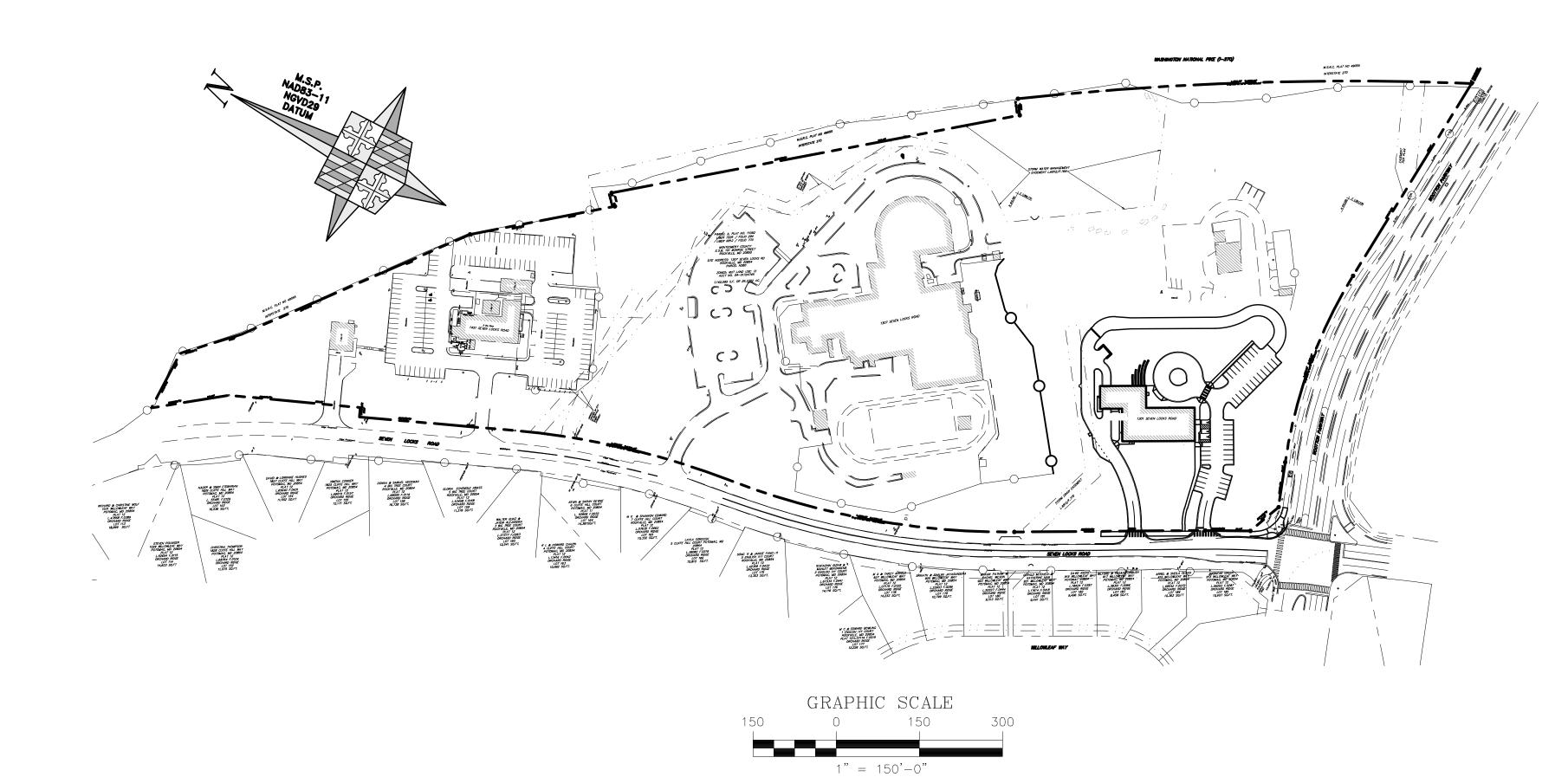
# MONTGOMERY COUNTY DIVERSION CENTER

SITE PLAN TYPE 2 MAY 2025

	DRAWING LIST
SHEET NUMBER	SHEET NAME
CS-0	COVER SHEET
C-1A	EXISTING CONDITIONS PLAN
C-3A	SITE PLAN
C-3C	SITE DETAILS
C-6A	SIGNAGE AND STRIPING PLAN
FA-7A	FIRE ACCESS PLAN
L-1.1	OVERALL FOREST CONSERVATION PLAN
L-1.2	DETAILED FOREST CONSERVATION PLAN
L-1.3	FOREST CONSERVATION PLAN NOTES & DETAILS
L-2.1	OVERALL LANDSCAPE PLANTING PLAN
L-2.2	DETAILED LANDSCAPE PLANTING PLAN
L-2.3	LANDSCAPE PLANTING PLAN NOTES & DETAILS



ZONING REQUIREMENTS	5
	•

ZONING: MIXED-USE TRANSITION (MXT)

USE: SHORT TERM MENTAL HEALTH AND SUBSTANCE ABUSE TREATMENT
BUILDING SIZE: 16,490 GSF
BUILDING HEIGHT:

	MAXIMUM = 35'	PROVIDED = 33'-1"
OPEN SPACE:		
	REQUIRED = 10%	PROVIDED = >10%
BUILDING RESTR	RICTION LINES:	
	REQUIRED	PROVIDED
FRONT	10'	161.56'
SIDE	10'	N/A
REAR	10'	N/A
PARKING:		
	REQUIRED = 50 SPACES	PROVIDED = 50 SPACES

REQUIRED = 50 SPACES PROVID

BICYCLE PARKING:

SHORT TERM REQUIRED

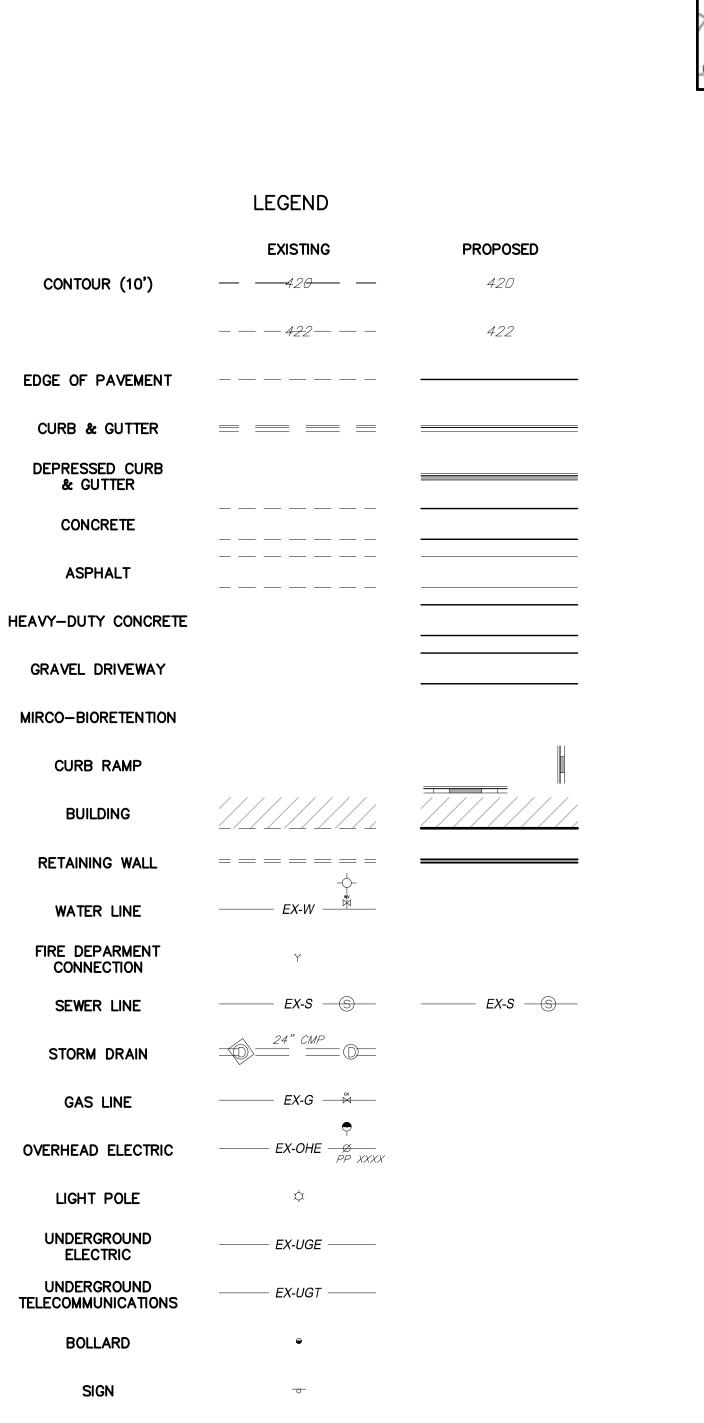
LOADING WILL BE PROVIDED BY VAN OR SMALL BOX TRUCK

SHORT TERM REQUIRED

2 SPACES / 40,000 SF = 1 SPACE PROVIDED = 0 SPACES

LONG TERM REQUIRED

2 SPACES / 40,000 SF = 1 SPACE PROVIDED = 0 SPACES



TREE (DECIDUOUS)

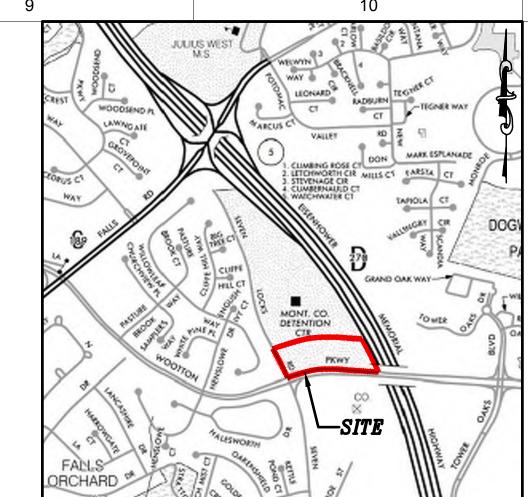
TREE (CONIFER)

EDGE OF VEGETATION

EASEMENT LINE

LIMIT OF DISTURBANCE

CROSSWALK / ACCESS AISLE



VICINITY MAP

SCALE: 1" = 2,000'±

(WSSC GRID: 217 NW 08)

MONTGOMERY COUNTY

ADC MAP PAGE: 5164

GRIDS: E-10

Owner:



Montgomery County Maryland
Department of General Services
Division of Building Design & Construction

101 Monroe Street, Rockville, Maryland 20850 11th Floor
County Project Number: 0470301

Montgomery County Diversion Center

1307 Seven Locks Road Rockville, MD 20854

Account: 04-01724745
Tax Map: GR21, Parcel: N580
Legal: PL 11092 PT PAR A SE
L.7225, F.294 & L.6812, F.770
Area: 26.23 Ac

RFP/IFB # 1150676



Architecture Interior Design Landscape Architecture Engineering 1054 31st Street NW Canal Square Suite 410 Washington, DC 20007 202.595.3173

www.bkvgroup.com

Professional Seal:



No.	Date	Description
	05/16/2024	SCHEMATIC DESIGN
	10/31/2024	100% DD SET
	04/28/2025	75% CD SET



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Sheet Title:

COVER SHEET

AE Project Number 2179-04

Bid Set Date 11/11/2022

Sheet Number:

CS-C

Scale 1"=150'

CONTRACTOR TO NOTIFY "MISS UTILITY" AT (800)
257-7777 AT LEAST 72 HOURS PRIOR TO START OF
CONSTRUCTION. THE EXCAVATOR MUST NOTIFY ALL
PUBLIC UTILITY COMPANIES WITH UNDERGROUND
FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND
HAVE THOSE FACILITIES LOCATED BY THE UTILITY
COMPANIES PRIOR TO COMMENCING EXCAVATION.
BEFORE EXCAVATION THE CONTRACTOR IS RESPONSIBLE
FOR CALLING TICKET CHECK AT 1-866-821-4226 TO
VERIFY THAT ALL UTILITIES HAVE BEEN MARKED, 72

HOURS AFTER CALLING "MISS UTILITY".

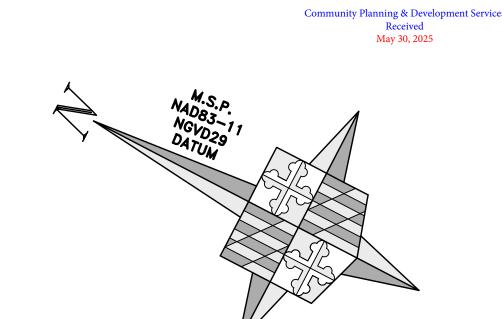
Community Planning & Development Services

Received May 30, 2025

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4/29/2024 2:47:08 PI







Montgomery County Maryland
Department of General Services
Division of Building Design & Construction

101 Monroe Street, Rockville, Maryland 20850 11th Floor
County Project Number: 0470301

Montgomery County Diversion Center

1301 Seven Locks Road doesn't exist in MDSDAT.

1307 Seven Locks Road

Rockville, MD 20854

Account: 04-01724745
Tax Map: GR21, Parcel: N580
Legal: PL 11092 PT PAR A SE
L.7225, F.294 & L.6812, F.770
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	04/28/2025	75% CD SET

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CIVIL, STRUCTURAL AND SPECIALTY ENGINEERING

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EXISTING CONDITIONS
PLAN

This plan is for Stormwater Management Only.

