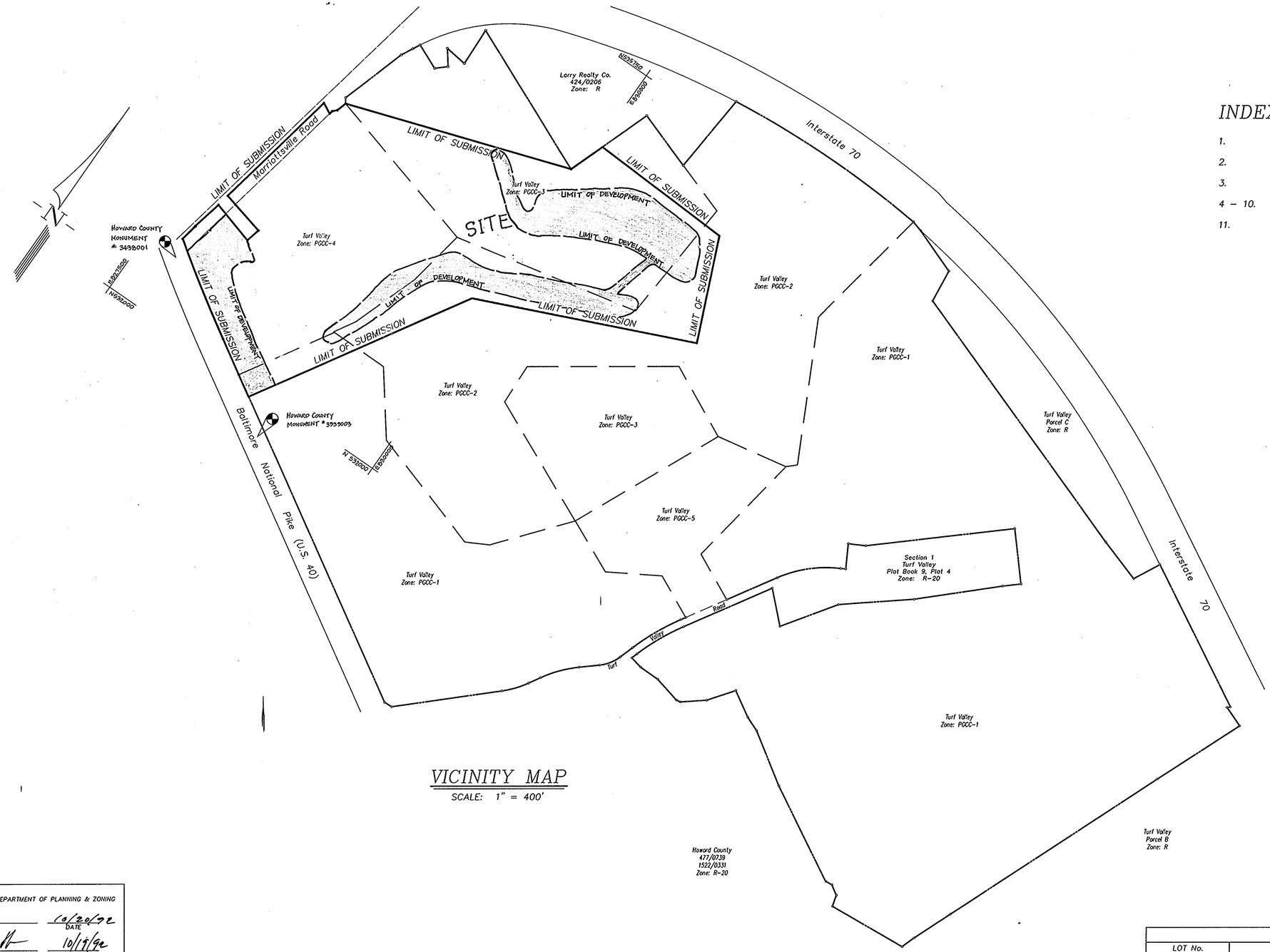


VICINITY MAP

SCALE: 1" = 400'

INDEX OF SHEETS

7/21/92 8/11/92 9/17/92

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 10/20/92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/9/92

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

DIRECTOR — DATE 10/9/92

CHIEF, BUREAU OF ENGINEERING — DATE 10-1-92

REVIEWED: HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED

COUNTY HEALTH OFFICER — DATE 10-13-92

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

U. S. SOIL CONSERVATION SERVICE — DATE 9/24/92

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-15-92

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer — Date 6/8/92

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 conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

Robert M. Mochi, P.E. — Date 6-4-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

ADDRESS CHART	
LOT No.	STREET ADDRESS
1	2700 TURF VALLEY DRIVE

SUBDIVISION NAME

TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P/O 8	S-86-13, FDP PGCC-1 FDP PGCC-2 & PART OF PGCC-3 FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
920/285 1263/124	10, 11, 16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

92007001.DWG

project	date
92007.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 400'	RMM

no.	description	date
3	REVISED LIMIT OF DEVELOPMENT PER HOWARD CO. DPZ, DPW & SHA COMMENTS	8/11/92
2	REVISED LIMIT OF DEVELOPMENT	7/24/92
1	REVISED PER HOWARD CO. DPZ	

