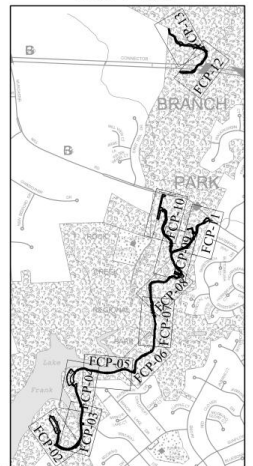
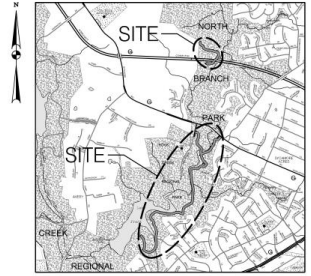
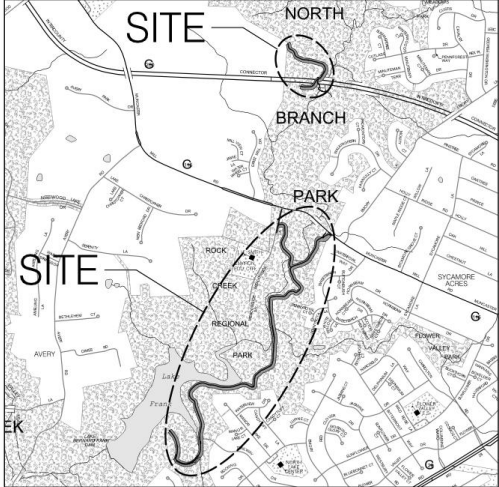


# ROCK CREEK REGIONAL PARK FOREST CONSERVATION PLAN

6700 NEEDWOOD ROAD, ROCKVILLE, MARYLAND



- LEGEND**
- EXISTING CONTOURS
  - EXISTING FENCE
  - EXISTING CANOPY
  - WATERS OF THE US
  - STORMWATER PIPE
  - SOILS
  - CRITICAL ROOT ZONE OF SIGNIFICANT TREE
  - VARIANCE TREE
  - CRITICAL ROOT ZONE IMPACT
  - PROPOSED CONTOURS
  - STREAM BUFFER / ENVIRONMENTAL BUFFER
  - DAM EMERGENCY SPILLWAY
  - PROPOSED TREE LINE
  - LIMIT OF CLEARING
  - WETLAND BUFFER
  - 100 YR. WATER SURFACE ELEV.
  - NATURAL SURFACE TRAIL
  - LIMIT OF DISTURBANCE (LODI)
  - SILT FENCE OR AS NOTED ON PLANS
  - FILTER LOG-12
  - PROPOSED STORMWATER PIPE
  - TRIP
  - TRIP PROTECTION FENCE
  - ROOT PRUNING
  - MITIGATION TREE
  - SIGNIFICANT TREE TO BE REMOVED
  - VARIANCE TREE TO BE REMOVED
  - ORNAMENTAL TREE
  - EVERGREEN TREE



**SITE MAP**  
Scale: 1" = 1,000'

## FOREST CONSERVATION PLAN SHEET INDEX

- 1 TITLE SHEET
- 2-13 PLAN SHEET
- 14-15 PLAN NOTES & DETAILS

**DEVELOPER'S CERTIFICATE**

The undersigned hereby certifies that all the information contained herein was obtained from reliable sources and is true and correct to the best of my knowledge and belief.

Developer's Name: M-DCPP, PWD  
Michael J. Zaleski, P.E.  
Contact Person or Person: MICHAEL J. ZALESKI, P.E.  
Address: 2425 REEDS DRIVE, 11th FLOOR, WASHINGTON, DC 20002  
Phone and Email: 202-452-2452  
Michael.J.Zaleski@montgomery-parks.org  
Signature: *Michael J. Zaleski*

**LAYOUT**  
Scale: 1" = 1,000'

I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual adopted by Montgomery County (July 1993), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (MNCPPC).

Signature: *Brian Morgan*  
Brian Morgan, P.L.A.  
Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

### FOREST CONSERVATION WORKSHEET

North Branch Trail

**NET TRACT AREA**

|  |       |
|--|-------|
| A. Total tract area  | 11.03 |
| B. Additions to tract area (DPR Site Work, etc.; construction required by this plan) | 0.00  |
| C. Land dedication to park (park, county facility, etc.)                             | 0.00  |
| D. Land dedication for roads or utilities (construction not required by this plan)   | 0.00  |
| E. Area to remain in commercial/agricultural production/use                          | 0.00  |
| F. Other deductions (100-year floodplain)  | 6.19  |
| G. Net Tract Area  | 4.84  |

**LAND USE CATEGORY** (from Chapter 22A-3, Definitions)

Input the number "1" under the appropriate land use, based on only one entry.

|     |     |     |     |     |    |
|-----|-----|-----|-----|-----|----|
| ALA | MEB | IDA | HOR | MFD | CA |
| 0   | 0   | 1   | 0   | 0   | 0  |

G. Afforestation Threshold ... 15% x G = 0.73  
H. Conservation Threshold ... 20% x G = 0.97

**EXISTING FOREST COVER**

|   |       |
|---|-------|
| I. Existing forest cover                        | 10.21 |
| J. Area of forest above afforestation threshold | 9.48  |
| K. Area of forest above conservation threshold  | 9.24  |

**BREAK EVEN POINT**

|  |      |
|--|------|
| L. Forest retention above threshold with no mitigation | 2.82 |
| M. Clearing permitted without mitigation               | 7.39 |

**PROPOSED FOREST CLEARING**

|  |      |
|--|------|
| N. Total area of forest to be cleared  | 5.11 |
| O. Total area of forest to be retained | 5.10 |

**PLANTING REQUIREMENTS**

|  |      |
|--|------|
| P. Reafforestation for clearing above conservation threshold | 1.28 |
| Q. Reafforestation for clearing below conservation threshold | 4.13 |
| R. Credit for retention above conservation threshold         | 4.13 |
| S. Total reafforestation required                            | 0.00 |
| T. Total afforestation required                              | 0.00 |
| U. Credit for landscaping (may not exceed 20% of "S")        | 0.00 |
| V. Total reafforestation and afforestation required          | 0.00 |

**Forest Conservation Data Table**

| Number of Acres | Forest Type                 |
|-----------------|-----------------------------|
| 0.00            | Remain in Agricultural Use  |
| 0.00            | Road & Utility Right-of-Way |
| 0.00            | Total Existing Forest       |
| 0.00            | Forest Retention            |
| 0.00            | Forest Clearing             |
| 0.00            | Land Use & Threshold        |
| 0.00            | Land Use Category           |
| 0.00            | Conservation Threshold      |
| 0.00            | Afforestation Threshold     |
| 0.00            | Total Channel Length (ft)   |
| 0.00            | Average Buffer Width (ft)   |
| 0.00            | Acres of Forest in Wetlands |
| 0.00            | 100 Year Floodplain         |
| 0.00            | Stream Buffers              |
| 0.00            | Priority Areas              |

1. This field or fields may not be used as part of development applications. Collaboration with local agencies is required to determine appropriate use.

2. Reafforestation credit is based on the following criteria:

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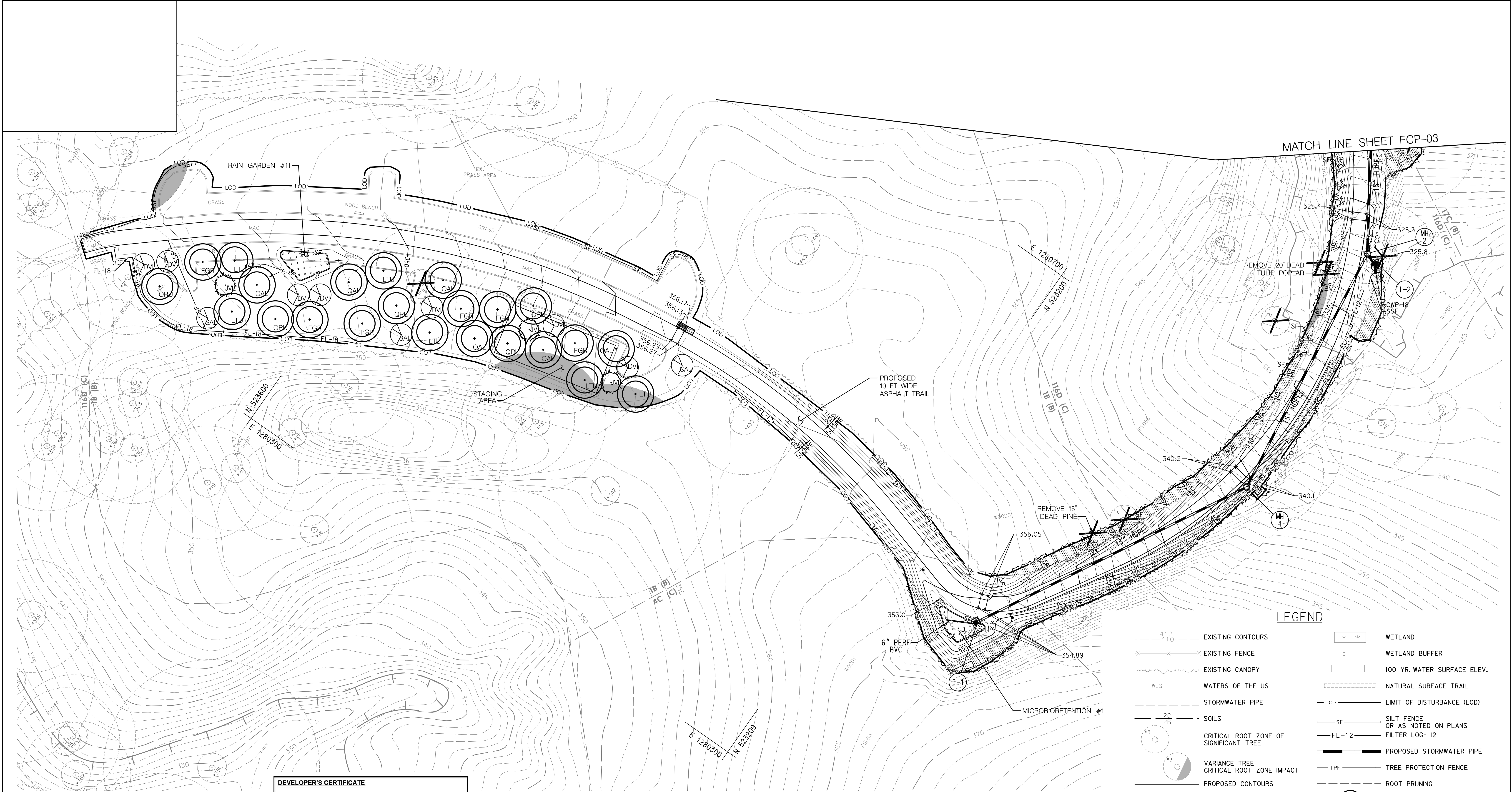
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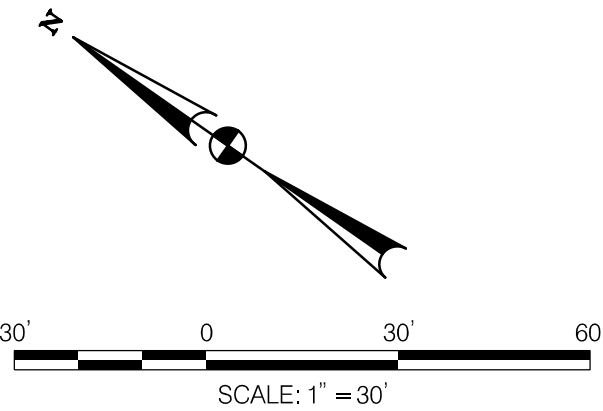
FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11



|  |   |
|--|---|
| <b>DEVELOPER'S CERTIFICATE</b>   |   |
| The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. <u>SC2019012</u> including financial bonding, forest planting, maintenance, and all other applicable agreements. |   |
| Developer's Name:  | <u>M-NCPPC, PPD</u><br><small>Printed Company Name</small>        |
| Contact Person or Owner:   | <u>MICHAEL ZELASKI, P.E.</u><br><small>Printed Name</small>       |
| Address:   | <u>2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902</u>             |
| Phone and Email:   | <u>301.495.2465</u><br><u>Michael.Zelaski@montgomeryparks.org</u> |
| Signature:   | <u>Michael Zelaski</u>  |



"I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual; adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1989)."

