4.1 SUBMISSION

# 2480 S GLEBE ROAD

# RESIDENTIAL DEVELOPMENT

ARLINGTON, VA 22206

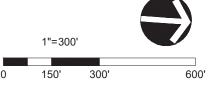
DATE: 11/01/2024

### SHEET LIST

Sheet Number	Sheet Title	4.1 SUBMISSION 04	4.1 SUBMISSION 05
L000	COVER SHEET		•
L100	MATERIALS PLAN	•	•
L200	LANDSCAPE PLAN	•	•
L210	LANDSCAPE COMPLIANCE PLAN	•	•
L220	SOILS PLAN	•	•
L300	DETAILS - HARDSCAPE	•	•
L301	DETAILS - FURNISHINGS	•	•
L400	PLANTING DETAILS	•	•
L401	PLANTING DETAILS	•	•
L500	RENDERED LANDSCAPE PLAN	•	•
L600	PERSPECTIVE VIEWS - BIRD'S EYE VIEW		•
L610	PERSPECTIVE VIEWS - DIAGRAMS		•
L620	PERSPECTIVE VIEWS		•
L621	PERSPECTIVE VIEWS		•

## **VICINITY MAP**





## **PROJECT TEAM**

#### OWNER/DEVELOPER

CC ROCK ARLINGTON OWNER, LLC 601 S. TRYON ST. SUITE 800 CHARLOTTE, NC 28202 609.338.7169 CONTACT: MATT BAILEY

#### **ATTORNEY**

VENABLE LLP
1850 TOWER CRESCENT PLAZA
SUITE 400
TYSONS, VA 22181
703.905.1514
CONTACT: KEDRICK WHITMORE

#### LANDSCAPE ARCHITECT

LANDDESIGN
200 S. PEYTON STREET
ALEXANDRIA, VA 22314
703.549.7784
CONTACT NAME: KHRISTINE GIANGRANDI

#### **CIVIL ENGINEER**

BOHLER DC 1331 PENNSYLVANIA AVE NW, SUITE 1250 WASHINGTON, DC 200004 202.524.5700 CONTACT NAME: CARLOS MENDIA

#### **ARCHITECT**

HORD COPLAN MACHT, INC 700 E. PRATT ST, SUITE 1200 BALTIMORE, MD 21202 433.451.2486 CONTACT NAME: SEAN KEFFERSTAN

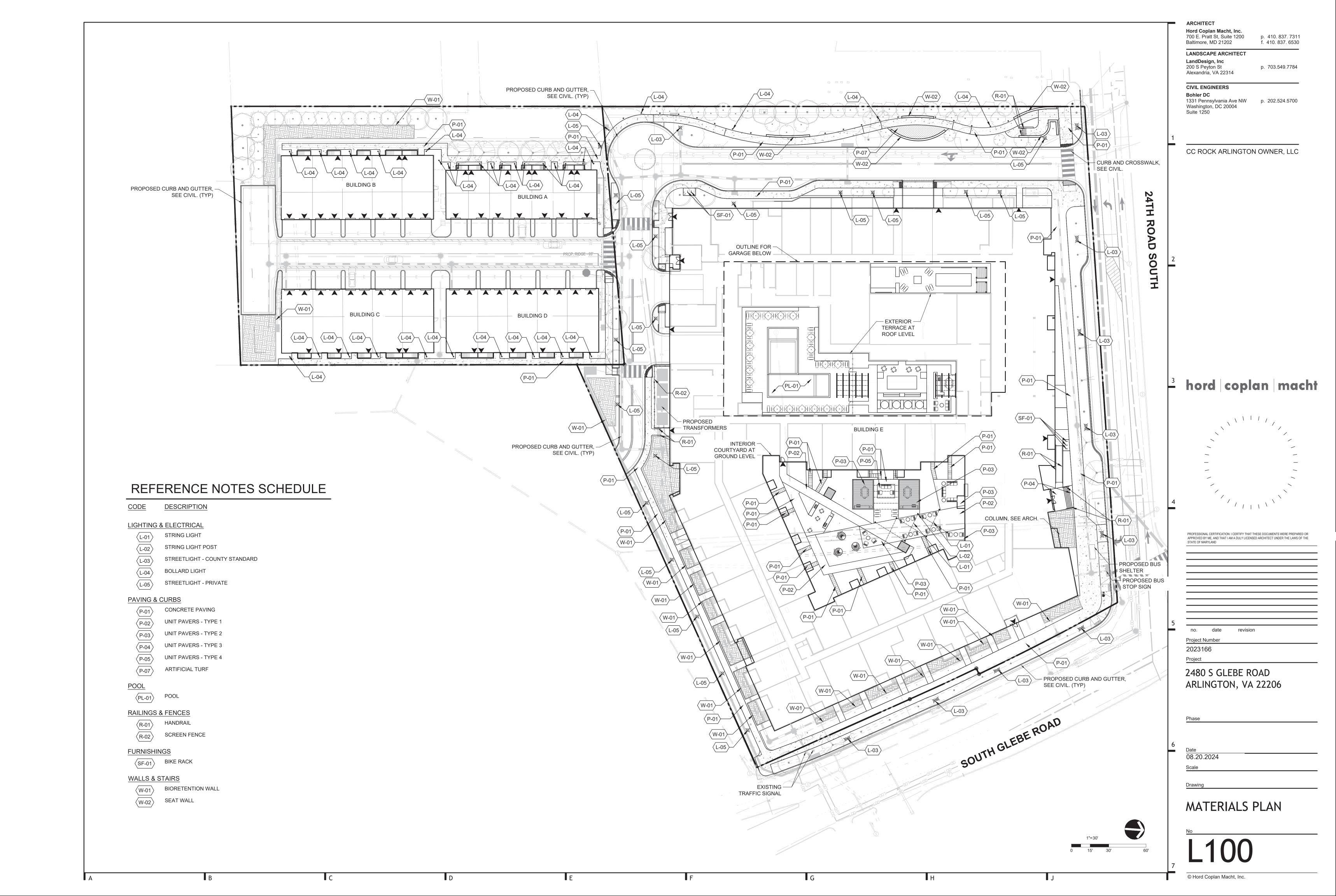
#### TRAFFIC CONSULTANT

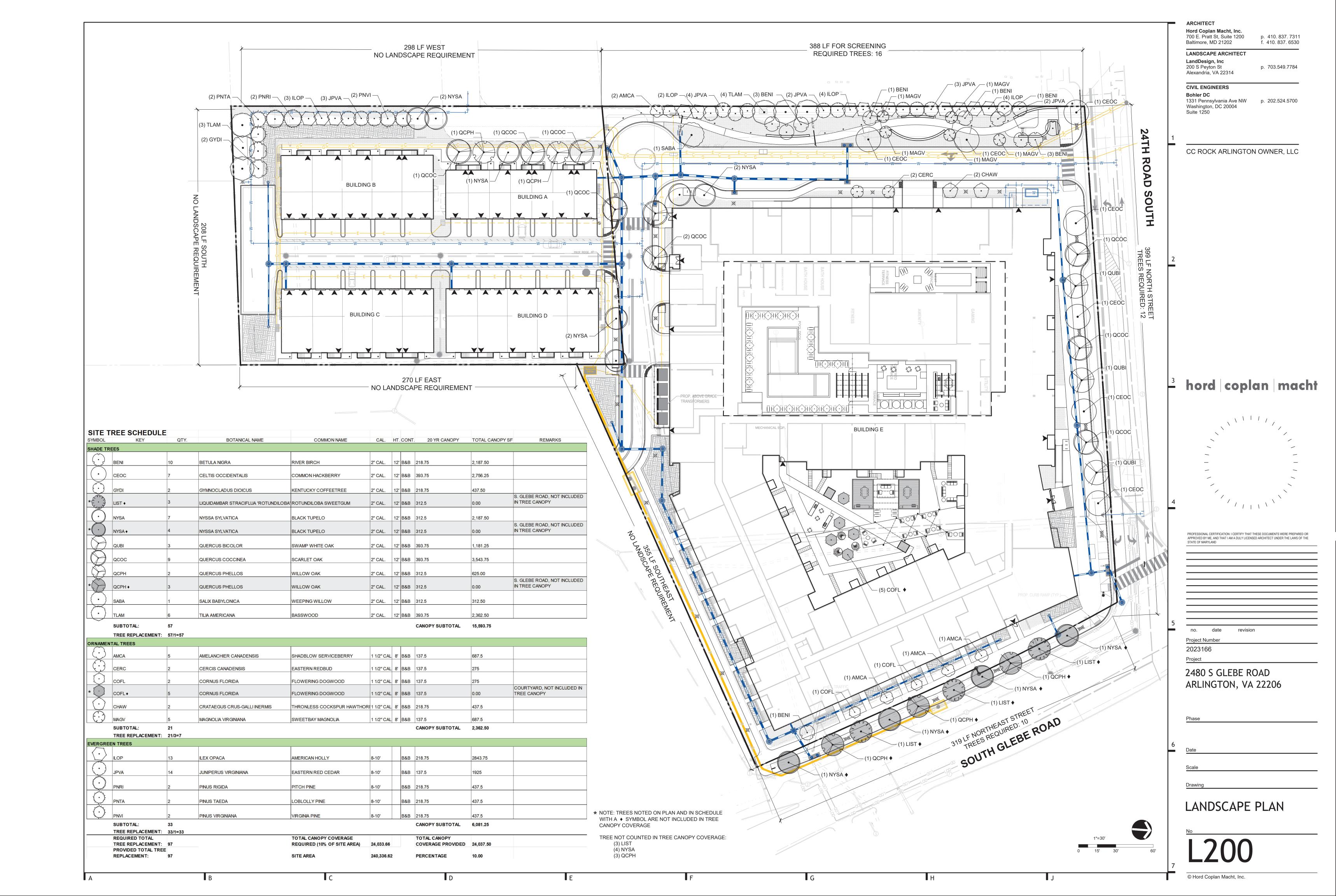
GOROVE SLADE
225 REINEKERS LANE
SUITE 750
ALEXANDRIA, VA 22314
202.296.8627
CONTACT NAME: FELICE BRYCHTA

