

LAYOUT 8/21/03 - 11:30 INSP 4 10/21/03 1pm
INSP 2 8/25 INSP 5 11/17/03 - 2PM
INSP 3 8/26/03 2pm INSP 6 _____
ISSUE DATE: 8/11/03

APPROVAL DATE: 11/17/03

P 519082

A 56600-A

PERMIT

INDEXED

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

NO Records Found

Fogles Septic Clean, Inc

IS PERMITTED TO

INSTALL ☒ ALTER ☐

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: High Forest Estates LOT NUMBER: 51 (Par A)

ADDRESS: 15125 Sapling Ridge Drive PROPERTY OWNER: Big Branch Overlook, LLC

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED ☒

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED ☒
WITH MANHOLE ACCESS

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved site plan. Run trenches on contour.
NOTES:	Gravity basement service proposed.

PLANS APPROVED: Steven R. Krieg OK SRK 8/11/03 DATE: 4/9/03

NOTES: PERMIT VOID AFTER 2 YEARS

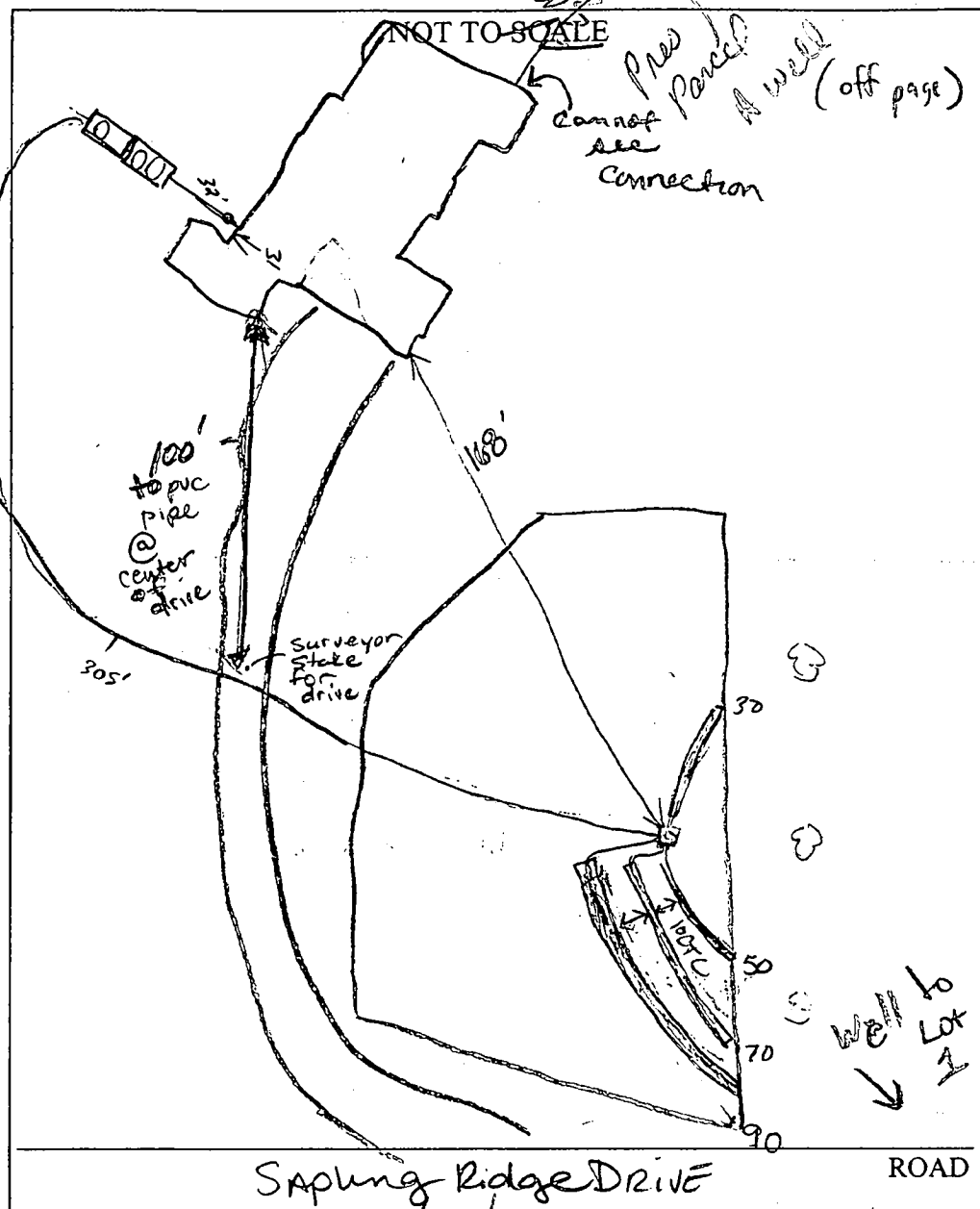
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED

ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

56600-A



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'	4'
NUMBER OF TRENCHES		
4		
TOTAL LENGTH		
240'		
ABSORPTION AREA		
960'		
DISTRIBUTION BOX LEVEL		
✓		
DISTRIBUTION BOX BAFFLE		
✓		
DISTRIBUTION BOX PORT		
✓		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		
✓		
CAPACITY	1500	GAL
SEAM LOC	Top	
TANK LID DEPTH		
BAFFLES	✓	
BAFFLE FILTER	✓	
MANHOLE LOC	Front & Rear	
6" PORT LOC	NA	
WATERTIGHT TEST	NA	
SEPTIC TANK 2 LEVEL		
✓		
CAPACITY	1500	GAL
SEAM LOC	Top	
TANK LID DEPTH		
BAFFLES	Inlet	
BAFFLE FILTER	NA	
MANHOLE LOC	Rear	
6" PORT LOC	NA	
WATERTIGHT TEST	NA	

PRE-CONSTRUCTION

8/21/03 - SRA stated, boundaries accurate. Install 50'/75'/65' trenches on one side, 30' on other (SO) 8/25/03 No work (SO)