AE Project Number 2179-04

Bid Set Date 11/11/2022

Sheet Number:

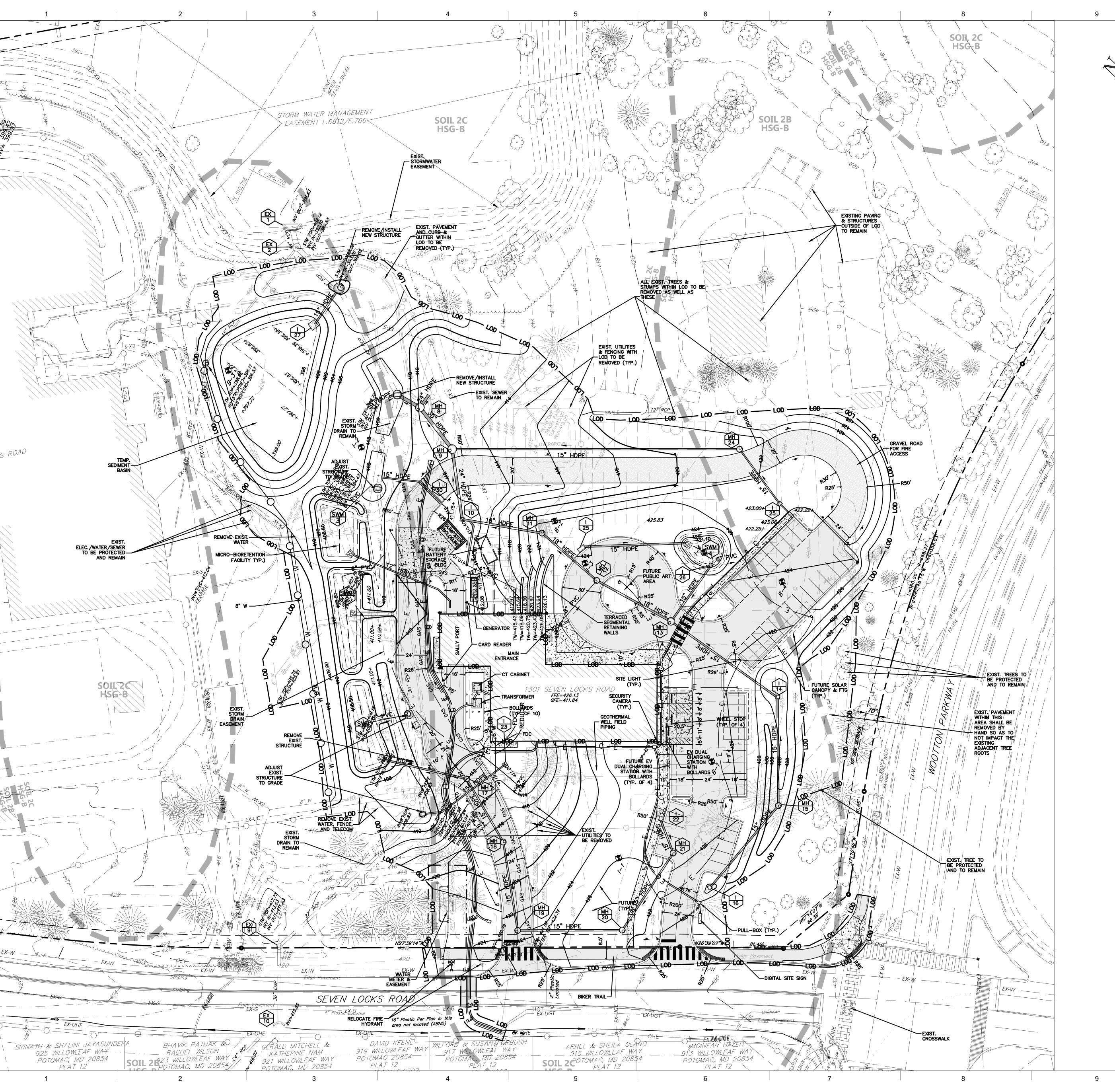
GRAPHIC SCALE

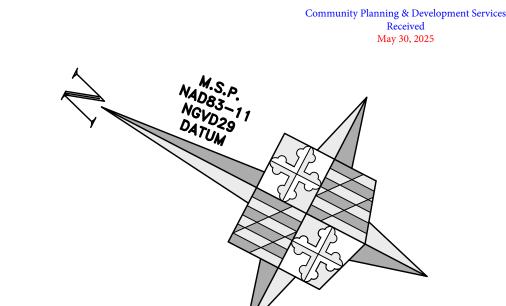
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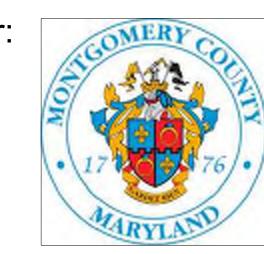
10

C-1A

Scale 1" = 30'







Montgomery County Maryland
Department of General Services
Division of Building Design & Construction

101 Monroe Street, Rockville, Maryland 20850 11th Floor

County Project Number: 0470301

Montgomery County Diversion Center

1307 Seven Locks Road Rockville, MD 20854

Account: 04-01724745

Tax Map: GR21, Parcel: N580

Legal: PL 11092 PT PAR A SE

L.7225, F.294 & L.6812, F.770

Area: 26.23 Ac

RFP/IFB # 1150676

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No.	Date	Description
	05/16/2024	SCHEMATIC DESIGN
	10/31/2024	100% DD SET
	04/28/2025	75% CD SET

L ADTEK

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Sheet Title:

SITE PLAN

This plan is for Stormwater Management Only.

AE Project Number 2179-04

Bid Set Date 11/11/2022

Sheet Number:

GRAPHIC SCALE

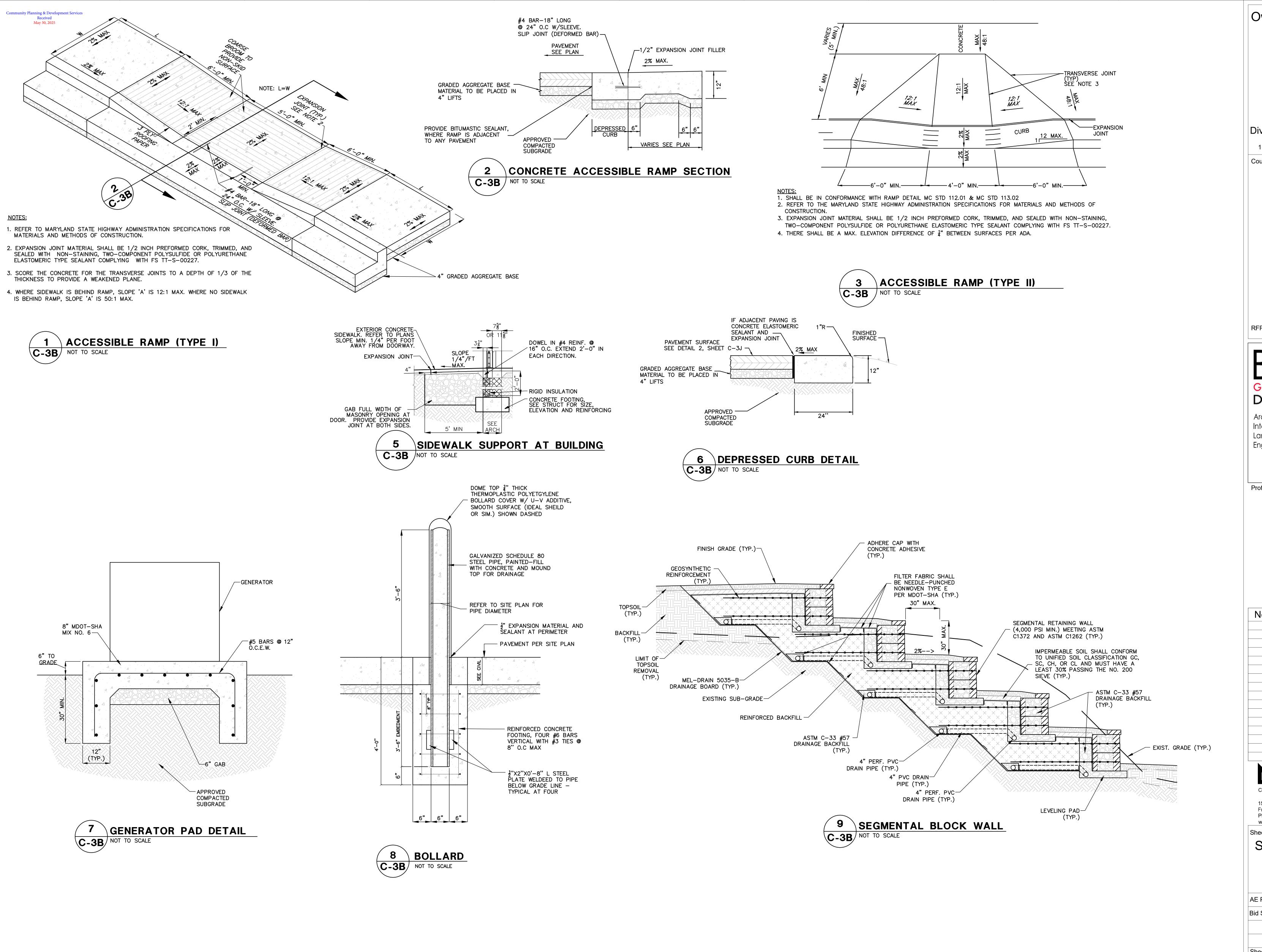
1" = 30' - 0"

10

C-3A

Scale 1" = 30'

4/29/2024 2:47:08 PM





Montgomery County Maryland
Department of General Services
Division of Building Design & Construction

101 Monroe Street, Rockville, Maryland 20850 11th Floor
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	10/31/2024	100% DD SET
	04/28/2025	75% CD SET



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Sheet Title:

