

8/15/99  
partial CO, 2-3 PM  
7/16/99 - PM  
7-28-99 CO pm  
7-29-99 2-3pm  
8-2-99 Early AM

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512004

A 57313-R

DISTRICT \_\_\_\_\_

DATE 7/12/99

DATE SYSTEM APPROVED 10/25/99

INSPECTOR CW

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

04-361695

## INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 410-795-5670

SUBDIVISION Sycamore Valley II LOT Pres. Parcel "A" ROAD 3820 Championship Drive

PROPERTY OWNER Catonsville Builders

ADDRESS \_\_\_\_\_

**WATER TIGHT TANK REQUIRED**  
SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

### PUMPED SEPTIC SYSTEM REQUIRED

INSTALL: 1-1500 Gallon Water Tight Pump Chamber  
NOTES - Septic pump detail to be provided by installer prior to issuance of septic permit  
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

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. 2.0 feet of stone below distribution pipe.

LOCATION - Remote septic easement, place distribution box 50 feet from the top (130') lot line and 15 feet from the near (180') lot line. Run trenches along contour toward 191' lot line  
Four trenches required - each to be 75' in length. **\*MUST REVIEW CONTRACTORS PRESSURE HEAD/PUMP CURVE DETAIL PRIOR TO ISSUANCE OF SEPTIC PERMIT. NEARLY 1000 GPM OF EFFLUENT LINE - ARE CHECK VALVES NEEDED? OK**

NOTES - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

## BUILDING PERMIT SIGNED

### AND RETURNED

PLANS APPROVED BY C. Williams/Ron Pinkley 61203 BODM 2310 - GARAGE DATE 4-19-1999

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

**ORIGINAL PERMIT SIGNED**

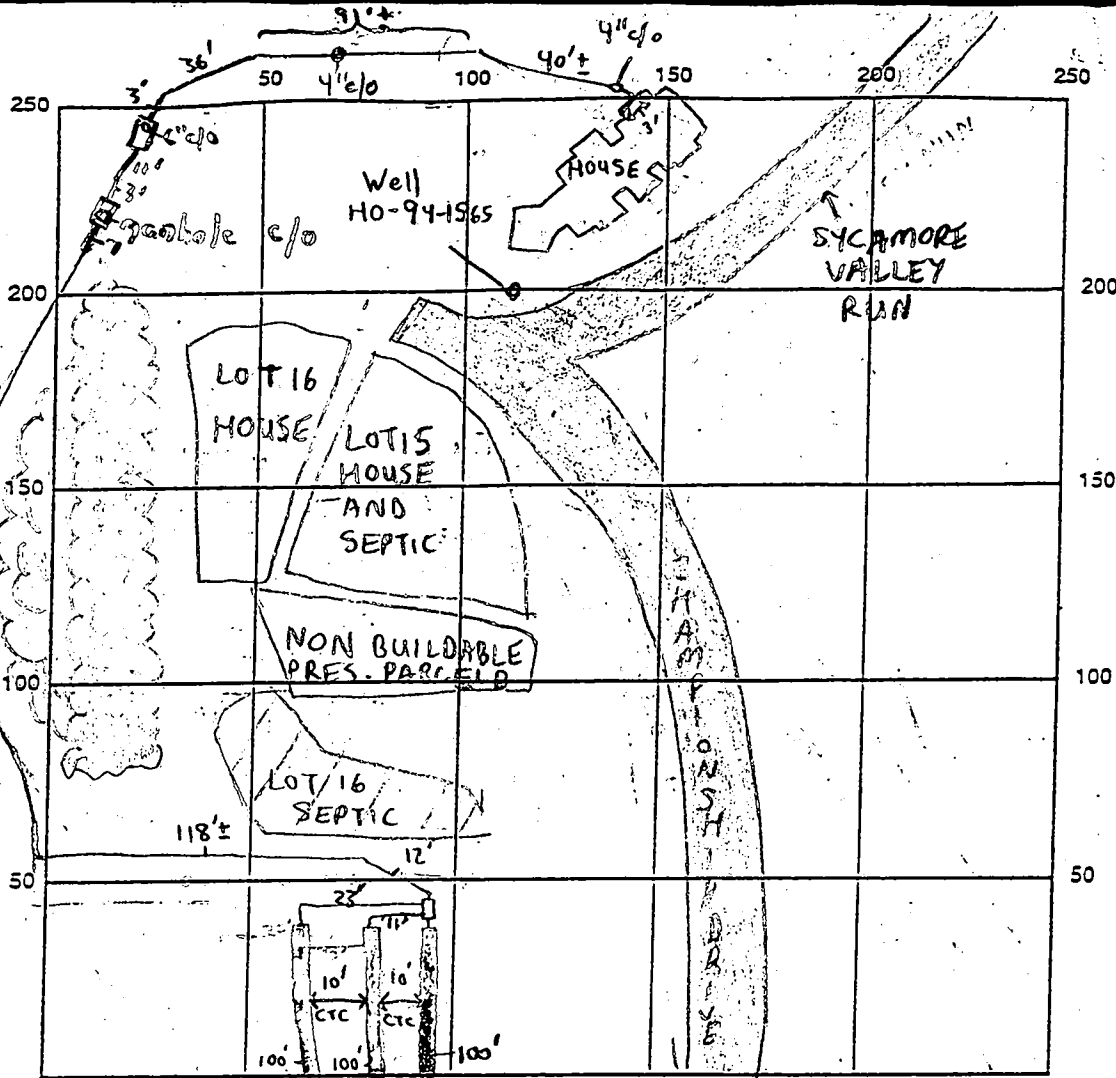
**AND RETURNED** 10-5-99

Serial # 04120502

Inst. 1-1000 gallon underground pump panel lot

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A-57313-R



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 -1500 gallon top seam ST 6" @ ST, Manhole @ PT  
 SEPTIC TANK LEVEL ✓ -1500 gallon top seam PT CLEANOUTS 4" @ House, 4" between house & tank  
 DISTRIBUTION BOX LEVEL ✓ Baffle is in  
 DRAIN FIELD/TITLE DEPTH 5.50 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 300 FT.  
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.  
 DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.  
 ABSORBENT AREA N/A SQ. FT.

