

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-351193

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXXXXX

410-313-2640

INDEXED

8/13/98 Needs pump check

P 510244

A 43274

DISTRICT 4th

DATE 7-7-98

DATE SYSTEM APPROVED 11/17/98

INSPECTOR DKS

Cumberland & Co., Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 16391 A.E. Mullinix Rd, Woodbine, MD 21797

PHONE 301-854-6838

SUBDIVISION Cattail Creek Country Club LOT 28 ROAD 3625 Sycamore Valley Run

PROPERTY OWNER Francis & Lisa Difordinando

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS TOP SEAMED TANK

PUMPED SEPTIC SYSTEM REQUIRED

INSTALL: 1-1000 Gallon Top Seamed Pump Chamber.

NUMBER OF BEDROOMS 3

NOTE 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

180 SQUARE FEET PER BEDROOM

NOTE 2: Pump performance test is necessary prior to Health Department approval of pump septic system.

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 350 feet down the left lot line and 120 feet off this same lot line as seen when facing the lot from Sycamore Valley Run. Run trenches along contour towards 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 4-28-98

PLANS APPROVED BY Donna K. Soe

DATE 04/24/98

COVER NO WORK UNTIL INSPECTED AND APPROVED

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

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

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

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

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

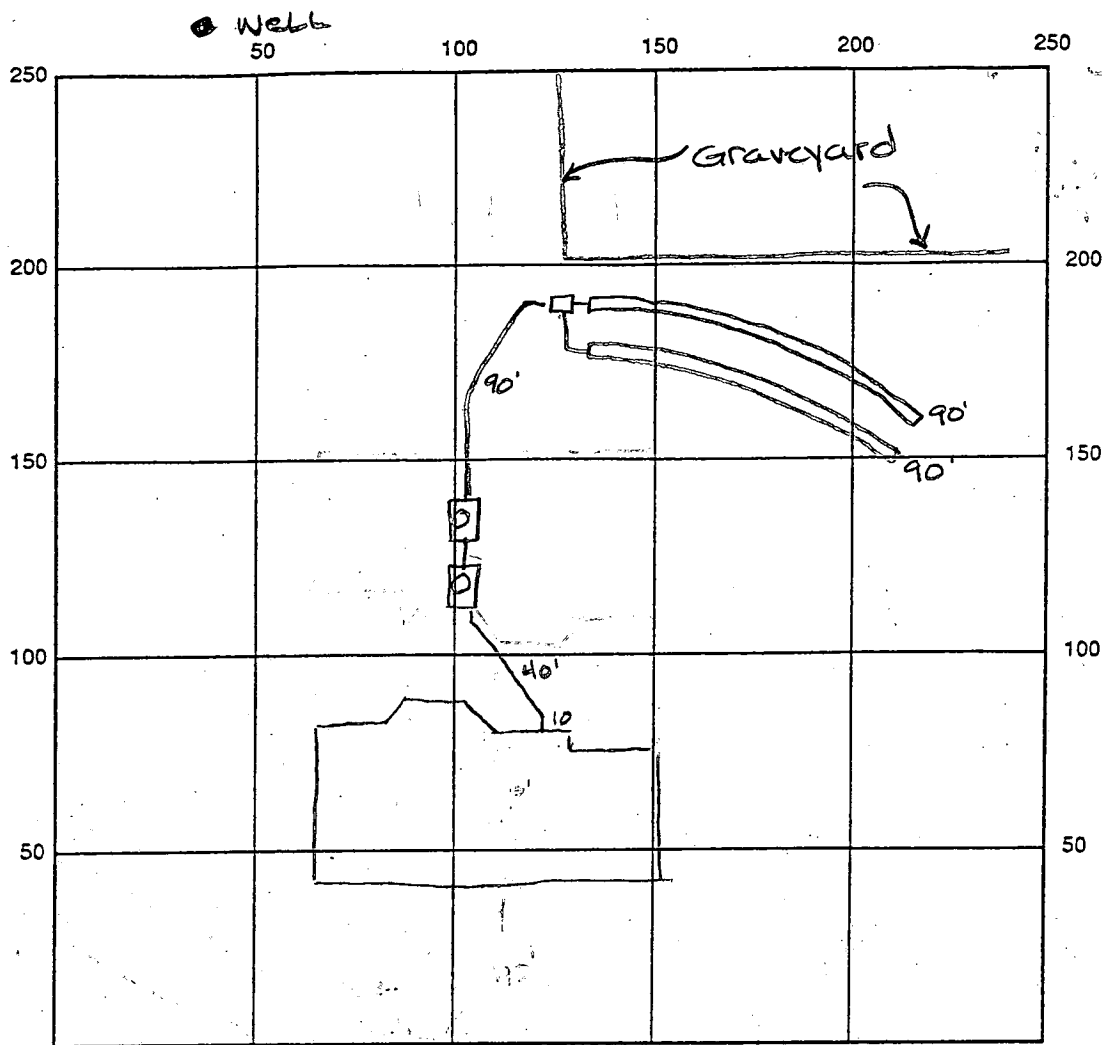
PERMIT VOID AFTER TWO YEARS

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

A 43274



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Sycamore Valley Run

SEPTIC TANK LEVEL OK 1000 gal top sealed tank CLEANOUTS manhole

DISTRIBUTION BOX LEVEL OK baffle ^{pump chamber} 15 in

DRAIN FIELD/TITLE DEPTH 6.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 4.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT. ¹⁹²

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET 2 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 8/13/98 OK to cover all work - call for pump performance test ALM

^{4/11/98} WPI Pitless 4.5' below grade, casing 1.2' a.g., needs 2pc cap. DKS

DATE SYSTEM APPROVED _____ INSPECTOR _____

4/16/97

APPLICATION

PERCOLATION TESTING

A 58086

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

DATE 4-16-97

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 Lisa Diferdinando c/o Land Design & Development

