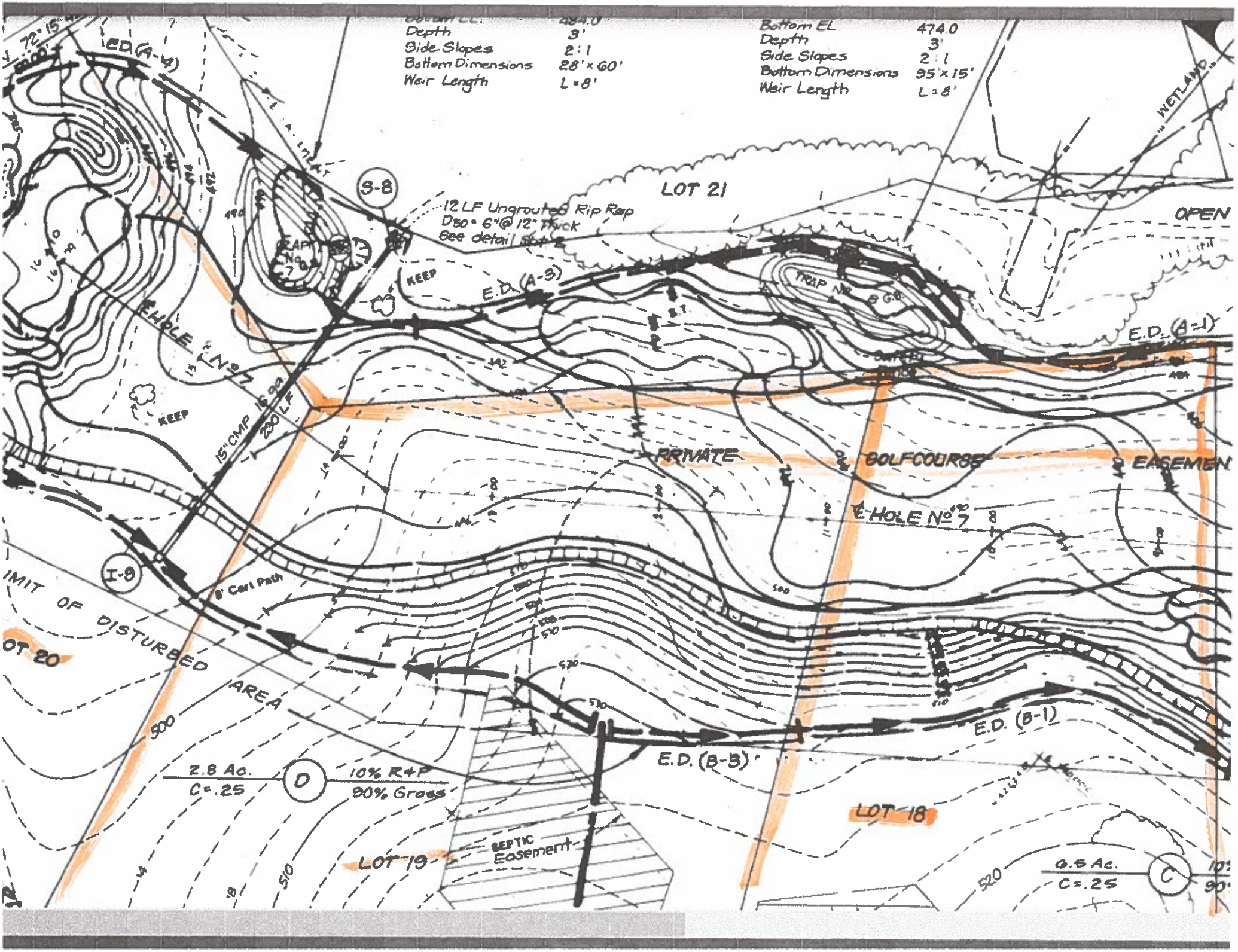
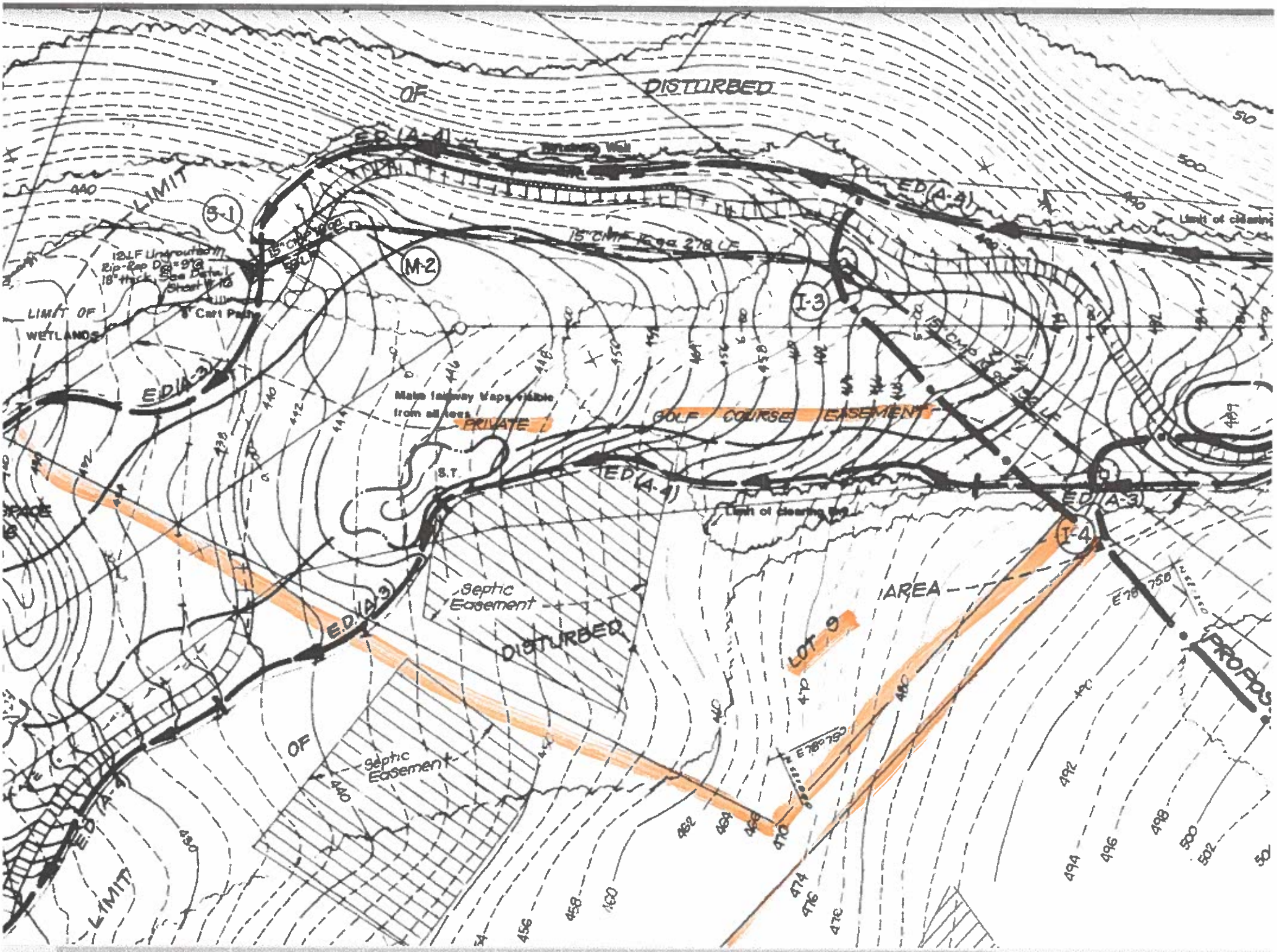
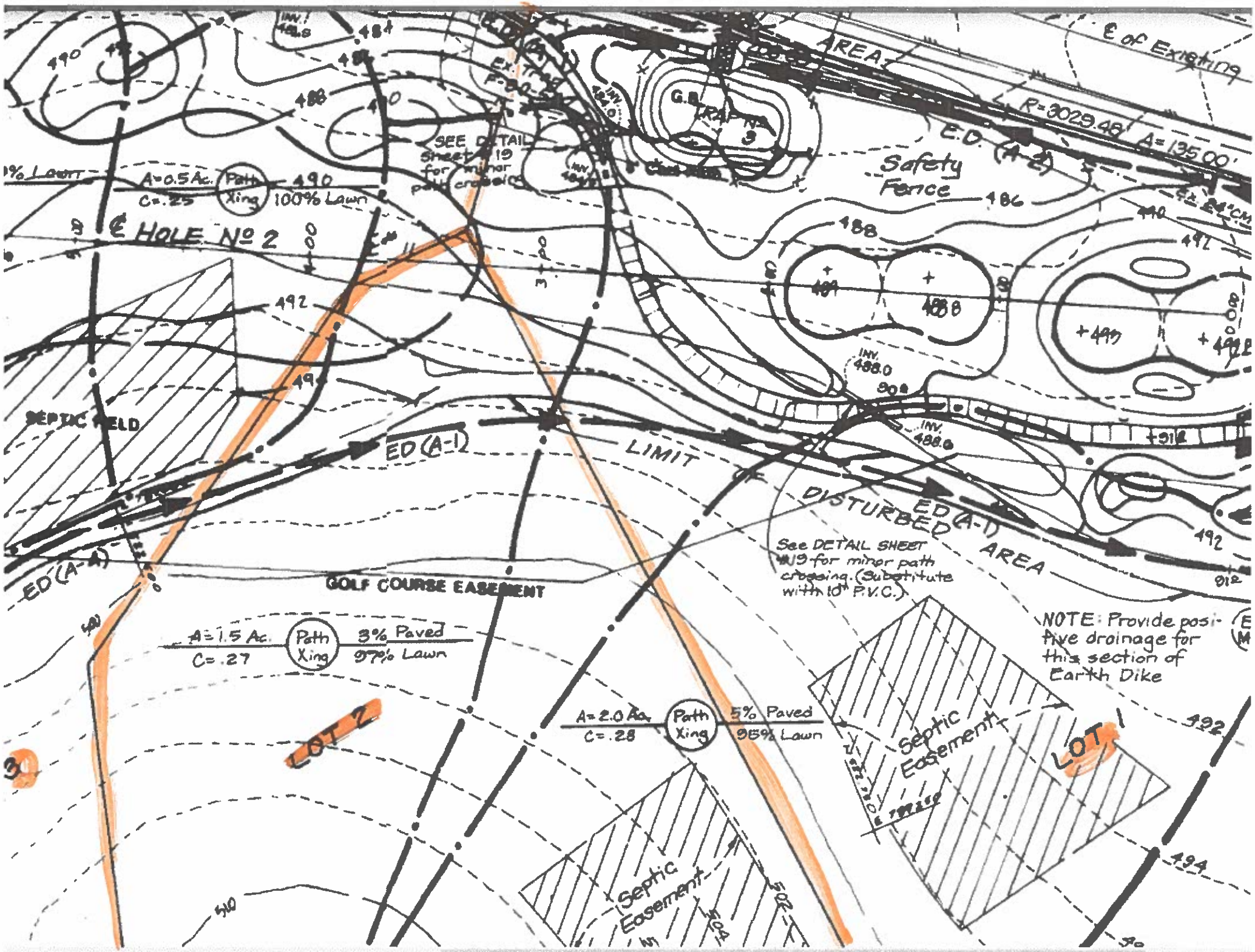