INSTALLATION

8/28/03 No work done; temporary structure in easement. Might start work in approx 1 week. Site is staked (KN/KB) 9/2/03 WPE not complete - Need to see house connection (KN/KB)

10/21-305' of pipe 2" pvc total from S.T. to d. box. Will place port on d. box & sleeve septic pipe under driveway. OK to cover all TRENCHES. Well line conn. @ house not visible. Check d. box next insp. when trenches are connected to it. (KN) 11/17/03 Pump & Alarm OK (SO)

FINAL INSPECTOR

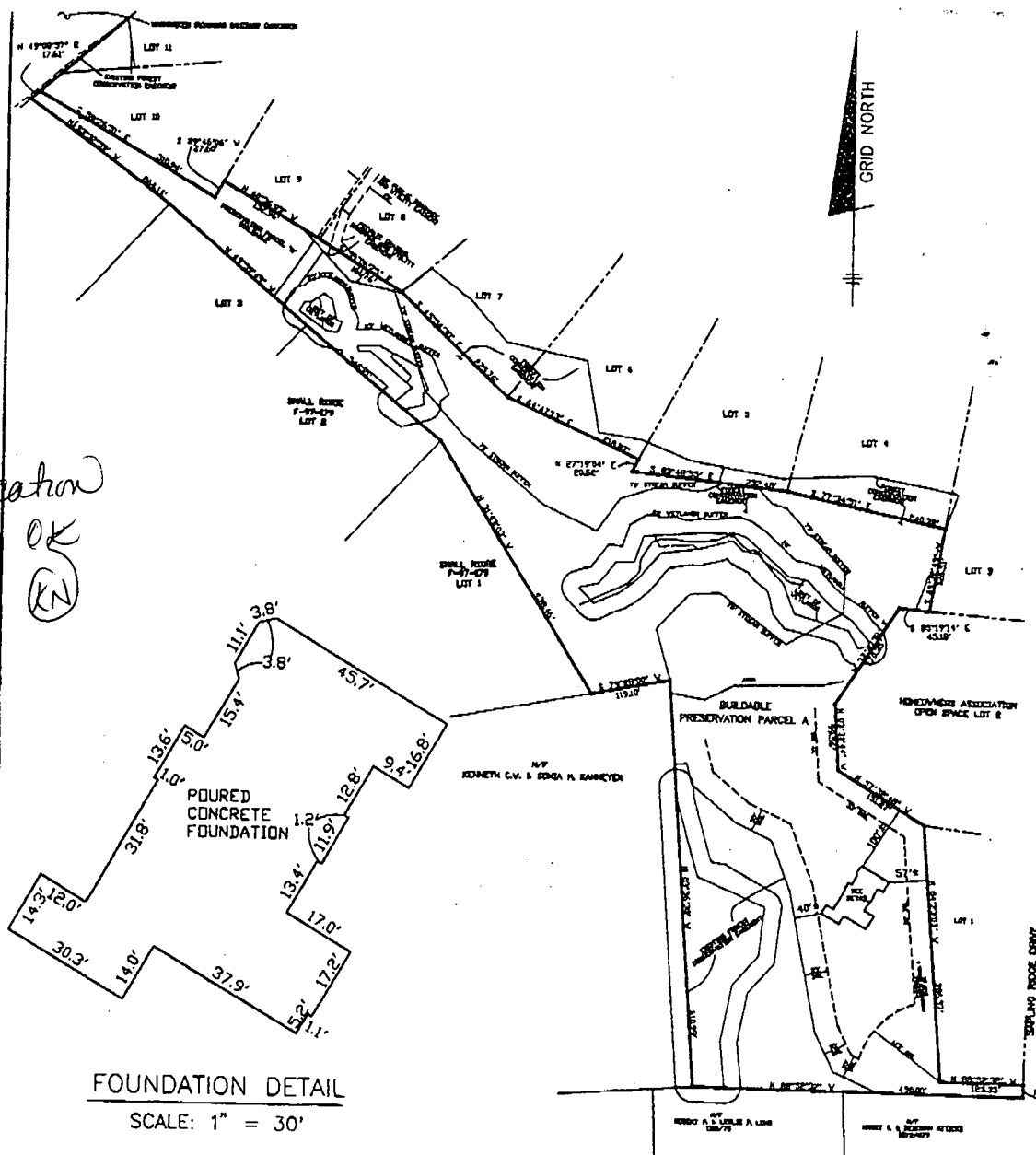
DATE OF APPROVAL

11/17/03

8-11-03

House location

OK
(KN)



FOUNDATION DETAIL

SCALE: 1" = 30'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 05/07/03; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCH GROUP, P.C., INC. ENTITLED "HIGH FOREST ESTATES LOTS 1 THROUGH 50 BUILDABLE PRESERVATION PARCEL A NON-BUILDABLE PRESERVATION PARCEL B" AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT NO. 13959 & 13960

David M. Harris
DAVID M. HARRIS

REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 13959 & 13960
FEMA FIRM No. 240044 0025 B
ZONE: C
DATED: 12/04/86

BENCHMARK

ENGINEERING, INC.

6040 BOWLING GREEN, P.O. BOX 618
ELLSWORTH CITY, MARYLAND 21043
PHONE 410-465-4100 FAX 410-465-4544
EMAIL BENCHMARK@BELL.COM

TOP OF FOUNDATION WALL ELEVATION = 469.0'
DIMENSIONS TO PROPERTY LINES ARE ± 4'



WALL CHECK

HIGH FOREST ESTATES
LOTS 1 THROUGH 50
BUILDABLE PRESERVATION PARCEL A
NON-BUILDABLE PRESERVATION PARCEL B
PRESERVATION PARCEL A

15125 SAPLING RIDGE DRIVE

5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 200' DATE: 05/07/03

SEDIMENT CONTROL NOTES

TOPSOIL SPECIFICATIONS

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION. (215-1850).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN A 7 CALENDAR DAY PERIOD. ALL PERMITTED SEDIMENT CONTROL STRUCTURES, DICES, PERMITTER SLOPES AND ALL SLOPES GREATER THAN 3:1, 8) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PERMANENT SEEDING (SEC. 52) SOO (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN REDISTURBED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

TOTAL AREA OF SITE	10.67 ACRES
AREA DISTURBED	0.78 ACRES
AREA TO BE ROOFED OR PAVED	0.25 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.53 ACRES
TOTAL CUT	614 CY
TOTAL FILL	1434 CY
OFFSITE BORROW LOCATION	SITE WITH APPROVED SED. CONTROL PLAN
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMITTER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

TEMPORARY SEEDBED PREPARATIONS

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).

SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF WINTER LOVEGRASS (4.7 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDBED PREPARATIONS

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

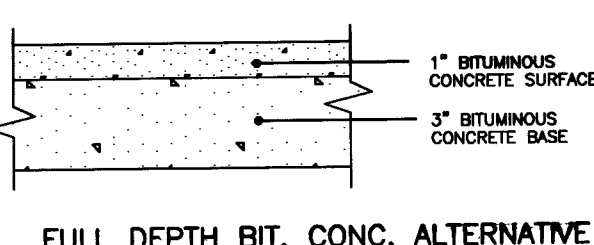
SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 LBS/1000 SQ FT).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 90 LBS PER ACRE (14 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.5 LBS/1000 SQ FT) OF WINTER LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE WITH MULCH. PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDBED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.



P-1 PAVING DETAIL
NOT TO SCALE

SEQUENCE OF CONSTRUCTION

NOTIFY SEDIMENT CONTROL DIVISION 48 HOURS PRIOR TO START OF CONSTRUCTION

- | | |
|-----------|---|
| DAY 1 | OBTAIN A GRADING PERMIT |
| DAY 2-3 | INSTALL SILT FENCE, SUPER SILT FENCE, AND STABILIZED CONSTRUCTION ENTRANCES. |
| DAY 4 | CLEAR AND GRUB |
| DAY 5-9 | EXCAVATE FOR FOUNDATION ROUGH GRADE AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDBED NOTES. |
| DAY 10-55 | CONSTRUCT HOUSE, BACKFILL AND CONSTRUCT DRIVEWAY |
| DAY 66-80 | FINAL GRADE AND STABILIZE IN ACCORDANCE WITH THE PERMANENT SEEDBED NOTES. |
| DAY 81-85 | UPON APPROVAL OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE REMAINING DISTURBED AREAS. |

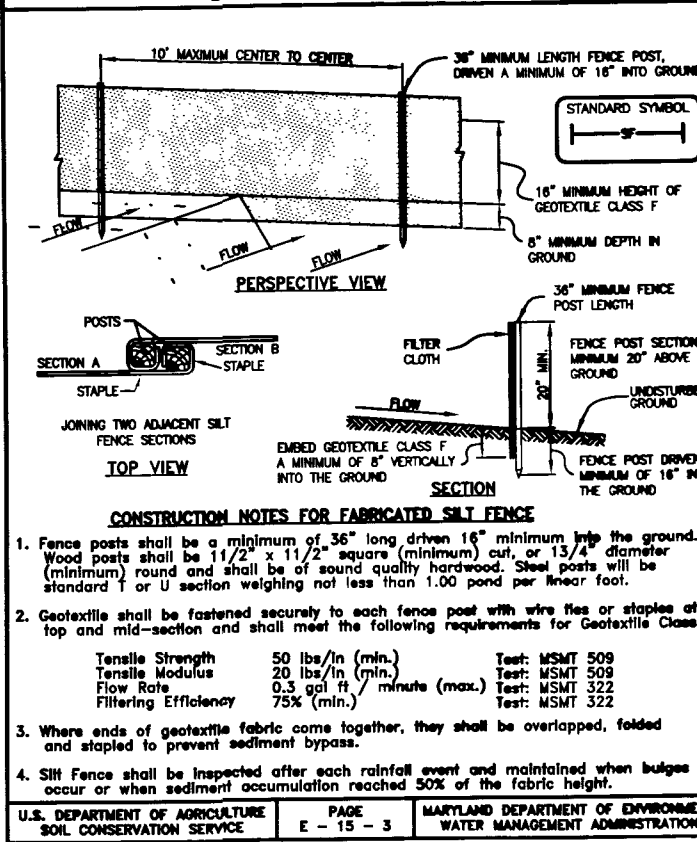
CONSTRUCTION SPECIFICATIONS

- KEY IN THE MATTING BY PLACING THE TOP ENDS OF THE MATTING IN A NARROW TRENCH 4" IN DEPTH. BACKFILL THE TRENCH AND TAMP FINELY TO COMPRESS THE CHANNEL CROSS-SECTION. SECURE WITH A ROW OF STAPLES ABOUT 4" DOWN SLOPE FROM THE TRENCH. SPACING BETWEEN STAPLES IS 12".
 - STAPLE THE 4" OVERLAP IN THE CHANNEL CENTER USING AN 18" SPACING BETWEEN STAPLES.
 - BEFORE STAPLING THE OUTER EDGES OF THE MATTING, MAKE SURE THE MATTING IS SMOOTH AND IN FIRM CONTACT WITH THE SOIL.
 - STAPLES SHALL BE PLACED 2' APART WITH A ROW FOR EACH STRIP. 2 OUTER ROWS AND 2 INTERMEDIATE ROWS DOWN THE CENTER.
 - WHERE ONE ROLL OF MATTING ENDS AND ANOTHER BEGINS, THE END OF THE TOP STRIP SHALL OVERLAP THE UPPER END OF THE LOWER STRIP BY 4". STAPLE AND REINFORCE THE OVERLAP WITH A DOUBLE ROW OF STAPLES SPACED 8' APART IN A CHANGING PATTERN ON EITHER SIDE.
 - THE DISBURSEMENT OF THE MATTING LINER SHOULD BE SIMILARLY SECURED WITH WITH 2 DOUBLE ROWS OF STAPLES.
- NOTE: IF FLOW WILL ENTER FROM THE EDGE OF THE MATTING THEN THE AREA EFFECTED BY THE FLOW MUST BE REVEYED-IN.