ADDRESS 10000 Woking Ridge Rd Site 25 PHONE 740-2100

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cattail Creek LOT NO. 28

ROAD AND DESCRIPTION (3625 Sycamore Valley Run)

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3 acre TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGN

AND RETURNED

4-24-98
Serial # 580117897
Single - 3 Bm

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 _____

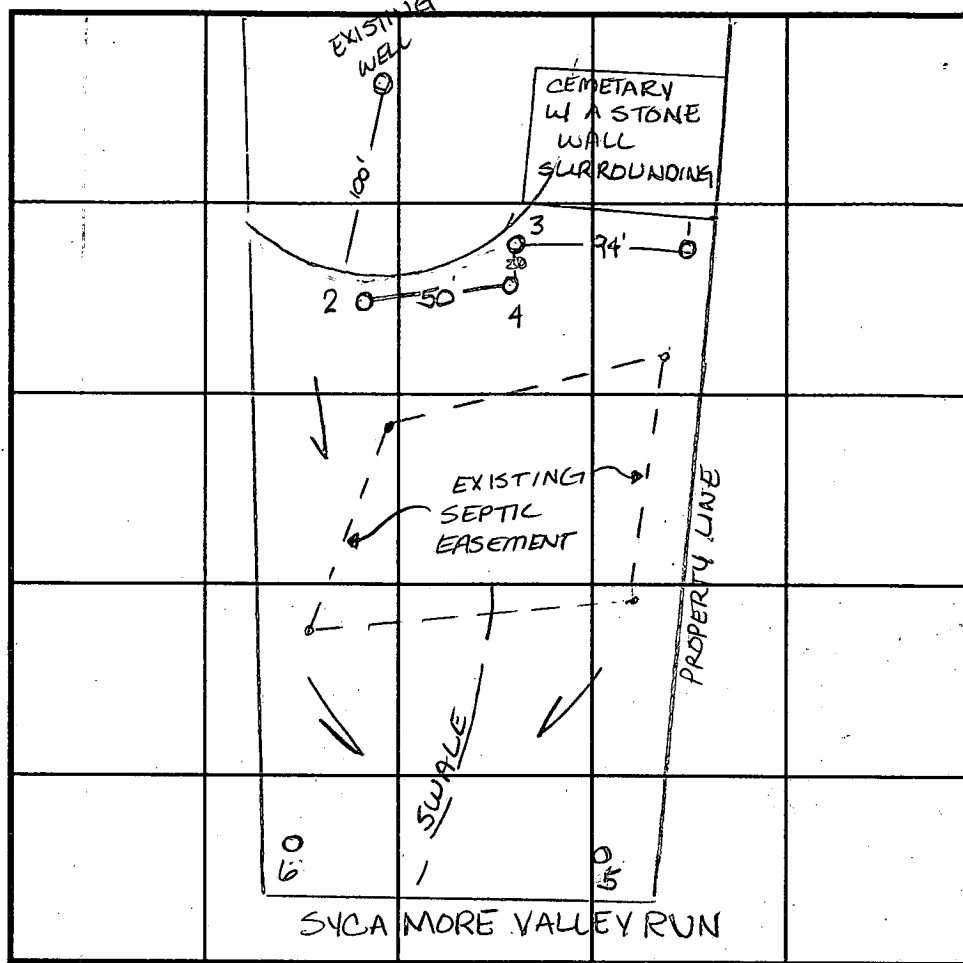
THIS IS NOT A PERMIT

58086
COUNTY #

SOIL PROFILE

0'
bright
orange
brown
silt/clm
4.0
yellow
orange
silt/clm
very
bright
no
rock
11.0

4
brown
orange
silt/clm
3.0
beige
brown
silt/clm
10%
Rock
very
decayed
hard but
diggable
10.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Post-it Fax Note 7671
To: Keith
From: Amy
Date: 12/15/97
of pages: 1
Phone #: Cathal Creek Co.
Fax #: Lot 28

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-16-97	1	5.0 vii.5	10:22	10:23 ³⁰	10:23 ³⁰	10:30	6 1/2 min
	2	Refusal at	6.0	—	—	—	F
	3	Refusal at	7.0	—	—	—	F
	4	5.0 vii.0	11:56 ³⁰	11:58	11:58	12:02	4 min
	5	H ₂ O at 6.0-	insufficient depth to H ₂ O				F
	6	H ₂ O at 7.0-	insufficient depth to H ₂ O				F

REMARKS Locate holes then adjust house as necessary to relocate SDA uphill of house

TYPE OF SOIL _____

TESTED BY Amy McMillen

ALSO PRESENT Don Rewer

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

TRENCH WIDTH _____

INLET DEPTH _____

MAXIMUM BOTTOM DEPTH _____

SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

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

A 93274
P _____
DISTRICT 4
DATE 12/9/88

TO THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER -gewood Farm Inc C/O Land Design + Development

ADDRESS 8307 Main St PHONE 461-4600

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Clark Spangor Valley LOT NO. 37 28 final New #31

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.

