

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

* Time Expired for F.C.O.D.
Compliance

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Cattail Creek Country Club LOT 45 ROAD 3643 Sycamore Valley Run

PROPERTY OWNER Altieri Homes, Inc. DEVON BROWN

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 130 feet down the right lot line (320.00') and 120 feet off that same lot line when facing the lot from Sycamore Valley Run. Run trenches on contour toward the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10/28/94 OKS

PLANS APPROVED BY Amy McMillen DATE 09/27/94

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

Final

P 50414

A 43270

DISTRICT 4th

DATE 11/28/94

DATE SYSTEM APPROVED 12/21/94

INSPECTOR C.B. Ch.

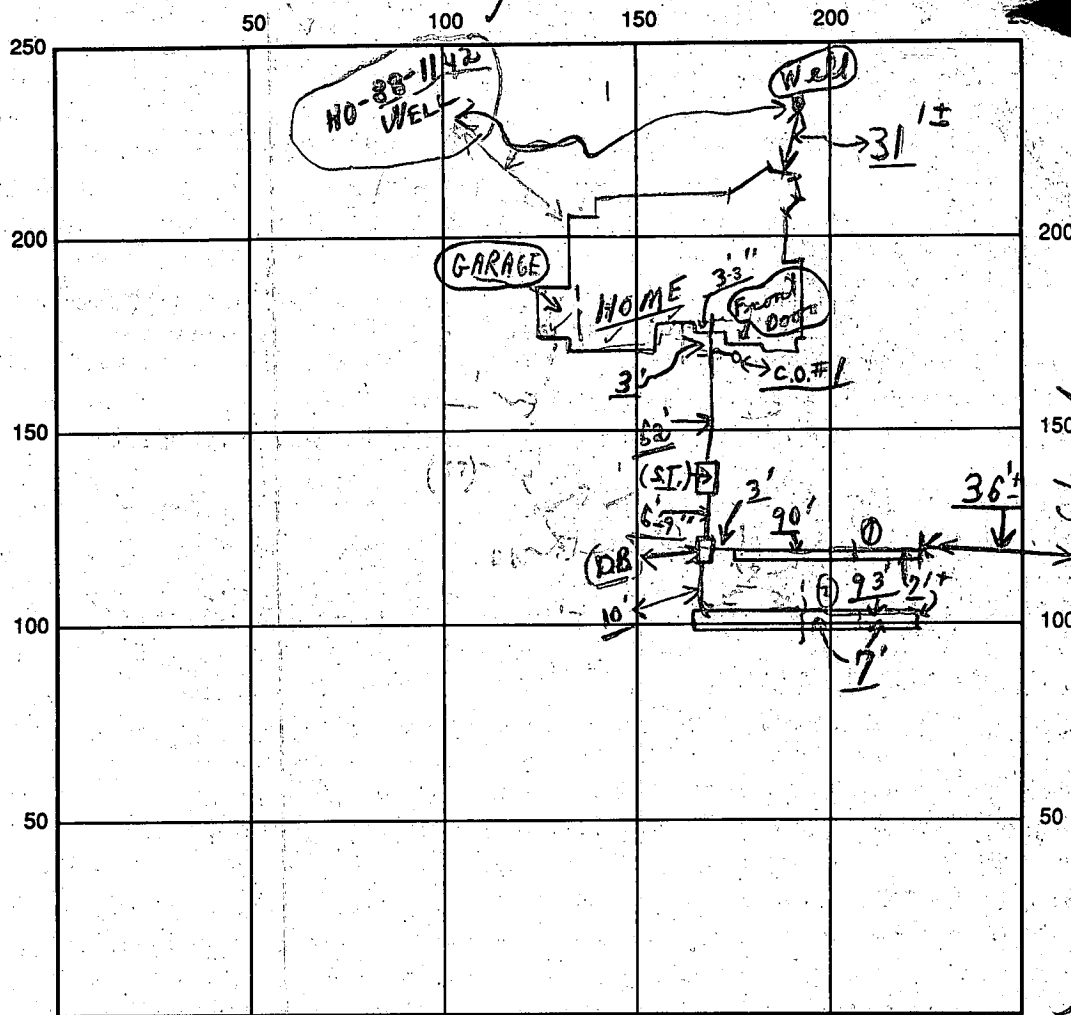
REQ. PERMIT SIGNED

AND RETURNED 10-27-99

Serial # 10120963

Gazeta.