Depth 3'
Side Slopes 2:1
Bottom Dimensions 28' x 60'
Weir Length L=8'
Bottom EL 474.0
Depth 3'
Side Slopes 2:1
Bottom Dimensions 95' x 15'
Weir Length L=8'
E.D. (A-4)
S-8
12 LF Ungrouted Rip Rap
D50 = 6" @ 12" Thick
See detail Sht 2
LOT 21
OPEN
WETLAND
TRAP No 8
E.D. (A-3)
E.D. (A-1)
KEEP
E HOLE No 7
15" CMP 15 gp.
230 LF
PRIVATE
GOLFCOURSE
EASEMENT
E HOLE No 7
I-9
8' Cart Path
LIMIT OF DISTURBED AREA
LOT 20
500
2.8 Ac.
C=.25
D
10% R+P
90% Grass
E.D. (B-3)
E.D. (B-1)
LOT 18
LOT 19
SEPTIC Easement
510
520
0.5 Ac.
C=.25
C


DISTURBED
OF
LIMIT
S-1
M-2
I-3
I-4
12LF Underground Rip-Rap Dia=9"@ 18" thick, See Detail Sheet #16
LIMIT OF WETLANDS
8' Cart Path
15" CMP Reqd 278 LF
Main fairway Maps visible from all tees
PRIVATE
GOLF COURSE EASEMENT
S.T.
Limit of clearing
Septic Easement
DISTURBED
LOT 9
AREA
PROPOS
E.D.(A-4)
E.D.(A-3)
E.D.(A-2)
E 78°750
440
450
460
470
480
490
500
510
492
494
496
498
502
456
458
460
462
464
466
474
476
478


℄ of Existing
AREA
R=3029.48'
A=135.00'
E.D. (A-2)
Safety Fence
G.B. TRAP No. 3
SEE DETAIL Sheet #19 for minor path crossing
A=0.5 Ac.
C=.25
Path Xing
100% Lawn
℄ HOLE No 2
SEPTIC FIELD
ED (A-1)
LIMIT OF DISTURBED AREA
ED (A-1)
ED (A-A)
GOLF COURSE EASEMENT
See DETAIL SHEET #19 for minor path crossing. (Substitute with 10" P.V.C.)
NOTE: Provide positive drainage for this section of Earth Dike
A=1.5 Ac.
C=.27
Path Xing
3% Paved
97% Lawn
A=2.0 Ac.
C=.28
Path Xing
5% Paved
95% Lawn
LOT 2
LOT 1
Septic Easement
Septic Easement

