



Natural Resources Inventory/Forest Stand Delineation Plan Notes

- Topography shown on this plan was provided by AMT. If the topographic source changes in the future, a revised NRI may be required if the delineations of regulated areas change significantly.
- The wetland information on this plan is from a study prepared by AMT in study dated July, 2008.
- The 100-year floodplain does not intersect the study area.
- Property boundaries and information provided by AMT, 2008.
- In a letter dated August 27, 2008 the Maryland Department of Natural Resource Natural Heritage Program has determined the study area contains FIDS habitat and is within one-quarter mile of a bald eagle nest. See Appendix D of NRI/FSD report for construction guidelines.
- There are 31 specimen trees located on the property. These trees were located using GPS capable of sub-meter accuracy.
- An approved NRI/FSD is valid for five years from the date of signature by staff, or until information used to prepare the NRI/FSD changes. NRI/FSD may be required to be revised and re-approved if the base information changes significantly.

GENERAL NOTES:

- The Green Branch Athletic Complex is proposed to be developed in phases. The first phase of the project is a temporary access road, located off-site on Tax Map 55 Parcels 29 and 56, and construction of major athletic facilities on Tax Map 56 Parcel 6.
- Protection for archaeological resources which are determined to be significant shall be provided prior to grading and maintained throughout the grading operation.

FOREST STAND SUMMARY

Stand	Size (Acres)	Forest Association	Retention Priority
A	6.3	Mixed deciduous (oak-poplar)	1
B	0.95	Mixed evergreen/deciduous (locust-cedar)	3
C	5.9	Mixed deciduous (maple-oak)	1

SPECIMEN TREE SUMMARY		
Stand	Specimen Tree	Condition
A	31.7" tulip poplar (<i>L. tulipifera</i>)	Good
	32.5" tulip poplar (<i>L. tulipifera</i>)	Good
	36.7" white oak (<i>Q. alba</i>)	Good
	33.0" tulip poplar (<i>L. tulipifera</i>)	Good
	32.0" southern red oak (<i>Q. falcata</i>)	Good
	31.6" tulip poplar (<i>L. tulipifera</i>)	Good
	32.3" tulip poplar (<i>L. tulipifera</i>)	Good
	31.2" tulip poplar (<i>L. tulipifera</i>)	Good
	33.6" black oak (<i>Q. velutina</i>)	Good
	38.1" American beech (<i>F. grandifolia</i>)	Good
B	30.0" red maple (<i>A. rubrum</i>)	Good
	40.0" tulip poplar (<i>L. tulipifera</i>)	Good
	37.0" willow oak (<i>Q. phellos</i>)	Good
	40.0" willow oak (<i>Q. phellos</i>)	Good
	32.5" willow oak (<i>Q. phellos</i>)	Good
	32.5" pin oak (<i>Quercus palustris</i>)	Good
	45.5" willow oak (<i>Q. phellos</i>)	Good
	34.5" pin oak (<i>Q. palustris</i>)	Good
	33.5" willow oak (<i>Q. phellos</i>)	Good
	35.25" pin oak (<i>Q. palustris</i>)	Good
C	40.0" willow oak (<i>Q. phellos</i>)	Good
	30.5" pin oak (<i>Q. palustris</i>)	Good
	34.75" willow oak (<i>Q. phellos</i>)	Good
	40.0" pin oak (<i>Q. palustris</i>)	Good
	36.5" black walnut (<i>J. nigra</i>)	Good
	37.0" black walnut (<i>J. nigra</i>)	Fair
	50.0" black cherry (<i>P. serotina</i>)	Poor
	30.0" eastern red cedar (<i>J. virginiana</i>)	Good
	30.0" eastern red cedar (<i>J. virginiana</i>)	Good
	30.0" pin oak (<i>Q. palustris</i>)	Good
N/A*	30.0" willow oak (<i>Q. phellos</i>)	Good
	30.0" willow oak (<i>Q. phellos</i>)	Good

*Trees not associated with a stand.

SOIL CHARACTERISTICS AND LIMITATIONS

Soil Type	Hydric Status	K-Value ^a	Prime or Unique Farmlands	Restrictions and Limitations ^b
Collington (CmA)	No	0.28	Prime farmland	Somewhat limited due to frost action and shrink-swell potential
Collington (CmB2)	No	0.28	Prime farmland	Somewhat limited due to frost action and shrink-swell potential
Collington (CmC2)	No	0.28	Farmland of statewide importance	Somewhat limited due to frost action, shrink-swell potential, and slope
Collington (CmE2)	No	0.28	No	Very limited due to slope, frost action, and shrink-swell potential
Collington (CmE3)	No	0.28	No	Very limited due to slope, frost action, and shrink-swell potential
Shrewsbury (SmA)	Yes	0.32	No	Very limited due to depth to saturated zone, frost action, and shrink-swell potential

- K-value indicates the erodibility factor associated with a soil type. Soils with K-values greater than 0.35 pose construction-related hazards.
- Based on limitations for roads and streets.

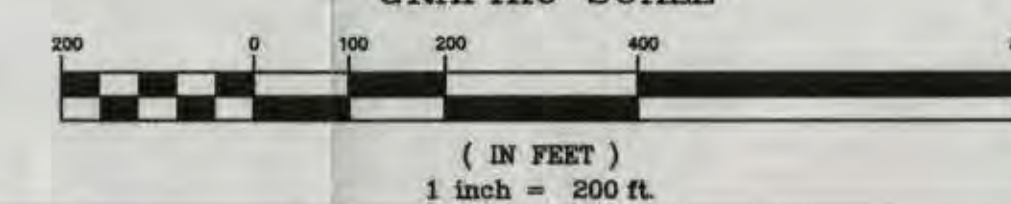
Sources:

- USDA, Soil Conservation Service. 1967. *Soil Survey of Prince George's County, Maryland*.
- USDA, NRCS. 2007. *Hydric Soils, Prince George's County, Maryland*.
- USDA, NRCS. 2008. *Hydric Soils of the United States*.
- USDA, NRCS. 2008. *Prime and other Important Farmland, Prince George's County, Maryland*.
- USDA, NRCS. 2008. *Roads and Streets, Shallow Excavations, and Lawns and Landscaping*.

LEGEND

- EXISTING WETLAND
- EAGLE RESTRICTION AREA
- STEEP SLOPES
- GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP
- GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE
- GREEN BRANCH 3 (18 PR 967)
TO BE PRESERVED IN PLACE
- ROBINSON FARMSTEAD 1 (19 PR 968)
PHASE II INVESTIGATION NOT REQUIRED
- ROBINSON FARMSTEAD 2 (19 PR 969)
INTERPRETED AS SLOPE WASH FROM DISTURBED SITE/ NO FURTHER INVESTIGATIONS RECOMMENDED
- ROBINSON FARMSTEAD 3 (19 PR 970)
ASSORTMENT OF 20TH CENTURY DEBRIS/ NO FURTHER INVESTIGATIONS RECOMMENDED

GRAPHIC SCALE



THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

DEPARTMENT OF
PARKS & RECREATION
PRINCE GEORGES COUNTY
6600 KENILWORTH AVENUE
RIVERDALE, MARYLAND 20737
PHONE 301-689-2487
ATTN: CHRIS COLVIN