A 43270



(New +
Epist
Home)

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SYCAMORE VALLEY RUN

SEPTIC TANK LEVEL OK CLEANOUTS S.T. OK | C.O. #1 OK
 DISTRIBUTION BOX LEVEL OK (Baffle in) (Needs plug)
 DRAIN FIELD/TITLE DEPTH 7+ average FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.
 EFFECTIVE GRAVEL DEPTH 4+ FT. TOTAL LENGTH [0 90'; @ 93'] (183') FT.
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 732 SQ. FT.
 DRYWALL INSIDE DIAMETER ~ FT. EFFECTIVE DEPTH BELOW INLET ~ FT.
 ABSORBENT AREA 732 SQ. FT.

REMARKS: 12/21/94 (A.M.) Final, one stop, ok to cover trenches
etc. as finish, material on site; cbs

(12/21/94 W.P.I. Final exp)
 Note: No cracks; some scratches in plastic pipe of well)
 DATE SYSTEM APPROVED 12/21/94 INSPECTOR Charles B. Starker

APPLICATION

PERCOLATION TESTING

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

A 43270

P _____

DISTRICT 4

DATE 12/9/88

TO THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT OR RECONSTRUCT A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Attler Farms Inc C/O Land Design + Development

ADDRESS 8307 Main St PHONE 910-796-5206
461-4600

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Clark Sycamore Valley LOT NO. 45 final
3B New #28

ROAD AND DESCRIPTION Roxbury + Dorsey Mill

TAX MAP 21 PARCEL # 6

SIZE OF LOT 4.05 AC TYPE BLDG. SFD
(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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED

AND RETURNED

Serial # 57567-SFD

4 Bmw

THIS IS NOT A PERMIT

A # 43270

#33

(New # 28)
HOLD 6/12

Blue
Note



Start
Eyes shoot

SOIL PROFILE

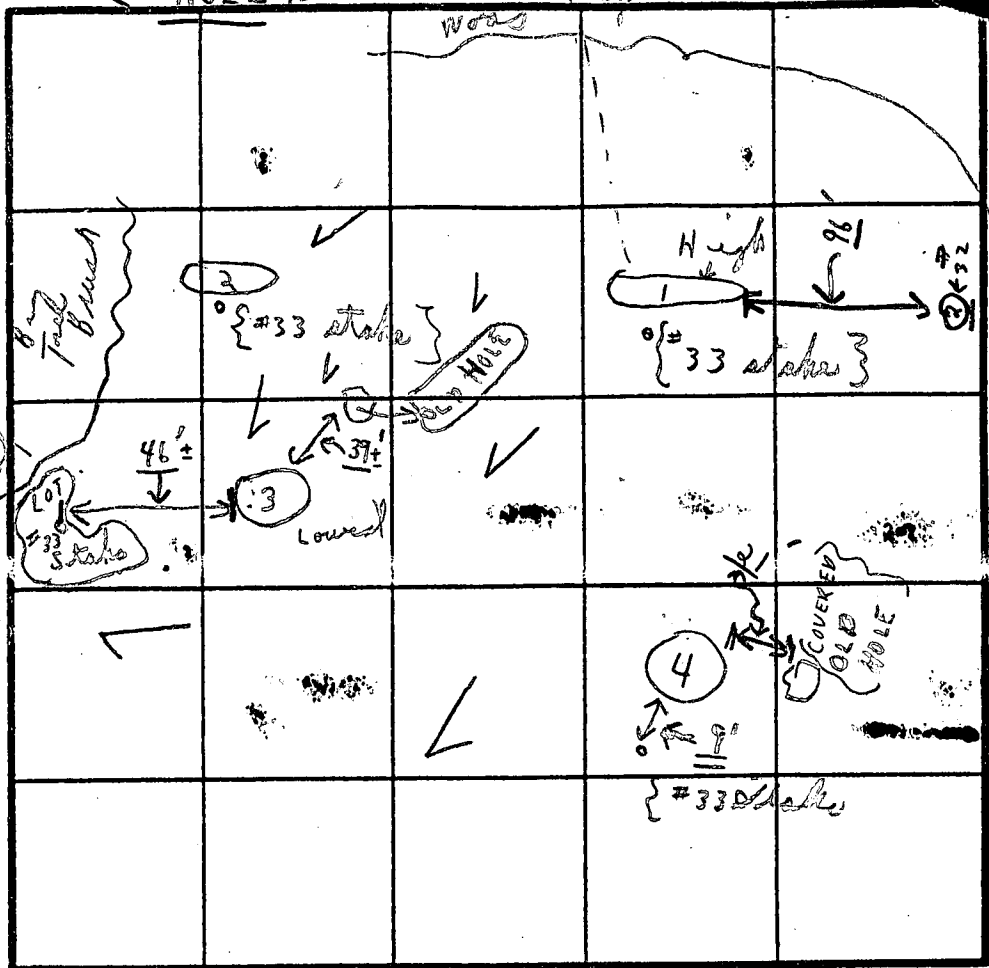
SNOW

CLAY

ALL
SANDY
LOAM

To =

BOTTOM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/11	①	3'	12:53	12:55	12:55	12:57	2 in
Wed	①	7 1/2'	12:50	12:52	12:52	12:54	2 in
4th	②	11-2 1/2'	Clay	:	:	:	
	②		2 1/2'±	9	LO AM	[30%±	← some small stones
	③	3'	1:00	1:04	1:04	1:12	8 min
	③	14'					Sandy loam
	④	3 1/2'	12:47	12:49	12:49	12:51	2 in
	④	10'	Visual		LO AM		

REMARKS

7/11 Tests in open; tests per stake or Muddy as noted

TYPE OF SOIL

TESTED BY

C. B. 2

ALSO PRESENT

{ Same as yesterday No cross

SEQUENCE NO.
(DENV 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

A # 43270

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37
H0-68-1142

OWNER SYCAMORE VALLEY PARTNERSHIP
last name SYCAMORE VALLEY first name RDN TOWN GLENELL
SUBDIVISION SYCAMORE VALLEY SECTION 1 LOT # 245

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

Topsoil 0 2
Shale 2 16
Sandstone 10 15
Mika 15 25
Sandstone 30 35
Mika 35 50
Sandstone 50 55
Mika 55 155
Sandstone 155 160
Mika 160 165

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 5 NO. OF POUNDS 500

GALLONS OF WATER 30
DEPTH OF GROUT SEAL (to nearest foot)

from 48 ft. to 15 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

PL 1 21
60 61 63 64 66 70

OTHER CASING (if used)

diameter depth (feet)
inch from to

EACH CASING

screen type
or open hole

SCREEN RECORD

insert
appropriate
code
below

ST BR HO
STEEL BRASS OPEN
PL OT
PLASTIC HOLE
OTHER

C2

DEPTH (nearest ft.)

1 H0 21 144
8 9 11 15 47 21
2 23 24 26 30 32 36
3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

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

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

OEP 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

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 10

METHOD USED TO MEASURE PUMPING RATE Buck

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30

WHEN PUMPING 35

TYPE OF PUMP USED (for test)

A air P piston T turbine
27 27 27
C centrifugal R rotary O other (describe below)
27 27 27
J jet S submersible
27 27

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

+ above

- below

LAND SURFACE

(nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS, AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

Sycamore Valley P. 30' x 40' well
2000
Mar 11/44 CT

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

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 IDENT. NO. 453

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

101-0033
FAX 313-2640 313-2640
APPLICATION FOR PITLESS ADAPTER WELL PUMP AND PRESSURE TANK INSTALLATION
LINE

New Installation ☒
Replacement ☐

Receipt #
Date 12/20/94

Name of Installer ROBT. L. FREEZER (O. F. F.) Telephone 781-4655

License Number 2172
Certified Well Pump Installer ☒ Well Driller ☐ Registered Plumber ☒