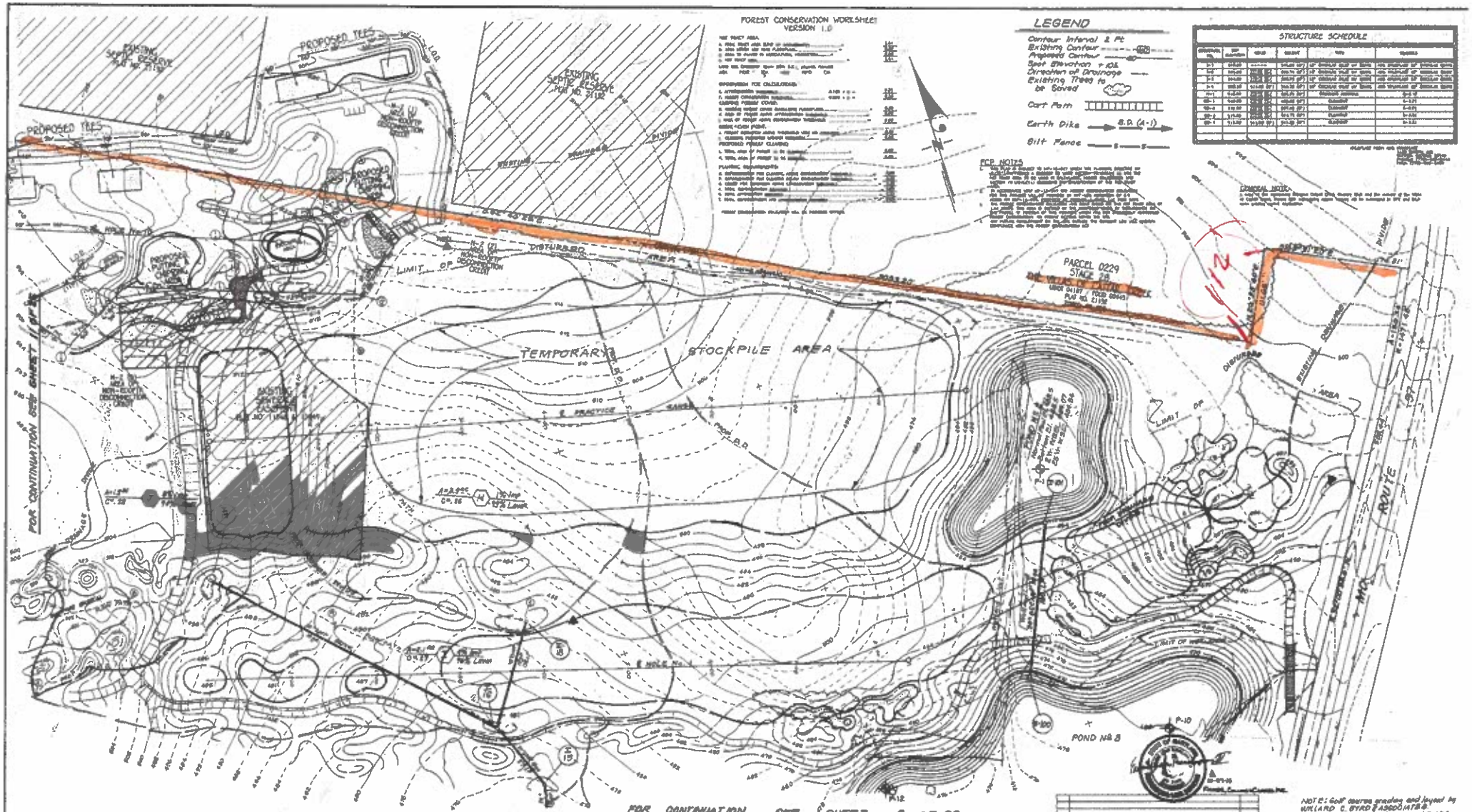
FOREST CONSERVATION WORKSHEET
VERSION 1.0

LEGEND

Contour Interval 2 Ft
Existing Contour
Proposed Contour
Spot Elevation + 105
Direction of Drainage
Existing Trees to be Saved
Cart Path
Earth Dike — S.D. (4:1)
Silt Fence — S — S

STRUCTURE SCHEDULE

STRUCTURE NO.	TOP ELEVATION	INVERT	SIZE	TYPE	REMARKS
D-1	[illegible]	------	[illegible]	[illegible]	[illegible]
D-2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D-3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D-4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D-5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D-6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D-7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D-8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D-9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D-10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

U.S. SOIL CONSERVATION SERVICE — DATE 7/24/92

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

Approved: Howard S.C.D. — DATE 7/24/92

SDP-91-106
Plan Number

Developers Certification:

"We certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District."

SIGNATURE OF DEVELOPER — DATE 4-27-92
HOWARD COUNTY COUNTRY CLUB, INC.
CATTAIL CREEK COUNTRY CLUB, INC.

ENGINEER'S CERTIFICATE

"I certify that this plan for pond construction, erosion, and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion."

Signature of Engineer — Date 4-27-92

4-27-92

NOTE: Golf course grading and layout by WILLARD C. BYRD & ASSOCIATES Landscape Architects, Planners & Golf Course Architects, Atlanta, Georgia

NO.	REVISIONS	DATE

APPROVED: Howard County Department of Planning & Zoning — 10-7-92
Director — 10/28/92
Chief, Division of Land Development — 10/26/92

APPROVED: Howard County Department of Public Works
Chief, Bureau of Engineering — 10/6/92
Chief, Division of Inspections and Licenses — 10/8/92

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7125 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7900 – BALTO • (301) 621-6420 – WASH

DESIGNED	REVISED GRADING, DEPARTMENT OF ENVIRONMENT CONTROL PLAN
DRAWN	PRACTICE RANGE
LAI	CATTAIL CREEK COUNTRY CLUB
CHECKED	FOURTH ELECTION DISTRICT
JLS	HOWARD COUNTY, MARYLAND
MAY 1991	FOR: HOWARD COUNTY COUNTRY CLUB, INC. c/o JAMES AND GAINEY 10715 Charter Drive Suite 300 Columbia, Maryland 21044