GREEN BRANCH ATHLETIC COMPLEX 3603 NE CRAIN HWY BOWIE, MD 20716

CONSULTANT

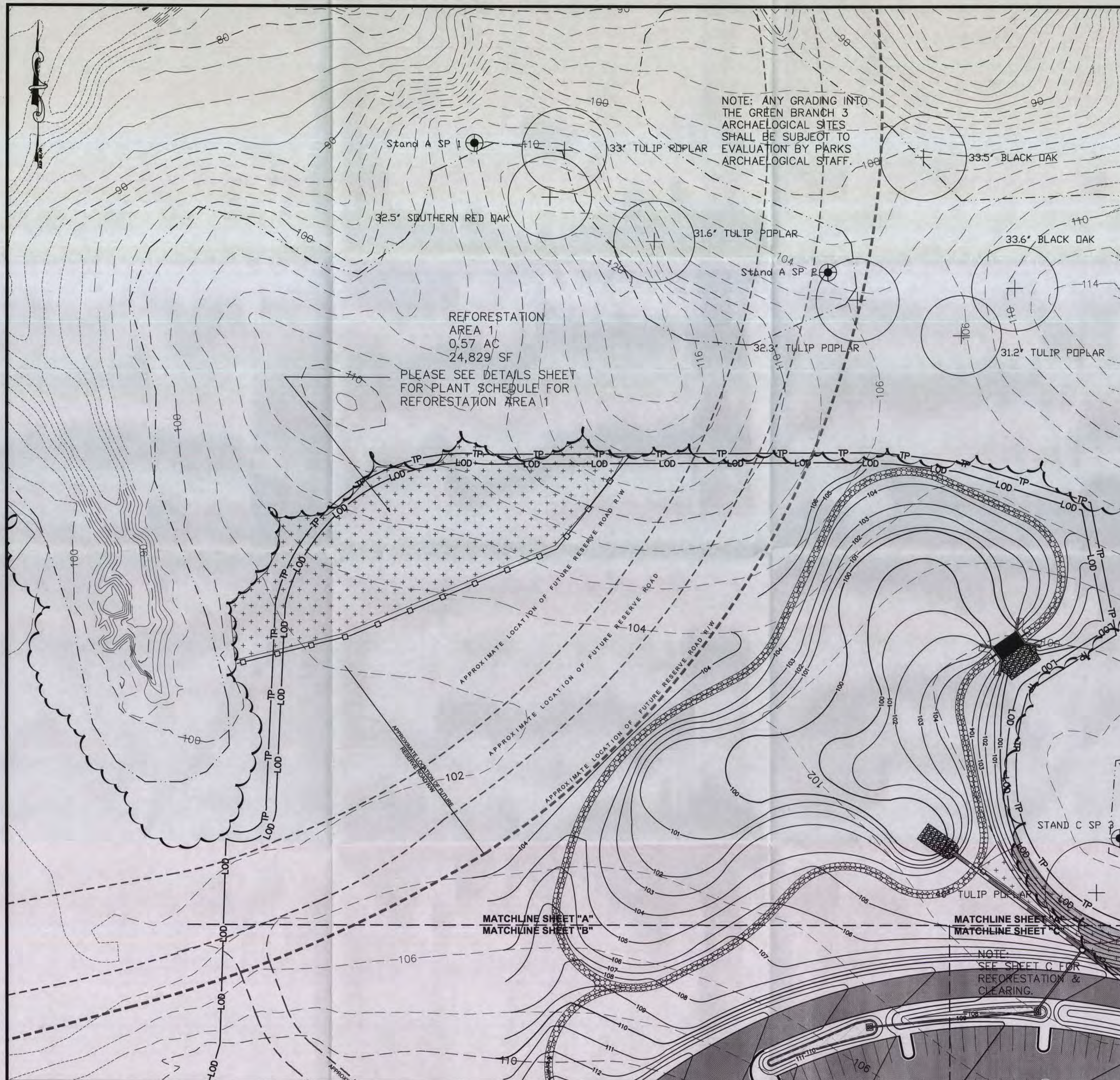
AMT
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COLUMBIA, MARYLAND 21046
301-382-9200
THIS PLAN WAS PREPARED BY: MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
MARYLAND DEPARTMENT OF NATURAL RESOURCES
QUALIFIED PROFESSIONAL STATUS (FEB. 14, 2008)

MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
SHEET TITLE

TREE CONSERVATION PLAN SHEET "KEY"

BID NO.
DATE: 08-05-09
ISSUE: DATE
PERMIT SET (NOT FOR CONSTRUCTION)



LEGEND

	EXISTING WETLAND		REFORESTATION AREA
	EAGLE RESTRICTION AREA		FOREST CLEARING
	PROPOSED ASPHALT PAVEMENT		PMA BOUNDARY
	PROPOSED SIDEWALK		SPECIMEN TREE WITH CRITICAL ROOT ZONE
	PROPOSED BIORETENTION FACILITY SEE DETAILS, SHEET SWM-111		PROPOSED STORM DRAIN
	PROPERTY LINE		EXISTING FOREST
	EXISTING STREAM		EXISTING TREES
	EXISTING CONTOURS		SAMPLE PLOT
	EXISTING POWER POLE		
	EXISTING POWER LINE		
	PROPOSED CURB AND GUTTER		
	FUTURE SANITARY SEWER		
	FUTURE WELL WATER MAIN LINE		
	PROPOSED CONTOURS		
	SPLIT RAIL FENCE		
	LIMIT OF DISTURBANCE		
	TREE PROTECTION FENCE		
	SUPER SILT FENCE		
	WETLAND		
	POSSIBLE ROAD		
	FUTURE RIGHT OF WAY		

GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP

GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE

GREEN BRANCH 3 (18 PR 967)
TO BE PRESERVED IN PLACE

ROBINSON FARMSTEAD 1 (19 PR 968)
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ROBINSON FARMSTEAD 3 (19 PR 970)
ASSORTMENT OF 20TH CENTURY DEBRIS/ NO FURTHER INVESTIGATIONS RECOMMENDED

OFF-SITE ARCHEOLOGY AREA

PROPOSED BUFFER

IMPACTS - SHEET A

SPECIMEN TREES	CRZ IMPACT	OUTCOME
40.0' TULIP POPLAR (LIRIODENDRON TULIPIFERA)	24%	RETAINED
32.5' SOUTHERN RED OAK (QUERCUS FALCATA)	NONE	RETAINED
33.0' TULIP POPLAR (LIRIODENDRON TULIPIFERA)	NONE	RETAINED
31.0' TULIP POPLAR (LIRIODENDRON TULIPIFERA)	NONE	RETAINED
32.3' TULIP POPLAR (LIRIODENDRON TULIPIFERA)	NONE	RETAINED
31.2' TULIP POPLAR (LIRIODENDRON TULIPIFERA)	NONE	RETAINED
33.6' BLACK OAK (QUERCUS VELUTINA)	NONE	RETAINED
33.5' BLACK OAK (QUERCUS VELUTINA)	NONE	RETAINED

FOREST CLEARING
SEE SHEET C

AFFORESTATION/REFORESTATION
AREA 1 - 0.57 AC (24,829 SF)
AREA 2 - SEE SHEET C

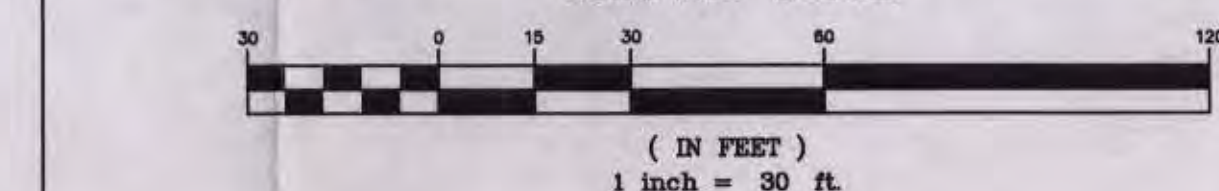
M-NCPPC
Prince George's Planning Department
Environmental Planning Section
TREE CONSERVATION PLAN II

APPROVAL
TCPII / 039 / 09

Staff Signature: *[Signature]* Date: *4/16/10*

Initial Approval: *[Signature]*
01 Revision: *[Signature]*
02 Revision: *[Signature]*

GRAPHIC SCALE
1 inch = 30 ft.



THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

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QUALIFIED PROFESSIONAL STATUS (FEB. 14, 2009)

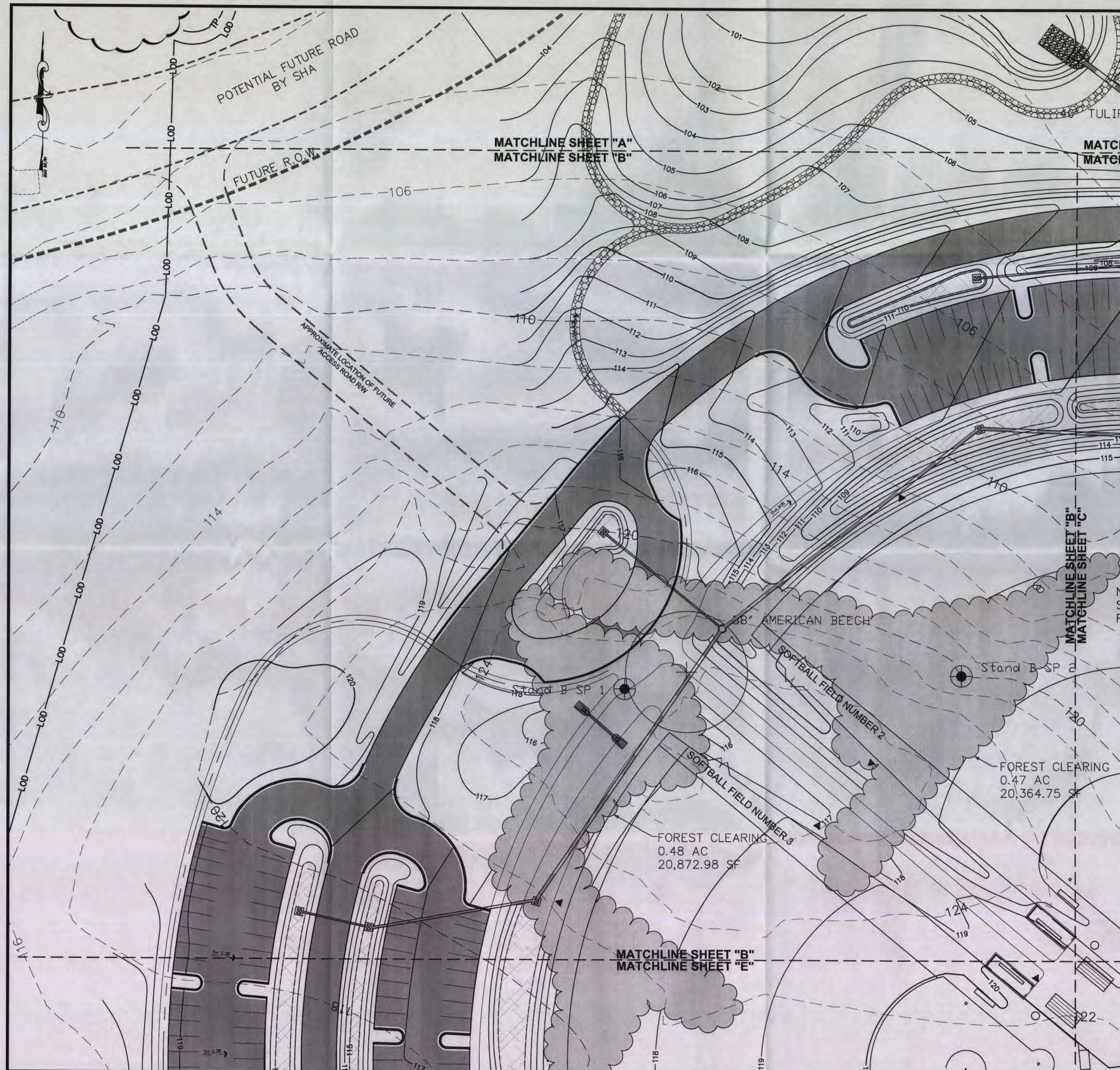
MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
SHEET TITLE