Name of Property Owner ALIENI HOUSES Telephone 755-1405
Subdivision CATHARINE CREEK Lot # 45 Well Tag # 40-88-1142
Site Address

Pump Motor Pitless Adapter
1. Type 1. Horsepower 1/2 1. Make Hayward
a. Deep well jet 2. RPM 3450 2. Model # 77800
b. Shallow well jet 3. Voltage 42"
c. Submersible a. 110
2. Make ABLINGTON 2. 220
3. Model # A-8-50
4. Capacity 8 GPM
5. Pump exceeds well capacity Yes ☐ No ☒
6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☐ Cable guards ☒ Other ☐

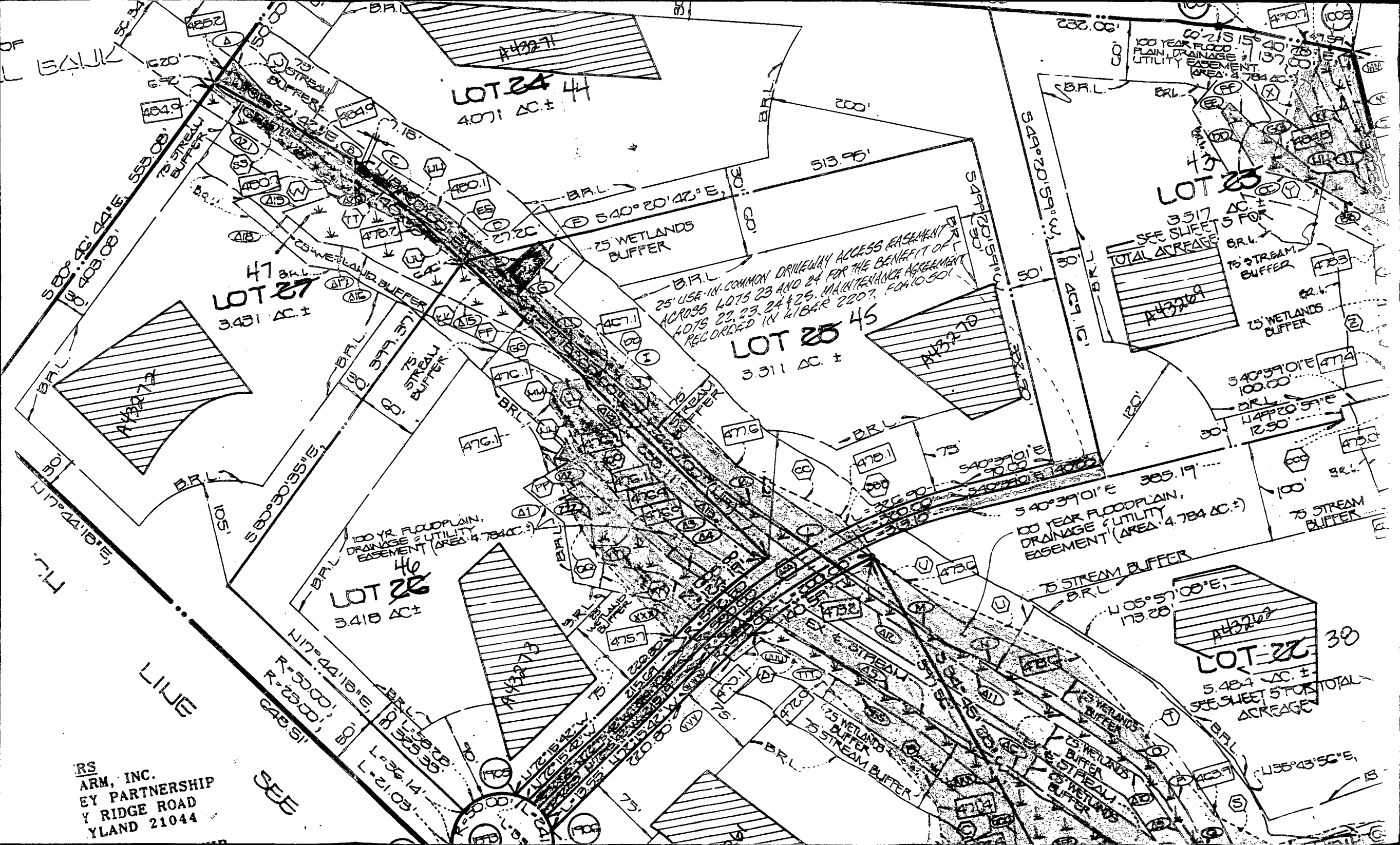
Tank W-205 CATHARINE CREEK Piping Well data
1. Capacity 36 GRS 1. Type 704 1. Depth 165 ft.
2. Pressure relief 2. Size 1" 2. Yield 12 GPM
valve? 10 3. NSF and/or BOCA 3. Static water
Code approved 10 level ☐ ft.
4. Depth of supply 4. Will water supply
line 42" be disinfected by
installer? 10