2480 S GLEBE ROAD LD PN 2023166

COVER SHEET

LandDesign.





	A									
SITE LANDSCAPE REQUIREMENTS										
ARLINGTON COUNTY LANDSCAPE STANDARDS SECTION 14.2.2.B.1										
ADJACENT ROAD	NAME AND TYPE	SOUTH GLEBE ROAD - VA - 120E								
TOTAL LIN	EAR FEET	319 LF								
STREET TREE	REQUIREMENT	1 CANOPY TREE PER 30 LF OF PROPERTY LINE ABUTTING ROW								
PLANT TYPE	PLANT TYPE REQUIREMENT		PROPOSED	TOTAL PROVIDED						
DECIDUOUS CANOPY TREES	1/35 LF X 319 = 10		10	10						

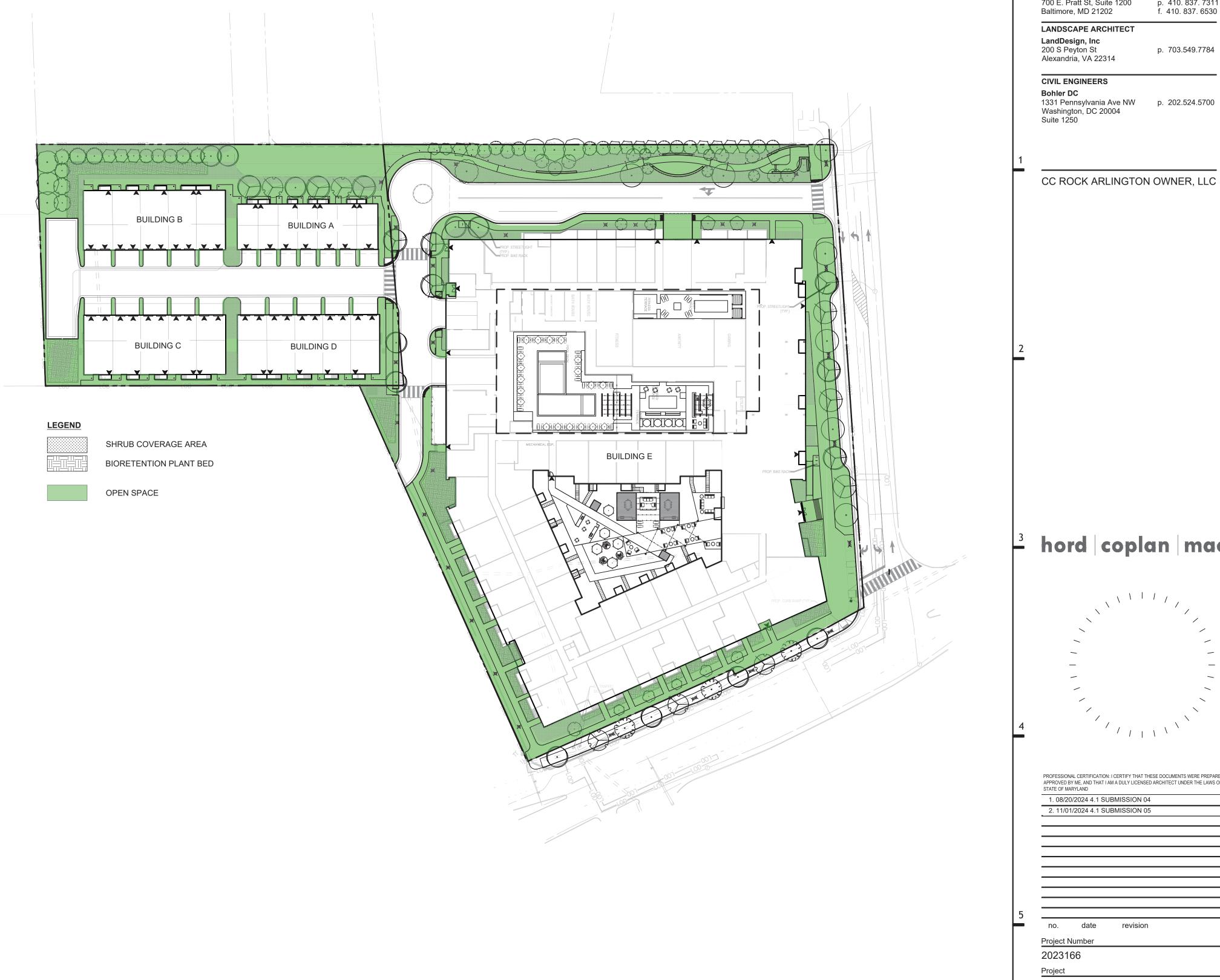
В											
SITE LANDSCAPE REQUIREMENTS											
ARLINGTON COUNTY LANDSCAPE STANDARDS SECTION 14.2.2.B.1											
ADJACENT ROAD	NAME AND TYPE	24TH ROAD SOUTH - CR - 6720E									
TOTAL LIN	EAR FEET	399 LF									
STREET TREE	REQUIREMENT	1 CANOPY TREE PER 30 LF OF PROPERTY LINE ABUTTING ROW									
PLANT TYPE	REQUIREMENT	EXISTING	PROPOSED	TOTAL PROVIDED							
DECIDUOUS CANOPY TREES	1/35 LF X 399 = 12	0	12	12							

	SCREENING REQUIREMENTS											
ARLINGTON COUNTY LANDSCAPE STANDARDS SECTION 14.2.4.E												
ADJACENT ROAD	NAME AND TYPE	LOMAX AME ZION CHURCH - PARCEL ID 31-034-023										
TOTAL LIN	EAR FEET	388 LF										
DESCR	IPTION	REQUIRED	REQUIRED PROVIDED									
BUFFER	RWIDTH	N/A	N/A 35' WIDE									
PLANT TYPE	PLANT TYPE REQUIREMENT		PROPOSED	TOTAL PROVIDED								
TREE	TREE 1/25 LF X 388 = 16		24	24								
TOTAL	16	0	24	24								

TREE CANOPY TABLE								
CHESAPEAKE BAY PRESERVATION ORDINANCE SECTION 61-10.C.1								
PROPOSED LAND USE	RESIDENTIAL 20 UNITS PER AC							
TOTAL SITE AREA	240,336.62 SF							
20 YEAR CANOPY REQUIREMENT	240,366.62 X <b>10</b> % = 24,036.66 SF							
	CANOPY PROVIDED							
EXISTING TREE PRESERVATION CANOPY AREA	0 SF							
PROPOSED CANOPY FROM LANDSCAPING	24,037.50 SF							
TOTAL 20 YEAR CANOPY PROVIDED	24,037.50 SF (10.00%)							
METROPOLITAN GOVERNMENTS(MWCOG)								
RECOMMENDATION TREE CANOPY GOAL FOR	35% OF TOTAL SF							
RESIDENTIAL HIGH								
ALL TREE CANOPY								
(INCLUDING COURTYARD AND STREET TREE	27,875.00 SF (11.59%)							
PLANTINGS)								
ALL TREE CANOPY (INCLUDING COURTYARD AND STREET TREE	27,875.00 SF (11.59%)							