Mal D. Ken
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

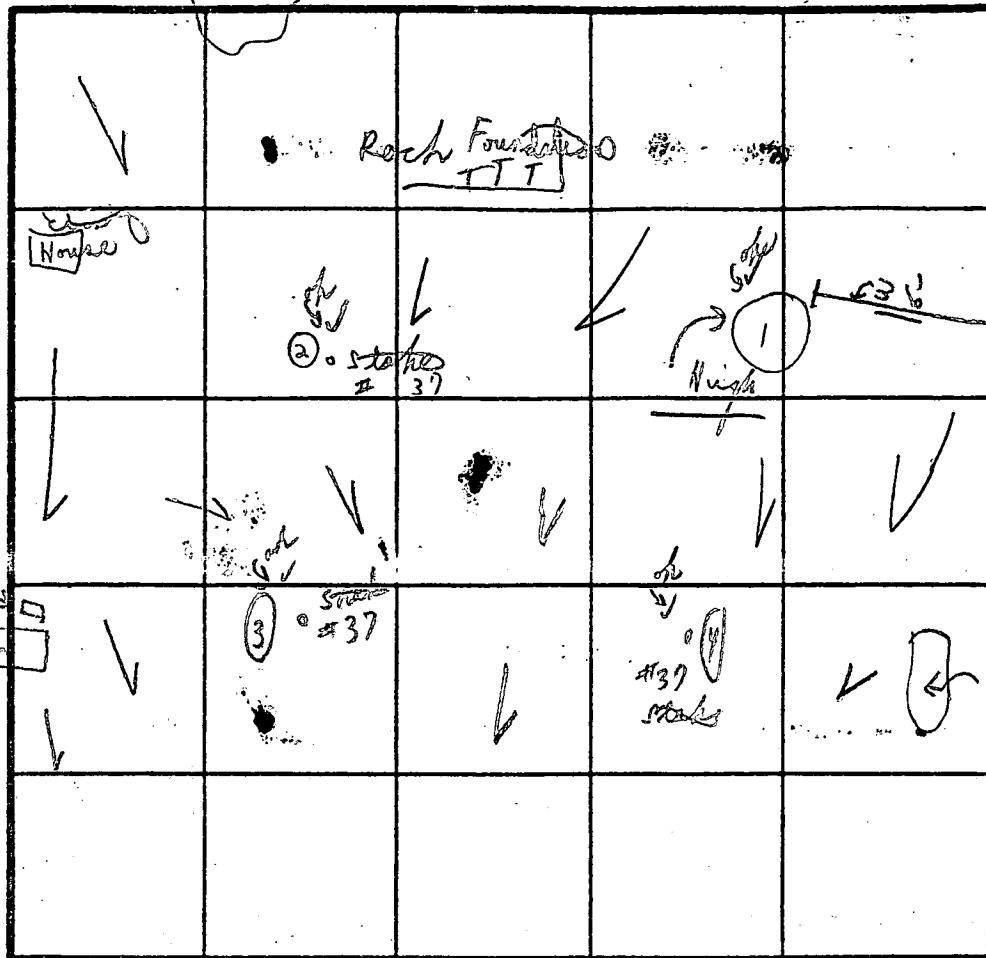
THIS IS NOT A PERMIT

A #43274

437

SOIL PROFILE

SNOW
CLAY
LOAM
is
Parker
in
all
holes



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

10 minutes =
average
time

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-4 1/2' clay	1/10/89	6'	3:00	3:02	3:02	3:06	4m
4 1/2'-12' LOAM	1	9'	3:01	3:03	3:03	3:06	3m
1'-5 1/2' clay	2		3:04	3:06	3:06	3:10	
5 1/2'-12' LOAM	2		Visual		5 1/2'-12' LOAM		
1'-6' clay	3	6'	3:10	3:14	3:14	3:19	5m
6'-13' LOAM	3	13'		LOAM	Reddish		
1'-6' clay	4	6'	3:12	3:14	3:14	3:24	10m
6'-12' 1/4" LOAM	4	12' 1/4"		LOAM	LOAM		

REMARKS

1/10 Tests in open, tests per stake

TYPE OF SOIL

TESTED BY

C.R.A.

ALSO PRESENT

{See #12 + 13}

C1 1343 SEQUENCE NO. (DENV USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS)

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 #43274

ST/CO ONLY DATE Received DATE WELL COMPLETED 042470 Depth of Well 22 225 26 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-08-1219

OWNER SYCAMORE VALLEY PARTNERSHIP last name first name SYCAMORE VALLEY TOWN GLENELG
STREET OR RFD SUBDIVISION SYCAMORE VALLEY SECTION 1 LOT 28 32

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
Top Soil	0	2
Shale	2	10
Mika	10	30
Sandstone	30	35
Mika	35	70
Sandstone	70	75
Mika	75	180
Sandstone	180	185
Mika	185	225

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)
TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 5 NO. OF POUNDS 500
GALLONS OF WATER 211
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 15 ft.

CASING RECORD
casing types insert appropriate code below
STEEL (ST) CONCRETE (CO)
PLASTIC (PL) OTHER (OT)
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
PL 1 21

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

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

DEPTH (nearest ft.)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) from to

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
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
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

