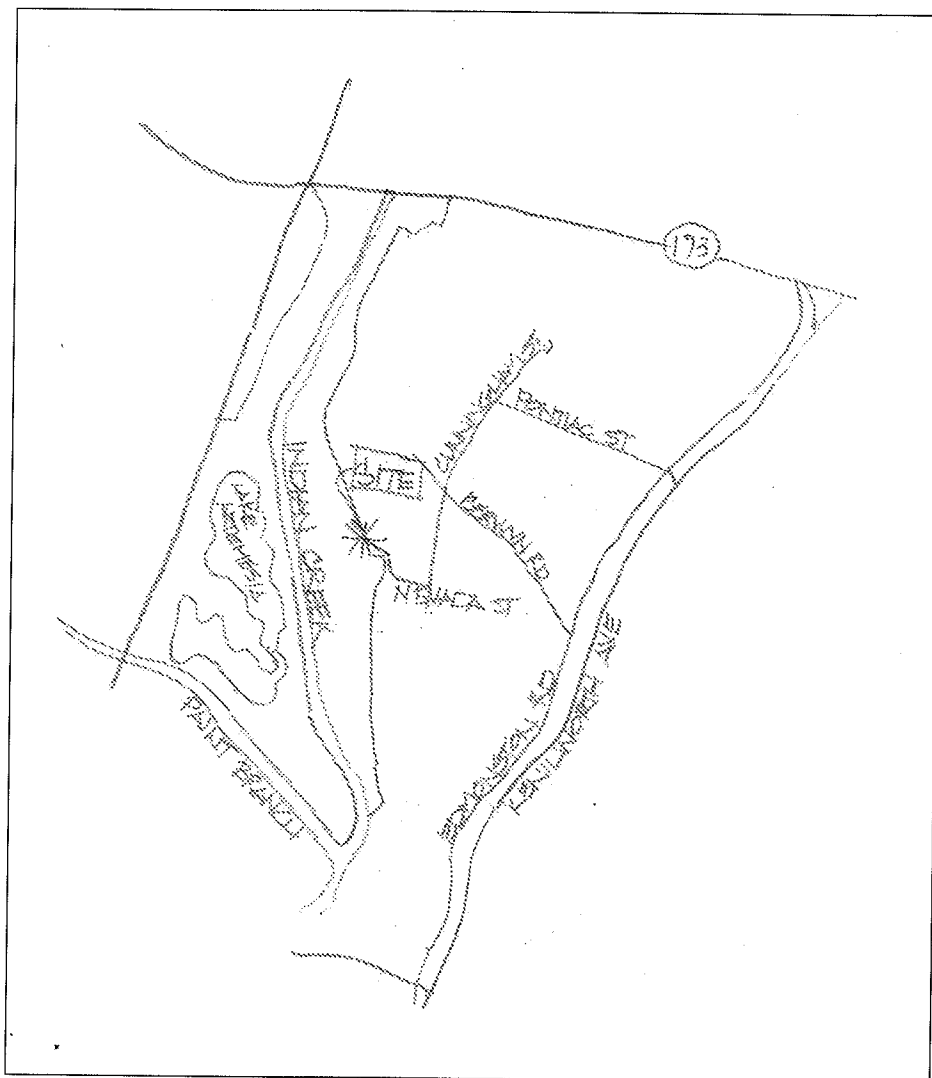


- SEQUENCE OF CONSTRUCTION**
1. ESTABLISH THAT ALL PERMITS HAVE BEEN OBTAINED. (1DAY)
 2. NOTIFY OWNER OF PROPERTY AND PRINCE GEORGE'S COUNTY INSPECTIONS AND PERMITS FOR A PRE-CONSTRUCTION MEETING AT THE PROPERTY AT LEAST 48 HOURS PRIOR TO START OF WORK. WORK MAY NOT COMMENCE UNTIL THE RESPONSIBLE PERSONNEL HAVE MET ON SITE WITH THE SEDIMENT AND EROSION CONTROL INSPECTOR TO REVIEW THE APPROVED PLANS. (1 DAY)
 3. CLEAR AND GRUB FOR SEDIMENT CONTROL AND TREE FENCE INSTALLATION ONLY. (1/2 DAY)
 4. PROVIDE TEMPORARY SEEDING AS NECESSARY THROUGHOUT CONSTRUCTION TO STABILIZE SOIL.
 5. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES SUCH AS SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE, AND TREE PROTECTION FENCING. (1 -1/2 DAYS)
 6. FIELD LOCATE TRAIL TO AVOID DISTURBANCE OF TREES UNNECESSARILY. (2 DAYS)
 7. CREATE TRAIL BED IN FIELD LOCATED AREA. (10 DAYS)
 8. LAY TRAIL BASE AND ASPHALT AS SPECIFIED ON PLANS AND SPECIFICATIONS. (7 DAYS)
 9. PROVIDE PERMANENT SEEDING AS SPECIFIED ON SHEET 3. (1/2 DAY)
 10. REPEAT STEP 2 FOR A POST CONSTRUCTION MEETING. (1 DAY)
 11. REMOVE ALL SEDIMENT CONTROLS.

- PROPERTY NOTES**
1. ZONING: R OS
 2. TOTAL AREA OF SITE: APPROXIMATELY 45 ACRES
 3. PROPOSED LIMITS OF DISTURBANCE (LOD): 12,285 SF (.28 acres)
 4. TRAIL PROJECT 926 LINEAR FEET
 5. A PORTION OF THE PROJECT IS IN THE 100-YEAR FLOOD AREA.
 6. MINIMAL DISTURBANCE TO NONTIDAL WETLANDS WILL OCCUR AS A RESULT OF THIS PROJECT.

CONTRACTOR USE OF SITE AND PREMISIS:

CONSTRUCTION OPERATIONS: LIMITED TO WITHIN 25' RIGHT-OF-WAY OF TRAIL. FINAL RIGHT-OF-WAY SHALL BE FIELD LOCATED TO AVOID LARGE TREES AND OTHER VALUABLE NATURAL RESOURCES.



Woodland Conservation Worksheet
for
Prince George's County Government Projects

Property Description or Subdivision Name: TCP-II-143-90 Indian Creek SVP

	R-O-S	
1 Zone:	44.00	
2 Gross Tract:	44.00	
3 Existing Woodland = WCT	1.05	
4 Woodland Cleared for -00	0.03	
5 Woodland Cleared for -01 Revision	1.08	
6 Total area of woodland cleared (subject to 1:1 replacement)	0.00	
7 Off-Site Mitigation Provided (afforestation)	0.00	
8 Off-Site Mitigation Provided (preservation)	0.00	
9 Woodland Conservation Requirement:	44.00	
10 Woodland Conservation Provided:	42.92	
11 Afforestation/Reforestation for -00	1.05	
12 Afforestation/Reforestation for -01 Revision	0.03	
13 Prior Credit for Off-site Mitigation	0.00	
14 Current Credit for Off-site Mitigation	0.00	
15 Off-site Mitigation provided (afforestation)	0.00	
16 Off-site Mitigation provided (preservation)	0.00	
17 Area Mitigated by Woodland Conservation Fund	0.00	
18 Total Woodland Conservation Provided	44.00	

Prepared by: ANNE GLEESON, RLA
License Number: 30384
Signed: [Signature] Date: 6-13-2011