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.
Signature of Applicant: [Signature] Date: 12/20/94

ORANGE
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-218 Note: ON 12/21/94 area at water well seen only C.B.D.



LOT 24 44
4.071 AC. ±

LOT 27
3.431 AC. ±

LOT 25 45
3.311 AC. ±

LOT 23
3.517 AC. ±

LOT 26 46
3.418 AC. ±

LOT 22 38
5.484 AC. ±

RS
ARM, INC.
EY PARTNERSHIP
Y RIDGE ROAD
YLAND 21044

SEE

25' USE-IN-COMMON DRIVEWAY ACCESS EASEMENT
ACROSS LOTS 23 AND 24 FOR THE BENEFIT OF
LOTS 22, 23, 24 & 25. MAINTENANCE AGREEMENT
RECORDED IN LIBER 2207, FOLIO 501

TOTAL ACRES
SEE SHEET 5 FOR

100 YEAR FLOODPLAIN,
DRAINAGE & UTILITY
EASEMENT (AREA: 4.784 AC. ±)

SEE SHEET 5 FOR TOTAL
ACRES

REPORT DATE: Mar 3, 1995

County Howard

Lab Number 95-0766

Sample iced Yes
Residual Cl₂ <0.1 mg/L

cc: County Health Dept. Yes

CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality
Laboratory No. 115

REQUESTER: Altieri Homes
Attn: Tony
7349 Gardenview Drive
Baltimore, Maryland 21227

Property Sampled: U&O: 3643 Sycamore Valley Run

Station Sampled: Lauandry tub - lower

Date/Time Sampled: Mar 2, 1995 2:35 pm

Owner, Telephone No.: Brown

Subdivision Name: Cattail Creek

Building Permit No.: 56567

Well Number: HO-88-1142

Tax Map #:

Parcel #:

Sampler: E. Hause #94-312

Lot Number: 45

Observation: Satisfactory
2-piece cap

RESULTS OF ANALYSIS:

Parameter	Result	Method	MCL	
Nitrate	7.6 mg/L as N ✓	ISE	10.0 mg/L as N	Pass
Turbidity	7.0 NTU ✓	EPA 180.1	10.0 NTU	Pass
pH	6.0 Units ✓	EPA 150.1	6.5-8.5 Units	
Sand	Negative ✓		Negative	
Total Coliform	Absent ✓	ONPG-MMO MUG	Absent	Pass

Based upon coliform bacteriological standards, the above results indicate that at the time the sample was collected, this water sample was SAFE for drinking purposes.

Heather R. Beam

Heather R. Beam

ENGINEER'S CERTIFICATE

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

SIGNATURE OF ENGINEER

DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER

DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT

DATE

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

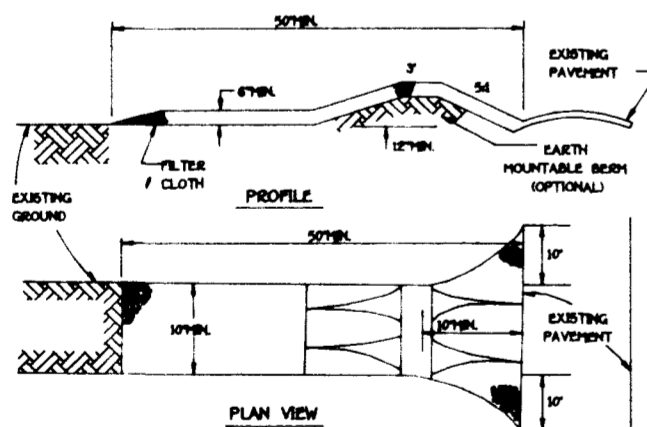
DISTRICT HOWARD SOIL CONSERVATION DIST.