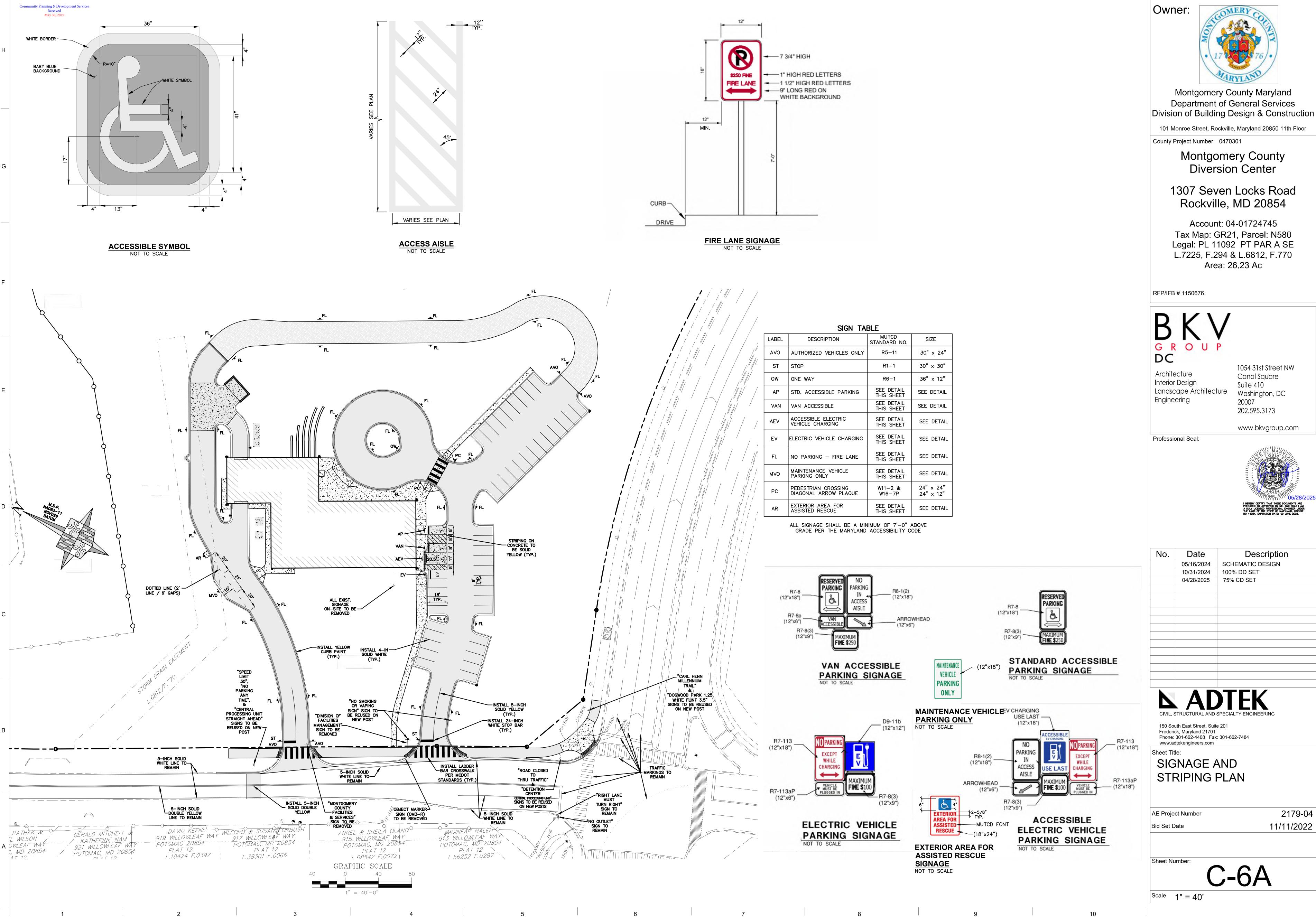
SITE DETAILS

AE Project Number 2179-04

Bid Set Date 11/11/2022

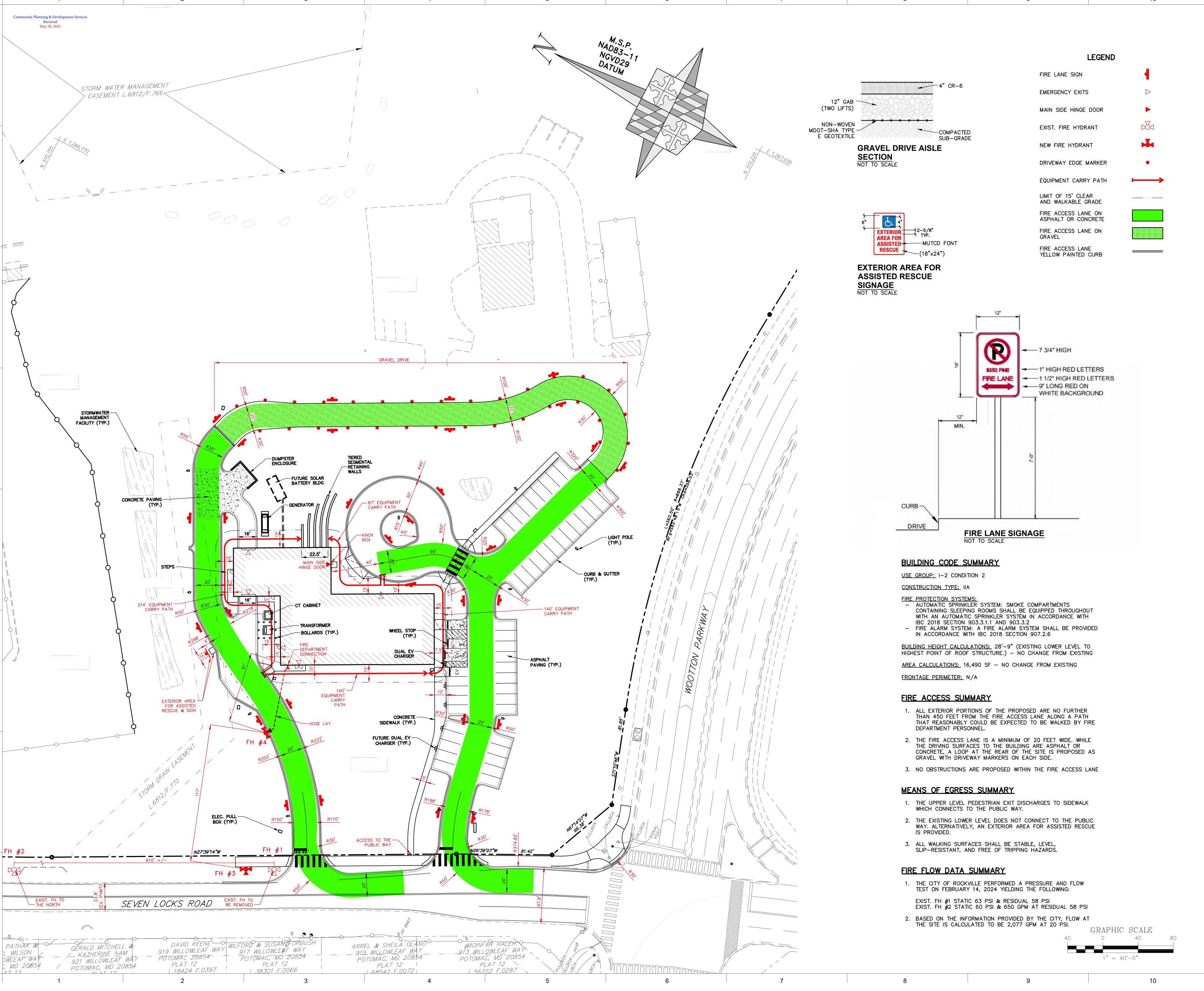
eet Number:

C-3C





No.	Date	Description
	05/16/2024	SCHEMATIC DESIGN
	10/31/2024	100% DD SET
	04/28/2025	75% CD SET





Montgomery County Maryland
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No.	Date	Description
	05/16/2024	SCHEMATIC DESIGN
	10/31/2024	100% DD SET
	04/28/2025	75% CD SET

# ADTEK CIVIL, STRUCTURAL AND SPECIALTY ENGINEERING

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Sheet Title:
FIRE ACCESS PLAN

AE Project Number 2179-04

Bid Set Date 11/11/2022

Sheet Number:

Scale 1" = 40'

C-7A

/29/2024 2:47:08

## NOTE FOR TREES RETAINED

TREES EXISTING ONSITE TO BE SAVED WILL CONTRIBUTE TO REFORESTATION/AFFORESTATION CREDIT.

### MINIMUM TREE COVER NOTE

THERE IS A MINIMUM TREE COVER REQUIREMENT OF X ACRES (15% TRACT AREA).

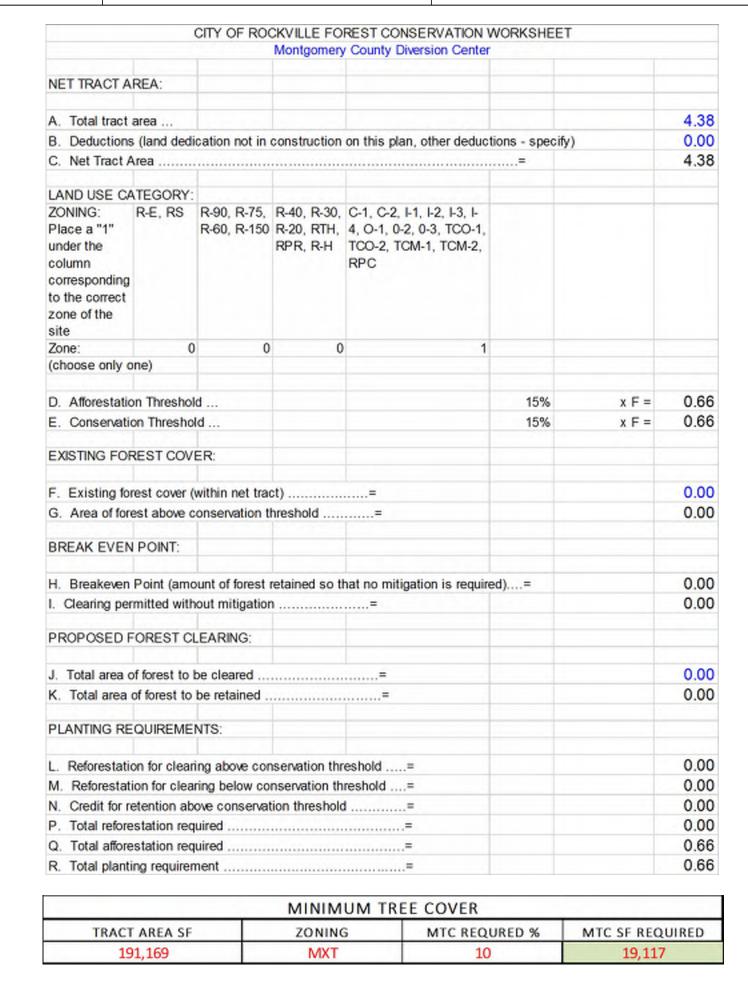
### SIGNIFICANT TREE REPLACEMENT

X 2.5" CAL TREES ARE REQUIRED FOR THE REPLACEMENT OF TREES REMOVED FROM WITHIN THE STUDY AREA.

TREE REMOVED	QUANTITY REMOVED	NO. OF REPLACEMENT TREES PER REMOVAL	NO. OF REPLACEMENT TREES REQUIRED
12"-18" TREE	X	1 TREE	X TREES
19"-24" TREE	X	2 TREES	X TREES
25"-29" TREE	X	3 TREES	X TREES
SPEC./CHAMP. TREE	X	6 TREES	X TREES
		TO	TAL = X TREES

### NRI/FSD TABULATION TABLE

TAINIT SE TREEL TREEL	
ACREAGE OF TRACT:	4.38
ACREAGE OF EX. FOREST:	0.00
ACREAGE OF EXISTING WETLANDS	0.00
ACREAGE OF FORESTED WETLANDS	0.00
ACREAGE OF WETLAND BUFFERS	0.01
ACREAGE OF STREAM BUFFERS	0.00
ACREAGE OF FORESTED STREAM BUFFER	0.00
ACREAGE OF 100 YEAR FLOODPLAIN	0.00
LINEAR EXTENT OF STREAMS	0
AVERAGE WIDTH OF STREAM BUFFER	0



LABEL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE (LG SHADE, LG EG, SM SH/O, SM EG)	ROOT BALL TYPE	FIZE- CAL/HT	LANDSCAPE ONLY- NO FTO CREDIT	QUANTTY SIG. TREE REPLACEMENT	QUANTITIY FC CREDIT (200 OR 400 FF)		MTC CREDIT (200 OR 400 SF x
AC	16	Amelanchier canadensis	shadblow	ORN	B&B	2.5"	0	0	16	3200	3200
AS	2	Acer saccharum 'Green mountain'	green mountain' sugar maple	LG SHADE	8&8	2.5"	0	2	0	0	800
AR	5	Acer rubrum 'October glory'	october glory' red maple	LG SHADE	8&8	2.5"	0	5	0	0	2000
CC	22	Cercis canadensis 'Merlot'	merlot' red bod	ORN	8&8	2.5"	0	0	22	4400	4400
CM	13	Cornus mas 'Golden glory'	cornelian cherry dogwood	ORN	B&B	2.5"	0	0	13	2600	2600
00	19	Celtis occidentalis	hackberry	LG SHADE	8&8	2.5"	0	0	19	7600	7600
CR	19	Comus rutgan 'stellar pink'	stellar pink' dogwood	ORN	8&8	2.5"	0	5	14	2800	3800
FG	17	Fagus grandifolia	American beech	LG SHADE	8&8	2.5"	0	0	17	6800	6800
GC	3	Gleditsia triacanthos var. inermis 'Skyline'	skyline' thornless honey locust	LG SHADE	8&8	2.5"	0	3	0	0	1200
GD	3	Gymnocladus diocus (male)	Kentucky coffee tree	LG SHADE	8&8	2.5"	0	3	0	0	1200
NS	4	Nyssa sylvatica 'wildfire'	wildfire' black gum tree	LG SHADE	8&8	2.5"	0	4	0	0	1600
20	19	Platanus occidentalis	American sycamore	LG SHADE	B&B	2.5"	0	0	19	7600	7600
QB	4	Quercus bicolor	swamp white oak	LG SHADE	8&8	2.5"	Q	4	0	0	1600
QC	25	Qucercus coccinea	scarlet oak	LG SHADE	8&8	2.5"	0	0	25	10000	10000
QP	10	Quercus phellos	willow oak	LG SHADE	8&8	2.5"	0	10	0	0	4000
0	1	llex opaca	American holly	SM EVG	B&B	7-8'	0	0	1	200	200
					TOT	ALS	0	36	146	45200	58600
		EEE IN	LIEU OPTION				SF				

### CHAMPION TREE NOTE

THERE ARE NO TREES WITHIN THE STUDY AREA WITH POTENTIAL CHAMPION DBH ACCORDING TO THE LATEST REGISTER OF CHAMPION TREES AND NO UNLISTED POTENTIAL CHAMPION TREES WERE EVIDENT ON THE SITE.

### SPECIES NOTE

A MINIMAL AMOUNT OF WILDLIFE WAS FOUND WITHIN THE FOREST STANDS. THE U.S. FISH & WILDLIFE SERVICE AND THE MD DEPARTMENT OF NATURAL RESOURCES HAVE BEEN NOTIFIED OF THE PROJECT AREA AND DESCRIPTION. NO RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED ON THE PROPERTY.

### FOREST NOTE

THE LOD.

THERE IS A SMALL PORTION OF FOREST WITHIN THE STUDY AREA TOTALING 323 SQUARE FEET. THIS FOREST IS PART OF A LARGER FOREST ON SITE. HOWEVER, THERE IS NO FOREST WITHIN

# CULTURAL/HISTORIC NOTE

OUR RESEARCH INDICATES THERE ARE NO HISTORIC PROPERTIES IN PROXIMITY TO THE SUBJECT SITE. THE SITE IS NOT LISTED IN THE ROCKVILLE INVENTORY OF PROPERTIES IN HISTORIC DISTRICTS. IT APPEARS DEVELOPMENT ON THE SUBJECT PROPERTY WILL NOT AFFECT ANY HISTORIC PROPERTIES.

OVERALL SITE

### **INVASIVE SPECIES NOTE**

FOREST ONSITE BUT OUTSIDE THE STUDY AREA CONTAINS INVASIVE SPECIES: JAPANESE HONEYSUCKLE. THERE ARE NO PARTICULAR CONCENTRATED AREAS TO IDENTIFY ON THE PLAN. THE INVASIVE SPECIES ARE SPORADIC THROUGHOUT THE SITE AND FOREST AREAS.