Signature: Brian Morgan, P.L.A.  
Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044



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Engineering | Design | Planning | Construction Management

Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
Tel: 410.880.3055

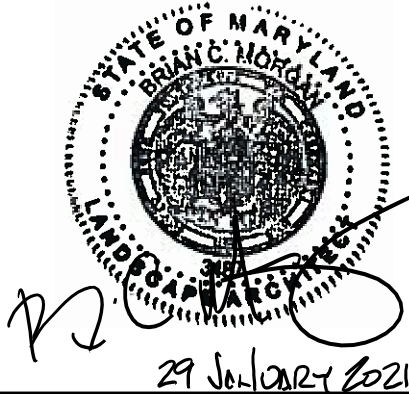
| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |      |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|------|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks |                     | Date |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             |                     | Date |  |
| Engineer            | Date | Checked By: | Region              | Date |                         |                     | Date |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         |                     | Date |  |



The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Park and Planning  
2425 Reedie Drive, 11th Floor  
Wheaton, Maryland 20902  
(301) 495-2535

| PLANS ISSUED FOR CONSTRUCTION DRAWINGS |      |             |
|--|------|-------------|
| REVISIONS                              |      |             |
| Rev. No.                               | Date | Description |
|  |      |             |
|  |      |             |
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Professional Certification:

"I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland license No. 3487 Expiration Date: 07/03/22"

PROJECT

North Branch Trail

FCP-02

FIRST CERTIFICATION PLAN 1  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD

SCALE: AS SHOWN  
DATE: JANUARY 2021

SHEET 108 OF 128



FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11



**DEVELOPER'S CERTIFICATE**  
The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. **SC2019012** including financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: **M-NCPPC, PPD**  
Printed Company Name

Contact Person or Owner: **MICHAEL ZELASKI, P.E.**  
Printed Name

Address: **2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902**

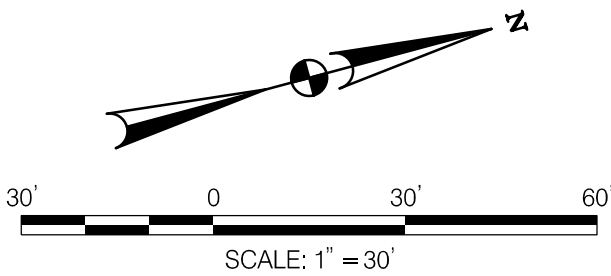
Phone and Email: **301.495.2465**  
**Michael.Zelaski@montgomeryparks.org**

Signature: *Michael Zelaski*

**GPI**  
Engineering | Design | Planning | Construction Management

[www.gpinet.com](http://www.gpinet.com)

**Greenman-Pedersen, Inc.**  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
Tel: 410.880.3055



"I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual, adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1989)."

Signature: *[Signature]*

Brian Morgan, P.L.A.  
Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

- 412

410

EXISTING CONTOURS
- X

X
- EXISTING FENCE

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WUS

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2B

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| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |      |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|------|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks |                     | Date |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             |                     | Date |  |
| Engineer            | Date | Checked By: | Region              | Date |                         |                     | Date |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         |                     | Date |  |



**The Maryland-National Capital Park and Planning Commission**  
Montgomery County Department of Park and Planning  
2425 Reedie Drive, 11th Floor  
Wheaton, Maryland 20902  
(301) 495-2535

| PLANS ISSUED FOR CONSTRUCTION DRAWINGS |      |             |
|--|------|-------------|
| REVISIONS                              |      |             |
| Rev. No.                               | Date | Description |
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Professional Certification:  
"I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland license No. 3487  
Expiration Date: 07/03/22

PROJECT

**North Branch Trail**

**FCP-03**

FIRST FOREST CONSERVATION PLAN 2  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD

SCALE: AS SHOWN  
DATE: JANUARY 2021

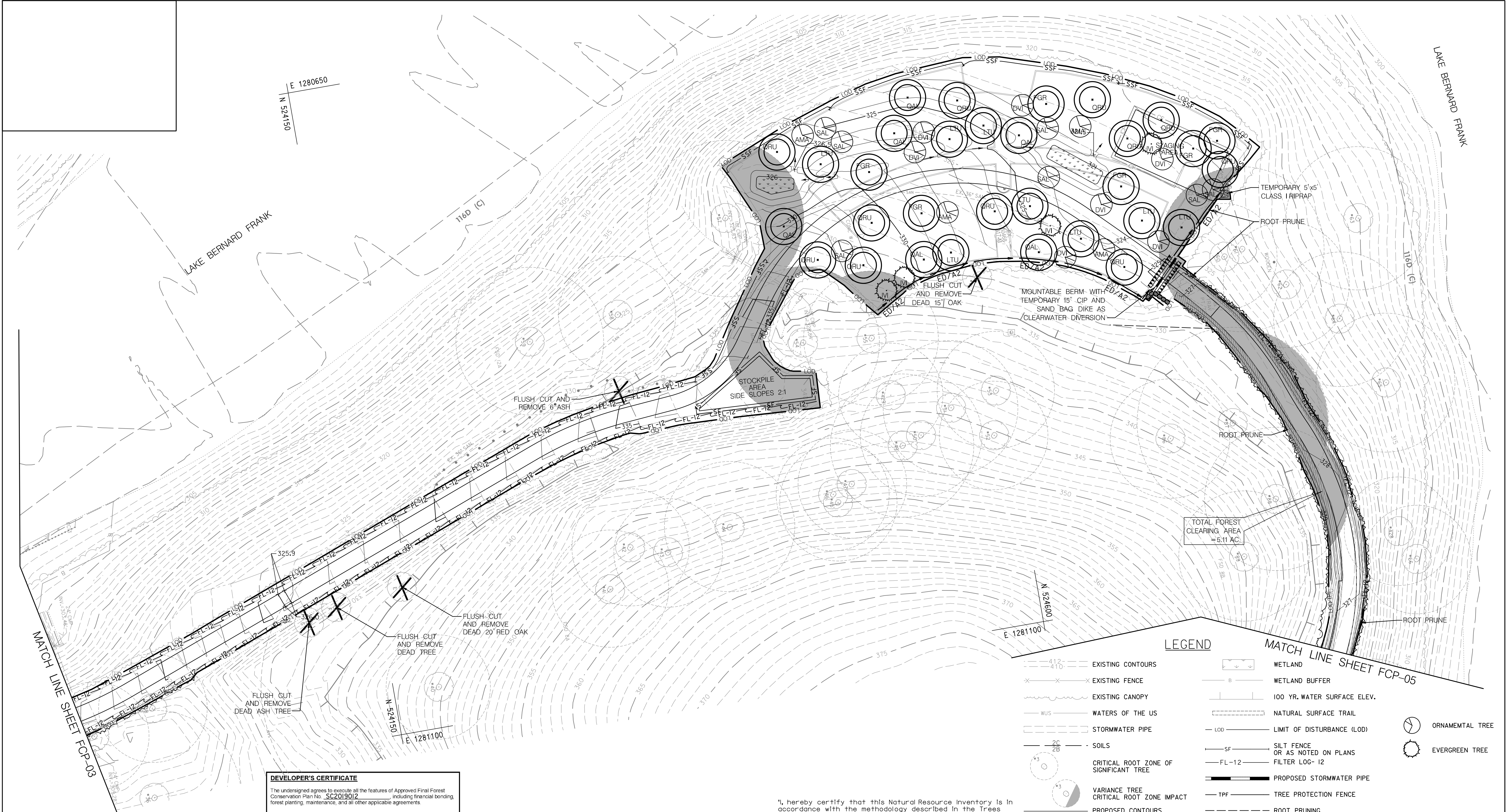
MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES (MCDPS) SHEET 48 OF 62



FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11



**GPI**

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Tel: 410.880.3055

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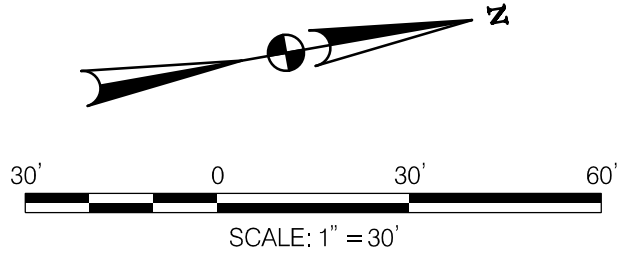
Developer's Name: M-NCPPC, PPD  
Printed Company Name

Contact Person or Owner: MICHAEL ZELASKI, P.E.  
Printed Name

Address: 2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902

Phone and Email: 301.495.2465  
Michael.Zelaski@montgomeryparks.org

Signature: Michael Zelaski



"I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual, adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1989)."

Signature: MC #5

Brian Morgan, P.L.A.  
Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

**LEGEND**

412-410

EXISTING CONTOURS

X-X

EXISTING FENCE

---

EXISTING CANOPY

WUS

WATERS OF THE US

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STORMWATER PIPE

2C 2B

SOILS

CRITICAL ROOT ZONE OF SIGNIFICANT TREE

VARIANCE TREE CRITICAL ROOT ZONE IMPACT

PROPOSED CONTOURS

EB

STREAM BUFFER/ ENVIRONMENTAL BUFFER

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DAM EMERGENCY SPILLWAY

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PROPOSED TREE LINE

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LIMIT OF CLEARING

WETLAND

WETLAND BUFFER

100 YR. WATER SURFACE ELEV.

NATURAL SURFACE TRAIL

LOD

LIMIT OF DISTURBANCE (LOD)

SF

SILT FENCE OR AS NOTED ON PLANS

FL-12

FILTER LOG- 12

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PROPOSED STORMWATER PIPE

TPF

TREE PROTECTION FENCE

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ROOT PRUNING

MITIGATION TREE

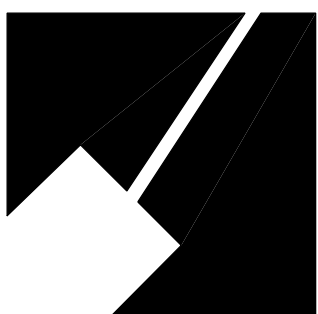
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ORNAMENTAL TREE

EVERGREEN TREE

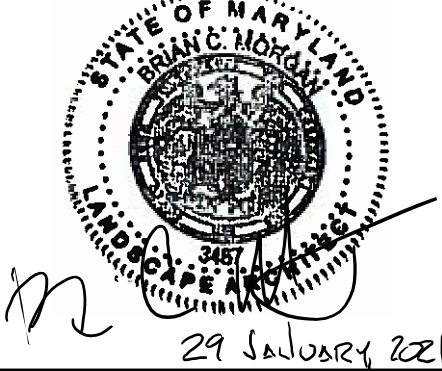
| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |      |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|------|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks |                     | Date |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             |                     | Date |  |
| Engineer            | Date | Checked By: | Region              | Date |                         |                     | Date |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         |                     | Date |  |



The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Park and Planning  
2425 Reddie Drive, 11th Floor  
Wheaton, Maryland 20902  
(301) 495-2535

| PLANS ISSUED FOR CONSTRUCTION DRAWINGS |      |             |
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| REVISIONS                              |      |             |
| Rev. No.                               | Date | Description |
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Professional Certification:  
"I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland license No. 3487  
Expiration Date: 07/03/22

PROJECT  
**North Branch Trail**  
**FOREST CONSERVATION PLAN 3**  
**TAX MAP GRID: HS21 & HS23**  
**WSSC GRID: 220NW05, 221NW05**  
**MONTGOMERY COUNTY, MD**

SCALE: AS SHOWN  
DATE: JANUARY 2021

SHEET 110 OF 128



FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11



N 524950  
E 1281300

LAKE BERNARD FRANK

54A (D)  
116D (C)

FLUSH CUT REMOVE  
12' DEAD OAK

ROOT PRUNE

ROOT PRUNE

FLUSH CUT REMOVE  
12' DEAD ASH

ROOT PRUNE

FLUSH CUT REMOVE  
20' DEAD TREE

TOTAL FOREST  
CLEARING AREA  
=5.11 AC.

### LEGEND

- 412-410 EXISTING CONTOURS
- X-X EXISTING FENCE
- EXISTING CANOPY
- WUS WATERS OF THE US
- STORMWATER PIPE
- 2C-2B SOILS
- CRITICAL ROOT ZONE OF SIGNIFICANT TREE
- VARIANCE TREE CRITICAL ROOT ZONE IMPACT
- PROPOSED CONTOURS
- EB STREAM BUFFER/ ENVIRONMENTAL BUFFER
- DAM EMERGENCY SPILLWAY
- PROPOSED TREE LINE
- LIMIT OF CLEARING
- WETLAND
- WETLAND BUFFER
- 100 YR. WATER SURFACE ELEV.
- NATURAL SURFACE TRAIL
- LDD LIMIT OF DISTURBANCE (LDD)
- SF SILT FENCE OR AS NOTED ON PLANS
- FL-12 FILTER LOG- 12
- PROPOSED STORMWATER PIPE
- TPF TREE PROTECTION FENCE
- ROOT PRUNING
- MITIGATION TREE
- SIGNIFICANT TREE TO BE REMOVED
- VARIANCE TREE TO BE REMOVED
- ORNAMENTAL TREE
- EVERGREEN TREE

#### DEVELOPER'S CERTIFICATE

The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. SC2019012 including financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: M-NCPPC, PPD  
Printed Company Name:

Contact Person or Owner: MICHAEL ZELASKI, P.E.

Printed Name:

Address: 2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902

Phone and Email: 301.495.2465  
Michael.Zelaski@montgomeryparks.org

Signature: Michael Zelaski

"I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual; adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1989).