SCALE: As Shown
DRAWING: 10 of 20
JOB NO.: 89-007
FILE NO.: 89-007

SDP 91-106

GENERAL NOTES

1. All construction shall be in accordance with the latest standards and specifications of Howard County and HCDPW standards and specifications.
2. The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (301) 792-7878 at least 48 hours prior to the start of work.
3. The contractor shall notify "MISS UTILITY" at 1-800-257-7777 at least 48 hours prior to the start of work.
4. Traffic control devices, markings and signing shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All signs and regulatory signs shall be in place prior to the placement of any asphalt.
5. All stationings are to the edge of paving unless otherwise noted.
6. Existing topography was compiled from aerial survey provided by Photo Science, Inc., dated January 14, 1990, and by actual field survey dated January 1, 1991 and August, 1992.
7. Coordinates are based on NAD '27 Maryland Coordinate System as projected by Howard County Geodetic Control Stations No. 31.33002 and No. 32.33003.
8. All water and sewer service is to be private.
9. Flood plain information was provided per the record plat prepared by Fisher Collins and Carter, Inc.
10. Storm water management is to be provided in the existing ponds on site.
11. No clearing, grading or construction is permitted within the required wetland and stream buffers except as permitted by MDE Permit # 91-WG-3886, MDE # 91-WB-0400, and COHA # 90-SM-80-1933-5.
12. Maintenance responsibility will be private owner and residents.
13. Existing utilities were compiled from available records and field survey.
14. All wells and septic systems within 100' of the property boundaries have been shown.
15. The site shows various energy, on-site easement ownership rights and lot area as required by the Maryland State Department of the Environment.
16. This area designates a private sewage easement as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewer is available. These easements shall remain not and void upon connection to a public sewage system. The county health officer shall have the authority to grant variances for encroachments into the private sewage easement. Formation of a modified sewage easement plat shall not be necessary.
17. Subject property Zoned 'RC' per 2/2/1993 Comprehensive Zoning Plan
18. A water meter will be installed as an improvement line in an accessible location (front yard).
19. Any damage to county or state owned rights-of-way to be repaired at the contractor's expense.
20. All exterior lighting fixtures shall be directed/reflected away from adjacent roads.
21. See DPZ Files: SDP 81-99, S-88-95, F-88-9, F 90-83 and SA 90-98.
22. BA 88-89 decision and order was granted on October 6th 1988.
23. Approved proposed well site passing review from HCDPW Water Supply Program.
24. Existing farm wells to be converted to production wells for irrigation and domestic use where applicable.
25. Well completion reports for proposed production wells to be submitted. 6 hour pump test.
26. Provide easement over 4' (Max 7') depth for supply with hydrant.
27. Developer/owner shall notify contractor to submit "As-Built" drawing of system information to the Howard County Health Dept. prior to final septic system inspection and approval.

HOWARD COUNTY HEALTH DEPARTMENT

DATE

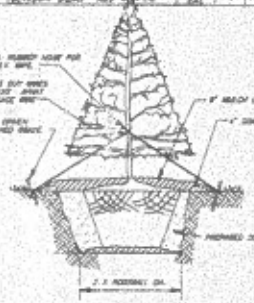
HO Soil Conservation District

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

11/30/92

PLANT SCHEDULE

KEY	PLANT NAME	SIZE	COND.	REMARKS
(⊙)	FRINGE TREES WHITE FRINGE	2"-3" HT.	30	FULL HEAVY BLOOM
(⊙)	THORNLESS HONEYLOCUST "SHADEMASTER"	1½" CAL.	50	FULL
(⊙)	CHERRY LAUREL	18"-24"	1	
(⊙)	ACER RUBRUM / DECIDUOUS SHADE BEFORE SLOPE - NEW VARIETY	2½"-3" CAL.	1	B&B

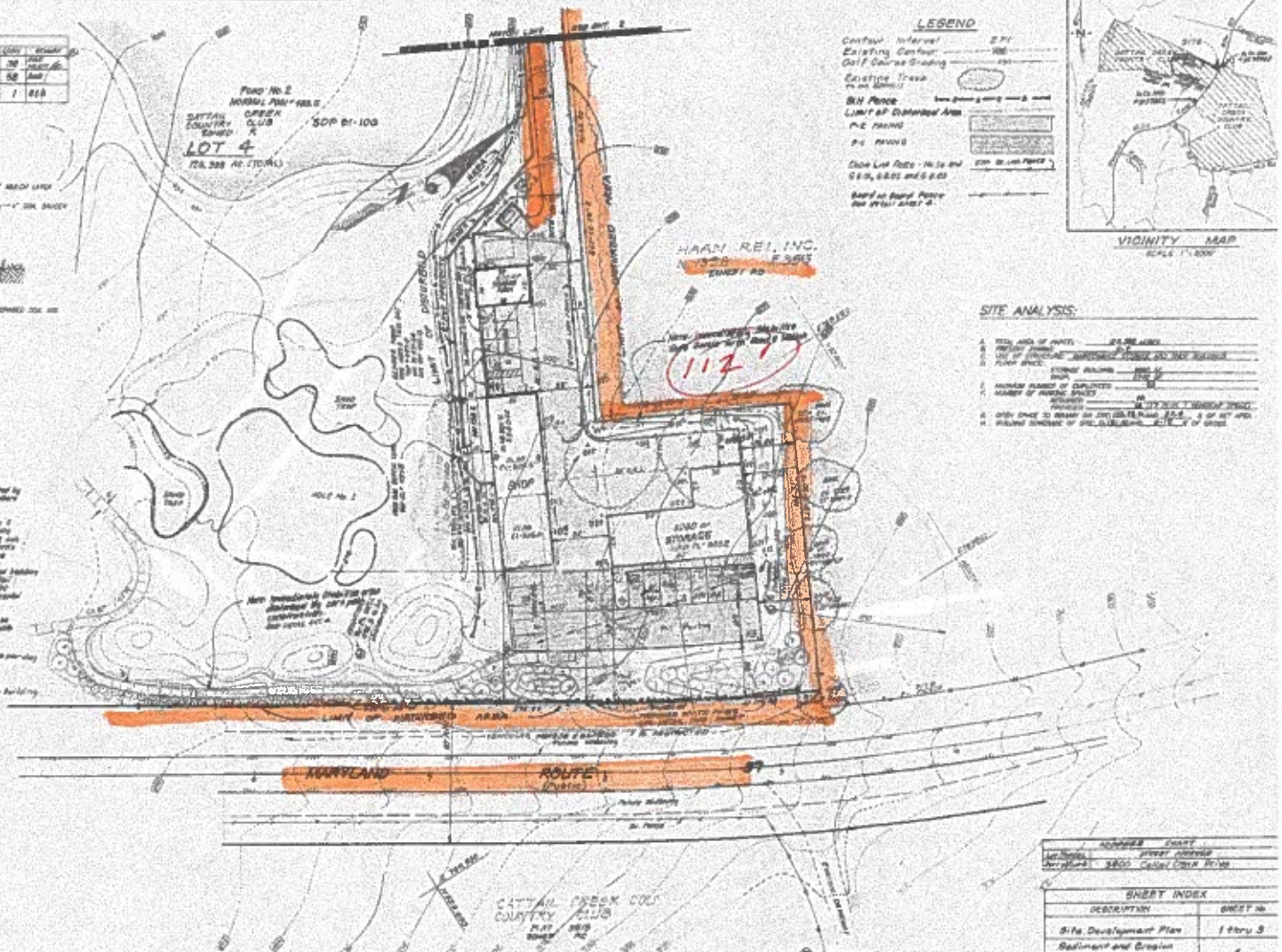


PLANTING DETAIL
NO SCALE

SEWER NOTES

1. All construction methods and materials for private water and sewer systems shall follow the current edition of the Howard County Plumbing Code, supplemented by the latest County Standard Details and Specifications where necessary.
2. 6" PVC sewer house connection shall be laid where 2 feet of backfill. 4" PVC pipe shall meet requirements of ASTM D-3034, with bell-and-spigot joints ASTM D-3212, with elastomeric seals for PVC pipe and meet requirements of ASTM D2241, and Commercial Standard CS 256-63. Joints shall meet requirements of ASTM D3212, and elastomeric seals shall meet requirements of ASTM D2564. Pipe and fittings shall be of the same material and shall be furnished by the same manufacturer. Joints shall be watertight and be in accordance with the manufacturer's recommendations. Minimum slope shall be 1/4" per foot.
3. Area where 6" pressure sewer is to be laid shall be at least private and 2" pressure sewer shall be laid with a minimum of 3.0 feet of cover.
4. Minimum Total Capacity Sewage Flow Allowances
   Residences: 2 bedrooms = 300 gallons per day
   Trailer Dwelling Landing Rates
   150 gallons per day per day

(Note: Will be submitted and approved prior to building permit issuance)



LEGEND

Contour Interval
Existing Contour
Golf Course Grading
Existing Trees
Silt Fence
Limit of Disturbed Area
P-E Paving
P-G Paving
Close Loop Fence - No Ls and G.L.D., G.L.D.1 and G.L.D.3
Board or Board Fence See detail sheet 4.