<sub>I</sub> Architecture Interior Design | Landscape Architecture Engineering

RFP/IFB # 1150676

Community Planning & Development Services

May 30, 2025

Owner:

Montgomery County Maryland

Department of General Services

Division of Building Design & Construction

101 Monroe Street, Rockville, Maryland 20850 11th Floor

County Project Number: 0470301

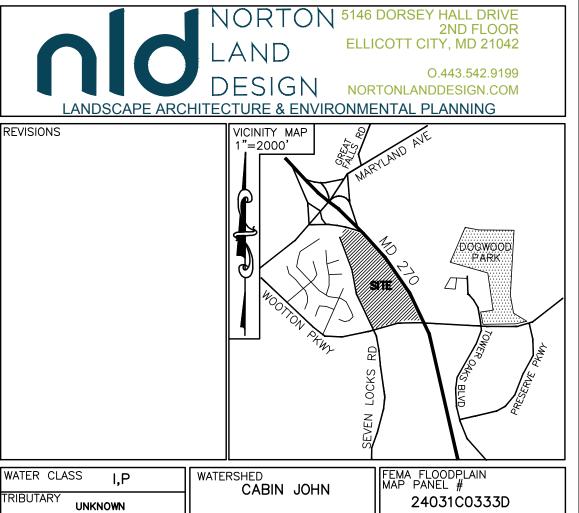
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No.	Date	Description		
	05/16/2024	SCHEMATIC DESIGN		
	10/31/2024	100% DESIGN DEVELOPMENT		
	04/28/2025	75% CONSTRUCTION DOCUMENTS		

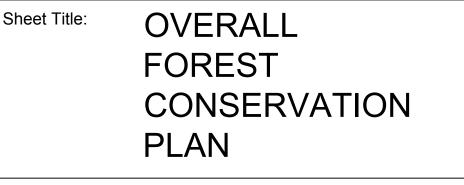


217NW08

JULY 2024

AS SHOWN

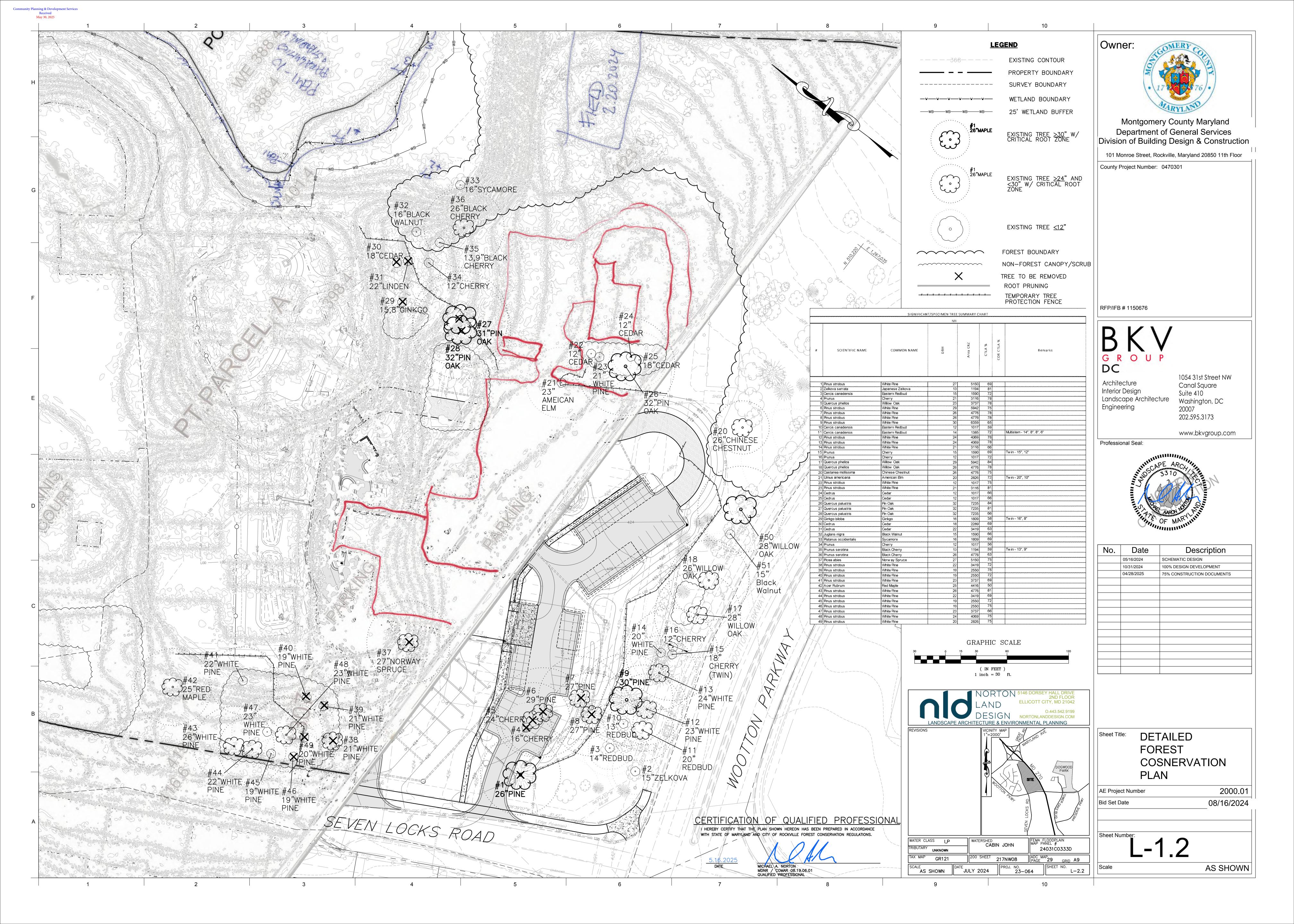
PROJ. NO. 23-064



2000.01 AE Project Number 08/16/2024 Bid Set Date

AS SHOWN

MD ROUTE 270 SEE SHEET DETAILED STUDY AREA L-1.2 CERTIFICATION OF QUALIFIED PROFESSIONAL 1 inch = 100 ft. SEVEN LOCKS ROAD



### SEQUENCE OF EVENTS

he permittee is responsible for strict adherence to the sequence and details as autlined. During each stage of the project, forestry staff may provide additional direction based on site conditions, unforeseen circumstances, or approved revisions. PRE-CONSTRUCTION

- 1. Permittee shall obtain a Forestry Permit (FTP) for the project and secure copies of the approved Forest Conservation Plan (FCP) for distribution to contractors. The Permittee is responsible for obtaining a Maryland Roadside Tree Permit if applicable.
- 2. The Permittee must coordinate and schedule an onsite preconstruction meeting with the following attendaes: Permittee, Construction Superintendent, Maryland LTE/IŞA Certified Arborist (if required by Forestry Department), the City Forestry Inspector, City Project Inspector, and City Sediment Control Inspector. The firmits of disturbance must be staked and flagged prior to the preconstruction meeting. No land disturbance shall occur prior to this meeting. This includes, but is not limited to, the installation of tree protection fencing, sediment control measures, clearing, grading and tree stress reduction measures. The limits of disturbance will be reviewed and tree protection and tree care measures will be discussed.
- 3. No land distorbance shall begin before stress-reduction measures as indicated on the approved FCP, or otherwise directed by the Forestry Inspector have been implemented and approved by Forestry Inspector. Measures not specified on the plan may be required as determined by the Forestry Inspector in consultation with the Permittee's MD LTE/ISA Certified Arborist. Appropriate stress-reduction measures may include, but are not limited to:
- Root proning b. Crown reduction or pruning
- c. Watering: d. Fertifizing e. Surface mulching.

Contact Miss Stility at 1-800 257-7777.

- f. Vertical mulching g, Root aeration matting
- 4. A MD LTE who is also an ISA Certified Arborist must perform all stress reduction measures, Documentation of these and other industry best management practices. Implementation of the stress reduction measures must be observed by the Forestry inspector or written documentation, including photographs must be sent via mail or email to the City Forestry
- 5. Temporary tree protection devices, including signage, shall be installed per the approved Forest Conservation Plan, or as otherwise directed by the Forestry Inspector, and prior to any land disturbance. Tree protection fencing locations must be staked and flagged prior to the pre-construction meeting. The Forestry Inspector, in coordination with the City Sediment Control Inspector, may make field adjustments to increase the survivability of trees and forest shown as saved on the approved plan. The Permittee must contact the Forestry Inspector to schedule a follow up construction inspection after installing all tree protection measures and performing all stress reduction measures. Upon a satisfactory inspection by the Forestry inspector and Sediment Control Inspector, a Notice to Proceed will be issued and clearing and grading can commence. Temporary tree protection devices may include: a. Chain ink fence (four feet high)
- b. Super silt fence with wire strung between the support poles (minimum 4 feet high) with high visibility flagging, c. 14 gauge 2 inch x 4 inch welded wire fencing supported by steel ₹-bar pasts (minimum 4 feet high) with high visibility
- 6. The Permittee and contractor shall maintain the temporary tree protection devices for the duration of the project and the location must not be altered without prior approval of the Forestry trispector. No equipment, trucks, materials, debris, or any
- other items may be stored within the tree protection fence areas during the entire construction project. No access beyond the fenced area will be permitted. Tree Protection fencing shall not be removed without prior approval of the Forestry
- 7. Long term tree protection devices/techniques, as shown on the FCP or as directed by the Forestry Inspector may include but
- a. Root aeration systems: b. Retaining walls c. Raised sidewalks
- d. Tunneling of utilities e. Pier and panel walks Porous pavers

- 1. Periodic inspections at the discretion of the Forestry lespector will occur during the construction project. Corrections and regains to all tree protection devices and other protective measures, as determined by the Forestry Inspector, must be made
- within the timeframe established by the Forestry hispector. 2. The Permittee must immediately notify the Forestry Inspector of any damage to trees, forests, understory, ground cover, and any other undisturbed areas shown on the plan. Remedial actions to the restore these areas will be determined by the Forestry

Additional punitive measures as stated under Section 10.5-34 of the FTPO may be imposed.

Inspector and the corrective actions must be made within the timeframe established by the Eurestry Inspector. 3. Failure to comply with the approved FCP or any directive of the City Forester's office is a violation of the Forest and Tree Preservation Ordinance (FTPO). Pursuant to Section 10.5-34 of the FTPO, a fine in the amount of \$1,000 may be imposed for each violation. Each day a violation continues is a separate violation. In addition, a stop work order may be issued until the violation has been abated and the fine has been paid or an appeal has been filed pursuant to Section 10.5-35 of the FTPO.

1. After construction is completed, the Permittee must request a final inspection in writing with the Forestry Inspector. At the final inspection, the Forestry Inspector may require additional corrective measures, which may include, but is not smited to: a. Removal and replacement of dead and dying trees. b. Pruning of damaged, dead or declining limbs;

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 the City Sediment Control inspector and the Porest Conservation Inspector.

- c. Surface mulching: d. Soil aeration e; Pertitization
- g. Wound repair h. Clean up of retention areas including trash removal 2. After the final inspection and completion of all corrective measures the Forestry inspector will request all temporary tree and

1. PURPOSE AND DESCRIPTION

1.2 Description of Procedure

grading or construction begins:

2.2 Sequencing

restoration of disturbed soils as defined by \$178514.

construction materials from the existing soil surface.

1. The Permittee is responsible for obtaining the approved Forest Conservation Plan/Landscape Plan and providing a copy to the Landscape Contractor. The Permittee shall ensure that the Landscape Contractor can secure the plants shown the FCP/Landscape Flan. Plant substitutions are not allowed. It is strongly recommended that plant material be secured from

No additional grading, sodding, or burial may take place after the tree protection fencing is removed.

2. A gre-planting meeting is required before installation of landscaping, afforestation, or reforestation. The applicant must schedule an on-site pre-planting meeting with the City Forestry Inspector. Attendees most include the Permittee, landscape

Specification for Restoration of Graded and Compacted Soils that will be Vegetated

Soil Profile Rebuilding is an appropriate soil restoration technique for sites where topsoil has been completely or

portially removed and subsoil layers have been compacted (graded and/or trafficked by equipment), it may also be

used with some modifications if topsoil is present. This is not an appropriate technique in sites with surface

compaction only (5 inches or less), although this situation is rare on construction sites. This technique is not

appropriate within the root zones of trees that are to be protected. Soil Profile Rebuilding can improve physical and biological characteristics of soil to allow for revegetation, 5oil chemical problems, soil contamination from heavy

The procedure includes a subsoiling procedure, addition of organic matter in the form of compost, replacement or

addition of topsoil, and subsequent planting with woody plants. The soil preparation portion of Soil Profile Rebuilding:

puts the components in place for restoration to characteristics similar to undisturbed soils, however, the complete.

restoration process requires root activity and occurs over many years. This technique may be appropriate for

Soil Profile Robuilding may improve vegetation establishment, increase tree growth rates, increase soil permeability,

Profile Rebuilding shall occur on all soil areas that are to be vegetated that have been disturbed by trafficking or

grading during construction or prior to construction. Soil preas that are not to be treated should be protected by

protected areas and areas to be treated shall be approved by the owner, arborist, or landscape architect before

Profile Rebuilding shall occur after site disturbance is complete, including all vehicle and equipment trafficking, but

before replacement of topsoil. Once profile rebuilding is complete, all traffic and equipment or materials storage on

treated areas is prohibited, with the exception of foot traffic, for the purposes of planting or mulching.

If topsoil is already present and is 4 inches or greater in depth, use the "modifications for pre-existing topsoil."