Signature: Brian Morgan, P.L.A.  
Greenman- Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

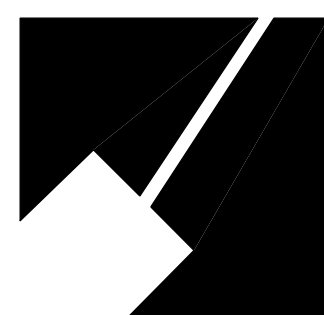
30' 0 30' 60'  
SCALE: 1" = 30'

GPI

www.gpinet.com

Engineering | Design | Planning | Construction Management

Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
Tel: 410.880.3055

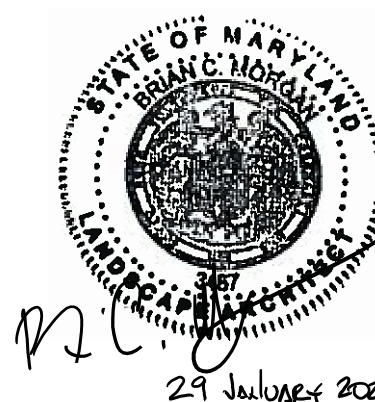


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2425 Reedie Drive, 11th Floor  
Wheaton, Maryland 20902  
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#### Professional Certification:

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#### PROJECT

### North Branch Trail

FOREST CONSERVATION PLAN 4  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD

SCALE: AS SHOWN  
DATE: JANUARY 2021

SHEET 111 OF 128

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES (MCDPS) SHEET 50 OF 62



FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11



**DEVELOPER'S CERTIFICATE**

The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. **SC2019012** including financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: **M-NCPPC, PPD**  
Printed Company Name

Contact Person or Owner: **MICHAEL ZELASKI, P.E.**  
Printed Name

Address: **2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902**

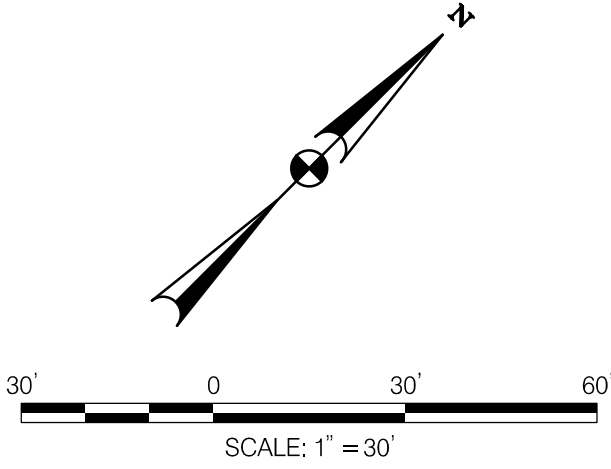
Phone and Email: **301.495.2465**  
**Michael.Zelaski@montgomeryparks.org**

Signature: *Michael Zelaski*

**GPI** [www.gpinet.com](http://www.gpinet.com)

Engineering | Design | Planning | Construction Management

Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
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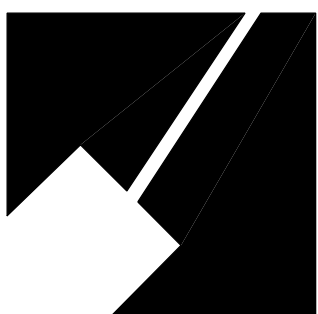
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Signature: *Michael Zelaski*

Brian Morgan, P.L.A.  
Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

- LEGEND**
- EXISTING CONTOURS
  - EXISTING FENCE
  - EXISTING CANOPY
  - WATERS OF THE US
  - STORMWATER PIPE
  - SOILS
  - CRITICAL ROOT ZONE OF SIGNIFICANT TREE
  - VARIANCE TREE CRITICAL ROOT ZONE IMPACT
  - PROPOSED CONTOURS
  - STREAM BUFFER/ ENVIRONMENTAL BUFFER
  - DAM EMERGENCY SPILLWAY
  - PROPOSED TREE LINE
  - LIMIT OF CLEARING
  - WETLAND
  - WETLAND BUFFER
  - 100 YR. WATER SURFACE ELEV.
  - NATURAL SURFACE TRAIL
  - LIMIT OF DISTURBANCE (LOD)
  - SILT FENCE OR AS NOTED ON PLANS
  - FILTER LOG- 12
  - PROPOSED STORMWATER PIPE
  - TREE PROTECTION FENCE
  - ROOT PRUNING
  - MITIGATION TREE
  - SIGNIFICANT TREE TO BE REMOVED
  - VARIANCE TREE TO BE REMOVED
  - ORNAMENTAL TREE
  - EVERGREEN TREE

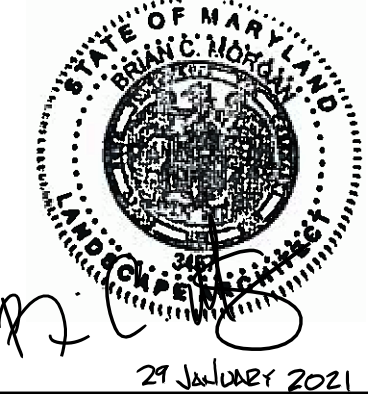
| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |      |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|------|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks |                     | Date |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             |                     | Date |  |
| Engineer            | Date | Checked By: | Region              | Date |                         |                     | Date |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         |                     | Date |  |



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Professional Certification:

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PROJECT

**North Branch Trail** **FCP-06**

FOREST CONSERVATION PLAN 5  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD

SCALE: AS SHOWN  
DATE: JANUARY 2021

SHEET 112 OF 128



FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C11

MATCH LINE SHEET FCP-06

MATCH LINE SHEET FCP-08



LEGEND

- EXISTING CONTOURS
- EXISTING FENCE
- EXISTING CANOPY
- WATERS OF THE US
- STORMWATER PIPE
- SOILS
- CRITICAL ROOT ZONE OF SIGNIFICANT TREE
- VARIANCE TREE CRITICAL ROOT ZONE IMPACT
- PROPOSED CONTOURS
- STREAM BUFFER/ ENVIRONMENTAL BUFFER
- DAM EMERGENCY SPILLWAY
- PROPOSED TREE LINE
- LIMIT OF CLEARING
- WETLAND
- WETLAND BUFFER
- 100 YR. WATER SURFACE ELEV.
- NATURAL SURFACE TRAIL
- LIMIT OF DISTURBANCE (LOD)
- SILT FENCE OR AS NOTED ON PLANS
- FILTER LOG- 12
- PROPOSED STORMWATER PIPE
- TREE PROTECTION FENCE
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- VARIANCE TREE TO BE REMOVED
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- EVERGREEN TREE

**DEVELOPER'S CERTIFICATE**

The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. SC2019012 including financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: **M-NCPPC, PPD**  
Printed Company Name

Contact Person or Owner: **MICHAEL ZELASKI, P.E.**  
Printed Name

Address: **2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902**

Phone and Email: **301.495.2465**  
**Michael.Zelaski@montgomeryparks.org**

Signature: *Michael Zelaski*

I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual, adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1989).

Signature: *Brian Morgan*

Brian Morgan, P.L.A.  
Greenman- Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

**GPI** www.gpinet.com

Engineering | Design | Planning | Construction Management

Greenman-Pedersen, Inc.  
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Tel: 410.880.3055

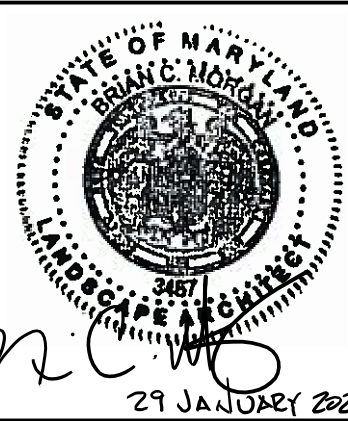
| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |      |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|------|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks |                     | Date |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             |                     | Date |  |
| Engineer            | Date | Checked By: | Region              | Date |                         |                     | Date |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         |                     | Date |  |



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Professional Certification:

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Expiration Date: 07/03/22

PROJECT

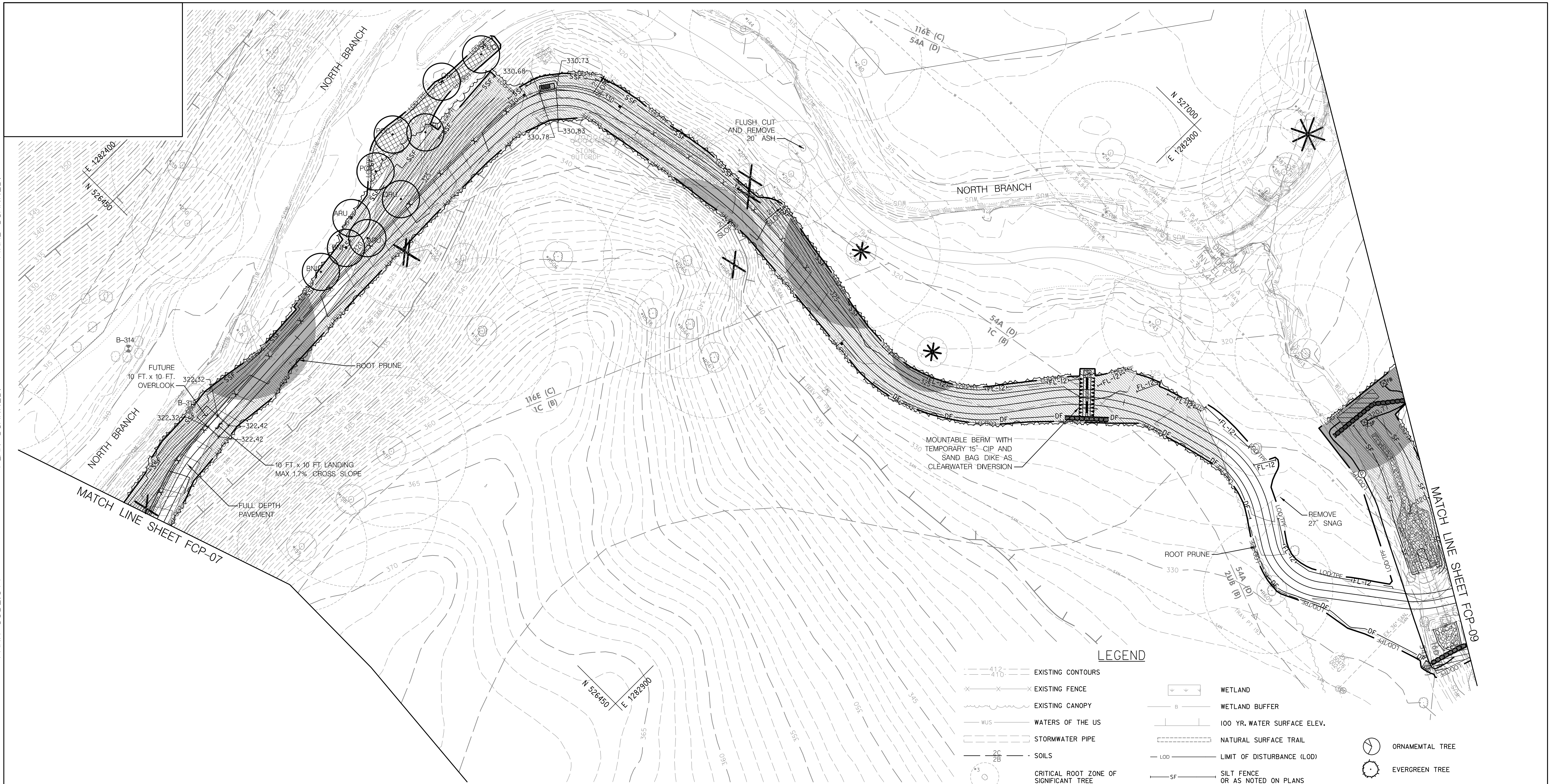
**North Branch Trail** **FCP-07**

FOREST CONSERVATION PLAN 6  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD

SCALE: AS SHOWN  
DATE: JANUARY 2021

SHEET 113 OF 128





The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. SC2019012, including financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: M-NCPPC, PPD  
Printed Company Name


Contact Person or Owner: MICHAEL ZELASKI, P.E.  
Printed Name



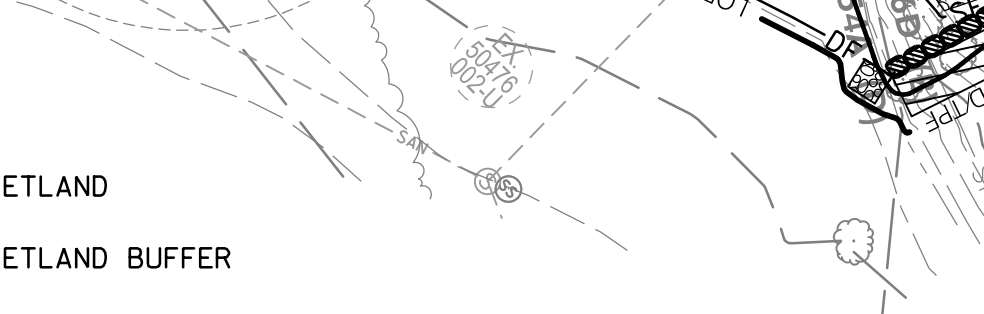








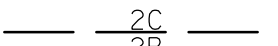





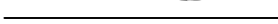
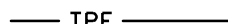

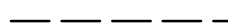
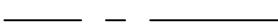





Address: 2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902

Phone and Email: 301.495.2465  
Michael.Zelaski@montgomeryparks.org

Signature: Michael Zelaski

I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual; adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1983).