SHEET INDEX	
SHEET NAME	SHEET NUMBER
Cover Sheet	1
TCP-II/143/90 Site Grading Plan	2
TCP-II/143/90 Topographic Survey Plan	3
TCP-II/143/90 Drainage Area Map	4
Indian Creek Stream Valley Park Trail Spur Site Plan	5

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP-II / 143 / 90

Approved by: Diana Wood Date: 11/2/90

01	[Signature]	10/25/11
02		
03		
04		
05		

INDIAN CREEK STREAM VALLEY PARK
Tax Account # 2424273; Parcel 1
Assessment District 21; Planning Area 67
Liber 05037, Folio 482

PROJECT TEAM
AG Environmental
2000
Annapolis, MD 214012
410 647 0809

PROJECT: TREE CONSERVATION PLAN
DWG TITLE: COVER
DWG NO: 1 OF 5

DATE: 9/15/2011
DRAWN BY: SLB
CHECK BY:

REVISIONS

DESCRIPTION	BY	DATE
4/11/11 Revision to expand existing TCP-II AEG	AEG	
8/15/11 Revision to address comments	AEG	
7/11/11 Revision to address comments	AEG	

AG Environmental
Restoration, LLC
180 Dividing Court
Suite 100
Annapolis, MD 21401
Phone: (410) 647-0809
Fax: (410) 647-0808
www.agenvironmental.com

STATE OF MARYLAND
DEPARTMENT OF THE ENVIRONMENT
PRINCE GEORGE'S COUNTY
COUNTYWIDE PLANNING DIVISION
ENVIRONMENTAL PLANNING SECTION
OCT 14 2011

RECEIVED

PROPERTY INFORMATION

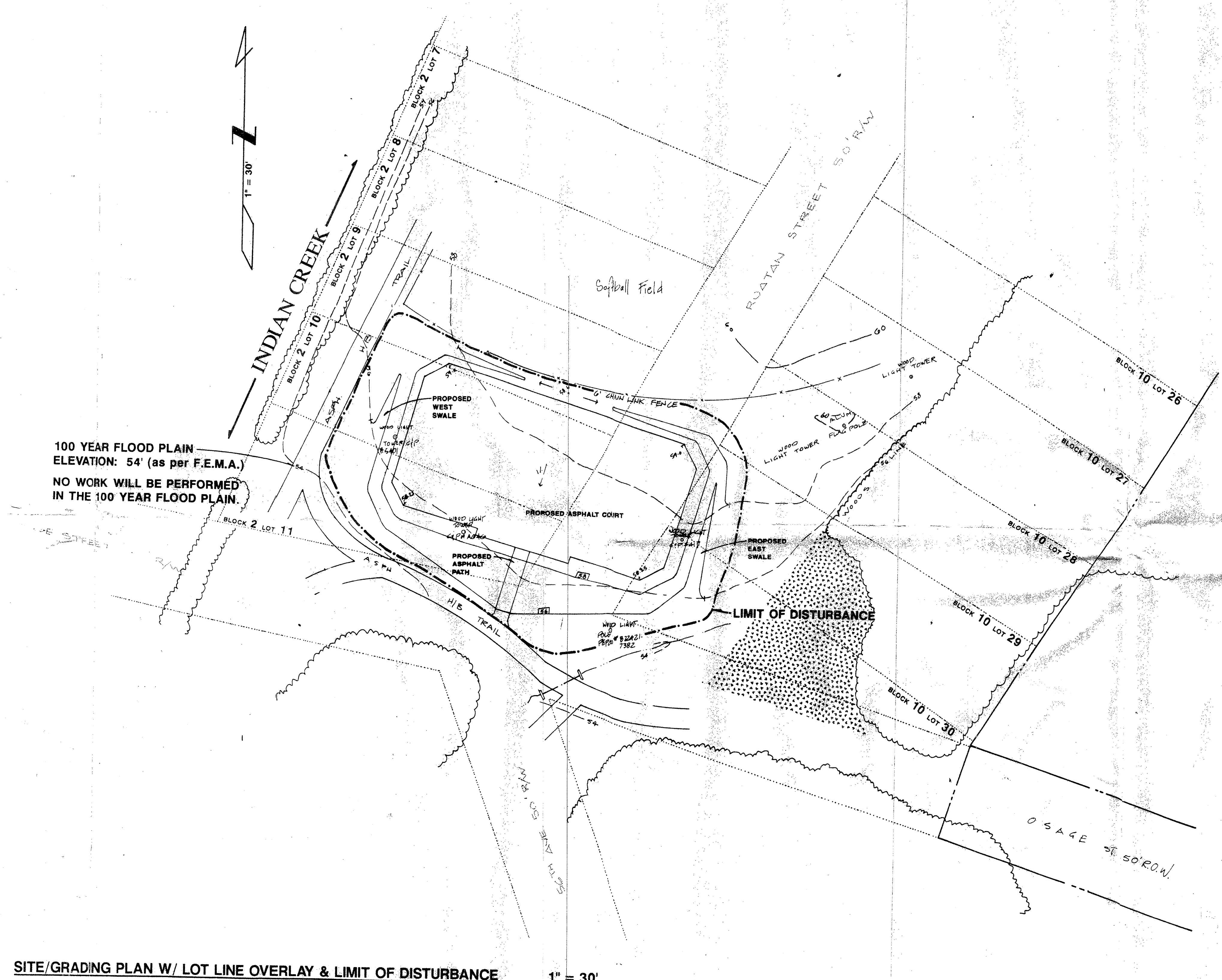
Tax map 33, grid F-2, pr/plat 2307, sub. code 3040, R55 zoning

block 2, lots 8,9,10,11 & 12 tax acct.#21/3504508
liber/folio 2072/230 43,150 sq.ft. total

block 10, lots 28 & 29 tax acct.#21/3504821
liber/folio 2976/232 20,000 sq.ft. total

block 10, lot 30 tax acct.#21/3504822
liber/folio 2976/232 4,200 sq.ft. total

NOTE: In the Prince George's County Land records book lots 8-12 are grouped together & lots 28-29 are grouped together. The limit of disturbance for this project affects the following lots only: 28-30 & 9-11.



SITE/GRADING PLAN W/ LOT LINE OVERLAY & LIMIT OF DISTURBANCE

1" = 30'

- TYPE I - WOODLAND CONSERVATION PLAN
INDIAN CREEK STREAM VALLEY PARK @ BERWYN ROAD
PROPOSED STREET HOCKEY COURT
- Total area: 49600 sq.ft./1.139 acres (lots 28-30, 9-11)
 - Area in floodplain: 3690 sq. ft./0.085 acres
 - Net tract: 45910 sq.ft./1.054 acres
 - Minimum woodland conservation required: 10% - 4591 sq.ft./0.1054 acres
 - Woodland conservation proposed: 100% - 45910 sq.ft./1.054 acres

BLOCK	LOT	ZONING	AREA	PROPOSED DISTURBANCE	WOODED AREA	DISTURBANCE TO WOODED AREA
2	9	R55	9050 sf	1740 sf	700 sf	none
2	10	R55	8450 sf	6625 sf	650 sf	none
2	11	R55	7900 sf	5130 sf	360 sf	none
10	28	R55	10000 sf	123 sf	6250 sf	none
10	29	R55	10000 sf	1456 sf	6250 sf	none
10	30	R55	4200 sf	1959 sf	2400 sf	none
OSAGE R/W				2076 sf	yes	none
RUATAN R/W				5884 sf	no	none

TOTAL DISTURBED AREA: 24984 sf

NOTE: The limit of disturbance for this project includes NO trees whatsoever.