VICINITY MAP
SCALE 1" = 2000'

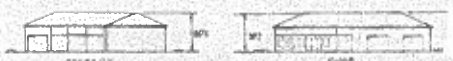
SITE ANALYSIS:

A. TOTAL AREA OF TRACT: 12.398 ACRES
B. DELINEATION OF CROPLAND: NONE
C. DELINEATION OF WOODLAND: NONE
D. FLOOR SPACE:
   STORAGE BUILDING: 3000 SF
   SHOP: 2700 SF
E. MAXIMUM NUMBER OF EMPLOYEES: 20
F. NUMBER OF PARKING SPACES:
   REQUIRED: 20
   PROVIDED: 20 (17 REGULAR, 3 HANDICAP SPACES)
G. OPEN SPACE TO BE MAINTAINED: 8.5 ACRES, 3 OF LOT AREA
H. BUILDING COVERAGE OF SITE: 0.12 % OF GROSS

HOWARD COUNTY	
Lot/Block	PARCEL NUMBER
Description	3800 Cattail Creek Drive

SHEET INDEX	
DESCRIPTION	SHEET No.
Site Development Plan	1 thru 3
Sediment and Erosion Control Details	4

SUBDIVISION NAME: CATTAIL CREEK COUNTRY CLUB			2	LOT/PARCEL NO.: PART OF LOT 4	
PLAT NO. 3812	BLOCK NO. 5	ZONE R	TAX MAP NO. 21	GRID NO. 17	PARCEL NO. 200
OWNER: PRIVATE OWNER			OWNER: PRIVATE OWNER		



TYPICAL BUILDING ELEVATIONS
SCALE: 1" = 30'

DEVELOPER'S/OWNER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion Control beginning the project. I will authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

CATTAIL CREEK COUNTRY CLUB, INC.
By: Donald A. Chiumenti, Pres. 9/5/92
Signature Date
DONALD CHIUMENTI

OWNER'S CERTIFICATE

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

9-2-92
Signature Date
D. Nelson Clark

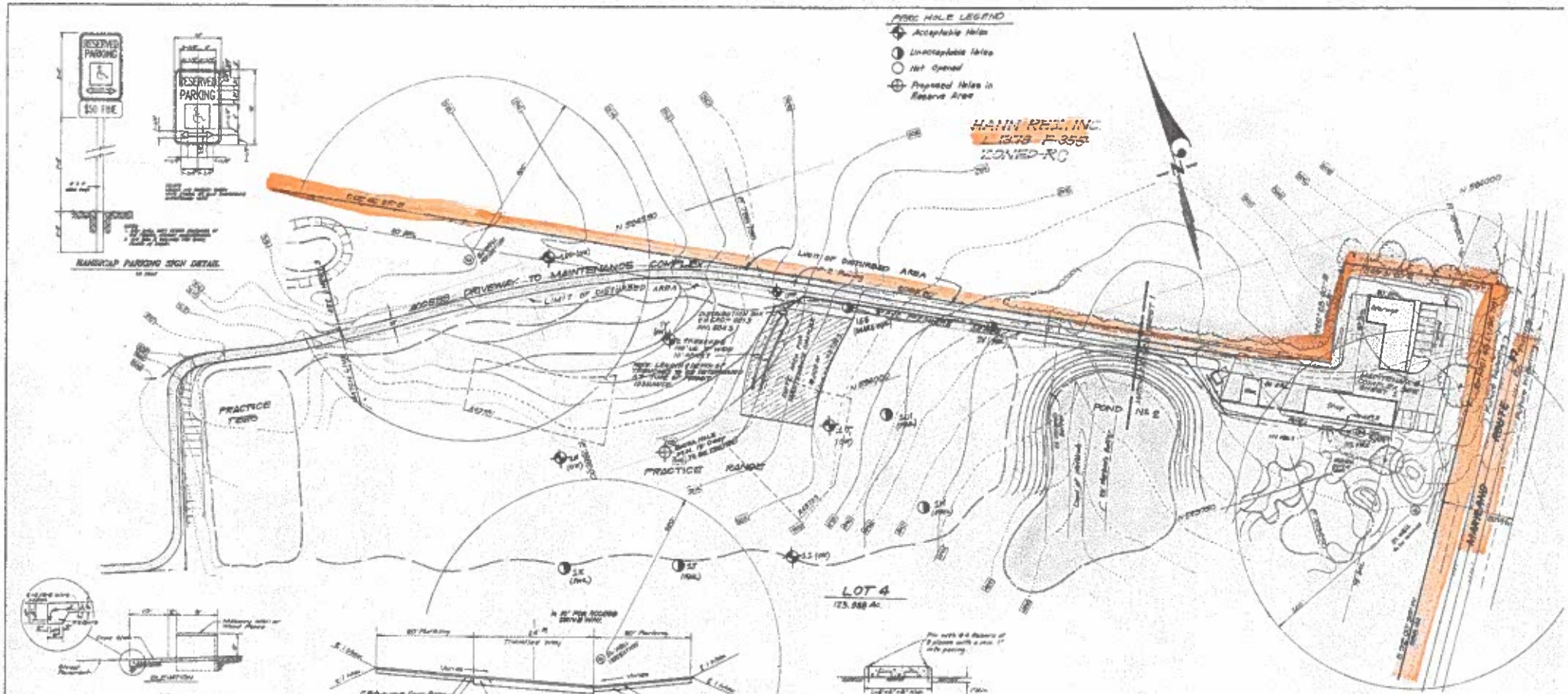
CLARK • FINEFROCK & SACKETT, INC.
CONSULTING ENGINEERS • PLANNERS • SURVEYORS
7100 LAMPLIGHTER WAY • COLUMBIA, MARYLAND 21044 • (301) 992-1460 FAX (301) 992-1786