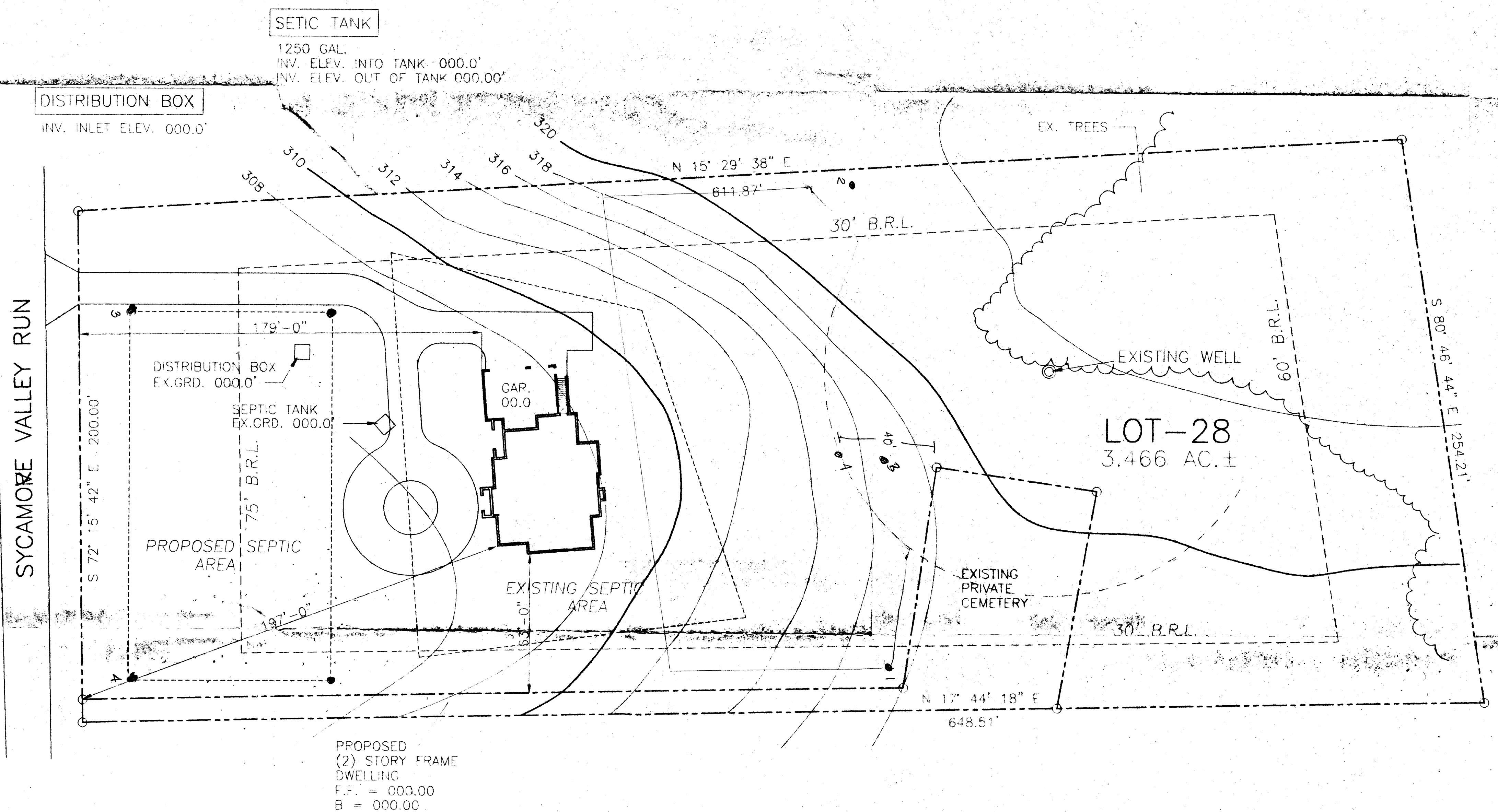
PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 7
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 120
TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED
DRILLER 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) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE (nearest foot) 1

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 Run 400
1200

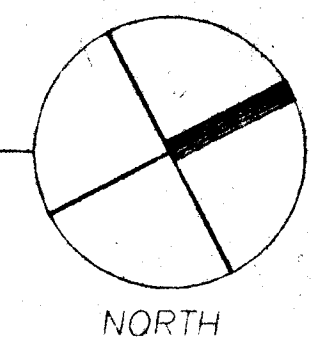
B 1 2204	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER H0-88-1219 <small>fill in this form completely.</small>
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			
OWNER INFORMATION Date Received (APA) 110/189 <div style="border: 1px solid black; padding: 2px;"> SYCAMORE VALLEY PART <small>15 Last Name Owner First Name</small> </div> <div style="border: 1px solid black; padding: 2px;"> 8307 MAIN STREET <small>36 Street or RFD</small> </div> <div style="border: 1px solid black; padding: 2px;"> ELLICOTT CITY MD 21043 <small>57 Town 70 State 72 Zip 76</small> </div>		LOCATION OF WELL B 3 <div style="border: 1px solid black; padding: 2px;"> HOWARD <small>8 COUNTY</small> </div> <div style="border: 1px solid black; padding: 2px;"> SYCAMORE VALLEY <small>23 SUBDIVISION</small> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;"> SECTION 1 <small>44 46</small> </div> <div style="border: 1px solid black; padding: 2px;"> LOT 28 <small>48 50</small> </div> </div> <div style="border: 1px solid black; padding: 2px;"> GLENELG <small>52 NEAREST TOWN</small> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;"> MILES FROM TOWN (enter 0 if in town) 2 <small>73 76 77 78</small> </div> <div style="border: 1px solid black; padding: 2px;"> MI <small>73 76 77 78</small> </div> </div>	
DRILLER INFORMATION Driller's Name FRANK DELPH 453 <small>77 License No. 80</small> Firm Name FRANK DELPH WELL DRILLERS INC. Address 12234 PENNSHOP RD MT AIRY MD Signature Frank Delph 10/23/89 <small>Date</small>		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
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>		NEAR WHAT ROAD Sycamore Valley Run <small>11 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> NORTH W SOUTH </div> <div style="text-align: center;"> E S WEST </div> </div> DISTANCE FROM ROAD 400 <small>34 37</small> ENTER FT OR MI ft <small>38 39</small>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <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)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. 43274 STATE SIGNATURE _____ DATE ISSUED _____ CO SIGNATURE Charles Bryan 10/22/90 <small>43 48 EXP. DATE</small> NORTH GRID 523000 EAST GRID 079000 <small>50 55 57 63</small>	
APPROXIMATE DEPTH OF WELL 200 FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small>		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;"> E 788 90 N 522 3 </div> <div style="border: 1px solid black; padding: 2px;"> 000 000 </div> </div>	
METHOD OF DRILLING (circle one) BORED (or Augered) <input 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 checked="" type="checkbox"/> CABLE <input type="checkbox"/> REVerse-ROTary <input type="checkbox"/> Drive-POINT <input type="checkbox"/> 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 	
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 <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____ <small>41 52</small>		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ GAP _____ <small>54 63</small> FORCE CN WRITE INITIALS IN BOX PERMIT No. H0-88-1219 <small>67 68 70 71 72 73 74 75 76 77 78 79</small>	
SPECIAL CONDITIONS			

C:\V13\WIN\DIFFERDINAND001.dwg Sun Mar 16 20:17:04 1997



SITE PLAN

SCALE: 1" = 30'-0"



A

SITE PLAN

SCALE: 1" = 30'-0"

DIFERDINANDO RESIDENCE

LOT-28 SYCAMORE VALLEY RUN, CATTAL CREEK, HOWARD CO., MD.