SHRUB COVERAGE CALCULATION								
ARLINGTON COUNTY ZONING PER CHAPTER 14.2.2 LANDSCAPING								
SHRUB COVER REQUIREMENT	25%							
LANDSCAPED AREA ON SITE	50,244.89 SF							
REQUIRED MINIMUM SHRUB COVERAGE	12,561.22 SF							
SH	RUB COVERAGE PROVIDED							
PROPOSED SHRUB COVERAGE	17,614.38 SF							
PROPOSED SHRUB COVERAGE PERCENTAGE	35.06%							

OPEN SPACE CALCULATION								
ARLINGTON COUNTY, VA ZONING ORDINANCE PER CHAPTER 7.3.4D								
OPEN SPACE REQUIREMENT	10%							
TOTAL SITE AREA	240,336.62 SF							
REQUIRED MINIMUM OPEN SPACE	24,036.66 SF							
	OPEN SPACE PROVIDED							
PROPOSED OPEN SPACE	63,943.15 SF							
PROPOSED OPEN SPACE PERCENTAGE	26.60%							



G

ARCHITECT

Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200 p. 410.837.7311 Baltimore, MD 21202 f. 410. 837. 6530

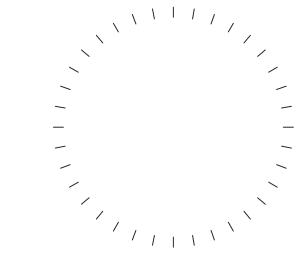
LANDSCAPE ARCHITECT

p. 703.549.7784

**CIVIL ENGINEERS** 

CC ROCK ARLINGTON OWNER, LLC

hord coplan macht



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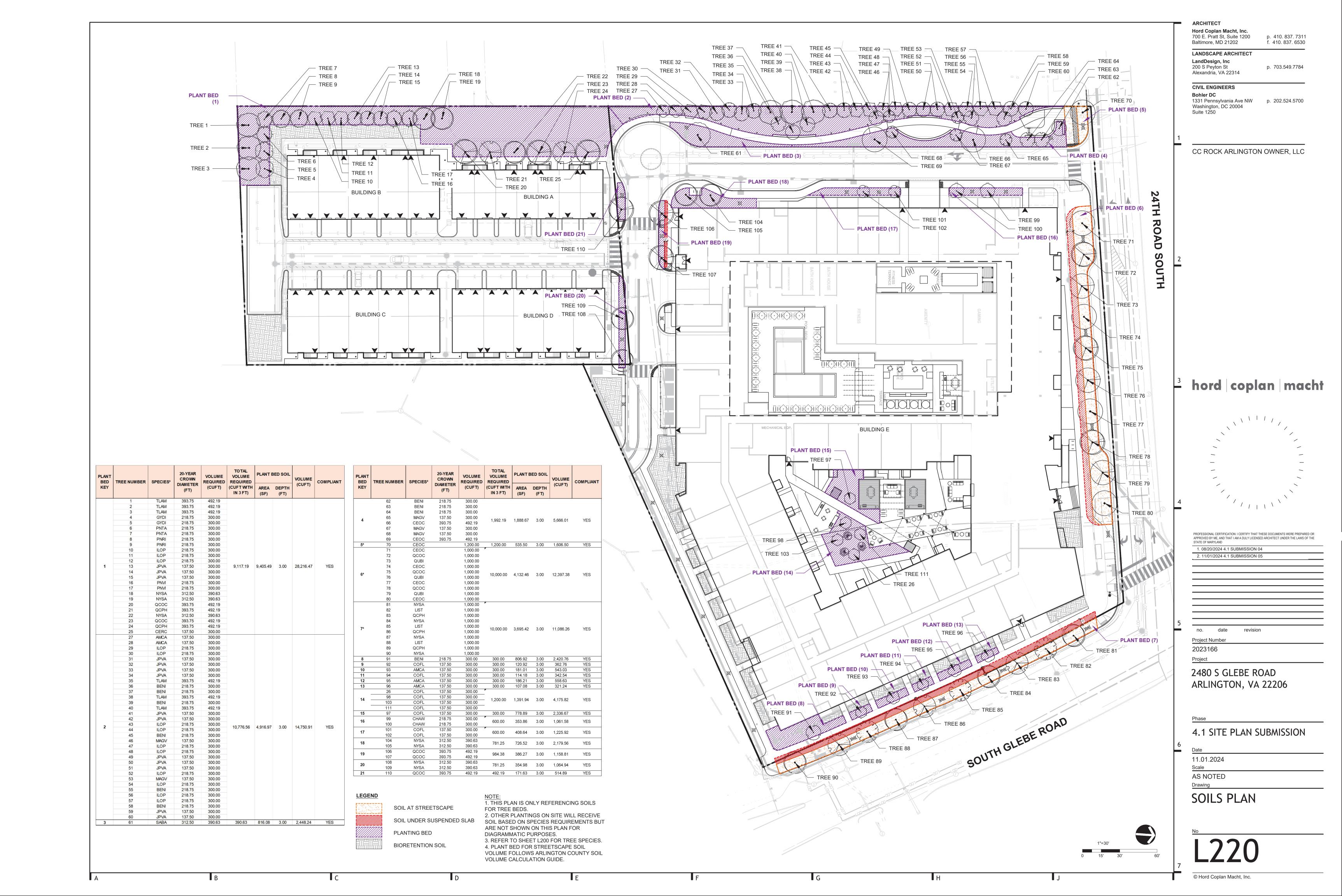
2480 S GLEBE ROAD ARLINGTON, VA 22206

4.1 SITE PLAN SUBMISSION

11.01.2024

AS NOTED

LANDSCAPE COMPLIANCE PLAN





NOTE:
OR OWNER/COUNTY APPROVED EQUAL

2 ENHANCED PAVING
L300 SECTION

3 DECOMPOSED GRANITE

L300 SECTION

NTS



NOTE:
OR OWNER/COUNTY APPROVED EQUAL

NTS

D

E G H J

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Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200

LANDSCAPE ARCHITECT

**Bohler DC**1331 Pennsylvania Ave NW p. 202.524.5700

CC ROCK ARLINGTON OWNER, LLC

Baltimore, MD 21202

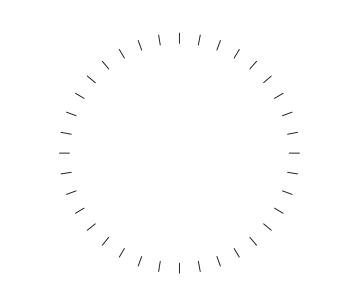
**LandDesign, Inc** 200 S Peyton St Alexandria, VA 22314

**CIVIL ENGINEERS** 

Washington, DC 20004 Suite 1250 p. 410.837.7311

f. 410. 837. 6530

p. 703.549.7784



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1. 08/20/2024 4.1 SUBMISSION 04