Remove all foreign materials resulting from construction operations; including oil drippings, stone, gravel, and other

Spread mature, stable compost to a 4 inch depth over compacted subsoil (see Section 3. Definitions for definition

permanent fencing during the construction period and all access to these areas prohibited. A soil map defineating

enhance formation of aggregates in the subsoil, and enhance long-term soil carbon storage:

Based on Specifications developed At Yingola Polysectoric Institute. Department of Horticylture

metals, pathogens, or excessive debris or gravel shall be addressed separately:

contractor, and Forestry Inspector. Trees and shrubs shall conform to the current edition of the American Standard for Nursery Stock (ANS) Z60.1).

- 1. Soil Specification FOR TREE PLANTING WHERE EXISTING PAVEMENT OR OTHER IMPERVIOUS SURFACES WERE PREVIOUSLY LOCATED OR WHERE EXISTING GREENSPACE HAS BEEN SEVERELY DEGRADED. 11 Site preparation» a. Demolish existing impervious surface and remove all existing asphalt, concrete, stone and construction
  - materials to expose subsoil free of debris. b. Excavate so that final planting bed will provide quality soil to a depth of forty-eight (48) inches, and to a radius of 10' minimum of to new hard edge of planting bed, whichever is less. c. Loosen exposed subsoil below 48" by ripping 18" into the sub-grade elevation. d. Test to ensure that planting bed drains at a rate of at least 1 inch/per hour. e. Install imported sail to fill excavated planting bed. Imported soil shall consist of 50% top sail<sup>3</sup>, 40%
- coarse washed sand, and 10% mature? compost, by volume, and have a chemical composition ampatible with healthy growth. When installing the soil, it should be installed in lifts or layers of < 12inches (30 cm), tamping or watering (not both) between lifts to minimize potential settling. 2. Immediately prior to installation of plant material, the soil must be tested and must have a pH range between 6 and 7 and a nutrient content which corresponds to an adequate rating, per current industry standards. Amend soil, if necessary to achieve the current inclustry standard,
- II. Soil Specification FOR PEANTING WHERE EXISTING GREEN SPACE HAS NOT BEEN PROTECTED FROM CONSTRUCTION IMPACTS BUT IS NOT SEVERELY DEGRADED.

3. The Forestry Inspector may require additional soil specifications, based on site conditions.

- Site Preparation: a. Remove all construction debris and top four to six inches of existing soil. b. Test remaining existing soil to verify a pH range between 6 and 7, and bas a netrient content which
- corresponds to an adequate rating, per current industry standards. c. Apply foor (4) inches of mature compost eyenly over the entire planting surface. (4" = 12 Cubic Yard/1,000 s.f.). Provide compost supplier information and specifications to the City Forestry Inspector for approval prior to install
- d. Till the compost into the existing soil to a minimum depth of thirty-six (36) inches using the city's soil profile rebuilding specification. e. If soil does not meet autrient standards, mitigate soil chemistry to meet the chemical parameters. The Forestry inspector may require additional soil specifications, based on site conditions
- FILE SOIL Specification FOR PLANTING WITHIN EXISTING GREEN SPACE AREAS WHICH HAVE BEEN PROTECTED FROM CONSTRUCTION IMPACTS [One of two options, as determined by Forestry Inspector] Refer to approved City of Rockville Detail A-7 1. Test existing soil to venify it has a pH range between 6 and 7, and a nutrient content which corresponds to an adequate rating, per current industry standards, if soil does not meet nutrient standards, one of two options will be performed to mitigate the soil:
  - yards/1,030 s.f.). Provide compost supplier information and specifications to the City Forestry inspector for approval prior to install. fill the compost into the existing soil to a minimum depth of twenty-four (24") inches 5. Option 2 — Aeration and Vertical Molching

Using a 2-3" Auger, drill a series of holes in the soil to a depth of twenty-four (24) inches.

ii. Begin at the edge of the hole dug for the root balf, and continue drilling at one-foot intervals

Page 3 of 5

Apply four (4) inches of mature compost evenly over the entire planting surface (4" = 12 cubic

a. Option 1. Till Method- Depth of tilling for planting must be at least twenty-four (24) inches:

See definitions section of City Soil Profile Rebuilding Specification

See definitions section of City Soil Profile Rebuilding Specification.

(maximum), in concentric rings around the tree out to ten (10) feet from the tree iii. Each hole must be refilled with mature compost.

c. The Forestry Inspector may require additional sod specifications, based on site conditions.

- IV. Soil testing of the existing soil may be conducted with PRIOR approval from the City's Forestry Inspector to determine the number and location of the samples. The above requirements may be reduced if soil testing
- shows the following: Soil pH is between 5.5 and
- 2. The top 24" of existing soil contains a minimum of 4-6% organic matter by weight 3. The soil is free of contaminants 4. The soil texture is sandy loam or loam
- 5. The soil has an infiltration rate not less than 1" per hour 6. The soil does not contain debris or stones greater than one incit The soluble salt content is less than 3 dS/m
- 8. Consult the University of Maryland Extension website: http://extension.umd.edu/\_for\_a\_listing\_of\_ commercial soil testing facilities.
- V. Soil preparation is required for street trees planted within the city's rights of-way and private street trees, if they are part of the approved plan. 4. The depths and grades shown on plan drawings are final grades after settlement and shrinkage of the organic material. The
- contractor shalf install the soil mix at a higher level to anticipate this reduction of volume. All grades are assumed to be 'as measuretf" to be prior to the addition of any surface composit till layer or mulch or sod.
- b. Proper form for species
- c. Proper ratio of caliber size/height to container size/root balt size. d. Proper pruning cots if applicable in accordance with corrent ANSI A300 pruning standards (generally there should
- e. No co-dominant stems or multiple trunks (unless approved by FCP or by The Forestry Inspector): Sound grafe union. g. Free of girdling roots, or the ability to remove girdling roots without damaging the tree. h. Trees shall be healthy, vigorous, insect/disease free, and without cankers/cracks or trunk damage.
- a. Root flare no higher than 3 inches from existing grade. b. Exposed root flare (not graft); removing more than several inches of soil to expose the root flare may result in the rejection of the plant material. c. Wire baskets/twine/burlap removed from at least the top half of root ball, or as directed by Forestry Inspector.
- d. All burlag or twine removed completely. No hose and wire; staking and strapping per City planting detail. Planting Hole a minimum of twice the width of the root ball; could be greater. Planting detail assumes sail has been prepared per the city's specifications (Planting, #3).
- g. Molched properly, per City planting detail;  $\hat{\eta}_{\rm e}$  . Wildlife protection installed, if required, type approved by the Forestry inspector, 7. Trees not complying with the above requirements may be rejected at the discretion of the City Forestry Inspector.
- 8. Tree planting will generally not be permitted between the dates of June 1 and September 1, or when the ground is frozen.

# 3. DEFINMONS

4.1 Soji Map

S. REFERENCES & PERMISSIONS

Page **2** of **4** 

If the surface is sticky or muddy, it is too wet. Use a mini-backhoe or similar equipment with a narrow (less than 24"). tined backet to break up the compacted soil and incorporate the compost. Work backwards away from excavated spils so that treated soil is not trafficked by the equipment. Insert the Sucket through the compost layer and into the subsail to a depth of thirty-inches (36"), and raise a booket of soil at least twenty-four inches above the soil surface. Fig the bucket and allow soil to fall, Repeat this procedure until no dumps of compacted soil larger than 12 inches in In addition, topsoil shall: diameter remain. The tines of the bucket can be used to break apart larger clumps if necessary, 50% of the soil shall. Be friable and well drained.

# 2.6 Replacement of topsoil

be used to verify compost is present at thirty-six inch depth...

2.6.1 Standard procedure

2.5 Subsoiling:

(4) inch minimum depte (see Section 3.3 Definitions for definition of topsoil). If soil was severely disturbed: (see definitions), a six (6) to eight (8) inch minimum shall be replaced with topsoil that meets city standards: 2.6.2 Modification if significant topsoil is already present before Profile Rebuilding is Initiated Case 1: At least four inches of topsoil is present on the site after construction activities are completed AND soil is not severely disturbed (see Section 3.3 Definitions for description of severely disturbed);

Stockpilled topspil, or additional topspill if none is available from the site, shall be returned to the site to a four:

Subsoiling may be performed when soil is neither wet nor dry. If a shove cannot be forced into the soil, it is too dry.

be in clumps 6 inches or smaller. No clamps shall be greater than 18" in diameter. The subsolling is not intended to:

homogenize the compost and soil, but rather loosen the soil to a thirty-six inch depth and create veins of compost

down to that depth as well. To ensure that subsoiling reached the appropriate depth, a push tube sail sampler shall

Less than four inches of topsoil is present on site after construction activities were completed but before Profile Rebuilding is leitiated, OR soil is severely disturbed (see Section 3.3 Definitions for description of For Case 1: A minimum of three inches additional topsoil shall be placed over the subsoiled layer before:

For Case 2: Follow Section 2.6.1 Standard procedure, as if no topsoil had been present: Rototill toosail to a depth of six to eight inches when sail is neither dry nor very maist. Rotatilling depth should

gross the interface with the subsoiled faver by a manimum of one (1) such and can be verified with a random sampling with a push tube soil sampler...

Plant the site with woody plants, trees or shrubs, at a density that insure a minimum of 50% of the site will be occupied with roots within 10 years. Planting of at least one large stature tree (e.g., one that will mature at approximately 60-70 feet in height) or 20 medium stature shrubs per 5,000 sq. ft, shall be considered to achieve

City of Rockville, Jone 2018.

Page 1 of 4

- Soil can be considered topsoil if it originates from an A horizon of a pateral soil or is a mineral soil with 4.6%% organic matter content, and a NRCS textural class similar to one development A horizon soils for the site, or as specified by the City Forestry Division. Blended soils shall not be used unless specified by the City Forestry Division...
- 3. Have an organic matter content between 4-6%. 4. Have low salinity as indicated by a soluble salt content which is less than 3 dS/mi

2. Nave a gH between 6-7:

- Be free of debris, stone, gravef, trash, large sticks, heavy metals, and other deleterious contaminants, (if screening is used to remove (lebris, screen size must be % inch or larger).
- 6. Have a nutrient profile such that it has an adequate rating, per current industry standards. 7. Be free of noxious weed seeds
- Compost shall be composed of leaves, yard waste, or food waste. Biosolid based composts shall not be used. A compost sample with analysis shall be submitted for approval to the City Forestry Division before application.
- Stability refers to the rate of biological breakdown, measured by carbon dioxide release. Maturity refers to ompleteness of the aerobic composting process and suitability (lack of plant toxicity) as a plant growth media, often measured by ammonia release and by plant growth tests. Compost manufacturers that subscribe to the US Composting Council's testing program may document stability as compost testing 7 or below in accordance with TMECC 05.08-8, "Carbon Dioxide Evalution Rate", Maturity (suitability for plant growth) may be documented as compost testing greater than 80% in accordance with TMECC 05.05-A, "Germination and Vigor", Compost is considered mature and stable if it tests at 6.0 or higher on the Solvita Compost Maturity Index Rating, which is a combination of Carbon Dioxide and Ammonia Maturity Tests (test information and equipment available at www.salvita.com)...
- Compost shall also: Free of weed seeds. Free of fleavy metals or other deleterious contaminants
- 3. Have a soluble salt content which is less than 3 dS/m.

www.urbanforestry.frec.vt.edu/SRES/specification.filml for full details.

Soil shall be considered severely disturbed if grade was lowered or raised more than 14 inches QR spit was: compacted in lifts regardless of the final grade CR was used as a staging area for construction materials, equipment or processes 4. SUBMITTALS

A soil map indicating soil areas to be protected and those to be restored via Soil Profile Rebailding shall be submitted. by the contractor for approval to the City Forestry Division before construction begins.

4,2 Compost A compost sample with analysis certifying it is stable, mature, from acceptable feedstocks and free of contaminants and weed seeds shall be submitted for approval to the City Forestry Division before compost is applied to the soil.

A topsoil sample with analysis from a certified testing taboratory and verification of source shall be submitted for approval to by the City Forestry Division before application, Separate documentation is required for each 100 cubic yards of topsoil unless otherwise approved by the City Forestry Division.

Use of this specification has been documented to increase tree canopy and soil carbon stores compared with typical practices. See www.urbanforestry.frec.yt.edu/SRES for more information: Soil Profile Rebuilding Specification by Susan Day et al. is licensed under a Creative Commons Attribution-NonCommercial 3.0 United States License, it may be used freely as is, or modified. However, use of the term "Soil Profile Rebuilding"

. The Permittee shall notify the City Forestry Inspector IN WRITING when the planting is complete and request a post planting Inspection. The inspection must include the Permittee, landscape contractor and Forestry Inspector. The maintenance and warranty period will not begin until the City Forestry Inspector lias accepted ALL plantings.

2. Trees will be inspected for plant quality and proper planting in accordance with City specifications and nursery standards. Once the maintenance period has begun, the applicant is responsible for maintaining plant health in accordance with the signed Warranty and Maintenance Agreement.

3. Routing inspections will be conducted throughout the warranty period and the applicant will be notified in writing when corrective measures are required. Failure to complete the corrective measures by the given date may result in fines being issued, permits revoked, extension of warranty period or other ponitive measures.