PREPARED BY:
MARK J. BANDY, INC.
DATE: 3-15-97



A43274
P510244

HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

August 2, 2000

Mr. and Mrs. DiFerdinando
3625 Sycamore Valley Run
Glenwood, MD 21738

Re: Cattail Creek Country Club, Lot 28
3625 Sycamore Valley Run
Well Permit #: HO-88-1219

Dear Mr. and Mrs. DiFerdinando:

According to our records, this office issued a temporary deviation to the Code of Maryland Regulation (26.04.04) for the well serving your property in November of 1998. A temporary deviation was issued at your request, so that you would be granted a Use and Occupancy permit. This temporary deviation was for excess coliform bacteria which was present in the water supply according to the water sample results submitted to this office at that time.

For this office to issue a Final Certificate of Potability, (complete and official approval of the water supply) a second coliform free water sample must be obtained from the property. This second sample, required for compliance with Maryland's Well Construction Regulations (COMAR 26.04.04.09A (1), is to confirm that the water supply remains free of bacteriological contamination. If this was already taken care of in the past, this office never received the appropriate documentation from the lab.

It is encouraged that you contact the Community Environmental Program at (410) 313-1773 to schedule final sampling. Currently, there is no charge for this final sampling. If you have any questions regarding these issues, please call me at (410) 313-2669. Otherwise, you may call the Community Environmental Health Program to schedule final sampling.

Your prompt attention to this matter is appreciated.

Respectfully,
Steven R. Krieg
Steven R. Krieg, Sanitarian
Water and Sewerage Program

SRK

cc: Community Environmental Health Program
File ✓



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

November 13, 1998

Mr. and Mrs. Francis Diferdinando
3625 Sycamore Valley Run
Glenwood, Maryland 21738

RE: Cattail Creek Country Club, Lot #28
3625 Sycamore Valley Run
Well Permit #HO-88-1219

Dear Mr. and Mrs. Diferdinando:

This is to advise you that the septic system for the above referenced property received final approval on November 17, 1998.

This is a Temporary Deviation to the Code of Maryland Regulation (COMAR 26.04.04) to allow additional time for a well failing certification of potability to be brought into compliance with these regulations.

This certifies that bottled water will be used for drinking purposes in the interim period of time (fifteen days) to allow for additional disinfection procedures as described in Regulation COMAR 26.04.04.07N or to allow for the installation of an ultraviolet disinfection system.

By the end of the interim period (fifteen days), a determination shall be made by this office whether to accept the well as being in compliance with the bacteriological standard of Regulation 26.04.04.09B3a, or to grant a Permanent Deviation, or to issue an order that the well be abandoned and sealed.

Issuance of this Temporary Deviation is based on information submitted by the builder. By issuance of this letter, this office recommends release of the Use and Occupancy permit for the above referenced property.

Date of Well Completion: April 24, 1990

Approving Authority

Kimberly Maiste
Kimberly Maiste, Sanitarian
Water and Sewerage Program

KM

cc: Building Inspector's office
File

9.43'
3.54'
0.17'

RECORDED..... 5
RECORDED..... 1
RECORDED..... 6
RECORDED..... 19.010 AC.±
RECORDED..... 4.375 AC.±
RECORDED..... 0.807 AC.±
RECORDED..... 24.192 AC.±

1522500
E 770000

LOT 31
4.317 AC.±

25' USE-IN-COMMON DRIVEWAY
ACCESS EASEMENT ACROSS LOT 30
FOR THE BENEFIT OF LOTS 29, 30
AND 31. MAINTENANCE AGREE-
MENT RECORDED IN
LIBER 2297, FOLIO 492

LOT 28
3.400 AC.±

PRIVATE EASEMENT FOR
INGRESS, EGRESS AND
MAINTENANCE OF AN
EXISTING PRIVATE
CEMETERY.
MAINTENANCE OF PRIVATE
CEMETERY AND DRIVEWAY
ACCESS TO PRIVATE CEMETERY
WILL BE BY CATTAIL CREEK
COUNTRY CLUB, INC.