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP2-13-90
Approved by: PW Date: 9/14/90

01	TCP Ench	10/25/11	8/13/11
02			
03			
04			
05			

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP11/1431/90
Approved by: DIANNA WOOD Date: 9-14-90

01			
02			
03			
04			
05			

M-NCPPC
Prince George's County Planning Department
Natural Resources Division
APPROVAL
TREE CONSERVATION PLAN
TCP-11/1431/90
BY: DIANNA WOOD DATE: 9/14/90

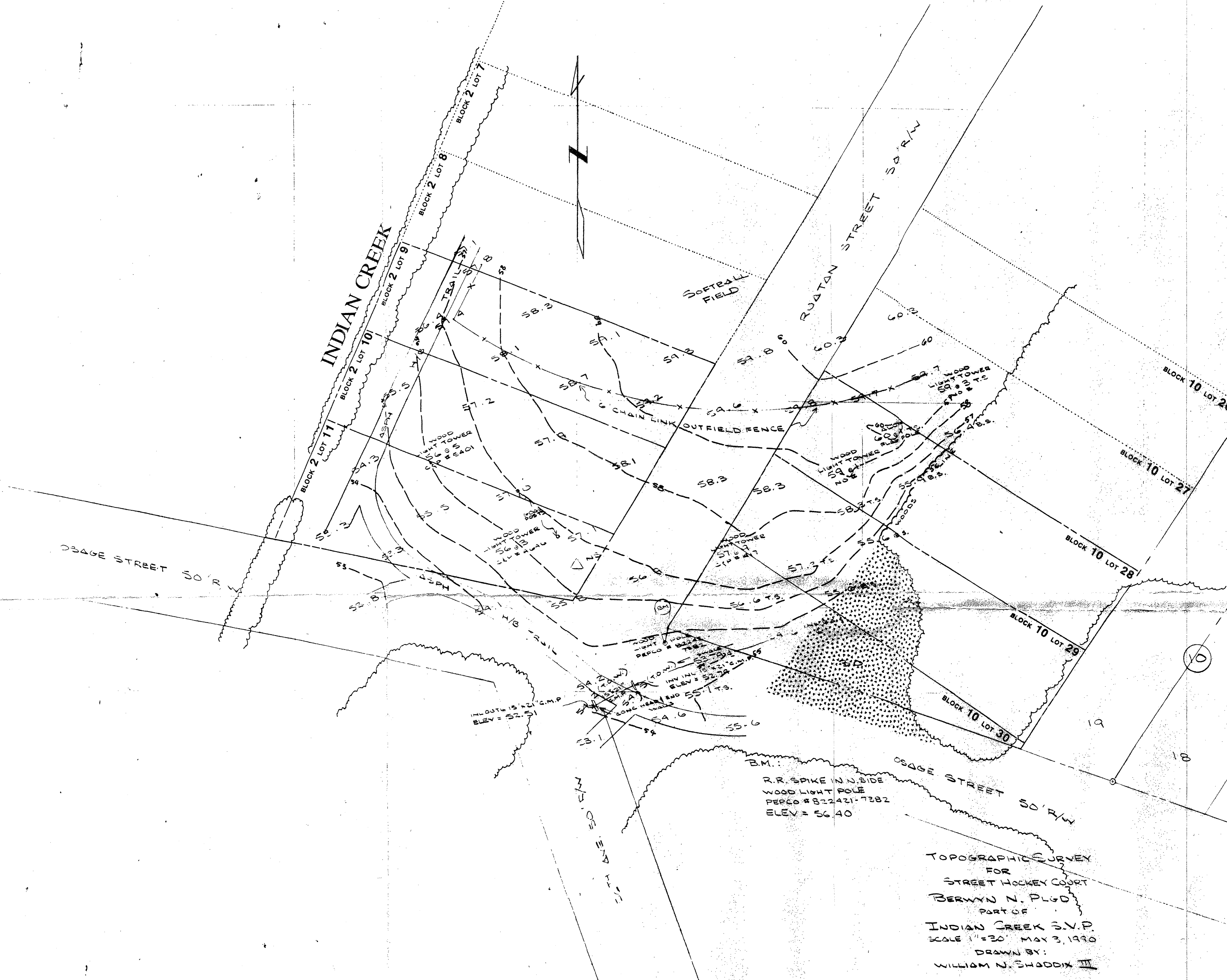
INDIAN CREEK STREAM VALLEY PARK @ BERWYN ROAD
PROPOSED STREET HOCKEY COURT
SITE/GRADING PLAN W/ LOT LINE OVERLAY & LIMIT OF DISTURBANCE
P/O TREE CONSERVATION PLAN

MNCPPC
SHEET
7 OF 25

THE MARYLAND-NATIONAL CAPITAL PARK
AND PLANNING COMMISSION
DEPT. OF PARKS & RECREATION
PRINCE GEORGES COUNTY
6600 KENILWORTH AVE. RIVERDALE, MARYLAND.

DESIGNED BY ANDREW M. SIEDLACZYK
DRAWN BY JEFF NEWHOUSE
SCALE 1" = 30'
DATE 8/16/90

301-699-2481
-2585



TOPOGRAPHIC SURVEY W/ LOT LINE OVERLAY 1" = 30'