DATE

SEEDING CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL GREATER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT BASINS, SEDIMENT TRAPS, AND SEDIMENT TRAPPIES SHALL BE 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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOO (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED 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 PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

TOTAL AREA OF SITE	3.125 ACRES
AREA DISTURBED	0.41 ACRES
AREA TO BE ROOFED OR PAVED	0.11 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.3 ACRES
TOTAL CUT	CU YDS.
TOTAL FILL	CU YDS.
- OFF-SITE WASTE/BORROW AREA LOCATION
- 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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW 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 PERIMETER 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.



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- THICKNESS - NOT LESS THAN 6 INCHES.
- WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INCREASES OR DECREASES OCCUR.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PREPARED ACCORDING TO THE ENTRANCE. IF PAVING IS IMPRACTICAL, A MOUNTABLE BUSH WITH 34 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRUCKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLES, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

SEQUENCE OF CONSTRUCTION

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

TEMPORARY SEEDING NOTES

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

SEEDING PREPARATION

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

SOIL AMENDMENTS

APPLY 500 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 29, 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 GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (10 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1986 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

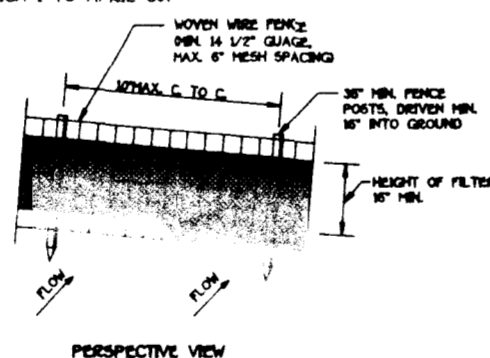
SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (15 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 29, PROTECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOO; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.

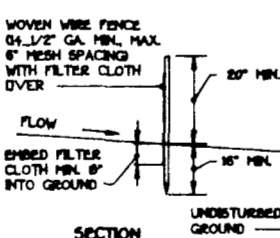
MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (90 TO 100 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (10 GAL./1000 SQ.FT.) FOR ANCHORING.

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

* FOR PUBLIC PONDS SUBSTITUTE CHEWING GROWN VETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 10 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



PERSPECTIVE VIEW



SECTION

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

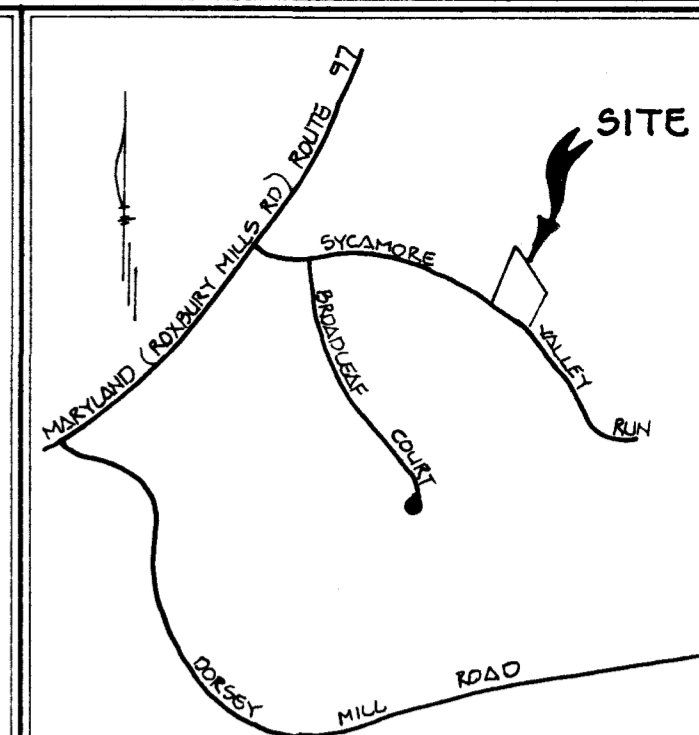
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OF STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>