REMARKS: 7/15/99 - OK TO CONTINUE WORK, CONTRACTOR MUST BREAK THROUGH ROCK TO ALLOW ENOUGH FALL IN PIPE FROM HOUSE TO TANK - SRW  
 7/16/99 - OK TO CONTINUE WORK - SRW 7/28/99 - OK TO CONTINUE WORK - SRW  
 7/29/99 - OK TO CONTINUE WORK - SRW 8/2/99 - WPI OK, OK TO COVER ALL WORK, PUMP TEST STILL NEEDED - SRW

8/25/99 INSIDE ALARM, CONTROLS OK. DUPLEX PUMPS W/ JUNCTION BOX & DETACHED FLOAT TREE. PUMPS OK. (CW)  
 KEEP DBOX OPEN FOR PUMP TEST  
 DATE SYSTEM APPROVED 10/25/99 INSPECTOR Craig Wilton

# APPLICATION

PERCOLATION TESTING

A 57313

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 10/9/96

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 Frances Devlin Catonsville Builders

ADDRESS 1805 Hickory Ridge Rd Ste 215 PHONE 740-2100  
Cal. no 210-17

AGENT OR PROSPECTIVE BUYER Land Design and Development

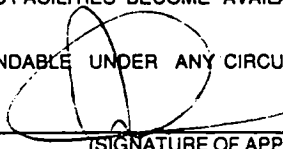
ADDRESS 1805 Hickory Ridge Rd Ste 215 PHONE 740-2100  
Cal. no 210-17

PROPERTY LOCATION:  
SUBDIVISION Devlin Property LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Sycamore Run Road  
(3820 Championship Drive)

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_  
SIZE OF LOT 10 x 1 acre TYPE BLDG. Single - 5 Bed  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMITS SIGNED  
AND RETURNED 4-19-99  
Serial # B10117019**

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  
1378

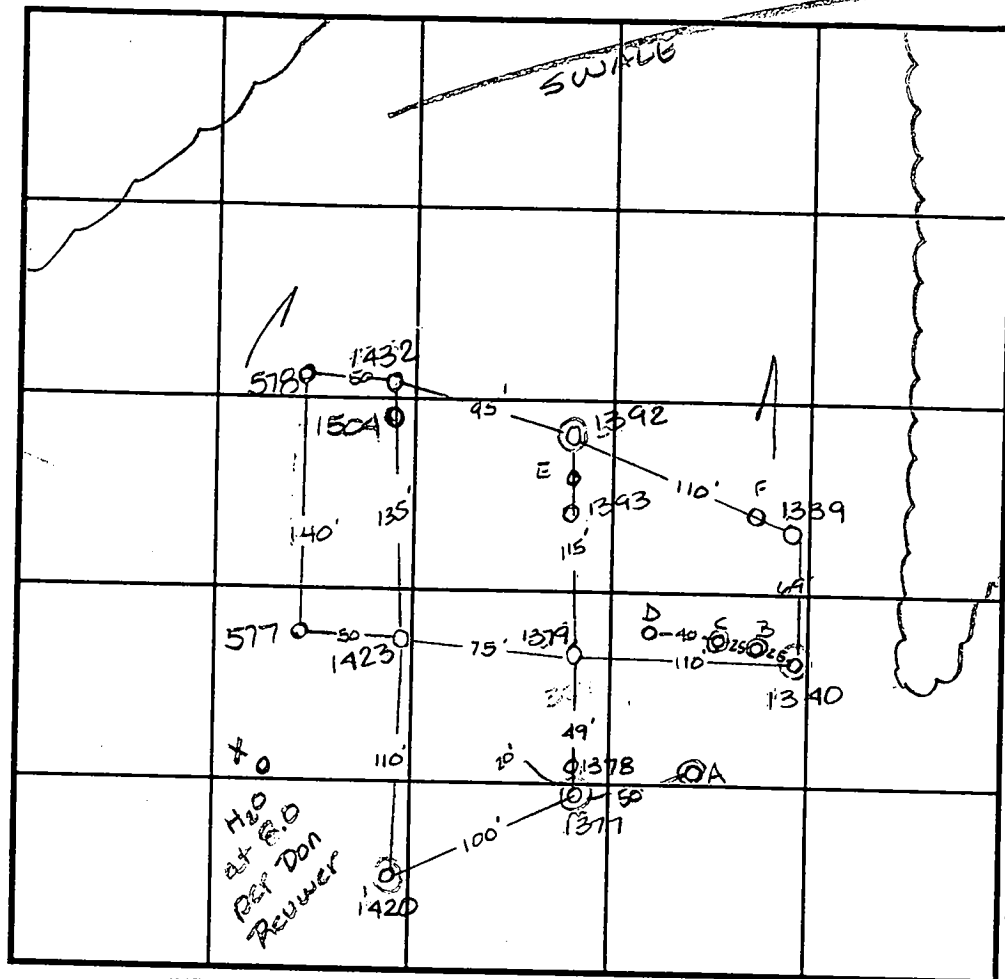
dark red  
Sicilm

dark red  
Sisalm  
15%  
Rx  
refusal

SOIL PROFILE  
1339

dark red  
Sicilm

1/8  
red  
brown  
Sicilm  
15%  
bags  
refusal



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

1393  
dark red  
Sicilm

1/8  
tan  
brn  
Sisalm

DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
10-27-96	1378	3.5 /V10.0	2:40	2:44	2:44	2:48	4min
	1432	3.0 /V10.0	3:21	3:22	3:22	3:26	4min
	1377	Refusal at 6.0					F
	1420	Refusal at 5.5					F
	1392	Refusal at 6.0					F
	1423	4.0 /V11.0	2:04	2:11	2:11	2:15	4min
		7.5 /V11.0	2:08	2:09	2:09	2:11	2min
	1379	3.5 /V11.0	2:01	2:02	2:02	2:04	2min
	1339	5.0 /V10.0	3:03	3:07	3:07	3:13	6min
	1393	3.0 /V11.0	2:40	2:44	2:44	2:54	10min