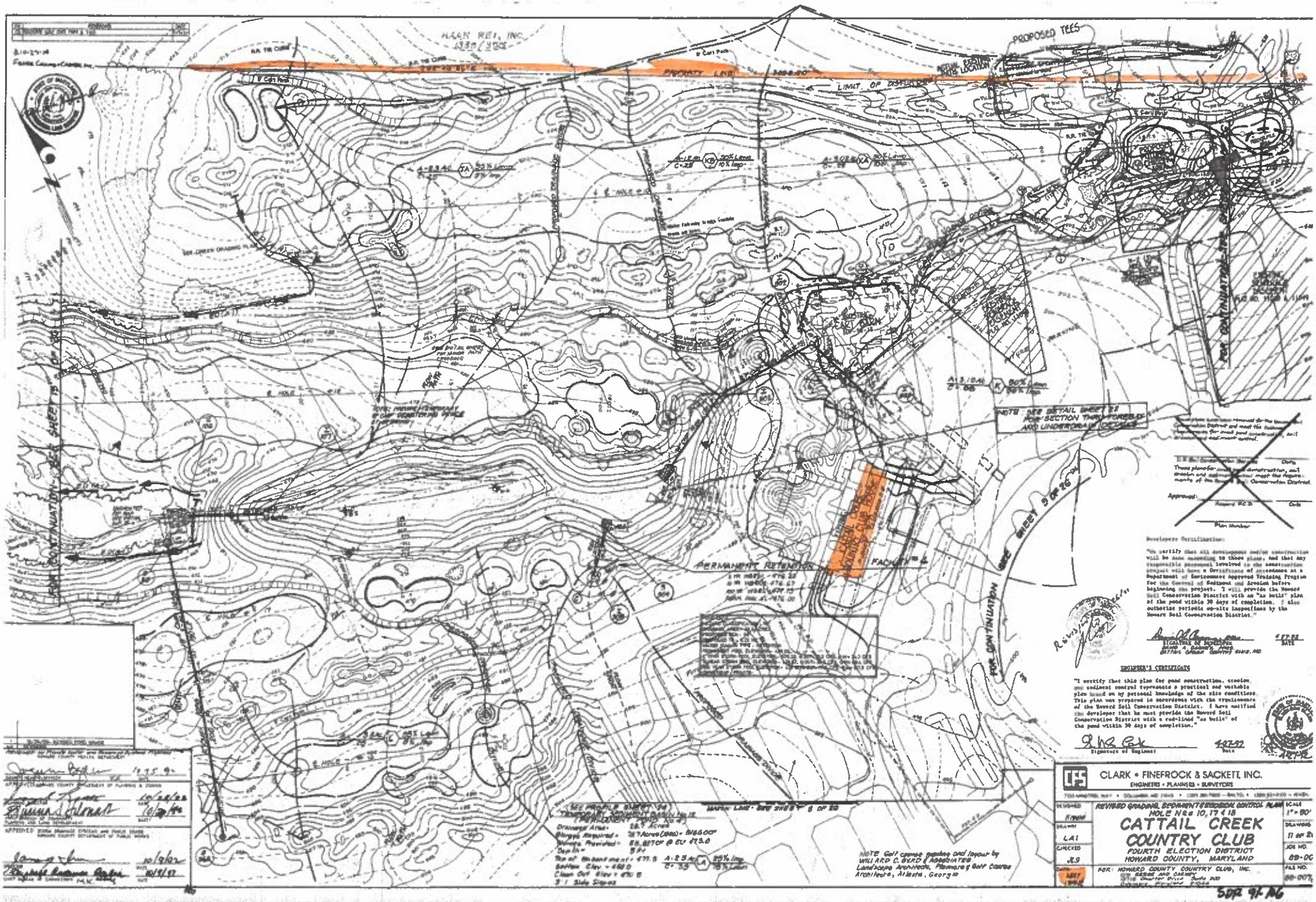
DESIGNED KHAN	SITE DEVELOPMENT AND SEDIMENT & EROSION CONTROL PLAN FOR MAINTENANCE COMPLEX FOR CATTAIL CREEK COUNTRY CLUB FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN LAI	
CHECKED JLS	
DATE 9-2-92	

SCALE 1" = 30' | DRAWING 1 of 4 | JOB NO. 89-007

PREPARED FOR: HOWARD COUNTY CLUB, INC.
CONTACT: DONALD CHIUMENTI, PRESIDENT
7100 LAMPLIGHTER WAY, COLUMBIA, MD. 21044
PHONE: (301) 992-1460 FAX: (301) 992-1786

SDP-89-99


PERC HOLE LEGEND
Acceptable Holes
Unacceptable Holes
Not Opened
Proposed Holes in Reserve Area
HAHN REALTY, INC.
L 1373 F 355
ZONED-RC
ACCESS DRIVEWAY TO MAINTENANCE COMPLEX
LIMIT OF DISTURBED AREA
PRACTICE TEE
PRACTICE RANGE
POND NO. 2
LOT 4
123.588 Ac.
ROUTE 32
MARYLAND
RESERVED PARKING
$50 FINE
HANDICAP PARKING SIGN DETAIL
ELEVATION
PLAN
DUMPSTER PAD AND ENCLOSURE
TYPICAL PAVING SECTION PRIVATE PARKING AREA
ALTERNATE PAVING SECTION PRIVATE PARKING AREA
ALTERNATE PAVING SECTION FOR TRAVELLED WAY & ACCESS DRIVE
FRONT VIEW
PLAN VIEW
TYPICAL PARKING WITH INSTALLATION OF CURB STOP
CLARK + FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
SITE DEVELOPMENT AND SEDIMENT & EROSION CONTROL PLAN FOR MAINTENANCE COMPLEX
CATTAIL CREEK COUNTRY CLUB
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SDP-95-20


PROPOSED TEES
PROPERTY LINE
LIMIT OF DISTURBANCE
PERMANENT RETENTION
FOR CONTINUATION SEE SHEET 5 OF 20
FOR CONTINUATION SEE SHEET 15 OF 20
NOTE: SEE DETAIL SHEET 22 FOR SECTION THRU FOREBLOCK AND UNDERDRAIN DETAILS
Developers Certification:
"We certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of attendance at a Department of Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District."
ENGINEER'S CERTIFICATE
"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion."
CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
REVISED GRADING, SEDIMENT & EROSION CONTROL PLAN
HOLE Nos 10, 17 & 18
CATTAIL CREEK COUNTRY CLUB
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: HOWARD COUNTY COUNTRY CLUB, INC.
SCALE 1" = 80'
DRAWING 11 of 21
JOB NO. 89-06
FILE NO. 89-007
DRAWN LAI
CHECKED JLS
SDP 91-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
9/3/91

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
9/3/91

APPROVED
HOWARD COUNTY BUREAU OF ENGINEERING
9/3/91

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

DESIGNED KWM	DRAINAGE AREA MAP FOR PONDS 1 THRU 4	SCALE 1"=200'
DRAWN KWM	CATTAIL CREEK COUNTRY CLUB	DRAWING 2 OF 2
CHECKED DST	FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 89-007
DATE APRIL 1991	FOR HOWARD COUNTY COUNTRY CLUB, INC.	FILE NO. 89-007