TREE CONSERVATION PLAN
SHEET "A"

BID NO.
DATE: 08-05-09
ISSUE: DATE:
PERMIT SET (NOT FOR CONSTRUCTION)

MD. NAT'L. CAP. PK.
PRINCE GEORGE'S COUNTY
APR 6 2010
COUNTYWIDE PLANNING DIVISION
ENVIRONMENTAL PLANNING SECTION
SCALE: SEE DRAWING

SHEET NO.
TCP-100
AMT JOB NO. 107-177-001



LEGEND

	EXISTING WETLAND		REFORESTATION AREA
	EAGLE RESTRICTION AREA		FOREST CLEARING
	PROPOSED ASPHALT PAVEMENT		PMA BOUNDARY
	PROPOSED SIDEWALK		SPECIMEN TREE WITH CRITICAL ROOT ZONE
	PROPOSED BIORETENTION FACILITY SEE DETAILS, SHEET SWM-111		PROPOSED STORM DRAIN
	PROPERTY LINE		PROPOSED CULVERT
	EXISTING STREAM		EXISTING FOREST
	EXISTING CONTOURS		EXISTING TREES
	EXISTING POWER POLE		SAMPLE PLOT
	EXISTING POWER LINE		
	PROPOSED CURB AND GUTTER		
	FUTURE SANITARY SEWER		
	FUTURE WELL WATER MAIN LINE		
	PROPOSED CONTOURS		
	SPLIT RAIL FENCE		
	LIMIT OF DISTURBANCE		
	TREE PROTECTION FENCE		
	SUPER SILT FENCE		
	WETLAND		
	POSSIBLE ROAD		
	FUTURE RIGHT OF WAY		

GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP

GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE

GREEN BRANCH 3 (18 PR 967)
TO BE PRESERVED IN PLACE

ROBINSON FARMSTEAD 1 (19 PR 968)
PHASE II INVESTIGATION NOT REQUIRED

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ROBINSON FARMSTEAD 3 (19 PR 970)
ASSORTMENT OF 20TH CENTURY DEBRIS/ NO FURTHER INVESTIGATIONS RECOMMENDED

OFF-SITE ARCHEOLOGY AREA

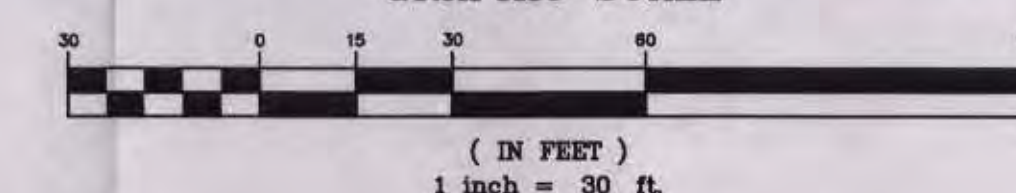
PROPOSED BUFFER

IMPACTS - SHEET B

SPECIMEN TREES	CRZ IMPACT	OUTCOME
38" AMERICAN BEECH (FAGUS GRANDIFOLIA)	100%	REMOVED
FOREST CLEARING		
0.95 AC (41,236 SF)		
AFFORESTATION/REFORESTATION		
NONE ON THIS SHEET		

M-NCPPC Prince George's Planning Department Environmental Planning Section TREE CONSERVATION PLAN II	
APPROVAL TCP II / 039 / 09	
Staff Signature	Date
Initial Approval	4/10/09
01 Revision	4/10/09
02 Revision	

GRAPHIC SCALE



THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

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PRINCE GEORGE'S COUNTY
6600 KENILWORTH AVENUE
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ATTN: CHRIS COLVIN

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CONSULTANT



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THE PLAN WAS PREPARED BY: MATTHEW L. RESCOTT
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MARYLAND DEPARTMENT OF NATURAL RESOURCES
QUALIFIED PROFESSIONAL STATUS (FEB. 14, 2008)

MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
SHEET TITLE

TREE CONSERVATION PLAN SHEET "B"

BID NO.
DATE: 08-05-09
ISSUE: DATE
PERMIT SET (NOT FOR CONSTRUCTION)

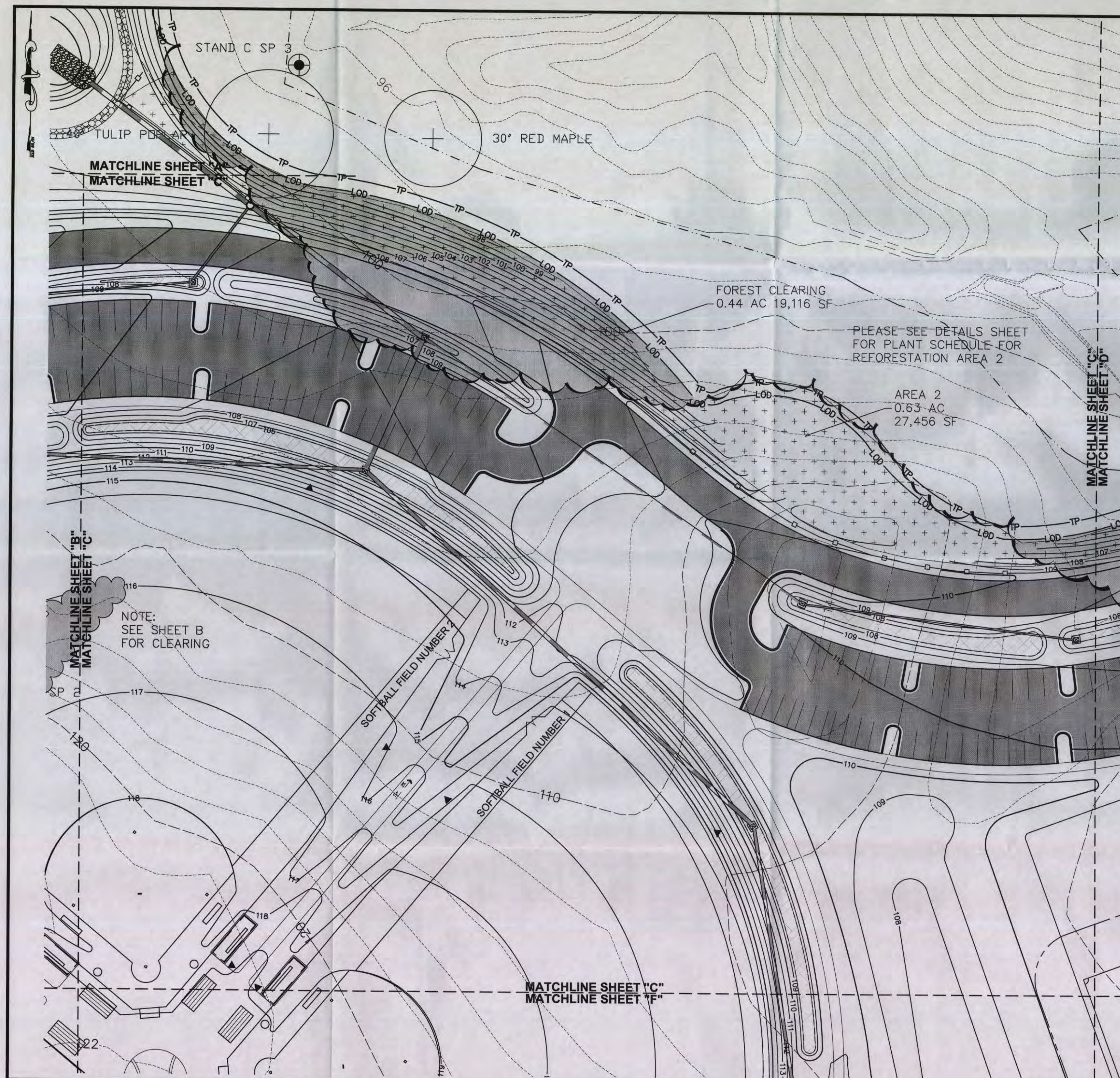


SCALE: SEE DRAWING

SHEET NO.