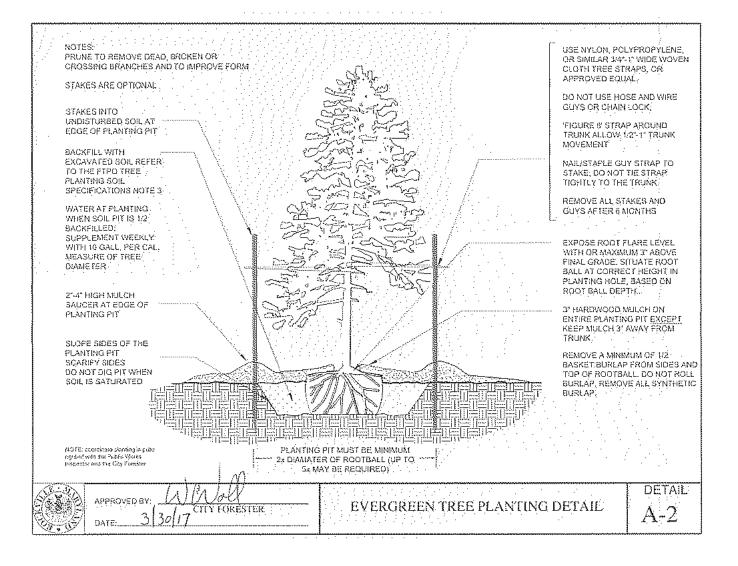
- 4. Such maintenance shall include when appropriate, but not necessarily be limited to: a. Weekly watering equal to 10 gallons per caliper measure of tree diameter, (ex. 2.5" caliper tree 425 gallons/week.) Decumented drenching natural rainfall may substitute for weekly watering:
- b. Control of competing vegetation throughout the maintenance period as necessary, c. Fertilizing, as required by soil analysis d. Pruning, mulching, tightening of strapping, resetting of plants to proper grades or upright position; e. Furnishing and applying pesticides or other items necessary to thwart damage from insects and disease: f. Providing protection measures such as fencing and interpretive signs, as necessary, to prevent destruction or
- degradation of the planting site; g. Replacement of dead and dying trees. Survival standards contained in the State Forest Conservation Manual shall be followed for the protection and satisfactory establishment of forest where applicable. h. Eradicate, suppress and control non-native and invasive plant species during the maintenance period to the satisfaction of the City Forestry Inspector. Installing and maintaining devices to protect against wildlife damage.

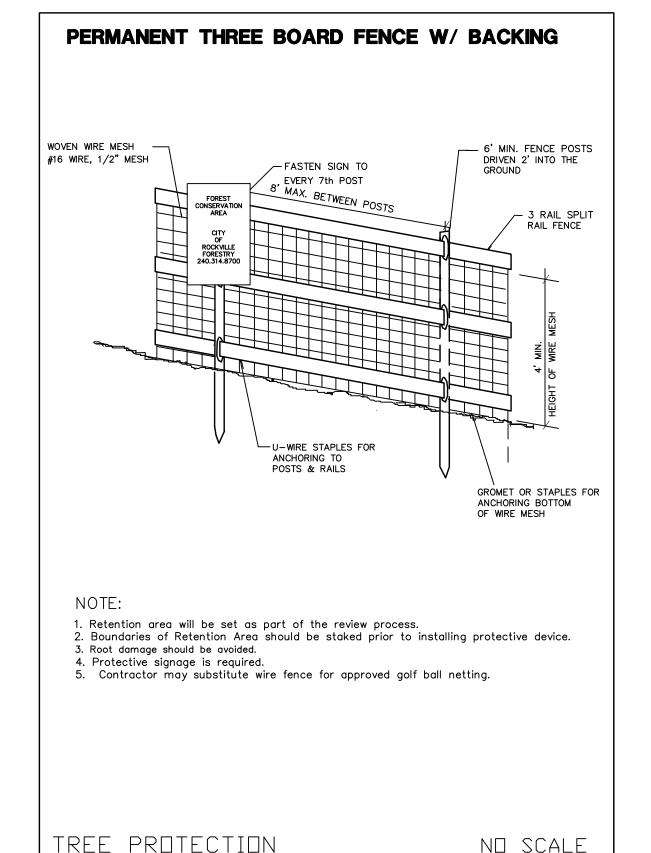
### J. Removal of staking and strapping after six months, or as directed by the Forestry Inspector: NON-NATIVE INVASIVE PLANT CONTROL:

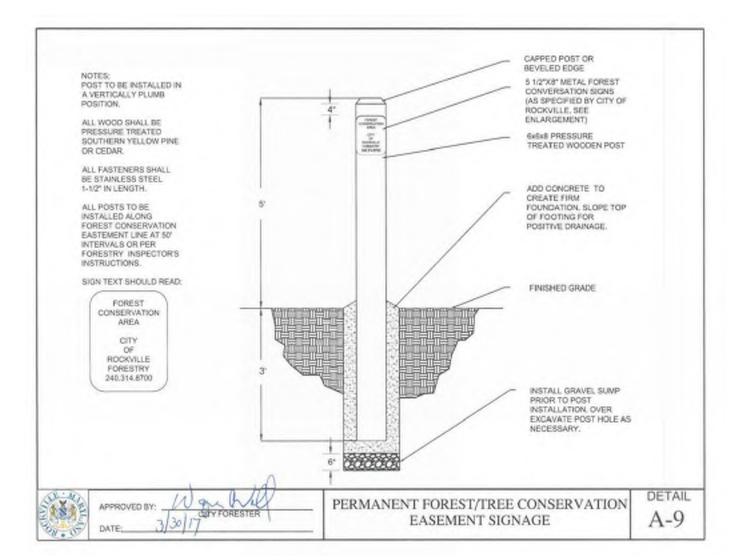
- The City of Rackville maintains a list of non-native and invasive plants for certain available on the City's website. The State of Maryland maintains a noxique weed list. The Permittee shall submit a Non-Native and Invasive Management Plan to the City Forestry Inspector for review and approval prior to the pre-planting meeting. Details to be included in the management
- a. Narrative and/or plan stating the location, type and amount of non-native and invasive plants present on the site. b. Proposed treatment measures and methods of control by plant type. Taning and frequency of treatments by plant type.
- d. Plan for seeding and/or re-planting following management/eradication treatment. e. Proposed signage type and locations for installing herbicide application notification signs. f. Copies of contractor certifications/pesticide licenses.
- 2. Contractor is responsible for complying with MDE, EPA and other government agency regulations as well as obtaining proper permits from these agencies as applicable. The Forestry inspector must be notified 48 hours in advance prior to

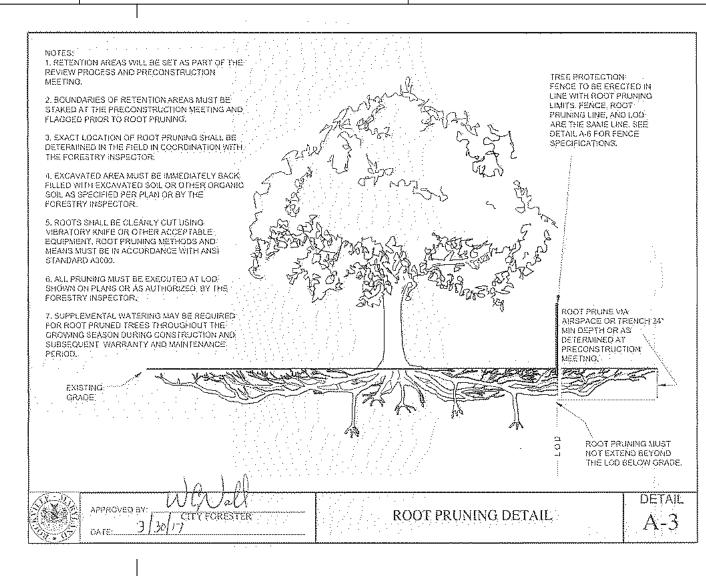
3. The Forestry Inspector will perform periodic inspections of the non-native and invasive treatments throughout the warranty and maintenance period. The applicant may be required to submit proof of treatment.

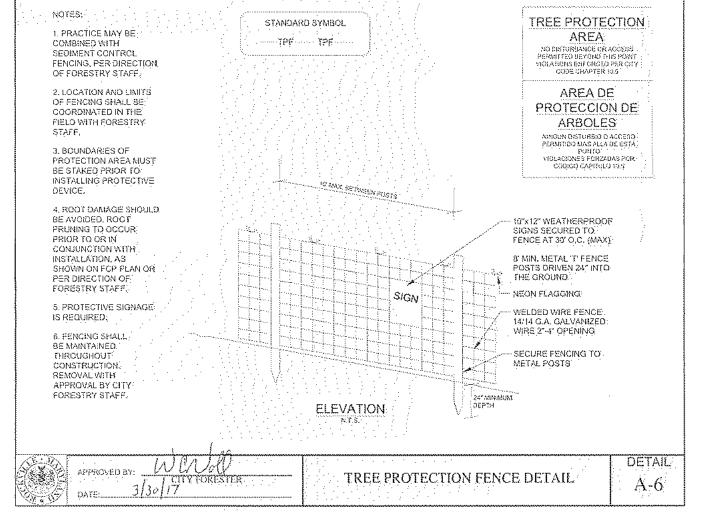
PRUNE TO REMOVE DEAD, BROKEN OR: OR SIMILAR 3/4"/1" WIDE WOVE CLOTH TREE STRAPS, OR CROSSING BRANCHES AND TO IMPROVE FORM. STAKES ARE OPTIONAL DO NOT USE HOSE AND WIRE UNDISTURBED SOIL A FIGURE 8' STRAP AROUND EDGE OF PLANTING PIT TRUNK ALLOW INSI-TO TRUNK MOVEMENT EXCAVATED SOIL REFER NAILISTAPLE GUY STRAP TO O THE FIPO TREE STAKE: DO NOT TIE STRÂF PLANTING SOIL SPECIFICATIONS NOTE 3 REMOVE ALL STAKES AND WATER AT PLANTING GUYS AFTER 6 MONTHS WHEN SOIL PIT IS 1/2 SUPPLEMENT WEEKLY WITH 10 GALL, PER CAL, MEASURE OF TREE: EXPOSE ROOT FLARE LEVEL FINAL GRADE, SITUATE ROO DIAMETER: BALL AT CORRECT HEIGHT IN PLANTING HOLE, BASED ON ROOT BALL DEPTH.: 2"-4" HIGH MULCH AUCER AT EDGE OF PLANTING PIE: ENTIRE PLANTING PIT EXCES KEEP MULCH IT AWAY FROM SLOPE SIDES OF THE PLANTING PIT REMOVE A MINIMUM OF 1/2: SCARIFY SIDES! DO NOT DIG PIT WHEN SOIL IS SATURATED TOP OF ROOTBALL, DO NOT ROU BURLAP, REMOVE ALL SYNTHETIC PLANTING PIT MUST BE MINIMUM - 2x DIAMATER OF ROOTBALL (UP TO -tix MAY BE REQUIRED) DETAIL SHADE TREE PLANTING DETAIL

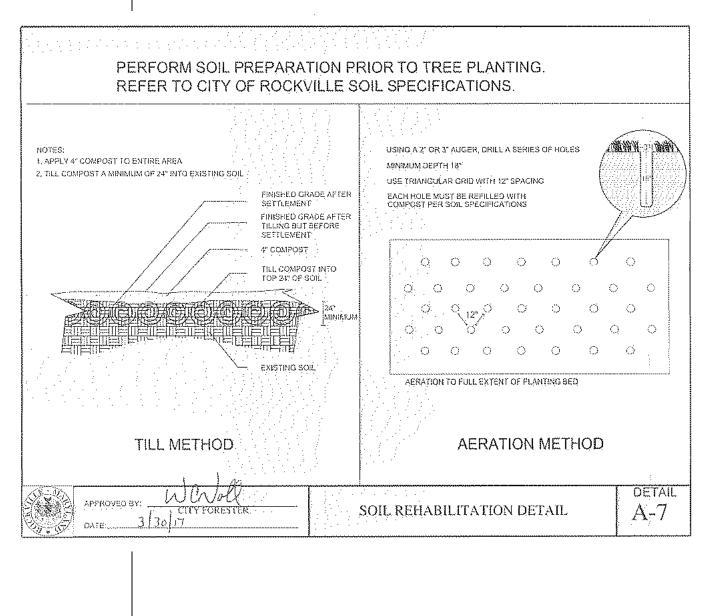




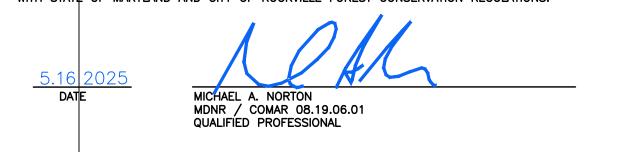


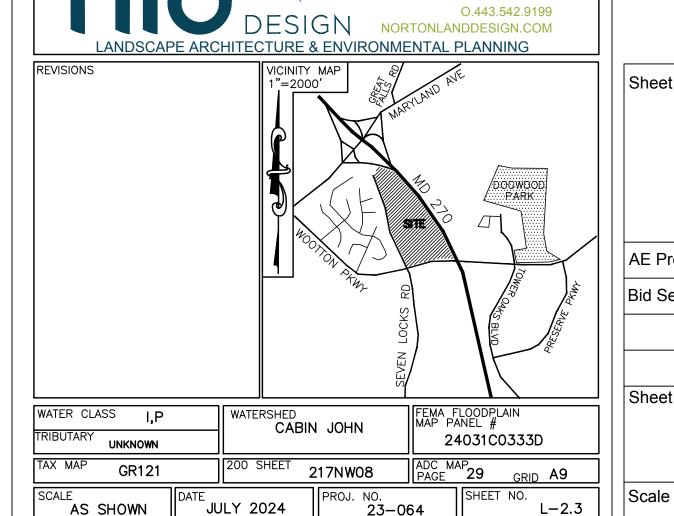






# CERTIFICATION OF QUALIFIED PROFESSIONAL I HEREBY CERTIFY THAT THE PLAN SHOWN HEREON HAS BEEN PREPARED IN ACCORDANCE WITH STATE OF MARYLAND AND CITY OF ROCKVILLE FOREST CONSERVATION REGULATIONS.