no. date revision

2. 11/01/2024 4.1 SUBMISSION 05

Project Number 2023166

Project 2480

2480 S GLEBE ROAD ARLINGTON, VA 22206

4 CITE I

4.1 SITE PLAN SUBMISSION

11.01.2024

AS NOTED

**DETAILS - HARDSCAPE** 

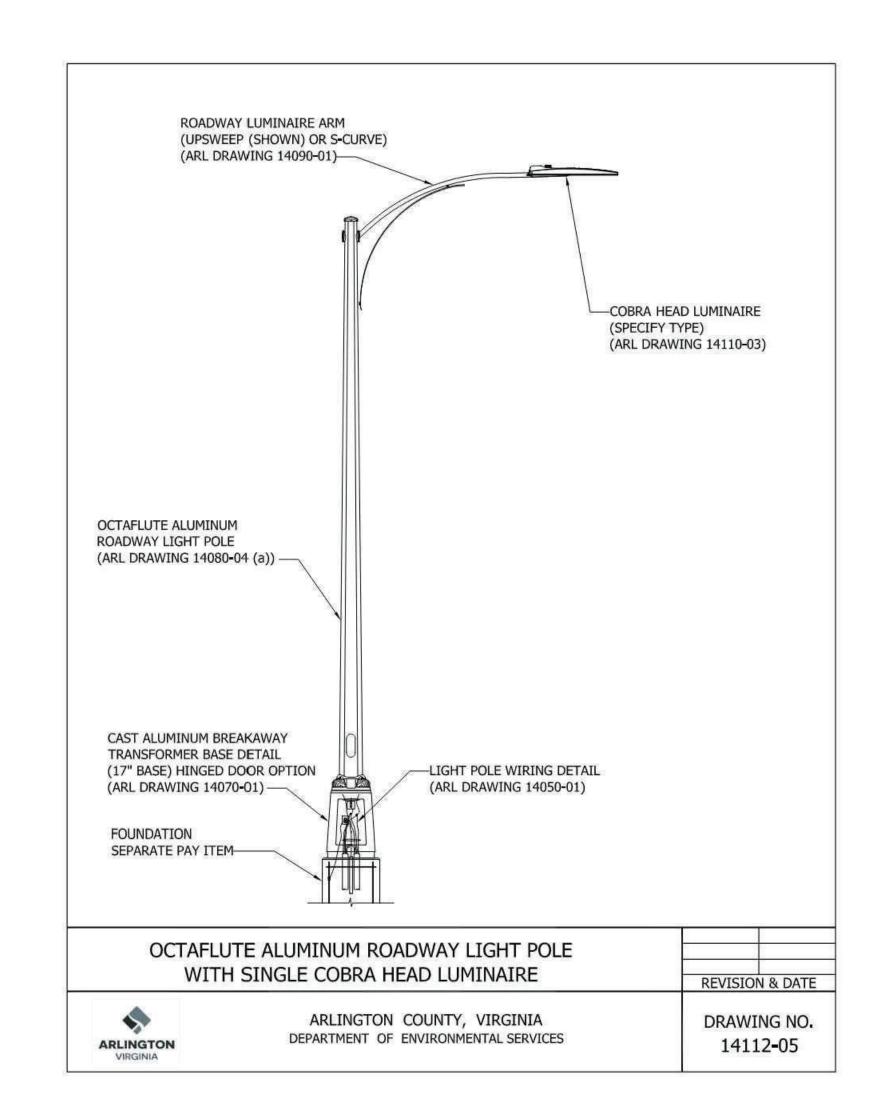
L300



NOTE: OR OWNER/COUNTY APPROVED **EQUAL** 

1 BIKE RACK

NTS



2 STREETLIGHT - COUNTY STANDARD
L301 SECTION

NTS

ARCHITECT

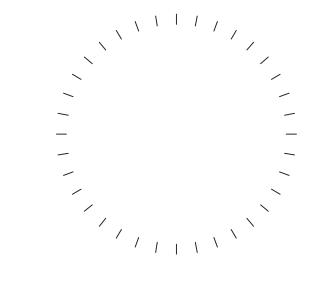
Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200 p. 410.837.7311 f. 410. 837. 6530 Baltimore, MD 21202

LANDSCAPE ARCHITECT **LandDesign, Inc** 200 S Peyton St Alexandria, VA 22314 p. 703.549.7784

**CIVIL ENGINEERS** Bohler DC 1331 Pennsylvania Ave NW p. 202.524.5700 Washington, DC 20004 Suite 1250

CC ROCK ARLINGTON OWNER, LLC

hord coplan macht



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1. 08/20/2024 4.1 SUBMISSION 04 2. 11/01/2024 4.1 SUBMISSION 05