TCP-101

AMT JOB NO. 107-177.001



LEGEND

- EXISTING WETLAND
- EAGLE RESTRICTION AREA
- PROPOSED ASPHALT PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED BIORETENTION FACILITY SEE DETAILS, SHEET SWM-111
- PROPERTY LINE
- EXISTING STREAM
- 103 EXISTING CONTOURS
- 100 EXISTING CONTOURS
- EXISTING POWER POLE
- EXISTING POWER LINE
- PROPOSED CURB AND GUTTER
- FUTURE SANITARY SEWER
- FUTURE WELL WATER MAIN LINE
- 103 PROPOSED CONTOURS
- 100 PROPOSED CONTOURS
- SPLIT RAIL FENCE
- LOD LIMIT OF DISTURBANCE
- TP TREE PROTECTION FENCE
- SSF SUPER SILT FENCE
- WL WETLAND
- POSSIBLE ROAD
- FUTURE RIGHT OF WAY
- REFORESTATION AREA
- FOREST CLEARING
- PMA BOUNDARY
- SPECIMEN TREE WITH CRITICAL ROOT ZONE
- PROPOSED STORM DRAIN
- PROPOSED CULVERT
- EXISTING FOREST
- EXISTING TREES
- SAMPLE PLOT

- GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP
- GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE
- GREEN BRANCH 3 (18 PR 967)
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- ROBINSON FARMSTEAD 3 (19 PR 970)
ASSORTMENT OF 20TH CENTURY DEBRIS/ NO FURTHER INVESTIGATIONS RECOMMENDED
- OFF-SITE ARCHEOLOGY AREA
- PROPOSED BUFFER

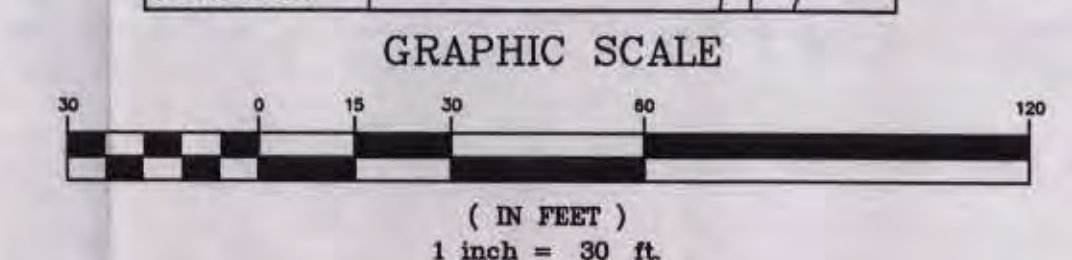
IMPACTS - SHEET C

SPECIMEN TREES	CRZ IMPACT	OUTCOME
30" RED MAPLE (ACER RUBRUM)	NONE	RETAINED
FOREST CLEARING 0.44 AC (19,116 SF) TOTAL/ 0.24 AC (10,329 SF) OFF-SITE		
AFFORESTATION/REFORESTATION AREA 2 - 0.63 AC (27,456 SF)		

M-NCPPC
Prince George's Planning Department
Environmental Planning Section
TREE CONSERVATION PLAN II

APPROVAL
TCPII / 039 / 09

Initial Approval	Staff Signature	Date
01 Revision	<i>[Signature]</i>	4/10/09
02 Revision	<i>[Signature]</i>	4/16/09



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MARYLAND DEPARTMENT OF NATURAL RESOURCES
QUALIFIED PROFESSIONAL STATUS (FEB. 14, 2008)

MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
SHEET TITLE

TREE CONSERVATION PLAN SHEET "C"

BID NO.
DATE: 08-05-09
ISSUE: DATE:
PERMIT SET (NOT FOR CONSTRUCTION)

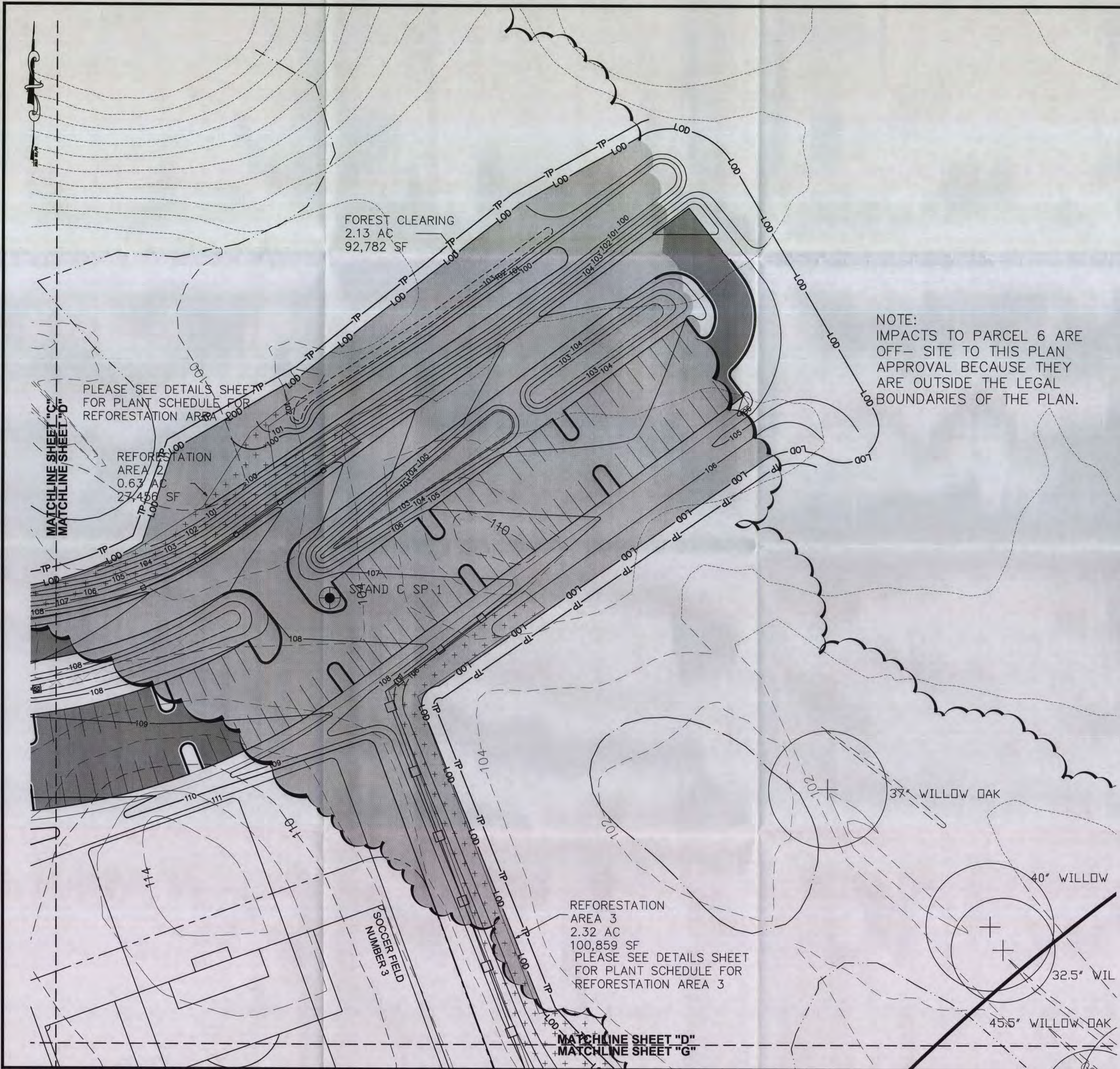
MD, NAT'L CAP. PARK & PL. COMM.
PRINCE GEORGE'S COUNTY
APR 6 2010
COUNTYWIDE PLANNING DIVISION
ENVIRONMENTAL PLANNING SECTION

SCALE: SEE DRAWING

SHEET NO.