revisions

PROPOSED SIX HOLES

TURF VALLEY WEST GOLF COURSE

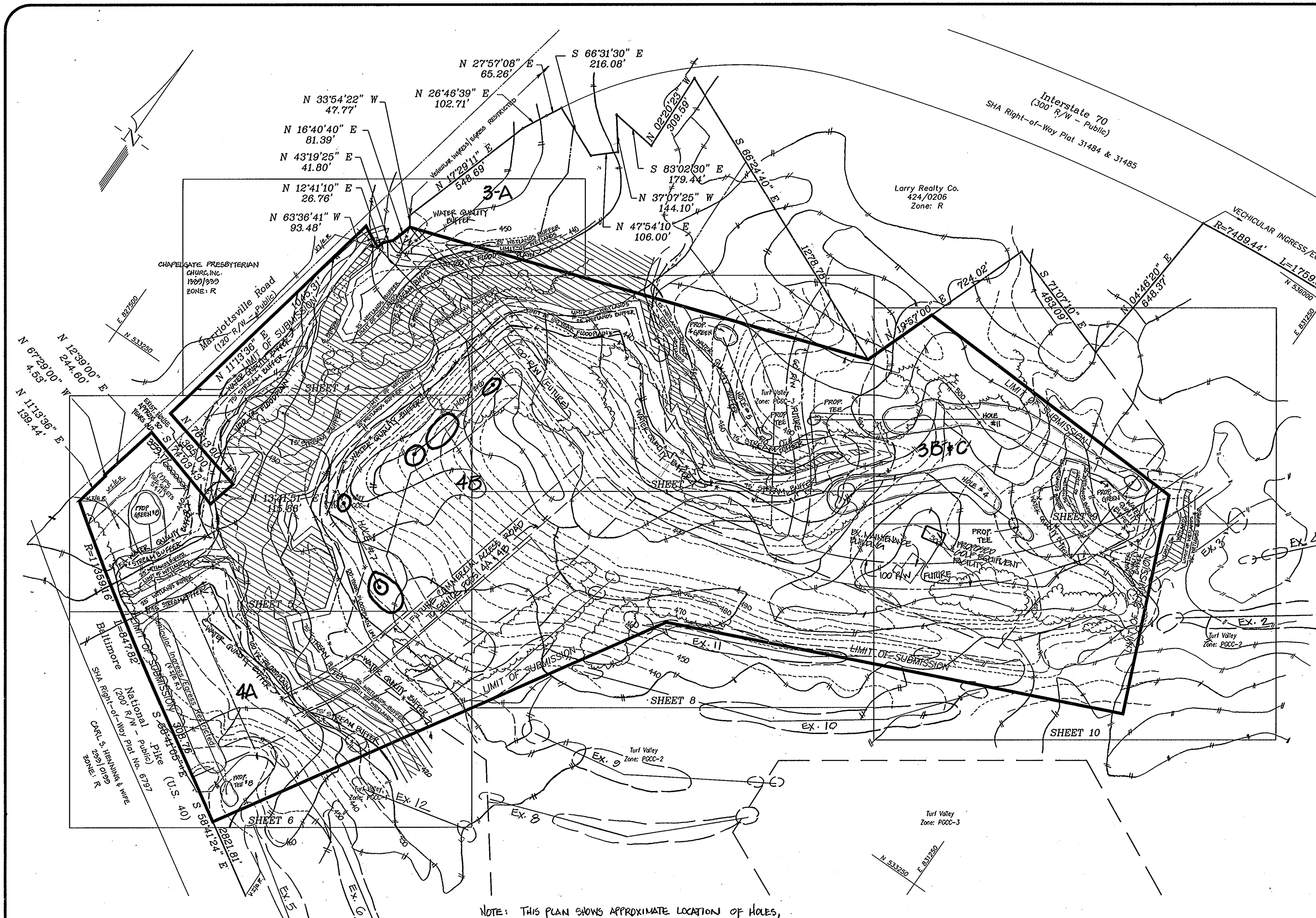
HOWARD COUNTY, MARYLAND

ELECTION DISTRICT No. 3

SITE DEVELOPMENT PLAN

MILDENBERG, MOCHI & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-6078 D.C. Metro (301) 621-5768 Fax (410) 750-6340

SDP-92-116



GENERAL NOTES

1. All construction shall be in accordance with the latest standards and specifications of Howard County plus MSHA standards and specifications if applicable.
2. Total area of PGCC-1, PGCC-2, PGCC-3 & PGCC-4 = 29,181,279.60 sq. ft. = 669.91 Ac.
3. Total area of Limit of Submission = 5,674,561.20 sq. ft. = 130.27 Ac.
   Total area of Limit of Development = 2,348,564.55 sq. ft. = 53.92 Ac.
4. Percentage of Golf/Open Space within Limits of Submission = 100%
5. Total Disturbed Area = 992,732.40 sq.ft. = 22.79 Ac.
6. Existing Zoning: PGCC
7. FDP Reference: FDP PGCC-1
   FDP PGCC-2 & Part of PGCC-3
   FDP Part of PGCC-3 & PGCC-4
8. Parking has been provided under SDP-87-30
9. The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (410) 792-7272 at least five (5) working days prior to the start of work.
10. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
11. Floodplain delineation taken from Little Patuxent River Floodplain Study – September 1987 prepared by Bernard Johnson, Inc.
12. Water and sewer will not be utilized for this golf course.
13. This plan is subject to FDP PGCC-1, FDP PGCC-2 & Part of PGCC-3, Part of PGCC-3 & PGCC-4 and S-86-13.
14. For details of grading, see grading and sediment control plan.
15. Existing trees around the fairways, tees and greens will remain.
16. No structures are proposed for this site development plan.
17. Wetlands delineation taken from study performed by Exploration Reasearch, Inc. dated September, 1988 and approved by Howard County
18. Stormwater Management for this project is subject to the "Conceptual Stormwater Management Study" prepared by Mildenberg, Mochi & Associates and submitted to Howard County Department of Public Works – dated April 10, 1992.
19. This project is subject to the "Traffic Impact Analysis for Turf Valley County Club" prepared by The Traffic Goup, Inc. – dated March 31, 1986.
20. Planning Board Case No.: 181
    Approval Date: 1-22-86 & 8-30-89
21. Previous File:
    S-86-13
    FDP PGCC-1
    FDP PGCC-2 & Part of PGCC-3
    FDP Part of PGCC-3 & PGCC-4
22. For bearings and distances of development pods see FDP, Turf Valley, Part of PGCC-3 and PGCC-4.
23. The Water Quality Buffer is provided as a measure of water quality as required for stormwater management. This undisturbed ground is provided for golf course development only. Future development within this buffer may occur provided that water quality measures are provided for the disturbed areas.
24. No cart paths are proposed under this site development plan.
25. No irrigation system is proposed under this site development plan.
26. For details of plantings around green no. 6 see sheets 5 and 8.
27. THIS RED LINE REVISION IS APPROVED BY THE HOWARD COUNTY PLANNING BOARD ON MARCH 16, 1993.

STATE OF MARYLAND — ROBERT M. MOCHI — No. 15391 — REGISTERED PROFESSIONAL ENGINEER

7/27/92 8/11/92 9/17/92

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 10/20/92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/19/92

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

DIRECTOR — DATE 10/2/92

CHIEF, BUREAU OF ENGINEERING — DATE 10-1-92 JH

REVIEWED: HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED

COUNTY HEALTH OFFICER — DATE 10-13-92

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

U. S. SOIL CONSERVATION SERVICE — DATE 9/24/92

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

9-15-92

DEVELOPER'S CERTIFICATE

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Signature of Developer — Date 6/8/92

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 conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

Robert M. Mochi, P.E. — Date 6-4-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

SUBDIVISION NAME

TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P/08	S-86-13, FDP PGCC-1, FDP PGCC-2 & PART OF PGCC-3, FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
920/205 1263/724	10, 11, 16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

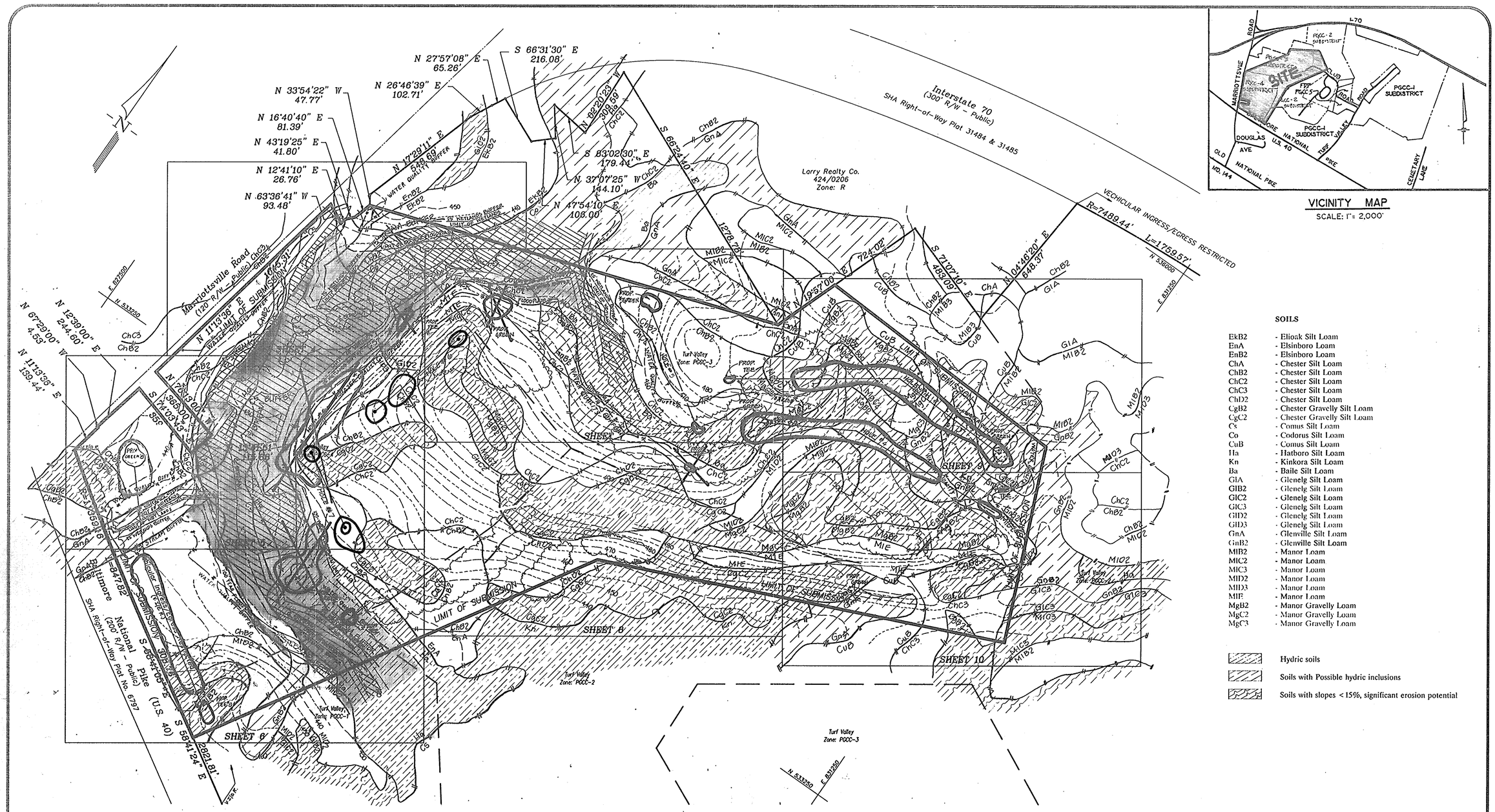
ELECTION DISTRICT No. 3 — HOWARD COUNTY, MARYLAND