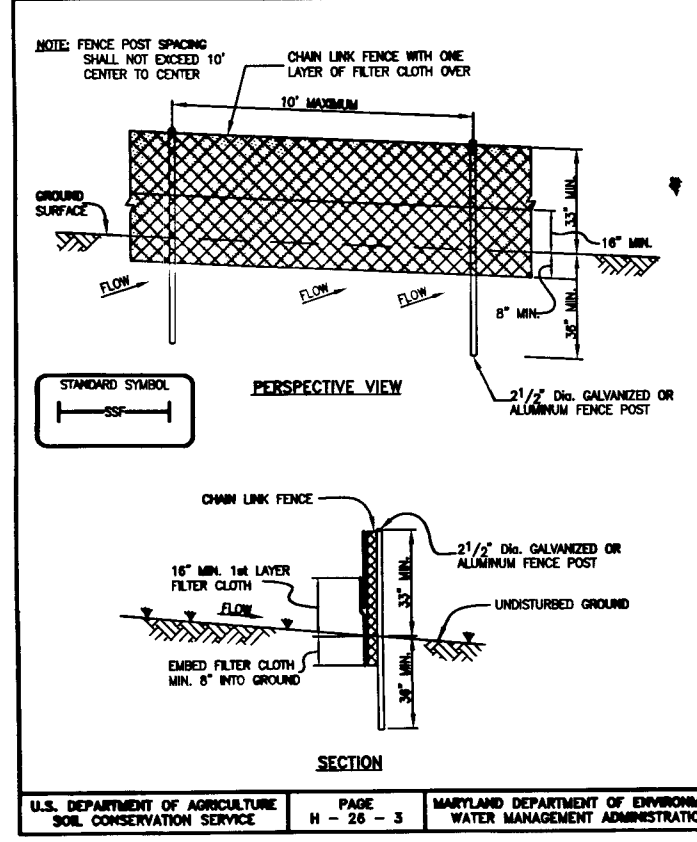
SOIL STABILIZATION MATTING

NOT TO SCALE

DETAIL 22 - SILT FENCE



DETAIL 33 - SUPER SILT FENCE



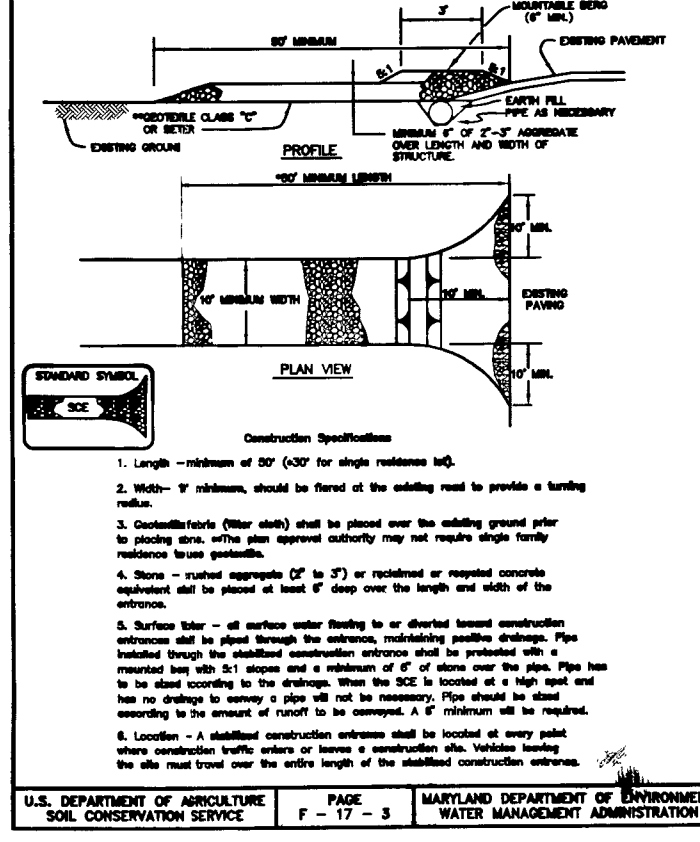
SUPER SILT FENCE

CONSTRUCTION SPECIFICATIONS			
1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Design for Chain Link Fencing. The specification for a 6" fence shall be used, substituting 42" fabric and 6" mesh posts.			
2. Chain link fence shall be fastened securely to the fence posts with wire ties. No required except on the ends of the fence.			
3. Filter cloth shall be fastened securely to the chain link fence with tie spaced every 24" at the top and mid section.			
4. Filter cloth shall be embedded a minimum of 8" into the ground.			
5. When two sections of filter cloth adjoin each other, they shall be overlapped by 8" and folded.			
6. Maintenance shall be performed as needed and all openings repaired when "buckles" develop in the silt fence, or when 20% require 20% of fence height.			
7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:			
Tensile Strength	50 lb/ft (min.)	Tensile Strength	500 lb/ft (min.)
Tensile Breakdown	20 lb/ft (min.)	Tensile Breakdown	200 lb/ft (min.)
Flow Rate	0.5 gpm/ft (max.)	Flow Rate	0.5 gpm/ft (max.)
Filtration Efficiency	75% (min.)	Filtration Efficiency	75% (min.)