REMARKS 1340 Refusal at 5.0 F

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

TESTED BY Amy McMillen ALSO PRESENT Don Reuwer

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

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

1432  
dark red  
Sicilm

1/8  
grey  
orange  
Silm  
10%  
Rx

1423 : 1379  
dark red  
Sicilm

dark orange  
brown  
Silm  
10%  
Rx

57313

DEVLIN PROPERTY

COUNTY #

SOIL PROFILE  
1504

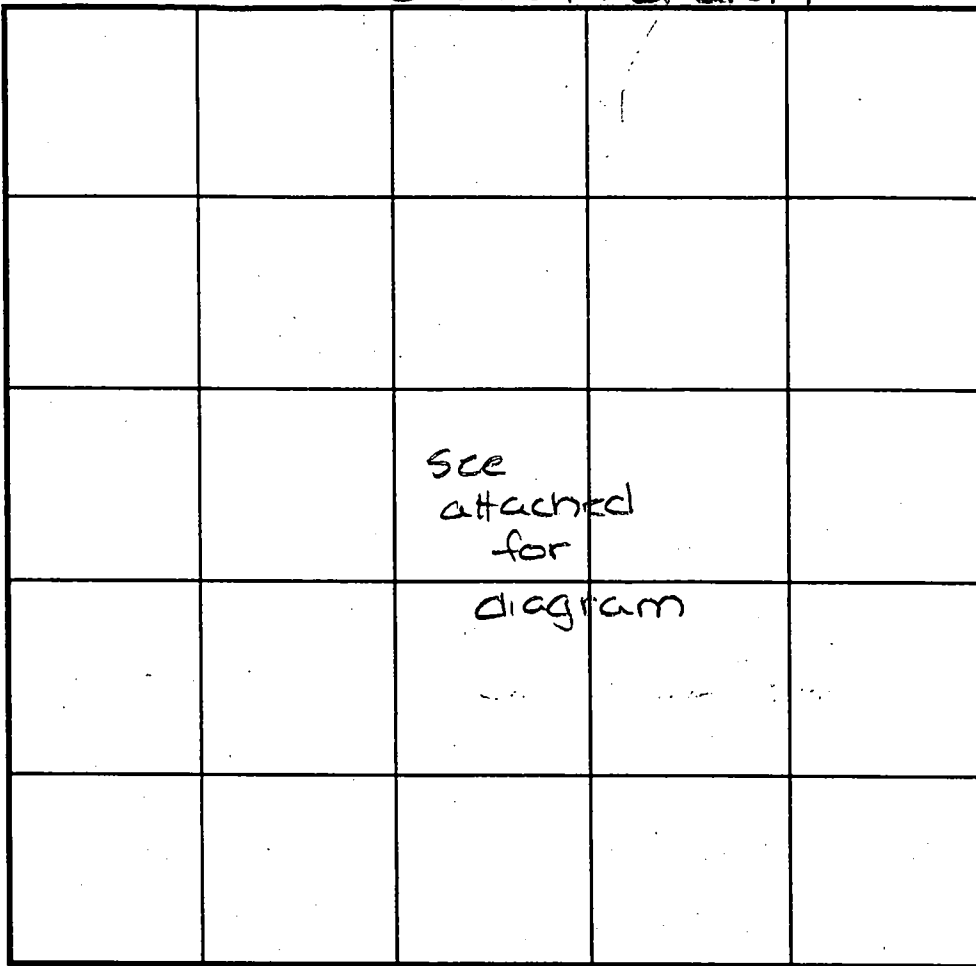
0" dark red Sicilm  
4.0 lgt tan w 50% grey Rx Sisalm  
9.0 bright yellow orange sisalm  
11.0

D, E, F

no distinct clay layer orange brn sisalm micaceous 15-20% Rx

SOIL PROFILE  
577

0" lgt tan Sicilm  
1.5 dark red Sicilm  
5.0 bright orange Salm  
12.0 dull grey Sisalm  
13.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-22-97	1504	Visual	only	- see	profile	-	OK
8-27-97	A	Refusal at	5.0				F
	B	Refusal at	7.0				F
	C	Refusal at	6.5				F
	D	See profile	- visual to	11.0	-		OK
	E	See profile	- visual to	13.0	-		OK
	F	Visual to	12.0	- see profile	-		OK
10-7-97	(578)	5.0 / 11.0	2:29	2:30 <sup>15</sup>	2:30 <sup>15</sup>	2:32	1 3/4 min
	(577)	3.0 / 13.0	2:35	> 30 min			slow
		8.0 / 13.0	2:34	2:35 <sup>30</sup>	2:35 <sup>30</sup>	2:36 <sup>30</sup>	1 min