SDP-91-106

GENERAL NOTES

1. All construction shall be in accordance with the latest standards and specifications of Howard County plus MDE standards and specifications.
2. The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (410) 313-1273 at least (5) working days prior to the start of work.
3. The contractor shall notify "MISS UTILITY" at 1(800) 257-7777 at least 48 hours prior to the start of work.
4. Traffic control signs, markings and signing shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All signs and regulatory signs shall be in place prior to the placement of any asphalt.
5. All plan dimensions are to the top of curb unless otherwise noted.
6. Existing topography was compiled from aerial survey provided by Photo Science, Inc. dated January 14, 1992, and by actual field survey dated January 1, 1991 and October 1992.
7. Coordinates are based on NAD '27 Maryland Coordinate System as projected by Howard County Geodetic Control Stations No. 31EA003 and No. 31EA011.
8. All water and sewer service is to be private.
9. Flood plain information was provided per the record plat prepared by Fisher Collins and Carter, Inc. (F-90-57).
10. Stormwater management is to be provided in the existing pondS on site.
11. No clearing, grading or construction is permitted within the required wetland and stream buffer except as permitted by site Permit #91-0-0434, and Wetlands Permits #91-0-0-W-30-1383-A and #91-0-0-W-30-1383-B, issued June 12, 1991.
12. Stormwater Management facility will be privately owned and maintained. Park SDP-91-109.
13. Existing utilities were compiled from available records and field survey.
14. All wells and septic systems which SHALL of the sewage disposal court have been shown.
15. The lots shown hereon comply with minimum frontage width and area as required by the Maryland State Department of the Environment.
16. [hatched] This area designates a private sewage easement as required by the Maryland State Department of the Environment for building envelope. Improvements of any nature in this area are restricted until public sewer is available. These easements shall become null and void upon connection to a public sewage system. The county Health officer shall have the authority to grant variances for encroachments into the private sewage easement. Relocation of a modified sewage easement plat shall not be necessary.
17. Subject property zoned RR-DEO per 2/16/93 Comprehensive Zoning Map.
18. A water meter shall be installed on an inconspicuous line in an accessible location for all buildings.
19. Any damage to curbs or state owned right-of-ways are to be repaired at the contractor's expense.
20. All exterior lighting fixtures shall be directed/indicated away from public roads.
21. See SDP Plan 13-1-100, 2-20-92, 7-20-92 and 10-20-92, SDP-92-102, 10-1-1992 & 10-1-92.
22. 91-0-0-W wetlands and water use permit on October 6th, 1992.
23. Approval of proposed well plan pending review from M.D.E. Water Supply Program.
24. Existing test wells to be converted to production wells irrigation and domestic use where applicable.
25. Well completion reports for proposed production wells to be based on 6 hour pump test.
26. French connection over 4 feet is depth to comply with MDE.
27. Sewage disposal system contractor to submit As-Built drawings of system installation to Howard County Health Dept. prior to the final septic system inspection and approval.
28. Well No. Co 88-1709 has been left use to grounds.
29. No further grading to be done on sewage disposal areas including installation of subsoil and sewer central connection except as shown on this plan.
30. Maximum number of people in pool at any one time to be 190 until such time that larger impoundment is available.
31. Plans for production of drawings for Pool Area to be submitted with check to permit processing shown to consultant and may be changed during permit review.
32. Trees #23 and lower limit of pertin area for Pool to be staked and inspected by the Howard County Forest to construction off time and after construction of trees.
33. The Forest Conservation Agreement for the Railroad Monitors, Inc. Howard County Health Dept. and Cattail Partners of Maryland of a 200-ft long for the 0.09 acre Limit of Disturbance, Q. Q.01 Forest Conservation (See Sheet 3) for FC Worksheet 1.1 for Amount of 0.91 SF (4,000 SF x 0.09).
34. The Forest Conservation Agreement for the Railroad Revision dated 11-6-12, has been fulfilled by payment of a fee-in-lieu for the 0.45 acre limit of disturbance, or 0.45 forest conservation (for Sheet 1 for FC Worksheet 1.1 in the Amount of 2,400 SF (2,610 SF.FT. x 0.92).

PLANT SCHEDULE

KEY	PLANT NAME	SIZE	CONT.	REMARKS
(AA)	RED AMERICAN ELM SUNSET RED SUNSET MAPLE	2 1/2"-3" CAL.	B&W	B&B
(CC)	TULIP TULIPTREE CHINESE REDBUD	6'-8' HT.	B&W	B&B

NO.	REVISION DESCRIPTION	DATE
2	Added Pump Barn, etc. & shadowlined Parking. Revised Site Analysis.	8/20/92
1	ADDED 2 TENNIS COURTS CHANGE 1.78 ACRES TO 1.0	11/6/92

PARKING LOT INTERNAL LANDSCAPING

NUMBER OF PARKING SPACES	223
AREA OF PARKING AREAS	75
NUMBER OF TREES REQUIRED (SHADE TREES)	14

1. SEE SHEET 3 OF 3 FOR PLANTING DETAIL
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
3. ALL PLANTING TO MEET SALT/WINDS LANDSCAPE SPECS. OF L.C.A.N.R.
4. Substitution of plant species or comparable substitutes or plants may be made with approval of Landscape Architect.

LEGEND

CONTOUR INTERVAL 2 FT.
EXISTING CONTOUR
PROPOSED CONTOUR
DIRECTION OF DRAINAGE
WALK OUT BASEMENT
EXISTING SEWER MAN
EXISTING WATER MAN
EXISTING STORM DRAIN
EXISTING DRIVE TO HOUSE
PROPOSED STORM DRAIN
SILT FENCE
SUPER SILT FENCE
EARTH DIKE
STABILIZED CONSTRUCTION ENTRANCE
LIMIT OF DISTURBED AREA
BARRIER CURB
6" SITE CURB & GUTTER
PERC TEST APPROVED
PERC TEST DISAPPROVED

SITE ANALYSIS:

A. TOTAL AREA OF PARCEL: 183.000 ACRES
B. PRESENT ZONING: RR
C. USE OF STRUCTURE: EXISTING FARM HOUSE, ACCESSORY, PRIVATE HOUSE
D. FLOOR SPACE:
PRO SHOP 4,000 SF
FOOD HOUSE 2,000 SF
HALFWAY HOUSE 2,000 SF
SNACK BAR 2,000 SF
E. MAXIMUM NUMBER OF EMPLOYEES: 8
F. NUMBER OF PARKING SPACES:
REQUIRED 223
PROVIDED 223 (including 8 handicapped, 2 for Tennis Courts & 2 for Pool)
G. EXISTING ZONING: RR
H. BUILDING COVERAGE OF SITE: 0.1% OF TOTAL AREA
I. IMPERVIOUS AREA: 1.0 ACRES OF GROSS.
J. NUMBER OF LOTS: 1
K. NUMBER OF DWELLING UNITS: 1 (Caretaker's Residence)
L. SEE PARKING SUMMARY ON SDP 91-109

Water and Sewer Notes

1. All construction and materials for on-site private water and sewer systems shall follow the current edition of the Howard County Planning Code, supplemented by the Howard County Sanitary Details and Specifications where necessary.
2. A 6 inch sewer house connection shall be split with a Y and of building. 4 inch PVC pipe shall meet the requirements of ASTM D-3034, will tolerate deflection SDR-35. Cleanouts to be provided every 75'.
3. Maximum Total Design Sewage Flow Allocation:
Pool 1,000 GPD
Temporary Clubhouse 300 GPD
Halfway House 300 GPD
Home 300 GPD
Trench Design Loading Rates:
1.0 Gallon per square foot per day for Tennis, Clubhouse and Halfway House
0.8 Gallons per square foot per day for Pool
4. Will be drilled and approved prior to issuance of building permit for Halfway House.
5. This plan was reviewed for less than 9999 gpd sewage and has not been reviewed by the MDE.