SITE DEVELOPMENT PLAN

MILDENBERG, MOCHI & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-0078 D.C. Metro: (301) 621-5768 Fax: (410) 750-6340

project	date
92007.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 200'	RMM

SDP-92-116



VICINITY MAP
SCALE: 1" = 2,000'

SOILS

EkB2	- Elioak Silt Loam
EnA	- Elsinboro Loam
EnB2	- Elsinboro Loam
ChA	- Chester Silt Loam
ChB2	- Chester Silt Loam
ChC2	- Chester Silt Loam
ChC3	- Chester Silt Loam
ChD2	- Chester Silt Loam
CgB2	- Chester Gravelly Silt Loam
CgC2	- Chester Gravelly Silt Loam
Cs	- Comus Silt Loam
Co	- Codorus Silt Loam
CuB	- Comus Silt Loam
Ha	- Hatboro Silt Loam
Kn	- Kinkora Silt Loam
Ba	- Baile Silt Loam
GlA	- Glenelg Silt Loam
GlB2	- Glenelg Silt Loam
GlC2	- Glenelg Silt Loam
GlC3	- Glenelg Silt Loam
GlD2	- Glenelg Silt Loam
GlD3	- Glenelg Silt Loam
GnA	- Glenville Silt Loam
GnB2	- Glenville Silt Loam
MlB2	- Manor Loam
MlC2	- Manor Loam
MlC3	- Manor Loam
MlD2	- Manor Loam
MlD3	- Manor Loam
MlF	- Manor Loam
MgB2	- Manor Gravelly Loam
MgC2	- Manor Gravelly Loam
MgC3	- Manor Gravelly Loam

Hydric soils

Soils with Possible hydric inclusions

Soils with slopes < 15%, significant erosion potential

NOTES:

1. THIS PLAN INDICATES APPROXIMATE LOCATION OF HOLES, SEE SHEETS 4 THRU 10 FOR EXACT LOCATIONS OF HOLES WITH RELATION TO SOILS.
2. GOLF HOLES No. 4 & 5 ARE NOT INCLUDED IN THIS SUBMISSION.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 10/20/92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/19/92

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

DIRECTOR — DATE 10/1/92

CHIEF, BUREAU OF ENGINEERING — DATE 10-1-92 JH

REVIEWED: HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED

COUNTY HEALTH OFFICER — DATE 10/13/92

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

U.S. SOIL CONSERVATION SERVICE — DATE 9/24/92

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY, MD.
9-15-92

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer — Date 6/8/92

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 conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

Robert M. Micchi, P.E. — Date 6-4-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

STATE OF MARYLAND — ROBERT M. MICCHI — No. 10,787 — REGISTERED PROFESSIONAL ENGINEER — 9-17-92

SUBDIVISION NAME

TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
---	5 & P/O 8	S-86-19, FDP PGCC-1, FDP PGCC-2 & PART OF PGCC-3 FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
920/285 1269/124	10, 11, 16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

MICCHI & MANGIONE, INC.
ENGINEERS • SURVEYORS • PLANNERS
3330 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-0078 D.C. Metro: (301) 621-5768 Fax: (410) 750-6340

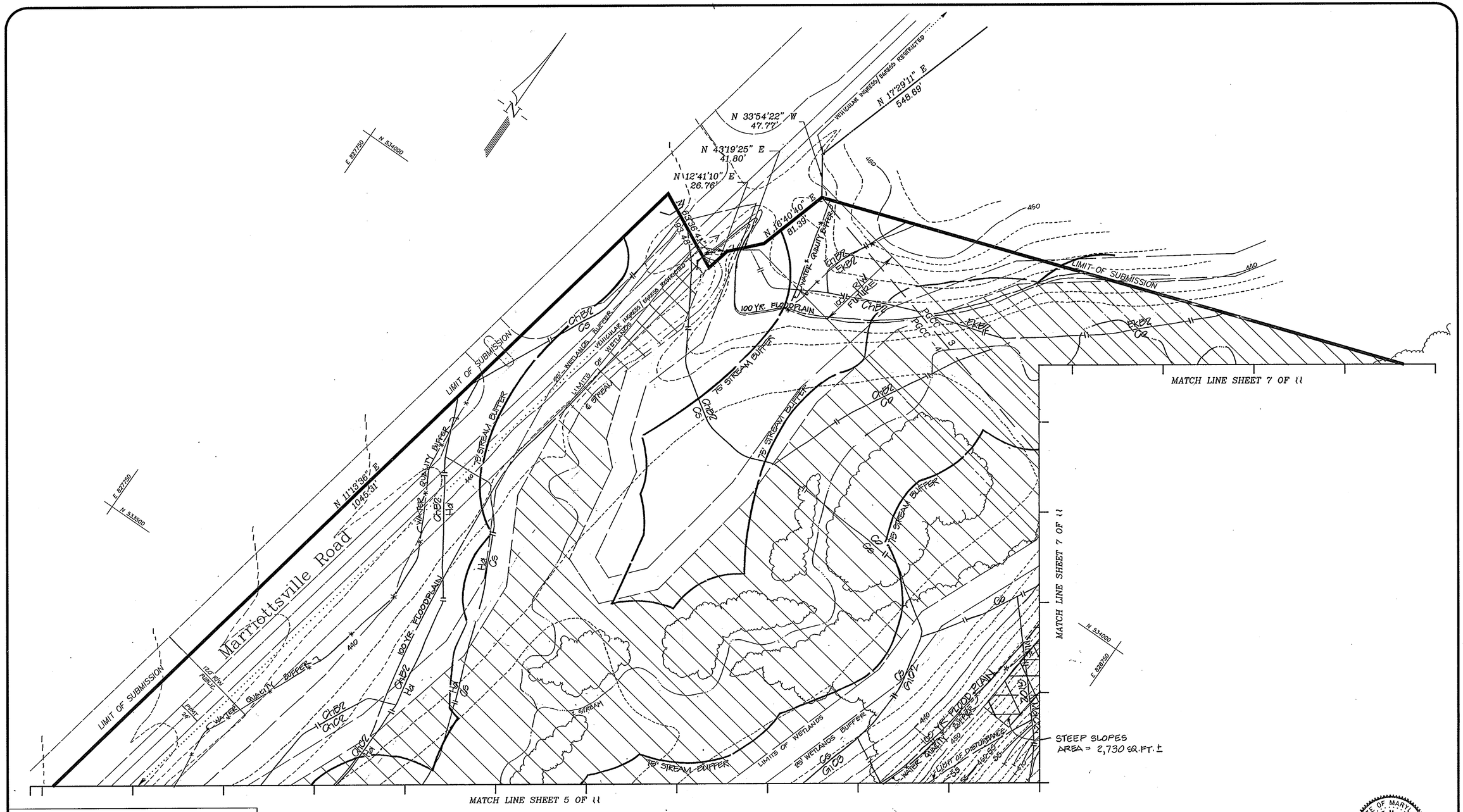
no.	revisions	date
4	REVISED HOLES 6 & 7 PER DPZ COMMENTS	4/8/93
3	ADDED HOLES 6 & 7, REMOVED HOLES 8 & 9, REVISED OTHER HOLES	4/8/93
2	REMOVED HOLE #7, RELOCATED HOLE #6, ADDED WATER QUALITY BUFFER	8/11/92
1	REMOVED LOTS #1 & 2, REVISED PER HOWARD CO. DPZ, DPW & HCSD COMMENTS	7/24/92

project	920/2002.DWG
date	MAY '92
illustration	920017.00
engineering	TJP
scale	1" = 200'
approval	PMM