REMARKS \_\_\_\_\_

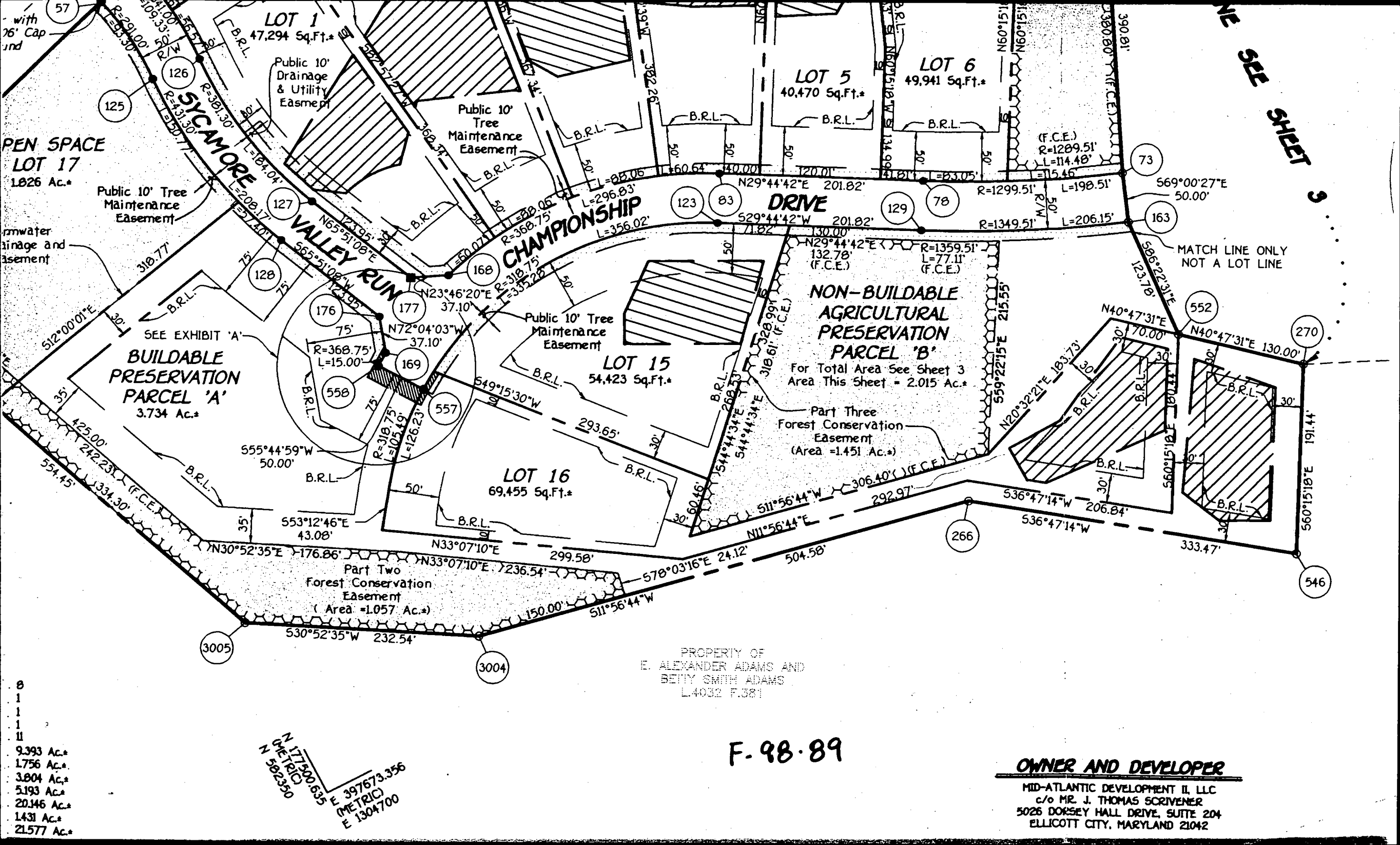
TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT \_\_\_\_\_

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

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

11.0 578 dark red Sicilm  
4.5 lgt tan Sisalm  
9.0 >50% Rx grey sand stone  
11.0



LOT 1  
47,294 Sq.Ft.\*

LOT 5  
40,470 Sq.Ft.\*

LOT 6  
49,941 Sq.Ft.\*

LOT 15  
54,423 Sq.Ft.\*

LOT 16  
69,455 Sq.Ft.\*

LOT 17  
1,826 Ac.\*

BUILDABLE PRESERVATION PARCEL 'A'  
3.734 Ac.\*

NON-BUILDABLE AGRICULTURAL PRESERVATION PARCEL 'B'  
For Total Area See Sheet 3  
Area This Sheet = 2.015 Ac.\*

PROPERTY OF  
E. ALEXANDER ADAMS AND  
BETTY SMITH ADAMS  
L4032 F.381

F-98-89

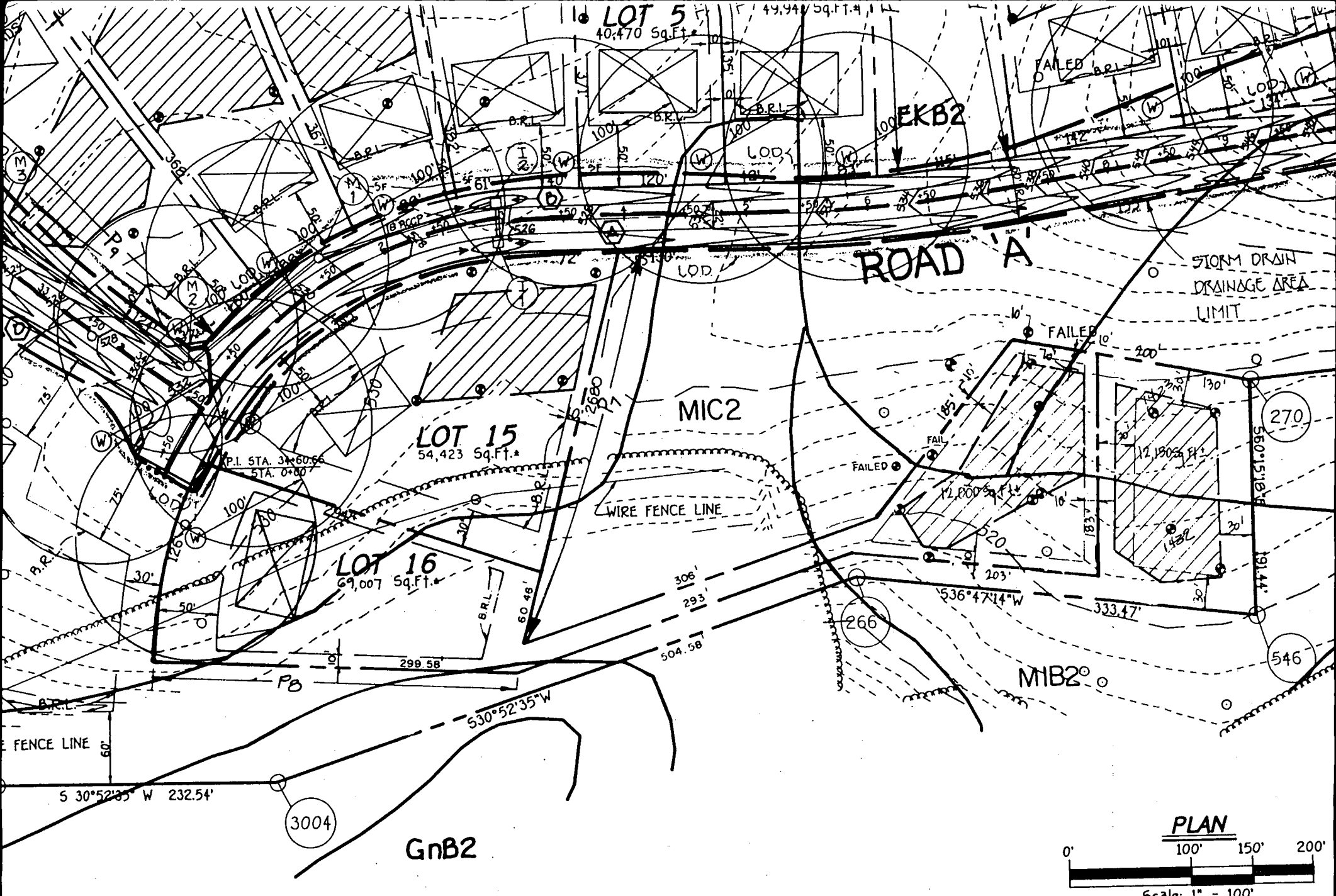
**OWNER AND DEVELOPER**

MID-ATLANTIC DEVELOPMENT II, LLC  
c/o MR. J. THOMAS SCRIVENER  
5026 DORSEY HALL DRIVE, SUITE 204  
ELLICOTT CITY, MARYLAND 21042

