

PRINCE GEORGE'S COUNTY

9400 PEPPERCORN PLACE
SUITE 600
LANDOVER, MARYLAND 20785

CRICKETT FIELD WATER QUALITY FACILITY DESIGN ADELPHI MANOR, MARYLAND

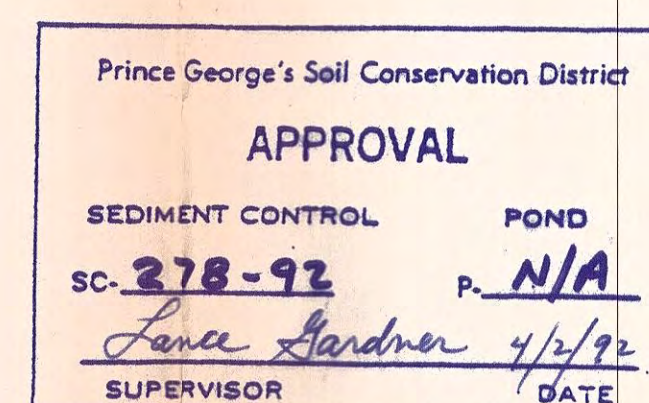
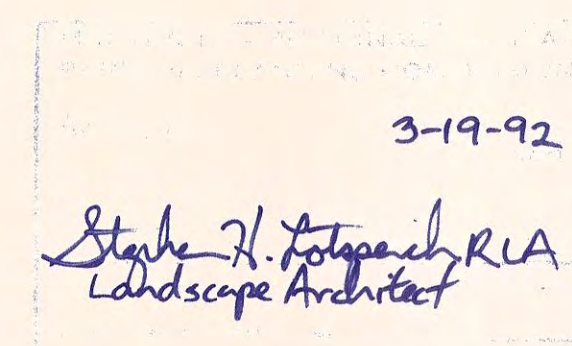
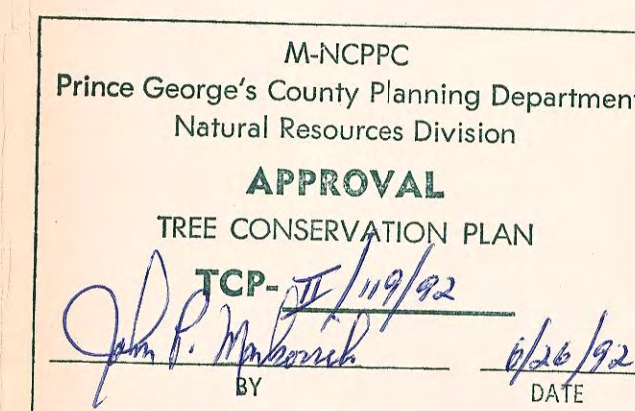
CRICKETT FIELD SHEET INDEX

SD	SC		
	1 OF 3	1 OF 7	COVER SHEET
1 OF 4	2 OF 3	2 OF 7	SITE, GRADING AND SOIL BORING LOCATION PLAN
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RIGHT-OF-WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENTS, THEY ARE FOR ASSISTANCE IN INTERPERTING THE PLANS, THEY ARE NOT OFFICIAL. FOR OFFICIAL FEE RIGHT-OF-WAY AND EASEMENT INFORMATION SEE APPROPRIATE RIGHT-OF-WAY PLAT OR PLATS.

CERTIFICATE OF COMPLIANCE - I HEREBY CERTIFY THAT THE GRADING SHOWN HEREON CONFORMS WITH SUBTITLE FOUR, DIVISION THREE OF THE PRINCE GEORGE'S COUNTY BUILDING CODE.

THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE PURPOSES ONLY. NO GUARANTEE IS MADE AS TO THE ACCURACY OF SAID LOCATION. CONTRACTORS SHALL NOTIFY "MISS UTILITY" TELEPHONE NUMBER 1-800-257-7777 FOR UTILITY LOCATIONS AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.