PROPOSED SIX HOLES
TURF VALLEY WEST GOLF COURSE
ELECTION DISTRICT No. 3 — HOWARD COUNTY, MARYLAND
SOIL MAP

3 OF 11

SDP-92-116



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 10/20/92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/19/92

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

DIRECTOR — DATE 10/7/92

CHIEF, BUREAU OF ENGINEERING — DATE 10-1-92 (10/2/92) JH

REVIEWED: HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED

COUNTY HEALTH OFFICER — DATE 10-13-92

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

U. S. SOIL CONSERVATION SERVICE — DATE 9/24/92

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HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-15-92

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Robert M. Mochi, P.E. — Date 6-4-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

SUBDIVISION NAME
TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P/O 8	S-86-13, FDP PGCC-1 FDP PGCC-2 & PART OF PGCC-3 FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
320 / 285 1249 / 724	10, 11, 16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

7/27/92 8/11/92 9/17/92

no.	description / revisions	date
4	REVISED HOLE #6 PER DPZ COMMENTS	4/8/93
3	RED LINE REVISIONS TO DPZ	4/8/93
2	ADDED WATER QUALITY BUFFER	9/91/92
1	REVISED HOLE #5 - REVISED PER HOWARD Co. DPZ, DPW & HSCD COMMENTS	7/24/92

92007004.DWG

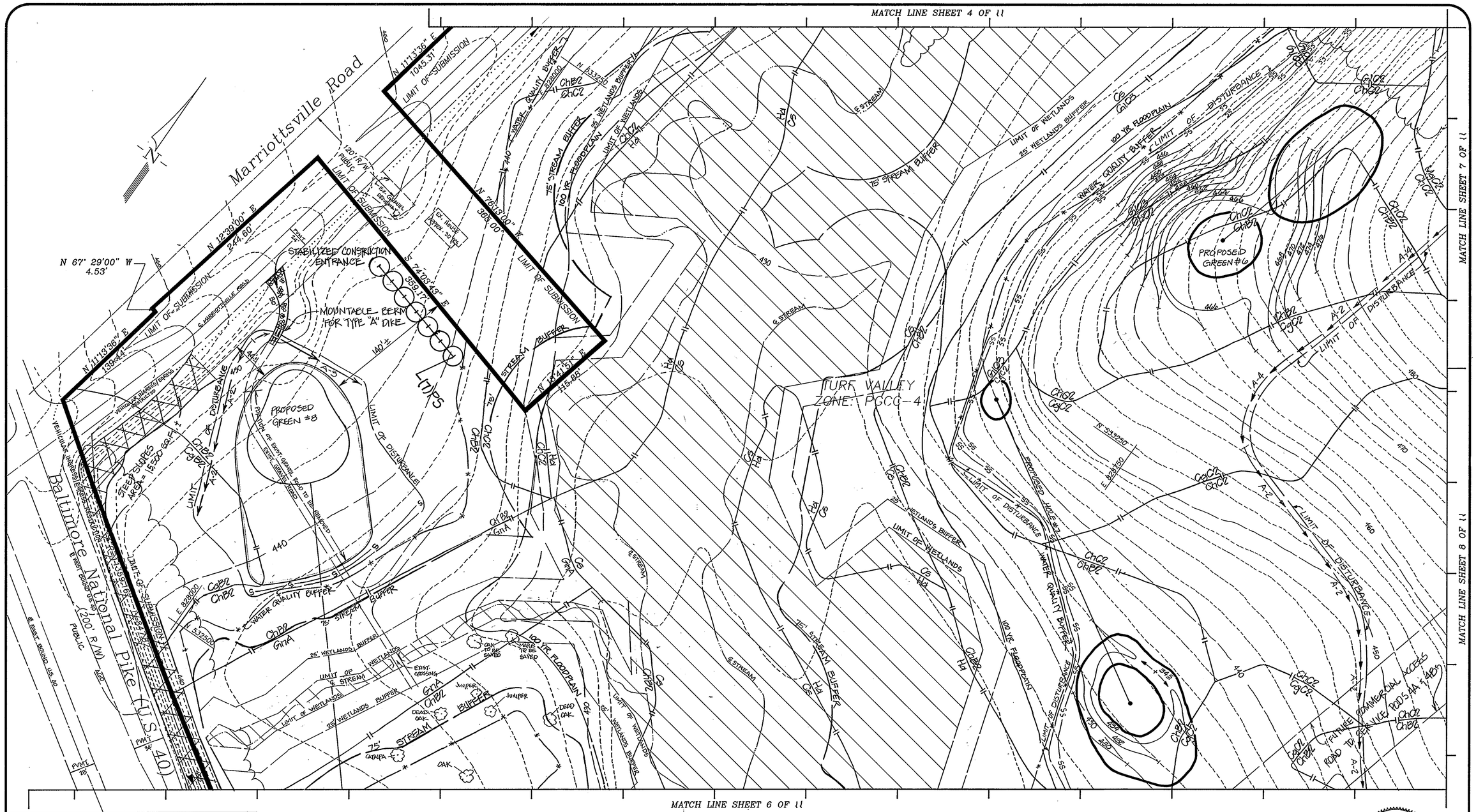
project	date
92007.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 50'	RMM

PROPOSED SIX HOLES
TURF VALLEY WEST GOLF COURSE
ELECTION DISTRICT No. 3 — HOWARD COUNTY, MARYLAND
GRADING & SEDIMENT CONTROL PLAN

MOCHI & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-0078 D.C. Metro (301) 621-5768 Fax: (410) 750-6340

4 OF 11

SDP-92-116



PROPOSED SIX HOLES
TURF VALLEY WEST GOLF COURSE
ELECTION DISTRICT No. 3 — HOWARD COUNTY, MARYLAND
GRADING & SEDIMENT CONTROL PLAN

project	date
92007.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 50'	RMM

92007005.DWG

no.	description	date
5	REVISED HOLE #7 PER DPE COMMENTS	4/8/93
4	RED LINE REVISIONS TO DPE	4/8/93
3	ADDED EXIST. KNOLL NEAR GREEN #6 & PLANTINGS	9/14/92
2	ADDED WATER & EXIST. BUILDING ALONG MARRIOTTSVILLE ROAD	9/14/92
1	ADVANCED HOLE #5 - REVISED PER HOWARD Co. DPE'S, DPW & HSCD COMMENTS	7/24/92

ROBERT M. MOCHI & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-0078 D.C. Metro. (301) 621-5768 Fax: (410) 750-6340

5 OF 11

SDP-92-116

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 10/20/92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/19/92