ELLICOTT CITY, MD 21042



Division of Building Design & Construction 101 Monroe Street, Rockville, Maryland 20850 11th Floor

County Project Number: 0470301

RFP/IFB # 1150676

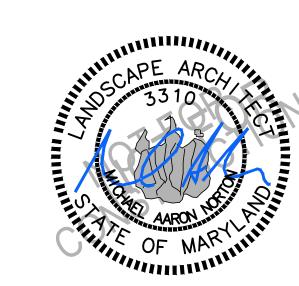
Interior Design Landscape Architecture

1054 31st Street NW Canal Square Suite 410 Washington, DC 202.595.3173

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Professional Seal:

Engineering



No.	Date	Description		
	05/16/2024	SCHEMATIC DESIGN		
	10/31/2024	100% DESIGN DEVELOPMENT		
	04/28/2025	75% CONSTRUCTION DOCUMENTS		

Sheet Title: **FOREST CONSERVATION** NOTES & DETAILS

2000.01 AE Project Number 08/16/2024 Bid Set Date

Sheet Number

**AS SHOWN** 

Community Planning & Development Services

May 30, 2025

- 1. The Permittee is responsible for obtaining the approved Landscape Plan and providing a copy to the Landscape Contractor. The Permittee shall ensure that the Landscape Contractor can secure the plants shown on the Landscape Plan. Plant substitutions are not allowed. It is strongly recommended that plant material be secured from supplier by the project start
- 2. A pre-planting meeting is required before installation of landscaping. The applicant must schedule an on-site pre-planting meeting with the City Forestry Inspector. Attendees must include the Permittee, landscape contractor, and Forestry Inspector. Trees and shrubs shall conform to the current edition of the American Standard for Nursery Stock (ANSI Z60.1).
- 3. Comply with appropriate City Soil Specification:

INSTALLATION OF PLANT MATERIAL

- I. Soil Specification FOR TREE PLANTING WHERE EXISTING PAVEMENT OR OTHER IMPERVIOUS SURFACES WERE PREVIOUSLY LOCATED OR WHERE EXISTING GREENSPACE HAS BEEN SEVERELY DEGRADED<sup>1</sup>
- Site preparation a. Demolish existing impervious surface and remove all existing asphalt, concrete, stone and construction
- materials to expose subsoil free of debris. b. Excavate so that final planting bed will provide quality soil to a depth of forty-eight (48) inches, and to a
- radius of 10' minimum or to new hard edge of planting bed, whichever is less.
- c. Loosen exposed subsoil below 48" by ripping 18" into the sub grade elevation. d. Test to ensure that planting bed drains at a rate of at least 1 inch/per hour. e. Install imported soil to fill excavated planting bed. Imported soil shall consist of 50% top soil1, 40%
- compatible with healthy growth. When installing the soil, it should be installed in lifts or layers of < 12 inches (30 cm), tamping or watering (not both) between lifts to minimize potential settling. 2. Immediately prior to installation of plant material, the soil must be tested and must have a pH range between 6 and 7 and a nutrient content which corresponds to an adequate rating, per current industry

coarse washed sand, and 10% mature2 compost, by volume, and have a chemical composition

- standards. Amend soil, if necessary to achieve the current industry standard. 3. The Forestry Inspector may require additional soil specifications, based on site conditions.
- II. Soil Specification FOR PLANTING WHERE EXISTING GREEN SPACE HAS NOT BEEN PROTECTED FROM CONSTRUCTION IMPACTS BUT IS NOT SEVERELY DEGRADED.
  - 1. Site Preparation: a. Remove all construction debris and top four to six inches of existing soil.
  - b. Test remaining existing soil to verify a pH range between 6 and 7, and has a nutrient content which
  - corresponds to an adequate rating, per current industry standards. c. Apply four (4) inches of mature compost evenly over the entire planting surface. Provide compost supplier information and specifications to the City Forestry Inspector for approval prior to install. (4" =
  - 12 c.y. p/1,000s.f.) d. Till the compost into the existing soil to a minimum depth of thirty-six (36) inches for trees, using the city's soil profile rebuilding specification. Depth to eighteen (18) inches for shrubs; twelve (12) inches
  - for herbaceous groundcover, and to eight (8) inches for lawn. e. If soil does not meet nutrient standards, mitigate soil chemistry to meet the chemical parameters.

<sup>1</sup>See definitions section of *City Soil Profile Rebuilding Specification* <sup>2</sup> See definitions section of *City Soil Profile Rebuilding Specification* <sup>3</sup> See definitions section of *City Soil Profile Rebuilding Specification* 

See definitions section of City Soil Profile Rebuilding Specification
 See definitions section of City Soil Profile Rebuilding Specification

2. The Forestry Inspector may require additional soil specifications, based on site conditions.

- Soil Specification FOR PLANTING WITHIN EXISTING GREEN SPACE AREAS WHICH HAVE BEEN PROTECTED FROM CONSTRUCTION IMPACTS (One of two options, as determined by Forestry Inspector) Refer to approved City of
  - Rockville Detail A-7 1. Test existing soil to verify it has a pH range between 6 and 7, and a nutrient content which corresponds to an adequate rating, per current industry standards. If soil does not meet nutrient standards, one of two options will be performed to mitigate the soil:
  - a. Option 1- Till Method- Depth of tilling for planting must be at least twenty-four (24) inches: i. Apply four (4) inches of mature compost evenly over the entire planting surface. Provide compost supplier information and specifications to the City Forestry Inspector for approval prior to install. (4'' = 12 c.y. p/1,000s.f.)
  - ii. Till the compost into the existing soil to a minimum depth of twenty-four (24") inches. b. Option 2 – Aeration and Vertical Mulching
  - i. Using a 2-3" Auger, drill a series of holes in the soil to a depth of twenty-four (24) inches. ii. Begin at the edge of the hole dug for the root ball, and continue drilling at one-foot intervals (maximum), in concentric rings around the tree out to ten (10) feet from the tree, or two and a half (2.5) feet for shrubs, and for the entire bed of herbaceous groundcover. Aerate/vertical mulch to eight (8) inches for lawn areas.
  - iii. Each hole must be refilled with mature compost. c. The Forestry Inspector may require additional soil specifications, based on site conditions.
- IV. Soil testing of the existing soil may be conducted with PRIOR approval from the City's Forestry Inspector to determine the number and location of the samples. The above requirements may be reduced if soil testing shows the following:
- 1. Soil pH is between 5.5 and 7
- 2. The top 24" of existing soil contains a minimum of 4-6% organic matter by weight
- **3.** The soil is free of contaminants
- 4. The soil texture is sandy loam or loam 5. The soil has an infiltration rate not less than 1" per hour
- 6. The soil does not contain debris or stones greater than one inch
- 7. The soluble salt content is less than 3 dS/m 8. Consult the University of Maryland Extension website: http://extension.umd.edu/ for a listing of commercial soil testing facilities.
- V. Soil preparation is required for street trees planted within the city's rights-of-way and private street trees, if they are part of the approved plan.
- 4. The depths and grades shown on plan drawings are final grades after settlement and shrinkage of the organic material. The contractor shall install the soil mix at a higher level to anticipate this reduction of volume. Lawn areas shall be installed one (1) inch higher than the design grades. Soil media under paved surfaces shall be installed on half (0.5) inch higher than the design grades. All grade increases are assumed to be as measured to be prior to the addition of any surface compost till layer or mulch or sod.
- 5. All details of the planting plans regarding plant quality and proper planting will be discussed including but not limited to:
  - a. Plant quality.
  - b. Proper form for species.
- c. Proper ratio of caliper size/height to container size/root ball size. d. Proper pruning cuts if applicable in accordance with current ANSI A300 pruning standards (generally there should
- be no recent pruning).
- e. No co-dominant stems or multiple trunks (unless approved by FCP or by The Forestry Inspector).
- f. Sound graft union.
- g. Free of girdling roots, or the ability to remove girdling roots without damaging the tree.
- h. Trees shall be healthy, vigorous, insect/disease free, and without cankers/cracks or trunk damage.

6. Proper Installation

rejection of the plant material.

d. All burlap or twine removed completely.

g. Mulched properly, per City planting detail.

e. No hose and wire; staking and strapping per City planting detail.

Warranties for bonded plant material will not commence during these periods.

h. Wildlife protection installed, if required; type approved by the Forestry Inspector.

prepared per the city's specifications (Planting, #3).

a. Root flare no higher than three (3) inches from existing grade.

b. Exposed root flare (not graft); removing more than several inches of soil to expose the root flare may result in the

f. Planting Hole a minimum of twice the width of the root ball; could be greater. Planting detail assumes soil has been

OVERALL SITE PLAN

c. Wire baskets/twine/burlap removed from at least the top half of root ball, or as directed by Forestry Inspector.

7. Plant material not complying with the above requirements may be rejected at the discretion of the City Forestry Inspector

8. Tree planting will generally not be permitted between the dates of June 1 and September 1, or when the ground is frozen.

Community Planning & Development Services Received May 30, 2025

Owner:

Montgomery County Maryland Department of General Services Division of Building Design & Construction

101 Monroe Street, Rockville, Maryland 20850 11th Floor County Project Number: 0470301

RFP/IFB # 1150676

Architecture Interior Design Landscape Architecture Engineering

1054 31st Street NW Canal Square Suite 410 Washington, DC 202.595.3173

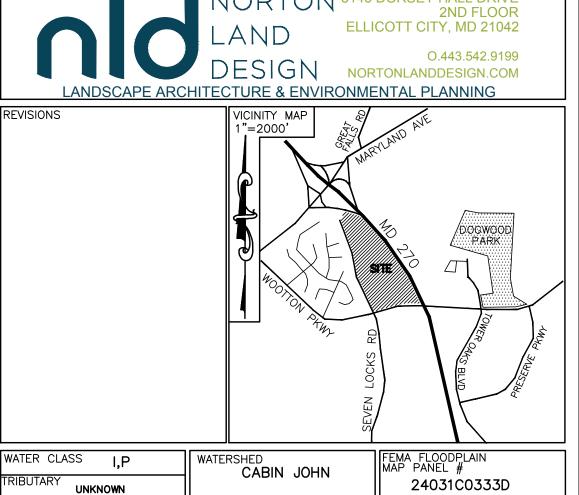
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Professional Seal:



No.	Date	Description		
	05/16/2024	SCHEMATIC DESIGN		
	10/31/2024	100% DESIGN DEVELOPMENT		
	04/25/2025	75% CONSTRUCTION DOCUMENTS		

1 inch = 100 ft.