Project Number 2023166

2480 S GLEBE ROAD ARLINGTON, VA 22206

4.1 SITE PLAN SUBMISSION

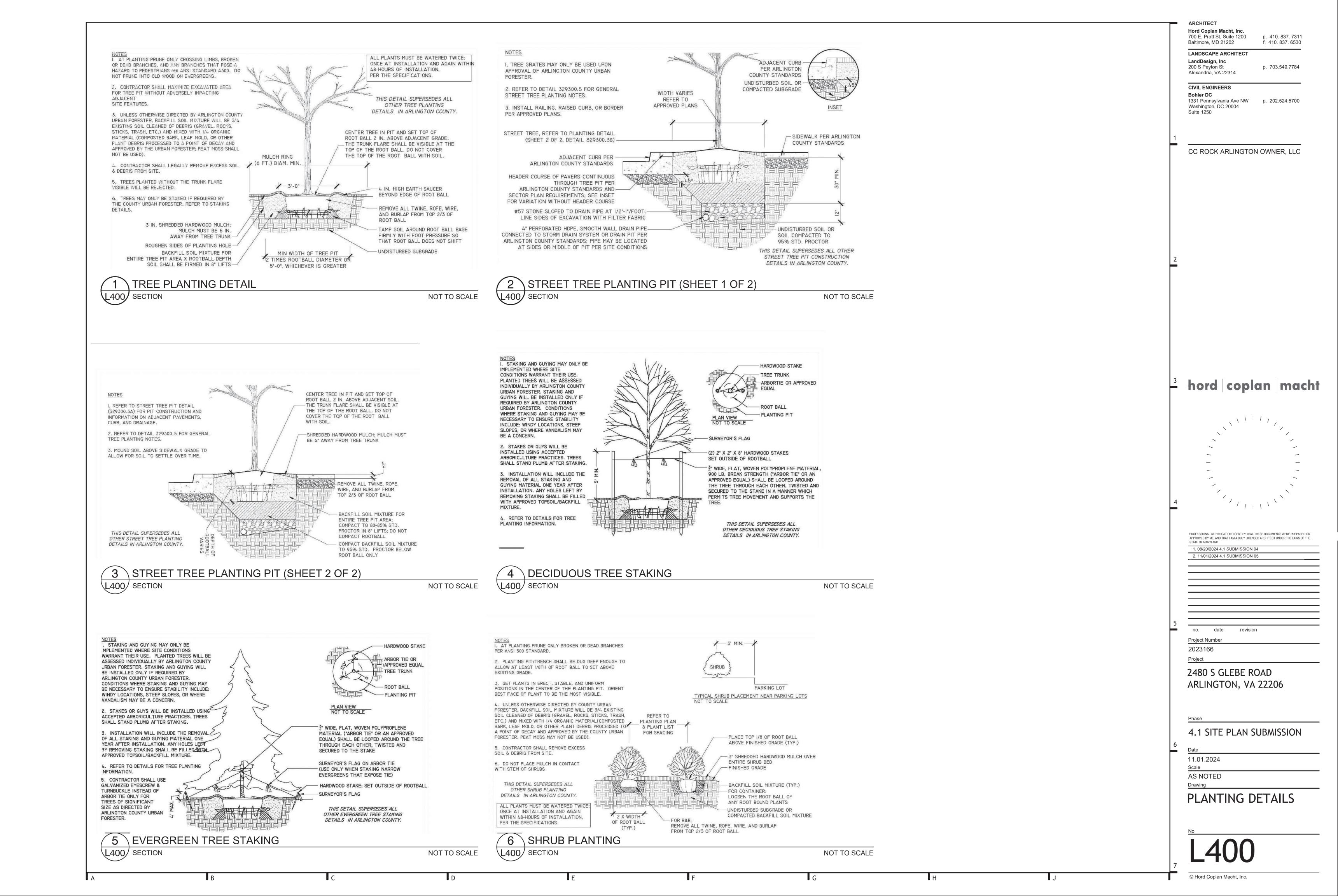
11.01.2024

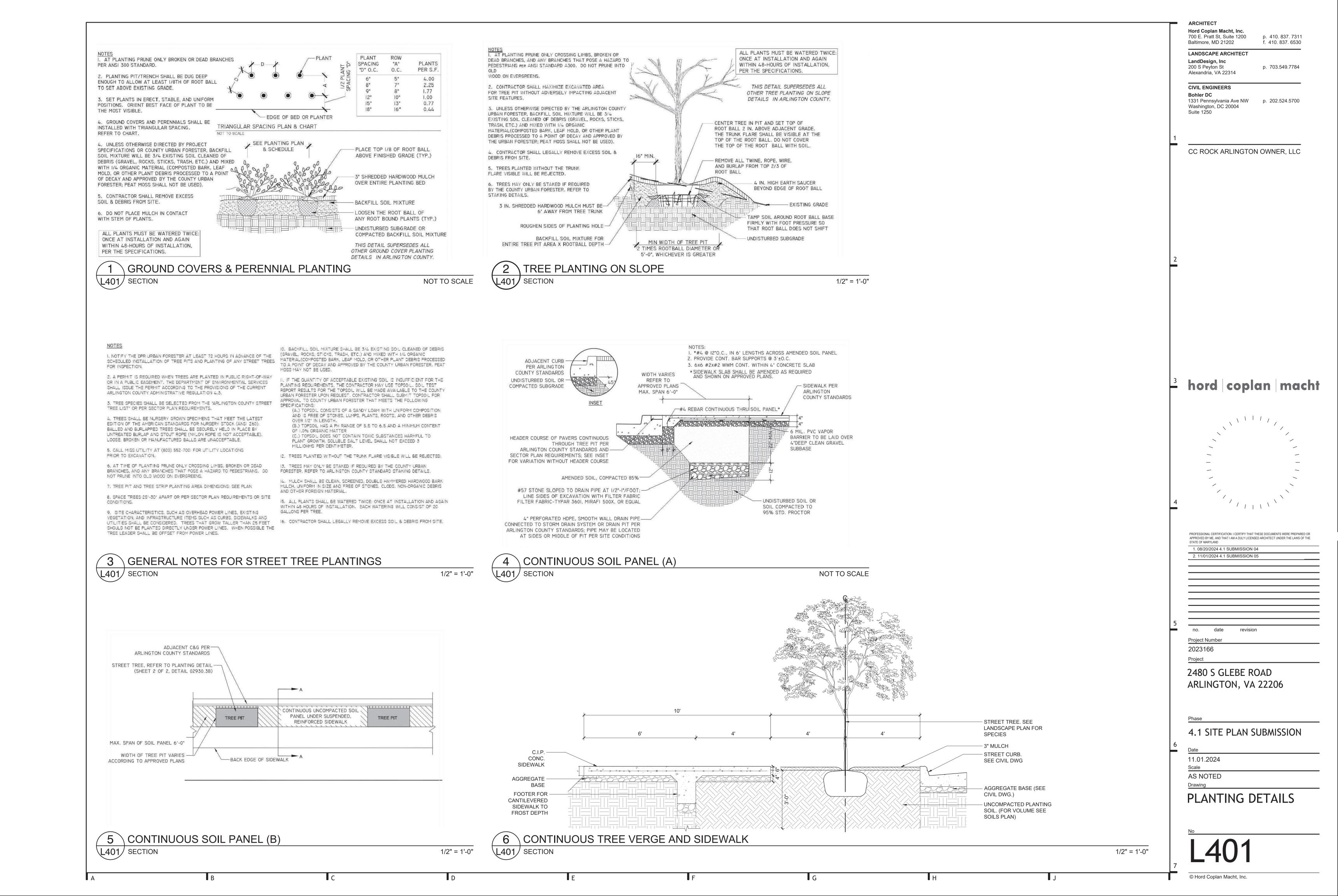
AS NOTED

DETAILS - FURNISHINGS

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ARCHITECT Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200 p. 410. 837. 7311 NOTE: IMAGES SHOWN ARE CONCEPTUAL IN NATURE AND DEPICT DESIGN Baltimore, MD 21202 f. 410. 837. 6530 INTENT AND COMPLIANCE WITH COUNTY EXPECTATION. FINAL DESIGN AND ENGINEERING PLANS SHALL BE PROVIDED AT LAP/CEP. LANDSCAPE ARCHITECT **LandDesign, Inc** 200 S Peyton St Alexandria, VA 22314 p. 703.549.7784 **CIVIL ENGINEERS** Bohler DC 1331 Pennsylvania Ave NW p. 202.524.5700 Washington, DC 20004 Suite 1250 CC ROCK ARLINGTON OWNER, LLC OPPORTUNITIES FOR NTERPRETATIVE SIGNAGE ROBUST PLANTING PLAN PROVIDE SCREENING ALONG THE PROPERTY LINE ARTIFICIAL TURF AT KEY NODE ALONG THE PARK SIGNATURE WILLOW TREE AT TERMINUS OF PARK BOLLARD LIGHTING PROVIDED ALONG PATHWAY SEAT WALL hord coplan macht EDUCATIONAL OPPORTUNITIES FOR INTERPRETIVE SIGNAGE PROVIDE SCREENING ALONG THE PROPERTY LINE SEAT WALLS THROUGHOUT
PARK THAT MIMIC AESTHETIC SEAT WALL OF EXISTING WALLS POTENTIAL FOCAL FEATURE IN ENTRY PLAZA APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND 1. 08/20/2024 4.1 SUBMISSION 04 2. 11/01/2024 4.1 SUBMISSION 05 MEANDERING PATHWAY AS A NOD TO 4MRV TRAIL DURABLE PAVING MATERIALS PLANT BED PRIMARILY FLUSH-THROUGHOUT THE PARK 2023166 SEAT WALL 2480 S GLEBE ROAD ADA ACCESSIBLE ENTRANCE FROM PUBLIC SIDEWALK ARLINGTON, VA 22206 POTENTIAL WAYFINDING/ PARK SIGN 4.1 SITE PLAN SUBMISSION PUBLIC BIRDS' EYE VIEW L600 PERSPECTIVE NTS 11.01.2024 Scale
AS NOTED PERSPECTIVE VIEWS -BIRD'S EYE VIEW

G

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CC ROCK ARLINGTON OWNER, LLC

f. 410. 837. 6530

p. 703.549.7784

Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200

LANDSCAPE ARCHITECT

Baltimore, MD 21202

**LandDesign, Inc** 200 S Peyton St Alexandria, VA 22314

**CIVIL ENGINEERS** 

Washington, DC 20004 Suite 1250

Bohler DC

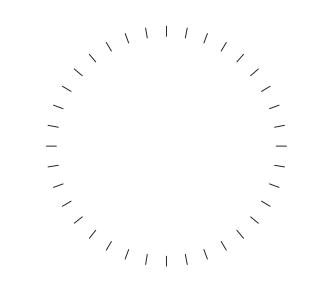
1 PARK NODES L610 PERSPECTIVE

\ CIRCULATION L610 PERSPECTIVE

- hord coplan macht

NTS

NTS



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2023166

2. 11/01/2024 4.1 SUBMISSION 05

2480 S GLEBE ROAD ARLINGTON, VA 22206

4.1 SITE PLAN SUBMISSION

11.01.2024

Scale
AS NOTED

PERSPECTIVE VIEWS -DIAGRAMS

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SITE POLLINATOR PLANT PALETTE

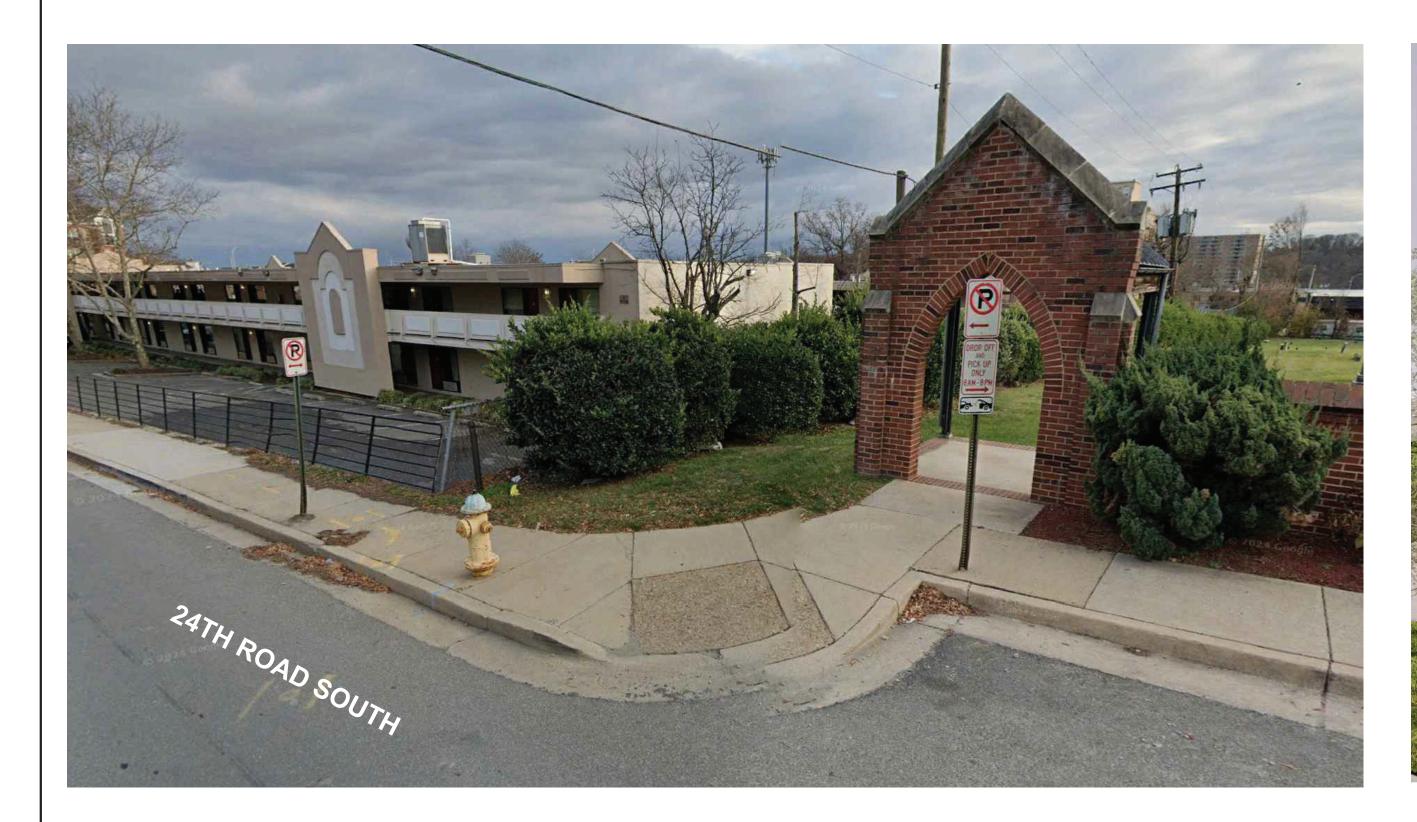
NOTE: LOCATIONS SHOWN FOR POLLINATOR GARDENS ARE CONCEPTUAL IN NATURE. FINAL LOCATIONS TBD AT CEP/LAP.