DEPARTMENT OF ENVIRONMENTAL RESOURCES

WATERSHED PROTECTION BRANCH
C.I.P. PRIORITY III
PROJECT ADMINISTRATION SECTION

CRICKETT FIELD
WATER QUALITY FACILITY DESIGN

Prepared By:
ENGINEERING
TECHNOLOGIES
ASSOCIATES, INC.

DESIGNED: OBE
DRAWN: RUC
CHECKED BY: MLC
PROJECT MANAGER
Job No.
C.I.P. NO.
CONTRACT NO.



THE PRINCE GEORGE'S COUNTY GOVERNMENT

INGLEWOOD III OFFICE BUILDING
9400 PEPPERCORN PLACE, SIXTH FLOOR
LANDOVER, MARYLAND 20785
(301) 925-5921

DEPARTMENT OF ENVIRONMENTAL RESOURCES
WATERSHED PROTECTION BRANCH
CONCEPT SECTION

APPROVAL NO. CSD 928027690
Branch - 13

Approval has been given for the stormwater concept plan for:

Development Name: Cricket Field Retrofit

Applicant's Name: WPB-DEK

Engineer/Architect/Surveyor: WPB-DEK

- ☒ Public storm drainage/stormwater management construction required
☐ Private storm drainage/stormwater management construction required
☒ Watershed Protection Branch (WPB) design approval required
☐ Surface drainage/floodplain easement required
☐ Infiltration
☐ 2-10 year attenuation
☐ 100 year attenuation
☐ Other
☐ A stormwater management fee of \$ None must be paid (in lieu of providing on-site attenuation/quality control measures) when application for building permit or stormwater permit is made.
☒ Conditions of Approval:
1) Floodplain approval required.
2) Wetland permits.

Approved by: Maura C. McMillen
Approval date: 12-12-91
Expiration date: 12-12-96

OWNER'S / DEVELOPERS CERTIFICATION

"I/WE HEREBY CERTIFY THAT I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN AND THAT ALL CLEARING, GRADING, CONSTRUCTION AND OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY 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.

SIGNATURE: Stan E. Wildesen, P.E. DATE: 3/10/92
NAME: STAN E. WILDESEN, P.E. TITLE: BRANCH MANAGER
PHONE NO.: (301) 925-5900

PRINCE GEORGE'S COUNTY
GOVERNMENT
9400 PEPPERCORN PLACE SUITE 600
LANDOVER, MARYLAND 20785

CONSULTANTS CERTIFICATE

"I CERTIFY THAT THIS PLAN OF EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICABLE AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PRINCE GEORGE'S SOIL CONSERVATION DISTRICT STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL."

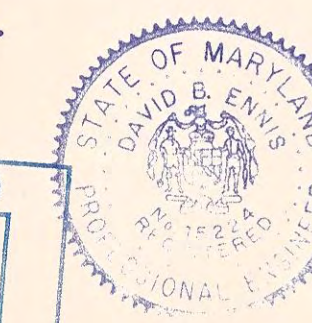
I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER AND OR DEVELOPER.

SIGNATURE: David B. Ennis MD. LICENSE NO. 15224 DATE: 3-4-92
NAME: DAVID B. ENNIS

ENGINEERING TECHNOLOGIES ASSOCIATES, INC.

ENGINEERS * PLANNERS * SURVEYORS
3458 ELLICOTT CENTER DRIVE SUITE #101
ELLICOTT CITY, MARYLAND 21043
PHONE: (301) 461-9920

COVER SHEET



PERMIT REQUIREMENTS

CONCEPTUAL APPROVAL	15 REQ'D
FLOODPLAIN APPROVAL	15 REQ'D
D.E.R. GRADING	15 REQ'D
PGSCD. SED. CONTROL	15 REQ'D
P.G. COUNTY DPW&T.	NOT REQ'D
M.N.C.P. & P.C.	15 REQ'D
PUBLIC UTILITY	NOT REQ'D
STATE HWY. ADM.	NOT REQ'D
STATE BD. HEALTH	NOT REQ'D
WRA. WATERWAY CONST.	NOT REQ'D
WRA. DAM SAFETY (WAVIER)	NOT REQ'D
ARMY CORPS OF ENGR'S	NOT REQ'D
MARYLAND S.W.M. ADM. APPROVAL	NOT REQ'D
TREE CONSERVATION PLAN	15 REQ'D