LOT 20
3.370 AC.±

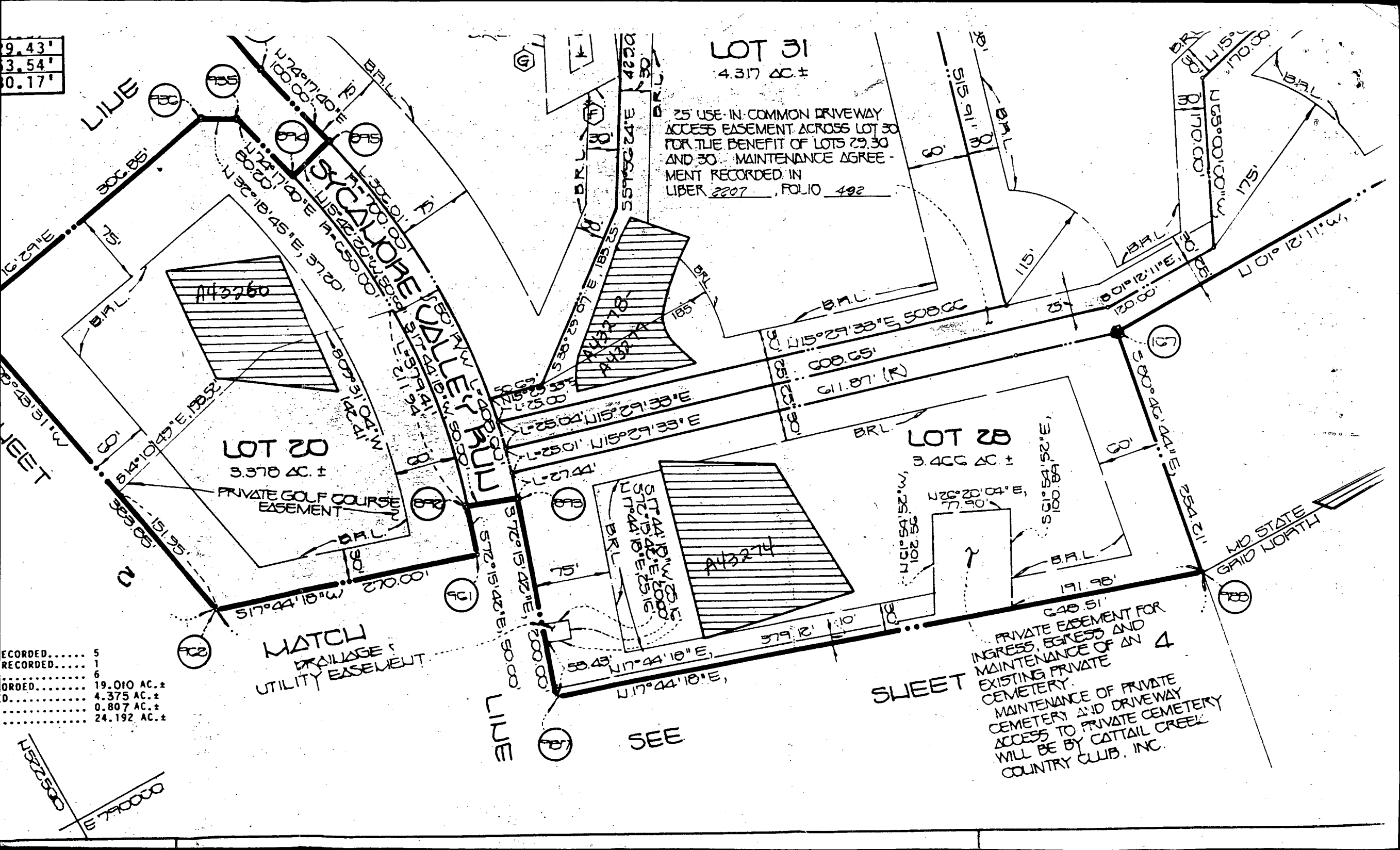
PRIVATE GOLF COURSE
EASEMENT

MATCH
DRAINAGE
UTILITY EASEMENT

SEE

SHEET

MD STATE
GRID NORTH





HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

November 13, 1998

Mr. and Mrs. Francis Diferdinando
3625 Sycamore Valley Run
Glenwood, Maryland 21738

RE: Cattail Creek Country Club, Lot #28
3625 Sycamore Valley Run
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This is to advise you that the septic system for the above referenced property received final approval on November 17, 1998.

This is a Temporary Deviation to the Code of Maryland Regulation (COMAR 26.04.04) to allow additional time for a well failing certification of potability to be brought into compliance with these regulations.

This certifies that bottled water will be used for drinking purposes in the interim period of time (fifteen days) to allow for additional disinfection procedures as described in Regulation COMAR 26.04.04.07N or to allow for the installation of an ultraviolet disinfection system.

By the end of the interim period (fifteen days), a determination shall be made by this office whether to accept the well as being in compliance with the bacteriological standard of Regulation 26.04.04.09B3a, or to grant a Permanent Deviation, or to issue an order that the well be abandoned and sealed.

Issuance of this Temporary Deviation is based on information submitted by the builder. By issuance of this letter, this office recommends release of the Use and Occupancy permit for the above referenced property.