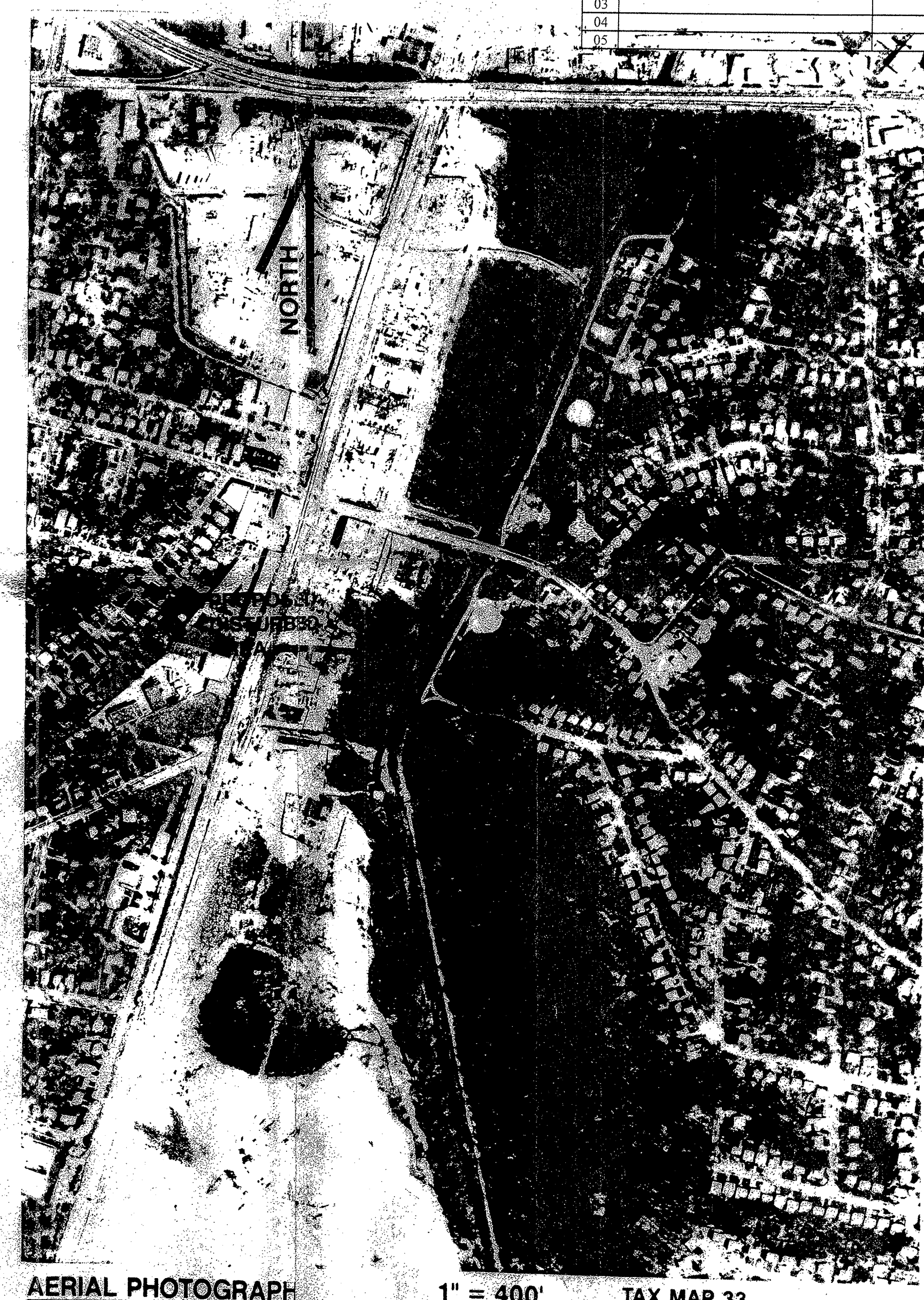
EXISTING TREE LINE
EXISTING SPOT ELEVATION 58.3
EXISTING CONTOURS 58
RECENTLY REFORESTED AREA

- TYPE I - WOODLAND CONSERVATION PLAN
INDIAN CREEK STREAM VALLEY PARK @ BERWYN ROAD
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OSAGE R/W				2076 sf	yes	none
RUATAN R/W				5884 sf	no	none

TOTAL DISTURBED AREA: 24984 sf

NOTE: The limit of disturbance for this project includes **NO** trees whatsoever.



AERIAL PHOTOGRAPH 1" = 400' TAX MAP 33

NO TREES IN AREA. SAVE SHEET FOR TOP II FILE

PROPERTY INFORMATION

Tax map 33, grid F-2, pr/plat 2307, sub. code 3040, R55 zoning
block 2, lots 8, 9, 10, 11 & 12 tax acct. #21/3504508
liber/folio 2072/230 43,150 sq. ft. total

block 10, lots 28 & 29 tax acct. #21/3504821
liber/folio 2976/232 20,000 sq. ft. total

block 10, lot 30 tax acct. #21/3504822
liber/folio 2976/232 4,200 sq. ft. total

NOTE: In the Prince George's County land records book lots 8-12 are grouped together & lot 28-29 are grouped together. The limit of disturbance for this project affects the following lots only: 28-30 & 9-11.

DESIGNED BY
DRAWN BY
SCALE 1" = 30'
DATE 8/15/90

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP2 43.90
Approved by
Date 9/14/90

SOILS 1" = 1000±
100% OF DISTURBANCE TAKES PLACE IN 80' DELINEATION
Bo - Bibb silt loam

PROPOSED DISTURBED AREA

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP11 143.190
Approved by
Date 9/14/90