- 0
- 1
- 1
- 1
- 1
- 11
- 9.393 Ac.\*
- 1.756 Ac.\*
- 3.804 Ac.\*
- 5.193 Ac.\*
- 20.346 Ac.\*
- 1.431 Ac.\*
- 21.577 Ac.\*

N 17300.635  
METRIC  
N 582390  
E 397673.356  
(METRIC)  
E 1304700

MATCH LINE ONLY  
NOT A LOT LINE



SCHEDULE A PERIMETER LANDSCAPE EDGE

ADJACENT TO

N  
 0' 100' 150' 200'  
 SCALE LENGTH

# SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
3. PERFORMED NECESSARY GRADING AND STABILIZE THE SITE.
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

COVER IS NEEDED.

MEANS

WITH 2-1/2"  
SEED WITH 3"  
NOVEMBER  
SOON AS POSSIBLE

SHALL GRAB

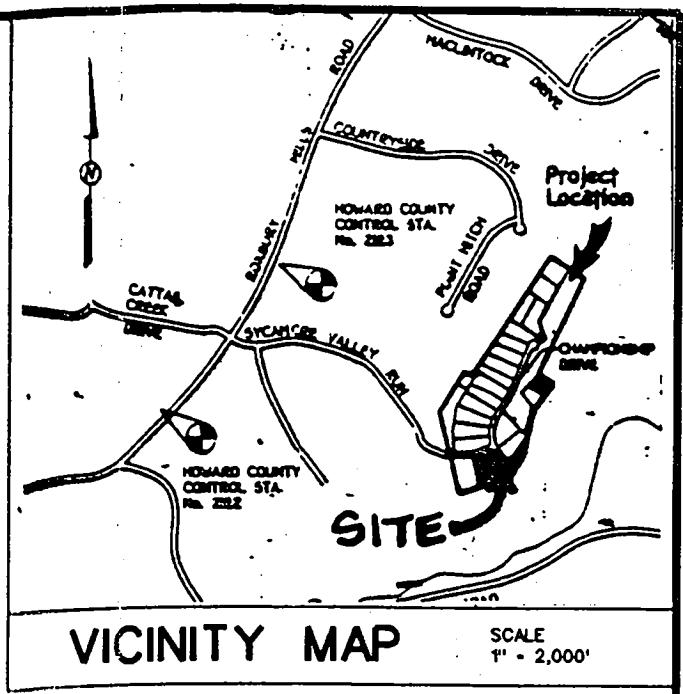
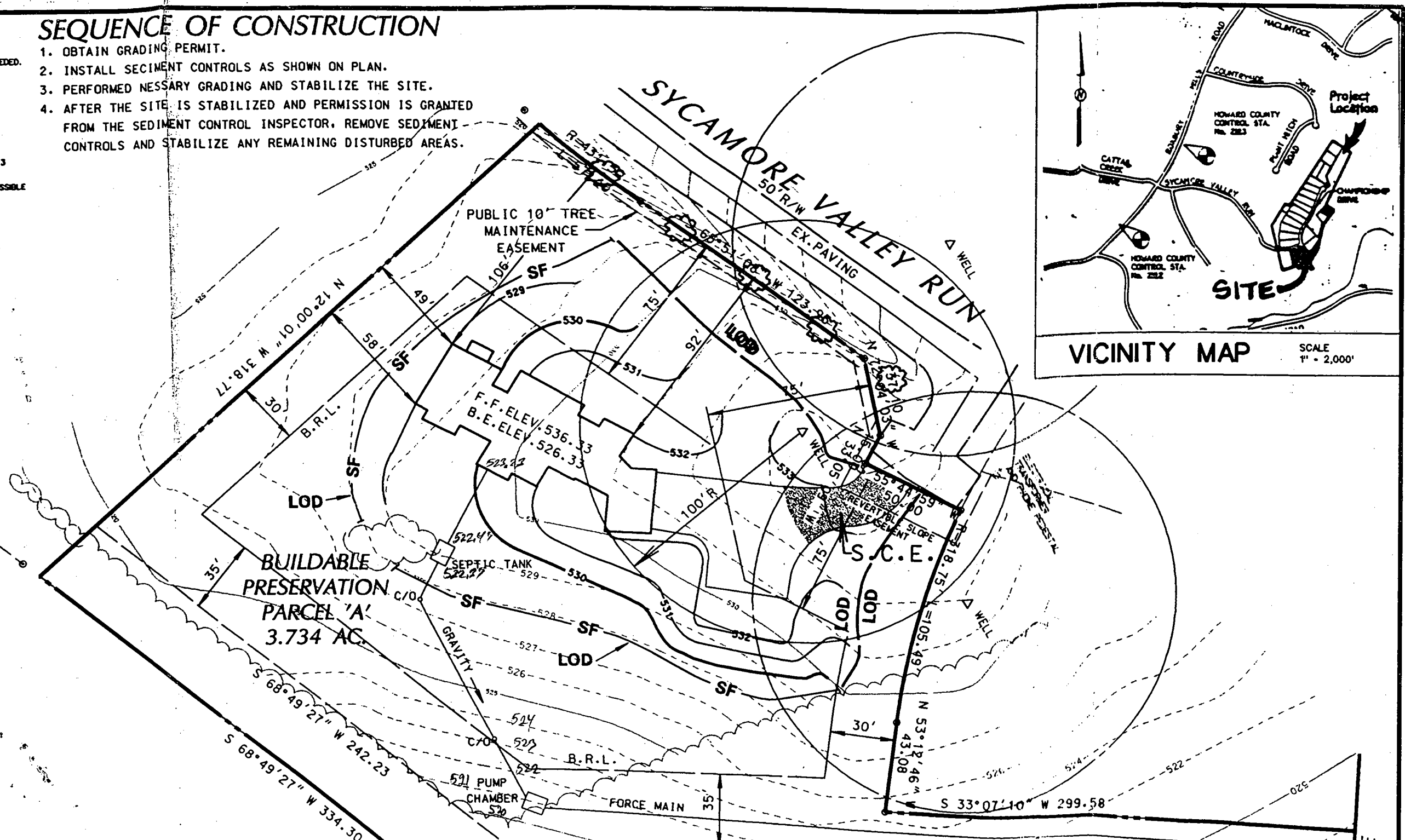
5 FEET OR