2 POTENTIAL POLINATOR GARDEN LOCATIONS L610 PERSPECTIVE

GRADING STUDY

NOTE: GRADING SHOWN IS SCHEMATIC ONLY AND REPRESENTATIVE OF DESIGN INTENT.

NOTE: IMAGES SHOWN ARE CONCEPTUAL IN NATURE AND DEPICT DESIGN INTENT AND COMPLIANCE WITH COUNTY EXPECTATION. FINAL DESIGN AND ENGINEERING PLANS SHALL BE PROVIDED AT LAP/CEP.





1 \ EXISTING CONDITION - VIEW OF PARK ENTRY FROM NW L620 STREET VIEW

3 PROPOSED CONDITION - VIEW OF PARK ENTRY FROM NW

L620 PERSPECTIVE

NTS





PARK SIGNAGE - BUILD NEW SEAT WALLS OF THE SAME STONE AND MORTAR AS THE EXISTING WALLS

2 EXISTING CONDITION - VIEW OF PARK ENTRY FROM NE L620 STREET VIEW

4 PROPOSED CONDITION - VIEW OF PARK ENTRY FROM NE L620 PERSPECTIVE



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LANDSCAPE ARCHITECT

Baltimore, MD 21202

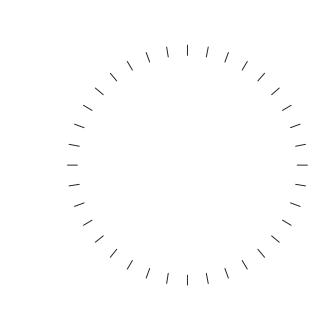
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**CIVIL ENGINEERS** 

Washington, DC 20004 Suite 1250

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1. 08/20/2024 4.1 SUBMISSION 04 2. 11/01/2024 4.1 SUBMISSION 05

2023166

2480 S GLEBE ROAD ARLINGTON, VA 22206

4.1 SITE PLAN SUBMISSION

11.01.2024

AS NOTED

PERSPECTIVE VIEWS

NOTE: IMAGES SHOWN ARE CONCEPTUAL IN NATURE AND DEPICT DESIGN INTENT AND COMPLIANCE WITH COUNTY EXPECTATION. FINAL DESIGN AND ENGINEERING PLANS SHALL BE PROVIDED AT LAP/CEP.

VIEW OF PARK ENTRY



SEAT WALL ARTIFICIAL TURF

VIEW OF PARK NODE

BOLLARD LIGHT

NTS

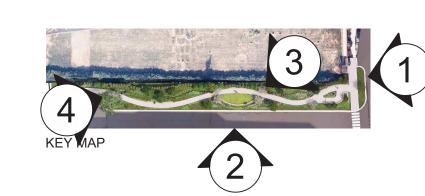
DURABLE PAVING MATERIALS

FLOWERING TREES FRAME PARK NODE FLOWERING TREES
FRAME PARK NODE EVERGREEN BUFFER BOLLARD LIGHT BOLLARD LIGHT —

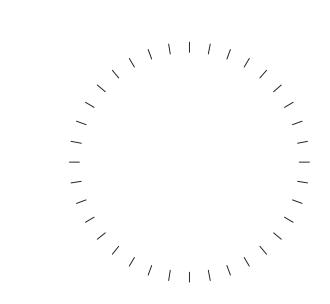
EVERGREEN BUFFER EDUCATIONAL OPPORTUNITIES FOR INTERPRETIVE SIGNAGE BOLLARD LIGHT

VIEW TO PARK BASIN AND WILLOW TREE

BOLLARD LIGHT



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1. 08/20/2024 4.1 SUBMISSION 04 2. 11/01/2024 4.1 SUBMISSION 05

2023166

2480 S GLEBE ROAD

ARLINGTON, VA 22206

11.01.2024

AS NOTED

PERSPECTIVE VIEWS

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VIEW TO THE PARK FROM GARAGE ENTRANCE

DARK BOULDERS FOUND IN FOUR MILE RUN

└ SEAT WALL ┘

- LANDSCAPE IN FRONT OF WALL

DARK BOULDERS FOUND
IN FOUR MILE RUN

FOCAL WILLOW TREE

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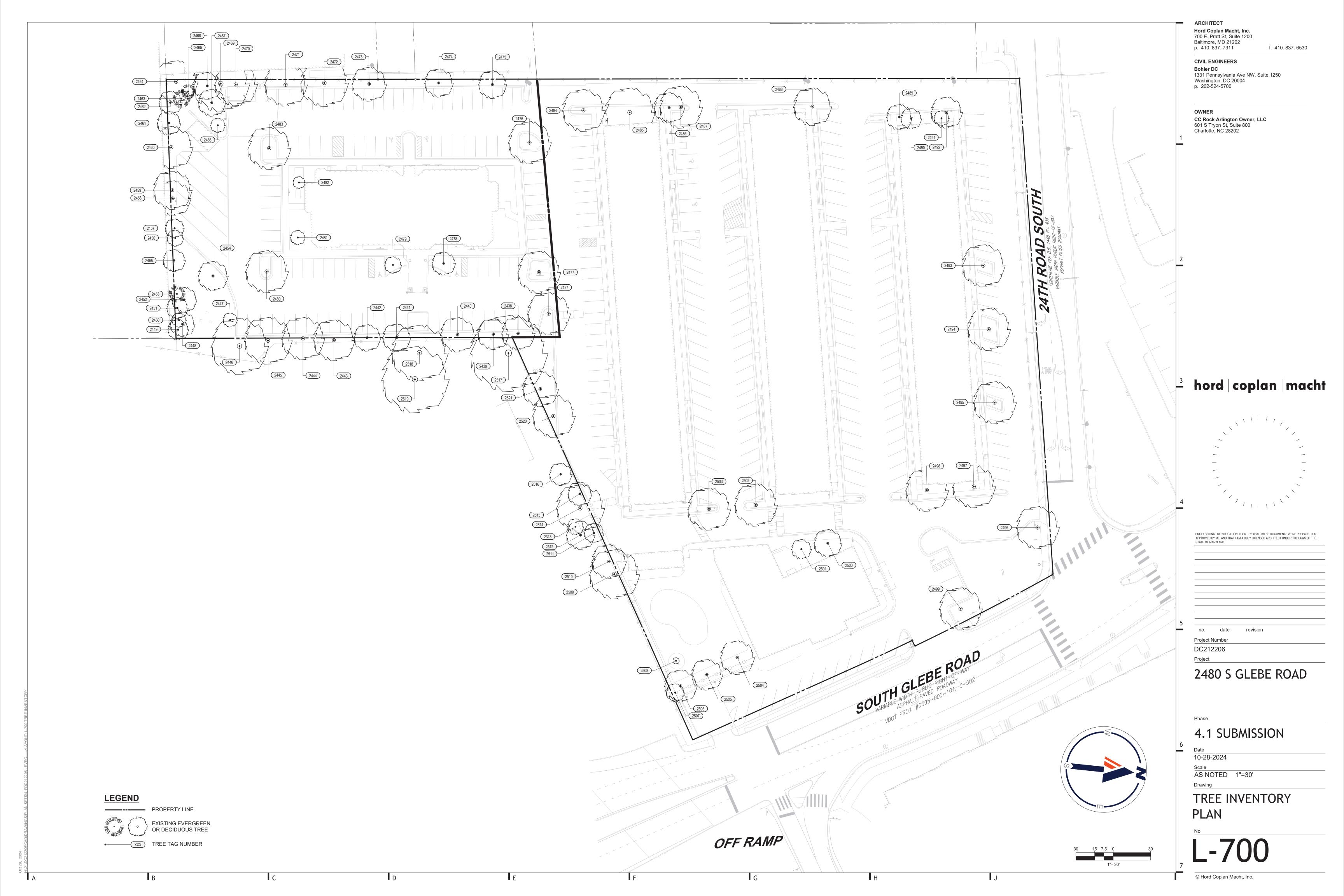
Baltimore, MD 21202 LANDSCAPE ARCHITECT