Signature:   
 Brian Morgan, P.L.A.  
 Greenman- Pedersen, Inc.  
 11000 Broken Land Parkway, Suite 500  
 Columbia, MD 21044

- ## LEGEND
- |   |  |   |                                    |   |
|---|--|---|------------------------------------|---|
|  | EXISTING CONTOURS                          |  | WETLAND                            |  |
|  | EXISTING FENCE                             |  | WETLAND BUFFER                     |   |
|  | EXISTING CANOPY                            |  | 100 YR. WATER SURFACE ELEV.        |   |
|  | WATERS OF THE US                           |  | NATURAL SURFACE TRAIL              |   |
|  | STORMWATER PIPE                            |  | LIMIT OF DISTURBANCE (LOD)         |   |
|  | SOILS                                      |  | SILT FENCE<br>OR AS NOTED ON PLANS |   |
|  | CRITICAL ROOT ZONE OF<br>SIGNIFICANT TREE  |  | FILTER LOG- 12                     |   |
|  | VARIANCE TREE<br>CRITICAL ROOT ZONE IMPACT |  | PROPOSED STORMWATER PIPE           |   |
|  | PROPOSED CONTOURS                          |  | TREE PROTECTION FENCE              |   |
|  | STREAM BUFFER/<br>ENVIRONMENTAL BUFFER     |  | ROOT PRUNING                       |   |
|  | DAM EMERGENCY SPILLWAY                     |  | MITIGATION TREE                    |   |
|  | PROPOSED TREE LINE                         |  | SIGNIFICANT TREE TO BE REMOVED     |   |
|  | LIMIT OF CLEARING                          |  | VARIANCE TREE TO BE REMOVED        |   |

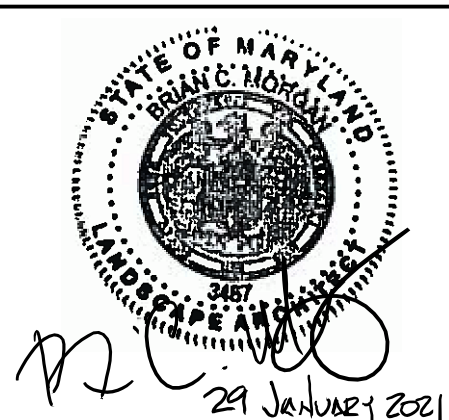
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|---------------------|------|---------------------|---------------------|---------------------|-------------------------|
| Landscape Architect | Date | Checked By:         | Park Development    | Date                | Superintendent of Parks |
| Architect           | Date | Checked By:         | Central Maintenance | Date                | Park Police             |
| Engineer            | Date | Checked By:         | Region              | Date                |                         |
| Drawn by            | Date | Checked By:         | Natural Resources   | Date                |                         |



The Maryland-National Capital Park  
and Planning Commission

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Expiration Date: 07/03/22

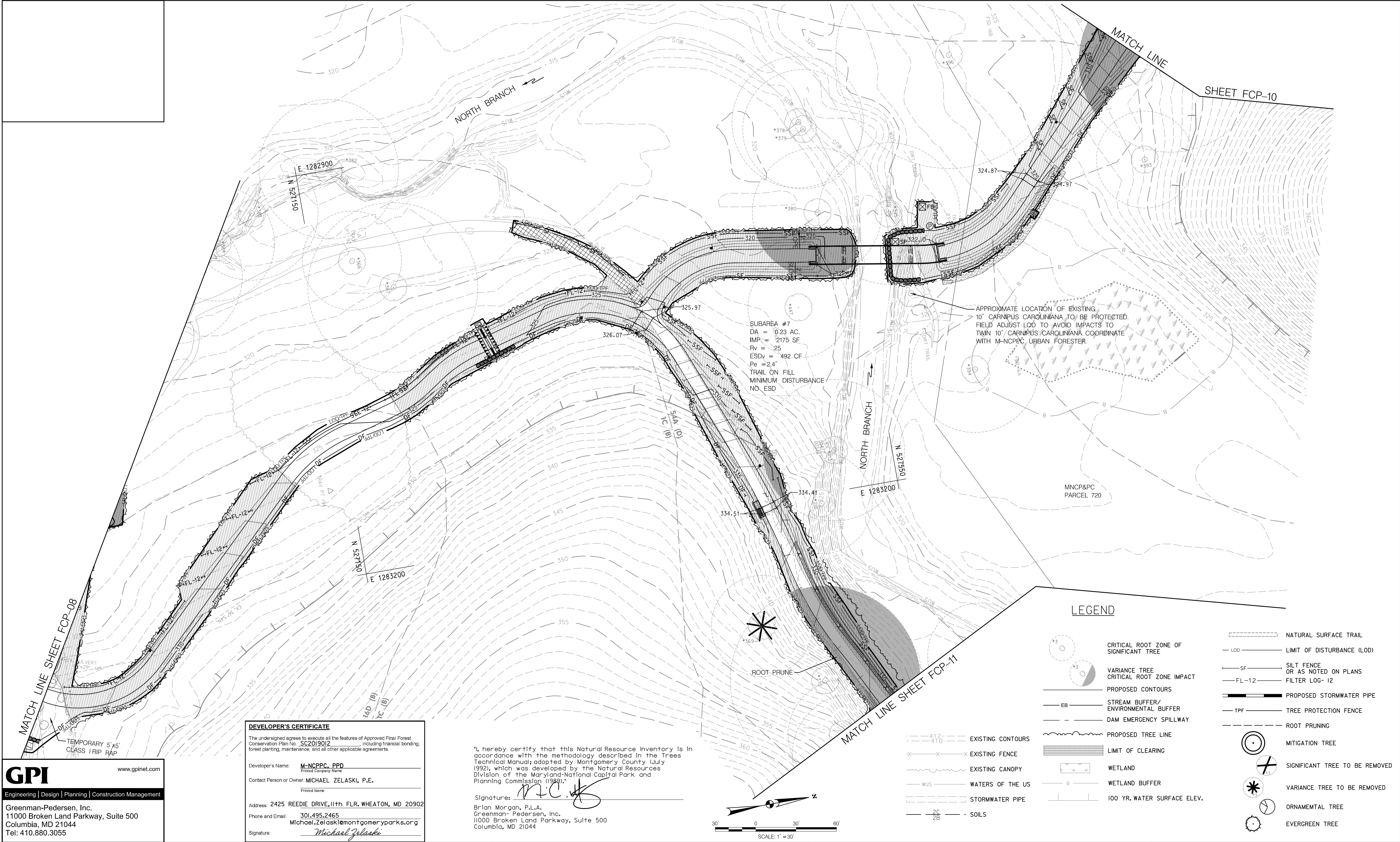
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| PROJECT                               | North Branch Trail | FCP-08           |
| FOREST CONSERVATION PLAN 7            |                    |                  |
| TAX MAP GRID: HS21 & HS23             |                    |                  |
| WSSC GRID: 220NW05, 221NW05           |                    |                  |
| MONTGOMERY COUNTY, MD                 |                    |                  |
| SCALE: AS SHOWN<br>DATE: JANUARY 2021 |                    | SHEET 114 OF 128 |



FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11



**GPI** www.gpinet.com

Engineering | Design | Planning | Construction Management

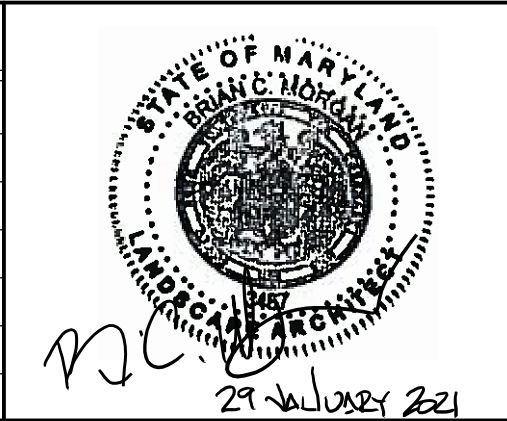
Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
Tel: 410.880.3055

| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |  |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|--|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks | Date                |  |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             | Date                |  |  |
| Engineer            | Date | Checked By: | Region              | Date |                         | Date                |  |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         | Date                |  |  |

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Expiration Date: 07/03/22

**North Branch Trail** **FCP-09**

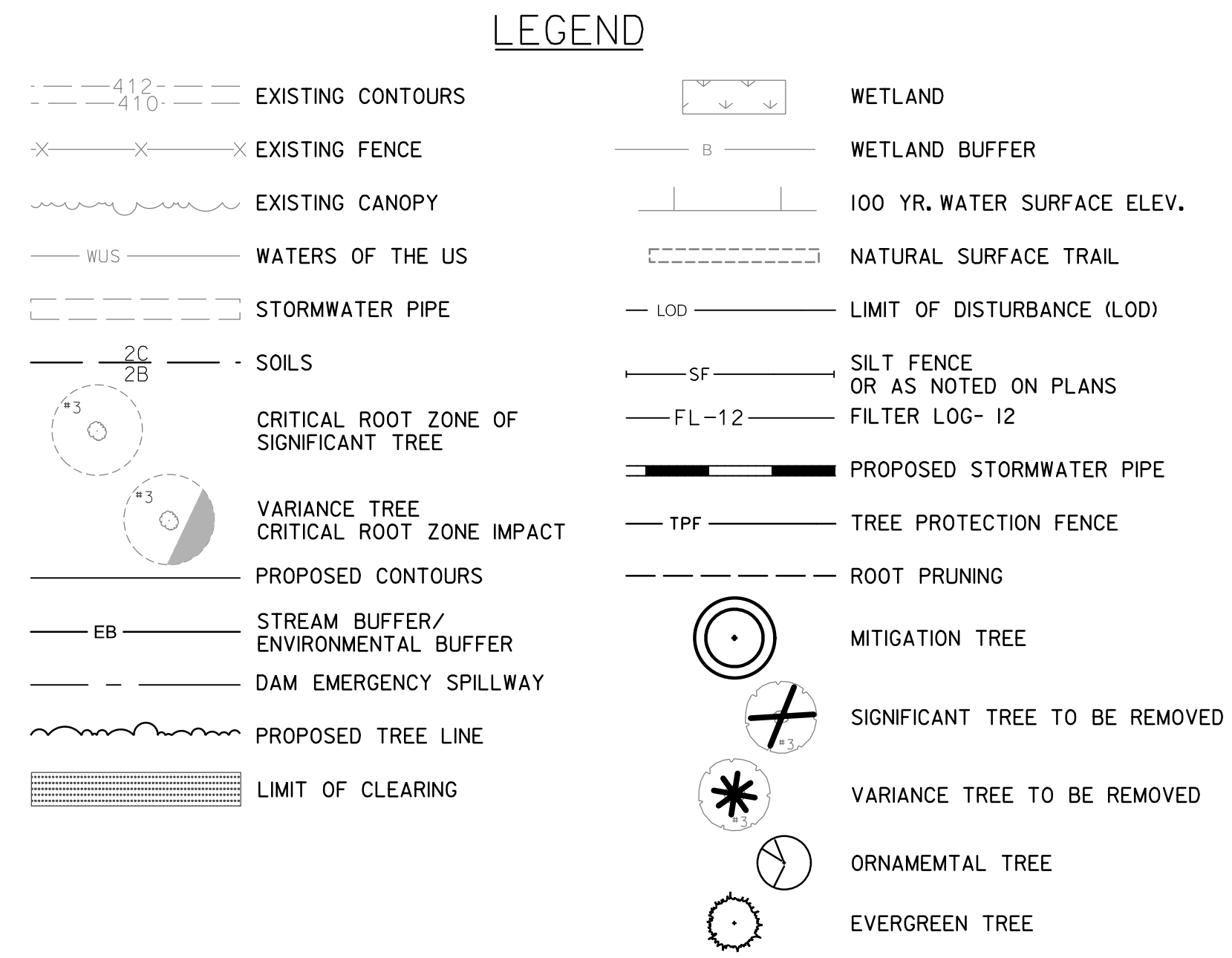
PROJECT


FOREST CONSERVATION PLAN 8  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD


SCALE: AS SHOWN  
DATE: JANUARY 2021

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES (MCDPS) SHEET 54 OF 62






I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual; adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1989).  
Signature:   
Brian Morgan, P.L.A.  
Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

|  |  |  |  |
|--|--|--|--|
|  <p>www.gpinet.com</p>   |  | <p><b>DEVELOPER'S CERTIFICATE</b></p> <p>The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. <u>SC2019012</u>, including financial bonding, forest planting, maintenance, and all other applicable agreements.</p>   |  |
| <p><b>Engineering   Design   Planning   Construction Management</b></p> <p>Greenman-Pedersen, Inc.<br/>11000 Broken Land Parkway, Suite 500<br/>Columbia, MD 21044<br/>Tel: 100.880.3055</p> |  | <p>Developer's Name: <u>M-NPPC, PPD</u><br/><small>Printed Company Name</small></p> <p>Contact Person or Owner: <u>MICHAEL ZELASKI, P.E.</u><br/><small>Printed Name</small></p> <p>Address: <u>2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902</u></p> <p>Phone and Email: <u>301.495.2465</u><br/><u>Michael.Zelaski@montgomeryparks.org</u></p> <p>Signature: <u>Michael Zelaski</u></p> |  |