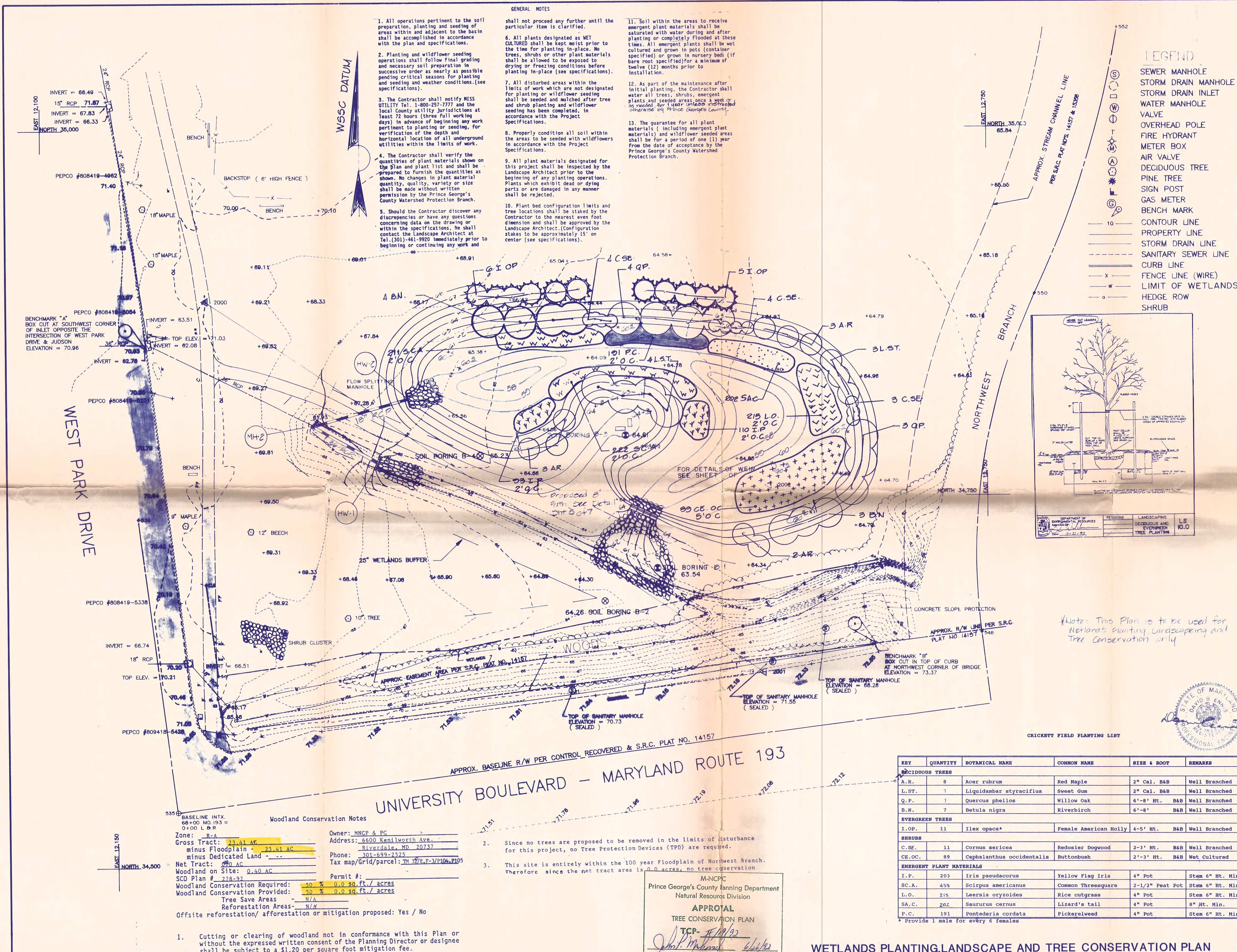
AS-BUILT DATA

CONTRACT NO.	
CONTRACTOR	
INSPECTOR	
DATE FINALED	
FINALED BY	

DATE	REVISIONS

DEPARTMENT
OF
ENVIRONMENTAL RESOURCES
WATERSHED PROTECTION BRANCH
PRINCE GEORGE'S COUNTY, MARYLAND

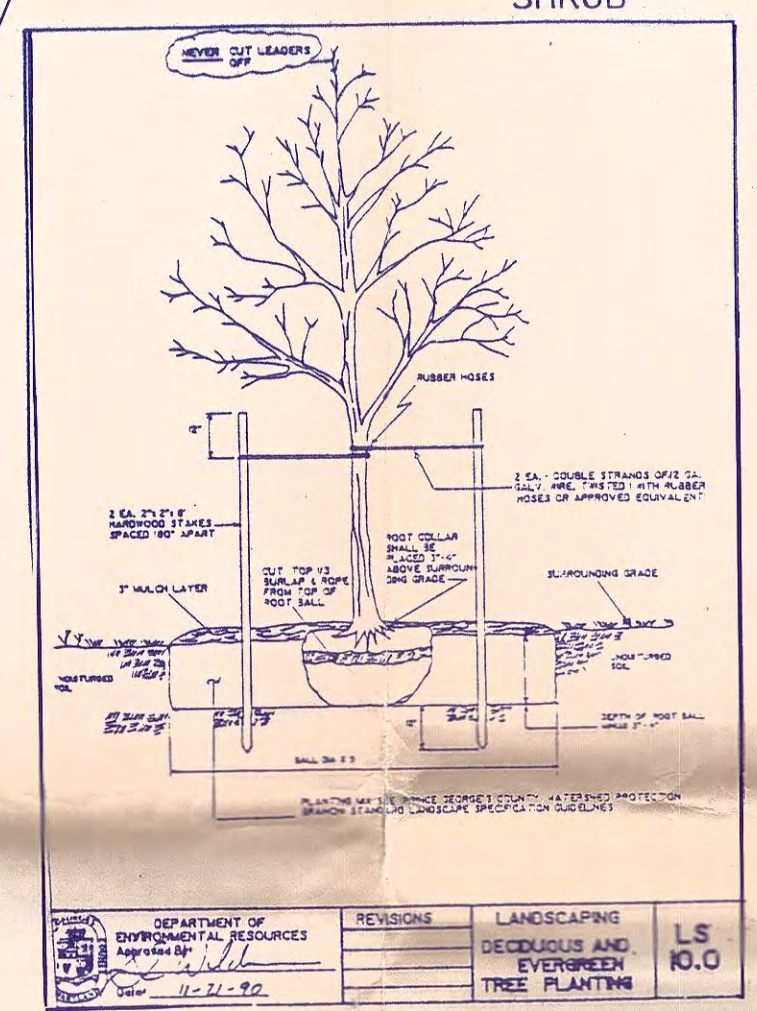