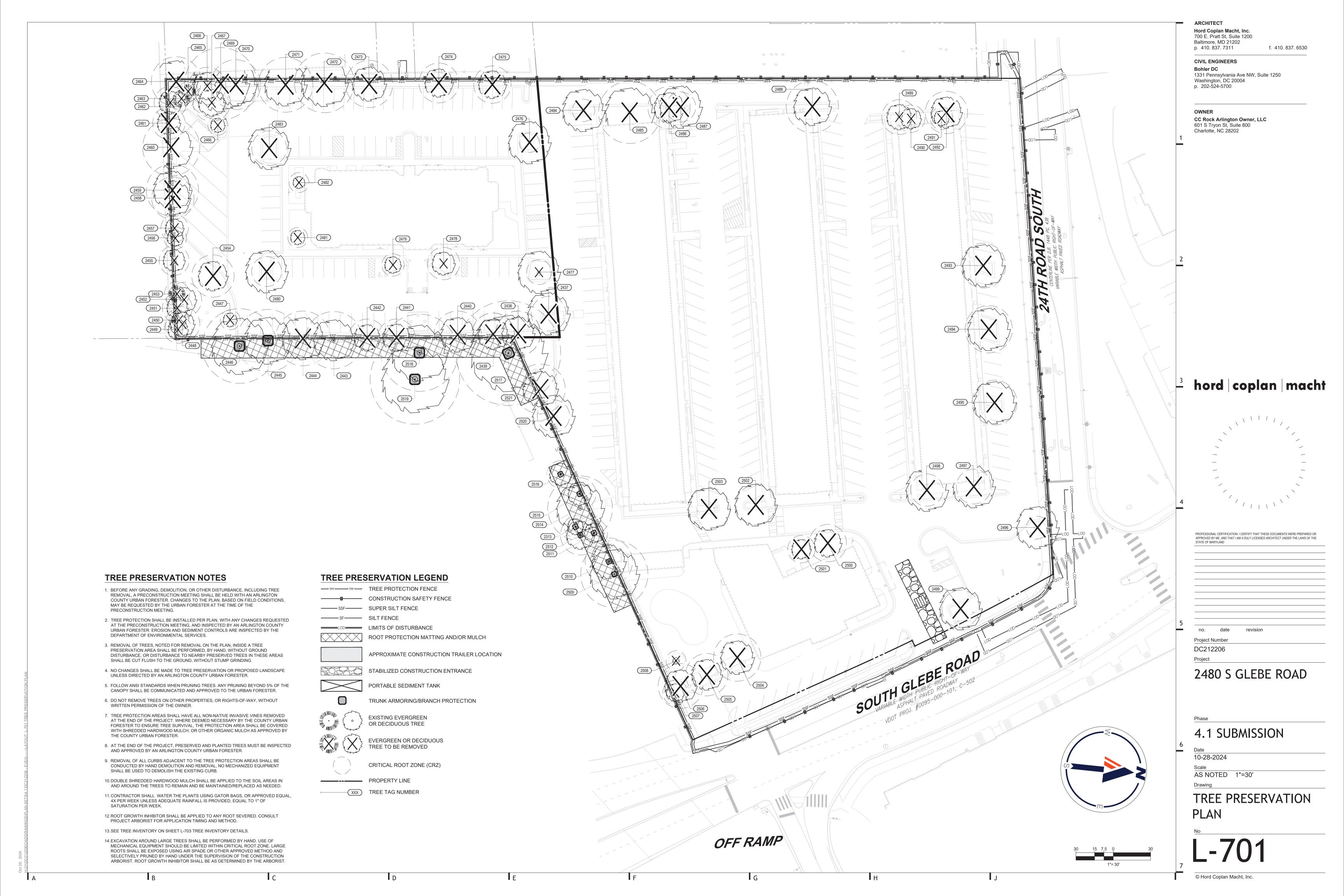
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Bohler DC 1331 Pennsylvania Ave NW p. 202.524.5700 Washington, DC 20004 Suite 1250