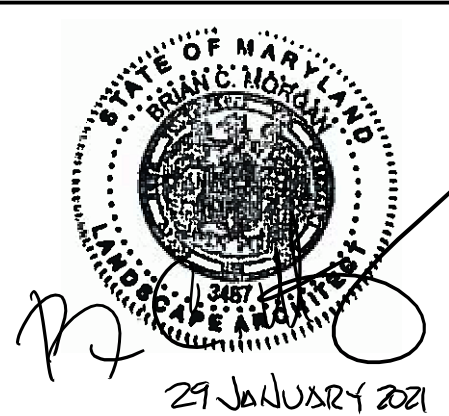
| DESIGN              |      | REVIEW AND APPROVAL |                     | REVIEW AND APPROVAL |                         |
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| Engineer            | Date | Checked By:         | Region              | Date                |                         |
| Drawn by            | Date | Checked By:         | Natural Resources   | Date                |                         |



The Maryland-National Capital Park  
and Planning Commission

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(301) 495-2535

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I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland license No. 3487  
Expiration Date: 07/03/22

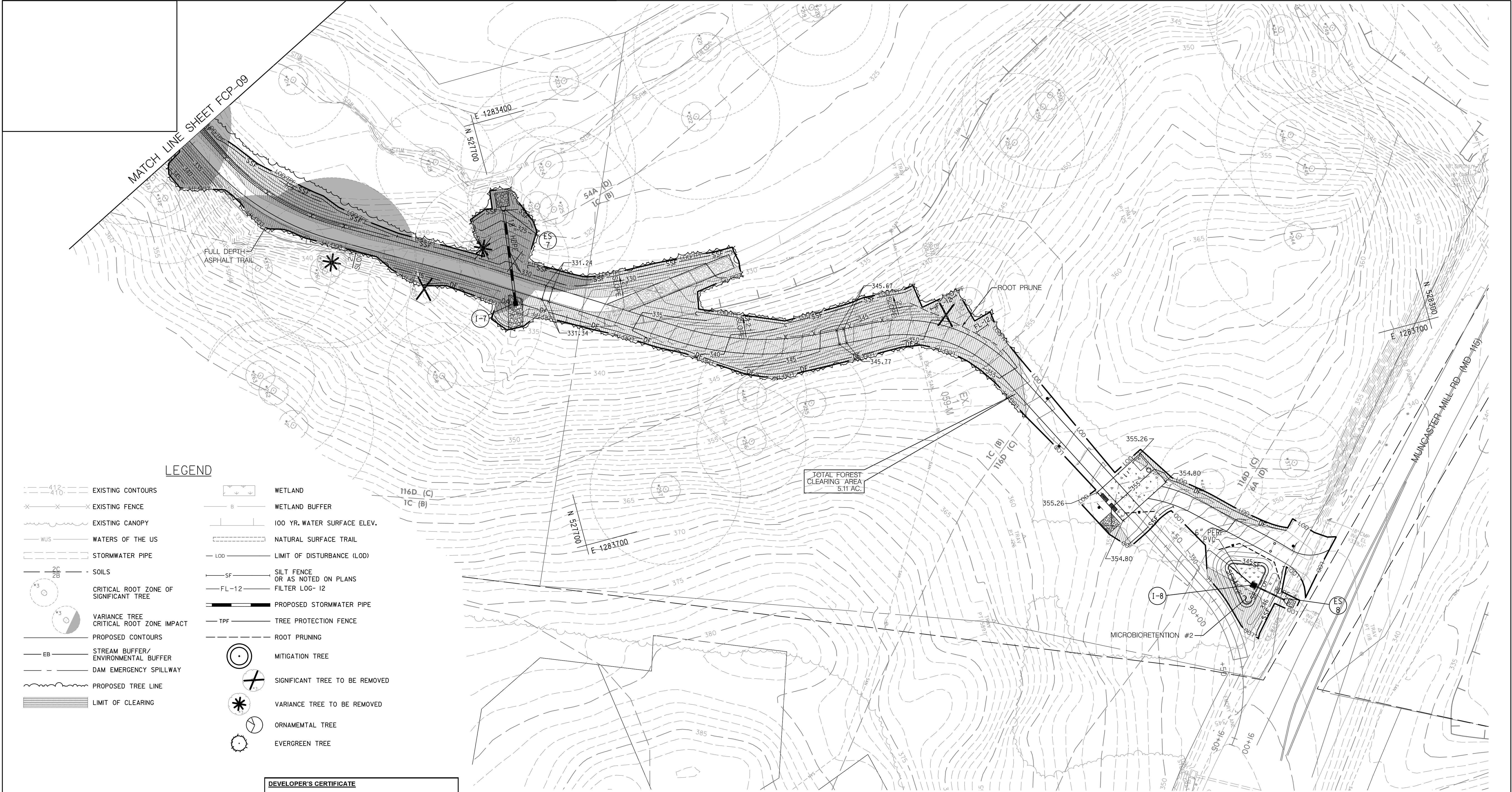
|                                       |                    |                  |
|---------------------------------------|--------------------|------------------|
| PROJECT                               | North Branch Trail | FCP-10           |
| FOREST CONSERVATION PLAN 9            |                    |                  |
| TAX MAP GRID: HS21 & HS23             |                    |                  |
| WSSC GRID: 220NW05, 221NW05           |                    |                  |
| MONTGOMERY COUNTY, MD                 |                    |                  |
| SCALE: AS SHOWN<br>DATE: JANUARY 2021 |                    | SHEET 116 OF 128 |



FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11



LEGEND

- EXISTING CONTOURS
- EXISTING FENCE
- EXISTING CANOPY
- WATERS OF THE US
- STORMWATER PIPE
- SOILS
- CRITICAL ROOT ZONE OF SIGNIFICANT TREE
- VARIANCE TREE CRITICAL ROOT ZONE IMPACT
- PROPOSED CONTOURS
- STREAM BUFFER/ ENVIRONMENTAL BUFFER
- DAM EMERGENCY SPILLWAY
- PROPOSED TREE LINE
- LIMIT OF CLEARING
- WETLAND
- WETLAND BUFFER
- 100 YR. WATER SURFACE ELEV.
- NATURAL SURFACE TRAIL
- LIMIT OF DISTURBANCE (LOD)
- SILT FENCE OR AS NOTED ON PLANS
- FILTER LOG- 12
- PROPOSED STORMWATER PIPE
- TREE PROTECTION FENCE
- ROOT PRUNING
- MITIGATION TREE
- SIGNIFICANT TREE TO BE REMOVED
- VARIANCE TREE TO BE REMOVED
- ORNAMENTAL TREE
- EVERGREEN TREE

DEVELOPER'S CERTIFICATE

The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. SC2019012 including financial bonding, forest planting, maintenance, and all other applicable agreements.

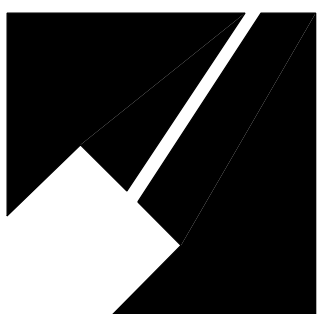
Developer's Name: M-NCPPC, PPD  
Contact Person or Owner: MICHAEL ZELASKI, P.E.  
Address: 2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902  
Phone and Email: 301.495.2465 Michael.Zelaski@montgomeryparks.org  
Signature: Michael Zelaski

"I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual; adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1989)."

Signature: Brian Morgan, P.L.A.  
Greenman- Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

**GPI**  
Engineering | Design | Planning | Construction Management  
Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
Tel: 410.880.3055

| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |      |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|------|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks |                     | Date |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             |                     | Date |  |
| Engineer            | Date | Checked By: | Region              | Date |                         |                     | Date |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         |                     | Date |  |



The Maryland-National Capital Park and Planning Commission  
Montgomery County Department of Park and Planning  
2425 Reedie Drive, 11th Floor  
Wheaton, Maryland 20902  
(301) 495-2535

| PLANS ISSUED FOR CONSTRUCTION DRAWINGS |      |             |
|--|------|-------------|
| REVISIONS                              |      |             |
| Rev. No.                               | Date | Description |
|  |      |             |
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Professional Certification:  
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Expiration Date: 07/03/22

PROJECT  
**North Branch Trail**  
FOREST CONSERVATION PLAN 10  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD  
SCALE: AS SHOWN  
DATE: JANUARY 2021  
SHEET 117 OF 128



FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11

## LEGEND

- EXISTING CONTOURS
- EXISTING FENCE
- EXISTING CANOPY
- WUS
- WATERS OF THE US
- STORMWATER PIPE
- SOILS
- CRITICAL ROOT ZONE OF SIGNIFICANT TREE
- VARIANCE TREE CRITICAL ROOT ZONE IMPACT
- PROPOSED CONTOURS
- EB
- STREAM BUFFER/ ENVIRONMENTAL BUFFER
- DAM EMERGENCY SPILLWAY
- PROPOSED TREE LINE
- LIMIT OF CLEARING
- WETLAND
- WETLAND BUFFER
- 100 YR. WATER SURFACE ELEV.
- NATURAL SURFACE TRAIL
- LOD
- LIMIT OF DISTURBANCE (LOD)
- SF
- SILT FENCE OR AS NOTED ON PLANS
- FL-12
- FILTER LOG- 12
- PROPOSED STORMWATER PIPE
- TPF
- TREE PROTECTION FENCE
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- MITIGATION TREE
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- VARIANCE TREE TO BE REMOVED
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- EVERGREEN TREE

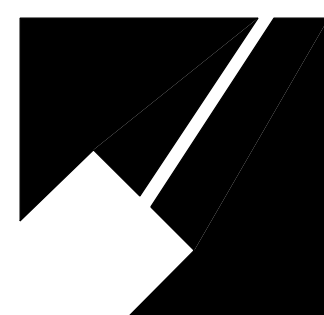
**GPI**

www.gpinet.com

Engineering | Design | Planning | Construction Management

Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
Tel: 410.880.3055

| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |      |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|------|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks |                     | Date |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             |                     | Date |  |
| Engineer            | Date | Checked By: | Region              | Date |                         |                     | Date |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         |                     | Date |  |

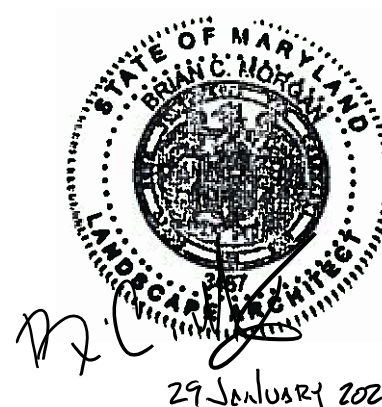


## The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Park and Planning  
2425 Reedie Drive, 11th Floor  
Wheaton, Maryland 20902  
(301) 495-2535

PLANS ISSUED FOR:CONSTRUCTION DRAWINGS

| REVISIONS |      |             |
|-----------|------|-------------|
| Rev. No.  | Date | Description |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |



Professional Certification:

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland license No. 3487  
Expiration Date: 07/03/22

PROJECT

## North Branch Trail

FOREST CONSERVATION PLAN 11  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD

SCALE: AS SHOWN  
DATE: JANUARY 2021

SHEET 118 OF 128

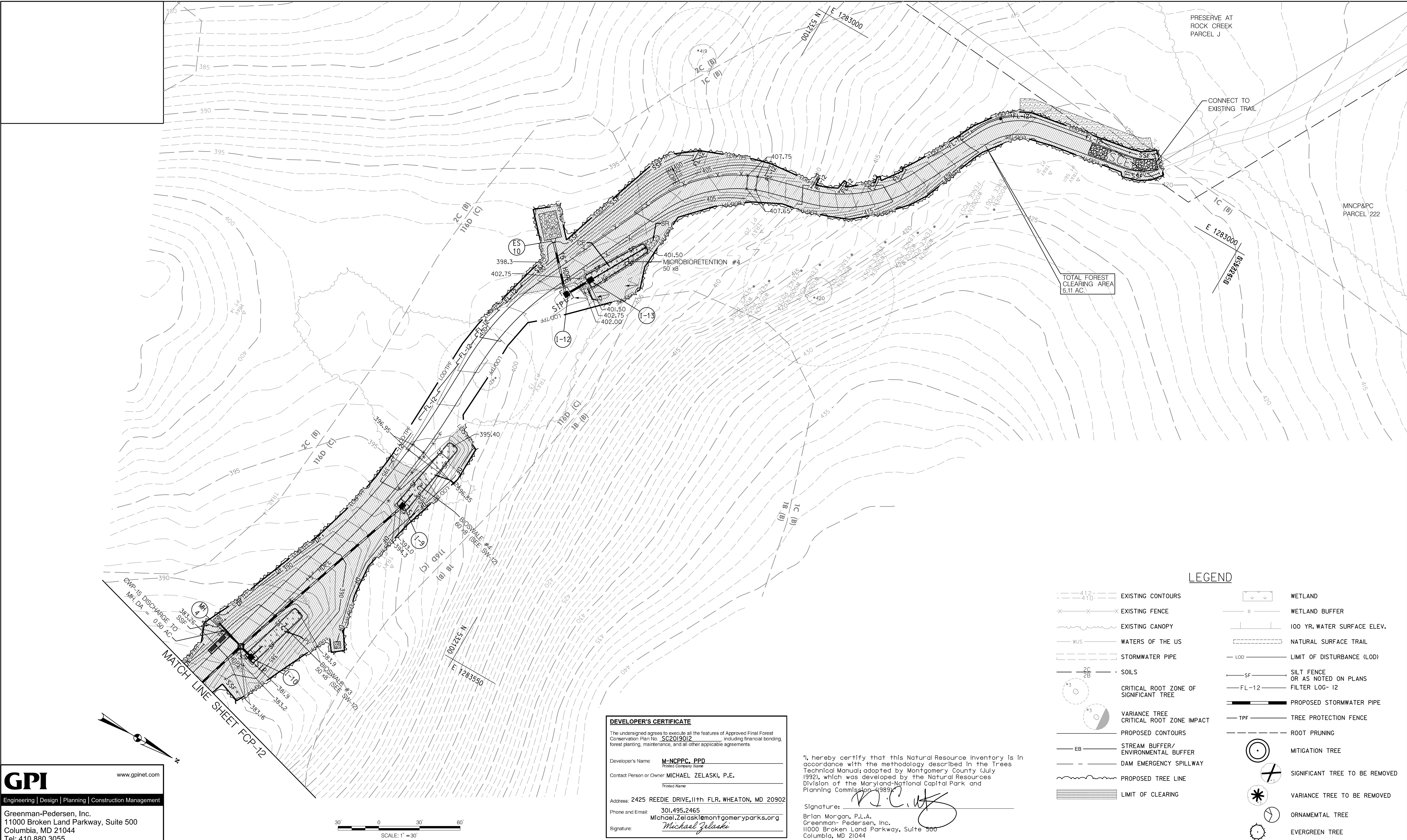
MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES (MCDPS) SHEET 57 OF 62



FINAL SCANNED:

PLAN SCANNED:

PARK CODE:G11



LEGEND

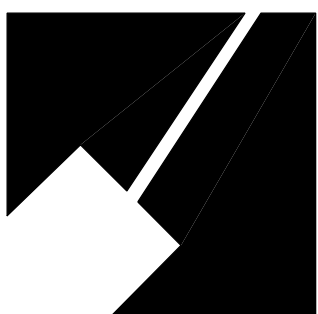
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**DEVELOPER'S CERTIFICATE**  
The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. **SC2019012** including financial bonding, forest planting, maintenance, and all other applicable agreements.  
Developer's Name: **M-NCPPC, PPD**  
Printed Company Name  
Contact Person or Owner: **MICHAEL ZELASKI, P.E.**  
Printed Name  
Address: **2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902**  
Phone and Email: **301.495.2465**  
**Michael.Zelaski@montgomeryparks.org**  
Signature: *Michael Zelaski*

"I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual, adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1989).  
Signature: *Brian Morgan*  
Brian Morgan, P.L.A.  
Greenman- Pedersen, Inc.  
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**GPI** www.gpinet.com  
Engineering | Design | Planning | Construction Management  
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11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
Tel: 410.880.3055

| DESIGN              |      |             | REVIEW AND APPROVAL |      |                         | REVIEW AND APPROVAL |  |  |
|---------------------|------|-------------|---------------------|------|-------------------------|---------------------|--|--|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks | Date                |  |  |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             | Date                |  |  |
| Engineer            | Date | Checked By: | Region              | Date |                         | Date                |  |  |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         | Date                |  |  |



**The Maryland-National Capital Park and Planning Commission**  
Montgomery County Department of Park and Planning  
2425 Reedie Drive, 11th Floor  
Wheaton, Maryland 20902  
(301) 495-2535

| PLANS ISSUED FOR:CONSTRUCTION DRAWINGS |      |             |
|--|------|-------------|
| REVISIONS                              |      |             |
| Rev. No.                               | Date | Description |
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Expiration Date: 07/03/22

PROJECT **North Branch Trail** **FCP-13**  
**FOREST CONSERVATION PLAN 12**  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
**MONTGOMERY COUNTY, MD**  
SCALE: AS SHOWN  
DATE: JANUARY 2021  
SHEET 58 OF 62





| Variance Trees To Be Removed |          |                   |                                |             |        |
|------------------------------|----------|-------------------|--------------------------------|-------------|--------|
| Tree number                  | Size DBH | Common name       | Scientific name                | Condition   | Status |
| * 9                          | 44       | Green ash         | <i>Fraxinus pennsylvanica</i>  | Fallen      | Remove |
| 122                          | 39       | Sycamore          | <i>Platanus occidentalis</i>   | Fair        | Remove |
| 154                          | 27       | Red oak           | <i>Quercus rubra</i>           | Good        | Remove |
| 161                          | 31       | Red oak           | <i>Quercus rubra</i>           | Poor        | Remove |
| 201                          | 30       | Tulip Poplar      | <i>Liriodendron tulipifera</i> | Good        | Remove |
| 228                          | 31       | White oak         | <i>Quercus alba</i>            | Fair        | Remove |
| * 242                        | 35       | Green ash         | <i>Fraxinus pennsylvanica</i>  | Fair        | Remove |
| 260                          | 39       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good        | Remove |
| 369                          | 25       | Mockernut Hickory |                                | Mostly Dead | Remove |
| 376                          | 31       | Scarlet oak       | <i>Quercus coccinea</i>        | Fair        | Remove |
| 385                          | 33       | Green Ash         | <i>Fraxinus pennsylvanica</i>  | Good        | Remove |
| 391                          | 39       | Sycamore          | <i>Platanus occidentalis</i>   | Excellent   | Remove |
| 392                          | 45       | Sycamore          | <i>Platanus occidentalis</i>   | Fair        | Remove |
| * 410                        | 31       | Shingle Oak       | <i>Quercus imbricaria</i>      | Poor        | Remove |
| * 411                        | 37       | Sycamore          | <i>Platanus occidentalis</i>   | Poor        | Remove |
| * 417                        | 62       | Sycamore          | <i>Platanus occidentalis</i>   | Poor        | Remove |
| R614                         | 34       | White Ash         | <i>Fraxinus americana</i>      | Poor        | Remove |
| D                            |          | NOT               |                                |             |        |
| L                            | 36       | Red Maple         | <i>Acer rubrum</i>             | Poor        | Remove |
| Total DBH: 649"              |          |                   |                                |             |        |
| 25% Mitigation: 162"         |          |                   |                                |             |        |

\*TREES GREATER THAN OR EQUAL TO 75% OF THE COUNTY CHAMPION AS LISTED IN THE 2017-2018 REGISTER OF CHAMPION TREES, MONTGOMERY COUNTY, MD

| Mitigation Tree Schedule |        |                             |                |                      |
|--------------------------|--------|-----------------------------|----------------|----------------------|
| Quantity                 | Symbol | Botanical name/ Common Name | Size (Caliper) | Total Caliper Inches |
| 12                       | FGR    | Fagus grandifolia           | 3.0"           | 36"                  |
|                          |        | American Beech              |                |                      |
| 14                       | LTU    | Liriodendron tulipifera     | 3.0"           | 42"                  |
|                          |        | Tulip poplar                |                |                      |
| 12                       | QAL    | Quercus alba                | 3.0"           | 36"                  |
|                          |        | White Oak                   |                |                      |
| 16                       | QRU    | Quercus rubra               | 3.0"           | 48"                  |
|                          |        | Red Oak                     |                |                      |
|                          |        | Total                       |                | 162"                 |

NOTE: PLEASE SEE LANDSCAPE PLAN FOR FULL PLANT SCHEDULE

| Non-mitigation Tree Schedule |        |  |                |
|------------------------------|--------|--|----------------|
| Quantity                     | Symbol | Botanical Name/Common Name             | Size (Caliper) |
| Canopy Trees                 |        |  |                |
| 5                            | ARU    | Acer rubrum/Red Maple                  | 2"-2 1/2" Cal. |
| 5                            | BNI    | Betula nigra/River Birch               | 7'-8' Ht.      |
| 5                            | POC    | Platanus occidentalis/Sycamore         | 2"-2 1/2" Cal. |
| 2                            | QRU    | Quercus rubra/Red Oak                  | 2"-2 1/2" Cal. |
| Ornamental Trees             |        |  |                |
| 4                            | AMA    | Amelanchier arborea/Serviceberry       | 6'-8' Ht.      |
| 14                           | DVI    | Diospyros virginiana/Persimmon         | 6'-8' Ht.      |
| 10                           | SAL    | Sassafras albidum/Sassafras            | 6'-8' Ht.      |
| Evergreen Trees              |        |  |                |
| 7                            | JVI    | Juniperus virginiana/Eastern Red Cedar | 6'-8' Ht.      |

#### INSPECTIONS

All field inspections must be requested by the applicant.

Field Inspections must be conducted as follows:

##### Plans without Planting Requirements

- After the limits of disturbance have been staked and flagged, but before any clearing or grading begins.
- After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begin and before release of the building permit.
- After completion of all construction activities, but before removal of tree protection fencing, to determine the level of compliance with the provision of the forest conservation.

##### Additional Requirements for Plans with Planting Requirements

- Before the start of any required reforestation and afforestation planting.
- After the required reforestation and afforestation planting has been completed to verify that the planting is acceptable and prior to the start the maintenance period.
- At the end of the maintenance period to determine the level of compliance with the provisions of the planting plan, and if appropriate, release of the performance bond.

#### DEVELOPER'S CERTIFICATE

The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. **SC2019012**, including financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: **M-NCPPC, PPD**

Printed Company Name

Contact Person or Owner: **MICHAEL ZELASKI, P.E.**

Printed Name

Address: **2425 REEDIE DRIVE, 11th FLR, WHEATON, MD 20902**

Phone and Email: **301.495.2465**

**Michael.Zelaski@montgomeryparks.org**

Signature: *Michael Zelaski*

| Additional Trees to be Removed |          |                   |           |   |
|--------------------------------|----------|-------------------|-----------|---|
| Tree number                    | Size DBH | Common name       | Condition | Comments  |
| A                              | 15       | Pine              | Dead      | Dead will need to be removed for park user safety |
| B                              | 20       | Ash               | Dead      | Dead will need to be removed for park user safety |
| C                              | 20       | Tulip poplar      | Dead      | Dead will need to be removed for park user safety |
| E                              | 20       | Ash               | Dead      | Dead will need to be removed for park user safety |
| F                              | NA       | NA                | Dead      | Dead will need to be removed for park user safety |
| G                              | NA       | Ash               | Dead      | Dead will need to be removed for park user safety |
| H                              | 6        | Ash               | Dead      | Dead will need to be removed for park user safety |
| I                              | 15       | Oak               | Dead      | Dead will need to be removed for park user safety |
| J                              | 12       | Oak               | Dead      | Dead will need to be removed for park user safety |
| K                              | 20       | Ash               | Dead      | Should be removed for park user safety            |
| 7                              | 29       | Korean pine       | Fair      | Should be removed for park user safety            |
| 8                              | 24       | Tulip poplar      | Good      | Should be removed for park user safety            |
| 15                             | 26       | Red maple         | Good      | Should be removed for park user safety            |
| 80                             | 12       | Oak               | Dead      | Dead will need to be removed for park user safety |
| 106                            | 24       | Swamp white oak   | Good      | Should be removed for park user safety            |
| 134                            | 27       | Red oak           | Poor      | Dead will need to be removed for park user safety |
| 136                            | 26       | Red maple         | Good      | Should be removed for park user safety            |
| 137                            | 27       | Tulip poplar      | Good      | Should be removed for park user safety            |
| 138                            | 29       | Tulip poplar      | Good      | Should be removed for park user safety            |
| 150                            | 26       | White oak         | Fair      | Should be removed for park user safety            |
| 153                            | 25       | Tulip poplar      | Fair      | Should be removed for park user safety            |
| 156                            | 27       | White oak         | Poor      | Dead will need to be removed for park user safety |
| 169                            | 28       | Red oak           | Good      | Should be removed for park user safety            |
| 208                            | 28       | Tulip poplar      | Good      | Should be removed for park user safety            |
| 209                            | 24       | Tulip poplar      | Good      | Should be removed for park user safety            |
| 211                            | 27       | Green Ash         | Fair      | Should be removed for park user safety            |
| 254                            | 27       | Eastern red cedar | Poor      | Dead will need to be removed for park user safety |
| 259                            | 26       | Tulip poplar      | Good      | Should be removed for park user safety            |
| 380                            | 32       | Sycamore          | Good      | Should be removed for park user safety            |
| 381                            | 28       | Sycamore          | Dead      | Dead will need to be removed for park user safety |
| R564                           | 28       | Green Ash         | Good      | Should be removed for park user safety            |
| R610                           | 24       | White Ash         | Poor      | Dead will need to be removed for park user safety |
| R631                           | 25       | Black Walnut      | Fair      | Should be removed for park user safety            |

NOTE: TREES LESS THAN 24" DBH TO BE REMOVED ARE ONLY CALLED OUT WHEN LOCATED OUTSIDE OF LOD. ADDITIONAL TREES LESS THAN 24" DBH WITHIN LOD WILL BE REMOVED DURING CONSTRUCTION.

CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO CONSTRUCTION AND QUANTIFYING SMALLER TREE REMOVALS WITHIN LOD

#### Sequence of Events for Properties Required to Comply With Forest Conservation Plans, Exemptions From Submitting Forest Conservation Plans, and Tree Save Plans

The property owner is responsible for ensuring all tree protection measures are performed in accordance with the approved final forest conservation plan or tree save plan, and as modified in the field by a Planning Department Forest Conservation Inspector. The measures must meet or exceed the most recent standards published by the American National Standards Institute (ANSI A300).

#### Pre-Construction

- An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged and before any land disturbance.
- The property owner must arrange for the meeting and following people **should** must participate at the pre-construction meeting: the property owner or their representative, construction superintendent, International Society of Arboriculture (ISA) certified arborist/Maryland Licensed Tree Expert (representing owner) that will implement the tree protection measures, The Planning Department Forest Conservation Inspector, and Montgomery County Department of Permitting Services (DPS) Sediment Control Inspector. The purpose of this meeting is verify the limits of disturbance and discuss specific tree protection and tree care measures shown on the approved plan. No land disturbance shall begin before tree protection and stress-reduction measures have been implemented and approved by the Planning Department's Forest Conservation Inspector.
  - Typical tree protection devices include:
    - Chain link fence (four feet high)
    - Super silt fence with wire strung between the support poles (minimum 4 feet high) with high visibility flagging.
    - 14 gauge, 2 inch x 4 inch welded wire fencing supported by steel T-bar posts (minimum 4 feet high) with high visibility flagging.
  - Typical stress reduction measures may include, but are not limited to:
    - Root pruning with a root cutter or vibratory plow designed for that purpose. Trenchers are not allowed, unless approved by the Forest Conservation Inspector
    - Crown Reduction or pruning
    - Watering
    - Fertilizing
    - Vertical mulching
    - Root aeration systemsMeasures not specified on the Forest Conservation Plan may be required as determined by the Forest Conservation Inspector in coordination with the property owner's arborist.
- A Maryland Licensed Tree expert must perform, or directly supervise, the implementation of all stress reduction measures. Documentation of the process (including photographs) may be required by the Forest Conservation Inspector, and will be determined at the pre-construction meeting.
- Temporary tree protection devices must be installed per the approved Forest Conservation Plan, Exemption Plan, or Tree Save Plan and prior to any land disturbance. The Forest Conservation Inspector, in coordination with the DPS Sediment Control Inspector, may make field adjustments to increase the survivability of trees and forest shown as saved on the approved plan.
- Tree protection fencing must be installed and maintained by the property owner for the duration of construction project and must not be altered without prior approval from the Forest Conservation Inspector. All construction activity within protected tree and forest areas is prohibited. This includes the following activities:
  - Parking or driving of equipment, machinery or vehicles of any type.
  - Storage of any construction materials, equipment, stockpiling, fill, debris, etc.
  - Dumping of any chemicals (i.e., paint thinner), mortar or concrete remainder, trash, garbage, or debris of any kind.
  - Felling of trees into a protected area.
  - Trenching or grading for utilities, irrigation, drainage, etc.
- Forest and tree protection signs must be installed as required by the Forest Conservation Inspector. The signs must be waterproof and wording provided in both English and Spanish.

#### During Construction

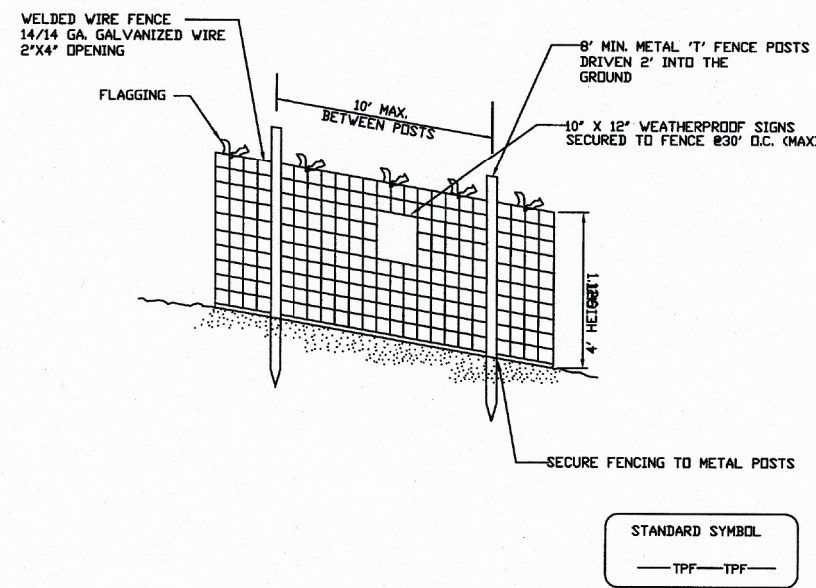
- Periodic inspections will be made by the Forest Conservation Inspector. Corrections and repairs to tree protection devices must be completed within the timeframe given by the Inspector.
- The property owner must immediately notify the Forest Conservation Inspector of any damage to trees, forests, understory, ground cover, and any other undisturbed areas shown on the approved plan. Remedial actions, and the relative timeframes to restore these areas, will be determined by the Forest Conservation Inspector.

#### Post-Construction

- After construction is completed, but before tree protection devices have been removed, the property owner must request a final inspection with the Forest Conservation Inspector. At the final inspection, the Forest Conservation Inspector may require additional corrective measures, which may include:
  - Removal, and possible replacement, of dead, dying, or hazardous trees
  - Pruning of dead or declining limbs
  - Soil aeration
  - Fertilization
  - Watering
  - Wound repair
  - Clean up of retention areas, including trash removal
- After the final inspection and completion of all corrective measures the Forest Conservation Inspector will request all temporary tree and forest protection devices be removed from the site. Removal of tree protection devices that also operate for erosion and sediment control must be coordinated with both DPS and the Forest Conservation Inspector and cannot be removed without permission of the Forest Conservation Inspector. No additional grading, sodding, or burial may take place after the tree protection fencing is removed.
- Long-term protection measures, including permanent signage, must be installed per the approved plan. Installation will occur at the appropriate time during the construction project. Refer to the approved plan drawing for the long-term protection measures to be installed.

#### Tree Protection Fence Detail

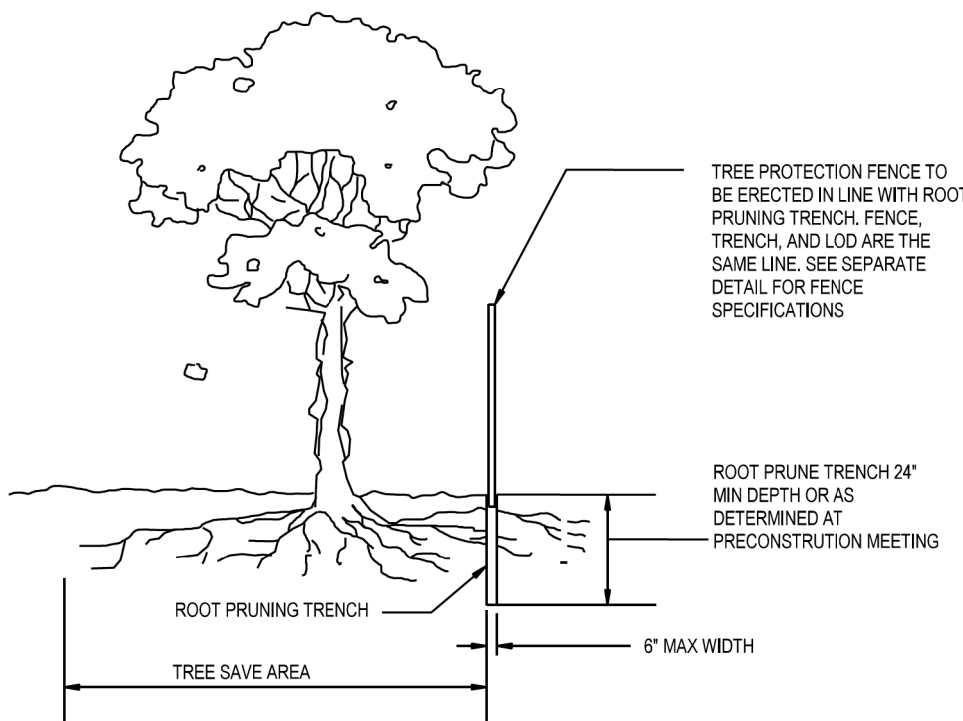
Not to scale



#### NOTES

- Practice may be combined with sediment control fencing.
- Location and limits of fencing should be coordinated in field with arborist.
- Boundaries of protection area should be staked prior to installing protective device.
- Root damage should be avoided.
- Protection signage is required.
- Fencing shall be maintained throughout construction.

Montgomery County Planning Department • M-NCPPC  
MontgomeryPlanning.org



#### NOTES:

- RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRECONSTRUCTION MEETING.
- BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRECONSTRUCTION MEETING AND FLAGGED PRIOR TO TRENCHING.
- EXACT LOCATION OF TRENCH SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FOREST CONSERVATION (FC) INSPECTOR.
- TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FC INSPECTOR.
- ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.
- ALL PRUNING MUST BE EXECUTED WITH LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FC INSPECTOR.

#### ROOT PRUNING DETAIL

NTS

"I, hereby certify that this Natural Resource Inventory is in accordance with the methodology described in the Trees Technical Manual adopted by Montgomery County (July 1992), which was developed by the Natural Resources Division of the Maryland-National Capital Park and Planning Commission (1992)."

Signature: *Brian Morgan*

Brian Morgan, P.L.A.,  
Greenman-Pedersen, Inc.,  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044

**GPI**  
Engineering | Design | Planning | Construction Management

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Columbia, MD 21044  
Tel: 410.880.3055

| DESIGN              |      |             | REVIEW AND APPROVAL |      | REVIEW AND APPROVAL     |      |
|---------------------|------|-------------|---------------------|------|-------------------------|------|
| Landscape Architect | Date | Checked By: | Park Development    | Date | Superintendent of Parks | Date |
| Architect           | Date | Checked By: | Central Maintenance | Date | Park Police             | Date |
| Engineer            | Date | Checked By: | Region              | Date |                         | Date |
| Drawn by            | Date | Checked By: | Natural Resources   | Date |                         | Date |



#### The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Park and Planning  
2425 Reedie Drive, 11th Floor  
Wheaton, Maryland 20902  
(301) 495-2535

| PLANS ISSUED FOR CONSTRUCTION DRAWINGS |      |             |
|--|------|-------------|
| REVISIONS                              |      |             |
| Rev. No.                               | Date | Description |
|  |      |             |
|  |      |             |
|  |      |             |
|  |      |             |
|  |      |             |
|  |      |             |



#### Professional Certification:

"I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the state of Maryland license No. 3487  
Expiration Date: 07/03/22