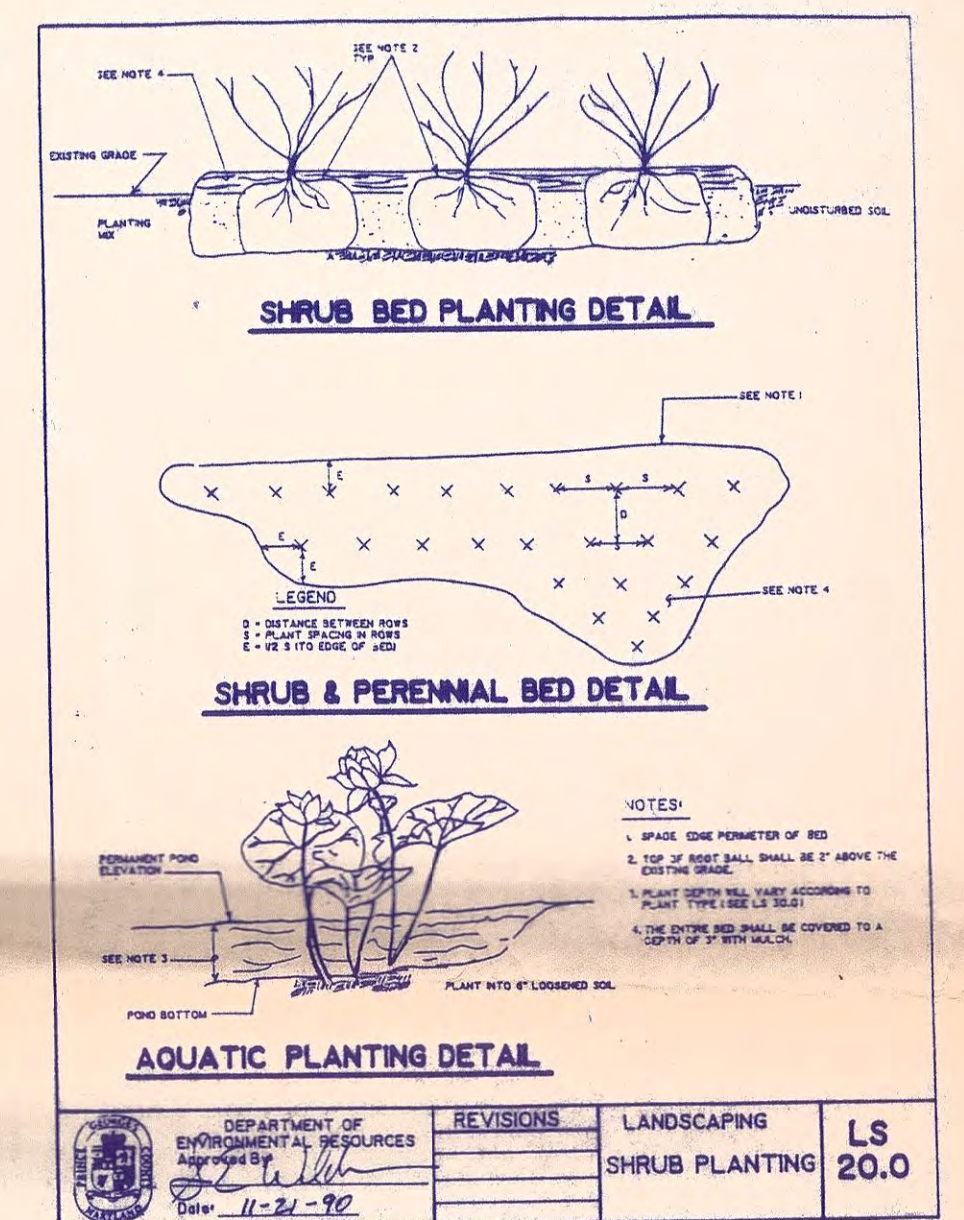
SIGNATURE: Stan E. Wildesen DATE: 3/10/92
BRANCH MANAGER
SCALE: NONE SC 1 OF 3
DWG 1 OF 7
APPROVED SECTION HEAD
DATE: 3/5/92
DESIGNED: OBE
DRAWN: RUC
CHECKED BY: MLC
PROJECT MANAGER
Job No.
C.I.P. NO.
CONTRACT NO.