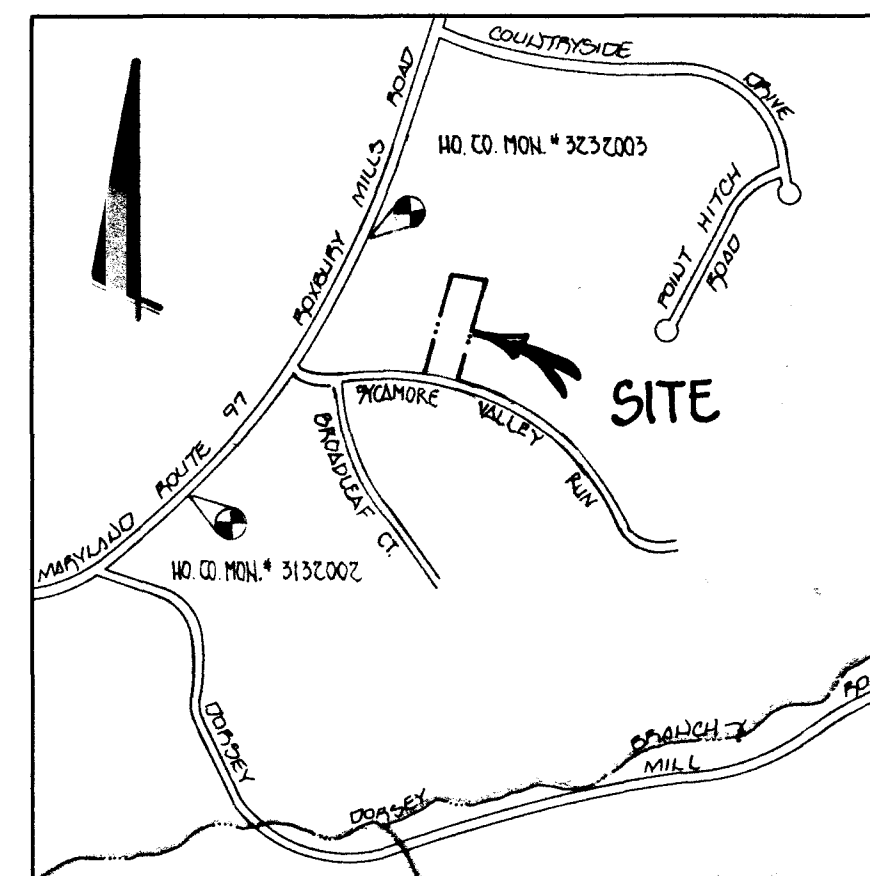
Date of Well Completion: April 24, 1990

Approving Authority

Kimberly Maiste
Kimberly Maiste, Sanitarian
Water and Sewerage Program

KM

cc: Building Inspector's office
File



VICINITY MAP
SCALE: 1" = 1200'

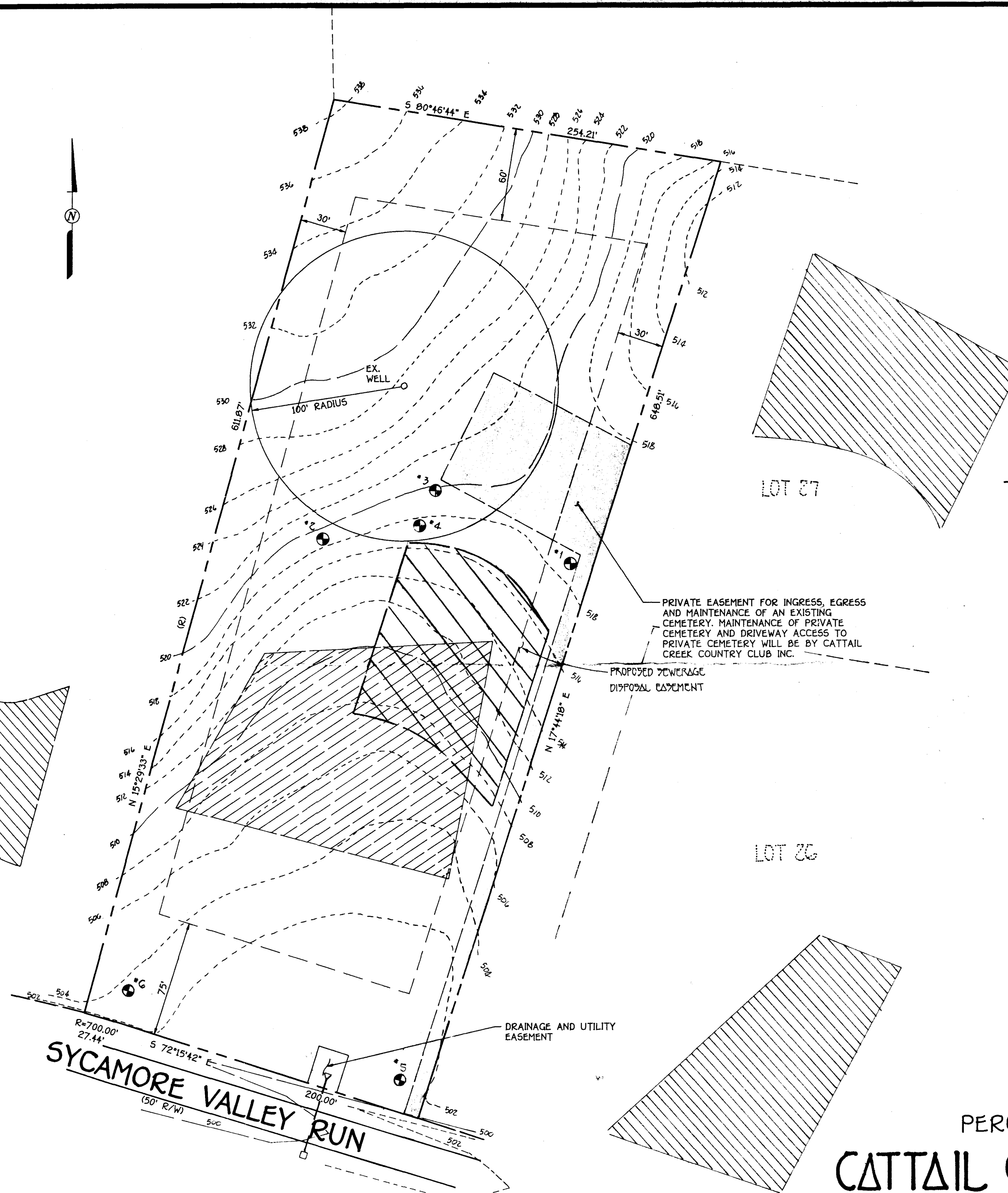
GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THIS AREA DESIGNATES AN EXISTING PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS PER RECORD PLAT NO. THIS EASEMENT IS TO BE ABANDONED.
3. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. THE PURPOSE OF THIS PLAT IS TO REVISE THE EXISTING PRIVATE SEWERAGE EASEMENT RECORDED IN PLAT NO. TO THE LOCATION SHOWN HEREON.
5. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
6. (W) DENOTES WELL LOCATION.
7. (P) DENOTES PERC HOLE LOCATION.
8. OWNER & DEVELOPER:
LAND DESIGN AND DEVELOPMENT
10805 HICKORY RIDGE ROAD
COLUMBIA, MARYLAND 21044

PERC CERTIFICATION PLAT CATTAIL CREEK COUNTRY CLUB LOT 28

TAX MAP 21 ZONED: R
FOURTH ELECTION DISTRICT
SCALE: 1"=50'

PARCEL(S): 6
HOWARD COUNTY, MARYLAND
DATE: JUNE 9, 1997



APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
[Signature]
COUNTY HEALTH OFFICER ALM
12-19-97
DATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
10000 BAYVIEW DRIVE, SUITE 100, BALTIMORE, MARYLAND 21244
(410) 461-2855

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.