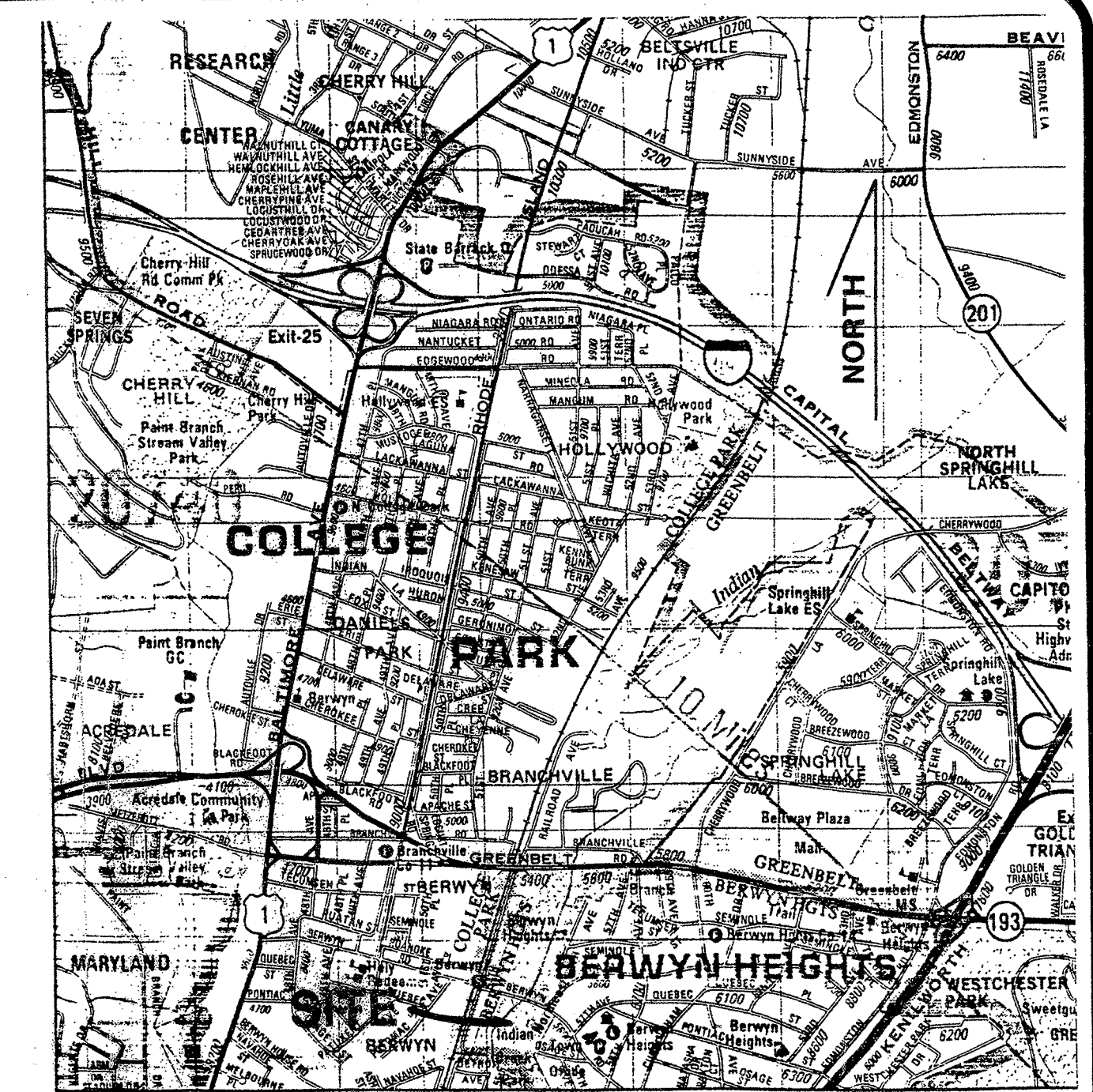
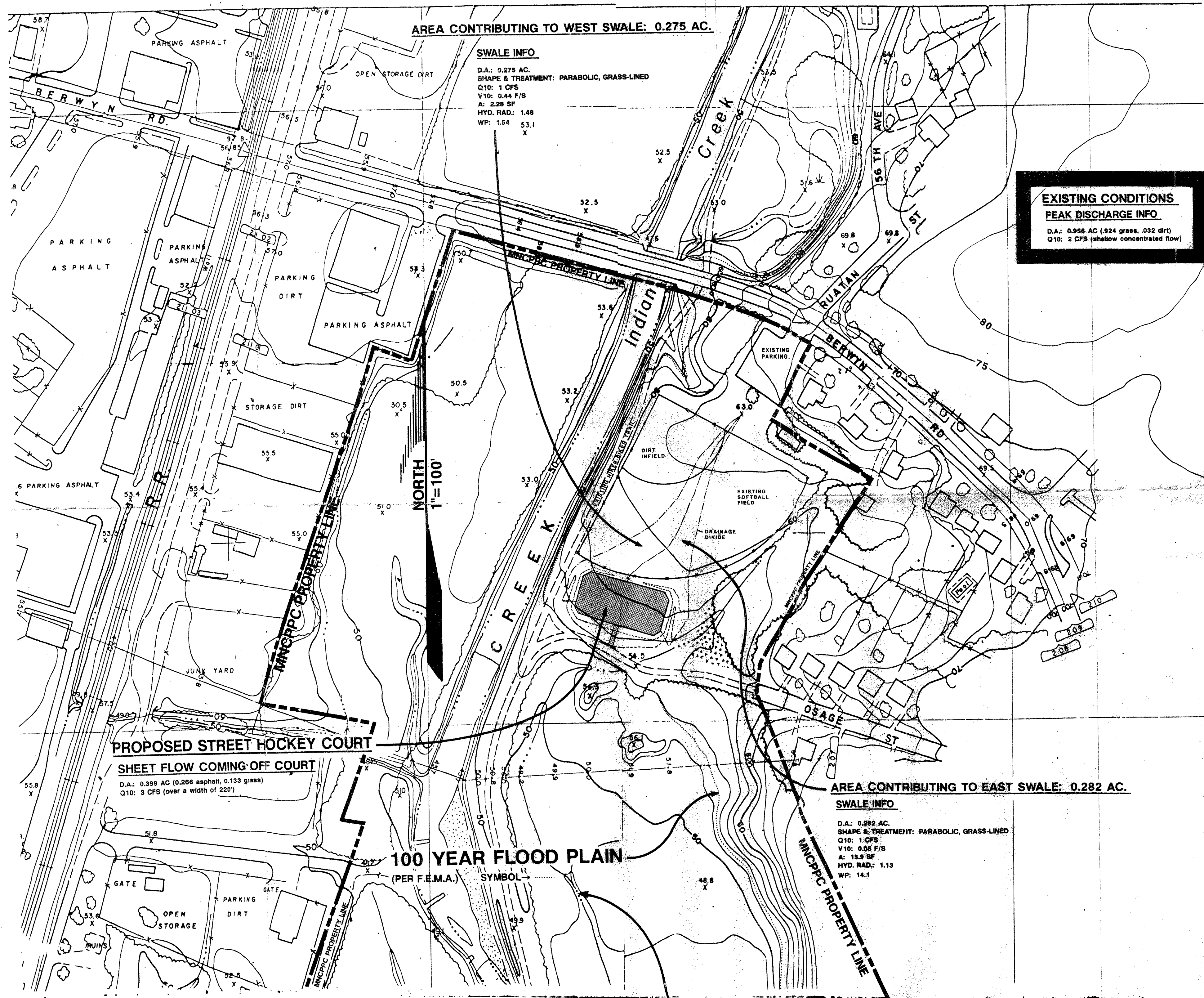
01		
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INDIAN CREEK STREAM VALLEY PARK @ BERWYN ROAD
PROPOSED STREET HOCKEY COURT
TOPOGRAPHIC SURVEY, LOT LINES, SOILS & AERIAL PHOTOGRAPH
P/O TREE CONSERVATION PLAN

THE MARYLAND-NATIONAL CAPITAL PARK
AND PLANNING COMMISSION
DEPT. OF PARKS & RECREATION
PRINCE GEORGES COUNTY
6600 KENILWORTH AVE. RIVERDALE, MARYLAND.

DESIGNED BY
DRAWN BY
SCALE 1" = 30'
DATE 8/15/90

301-699-2481
-2585



LOCATION MAP SCALE 1" = 2000'

- TYPE I - WOODLAND CONSERVATION PLAN
INDIAN CREEK STREAM VALLEY PARK @ BERWYN ROAD
PROPOSED STREET HOCKEY COURT
1. Total area: 49600 sq. ft. / 1.139 acres
 2. Area in floodplain: 3690 sq. ft. / 0.085 acres
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2	11	R55	7900 sf	5130 sf	2770 sf	none
10	28	R55	10000 sf	123 sf	9877 sf	none
10	29	R55	10000 sf	1456 sf	8544 sf	none
10	30	R55	4200 sf	1959 sf	2241 sf	none
OSAGE R/W				2076 sf		yes
RUATAN R/W				5884 sf		no

TOTAL DISTURBED AREA: 24884 sf

NOTE: The limit of disturbance for this project includes NO trees whatsoever.

PROPERTY INFORMATION

Tax: map 33, grid F-2, pr/plot 2307, sub. code 3040, R55 zoning
Block 2, lots 9, 10, 11 & 12 tax acct. #21/3504508
liber/folio 2072/230 43,199 sq. ft. total
Block 10, lots 28 & 29 tax acct. #21/3504821
liber/folio 2376/232 20,000 sq. ft. total
Block 10, lot 30 tax acct. #21/3504822
liber/folio 2376/232 4,200 sq. ft. total

NOTE: In the Prince George's County land records book lots 9-12 are grouped together & lots 28-29 are grouped together. The limit of disturbance for this project affects the following lots only: 28-30 & 9-11.