- GENERAL NOTES**
1. All operations pertinent to the soil preparation, planting and seeding of areas within and adjacent to the basin shall be accomplished in accordance with the plan and specifications.
 2. Planting and wildflower seeding operations shall follow final grading and necessary soil preparation in successive order as nearly as possible pending critical seasons for planting and seeding and weather conditions (see specifications).
 3. The Contractor shall notify MISS UTILITY Tel. 1-800-257-7777 and the local County utility jurisdictions at least 72 hours (three full working days) in advance of beginning any work pertinent to planting or seeding, for verification of the depth and horizontal location of all underground utilities within the limits of work.
 4. The Contractor shall verify the quantities of plant materials shown on the plan and plant list and shall be prepared to furnish the quantities as shown. No changes in plant material quantity, quality, variety or size shall be made without written permission by the Prince George's County Watershed Protection Branch.
 5. Should the Contractor discover any discrepancies or have any questions concerning data on the drawing or within the specifications, he shall contact the Landscape Architect at Tel. (301)-461-9920 immediately prior to beginning or continuing any work and shall not proceed any further until the particular item is clarified.
 6. All plants designated as WET CULTURED shall be kept moist prior to the time for planting in-place. No trees, shrubs or other plant materials shall be allowed to be exposed to drying or freezing conditions before planting in-place (see specifications).
 7. All disturbed areas within the limits of work which are not designated for planting or wildflower seeding shall be seeded and mulched after tree and shrub planting and wildflower seeding has been completed, in accordance with the Project Specifications.
 8. Properly condition all soil within the areas to be seeded with wildflowers in accordance with the Project Specifications.
 9. All plant materials designated for this project shall be inspected by the Landscape Architect prior to the beginning of any planting operations. Plants which exhibit dead or dying parts or are damaged in any manner shall be rejected.
 10. Plant bed configuration limits and tree locations shall be staked by the Contractor to the nearest even foot dimension and shall be approved by the Landscape Architect. (Configuration stakes to be approximately 15' on center (see specifications)).
 11. Soil within the areas to receive emergent plant materials shall be saturated with water during and after planting or completely flooded at these times. All emergent plants shall be wet cultured and grown in pots (containers) or grown in nursery beds (if bare root specified) for a minimum of twelve (12) months prior to installation.
 12. As part of the maintenance after initial planting, the Contractor shall water all trees, shrubs, emergent plants and seeded areas once a week or needed for 1 year (unless otherwise specified by Prince George's County).
 13. The guarantee for all plant materials (including emergent plant materials) and wildflower seeded areas shall be for a period of one (1) year from the date of acceptance by the Prince George's County Watershed Protection Branch.