E

burning

prior  
city

ation  
Pipe  
with a  
Pipe has  
cut and  
end



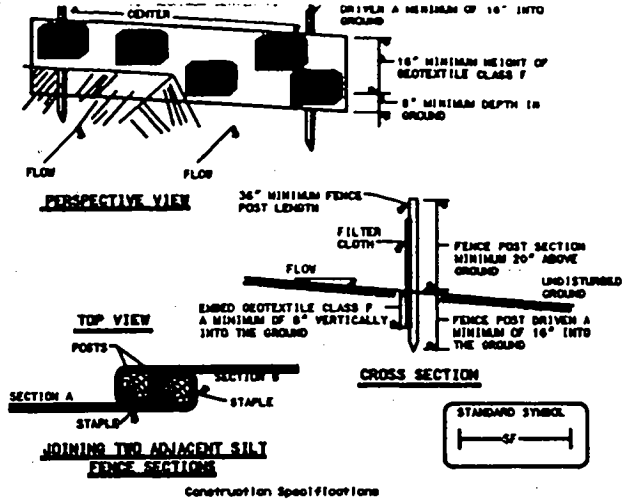
37ED OR PAVED 3.88 Ac.  
 267ATMELY STABILIZED 3.63 Ac.  
 .84 CA YDS.  
 .08 CA YDS.  
 20,88 CA YDS.

CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF  
 REPAIRED ON THE SAME DAY OF DISTURBANCE.

CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY  
 INSPECTOR.

4 DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY  
 UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT  
 BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER  
 INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL  
 IS MADE.

5 CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN  
 BE STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



2. Geotextile shall be fastened securely to each end post with wire ties  
 or staples at top and mid-section and shall meet the following requirements  
 for Geotextile Class F:

Tensile Strength	50 lba/in (min.)	Test: MSMT 509
Tensile Modulus	20 lba/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal 4 1/2 minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

- Where ends of geotextile fabric come together, they shall be overlapped,  
 folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when  
 bulges occur or when sediment accumulation reached 50% of the fabric height.

Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 5:1	unlimited	unlimited
5:1 to 10:1	125 feet	1,000 feet
10:1 to 8:1	100 feet	750 feet
8:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2% slope and sandy soils (USA general classification  
 system soil Class A) maximum slope length and silt fence length will be  
 unlimited. In these areas a silt fence may be the only perimeter control  
 required.

**OIL CONSERVATION DISTRICT**

**PERMANENT SEEDING NOTES**

1. CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-  
 TERM IS NEEDED.

2. LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS  
 PREVIOUSLY LOOSENEED.

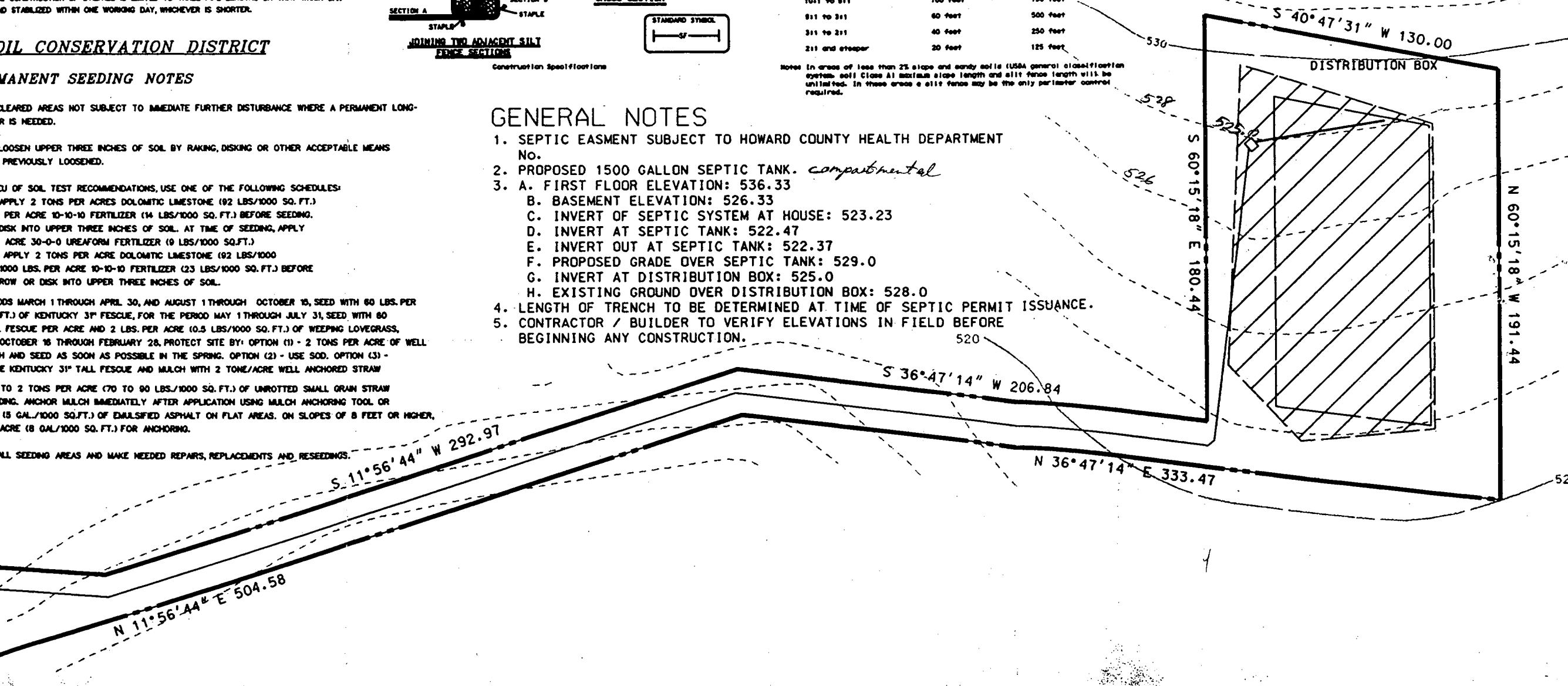
3. ON SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:  
 APPLY 2 TONS PER ACRES DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.)  
 PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.  
 DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY  
 PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.)  
 APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000  
 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE  
 ROW OR DISK INTO UPPER THREE INCHES OF SOIL.