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

DIRECTOR — DATE 10/6/92

CHIEF, BUREAU OF ENGINEERING — DATE 10-1-92 JH

REVIEWED: HOWARD COUNTY DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED

COUNTY HEALTH OFFICER — DATE 10-13-92

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

U. S. SOIL CONSERVATION SERVICE — DATE 9/24/92

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-15-92

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Signature of Developer — Date 6/8/92

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Robert M. Mochi, P.E. — Date 6-4-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

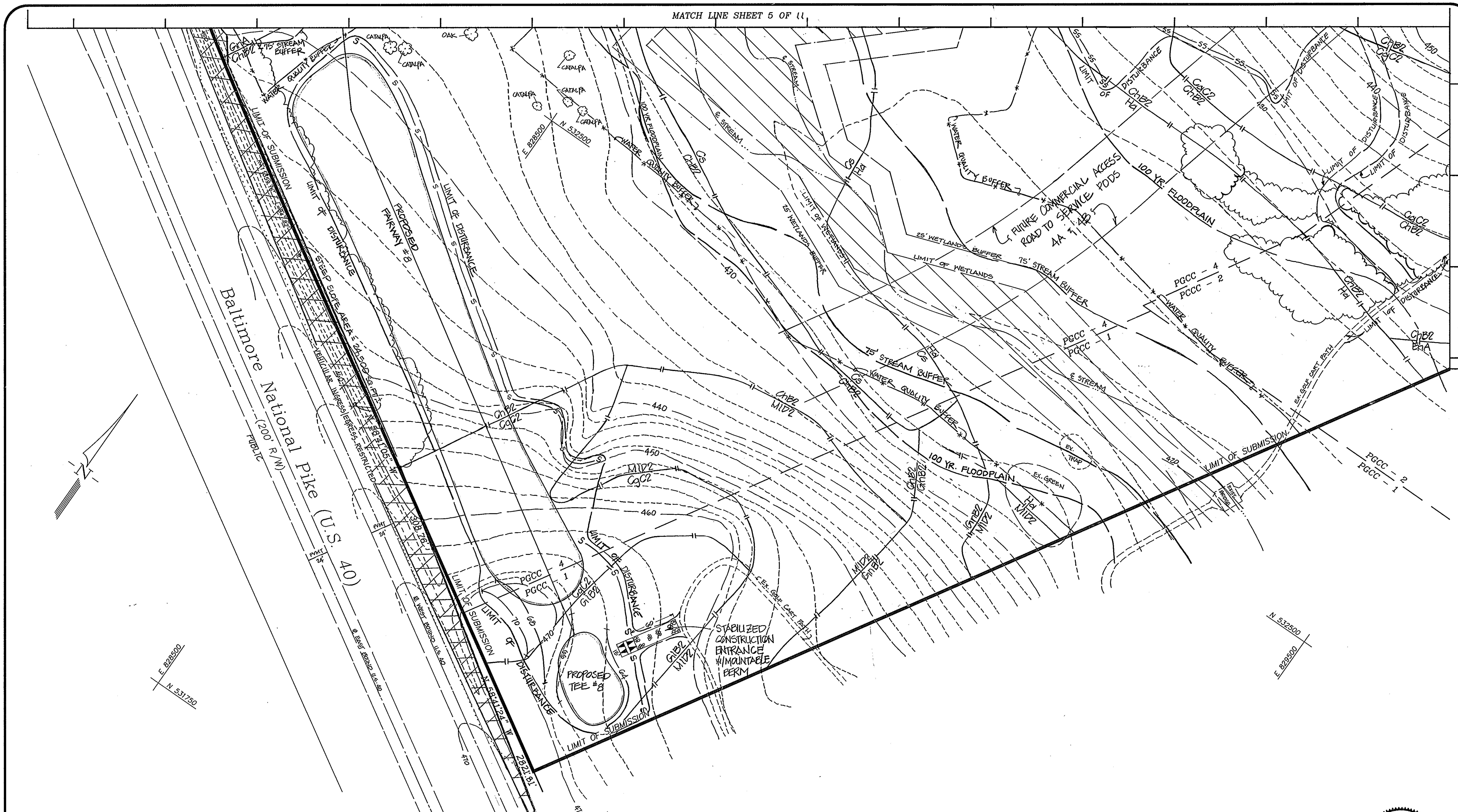
STATE OF MARYLAND — ROBERT M. MOCHI — No. 10988 — REGISTERED PROFESSIONAL ENGINEER
7/22/92 8/11/92

SUBDIVISION NAME
TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P/O 8	S-86-19, FDP PGCC-1 FDP PGCC-2 & PART OF PGCC-3 FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
220/205 1265/124	10,11,16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A



APPROVED:	HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
[signature] DIRECTOR	10/20/92 DATE
[signature] CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	10/19/92 DATE

APPROVED:	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR STORM DRAINAGE SYSTEMS AND ROADS
[signature] DIRECTOR	10/7/92 DATE
[signature] CHIEF, BUREAU OF ENGINEERING CD 9/30/92	10-1-92 DATE JH

REVIEWED:	HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED
[signature] COUNTY HEALTH OFFICER 7.Z	10-13-92 DATE

APPROVED:	REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
[signature] U.S. SOIL CONSERVATION SERVICE	9/24/92 DATE

APPROVED:	THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
[signature] HOWARD SOIL CONSERVATION DISTRICT	9/24/92 DATE

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-15-92

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[signature] Signature of Developer — 4/8/92 Date

ENGINEER'S CERTIFICATE

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[signature] Robert M. Mochi, P.E. — 6-4-92 Date

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

STATE OF MARYLAND — ROBERT M. MOCHI — No. 15391 — REGISTERED PROFESSIONAL ENGINEER
7/27/92 8/11/92 9/17/92

SUBDIVISION NAME
TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P/08	S-86-13, FDP PGCC-1; FDP PGCC-2 & PART OF PGCC-3; FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
920/285 1263/724	10, 11, 16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

92007006.DWG

project	date
92007.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 50'	RMM

no.	description	date
4	REVISED HOLE #7 PER DPZ COMMENTS	4/8/93
3	RED LINE REVISIONS TO DPZ	4/8/93
2	REMOVED HOLE #7, RELOCATED HOLE #6 & ADDED WATER QUALITY BUFFER & FUTURE ACCESS ROAD	9/10/92
1	REMOVED HOLE #5, MOVED TEE #6 OUT OF P.P., REV'S PER HO. CO. DPZ, DPW & HSCD, MOVED #6 OUT OF P.P.	7/24/92

revisions

PROPOSED SIX HOLES
TURF VALLEY WEST GOLF COURSE
ELECTION DISTRICT No. 3 — HOWARD COUNTY, MARYLAND
GRADING & SEDIMENT CONTROL PLAN

MILDENBERG, BOCHI & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-0078 D.C. Metro: (301) 621-5768 Fax: (410) 750-6340

SDP-92-116

MATCH LINE SHEET 4 OF 11

MATCH LINE SHEET 4 OF 11

MATCH LINE SHEET 5 OF 11

MATCH LINE SHEET 9 OF 11

MATCH LINE SHEET 8 OF 11

LIMIT OF SUBMISSION

75' STREAM BUFFER

℄ STREAM

LIMIT OF WETLANDS

25' WETLANDS BUFFER

100 YR. FLOODPLAIN

WATER QUALITY BUFFER

STEEP SLOPES AREA = 6900 SQ.FT.±

STEEP SLOPES AREA = 3571 SQ.FT.±

STEEP SLOPES AREA = 2521 SQ.FT.±

LIMIT OF DISTURBANCE

FUTURE 120' R/W

FUTURE 60' R/W

FUTURE COMMERCIAL ACCESS ROAD TO SERVICE PARCEL 'A'

PROPOSED TEE #6

PROPOSED GREEN #5

PROPOSED TEE #5

PROPOSED TEE #4

PROPOSED TEE #11

MOUNTABLE BERM

E 529000

N 534250

N 533750

S 66°24'40" E 1278.78'