TCP-102

AMT JOB NO. 107-177-001



- LEGEND**
- EXISTING WETLAND
 - EAGLE RESTRICTION AREA
 - PROPOSED ASPHALT PAVEMENT
 - PROPOSED SIDEWALK
 - PROPOSED BIORETENTION FACILITY SEE DETAILS, SHEET SWM-111
 - PROPERTY LINE
 - EXISTING STREAM
 - 103
 - 100
 - Ø
 - EXISTING POWER POLE
 - EXISTING POWER LINE
 - PROPOSED CURB AND GUTTER
 - FUTURE SANITARY SEWER
 - FUTURE WELL WATER MAIN LINE
 - 103
 - 100
 -
 - SPLIT RAIL FENCE
 - LOD
 - TP
 - SSF
 - WL
 - WETLAND
 - POSSIBLE ROAD
 - FUTURE RIGHT OF WAY
 - REFORESTATION AREA
 - FOREST CLEARING
 - PMA BOUNDARY
 - SPECIMEN TREE WITH CRITICAL ROOT ZONE
 - PROPOSED STORM DRAIN
 - PROPOSED CULVERT
 - EXISTING FOREST
 - EXISTING TREES
 - SAMPLE PLOT

GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP

GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE

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OFF-SITE ARCHEOLOGY AREA

PROPOSED BUFFER

IMPACTS - SHEET D

SPECIMEN TREES	CRZ IMPACT	OUTCOME
37.0" WILLOW OAK (QUERCUS PHELLOS)	NONE	RETAINED
40.0" WILLOW OAK (QUERCUS PHELLOS)	NONE	RETAINED
32.5" WILLOW OAK (QUERCUS PHELLOS)	NONE	RETAINED

FOREST CLEARING
2.13 AC (92,782 SF) TOTAL/ 1.1 AC (47,842 SF) OFF-SITE

AFFORESTATION/REFORESTATION
AREA 3 - 2.32 AC (100,859 SF) ALSO SEE SHEET G

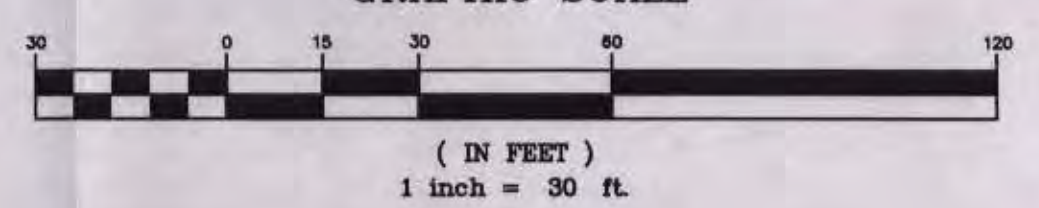
M-NCPPC
Prince George's Planning Department
Environmental Planning Section
TREE CONSERVATION PLAN II

APPROVAL
TCP II / 039 / 09

Staff Signature: [Signature] Date: 11/03/09

Initial Approval: [Signature]
01 Revision: [Signature]
02 Revision: [Signature]

GRAPHIC SCALE
1 inch = 30 ft.



THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

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COLUMBIA, MARYLAND 21046
301-382-9200
WWW.STRAUGHAN-ENVIRONMENTAL.COM

THE PLAN WAS PREPARED BY: MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
MARYLAND DEPARTMENT OF NATURAL RESOURCES
QUALIFIED PROFESSIONAL STATUS (FEB. 14, 2008)

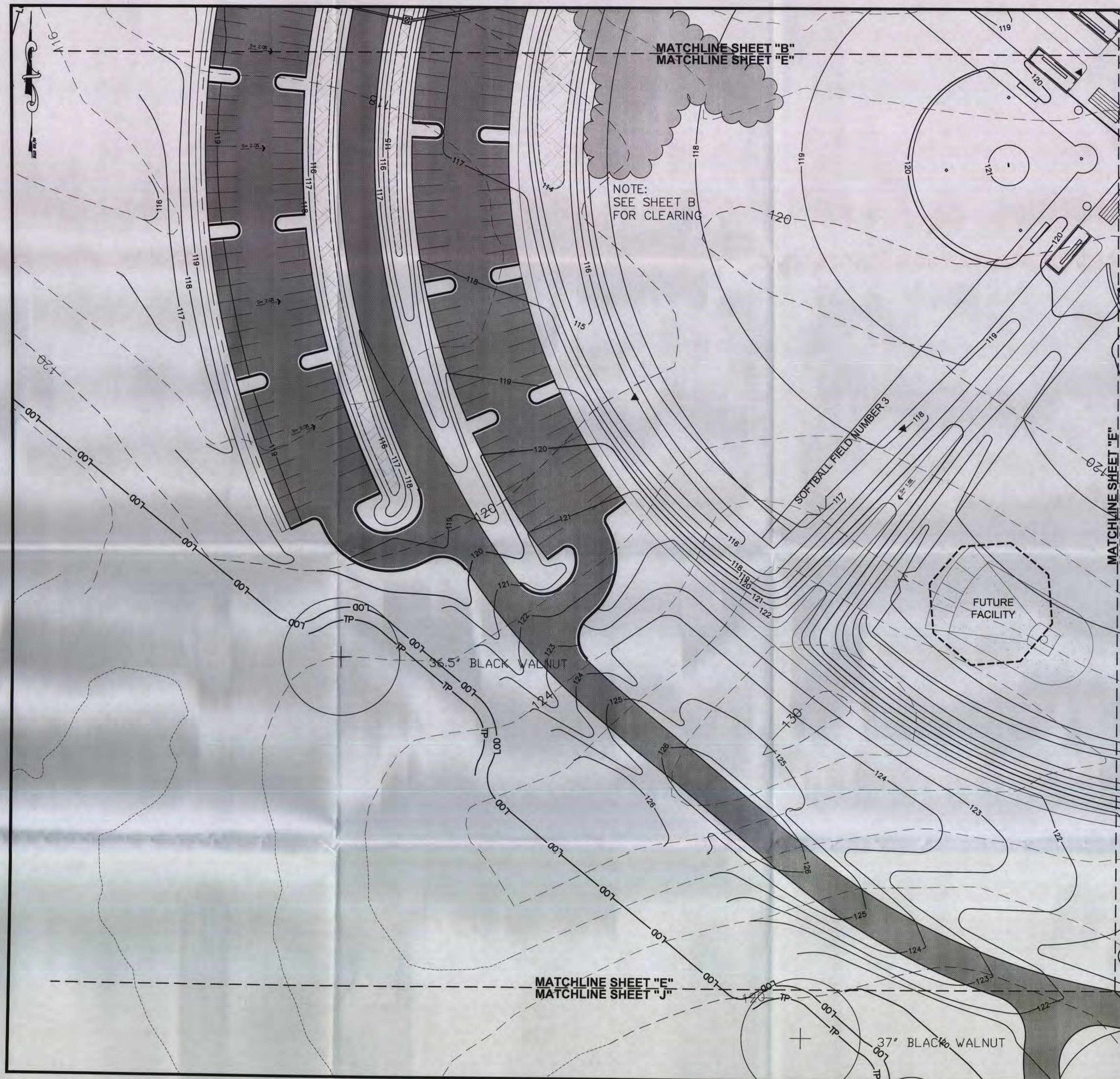
MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
SHEET TITLE

TREE CONSERVATION PLAN SHEET "D"

BID NO.
DATE: 08-05-09
ISSUE: DATE
PERMIT SET (NOT FOR CONSTRUCTION)

MD. NAT'L. CAP. P. & PL. COMM.
PRINCE GEORGE'S COUNTY
APR 6 2010
COUNTYWIDE PLANNING DIVISION
ENVIRONMENTAL PLANNING SECTION
SCALE: SEE DRAWING

SHEET NO.
TCP-103
AMT JOB NO. 107-177.001



LEGEND

- EXISTING WETLAND
- EAGLE RESTRICTION AREA
- PROPOSED ASPHALT PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED BIORETENTION FACILITY SEE DETAILS, SHEET SWM-111
- PROPERTY LINE
- EXISTING STREAM
- 103 EXISTING CONTOURS
- 100
- EXISTING POWER POLE
- EXISTING POWER LINE
- PROPOSED CURB AND GUTTER
- FUTURE SANITARY SEWER
- FUTURE WELL WATER MAIN LINE
- 103 PROPOSED CONTOURS
- 100
- SPLIT RAIL FENCE
- LOD LIMIT OF DISTURBANCE
- TP TREE PROTECTION FENCE
- SSF SUPER SILT FENCE
- WL WETLAND
- POSSIBLE ROAD
- FUTURE RIGHT OF WAY
- REFORESTATION AREA
- FOREST CLEARING
- PMA BOUNDARY
- SPECIMEN TREE WITH CRITICAL ROOT ZONE
- PROPOSED STORM DRAIN
- PROPOSED CULVERT
- EXISTING FOREST
- EXISTING TREES
- SAMPLE PLOT

GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP

GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE

GREEN BRANCH 3 (18 PR 967)
TO BE PRESERVED IN PLACE

ROBINSON FARMSTEAD 1 (19 PR 968)
PHASE II INVESTIGATION NOT REQUIRED

ROBINSON FARMSTEAD 2 (19 PR 969)
INTERPRETED AS SLOPE WASH FROM DISTURBED SITE/ NO FURTHER INVESTIGATIONS RECOMMENDED

ROBINSON FARMSTEAD 3 (19 PR 970)
ASSORTMENT OF 20TH CENTURY DEBRIS/ NO FURTHER INVESTIGATIONS RECOMMENDED

OFF-SITE ARCHEOLOGY AREA

PROPOSED BUFFER

IMPACTS - SHEET E

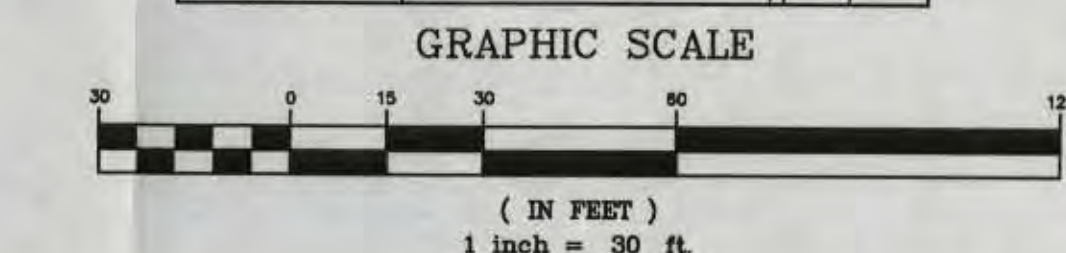
SPECIMEN TREES	CRZ IMPACT	OUTCOME
36.5" BLACK WALNUT (JUGLANS NIGRA)	6%	RETAINED
FOREST CLEARING		
SEE SHEET B		
AFFORESTATION/REFORESTATION		
NONE		