4. FROM MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 60 LBS. PER  
 FT.) OF KENTUCKY 31" FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60  
 FESCUE PER ACRE AND 2 LBS. PER ACRE (0.5 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS,  
 OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY: OPTION (1) - 2 TONS PER ACRE OF WELLS  
 H AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE SOD. OPTION (3) -  
 E KENTUCKY 31" TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW  
 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRAM STRAW  
 DRING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR  
 (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES OF 8 FEET OR HIGHER,  
 ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

5. ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**GENERAL NOTES**

1. SEPTIC TANK SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT  
 No.
2. PROPOSED 1500 GALLON SEPTIC TANK. *compartmental*
3. A. FIRST FLOOR ELEVATION: 536.33  
 B. BASEMENT ELEVATION: 526.33  
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 523.23  
 D. INVERT AT SEPTIC TANK: 522.47  
 E. INVERT OUT AT SEPTIC TANK: 522.37  
 F. PROPOSED GRADE OVER SEPTIC TANK: 529.0  
 G. INVERT AT DISTRIBUTION BOX: 525.0  
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 528.0
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE  
 BEGINNING ANY CONSTRUCTION.





C1 05018 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 A57313

ST/CO. USE ONLY DATE RECEIVED 6-12-98

DATE WELL COMPLETED 06 11 98 Depth of Well 22 205 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1565

OWNER Catonsville Builders last name first name TOWN Glenwood STREET OR RFD Rt. 97 SUBDIVISION Devlin Prop SECTION LOT PP "A"

WELL LOG Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING. DESCRIPTION (Use additional sheets if needed) FEET FROM TO check if water bearing. Top Soil 0 2, Sandy 2 5, Sand Stone 5 10, MICKA 10 25, Sand Stone 25 30, MICKA 30 75, Sand Stone 75 80, MICKA 80 205.

GROUTING RECORD YES NO (Y) (N) 44 44. WELL HAS BEEN GROUTED (Circle Appropriate Box). TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC). NO. OF BAGS 45 46 6 NO. OF POUNDS 600 6. GALLONS OF WATER 36. DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 17 ft.

CASING RECORD casing types insert appropriate code below. MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 21.

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

SCREEN RECORD screen type or open hole (insert appropriate code below). SCREEN TYPE: ST (STEEL), BR (BRASS), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER).

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED YES (Y) NO (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).

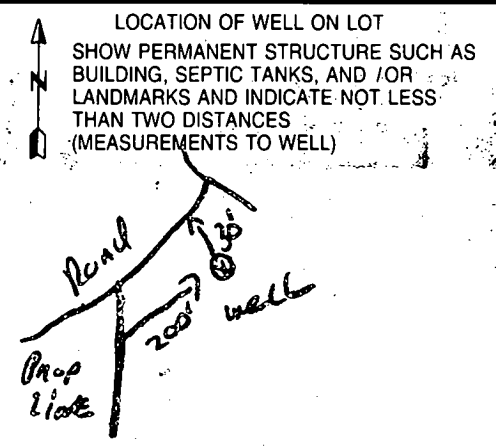
DEPTH (nearest ft.) 19 205. A C H S C 3 R E E N SLOT SIZE 1 2 3. DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to.

DRILLERS LIC. NO. MS D 116. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION). LIC. NO. MS D 117. DRILLERS SIGNATURE.

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.

PUMPING TEST. HOURS PUMPED (nearest hour) 3. PUMPING RATE (gal. per min.) 10. METHOD USED TO MEASURE PUMPING RATE bucket. WATER LEVEL (distance from land surface) BEFORE PUMPING 28 ft. WHEN PUMPING 32 ft. TYPE OF PUMP USED (for test) S (submersible).

PUMP INSTALLED. DRILLER WILL INSTALL PUMP (CIRCLE) (YES or 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) 31 35. PUMP HORSE POWER 37 41. PUMP COLUMN LENGTH (nearest ft.) 43 47. CASING HEIGHT (circle appropriate box and enter casing height) (+) above LAND SURFACE (-) below 2 (nearest foot).



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



**B 1** 07313 SEQUENCE NO. (DP USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type STATE PERMIT NUMBER HO-94-1565  
70 fill in this form completely 78

**B 2** OWNER INFORMATION  
 Date Received (APA) 05/27/98  
 CATONSVILLE BUILDERS  
 15 Last Name 34 Owner First Name  
 9020 CHEVROLET DR.  
 36 Street or RFD 55  
 ELLICOTT CITY MD 21042  
 57 Town 70 State 72 Zip 76

**B 3** LOCATION OF WELL  
 HOWARD COUNTY  
 23 SUBDIVISION OGDEN PROPERTY  
 SECTION 44 46 LOT 48 50 OGDEN PARCEL A.  
 SLEWOOD  
 52 NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) 1 MI  
 73 76 77 78

**B 3** DRILLER INFORMATION  
 Ralph Mayne  
 176  
 177 License No. 80  
 RALPH MAYNE WELL DRILLING  
 Firm Name  
 9120 Brown Church Rd. Mt Airy  
 Address  
 Ralph Mayne 5-26-98  
 Signature Date