#### PROJECT

#### North Branch Trail

FOREST CONSERVATION PLAN 13  
TAX MAP GRID: HS21 & HS23  
WSSC GRID: 220NW05, 221NW05  
MONTGOMERY COUNTY, MD

SCALE: AS SHOWN  
DATE: JANUARY 2021

SHEET 120 OF 128



| Tree number | Size DBH | Common name       | Scientific name                | Condition | Comments  |
|-------------|----------|-------------------|--------------------------------|-----------|---|
| 1           | 28       | Sycamore          | <i>Platanus occidentalis</i>   | Fair      | Uneven crown, vines, 10 degree lean                                 |
| 2           | 28       | Sycamore          | <i>Platanus occidentalis</i>   | Fair      | Lots of vines, dead branches in crown, point taken 4' due S of tree |
| 3           | 28       | White oak         | <i>Quercus alba</i>            | Good      |   |
| 4           | 41       | White oak         | <i>Quercus alba</i>            | Fair      | 10 degree lean, dead branches, poison ivy                           |
| 5           | 26       | Sycamore          | <i>Platanus occidentalis</i>   | Fair      | Covered in vines, but otherwise looks good, point taken 1'E         |
| 6           | 27       | Sycamore          | <i>Platanus occidentalis</i>   | Fair      | Greater than 10 degree lean, half of roots exposed in stream        |
| 7           | 29       | Korean pine       | <i>Pinus koraiensis</i>        | Fair      |   |
| 8           | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 10          | 40       | Black walnut      | <i>Juglans nigra</i>           | Fair      | Covered in vines, dead branches throughout                          |
| 11          | 27       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 12          | 47       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 13          | 32       | Red oak           | <i>Quercus rubra</i>           | Poor      | Half of crown missing, Savered has dead branches                    |
| 14          | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Poor      | Uneven crown, covered in ivy, 10 degree lean                        |
| 15          | 26       | Red maple         | <i>Acer rubrum</i>             | Good      |   |
| 16          | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 17          | 25       | Cottonwood        | <i>Populus deltoides</i>       | Good      |   |
| 18          | 45       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 19          | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 20          | 29       | Sycamore          | <i>Platanus occidentalis</i>   | Excellent |   |
| 21          | 26       | Red maple         | <i>Acer rubrum</i>             | Good      |   |
| 22          | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | 1 trunk of double, uneven crown, 5 degree lean                      |
| 23          | 41       | White oak         | <i>Quercus alba</i>            | Excellent |   |
| 24          | 44       | White oak         | <i>Quercus alba</i>            | Poor      | Poison ivy covered, 1 trunk dead                                    |
| 25          | 29       | Red oak           | <i>Quercus rubra</i>           | Good      |   |
| 26          | 32       | White oak         | <i>Quercus alba</i>            | Good      |   |
| 27          | 25       | Sycamore          | <i>Platanus occidentalis</i>   | Good      |   |
| 28          | 24       | Sycamore          | <i>Platanus occidentalis</i>   | Good      |   |
| 29          | 33       | White oak         | <i>Quercus alba</i>            | Good      |   |
| 30          | 33       | White oak         | <i>Quercus alba</i>            | Good      |   |
| 31          | 33       | White oak         | <i>Quercus alba</i>            | Fair      | Broken branches, leaning from growing under #29                     |
| 32          | 44       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 33          | 35       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 34          | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Excellent |   |
| 35          | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Excellent |   |
| 36          | 40       | Black walnut      | <i>Juglans nigra</i>           | Poor      | Covered in ivy, broken branches                                     |
| 37          | 25       | Sycamore          | <i>Platanus occidentalis</i>   | Fair      | Covered in ivy  |
| 38          | 25       | Sycamore          | <i>Platanus occidentalis</i>   | Fair      | Covered in ivy, strong lean   |
| 40          | 24       | Red maple         | <i>Acer rubrum</i>             | Fair      |   |
| 41          | 27       | Scarlet oak       | <i>Quercus coccinea</i>        | Good      |   |
| 42          | 27       | Scarlet oak       | <i>Quercus coccinea</i>        | Good      |   |
| 43          | 25       | Scarlet oak       | <i>Quercus coccinea</i>        | Fair      | Strong lean from growing under #41                                  |
| 44          | 30       | White oak         | <i>Quercus alba</i>            | Excellent |   |
| 45          | 27       | White oak         | <i>Quercus alba</i>            | Fair      | 14 degree lean but otherwise healthy                                |
| 46          | 26       | Pignut hickory    | <i>Carya glabra</i>            | Fair      | Hollow  |
| 47          | 25       | White oak         | <i>Quercus alba</i>            | Good      |   |
| 49          | 32       | White oak         | <i>Quercus alba</i>            | Good      |   |
| 50          | 28       | White oak         | <i>Quercus alba</i>            | Good      |   |
| 51          | 31       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 52          | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Excellent |   |
| * 53        | 27       | Pignut hickory    | <i>Carya glabra</i>            | Good      |   |
| 54          | 35       | Korean pine       | <i>Pinus koraiensis</i>        | Excellent |   |
| 55          | 31       | Korean pine       | <i>Pinus koraiensis</i>        | Excellent |   |
| 57          | 36       | Red oak           | <i>Quercus rubra</i>           | Excellent |   |
| 58          | 27       | Korean pine       | <i>Pinus koraiensis</i>        | Good      |   |
| 59          | 34       | Korean pine       | <i>Pinus koraiensis</i>        | Poor      | Trunk splitting and rotting to base                                 |
| 60          | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 61          | 38       | Southern red oak  | <i>Quercus falcata</i>         | Good      |   |
| 62          | 29       | White oak         | <i>Quercus alba</i>            | Excellent |   |
| 63          | 33       | Scarlet oak       | <i>Quercus coccinea</i>        | Excellent |   |
| 64          | 31       | Scarlet oak       | <i>Quercus coccinea</i>        | Excellent |   |
| * 65        | 32       | Mockernut hickory | <i>Carya alba</i>              | Excellent |   |
| 66          | 25       | Mockernut hickory | <i>Carya alba</i>              | Fair      | Lopsided crown, lean toward open water                              |
| 69          | 27       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| * 70        | 27       | Mockernut hickory | <i>Carya alba</i>              | Excellent |   |
| 71          | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| * 72        | 29       | Pignut hickory    | <i>Carya glabra</i>            | Excellent |   |
| 73          | 29       | Red maple         | <i>Acer rubrum</i>             | Good      |   |
| 74          | 29       | Red oak           | <i>Quercus rubra</i>           | Poor      | Broken/dead branches in crown                                       |
| 75          | 25       | Tulip Poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 76          | 35       | Red oak           | <i>Quercus rubra</i>           | Good      |   |
| 77          | 26       | Red oak           | <i>Quercus rubra</i>           | Fair      | Dead branches in crown  |
| 78          | 37       | Red oak           | <i>Quercus rubra</i>           | Good      |   |
| 79          | 30       | White oak         | <i>Quercus alba</i>            | Poor      | Half of crown missing   |
| 80          | 26       | Green ash         | <i>Fraxinus pennsylvanica</i>  | Good      |   |
| 81          | 40       | White oak         | <i>Quercus alba</i>            | Fair      | Uneven crown, strong lean in crown                                  |
| 82          | 29       | Red oak           | <i>Quercus rubra</i>           | Good      |   |
| 84          | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 85          | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 86          | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |   |
| 87          | 44       | White oak         | <i>Quercus alba</i>            | Fair      | Broken branches in crown  |
| 88          | 33       | Red oak           | <i>Quercus rubra</i>           | Good      |   |

SPECIMEN TREES ARE BOLD

\* TREES GREATER THAN OR EQUAL TO 75% OF THE COUNTY CHAMPION AS LISTED IN 2011 REGISTER OF CHAMPION TREES, MONTGOMERY COUNTY, MARYLAND

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Greenman-Pedersen, Inc.  
11000 Broken Land Parkway, Suite 500  
Columbia, MD 21044  
Tel: 410.880.3055

**DEVELOPER'S CERTIFICATE**

The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. **SC2019012**, including financial bonding, forest planting, maintenance, and all other applicable agreements.

Developer's Name: **M-NCPPC, PPD**

Printed Company Name

Contact Person or Owner: **MICHAEL ZELASKI, P.E.**

Printed Name

Address: **2425 REEDIE DRIVE, 11th FLR. WHEATON, MD 20902**Phone and Email: **301.495.2465**  
**Michael.Zelaski@montgomeryparks.org**Signature: *Michael Zelaski*

| Tree number | Size DBH | Common name       | Scientific name                | Condition | Comments   |
|-------------|----------|-------------------|--------------------------------|-----------|--|
| 89          | 30       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 90          | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 91          | 31       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 92          | 27       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 93          | 24       | Mockernut hickory | <i>Carya alba</i>              | Excellent |  |
| 94          | 26       | Pignut hickory    | <i>Carya glabra</i>            | Excellent |  |
| 95          | 25       | White oak         | <i>Quercus alba</i>            | Fair      | Strong lean, uneven crown                                |
| 96          | 25       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 97          | 29       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 98          | 26       | Pignut hickory    | <i>Carya glabra</i>            | Excellent |  |
| 99          | 32       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 100         | 24       | White oak         | <i>Quercus alba</i>            | Fair      | Strong lean, uneven crown                                |
| 101         | 26       | White oak         | <i>Quercus alba</i>            | Excellent |  |
| 102         | 25       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 103         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 104         | 25       | White oak         | <i>Quercus alba</i>            | Excellent |  |
| 105         | 24       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 106         | 24       | Swamp white oak   | <i>Quercus bicolor</i>         | Good      |  |
| 107         | 34       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 108         | 34       | White oak         | <i>Quercus alba</i>            | Fair      | Double trunk above DBH, dead branches in crown           |
| 109         | 25       | Red oak           | <i>Quercus rubra</i>           | Fair      | Strong lean in canopy                                    |
| 110         | 30       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 111         | 38       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 112         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 113         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 114         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 115         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Uneven crown with broken branches                        |
| 116         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 117         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 118         | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 119         | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Uneven crown with strong lean                            |
| 120         | 29/28    | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 121         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Excellent |  |
| 122         | 39       | Sycamore          | <i>Platanus occidentalis</i>   | Fair      | Leaning strongly   |
| 123         | 25       | Red maple         | <i>Acer rubrum</i>             | Good      |  |
| 124         | 32       | Sycamore          | <i>Platanus occidentalis</i>   | Excellent |  |
| 125         | 33       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 127         | 32       | Red maple         | <i>Acer rubrum</i>             | Fair      | Strong lean, vines                                       |
| 128         | 36       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 129         | 37       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 130         | 26       | Red maple         | <i>Acer rubrum</i>             | Good      |  |
| 131         | 27       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Uneven crown with dead branches                          |
| 132         | 35       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Vines, dead branches                                     |
| 133         | 31       | Red oak           | <i>Quercus rubra</i>           | Excellent |  |
| 135         | 24       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 136         | 26       | Red maple         | <i>Acer rubrum</i>             | Good      |  |
| 137         | 27       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 138         | 29       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 140         | 25/26/27 | Red oak           | <i>Quercus rubra</i>           | Fair      | Trunk damage, broken branches                            |
| 141         | 32       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Dead branches in crown                                   |
| 142         | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 143         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 144         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Strong lean, on stream bank                              |
| 146         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 147         | 32       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 148         | 27/33    | Red oak           | <i>Quercus rubra</i>           | Excellent |  |
| 149         | 30       | White oak         | <i>Quercus alba</i>            | Fair      | Uneven crown, trunk damage                               |
| 150         | 26       | White oak         | <i>Quercus alba</i>            | Fair      | Trunk damage   |
| 151         | 26       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 152         | 33       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 153         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Broken branches in crown                                 |
| 157         | 34       | Red oak           | <i>Quercus rubra</i>           | Excellent |  |
| 158         | 39       | Red oak           | <i>Quercus rubra</i>           | Fair      | Dead branches, split trunk above DBH                     |
| 159         | 29       | White oak         | <i>Quercus alba</i>            | Fair      | Dead branches, split trunk above DBH                     |
| 160         | 35       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 161         | 31       | Red oak           | <i>Quercus rubra</i>           | Poor      | Hollow base of trunk, broken branches                    |
| 162         | 41       | Red oak           | <i>Quercus rubra</i>           | Good      | Dead/broken branches in crown                            |
| 163         | 34/35    | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 164         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Uneven crown, dead branches                              |
| 165         | 26       | White oak         | <i>Quercus alba</i>            | Excellent |  |
| 166         | 27       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 167         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 168         | 27       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Dead/broken branches in crown                            |
| 169         | 28       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 170         | 29       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Poor      | Dead/broken branches in crown                            |
| 171         | 27       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 172         | 27       | White oak         | <i>Quercus alba</i>            | Poor      | Broken/dead branches in crown                            |
| 173         | 25       | Red oak           | <i>Quercus rubra</i>           | Fair      | Broken branches in crown                                 |
| 174         | 26       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 175         | 29       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 176         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 177         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Uneven crown   |
| 178         | 28       | Red oak           | <i>Quercus rubra</i>           | Good      |  |
| 179         | 27       | Red oak           | <i>Quercus rubra</i>           | Poor      | Dead branches, uneven crown                              |
| * 181       | 97       | Red oak           | <i>Quercus rubra</i>           | Good      | 4 trunks above 4.5', larger than county & state champion |
| 182         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 183         | 26       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 184         | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Vines, dead branches                                     |
| 185         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 186         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 187         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 188         | 31       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Uneven crown   |
| 189         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 190         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 191         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 192         | 25       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Uneven crown   |
| 193         | 38       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 194         | 31       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Uneven crown   |
| 195         | 32       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 196         | 29       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 197         | 30       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 198         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Vines, uneven crown                                      |
| 199         | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Broken branches in crown                                 |
| 200         | 29       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 201         | 30       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 202         | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 203         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Broken branches in crown                                 |
| 204         | 39       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Poor      | Hollow trunk, broken branches in crown                   |
| 205         | 32       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 206         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Fair      | Broken branches in crown                                 |
| 207         | 29       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Excellent |  |
| 208         | 28       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 209         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 210         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 212         | 25       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 213         | 35       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 214         | 26       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Excellent |  |
| 215         | 24       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |
| 216         | 27       | White oak         | <i>Quercus alba</i>            | Good      |  |
| 217         | 29       | Tulip poplar      | <i>Liriodendron tulipifera</i> | Good      |  |

| Tree number | Size DBH | Common name  | Scientific name                | Condition | Comments                           |
|-------------|----------|--------------|--------------------------------|-----------|------------------------------------|
| 218         | 25       | White oak    | <i>Quercus alba</i>            | Good      |                                    |
| 219         | 36       | White oak    | <i>Quercus alba</i>            | Fair      | Broken branches in crown           |
| 220         | 24       | Green ash    | <i>Fraxinus pennsylvanica</i>  | Fair      | Dead branches, vines               |
| 221         | 33       | Sycamore     | <i>Platanus occidentalis</i>   | Fair      | On streambank, roots exposed, lean |
| 222         | 38       | Tulip poplar | <i>Liriodendron tulipifera</i> | Fair      | Vines                              |
| 223         | 29       | Tulip poplar | <i>Liriodendron tulipifera</i> | Poor      | Strong lean, moss covered          |
| 224         | 40       | Sycamore     | <i>Platanus occidentalis</i>   | Fair      | Dead branches, vines               |