- LEGEND**
- SEWER MANHOLE
 - STORM DRAIN MANHOLE
 - STORM DRAIN INLET
 - WATER MANHOLE
 - VALVE
 - OVERHEAD POLE
 - FIRE HYDRANT
 - METER BOX
 - AIR VALVE
 - DECIDUOUS TREE
 - PINE TREE
 - SIGN POST
 - GAS METER
 - BENCH MARK
 - CONTOUR LINE
 - PROPERTY LINE
 - STORM DRAIN LINE
 - SANITARY SEWER LINE
 - CURB LINE
 - FENCE LINE (WIRE)
 - LIMIT OF WETLANDS
 - HEDGE ROW
 - SHRUB

- WETLAND PLANTING NOTES**
- 1) Upon completion of final grading, the contractor shall remove any stones, debris or construction materials larger than two inches (2") in any dimension, then provide and spread topsoil to cover the basin floor to a minimum depth of four inches (4"). This entire area shall then be disked to a depth of six inches (6") before planting.
 - 2) To install potted plants, make a hole in the topsoil layer wide and deep enough that after planting, the topsoil in the pot is at or slightly below the top of the topsoil planting area.
 - * Peat pots must be torn in two or three places to allow for unrestricted root growth.
 - * All pots other than peat pots are to be removed right before planting.
 - 3) Bare-root plants shall be planted in holes wide enough to allow their existing roots to be spread in a natural manner radially from the root crown without bending or twisting.
 - 4) One ounce of 18-6-25 slow release fertilizer shall be incorporated into soil for each plant at the time of planting.
 - 5) Soil shall be saturated with water during and after planting, or the planting area may be completely flooded at these times (wet planting). Planting soil shall be firmly pressed around each plant to prevent flotation.
 - 6) The source of all aquatic and emergent plants shall be approved by the Prince George's County DEB, Watershed Protection Branch prior to ordering. These plants shall be grown in pots (containers) or nursery growing beds (bare root specified) for a minimum of 12 months prior to installation and shall have been wet cultivated during the entire period.
 - 7) All plant material shall be guaranteed for a period of one year after formal acceptance by Prince George's County, DEB, Watershed Protection Branch. Plants which have greater than 25% dieback or have not grown so as to emerge from the water surface, shall be replaced at the next planting season.
 - 8) Remove litter and debris as required during the first growing season and at the beginning of the second growing season.