SUPER SILT FENCE DESIGN CRITERIA

Slope	Silt Fence Slope	Slope Length (Construct)	Silt Fence Length (Construct)
0 - 10%	0 - 10%	Unlimited	Unlimited
10 - 20%	10% - 20%	200 feet	1,500 feet
20 - 30%	20% - 30%	100 feet	1,000 feet
30 - 50%	30% - 50%	50 feet	500 feet
50% +	50% +	50 feet	250 feet

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

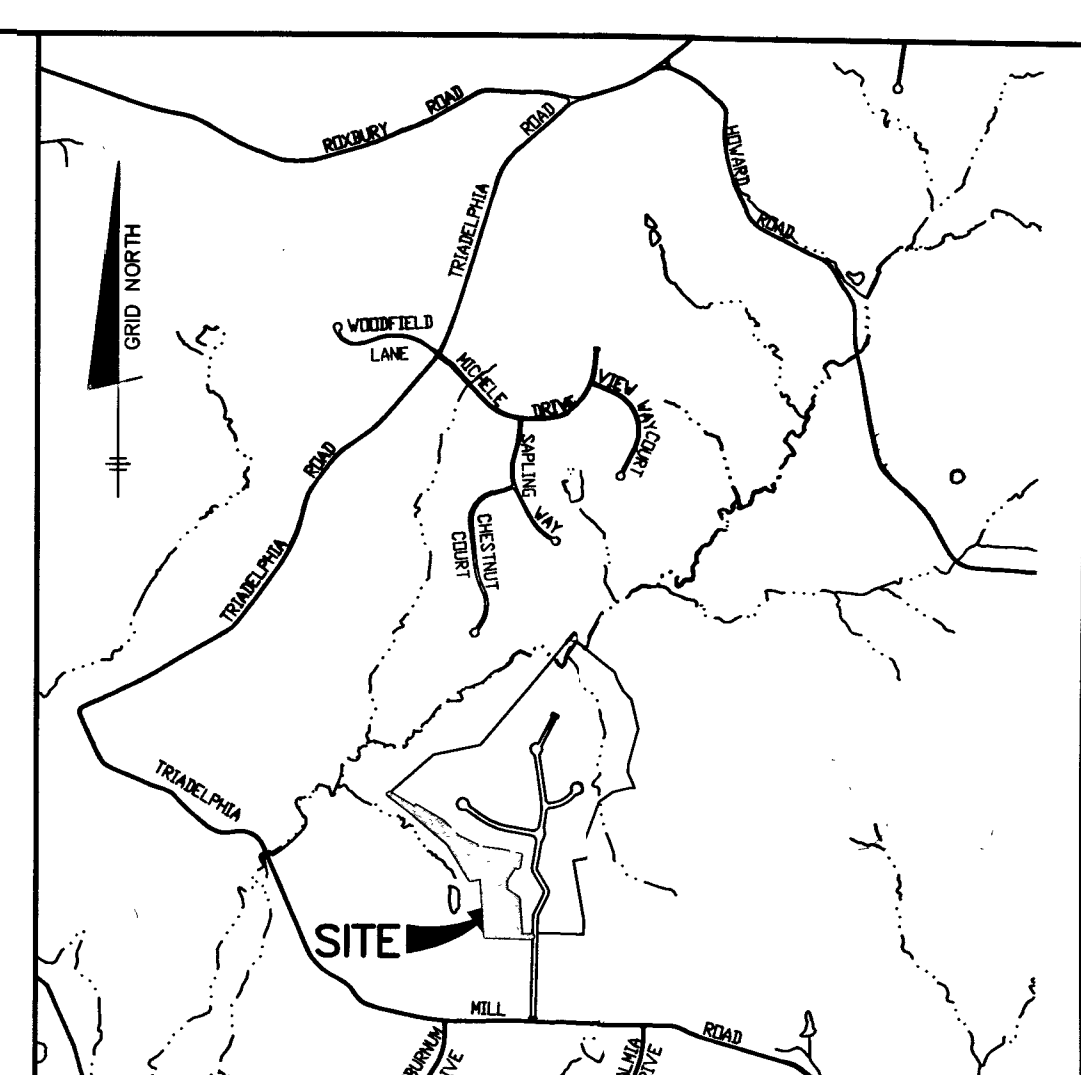


NOTES:

- THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13959-60. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER DISPOSAL. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENFORCEMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT MUST BE FILED WITH THE CLERK OF THE DISTRICT COURT.
- EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
- SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
- SEDIMENT AND EROSION CONTROL APPROVED UNDER GP-03-38.

BENCHMARK
ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE & SUITE 418
ELICOTT CITY, MARYLAND 21043
phone: 410-465-6105 • fax: 410-465-6644
email: Benchmark@cois.com

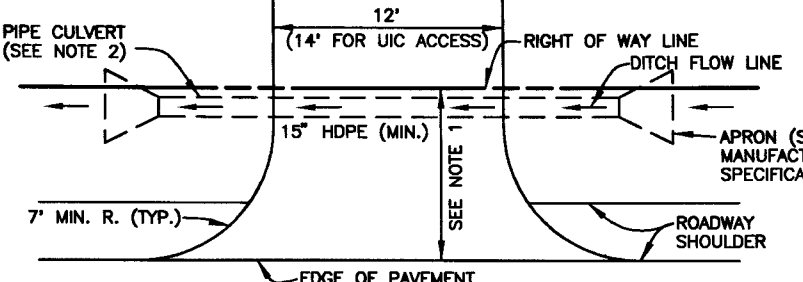
BUILDER:	TOLL BROTHERS, INC. 7164 COLUMBIA GATEWAY DRIVE SUITE 230 COLUMBIA, MARYLAND 21046 410-872-9105
PROJECT:	HIGH FOREST ESTATES PRESERVATION PARCEL A
LOCATION:	15125 SAPLING RIDGE COURT PARCEL 140,141,142 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE:	PLOT PLAN F-98-167
DATE:	APRIL 3, 2003
PROJECT NO.	1362
DESIGN:	DBT
DRAFT:	DBT
CHECK:	DAM
SCALE:	AS SHOWN
SHEET	1 OF 1



VICINITY MAP

SCALE: 1" = 200'

- DRIVEWAY CULVERT NOTES:
- DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON H.O.C.O.S.T. R-201 OR AN ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1 AS APPROVED BY D.P.W.
 - DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM.
 - ALL DRIVEWAY CULVERT PIPES ARE TO BE 15" HOPE OR GREATER TO PREVENT BLOCKING. HOPE APRONS ARE TO BE INSTALLED AT EACH END OF THE CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS. IF A LARGER PIPE IS REQUIRED THE DITCH INVERT CAN BE LOWERED TO PROVIDE A MINIMUM DITCH GRADIENT OF 0.5% AND THE CLEARANCE SHOWING.
 - SHOULDER FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL AS APPROVED BY D.P.W.
 - TIE-IN GRADE OF DRIVEWAY SHALL NOT EXCEED 14%.
 - SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.