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP# 143190
Approved by: Diana Wood Date: 9/14/90
01 CPM 10/25/11 9/12/11
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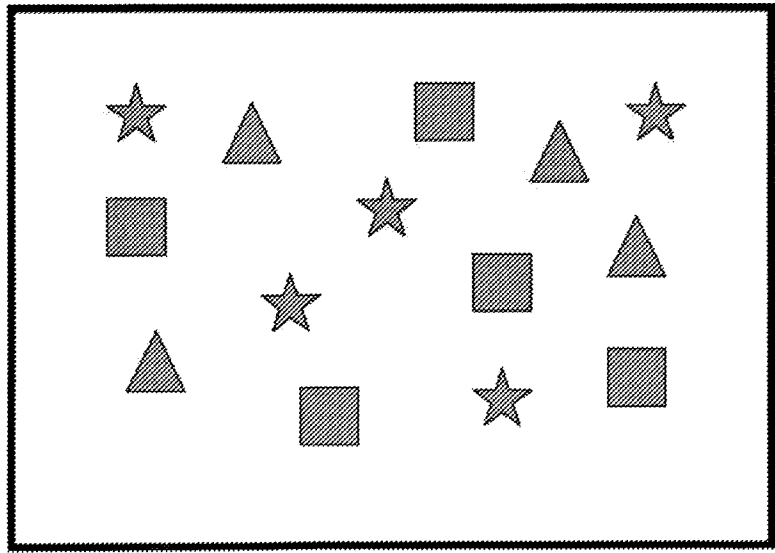
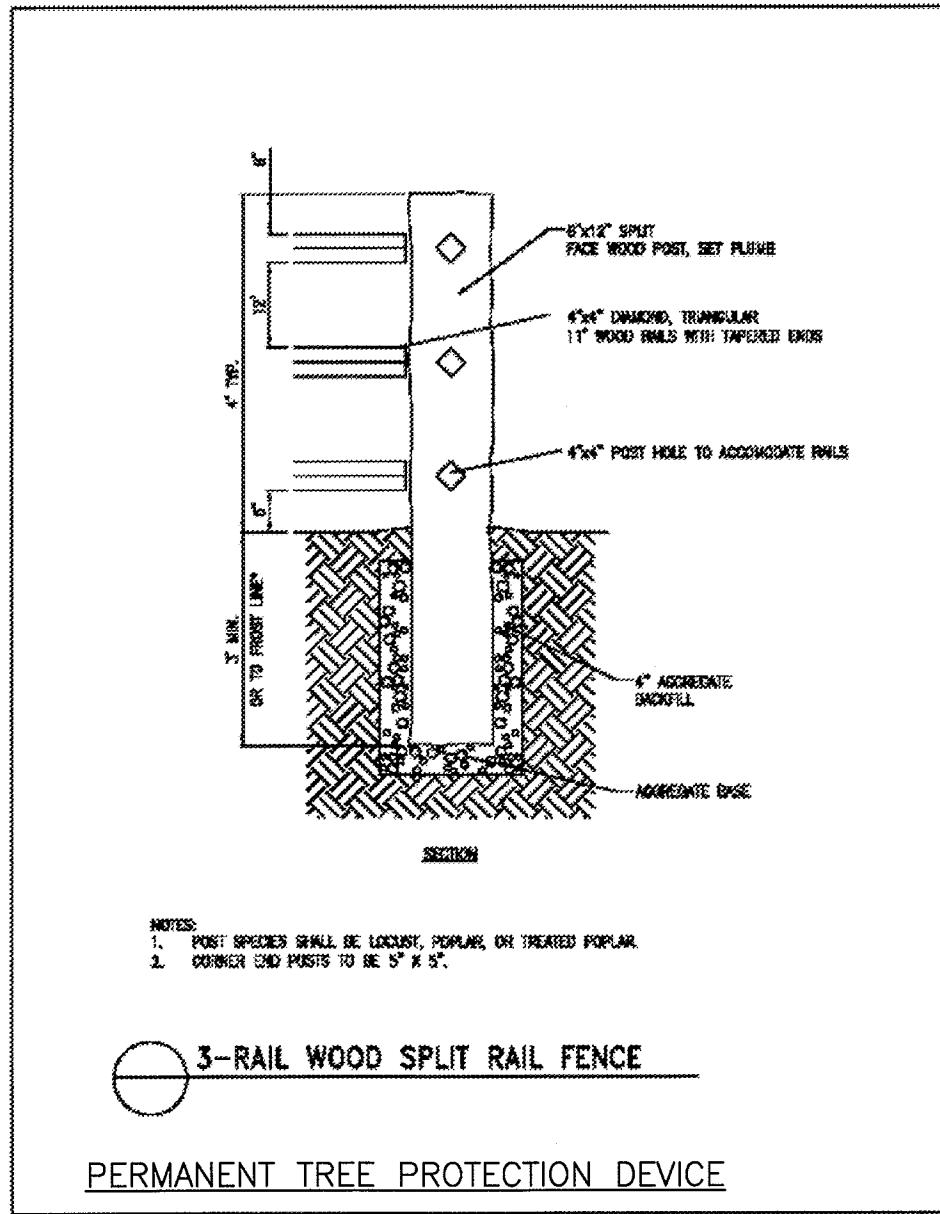
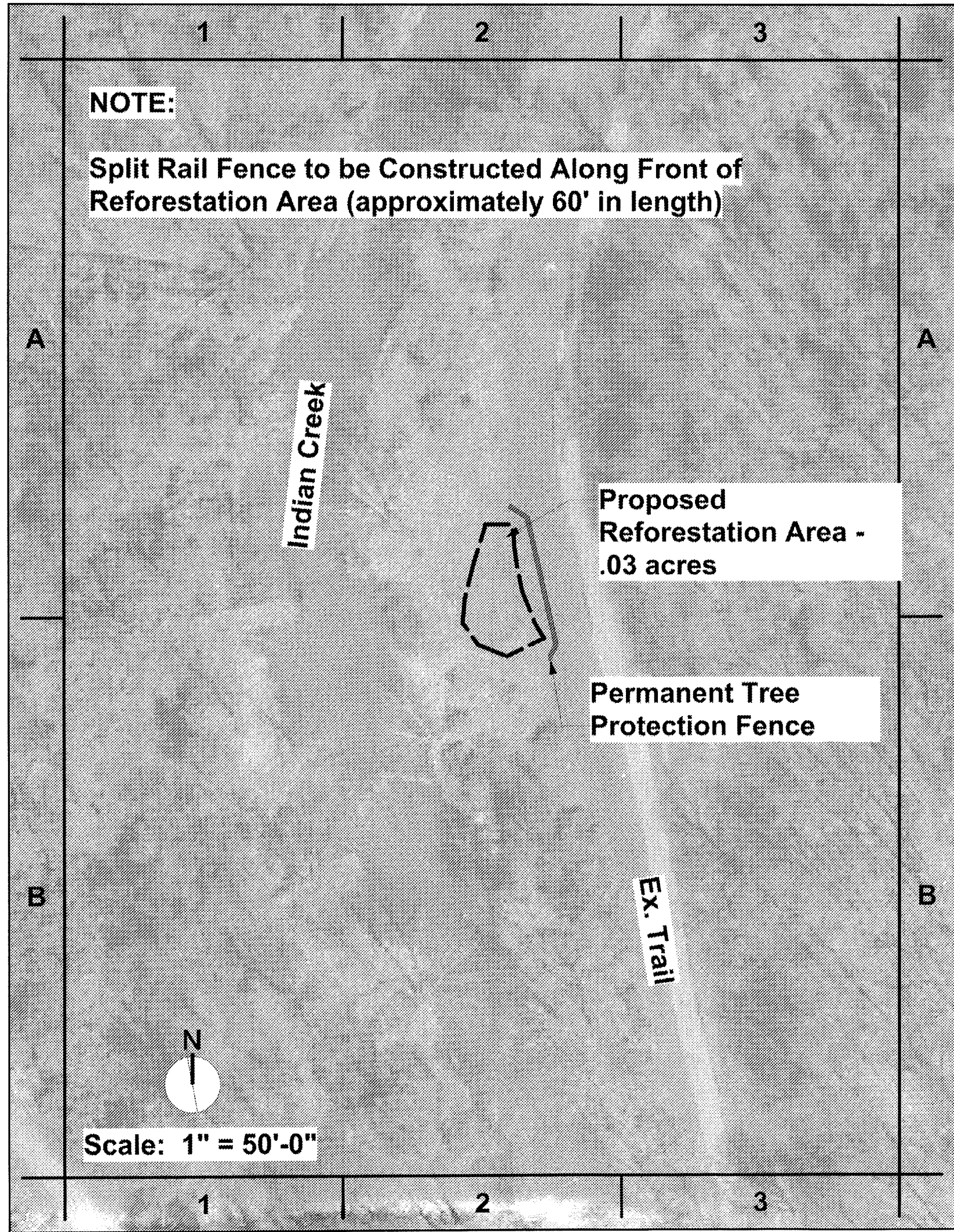
M-NCPPC
Prince George's County Planning Department
Natural Resources Division
APPROVAL
TREE CONSERVATION PLAN
TCP# 143190
BY: Diana Wood DATE: 9/14/90