Larry Realty Co.
424/0206
Zone: R

N 19°57'00" E 724.02'

STONE OUTLET SEDIMENT TRAP #6
DRAINAGE AREA = 1.2 AC.±
STORAGE REQUIRED = 1800 FT.³/AC. x 1.2 AC. = 2160 FT.³
STORAGE PROVIDED = 2832 CU. FT.
OUTLET LENGTH = 4/AC. x 1.2 AC. = 5 FT. (MIN.)
BOTTOM ELEV. = 441.0
CLEAN OUT ELEV. = 449.0
STONE CREST ELEV. = 452.0
BOTTOM DIMENSIONS = 15' x 20'
STORAGE DEPTH = 4'
SIDE SLOPES = 2:1

STONE OUTLET SEDIMENT TRAP #7
DRAINAGE AREA = 2.6 AC.±
STORAGE REQUIRED = 1800 FT.³/AC. x 2.6 AC. = 4680 FT.³
STORAGE PROVIDED = 5076 CU. FT.
OUTLET LENGTH = 4/AC. x 2.6 AC. = 11 FT.
BOTTOM ELEV. = 416.0
CLEAN OUT ELEV. = 427.5
STONE CREST ELEV. = 430.0
BOTTOM DIMENSIONS = 30' x 40'
STORAGE DEPTH = 3'
SIDE SLOPES = 2:1

STONE OUTLET SEDIMENT TRAP #8
DRAINAGE AREA = 1.0 AC.±
STORAGE REQUIRED = 1800 FT.³/AC. = 1.0 AC. = 1800 FT.³
STORAGE PROVIDED = 1980 CU. FT.
OUTLET LENGTH = 4 AC. x 1.0 A = 4.0 FT.
BOTTOM ELEV. = 450.0
CLEAN OUT ELEV. = 460.5
STONE CREST ELEV. = 463.0
BOTTOM DIMENSIONS = 18' x 20'
STORAGE DEPTH = 3'
SIDE SLOPES = 2:1

STONE OUTLET SEDIMENT TRAP #5

STONE OUTLET SEDIMENT TRAP #9

STATE OF MARYLAND
ROBERT M. MOCHI
No. 15332
REGISTERED PROFESSIONAL ENGINEER
7/22/92 8/11/92

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
DIRECTOR — DATE 10/20/92
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/9/92

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR STORM DRAINAGE SYSTEMS AND ROADS
DIRECTOR — DATE 10/6/92
CHIEF, BUREAU OF ENGINEERING CD 9/30/92 — DATE 10-1-92 JH

REVIEWED: HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED
COUNTY HEALTH OFFICER — DATE 10-13-92

APPROVED: REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
U.S. SOIL CONSERVATION SERVICE — DATE 9/24/92

APPROVED: THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-15-92

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer — Date 6/8/92

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 conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

Robert M. Mochi — Date 6-4-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

SUBDIVISION NAME
TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P/O 8	S-86-13, FDP PGCC-1 FDP PGCC-2 & PART OF PGCC-3 FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
320/225 1269/724	10, 11, 16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

920007.00.DWG

project	date
920007.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 50'	RMM

no.	description revisions	date
4	REVISED DUE TO DPZ COMMENTS (HOLE #6)	4/8/93
3	RED LINE REVISIONS TO DPZ	4/8/93
2	RELOCATED PATH, CONSTRUCTION TRAILER, TEE #11 & REMOVED HOLE #4 - REVISED PER HOWARD CO. DPZ	9/01/92
1	DPW & M&SD COMMENTS	7/24/92

PROPOSED SIX HOLES
TURF VALLEY WEST GOLF COURSE
ELECTION DISTRICT No. 3 HOWARD COUNTY, MARYLAND
GRADING & SEDIMENT CONTROL PLAN

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

MILDENBERG, MOCHI & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • LAND PLANNERS
3300 North Ridge Road, Suite 285, Ellicott City, Maryland 21043-3350
(410) 461-0028 D.C. Metro: (301) 621-5768 Fax: (410) 750-6340

7 OF 11

SDP-92-116

MATCH LINE – SHEET 7 OF 11

MATCH LINE – SHEET 5 OF 11

MATCH LINE – SHEET 6 OF 11

MATCH LINE – SHEET 9 OF 11

MATCH LINE – SHEET 10 OF 11

FUTURE COMMERCIAL ACCESS ROAD TO SERVICE PODS 4A & 4B ±

LIMIT OF DISTURBANCE
EXIST. GRAVEL ROAD
LIMIT OF DISTURBANCE

75' STREAM BUFFER
WATER QUALITY BUFFER

STONE OUTLET SEDIMENT TRAP #3

STONE OUTLET SEDIMENT TRAP #3
DRAINAGE AREA = 2.7 AC. ±
STORAGE REQUIRED = 1800 FT.³/AC. x 2.7 AC. = 4860 FT.³
STORAGE PROVIDED = 5220 CU. FT.
OUTLET LENGTH = 4 (AC.) x 2.7 AC. = 11 FT.
BOTTOM ELEV. = 469.0
CLEAN OUT ELEV. = 471.0
STONE CREST ELEV. = 474.0
BOTTOM DIMENSIONS = 15' x 30'
DEPTH = 4'
SIDE SLOPES = 2:1

PROPOSED TEE #4

FUTURE 60' R/W

STEEP SLOPES AREA = 100 SQ. FT. ±

EXIST. TEE

EXIST. CART PATH

EXIST. GREEN

PGCC-3
PGCC-2

PGCC-4
PGCC-2

E 830500
N 533750

LIMIT OF SUBMISSION

N 533750
E 830500

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 10/20/92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/19/92

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

DIRECTOR — DATE 10/1/92

CHIEF, BUREAU OF ENGINEERING — DATE 10-1-92 JH

REVIEWED: HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED

COUNTY HEALTH OFFICER — DATE 10-13-92

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

U.S. SOIL CONSERVATION SERVICE — DATE 9/24/92

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-15-92

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer — Date 6/8/92

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 conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

Robert M. Mochi, P.E. — Date 6-4-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

STATE OF MARYLAND — ROBERT M. MOCHI — No. 6492 — REGISTERED PROFESSIONAL ENGINEER — 7/27/92 8/11/92

SUBDIVISION NAME
TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P/O 8	S-86-13, FDP PGCC-1, FDP PGCC-2 & PART OF PGCC-3, FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
920/225, 10609/124	10,11,16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

no.	description	date
3	RED LINE REVISIONS TO DPZ	9/8/92
2	ADDED WATER QUALITY BUFFER, VINTAGE ACCESS ROAD	8/6/92
1	REVISED PER HOWARD CO. DPZ, DPW & HSCD COMMENTS	7/24/92

9200709.DWG

project	date
920097.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 50'	RMM