DRIVEWAY CULVERT

NOT TO SCALE

LEGEND

- EXISTING CONTOURS AS SHOWN ON F-98-167
- PROPOSED CONTOURS
- EXISTING TREELINE
- SILT FENCE
- SUPER SILT FENCE
- EARTH DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE
- SEPTIC EASEMENT
- FOREST CONSERVATION EASEMENT
- WELL LOCATION
- STREET TREE INSTALLED UNDER F-98-167

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogles Well Drilling Telephone #: 410-795-5670
Address: 580 Church Rd
Stylesville Md 21154

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License # MSD 009
*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Toll Brothers Telephone #: _____
Subdivision: High Forest Estates Lot #: 100/51 Well Tag #: HO-94-3378
Site Address: 15125 Seeping Ridge Dr

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Grundfos</u>	Make: <u>Cummins</u>	Two piece watertight cap: <u>yes</u>
Model #: <u>750 07422</u>	Model #: <u>N/A</u>	Screened, vented well cap: <u>yes</u>
Pump Capacity <u>7</u> GPM	Depth: <u>36</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>15</u> GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>300</u> (feet)		Conduit secured to well cap: <u>yes</u>
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
Torque arrestors or Cable guards are required - Must circle one		
Safety rope, if used, attached to inside of well casing with eye bolt <u>N/A</u>		

Piping to house

Type: 1" Black Plastic

PSI: 160 (160 psi min)

Depth of supply line: 42 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: yes

Approximate length of sleeve: 5

Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Allen Compton

date 11-17-03

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 9/2/03

Date Insp. Approved: 11/20/03

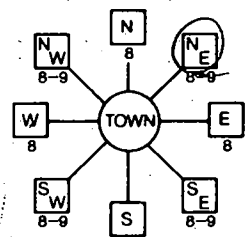
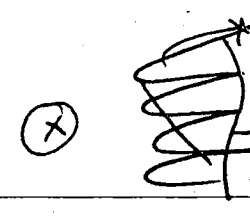
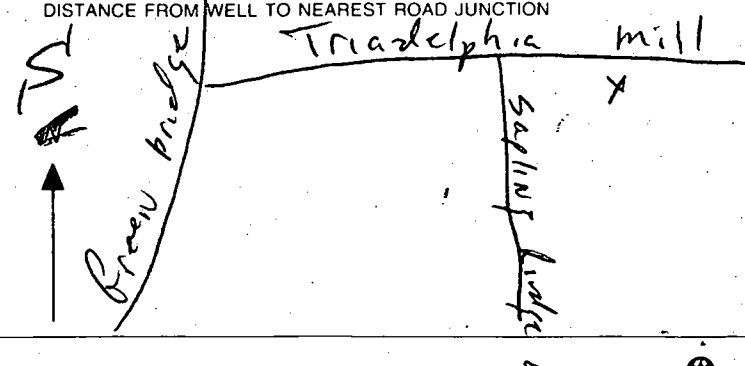
Inspection Data: Pitless adapter and water supply line at least 36" below grade ✓
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 18" below grade/attached to cap properly ✓
Safety rope installed inside of well casing ✓
Correct well tag attached properly and casing 8" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓

RD-215 (Rev. 8/00)

(50) BB

C1	14465	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE 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 COLS. 3-6 ON ALL CARDS)				
ST/CO USE ONLY DATE Received MM DD YY 8 13		DATE WELL COMPLETED 12 19 02		Depth of Well 22 200 26 (TO NEAREST FOOT)
				PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3378
				COUNTY NUMBER A56600A
OWNER <u>Toll Brothers</u> STREET OR RFD <u>SAPLING RIDGE</u> TOWN <u>Glenelg</u> SUBDIVISION <u>HIGH FOREST ESTATES</u> SECTION <u>1A</u> LOT <u>1A</u>				
WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING			GROUTING RECORD WELL HAS BEEN GROUTED (Circle appropriate box) Y N TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS <u>30</u> NO. OF POUNDS <u>2820</u> GALLONS OF WATER <u>180</u> DEPTH OF GROUT SEAL (to nearest foot) from <u>8</u> ft. to <u>37</u> ft. 48 TOP 52 54 BOTTOM 58 ft. (enter 0 if from surface)	
DESCRIPTION (Use additional sheets if needed) FEET FROM TO check if water bearing Brown shale 0 56 Gray Limestone 56 140 Brown 140 141 ✓ Gray Limestone 141 200			CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER MAIN CASING TYPE <u>ST</u> Nominal diameter top (main) casing (nearest inch) <u>06</u> Total depth of main casing (nearest foot) <u>63</u> 60 61 63 64 66 70	
			OTHER CASING (if used) diameter inch depth (feet) from to E A C H C A S I N G	
ULTRAVIOLET LIGHT DISINFECTION SYSTEM			SCREEN RECORD screen type or open hole ST BR HO STEEL BRASS OPEN insert appropriate code below PL OT PLASTIC OTHER	
NUMBER OF UNSUCCESSFUL WELLS: <u>0</u>			C2 DEPTH (nearest ft.) <u>140</u> <u>63</u> <u>200</u>	
WELL HYDROFRACTURED Y N			E 1 8 9 12 15 17 21 A 23 24 26 30 32 36 H 38 39 41 45 47 51 S R E 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 WELL			SLOT SIZE 1 2 3 4 5 6 7 8 9 10 DIAMETER OF SCREEN (NEAREST INCH) <u>56</u> <u>60</u> from to	
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.			GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX <u>68</u>	
DRILLERS LIC. NO. <u>M 5D 009</u> <u>Adrian Wright</u> DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. <u>D</u>			MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE LOG OTHER DATA CASING INDICATOR	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)			PUMPING TEST C3 51 HOURS PUMPED (nearest hour) <u>03</u> PUMPING RATE (gal. per min.) <u>15</u> METHOD USED TO MEASURE PUMPING RATE <u>1946</u> WATER LEVEL (distance from land surface) BEFORE PUMPING <u>11</u> ft. WHEN PUMPING <u>35</u> 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 INSTALLED PUMP YES NO (CIRCLE YES OR NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED <u>29</u> PLACE (A,C,J,P,R,S,T,O) IN BOX 29 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) + above } LAND SURFACE - below } <u>02</u> (nearest foot) 49 50 51	
			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) <u>See Plat</u>	