TOTAL AMOUNT OF IMPERVIOUS (asphalt) SURFACE PROPOSED:

COURT 11290 SQ.FT.
PATH 312 SQ.FT.
TOTAL 11602 SQ.FT.
(0.266 ACRES)

EXISTING TREE LINE
RECENTLY REFORESTED AREA
EXISTING CONTOURS
PROPOSED CONTOURS

ALL RUNOFF FROM THE PROPOSED PROJECT WOULD ENTER THIS TRIBUTARY OF INDIAN CREEK. THIS TRIBUTARY TRAVELS 0.625 MILES BEFORE MERGING WITH INDIAN CREEK.



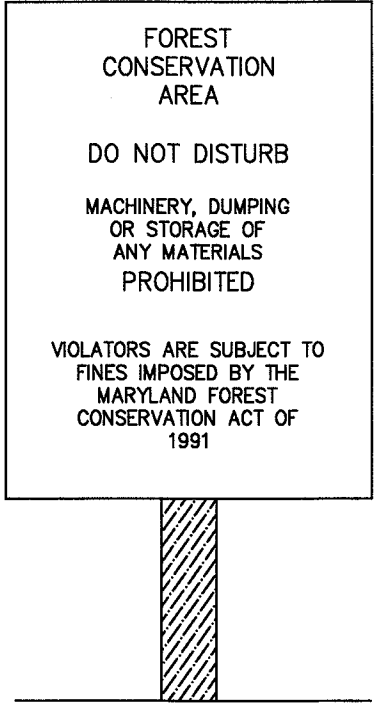
Random Planting Pattern
to be used for
Seedling and Tree Planting

- Notes:
- At least three (3) different species and at least two (2) different genus of trees should be used.
 - Planting should not be in rows or groups, but rather be random to mimic a natural forest.

INDIAN CREEK STREAM VALLEY PARK REFORESTATION PLANT LIST (.03 acres)

PLANT CATEGORY	LATIN NAME	COMMON NAME	SIZE	QUANTITY	SPACING
TREES	Acer rubrum	Red Maple	1/2" caliper	3	15 ft. o.c.
	Chionanthus virginicus	Fringe Tree	1/2" caliper	5	15 ft. o.c.
	Diospyros virginiana	Persimmon	1/2" caliper	5	15 ft. o.c.
	Juniperus virginiana	Eastern Red Cedar	5-6'	5	8 ft. o.c.
	Liriodendron tulipifera	Tulip Tree	1/2" caliper	3	15 ft. o.c.
	Prunus serotina	Black Cherry	1/2" caliper	3	15 ft. o.c.
	Quercus alba	White Oak	1/2" caliper	5	15 ft. o.c.
	Quercus rubra	Red Oak	1/2" caliper	5	15 ft. o.c.
SEEDS		Eastern Native Habitat Mix	20 Lbs/acre	3 lbs.	

Planting Schedule based on 1000 seedlings/acre
1000 X .03 acres = 30 plants



NOTES
BOTTOM OF SIGNS TO BE HIGHER THAN TOP OF TREE PROTECTION FENCE.

SIGNS TO BE APPROX. 100' APART. CONDITIONS ON SITE AFFECTING VISIBILITY MAY WARRANT PLACING CLOSER OR FARTHER APART.

ATTACHMENT OF SIGNS TO TREES PROHIBITED.

CONSTRUCTION SIGNS

AFFORESTATION/REFORESTATION MANAGEMENT PLAN

Year 1: Area is planted according to pre-approved plan
Survival check 3 times (March-April), (July-August), (October-November)
Watering as needed
Control of undesirable vegetation as needed

Years 2-3: Reinforcement planting if needed
Survival check twice annually (April-May), (September-October)
Watering as needed
Control of undesirable vegetation as needed

Years 4-5: Reinforcement planting if needed
Survival check once annually (May-September)