M-NOPPC
Prince George's Planning Department
Environmental Planning Section
TREE CONSERVATION PLAN II

APPROVAL
TCP II / 039 / 09

Staff Signature: [Signature] Date: 4/16/10

Initial Approval: [Signature]
01 Revision: [Signature]
02 Revision: [Signature]



THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

DEPARTMENT OF PARKS & RECREATION
PRINCE GEORGE'S COUNTY
6600 KENILWORTH AVENUE
RIVERDALE, MARYLAND 20737
PHONE 301-699-2487
ATTN: CHRIS COLVIN

GREEN BRANCH ATHLETIC COMPLEX 3603 NE CRAIN HWY BOWIE, MD 20716

CONSULTANT

AMT
A. MONTGOMERY THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
1970 PINEBARK AVENUE SUITE 200
COLUMBIA, MARYLAND 21046
TEL: 301-362-6200
WWW.AMTENGINEERING.COM

STRAUGHAN ENVIRONMENTAL SERVICES, INC.
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
8130 GULFORD ROAD
SUITE 100
COLUMBIA, MARYLAND 21046
301-362-6200

THIS PLAN WAS PREPARED BY: MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
MARYLAND DEPARTMENT OF NATURAL RESOURCES
QUALIFIED PROFESSIONAL STATUS (FEB. 14, 2008)

MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
SHEET TITLE

TREE CONSERVATION PLAN SHEET "E"

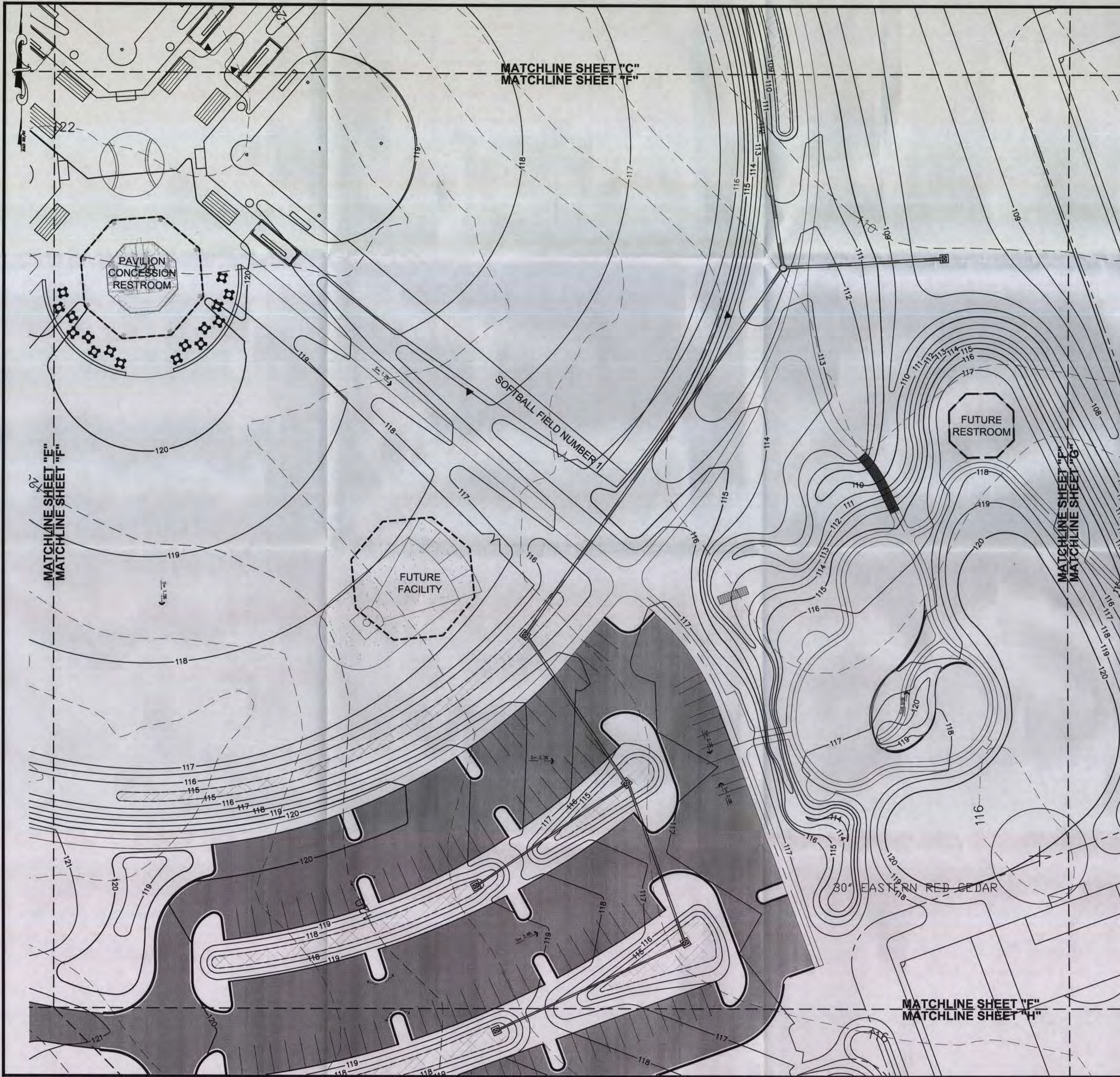
BID NO.
DATE: 08-05-09
ISSUE: DATE:
PERMIT SET (NOT FOR CONSTRUCTION)

MD. NAT'L. CAP. PK. & PL. COMM.
PRINCE GEORGE'S COUNTY
APR 6 2010
COUNTY-WIDE PLANNING DIVISION
ENVIRONMENTAL PLANNING SECTION

SCALE: SEE DRAWING
SHEET NO.

TCP-104

AMT JOB NO. 107-177.001



- LEGEND**
- | | | | |
|--|--|--|---------------------------------------|
| | EXISTING WETLAND | | REFORESTATION AREA |
| | EAGLE RESTRICTION AREA | | FOREST CLEARING |
| | PROPOSED ASPHALT PAVEMENT | | PMA BOUNDARY |
| | PROPOSED SIDEWALK | | SPECIMEN TREE WITH CRITICAL ROOT ZONE |
| | PROPOSED BIORETENTION FACILITY
SEE DETAILS, SHEET SWM-111 | | PROPOSED STORM DRAIN |
| | PROPERTY LINE | | PROPOSED CULVERT |
| | EXISTING STREAM | | EXISTING FOREST |
| | EXISTING CONTOURS | | EXISTING TREES |
| | EXISTING POWER POLE | | SAMPLE PLOT |
| | EXISTING POWER LINE | | |
| | PROPOSED CURB AND GUTTER | | |
| | FUTURE SANITARY SEWER | | |
| | FUTURE WELL WATER MAIN LINE | | |
| | PROPOSED CONTOURS | | |
| | SPLIT RAIL FENCE | | |
| | LIMIT OF DISTURBANCE | | |
| | TREE PROTECTION FENCE | | |
| | SUPER SILT FENCE | | |
| | WETLAND | | |
| | POSSIBLE ROAD | | |
| | FUTURE RIGHT OF WAY | | |

GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP

GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE

GREEN BRANCH 3 (18 PR 967)
TO BE PRESERVED IN PLACE

ROBINSON FARMSTEAD 1 (19 PR 968)
PHASE II INVESTIGATION NOT REQUIRED

ROBINSON FARMSTEAD 2 (19 PR 969)
INTERPRETED AS SLOPE WASH FROM DISTURBED SITE/ NO FURTHER INVESTIGATIONS RECOMMENDED

ROBINSON FARMSTEAD 3 (19 PR 970)
ASSORTMENT OF 20TH CENTURY DEBRIS/ NO FURTHER INVESTIGATIONS RECOMMENDED

OFF-SITE ARCHEOLOGY AREA

PROPOSED BUFFER

IMPACTS - SHEET F

SPECIMEN TREES	CRZ IMPACT	OUTCOME
30' E RED CEDAR (JUNIPERUS VIRGINIANA)	100%	REMOVED

FOREST CLEARING
NONE

AFFORESTATION/REFORESTATION
NONE ON THIS SHEET

M-NCPPC
Prince George's Planning Department
Environmental Planning Section
TREE CONSERVATION PLAN II

APPROVAL
TCP/ 039 / 09

Staff Signature / Date
Initial Approval / Date
01 Revision / Date
02 Revision / Date

GRAPHIC SCALE
30 0 15 30 60 90 120
(IN FEET)
1 inch = 30 ft.

THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

DEPARTMENT OF
PARKS & RECREATION
PRINCE GEORGE'S COUNTY
6600 KENILWORTH AVENUE
RIVERDALE, MARYLAND 20737
PHONE 301-698-2487
ATTN: CHRIS COLVIN

GREEN BRANCH ATHLETIC COMPLEX
3603 NE CRAIN HWY
BOWIE, MD 20716

CONSULTANT
AMT
A. MONTGOMERY THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
1870 PEBBLEBROOK PARKWAY, SUITE 100
BOWIE, MD 20716
TEL: 410-326-1000
FAX: 410-326-1001
WWW.AMT-ENGINEERS.COM

STRAUGHAN ENVIRONMENTAL SERVICES, INC.
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
9135 GULFORD ROAD
SUITE 100
COLUMBIA, MARYLAND 21046
301-362-8200
WWW.STRAUGHAN-ENVIRONMENTAL.COM

DATE
SHEET TITLE

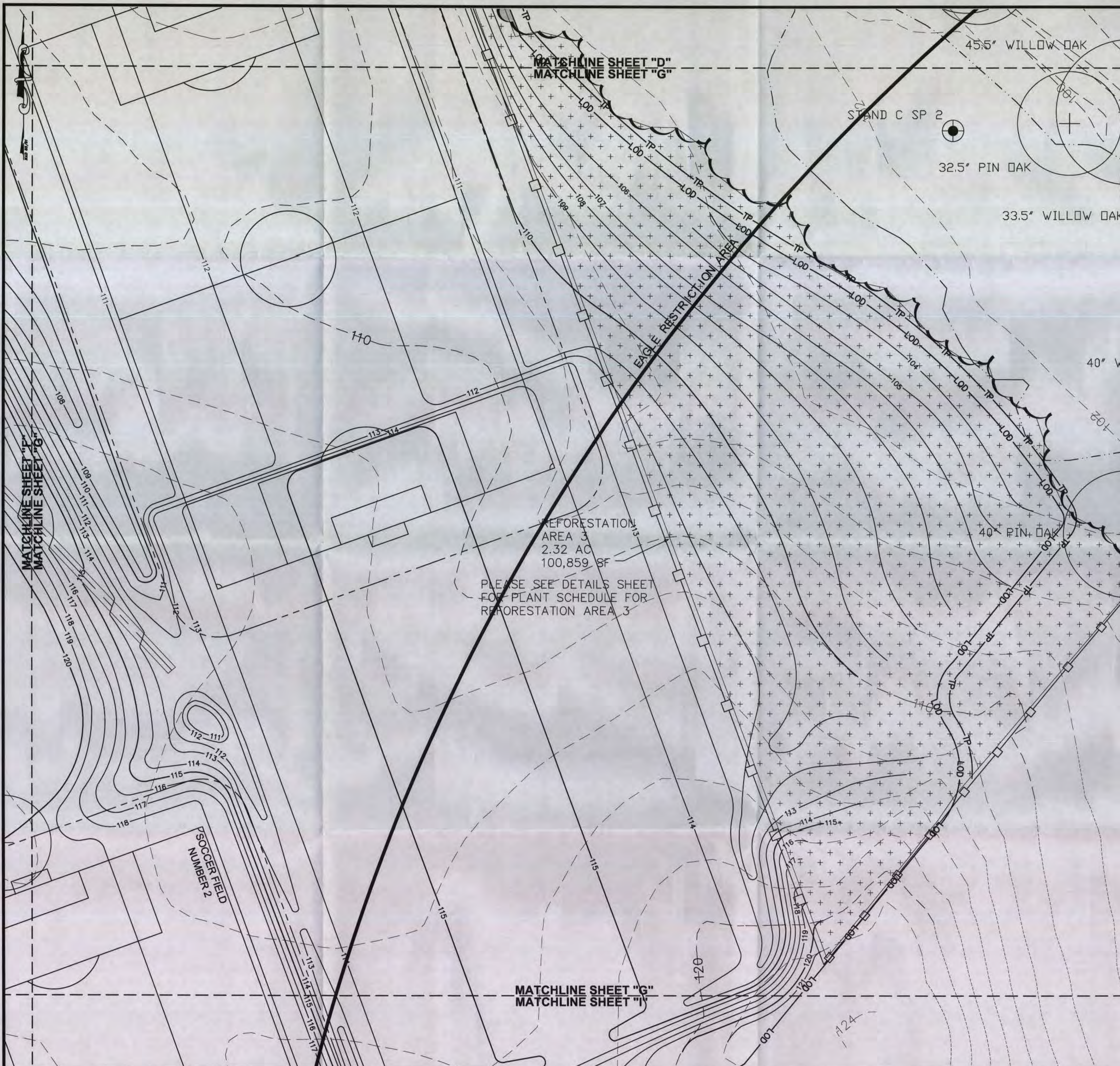
TREE CONSERVATION PLAN SHEET "F"

BID NO.
DATE: 08-05-09
ISSUE: DATE:
PERMIT SET (NOT FOR CONSTRUCTION)

MD. NAT'L. CAP. P. & PL. COMM.
PRINCE GEORGE'S COUNTY
APR 6 2010
COUNTY PLANNING DIVISION
ENVIRONMENTAL PLANNING SECTION

SCALE: SEE DRAWING

SHEET NO.
TCP-105
AMT JOB NO. 107-177.001



- LEGEND**
- | | | | |
|--|--|--|---------------------------------------|
| | EXISTING WETLAND | | REFORESTATION AREA |
| | EAGLE RESTRICTION AREA | | FOREST CLEARING |
| | PROPOSED ASPHALT PAVEMENT | | PMA BOUNDARY |
| | PROPOSED SIDEWALK | | SPECIMEN TREE WITH CRITICAL ROOT ZONE |
| | PROPOSED BIORETENTION FACILITY
SEE DETAILS, SHEET SWM-111 | | PROPOSED STORM DRAIN |
| | PROPERTY LINE | | PROPOSED CULVERT |
| | EXISTING STREAM | | EXISTING FOREST |
| | 103 EXISTING CONTOURS | | EXISTING TREES |
| | EXISTING POWER POLE | | SAMPLE PLOT |
| | EXISTING POWER LINE | | |
| | PROPOSED CURB AND GUTTER | | |
| | FUTURE SANITARY SEWER | | |
| | FUTURE WELL WATER MAIN LINE | | |
| | 103 PROPOSED CONTOURS | | |
| | 100 PROPOSED CONTOURS | | |
| | SPLIT RAIL FENCE | | |
| | LOD LIMIT OF DISTURBANCE | | |
| | TP TREE PROTECTION FENCE | | |
| | SSF SUPER SILT FENCE | | |
| | WL WETLAND | | |
| | POSSIBLE ROAD | | |
| | FUTURE RIGHT OF WAY | | |

GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP

GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE

GREEN BRANCH 3 (18 PR 967)
TO BE PRESERVED IN PLACE

ROBINSON FARMSTEAD 1 (19 PR 968)
PHASE II INVESTIGATION NOT REQUIRED

ROBINSON FARMSTEAD 2 (19 PR 969)
INTERPRETED AS SLOPE WASH FROM DISTURBED SITE/ NO FURTHER INVESTIGATIONS RECOMMENDED

ROBINSON FARMSTEAD 3 (19 PR 970)
ASSORTMENT OF 20TH CENTURY DEBRIS/ NO FURTHER INVESTIGATIONS RECOMMENDED

OFF-SITE ARCHEOLOGY AREA

PROPOSED BUFFER

IMPACTS - SHEET G

SPECIMEN TREES	CRZ IMPACT	OUTCOME
40.0' PIN OAK (QUERCUS PALUSTRIS)	NONE	RETAINED
40.0' WILLOW OAK (QUERCUS PHELLOS)	NONE	RETAINED
33.5' WILLOW OAK (QUERCUS PHELLOS)	NONE	RETAINED
32.5' PIN OAK (QUERCUS PALUSTRIS)	NONE	RETAINED
45.5' WILLOW OAK (QUERCUS PHELLOS)	NONE	RETAINED

FOREST CLEARING
NONE

AFFORESTATION/REFORESTATION
AREA 3 - 2.32 AC (100,859 SF) ALSO SEE SHEET D

M-NCPPC
Prince George's Planning Department
Environmental Planning Section
TREE CONSERVATION PLAN II

APPROVAL
TCPII / 039 / 09

Staff Signature: *[Signature]* Date: *4/03/09*

Initial Approval: *[Signature]*
01 Revision: *[Signature]*
02 Revision: *[Signature]*

GRAPHIC SCALE
1 inch = 30 ft.



THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

DEPARTMENT OF PARKS & RECREATION
PRINCE GEORGE'S COUNTY
6600 KENILWORTH AVENUE
RIVERDALE, MARYLAND 20737
PHONE 301-699-2487
ATTN: CHRIS COLVIN

GREEN BRANCH ATHLETIC COMPLEX
3603 NE CRAIN HWY
BOWIE, MD 20716

CONSULTANT
AMT
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
13700 TOWNHALL PARKWAY, SUITE 100
BOWIE, MARYLAND 20716
(301) 486-4646 FAX (301) 486-4644
WWW.AMT-ENGINEERS.COM

STRAUGHAN ENVIRONMENTAL SERVICES, INC.
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
9135 GULFORD ROAD
SUITE 100
COLUMBIA, MARYLAND 21046
301-362-9200

THIS PLAN WAS PREPARED BY: MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
MARYLAND DEPARTMENT OF NATURAL RESOURCES
QUALIFIED PROFESSIONAL STATUS (FEB. 14, 2008)

MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
SHEET TITLE

TREE CONSERVATION PLAN
SHEET "G"

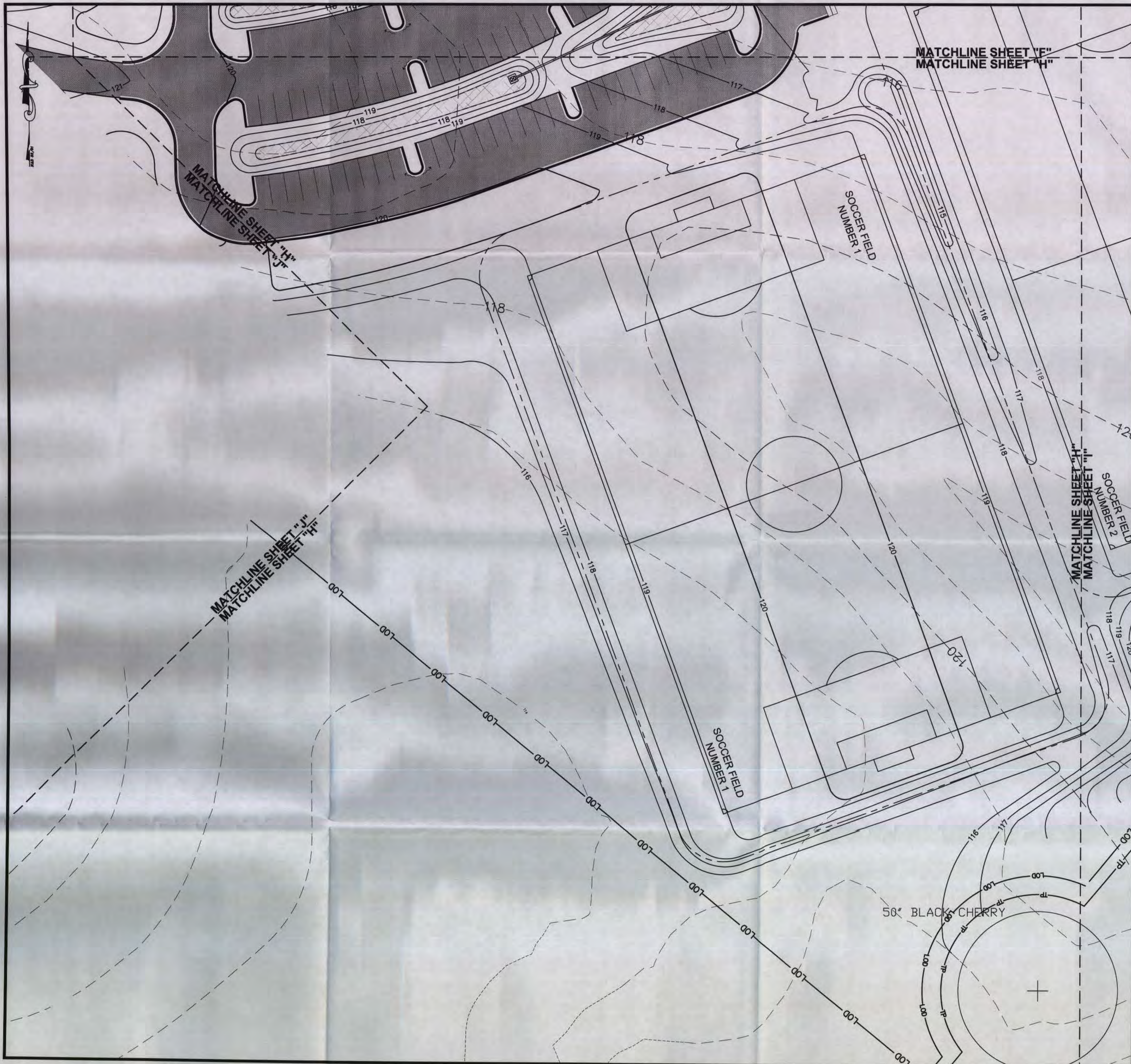
BID NO.
DATE: 08-05-09
ISSUE: DATE
PERMIT SET (NOT FOR CONSTRUCTION)

SCALE: SEE DRAWING

SHEET NO.

TCP-106

AMT JOB NO. 107-177.001



- LEGEND**
- | | | | |
|--|--|--|---------------------------------------|
| | EXISTING WETLAND | | REFORESTATION AREA |
| | EAGLE RESTRICTION AREA | | FOREST CLEARING |
| | PROPOSED ASPHALT PAVEMENT | | PMA BOUNDARY |
| | PROPOSED SIDEWALK | | SPECIMEN TREE WITH CRITICAL ROOT ZONE |
| | PROPOSED BIORETENTION FACILITY
SEE DETAILS, SHEET SWM-111 | | PROPOSED STORM DRAIN |
| | PROPERTY LINE | | PROPOSED CULVERT |
| | EXISTING STREAM | | EXISTING FOREST |
| | EXISTING CONTOURS 103 | | EXISTING TREES |
| | EXISTING CONTOURS 100 | | SAMPLE PLOT |
| | EXISTING POWER POLE | | |
| | EXISTING POWER LINE | | |
| | PROPOSED CURB AND GUTTER | | |
| | FUTURE SANITARY SEWER | | |
| | FUTURE WELL WATER MAIN LINE | | |
| | PROPOSED CONTOURS 103 | | |
| | PROPOSED CONTOURS 100 | | |
| | SPLIT RAIL FENCE | | |
| | LIMIT OF DISTURBANCE | | |
| | TREE PROTECTION FENCE | | |
| | SUPER SILT FENCE | | |
| | WETLAND | | |
| | POSSIBLE ROAD | | |
| | FUTURE RIGHT OF WAY | | |

GREEN BRANCH 1 (18 PR 965)
NO ADDITIONAL INVESTIGATION REQUIRED/ MORTAR IS FROM RECENT LIME DUMP

GREEN BRANCH 2 (18 PR 966)
NO FEATURES IDENTIFIED/ LARGE QUANTITY OF ARTIFACTS/ SITE MONITORING OR FURTHER INVESTIGATION POSSIBLE

GREEN BRANCH 3 (18 PR 967)
TO BE PRESERVED IN PLACE

ROBINSON FARMSTEAD 1 (19 PR 968)
PHASE II INVESTIGATION NOT REQUIRED

ROBINSON FARMSTEAD 2 (19 PR 969)
INTERPRETED AS SLOPE WASH FROM DISTURBED SITE/ NO FURTHER INVESTIGATIONS RECOMMENDED

ROBINSON FARMSTEAD 3 (19 PR 970)
ASSORTMENT OF 20TH CENTURY DEBRIS/ NO FURTHER INVESTIGATIONS RECOMMENDED

OFF-SITE ARCHEOLOGY AREA

PROPOSED BUFFER

IMPACTS - SHEET H

SPECIMEN TREES	CRZ IMPACT	OUTCOME
50.0" BLACK CHERRY (PRUNUS SEROTINA)	25%	RETAINED

FOREST CLEARING
NONE

AFFORESTATION/REFORESTATION
NONE

M-NCPPC
Prince George's Planning Department
Environmental Planning Section
TREE CONSERVATION PLAN II

APPROVAL

TCP II / 039 / 09

Staff Signature: *[Signature]* Date: *10/03/09*

Initial Approval: *[Signature]*
01 Revision: *[Signature]*
02 Revision: *[Signature]*

GRAPHIC SCALE

30 0 30 60 90 120
(IN FEET)
1 inch = 30 ft.

MD. NAT'L. CAP. PK. & PRINCE GEORGE'S COUNTY

APR 6 2010

COUNTYWIDE PLANNING DIVISION

THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

DEPARTMENT OF PARKS & RECREATION
PRINCE GEORGE'S COUNTY
6800 KENILWORTH AVENUE
RIVERDALE, MARYLAND 20737
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ATTN: CHRIS COLVIN

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(301) 881-5500 FAX (301) 881-0544
WWW.AMTCONSULTING.COM

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9135 GULFORD ROAD
SUITE 100
COLUMBIA, MARYLAND 21046
301-362-9200

THIS PLAN WAS PREPARED BY: MATTHEW L. RESCOTT
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MARYLAND DEPARTMENT OF NATURAL RESOURCES
QUALIFIED PROFESSIONAL STATUS (FEB. 14, 2008)

MATTHEW L. RESCOTT
STRAUGHAN ENVIRONMENTAL SERVICES, INC.
SHEET TITLE

TREE CONSERVATION PLAN SHEET "H"

BID NO. _____
DATE: 08-05-09
ISSUE: _____ DATE: _____
PERMIT SET (NOT FOR CONSTRUCTION)

MD. NAT'L. CAP. PK. & PRINCE GEORGE'S COUNTY

APR 6 2010

COUNTYWIDE PLANNING DIVISION

SCALE: SEE DRAWING

SHEET NO.

TCP-107

AMT JOB NO. 107-177.001