APPROVED: _____ DATE _____

DISTRICT HOWARD SOIL CONSERVATION DIST. _____ DATE _____

SEDIMENT CONTROL NOTES

1) A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (SIS-1055).

2) 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 AND REVISIONS THEREOF.

3) FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

4) ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. I, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

5) 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 FOR PERMANENT SEEDING (SEC. 50), 500 (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.

6) 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.

7) SITE ANALYSIS:

TOTAL AREA OF SITE 3.46 ACRES

AREA DISTURBED 0.60 ACRES

AREA TO BE ROOFED OR PAVED 0.40 ACRES

AREA TO BE VEGETATIVELY STABILIZED 0.40 ACRES

TOTAL CUT 200 CU.YDS.

TOTAL FILL 200 CU.YDS.

8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

9) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

10) ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF PERIMETER EROSION AND SEDIMENT CONTROL STRUCTURES, 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.

11) TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

50' MINIMUM

3" MINIMUM

EXISTING PAVEMENT

EXISTING GROUND

PROFILE

MINIMUM 6" OF 2" - 3" AGGREGATE OVER LENGTH AND WIDTH OF STRUCTURE

PIPE AS NECESSARY

50' MINIMUM LENGTH

10' MINIMUM WIDTH

18" MINIMUM

EXISTING PAVEMENT

PLAN VIEW

STANDARD SYMBOL

Construct on Speed Pile on

1. Length - minimum of 50' (#30' for single residence lots).

2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.

3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.

4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.

5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be directed through the entrance, maintaining post-tive drainage. Pipe installed through the stabilized construction entrance shall be protected with a removable berm with 3:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the S.C.E. is located at a 90 degree point and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.

6. Location - A stabilized construction entrance shall be located at every point where construction on traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

INTERNAL - QUARTER OFFICE - 15272 BALTIMORE NATIONAL PIKE

ELICOTT CITY, MARYLAND 21042

(410) 461 - 2855

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.

2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.

3. PERFORM 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.

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 (07 LBS./1000SQ.FT.) FOR THE PERIOD NOVEMBER 15 THRU 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 SOD.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 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./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

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./1,000 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 38-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1,000 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./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS, DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROJECT 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 SOD; 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 (70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 6 FEET OR HIGHER USE 340 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWN VETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

10' MAXIMUM CENTER TO CENTER

36" MINIMUM LENGTH FENCE POST, BROWN A MINIMUM OF 16" INTO GROUND

15" MINIMUM HEIGHT OF GEOTEXTILE CLASS F

8" MINIMUM DEPTH IN GROUND

FLOW

FLOW

FLOW

FLOW

PERSPECTIVE VIEW

36" MINIMUM FENCE POST LENGTH

15" MINIMUM HEIGHT OF GEOTEXTILE CLASS F

8" MINIMUM DEPTH IN GROUND

FLOW

FLOW

FLOW

FLOW

TOP VIEW

SECTION A

SECTION B

CROSS SECTION

STANDARD SYMBOL

Construct on Speed Pile on

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (4 in min) cut, or 1 3/4" (4 in min) round and shall be of sound quality hardwood. Steel posts will be standard T or U section on weightings not less than 1.00 pound per linear foot.

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

Tensile Strength

50 lbs/in (min.)

Tensile Modulus

20 lbs/in (min.)

Flow Rate

0.3 gal. / sq. ft. / minute (max.)

Filtering Efficiency

75% (min.)

Tests

MSMT 509

Tests

MSMT 509

Tests

MSMT 322

Tests

MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reaches 50% of the fabric height.

JOINING TWO ADJACENT SILT FENCE SECTIONS

Construct on Speed Pile on

36" MINIMUM FENCE POST LENGTH

15" MINIMUM HEIGHT OF GEOTEXTILE CLASS F

8" MINIMUM DEPTH IN GROUND

FLOW

FLOW

FLOW

FLOW

TOP VIEW

SECTION A

SECTION B

CROSS SECTION

STANDARD SYMBOL

Construct on Speed Pile on

VICINITY MAP

SCALE: 1"=2000'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT

2. PROPOSED 1000 GALLON SEPTIC TANK.

3. A. FIRST FLOOR ELEVATION: 510.0

4. B. BASEMENT ELEVATION: 500.0

5. C. INVERT OF SEPTIC SYSTEM AT HOUSE: 504.0

6. D. INVERT IN AT SEPTIC TANK: 503.5

7. E. INVERT OUT AT SEPTIC TANK: 503.0

8. F. PROPOSED GRADE OVER SEPTIC TANK: 510.2

9. G. INVERT AT DISTRIBUTION BOX: 512.0

10. H. EXISTING GROUND OVER DISTRIBUTION BOX: 516.0

11. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF PERMIT ISSUANCE.

12. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

13. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

14. PUMPED SEPTIC SYSTEM REQUIRED

15. 1000 GALLON PUMP CHAMBER

16. INV. IN AT PUMP PIT 502.8

17. INV. OUT AT " " 502.5

Approved Septic System Plan

Howard County Health Department

Source: 5800 4/24/88

Date

PROPOSED RESIDENCE

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

CATTAIL CREEK COUNTRY CLUB

LOT 28

ZONED - R

TAX MAP 21

FOURTH ELECTION DIST.

SCALE: 1" = 50'

PARCEL 6

HOWARD COUNTY, MARYLAND

DATE: MARCH 30, 1978

61127

C-5734