WS16852-Q

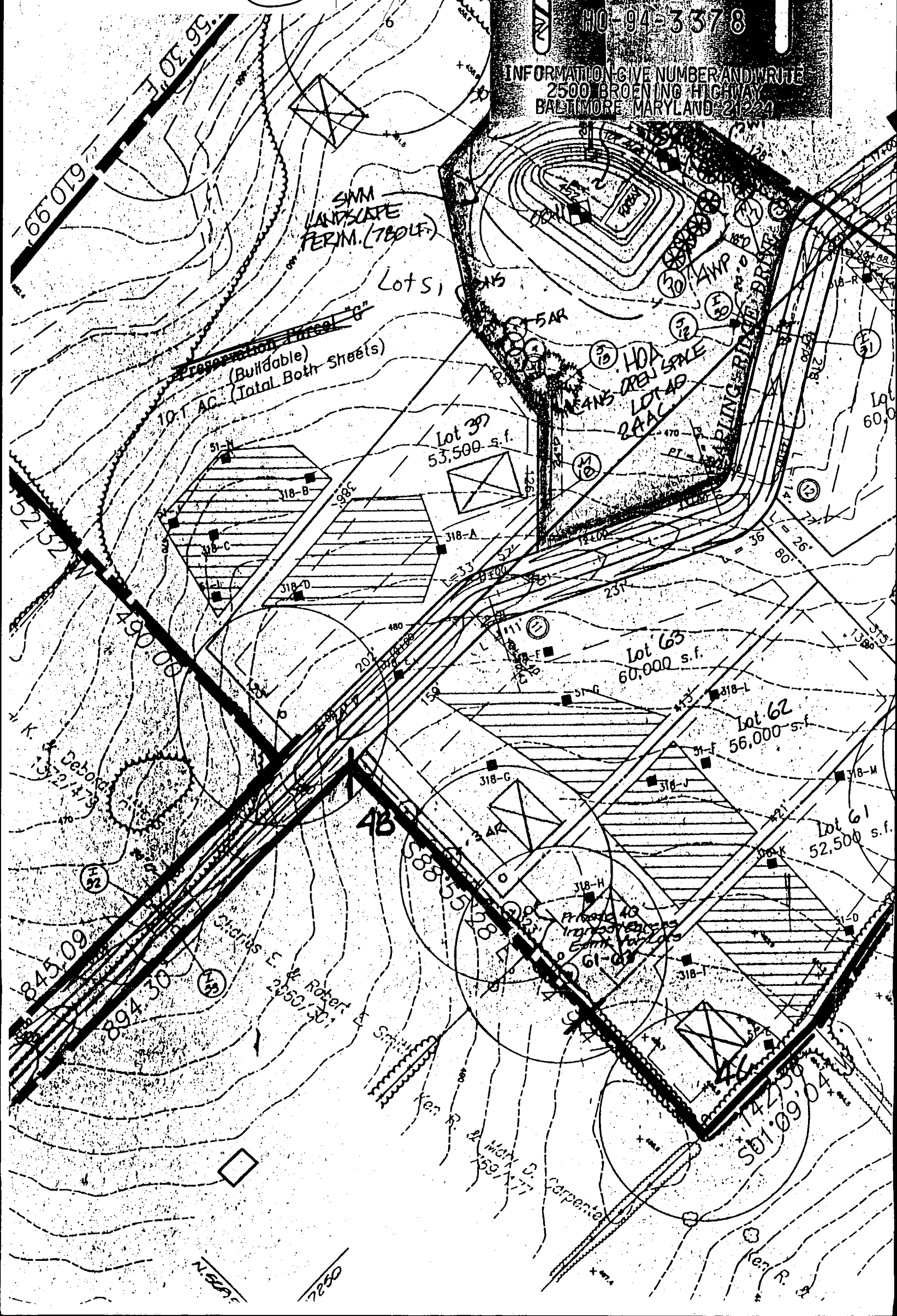
B 1 1 2 3 4 5 6 9767	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER H0-94-3378 <small>fill in this form completely</small>
Date Received (APA) 3 1 02 8 MM DD YY 13 OWNER INFORMATION 15 Last Name Owner First Name 34 14203 Howard RD 36 Street or RFD 55 Dayton Md. 21036 57 Town 70 State 72 Zip 76		B 3 8 COUNTY 21 Howard 23 SUBDIVISION High Forest Estates SECTION 44 46 LOT 48 50 52 NEAREST TOWN Glencly 71 MILES FROM TOWN (enter 0 if in town) 4 M 1 73 76 77 78	
DRILLER INFORMATION Driller's Name 76 License No. 81 Allen Compton MS D 009 Firm Name Eagles Well Drilling Address 580 Obrecht Rd. Signature Date Allen Compton 2-27-02		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 WEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH 34 180 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 27 BLK: 11 PARCEL 147	
B 2 1 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD 56600A COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 07 08 02 Kaela Noonan 07-08-03 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 50 55 EAST GRID 57 63 511 000 0795 000	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 795 N 511 000 000	
APPROXIMATE DEPTH OF WELL 300 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH 30 37 METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCUSION ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT other		121402 Grant No Insp 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <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 DEEPEM 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) APPROP. PERMIT NUMBER G PERMIT No H0-94-3378 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS <small>NOTE: APPROVING AUTHORITY'S SHOULD USE SEPARATE SHEET IF NEEDED</small>			