PROPOSED SIX HOLES

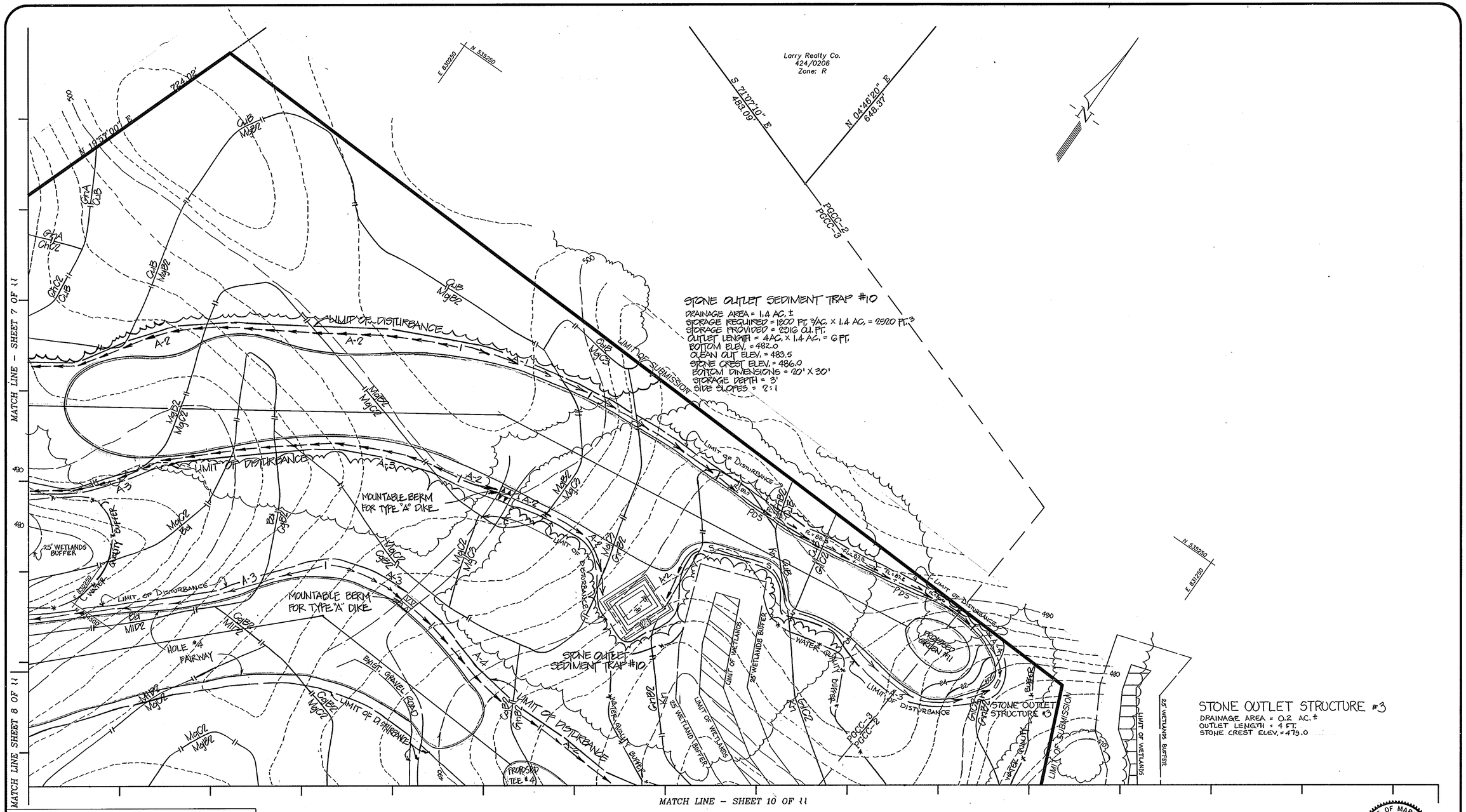
TURF VALLEY WEST GOLF COURSE

ELECTION DISTRICT No. 3 — HOWARD COUNTY, MARYLAND

GRADING & SEDIMENT CONTROL PLAN

MILDENBERG, MOCHI & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-0078 D.C. Metro: (301) 621-5768 Fax: (410) 750-6340

SDP-92-116



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 10/20/92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/19/92

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

DIRECTOR — DATE 10/9/92

CHIEF, BUREAU OF ENGINEERING — DATE 10-1-92 JH

REVIEWED: HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED

COUNTY HEALTH OFFICER — DATE 10-13-92

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

U.S. SOIL CONSERVATION SERVICE — DATE 9/24/92

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-15-92

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer — Date 6/8/92

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 conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

Robert M. Mochi, P.E. — Date 6-9-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD – PENTHOUSE
LUTHERVILLE, MARYLAND 21093

SUBDIVISION NAME
TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P10 B	S-86-13, FDP - PGCC-1 FDP PGCC-2 & PART OF PGCC-3 FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
920/205 1203/724	10,11,16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

PROPOSED SIX HOLES
TURF VALLEY WEST GOLF COURSE
ELECTION DISTRICT No. 3
GRADING & SEDIMENT CONTROL PLAN

no.	description	date
4	REVISED LINE REVISIONS TO DPZ	4/12/93
3	MOVED TEE #3 & PARTIAL PARKWAY #3	9/14/92
2	ADDED WATER QUALITY BUFFER	8/10/92
1	REVISED PER HOWARD CO. DPW, DPZ & HSD COMMENTS	7/20/92

revisions

project	date
92007.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 50'	RMM

92007009.DWG

MILDENBERG, MOCHI & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-0078 D.C. Metro: (301) 621-5768 Fax: (410) 750-6340

STATE OF MARYLAND
ROBERT M. MOCHI
No. 10143
REGISTERED
PROFESSIONAL ENGINEER
7/27/92 9/17/92 8/11/92

9 OF 11

SDP-92-116

SEDIMENT CONTROL
SEQUENCE OF CONSTRUCTION

1. Obtain grading permit.
2. Install sediment control devices for each hole before work for that hole is commenced.
3. Clear and grub and construct tees, green and fairways.
4. Stabilize all disturbed areas in accordance with standard specifications.
5. With approval of sediment control inspector, remove sediment control devices.

SEDIMENT CONTROL NOTES

1. 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 (313-2437).
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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. Impacts to the riparian corridor and nontidal wetland areas for equipment access and sediment control devices should be minimized to the greatest extent possible. All unavoidable temporary impact areas should be restored to pre construction contours and vegetation within 100 feet upstream and downstream of the project site.
4. Sediment controls should be maintained after every storm event. Inspection of the sediment controls should occur at a minimum of two week intervals.
5. Clearing in the riparian corridor should be minimized to the greatest extent possible.
6. Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within:
   a) 7 calendar days for all perimeter slopes and all slopes greater than 3:1;
   b) 14 days as to all other disturbed or graded areas on the project site.
7. All sediment traps shown must be fenced and warning signs posted around their perimeter in accordance with Volume 1, Chapter 12 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
8. 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), sod (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.
9. 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.
10. Site Analysis:

Total Area of Site:	29,181,230.60 SQ FT = 670.21 AC.
Area Disturbed:	1,264,834.40 SQ FT = 29.04 AC.
Area to be roofed of paved:	0 SQ FT = 0.00 AC.
Area to be vegetatively stabilized:	1,264,834.40 SQ FT = 29.04 AC.
Total Cut:	5959 CU YD
Total Fill:	5910 CU YD

11. Additional sediment controls must be provided, if deemed necessary by the Howard County DILP sediment control Inspector.
12. Earthwork quantities indicated in the Site Analysis are for sediment control purposes only, the contractor shall compute his own quantities.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, unless previously loosened.

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 square feet).

Seeding: For periods March 1 through April 30 and from August 15 through November 15, seed with 2-1/2 bushels per acre of annual rye (3.2 lbs/1000 square feet). For the period May 1 through August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 square feet). For the period November 16 through February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 square feet) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch, anchoring tool or 218 gallons per acre (5 gallons/1000 square feet) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gallons/1000 square feet) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, unless previously loosened.