**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
 NEAR WHAT ROAD Rt. 97  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH SOUTH WEST EAST  
 DISTANCE FROM ROAD 1500  
 ENTER FT or MI 1/4  
 34 37 38 39

**B 2** WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) 5  
 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)

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**  
 Howard Co A57313  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE DATE ISSUED 060298  
 CO SIGNATURE 4/11 Miller 6/2/99  
 EXP. DATE  
 NORTH GRID 525000 EAST GRID 790000  
 50 55 57 63

APPROXIMATE DEPTH OF WELL 50 FEET  
 24 28

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

**METHOD OF DRILLING (circle one)**  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 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  
 790  
 525  
 000  
 000  
 9:00 6-11-98  
 6/11/98  
 NO INSP  
 AC

**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  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 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  
 N  
 Country Side Dr.  
 APPROX 1500'  
 97

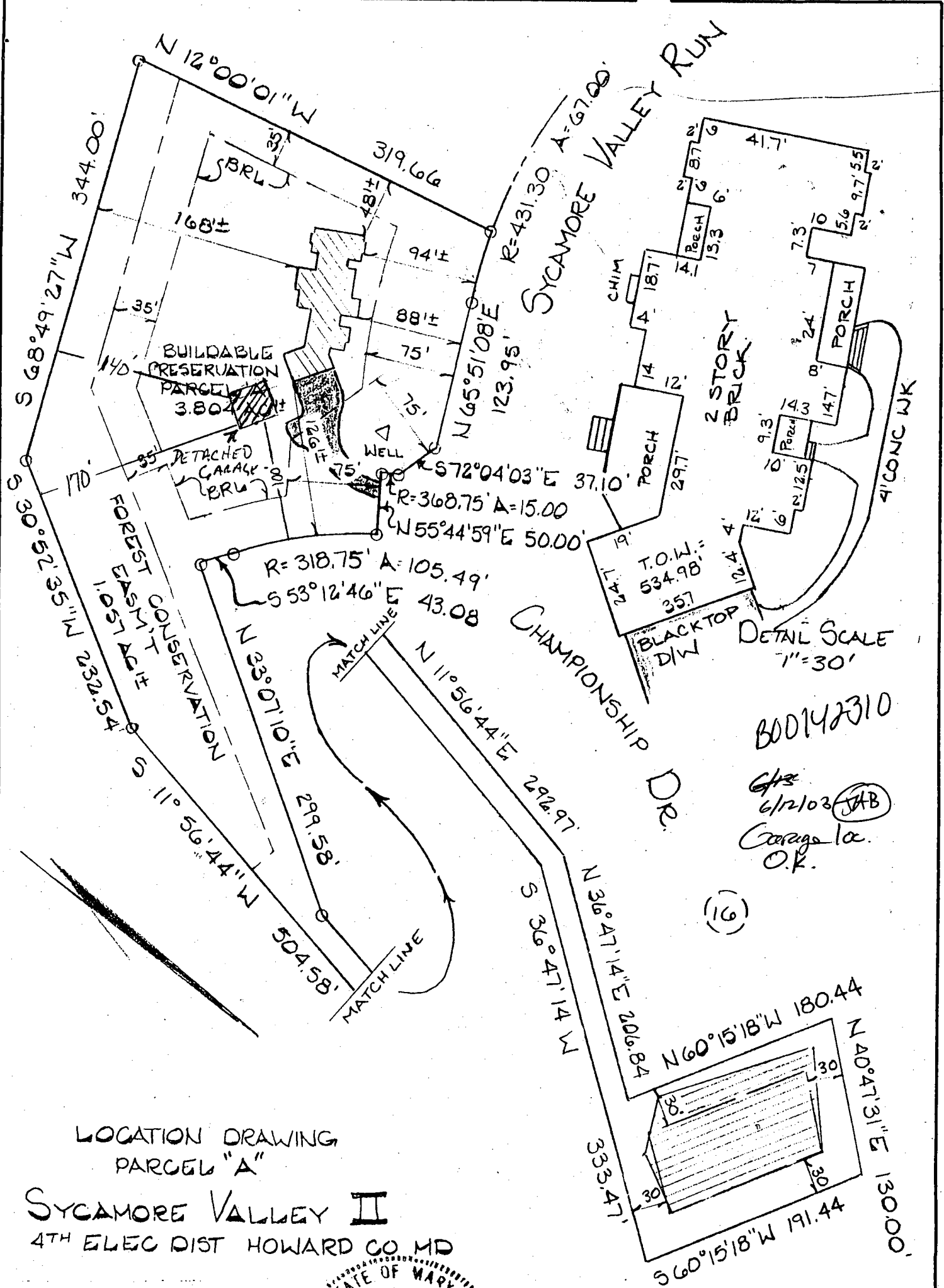
**Not to be filled in by driller (OEP USE ONLY)**  
 APPROP. PERMIT NUMBER GAP  
 FORCE M WRITE INITIALS IN BOX PERMIT No. HO-94-1565  
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS



ATTN: Heidi

Frank's house



LOCATION DRAWING  
PARCEL "A"

**SYCAMORE VALLEY II**  
4TH ELEC DIST HOWARD CO MD



UPDATE 10-28-99

I hereby certify that I have surveyed the property shown hereon for the sole purpose of locating the improvements. This plan is a benefit to the consumer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. It is not to be relied upon for the establishment of boundary, easement or right-of-way lines for any reason, such as the location of fences, garages, buildings, or other existing or future improvements.

By Dennis E. Meckley Date 5/20/99  
Dennis E. Meckley Property Line  
Surveyor No. 10844

The improvements shown hereon lie within Flood Hazard Zone "C", (area of minimal flooding), as designated on National Flood Insurance Program Flood Insurance Rate Map, Panel 22 of 45 Community-Panel Number 220022R prepared by the Federal Emergency Management Agency.

# CLSI

Carroll Land Services  
Incorporated  
Engineers • Surveyors • Land Development Consultants  
Landscape Architects • Environmental Specialists  
439 East Main Street Westminster, MD 21157-5539  
(410) 876-2017 FAX (410) 876-0009

DRAWN BY: J.R.
DESIGN BY:
REVIEW BY: D.E.M
DATE: 5/14/99
SCALE: 1"=100'
JOB NO: 98201
SHEET: 10E1