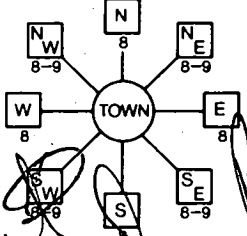
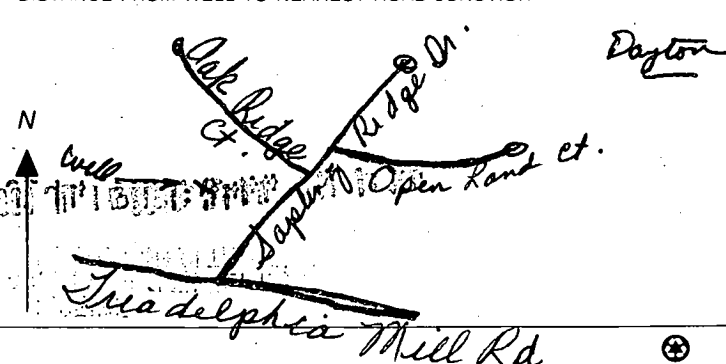
NO INSP. STAGED
BY LICENSED ENGINEER

RL DEO (22)
RR DEO (2156)

HO-94-3378

INFORMATION-GIVE NUMBER AND WRITE
2500 BROENING HIGHWAY
BALTIMORE MARYLAND 21224



B 1 09.708 <small>1 2 3 4 5 6</small>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL <i>W513688</i> please print or type	STATE PERMIT NUMBER HO-94-2754 <small>70 fill in this form completely 79</small>
Date Received (APA) 7/14/00 <small>8 MM DD YY 13</small> Karfonte <small>15 Last Name</small> 10 Mellor Ave. <small>36 Street or RFD</small> Catonsville Md 21228 <small>57 Town 70 State 72 Zip 76</small>		B 3 Howard LOCATION OF WELL <small>8 COUNTY</small> High Forest Estates <small>23 SUBDIVISION</small> SECTION 44 LOT Parcel A <small>44 46 48 50</small> Dayton <small>52 NEAREST TOWN</small> MILES FROM TOWN (enter 0 if in town) 4 1/2 M I <small>73 76 77 78</small>	
DRILLER INFORMATION Joseph L. Mayne MSD 024 <small>76 License No. 81</small> Joseph L. Mayne Well Drilling <small>Firm Name</small> 5512 Ridge Rd Mt. Airy Md 21771 <small>Address</small> Joseph L. Mayne 7/13/2000 <small>Signature Date</small>		B 4 1 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 NEAR WHAT ROAD Sapling Ridge Dr. <small>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</small> NORTH <input checked="" type="checkbox"/> EAST <input type="checkbox"/> WEST <input type="checkbox"/> SOUTH <input type="checkbox"/> 410 DISTANCE FROM ROAD FT <small>ENTER FT OR MI 38 39</small> TAX MAP: _____ BLK: _____ PARCEL A	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 <small>14 20</small>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard COUNTY NAME <small>13</small> COUNTY NO. STATE SIGNATURE _____ INSERT S → DATE ISSUED 07/20/00 C. J. Wilson 7/19/01 <small>43 MM DD YY 48</small> NORTH GRID 510 000 EAST GRID 790 000 <small>50 55 57 63</small>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL		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 790 N 510 000 000	
APPROXIMATE DEPTH OF WELL 300 FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small>		METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVerse-ROTary <input type="checkbox"/> DRive-POINT <input type="checkbox"/> other _____	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) <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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____ <small>41 52</small>		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) APPROP. PERMIT NUMBER 54 G A P 63 PERMIT No. HO-94-2754 <small>70 71 72 73 74 75 76 77 78 79</small>			
SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>			

APPLICATION

PERCOLATION TESTING

A 57577

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 C. M. C. CONSTRUCTION, INC.

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-489-4630

PROPERTY LOCATION:

SUBDIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. plus parcel 'A' original

ROAD AND DESCRIPTION HOWARD ROAD 3,000 ± FROM INTERSECTION OF
TRIADDELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 40,000 - 50,000 SQ. FT. TYPE BLDG. SINGLE FAMILY DWELLING
(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 _____

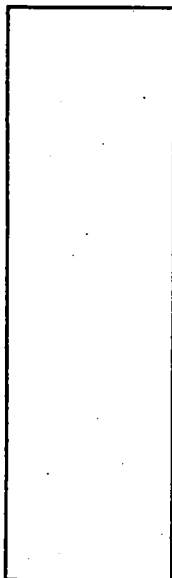
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0'



318C

TOPSOIL

LIGHT BROWN
STONY CLAY

2

DARK
ORANGE
CLAY
LOAM

4

BRIGHT ORANGE
SANDY
LOAM
10% PLATY
SAPROLITE
BLACK
BANDS
DEEP 6

WATER

10.5

SOIL PROFILE

318A
BTOPSOIL
BROWN
CLAY
LOAM

3

BROWN CHANGING
TO DARK GRAY BROWN
SANDY AND LOAM
15% SOFT SAPROLITE
PARENT
MATERIAL
FEW SMALL WHITE
POCKETS
IRON NOCTATION
BLACK STREAKS

10.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/18/97	318A	3.5 / 10.5	10:10	10:13	10:13	10:19	6 MIN
	318B	3.5 / 10.5	10:15	10:20	10:20	10:26	6 MIN
	X 318C	4 / 12	10:25	10:30	10:30	10:44	14 MIN
	318D	3.5 / 10	10:32	10:37	10:37	10:45	8 MIN

REMARKS ROBINSON 8 ACRE PARCEL (PREVIOUSLY PERCED) TO WEST OF R.W.

TYPE OF SOIL

TESTED BY G. SAVAGE

ALSO PRESENT C. SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