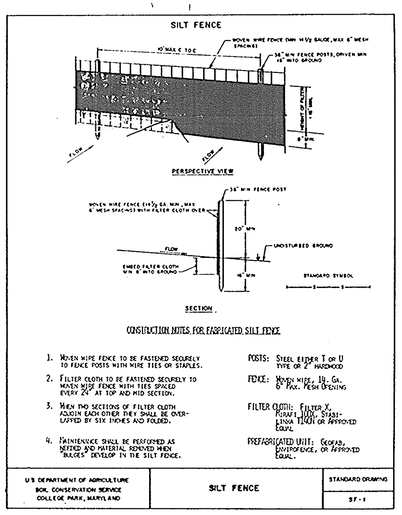
Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

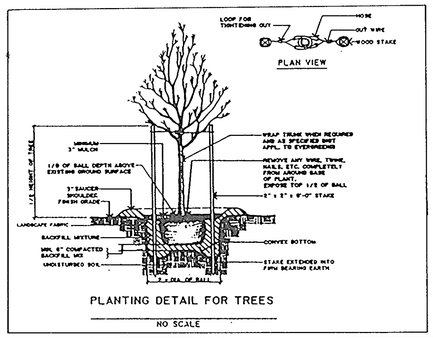
1. Preferred: Apply two (2) tons per acre dolomitic limestone (92 lbs/1000 square feet) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs/1000 square feet) before seeding. Harrow or disc into upper three (3) inches of soil. At time of seeding, apply 100 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs/1000 square feet).
2. Acceptable: Apply two (2) tons per acre dolomitic limestone (92 lbs/1000 square feet) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 square feet) before seeding. Harrow or disc into upper three (3) inches of soil.

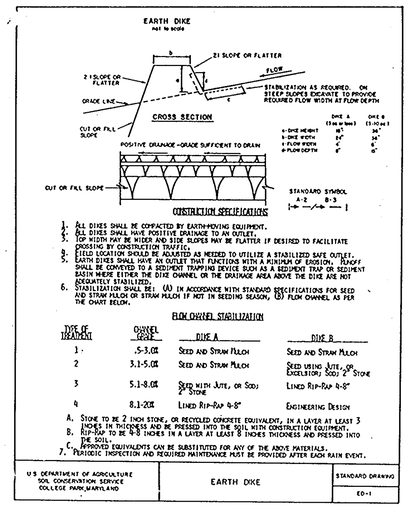
Seeding: For the periods March 1 through April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 square feet) of Kentucky 31 Tall Fescue. For the period May 1 through July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 square feet) of weeping lovegrass. During the period of October 16 through February 28, protect site by: Option 1) 2 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 60 lbs per acre Kentucky 31 Tall Fescue and mulch with 2 tons per acre well anchored straw.

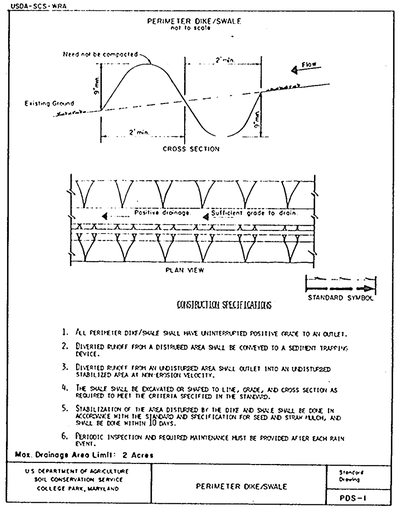
Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 square feet) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch, anchoring tool or 218 gallons per acre (5 gallons/1000 square feet) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gallons/1000 square feet) for anchoring.

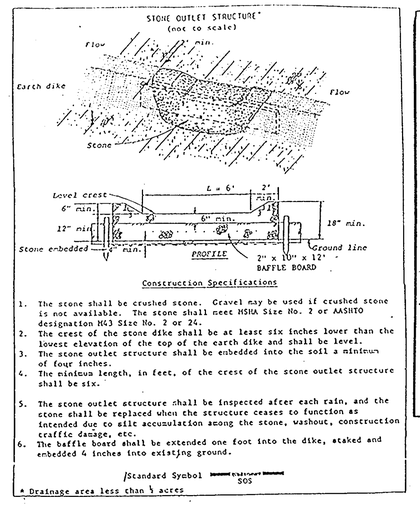
Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

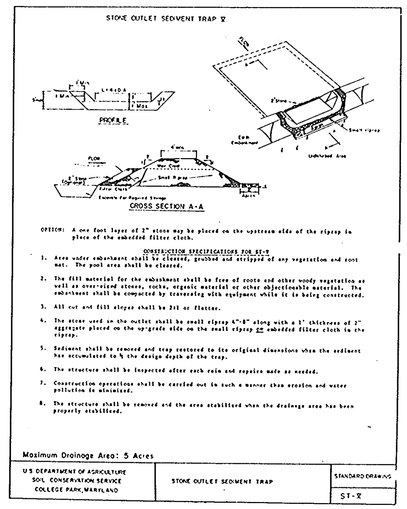


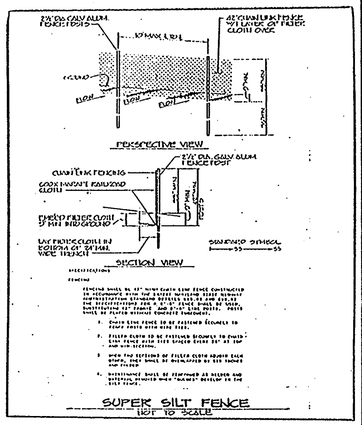


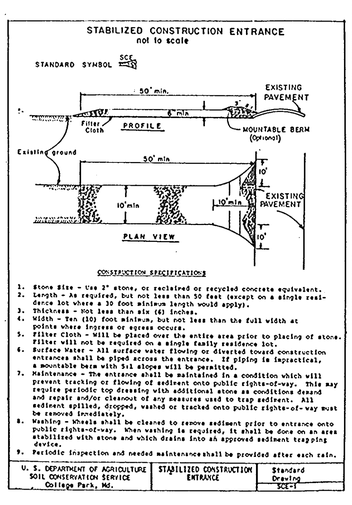












PLANT LIST:

KEY	QUAN.	BOTANICAL NAME	COMMON NAME	SIZE	COND.
PE	7	PINUS STROBUS	WHITE PINE	5-6' HT.	B&E

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR — DATE 10/20/92

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 10/19/92

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

DIRECTOR — DATE 10/2/92

CHIEF, BUREAU OF ENGINEERING — DATE 10-1-92 JH

REVIEWED: HOWARD COUNTY HEALTH DEPARTMENT NO WATER OR SANITARY FACILITIES REQUIRED

COUNTY HEALTH OFFICER — DATE 10-12-92

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

U. S. SOIL CONSERVATION SERVICE — DATE 9/24/92

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 9/24/92

PLAN APPROVAL STAMP

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-15-92

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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 onsite inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer — Date 6/8/92

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 conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

Robert M. Mochi, P.E. — Date 6-4-92

OWNER

MANGIONE ENTERPRISES OF TURF VALLEY
1205 YORK ROAD - PENTHOUSE
LUTHERVILLE, MARYLAND 21093

SUBDIVISION NAME

TURF VALLEY WEST GOLF COURSE
PROPOSED SIX HOLES

SECT./AREA	LOT/PARCEL	PREVIOUS FILE
N/A	50 & P/O B	S-86-13, FDP PGCC-1 FDP PGCC-2 & PART OF PGCC-3 FDP PART OF PGCC-3 & PGCC-4

PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
920/205 1203/124	10, 11, 16	PGCC	16	3	6022 & 6030

WATER CODE	SEWER CODE
N/A	N/A

Robert M. Mochi
No. 6222
PROFESSIONAL ENGINEER
STATE OF MARYLAND

9200701.DWG

project	date
92007.00	MAY '92
illustration	engineering
TJP	TJP
scale	approval
1" = 50'	RMM

no.	description	date
3	REVISIONS	4/8/93
2	ADDED SUPER SILT FENCE DET.	9/9/92
1	REVISED NOTE #5, PGCC NO. 1 & ADDED SCE DETAIL, PER HSCD	7/24/92

PROPOSED SIX HOLES
TURF VALLEY WEST GOLF COURSE
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 3
SEDIMENT CONTROL NOTES & DETAILS

ENGINEERS • SURVEYORS • PLANNERS
3300 N. 'n Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350
(410) 461-0078 D.C. Metro (301) 621-5768 Fax: (410) 750-6340