Sheet Title: **OVERALL** LANDSCAPE PLANTING PLAN

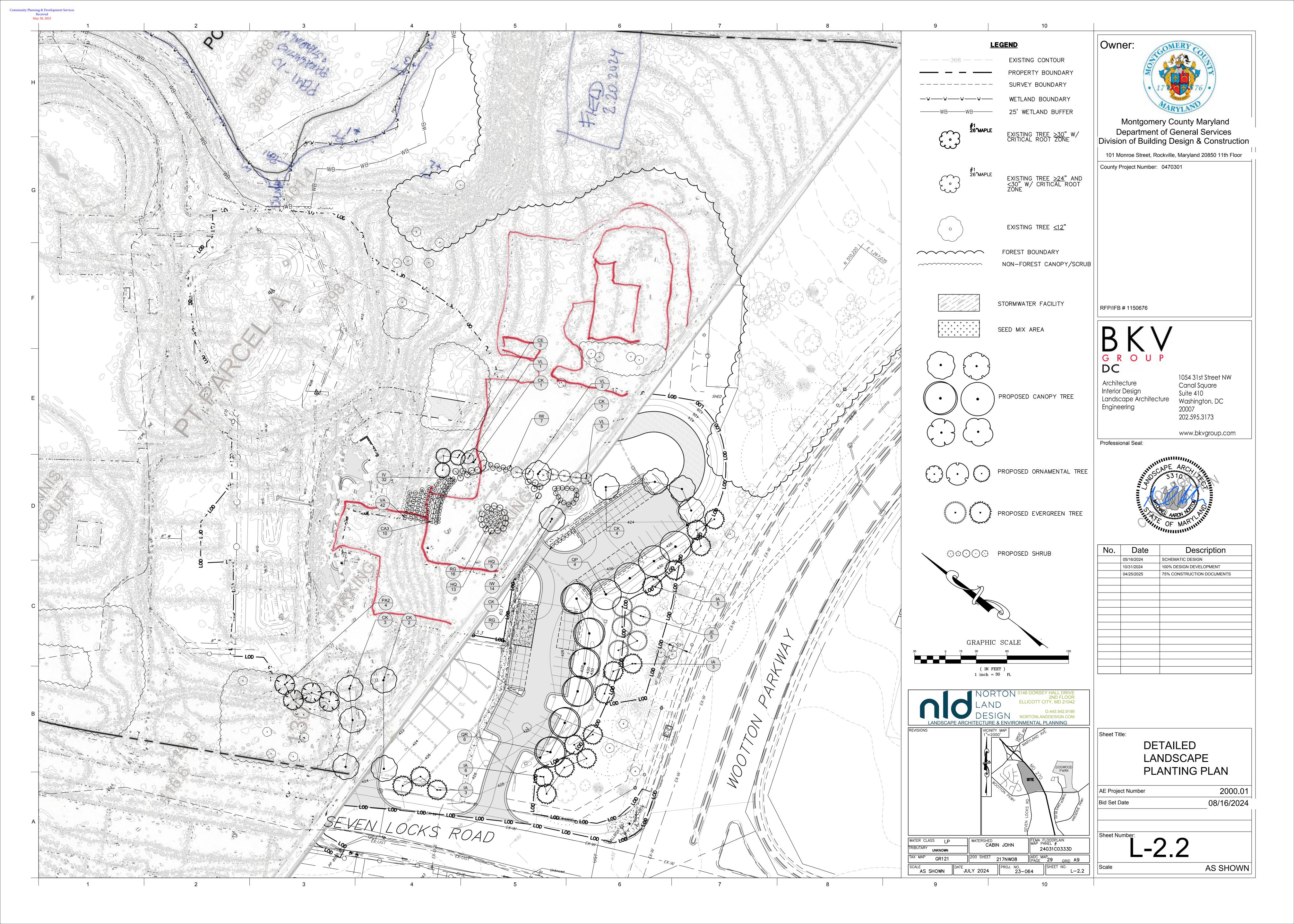
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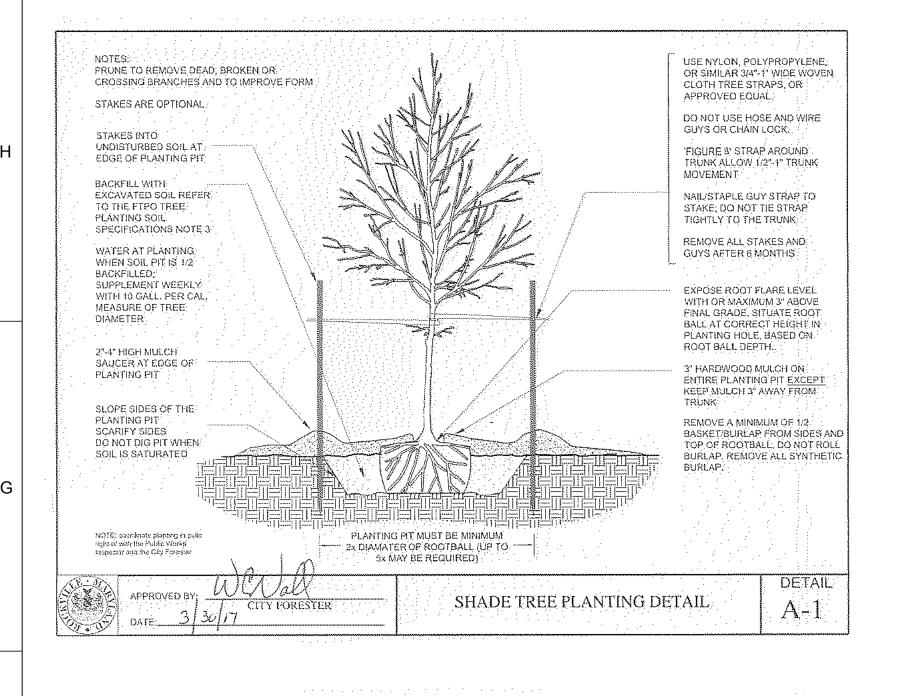
**AS SHOWN** 

MD ROUTE 270 SEE SHEET DETAILED STUDY AREA L-2.2

JULY 2024 AS SHOWN

217NW08





USE NYLON, POLYPROPYLENE, OR SIMILAR 3/4"-1" WIDE WOVEN CLOTH TREE STRAPS, OR

DO NOT USE HOSE AND WIRE GUYS OR CHAIN LOCK.

'FIGURE 8' STRAP AROUND TRUNK ALLOW 1/2"-1" TRUNK MOVEMENT

NAIL/STAPLE GUY STRAP TO STAKE, DO NOT TIE STRAP

TIGHTLY TO THE TRUNK!

REMOVE ALL STAKES AND

GUYS AFTER 6 MONTHS

EXPOSE ROOT FLARE LEVEL

WITH OR MAXIMUM 3" ABOVE FINAL GRADE: SITUATE ROOT

BALL AT CORRECT HEIGHT IN PLANTING HOLE, BASED ON ROOT BALL DEPTH...

3" HARDWOOD MULCH ON

ENTIRE PLANTING PIT EXCEPT KEEP MULCH 3" AWAY FROM TRUNK

BASKET/BURLAP FROM SIDES AND

DETAIL

A-2

APPROVED BY: U CITY FORESTER.

DATE: 3 30 17

TOP OF ROOTBALL, DO NOT ROLL BURLAP, REMOVE ALL SYNTHETIC BURLAP:

INSTALLATION

APPROVED EQUAL,

NOTES: PRUNE TO REMOVE DEAD, BROKEN OR: CROSSING BRANCHES AND TO IMPROVE FORM

STAKES ARE OPTIONAL.

UNDISTURBED SOIL AT ---EDGE OF PLANTING PIT

SPECIFICATIONS NOTE 3

WATER AT PLANTING

WHEN SOIL PIT IS 1/2 SUPPLEMENT WEEKLY

WITH 10 GALL, PER CAL, MEASURE OF TREE

2"-4" HIGH MULCH SAUCER AT EDGE OF

SLOPE SIDES OF THE

SCARIFY SIDES: DO NOT DIG PIT WHEN SOIL IS SATURATED

NO (E: coordinate planting in pulic agrit of with the Public Works becomes and the City Pomeses

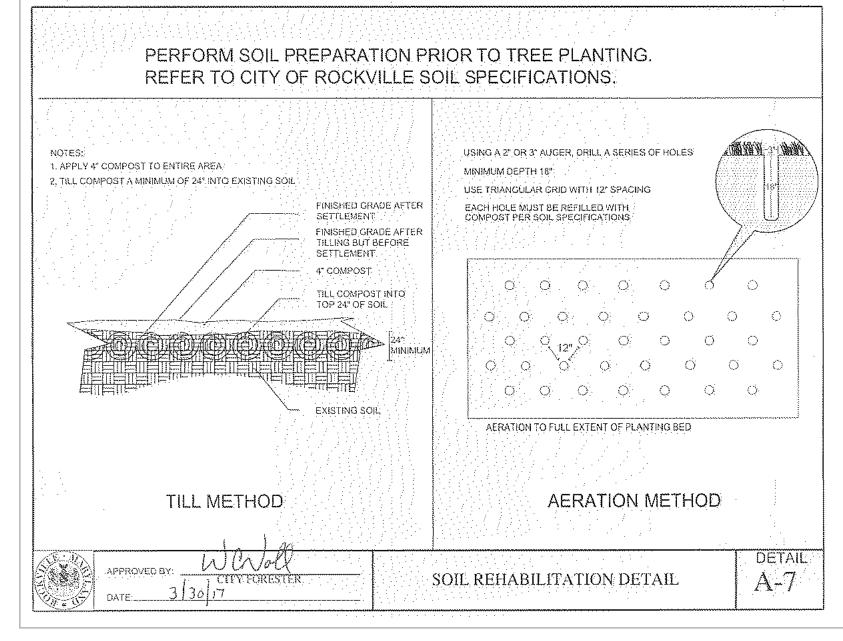
PLANTING PIT

DIAMETER.

STAKES INTO

BACKFILL WITH EXCAVATED SOIL REFER TO THE FTPO TREE

PLANTING SOIL



DATE: 3/30/17	SOIL REHABILITATION DETAIL A-/
USING A 2' OR 3' AUGER, DRILL A SERIES OF HOLES IN THE SOIL TO A DEPTH OF 18 INCHES.  BEGIN AT THE EDGE OF THE STRUCTURAL ROOT ZONE (*), DRILL HOLES IN CONCENTRIC CIRCLES AT 12-24 INCH INTERVALS; AS DIRECTED BY PORESTRY STAFF, AERATION MUST EXTEND AT LEAST 10' FROM STARTING POINT.  EACH HOLE MUST BE REFILLED WITH COMPOST, PER SOIL SPECIFICATIONS,  A TREE-CARE SPECIALIST MAY RECOMMEND ALTERNATIVE METHODS SUCH AS SOIL INJECTIONS OF AIR OR PRESSURIZED WATER, RADIAL TRENCHING, OR OTHERS, TO IMPROVE SOIL AERATION.  (*) CONSULT AN ISA CERTIFIED ARBORIST TO DETERMINE THE EXTENT OF THE STRUCTURAL ROOT ZONE:	ESTABLISHED TREE (SIZE VARIES)

ESTABLISHED TREE SOIL AERATION DETAIL

A-8

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	<u>QTY</u>	DETAIL	REN
TREES .	PA2	Picea abies / Norway Spruce	7' Ht.	B&B	4		
CANOPY	CK	Cladrastis kentukea / American Yellowwood	2" Cal.	В&В	12		
$\bigcirc$	QP	Quercus phellos / Willow Oak	2" Cal.	В&В	4		
$\bigcirc$	QR	Quercus rubra / Northern Red Oak	2" Cal.	B&B	6		
VERGRE	EN TREE	<u>ES</u>					
A CONTRACTOR OF THE PROPERTY O	IA	llex opaca / American Holly	7 gal.	В&В	17		
00000000000000000000000000000000000000	JE	Juniperus virginiana / Eastern Redcedar	7' Ht.	B&B	5		
ORNAME!	NTAL TRE	<u>EES</u>					
£.,	CE	Cercis canadensis / Eastern Redbud	2" Cal.	В&В	3		
SHRUBS							
	CA3	Clethra alnifolia / Summersweet	5 gal.	Cont.	10		
	HQ	Hydrangea quercifolia / Oakleaf Hydrangea	3' Ht.	Cont.	24		
3) • }	IW	llex verticillata / Winterberry	3 gal.	В&В	21		
	IV	Itea virginica 'Henry's Garnet' / Henry's Garnet Sweetspire	3 gal.	В&В	31		
$\langle \cdot \rangle$	RG	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	3 gal.	В&В	23		
+	VA	Viburnum dentatum / Viburnum	3' Ht.	Cont.	43		
{+}	VL	Viburnum rhytidophyllum / Leatherleaf Viburnum	4' Ht.	B&B	9		





Montgomery County Maryland Department of General Services Division of Building Design & Construction

101 Monroe Street, Rockville, Maryland 20850 11th Floor County Project Number: 0470301

RFP/IFB # 1150676



Architecture Interior Design Landscape Architecture Engineering

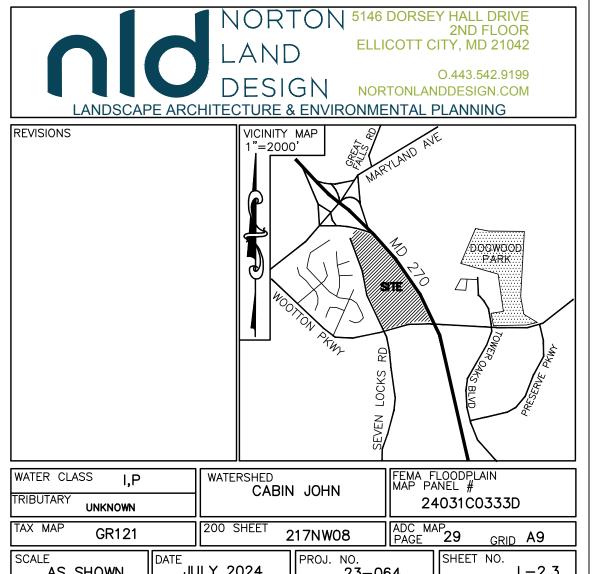
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Professional Seal:



No.	Date	Description	
	05/16/2024	SCHEMATIC DESIGN	
	10/31/2024	100% DESIGN DEVELOPMENT	
	04/25/2025	75% CONSTRUCTION DOCUMENTS	



Sheet Title: LANDSCAPE PLANTING NOTES & DETAILS

2000.01 AE Project Number 08/16/2024 Bid Set Date

AS SHOWN

A control of the cont	SECURE WITH MINIMUM 3 TIE-OFF LOCATIONS	42" minimum height	ROCKVILLE DETAIL A-TA SPECIFICA Z, PLACE TI AROUND TI 3, SEQURE WITH A MIN THREE TIES 4, MATERIA PROTECTIC INCLUDE: MADE FROM PLASTIC OF 5, CONSUL' FOR ADDIT INFORMATI REQUIRED; NOTE; WIRE TO 48" IN DI	ONS: REE GITO CITY OF SISTANDARD  A-2 TION. HE SHELTER HE TREE: PROTECTION NAMM OF SISTANDARD  ALS FOR DN MAY MESH CAGE M WIRE; R WOOD; T FORESTRY: IONAL; ION IF  CAGES UP IAMETER MAY ED IN AREAS; Y DEER R BEAVER; NS, PER
APPROVES	18Y: Wall	SEE NEW PLANTING DETAIL: A-1/A-2  DEED DITE	PROTECTION DETAIL	DETAIL
DATE:	3/30/17 CITY TORESTER	DELIX NOD I	inornorion burnus	A-5

PLANTING PIT MUST BE MINIMUM

2x DIAMATER OF ROOTBALL (UP TO ......

EVERGREEN TREE PLANTING DETAIL

TRIBUTARY UNKNOWN Scale L-2.3