*Note: This Plan is to be used for Wetlands Planting, Landscaping and Tree Conservation only.

CRICKETT FIELD PLANTING LIST

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE & ROOT	REMARKS
DECIDUOUS TREES					
A.R.	8	Acer rubrum	Red Maple	2" Cal. B&B	Well Branched
L.S.T.	7	Liquidambar styraciflua	Sweet Gum	2" Cal. B&B	Well Branched
Q.P.	7	Quercus phellos	Willow Oak	6'-8" Ht. B&B	Well Branched
B.N.	7	Betula nigra	Riverbirch	6'-8" Ht. B&B	Well Branched
EVERGREEN TREES					
I.O.P.	11	Ilex opaca*	Female American Holly	4-5' Ht. B&B	Well Branched
SHRUBS					
C.S.E.	11	Cornus sericea	Redosier Dogwood	2-3' Ht. B&B	Well Branched
CE.O.C.	89	Cephalanthus occidentalis	Buttombush	2'-3' Ht. B&B	Wet Cultured
EMERGENT PLANT MATERIALS					
I.P.	203	Iris pseudacorus	Yellow Flag Iris	4" Pot	Stem 6" Ht. Min.
SC.A.	435	Scirpus americanus	Common Threesquare	2-1/2" Peat Pot	Stem 6" Ht. Min.
L.O.	215	Leersia oryzoides	Rice cutgrass	4" Pot	Stem 6" Ht. Min.
SA.C.	202	Saururus cernuus	Lizard's tail	4" Pot	8" Ht. Min.
P.C.	191	Pontederia cordata	Pickersweed	4" Pot	Stem 6" Ht. Min.

* Provide 1 male for every 6 females

Woodland Conservation Notes

Owner: MNCP & PC
Address: 6600 Kenilworth Ave.,
Riverside, MD 20737
Phone: 301-699-2525
Tax map/Parcel: M 37/E R-3/P104/P105

Permit #:
SCD Plan # 278-92
Woodland Conservation Required: 10 % 0.0 sq. ft. / acres
Woodland Conservation Provided: 10 % 0.0 sq. ft. / acres
Tree Save Areas: N/A
Reforestation Areas: N/A
Offsite reforestation/afforestation or mitigation proposed: Yes / No

1. Cutting or clearing of woodland not in conformance with this Plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$1.20 per square foot mitigation fee.

2. Since no trees are proposed to be removed in the limits of disturbance for this project, no Tree Protection Devices (TPD) are required.
3. This site is entirely within the 100 year Floodplain of Northwest Branch. Therefore since the net tract area is 0.4 acres, no tree conservation

M-NCPC
Prince George's County Planning Department
Natural Resources Division

APPROVAL
TREE CONSERVATION PLAN

TCP-18932
BY: [Signature] DATE: 6/6/92

WETLANDS PLANTING, LANDSCAPE AND TREE CONSERVATION PLAN

DEPARTMENT OF ENVIRONMENTAL RESOURCES

DIVISION OF ENVIRONMENTAL
MANAGEMENT
WATERSHED PROTECTION BRANCH
PROJECT ADMINISTRATION SECTION

**CRICKETT FIELD
WATER QUALITY FACILITY
DESIGN**

ENGINEERING
TECHNOLOGIES
ASSOCIATES, INC.
3458 ELLICOTT CENTER
DRIVE SUITE 101
ELLICOTT CITY, MD 21043

DATE	REVISIONS
DEPARTMENT OF ENVIRONMENTAL RESOURCES WATERSHED PROTECTION BRANCH PRINCE GEORGE'S COUNTY, MARYLAND	
Siv 928027690 Project Name: CRICKET FIELD RETRIFIT	
Prince George's County, Maryland Department of Environmental Resources Watershed Protection Branch	
APPROVED FOR Stormwater Management and Storm Drain Only [Signature] 3/10/92 Date	
DESIGNED:	DV 345102
DRAWN:	C.I.P. NO.
CHECKED:	
PROJECT MANAGER	
CONTRACT NO.	