOPER:  
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO  
AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION  
WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE  
APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND  
BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC  
INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

RO

18" RCP

APPROX. LOCATION OF EX. WELL

SILT FENCE

LIMIT OF DISTURBANCE

VEHICULAR IN ALONG ROXB

LOT 5  
60,000 SQ. FT.  
1.38 Acres

LOT 6  
68,379 SQ. FT.  
1.57 Acres

LOT 7  
44,306 SQ. FT.  
1.02 Acres

CLEAN WATER DIVERSION DIKE

LIMIT OF DISTURBANCE

CLEAN WATER DIVERSION DIKE

EARTHDIKE

MEADOW

Approved  
P-96-20

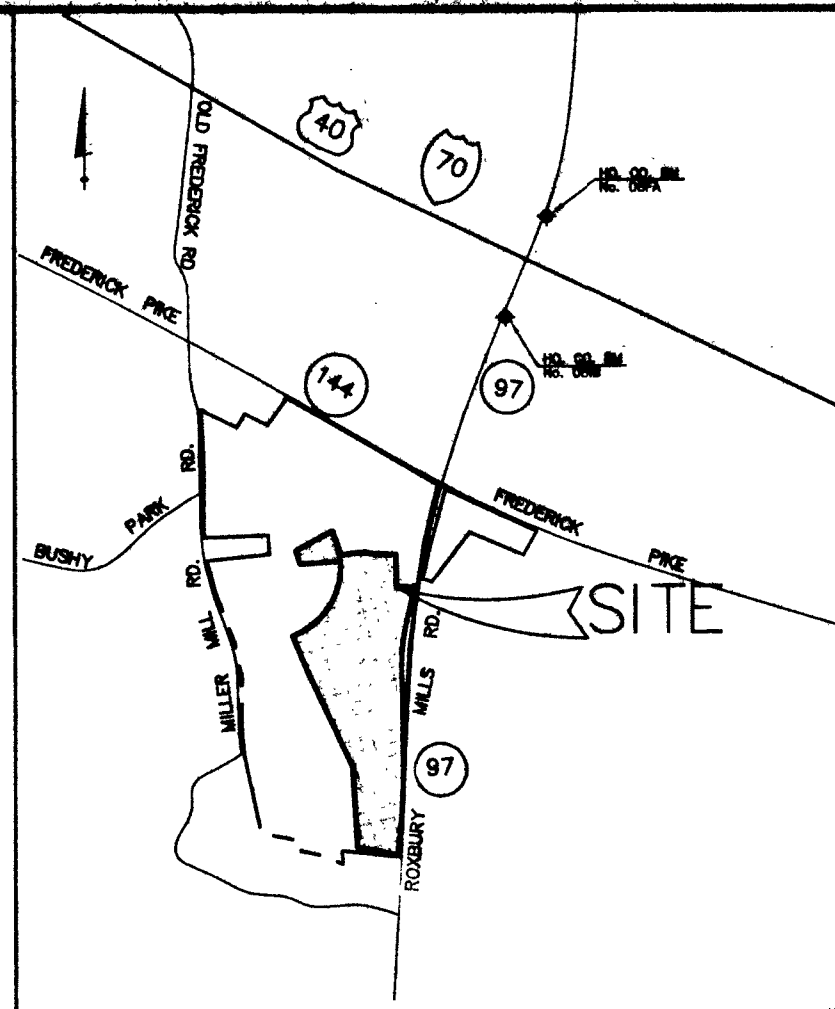
(SEDIMENT TRA  
SWMF #2 (F  
WATER QUALITY BY INFIL  
WATER QUANTITY BY DETENTIC  
HAZARD CLASS 'A'