SILT FENCE

NOT TO SCALE

100 YEAR FLOODPLAIN DRAINAGE AND UTILITY EASEMENT

SYCAMORE VALLEY RUN



VICINITY MAP

SCALE: 1"=100'

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No. A 43270
- PROPOSED 1500 GALLON SEPTIC TANK:
 - FIRST FLOOR ELEVATION: 515.50
 - BASEMENT ELEVATION: 504.50
 - INVERT OF SEPTIC SYSTEM AT HOUSE: 504.0
 - INVERT IN AT SEPTIC TANK: 503.70
 - INVERT OUT AT SEPTIC TANK: 503.40
 - PROPOSED GRADE OVER SEPTIC TANK: 504.0
 - INVERT AT DISTRIBUTION BOX: 503.0
 - EXISTING GROUND OVER DISTRIBUTION BOX: 504.0
 - LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

MANHOLE 410 REQUIRED AT SEPTIC TANK

Approved Septic System Plan
Howard County Health Department

Signature: *Ann M. Mullen* Date: 9-27-94

PLAN TO ACCOMPANY APPLICATION
FOR BUILDING PERMIT
CATTAIL CREEK COUNTRY CLUB

LOT 45

TAX MAP 21
FOURTH ELECTION DIST.
SCALE: 1" = 50'

ZONED: R

PART OF PARCEL G
HOWARD COUNTY, MARYLAND
DATE: SEPTEMBER 14, 1994

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
9171 BALTIMORE NATIONAL PIKE, SUITE 100
ELLICOTT CITY, MARYLAND 21042
(410) 461-2855

TOP FOUNDATION
ELEVATION = 515.31

SCALE: 1" = 100'

LOT 44

LOT 44

N 40° 20' 42" W

513.95'

25' WETLANDS
BUFFER

50' from
Well to Gazebo
LOT 45

EAST. Well

GRAVEL
DRIVE

EX PRIVATE
SEWERAGE
DISPOSAL
EASEMENT

MAC DRIVE
APPEARS TO
BE USE-IN-
COMMON

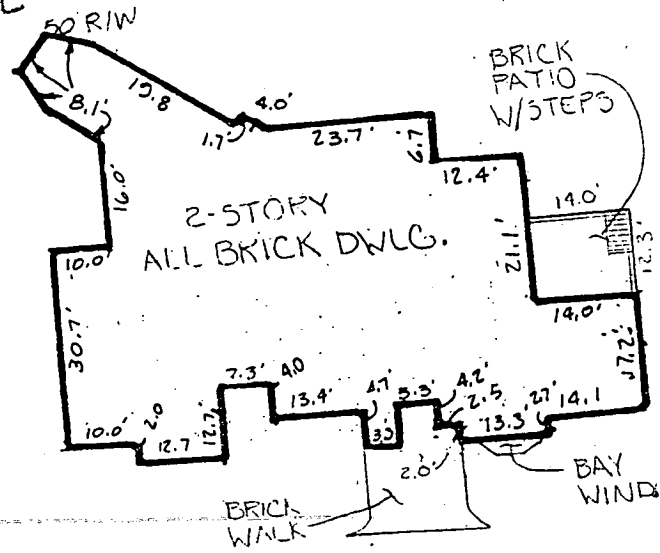
LOT 46

100 YR.
FLOODPLAIN
DRAINAGE &
UTILITY EASEMENT

SYCAMORE VALLEY RUN

10/27/99
Proposed gazebo location
OK as shown (DKS)

Subject property is shown in Zone C
on the National Flood Insurance Program
Flood Insurance Rate Map of Howard
Maryland, Panel No. 20 of 45
1004400208



DETAIL