VICINITY MAP

SCALE 1" = 1000'

PROJECT	CLARK
SUBDIVISION	FINEFROCK & SACKETT
LOT #	6800 Cedar Creek Drive

SHT. NO.	SHEET INDEX DESCRIPTION
1	SITE DEVELOPMENT AND SEDIMENT & EROSION CONTROL PLAN
2	SITE DEVELOPMENT PLAN & DETAILS
3	SEDIMENT & EROSION CONTROL DETAILS

Prepared for: HOWARD S.C.D.
Howard Soil Conservation District

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
3/12/93

RANGE BARN

APPROVED: FOR SANITARY WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
4-21-93

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
4/27/93
4/27/93

APPROVED: STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
4/23/93
4-23-93

NO.	REVISIONS	DATE
1	Add topography, S.D. layout here lot lot. Shortcut to Bethlehem By Fisher Collins & Carter Inc.	9-25-92

SDP-93-43

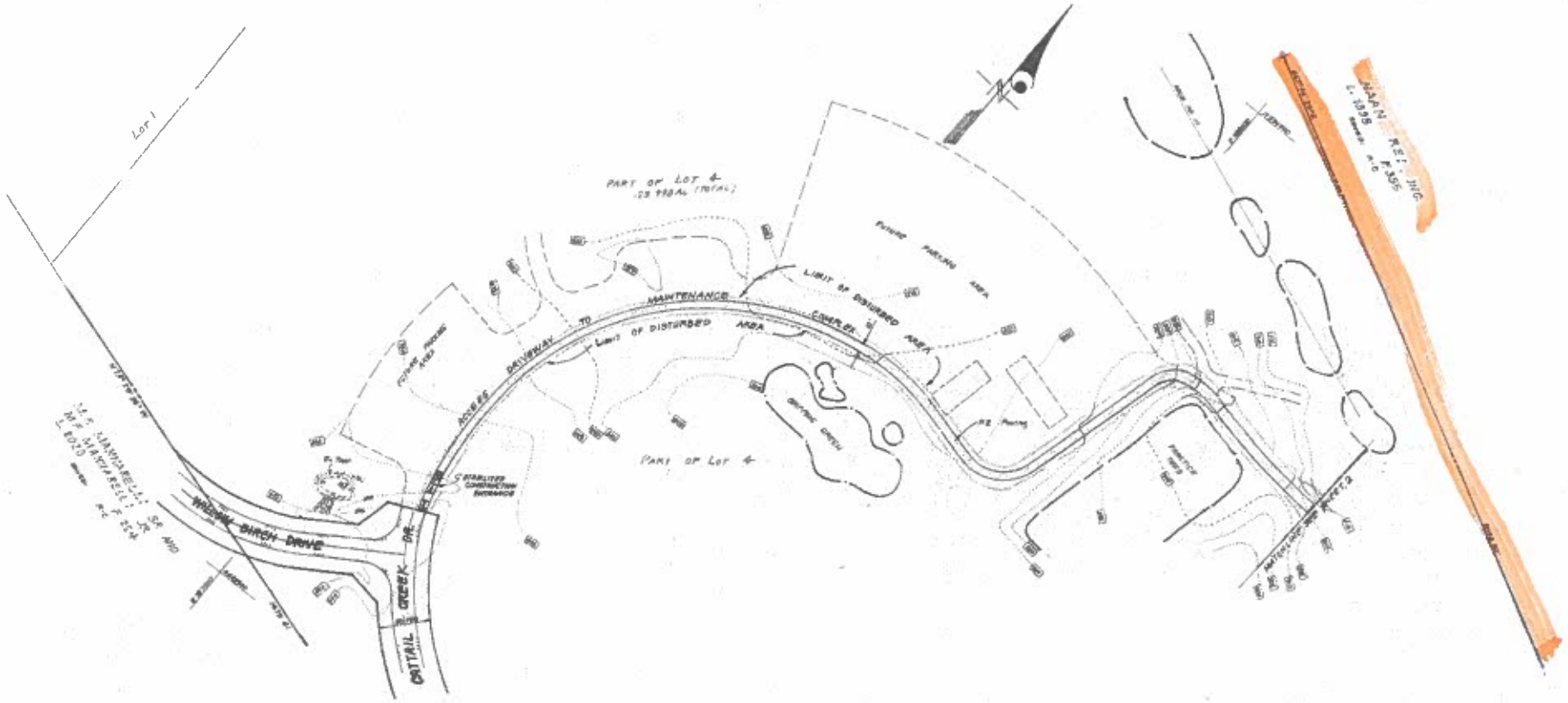
CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7105 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7100 • (410) 721-6100 • (301) 621-9100 - FAX

DESIGNED	JAMES KIRWAN
DRAWN	LAI
CHECKED	JKS
DATE	3-93
SCALE	1" = 60'
DRAWING	1 of 3
JOB NO.	89-007
FILE NO.	89-007-X

SITE DEVELOPMENT AND SEDIMENT & EROSION CONTROL PLAN
FOR TEMPORARY CLUBHOUSE AND HALFWAY HOUSE.
CATTAIL CREEK COUNTRY CLUB
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: HOWARD COUNTY COUNTRY CLUB, INC.
9119 Stevens and Gainey
Suite 200
Columbia, Maryland 21045

SDP-93-43



APPROVED: FOR CHARLES WALTER AND FRANCIS ROBERTSON JR. HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Approved for HOWARD SCD

US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SCD. CONSTRUCTION OPTIONAL

DESIGNER'S/OWNER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan or development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

CATTAIL CREEK COUNTRY CLUB, INC.
By: Arnold A. Cheney, pres. 9/2/92
Signature — Date
BART GARNER

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on the personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

9-2-92
Signature — Date
C. Richard Clark

9-2-92

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7101 MINSTRAL WAY • COLUMBIA, MD 21045 • (410) 381-7500 • (410) 381-8015 • (410) 381-8031

DESIGNED: RDWM	SITE DEVELOPMENT AND SEDIMENT & EROSION CONTROL PLAN FOR MAINTENANCE COMPLEX	SCALE: 1"=50'
DRAWN: BGK	CATTAIL CREEK COUNTRY CLUB	DRAWING: 3 of 4
CHECKED: JLB	FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.: 89-107
DATE: 7-31-92	PREPARED FOR: HOWARD COUNTY COUNTRY CLUB, INC. c/o ROBERT DALE CHENEY 7710 CHAPEL HILL ROAD, BOX 2 ELLICOTT CITY, MARYLAND 21043	FILE NO.: 89-107

SDP-93-20