LIMIT OF DISTURBANCE  
SWM ACCESS, C  
NON-BUILD  
920 (FOR  
44

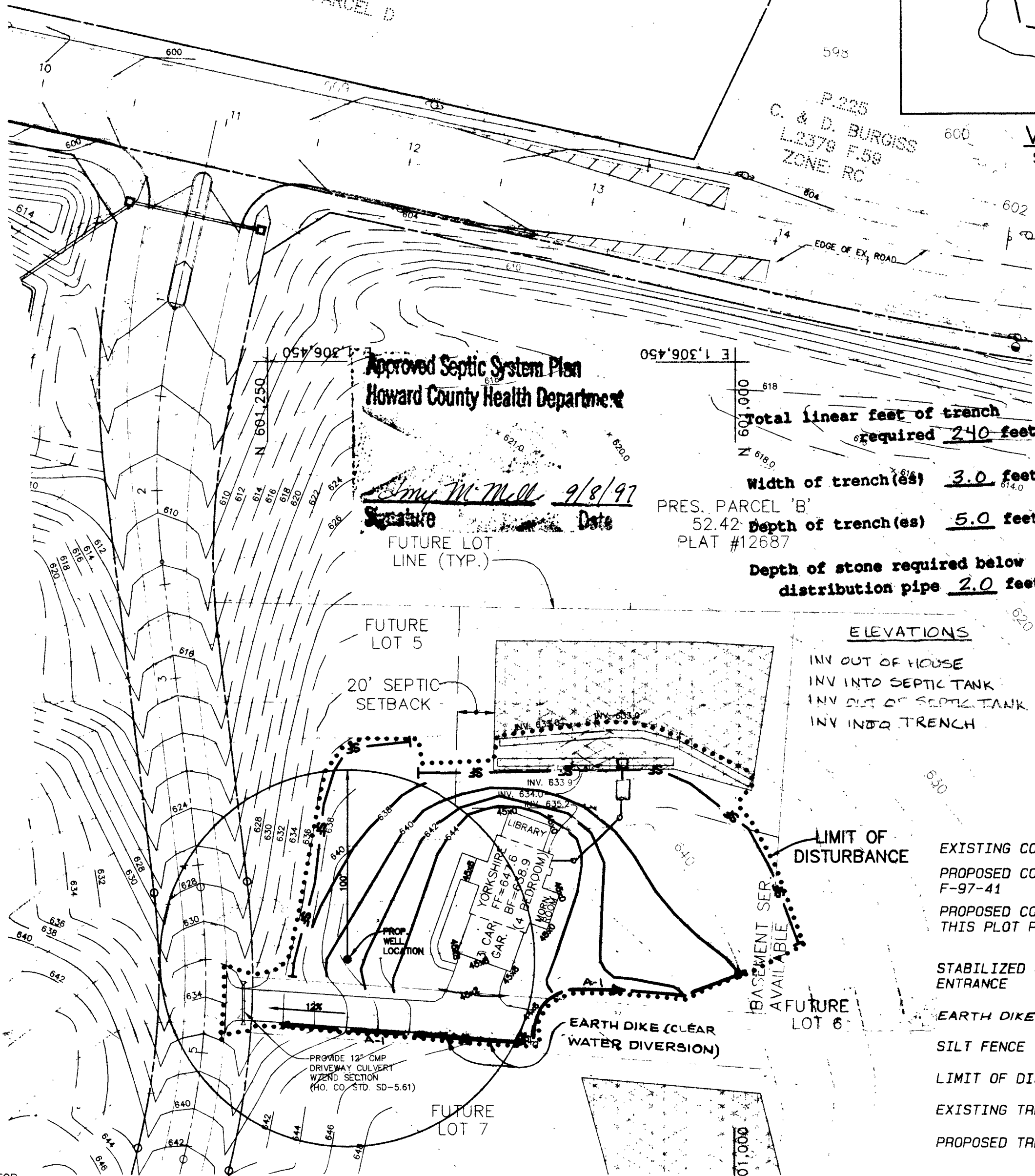
WEIR WALL

588  
590  
592  
594  
Y MILLS ROAD -- MD. RTE. 97  
(80' ULTIMATE R/W MINOR ARTERIAL ROAD)

RIGGS MEADOW  
PRESERVATION PARCEL D



VICINITY MAP  
SCALE: 1" = 2000'



PLAN VIEW  
SCALE: 1"=50'

Approved Septic System Plan  
Howard County Health Department  
*Signature* *9/8/97*  
Date  
FUTURE LOT LINE (TYP.)  
PRES. PARCEL 'B'  
52.42 AC  
PLAT #12687  
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

ELEVATIONS

INV OUT OF HOUSE 636.2  
INV INTO SEPTIC TANK 635.0  
INV OUT OF SEPTIC TANK 634.7  
INV INTO TRENCH 634.5

LEGEND

- EXISTING CONTOUR 640  
PROPOSED CONTOUR UNDER F-97-41 640  
PROPOSED CONTOUR UNDER THIS PLOT PLAN 640  
STABILIZED CONSTRUCTION ENTRANCE  
EARTH DIKE  
SILT FENCE  
LIMIT OF DISTURBED AREA  
EXISTING TREE LINE  
PROPOSED TREE LINE  
PROPOSED SEPTIC AREA

NO	DATE	REVISION

TSA GROUP, INC.  
planning • architecture • engineering • surveying  
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-8106

BY THE DEVELOPER:  
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

DEVELOPER: \_\_\_\_\_ DATE: \_\_\_\_\_

BY THE ENGINEER:  
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

ENGINEER: *John M. M. M.* *9/8/97*  
DATE: *9/8/97*

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

U.S. SOIL CONSERVATION SERVICE *8/4/97*  
DATE: *8/4/97*

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*John M. M. M.* *8/4/97*  
DATE: *8/4/97*

DEVELOPER:  
C/O COOKVILLE LIMITED PARTNERSHIP  
P.O. BOX 417  
ELLCOTT CITY, MARYLAND 21041  
(410) 465-4244

BUILDER:  
RYAN HOMES  
11460 CRONBRIDGE DRIVE, SUITE 128  
OWINGS MILLS, MARYLAND 21117  
(410) 654-0501

DESIGN: GWF DRAFT: EGG

PROJECT:  
**RIGGS MEADOW**  
FUTURE LOT 5  
(S-95-11, S-95-15, P-96-20, WP-96-82, F-97-41)

LOCATION:  
TAX MAPS 8 & 14, PARCEL 96  
4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE:  
**PLOT PLAN**

DATE: JULY 1997  
AUGUST 4, 1997

PROJECT NO. 1055

SCALE: AS SHOWN

DRAWING 1 OF 1