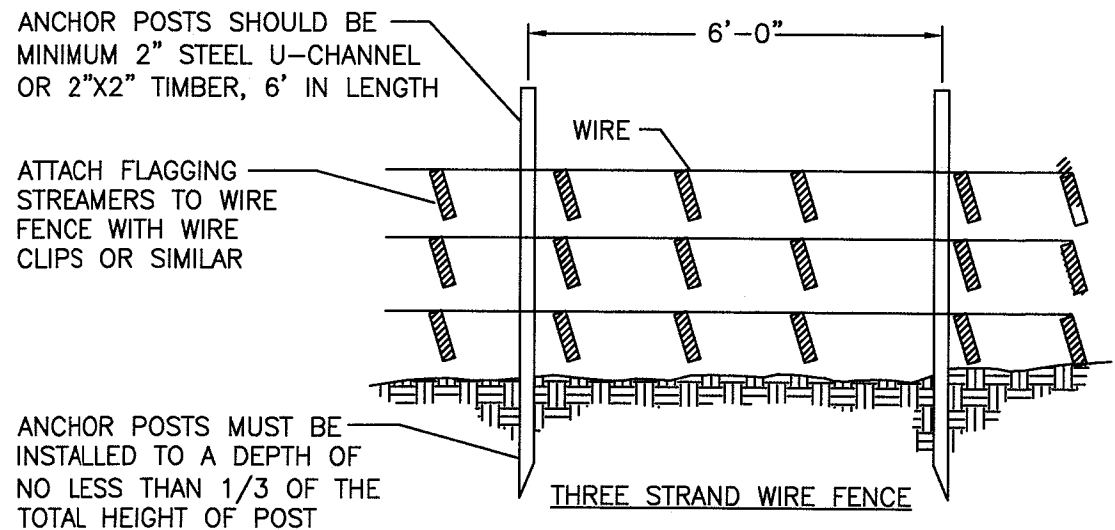
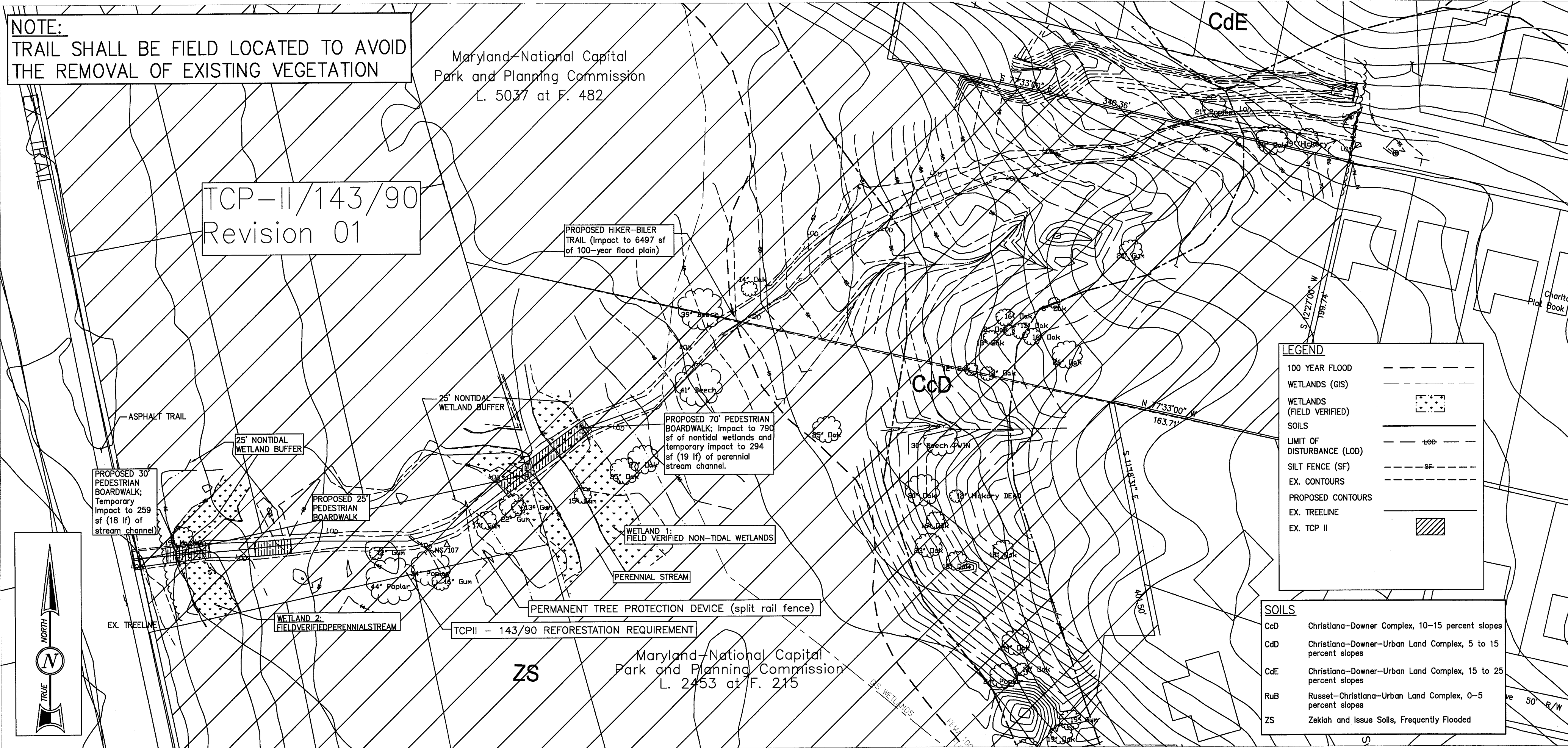
Fertilization or watering during years 1 through 3 will be done on an as needed basis. Condition Check Sheets should be to the client after each visit. We require a survival rate of 75 percent after 5 years. If adequate natural regeneration has occurred, it may be included in the final survival tally. Special return operations or recommendations will be conducted on an as needed basis. Perimeter fencing and signage will be removed after year 5 based on the date planted.

Required Type II Tree Conservation Plan Notes

- 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 \$1.50 per square foot mitigation fee.
- The Department of Environmental Resources (DER) shall be contacted prior to the start of any work on the site to address implementation of woodland conservation measures shown on this plan.
- Property owners shall be notified by the Developer or Contractor of any Woodland Conservation Areas (Tree Save Areas, Reforestation Areas, Afforestation Areas, or Selective Clearing Areas) located on their lot or parcel of land and the associated fines for unauthorized disturbances to these areas. Upon the sale of the property the owner / developer or owners representative shall notify the purchaser of the property of any Woodland Conservation Areas.
- All appropriate bonds shall be posted with the Building Official prior to the issuance of any permits. These bonds will be retained as surety by the Building Official until all required activities have been satisfied.
- All required off-site mitigation shall be identified on an approved TCP II for the off-site location and shall be recorded as an off-site easement in the land records of Prince George's County prior to issuance of any permits for the subject property.

Specimen Trees

These specimen trees have been field located because of their strong vigor and close proximity to the current proposed development layout. Additional specimen trees exist on the property, however due to their poor health, location away from the current development area, and/or location within environmentally sensitive areas, they have not been field located.



TREE PROTECTION FENCE
(Tree Protection Fence shall be placed along the entire LOD)

I hereby acknowledge that I have been advised of the restrictions established by this Tree Conservation Plan. I further acknowledge that cutting, clearing, or damaging trees or understory vegetation in the Woodland Conservation Area without a revision to this plan or written authorization from the M-NCPPC Environmental Planning Section or Prince George's County will constitute a violation of the Woodland Conservation Ordinance. Hazardous trees may be pruned or removed after obtaining a written report from a Licensed Arborist or Licensed Tree Expert and providing a copy to the M-NCPPC Environmental Planning Section.

Signed _____ Date _____

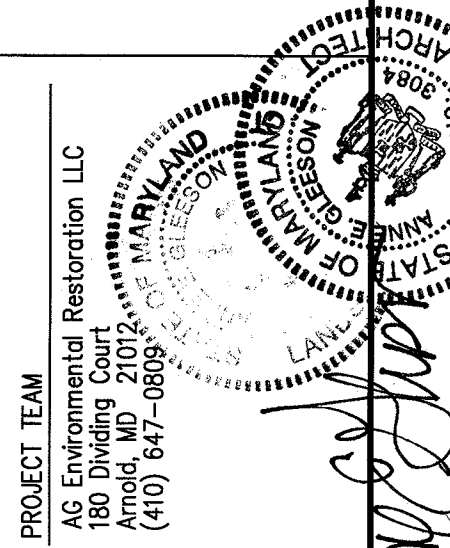
M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP II / 143 / 90

Approved by: _____ Date: 11/2/90

01 _____
02 _____
03 _____
04 _____
05 _____

INDIAN CREEK HIKER/BIKER TRAIL

Tax Account # 2424273
Parcel 1
Assessment District 21
Planning Area 67
Liber 05037 Folio 482



AG Environmental Restoration, LLC
180 Dividing Court
Arnold, Maryland 21012
Phone: (410) 647-0869
Assessment District 21

REVISIONS	DATE	DESCRIPTION	BY
1	7-1-2011	Revision to signed TCP-II	AG
2	6-15-2011	Revision to address comments AEG	
3	7-11-2011	Revision to address comments AEG	

TRAIL SPUR DESIGN

SITE PLAN

DWG TITLE: _____
SCALE: 1" = 100'
DATE: 9/1/2011
DRAWN BY: SLB
CHECK BY: AEG

SP-1