CC ROCK ARLINGTON OWNER, LLC

4.1 SITE PLAN SUBMISSION





			2480 S Glebe Rd, TREE REPLA	Arlington, VA				
#	COMMON NAME	BOTANICAL NAME	DIAMETER (DBH)	SPECIES RATING	CONDITION RATING	TOTAL SCORE	REMOVE	REPLACEMENTS REQUIRED
2437	American Sycamore	Platanus occidentalis	13.60"	60%	80%	6.5	YES	2
2438	Bradford Pear	Pyrus calleryana	17.70"	50%	40%	3.5	YES	1
2439	Bradford Pear	Pyrus calleryana	16.40"	50%	35%	2.9	YES	1
2440	Bradford Pear	Pyrus calleryana	18.60"	50%	35%	3.3	YES	1
2441 2442	Bradford Pear Bradford Pear	Pyrus calleryana	14.90" 14.30"	50% 50%	35% 30%	2.6 2.1	YES YES	1
2442	Bradford Pear	Pyrus calleryana Pyrus calleryana	22.10"	50%	45%	5.0	NO	0
2444	Bradford Pear	Pyrus calleryana	21.70"	50%	40%	4.3	YES	1
2445	Bradford Pear	Pyrus calleryana	24.10"	50%	40%	4.8	NO	0
2446	Bradford Pear	Pyrus calleryana	29.60"	50%	50%	7.4	NO	0
2447	Crepe Myrtle	Lagerstroemia indica	7.60"	80%	75%	4.6	YES	1
2448	Mulberry	Morus alba	13.20"	45%	50%	3.0	YES	1
2449	Tree of Heaven	Ailanthus altissima	11.00"	45%	40%	2.0	YES	1
2450	Mulberry	Morus alba	7.70"	45%	45%	1.6	YES	1
2451 2452	Mulberry Mulberry	Morus alba Morus alba	11.40" 13.30"	45% 45%	55% 50%	2.8 3.0	YES YES	1
2452	White Pine	Pinus strobus	9.20"	55%	75%	3.8	YES	1
2454	American Sycamore	Platanus occidentalis	16.00"	60%	80%	7.7	YES	2
2455	Mulberry	Morus alba	11.90"	45%	40%	2.1	YES	1
2456	Tree of Heaven	Ailanthus altissima	8.70"	45%	45%	1.8	YES	1
2457	Mulberry	Morus alba	10.10"	45%	45%	2.0	YES	1
2458	Tree of Heaven	Ailanthus altissima	16.70"	45%	35%	2.6	YES	1
2459	Mulberry	Morus alba	20.65"	45%	45%	4.2	YES	1
2460	Red Maple	Acer rubrum	22.60"	70%	35%	5.5	YES	2
2461	Red Maple	Acer rubrum	12.60"	70%	40%	3.5	YES	1
2462	Red Maple	Acer rubrum	12.30" 9.80"	70%	65%	5.6	YES	2
2463 2464	White Pine Mulberry	Pinus strobus Morus alba	9.80"	55% 45%	80% 55%	4.3 4.8	YES YES	1
2465	White Pine	Pinus strobus	7.90"	55%	75%	3.3	YES	1
2466	Crepe Myrtle	Lagerstroemia indica	7.83"	80%	80%	5.0	YES	1
2467	American Sycamore	Platanus occidentalis	14.50"	60%	80%	7.0	YES	2
2468	Pin Oak	Quercus palustris	14.80"	65%	70%	6.7	YES	2
2469	Pin Oak	Quercus palustris	28.40"	65%	75%	13.8	YES	3
2470	Bradford Pear	Pyrus calleryana	19.10"	50%	40%	3.8	YES	1
2471	Bradford Pear	Pyrus calleryana	21.20"	50%	50%	5.3	YES	2
2472	Bradford Pear	Pyrus calleryana	23.40"	50%	40%	4.7	YES	1
2473	Bradford Pear	Pyrus calleryana	18.40"	50%	35%	3.2	YES	1
2474 2475	Bradford Pear Bradford Pear	Pyrus calleryana	15.20" 15.00"	50% 50%	40% 45%	3.0 3.4	YES YES	1
2475	American Sycamore	Pyrus calleryana Platanus occidentalis	7.10"	60%	75%	3.4	YES	1
2477	American Sycamore	Platanus occidentalis	9.70"	60%	85%	4.9	YES	1
2478	Crepe Myrtle	Lagerstroemia indica	12.53"	80%	80%	8.0	YES	2
2479	Crepe Myrtle	Lagerstroemia indica	9.00"	80%	60%	4.3	YES	1
2480	American Sycamore	Platanus occidentalis	11.70"	60%	65%	4.6	YES	1
2481	Crepe Myrtle	Lagerstroemia indica	7.83"	80%	80%	5.0	YES	1
2482	Flowering Dogwood	Cornus florida	6.50"	60%	70%	2.7	YES	1
2483	American Sycamore	Platanus occidentalis	13.10"	60%	80%	6.3	YES	2
2484	American Sycamore	Platanus occidentalis	8.80"	60%	85%	4.5	YES	1
2485		raxinus pennsylvanica	24.90" 16.30"	45% 55%	75% 40%	8.4	YES YES	2
2487	Thornless Honey Locust Thornless Honey Locust		11.40"	55%	50%	3.6 3.1	YES	1
2488	Thornless Honey Locust		20.30"	55%	35%	3.9	YES	1
2489	Thornless Honey Locust		13.70"	55%	0%	0.0	YES	0
2490	Black Cherry	Prunus serotina	11.00"	55%	60%	3.6	YES	1
2491	Tree of Heaven	Ailanthus altissima	8.10"	45%	55%	2.0	YES	1
2492	Thornless Honey Locust		16.80"	55%	40%	3.7	YES	1
2493	American Sycamore	Platanus occidentalis	17.70"	60%	80%	8.5	YES	2
2494	American Sycamore	Platanus occidentalis	18.10"	60%	75%	8.1	YES	2
2495	American Sycamore	Platanus occidentalis	17.10"	60%	80%	8.2	YES	2
2496 2497	Crepe Myrtle	Lagerstroemia indica	8.27" 13.86"	80% 80%	75%	5.0	YES	1
2497	Crepe Myrtle Crepe Myrtle	Lagerstroemia indica Lagerstroemia indica	13.86"	80% 80%	80% 80%	8.9 7.9	YES YES	2 2
2499	American Sycamore	Platanus occidentalis	14.90"	60%	85%	7.6	YES	2
2500	Crepe Myrtle	Lagerstroemia indica	14.92"	80%	80%	9.5	YES	2
2501	Japanese Maple	Acer palmatum	10.50"	80%	75%	6.3	YES	2
2502	American Sycamore	Platanus occidentalis	15.80"	60%	85%	8.1	YES	2
2503	American Sycamore	Platanus occidentalis	16.10"	60%	80%	7.7	YES	2
2504	Thornless Honey Locust	Gleditsia triacanthos	18.10"	55%	75%	7.5	YES	2
2505	Thornless Honey Locust	Gleditsia triacanthos	16.50"	55%	75%	6.8	YES	2
2506	Leyland Cypress	Cupressus × leylandii	17.35"	60%	70%	7.3	YES	2
2507	Leyland Cypress	Cupressus × leylandii	9.70"	60%	70%	4.1	YES	1
2508	Japanese Maple	Acer palmatum	3.50"	80%	75%	2.1	YES	1
2509 2510	Mulberry Tree of Heaven	Morus alba Ailanthus altissima	26.68" 18.40"	45% 45%	30% 45%	3.6 3.7	NO NO	0
2510		Robinia pseudoacacia	18.40"	45% 55%	70%	4.1	NO	0
2512	Bradford Pear	Pyrus calleryana	15.20"	50%	75%	5.7	NO	0
2513	American Elm	Ulmus americana	8.60"	55%	70%	3.3	NO	0
2514		Robinia pseudoacacia	25.72"	55%	60%	8.5	NO	0
2515	American Elm	Ulmus americana	12.70"	55%	70%	4.9	NO	0
2516		Robinia pseudoacacia	10.61"	55%	65%	3.8	NO	0
2517	Pin Oak	Quercus palustris	41.10"	65%	80%	21.4	NO	0
2518	American Sycamore	Platanus occidentalis	30.10"	60%	0%	0.0	NO	0
2519	Pin Oak	Quercus palustris	35.80"	65%	85%	19.8	NO	0
2520	American Sycamore	Platanus occidentalis	12.20"	60%	85%	6.2	YES	2

## TREE INVENTORY TERMINOLOGY

INTERNATIONAL SOCIETY OF ARBORICULTURE.

2521

DBH = DIAMETER AT BREAST HEIGHT (MEASURED 4.5 FEET ABOVE GROUND)

Acer rubrum

CRZ = CRITICAL ROOT ZONE = 1.0 FOOT RADIUS PER INCH OF TREE DIAMETER. ESITMATED RADIUS OF AREA CONTAINING MMAJORITY OF TREE ROOTS. CRZ VALUES FOR TREES WITH MULTIPLE STEMS WERE CALCULATED USING THE DIAMETER PF A TREE WITH THE BASE AREA EQUIVALENT TO THE BASAL AREA FOR ALL STEMS

60%

SRZ (STRUCTURAL ROOT ZONE). CALCULATION - DBH X 0.33 = RADIUS IN FEET. ESTIMATED RADIUS CONTAINING TREE ROOTS THAT MUST BE PROTECTED TO ENSURE TREE HEALTH AND STRUCTURAL STABILITY. IMPACT/ROOT LOSS WITHIN THE SRZ MAY RESULT IN COMPROMISED STRUCTURE, WHOEL TREE FAILURE OR DELCINE IN HEALTH \*CONDITION RATING - PROVIDED AS PERCENTAGES BASED ON METHODS OUTLINES IN THE 10TH EDITION OF THE GUIDE FOR PLANT APPRAISAL, PUBLISHED BY THE

\*HAND REMOVAL - TREES TO BE REMOVED WITHIN TREE SAVE AREAS OR DIRECTLY ADJACENT TO BUT WITHIN THE LIMITS OF CLEANRING AND GRADING SHALL BE FELLED BY HAND WITH A CHAIN SAW. STUMPS SHALL REMAIN IN PLACE OR SHALL BE GROUND OUT. SEE TREE PRESERVATION NOTES

#### Arlington Ridge

American Sycamore Bradford Pear Bradford Pear Bradford Pear Bradford Pear Bradford Pear	BOTANICAL NAME		n Analysis Performed b							
Bradford Pear Bradford Pear Bradford Pear Bradford Pear		CONDITION RATING	CIRCUMFERENCE	DIAMETER (DBH)	DIAMETER (DBH)	CRITICAL ROOT ZONE (CRZ)		REMOVE	NATIVE	COMMENTS
Bradford Pear Bradford Pear Bradford Pear Bradford Pear		0/	INCHES	` '	, ,	, ,				
Bradford Pear Bradford Pear Bradford Pear Bradford Pear	DI I I I I	%	INCHES	INCHES	FEET	FEET	%	\/F0	V	1:1-1-0-1-1
Bradford Pear Bradford Pear Bradford Pear	Platanus occidentalis	80%	42.70"	13.60"	1.13'	14'	0.00%	YES	Х	Limbed up, Crooked
Bradford Pear Bradford Pear	Pyrus calleryana	40%	55.58"	17.70"	1.48'	18'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle
Bradford Pear	Pyrus calleryana	35%	51.50"	16.40"	1.37'	17'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle
	Pyrus calleryana	35%	58.40"	18.60"	1.55'	19'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle
	Pyrus calleryana	35%	46.79"	14.90"	1.24'	15'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle, Vine gro
Bradford Pear										
	Pyrus calleryana	30%	44.90"	14.30"	1.19'	15'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle
Bradford Pear	Pyrus calleryana	45%	69.39"	22.10"	1.84'	23'	0.00%	NO		Topped off, Heavily pruned, Weak branching angle
Bradford Pear	Pyrus calleryana	40%	68.14"	21.70"	1.81'	22'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle, Diebac
										Topped off, Heavily pruned, Weak branching angle, Diebac
Bradford Pear	Pyrus calleryana	40%	75.67"	24.10"	2.01'	25'	0.00%	NO		Major Trunk Scar
D	D	500/	00.0411	00.00	0.471	201	0.000/	NO		,
Bradford Pear	Pyrus calleryana	50%	92.94"	29.60"	2.47'	30'	0.00%	NO		Heavily limbed up, Major trunk scar, Weak branching agle
Crepe Myrtle	Lagerstroemia indica	75%	23.87"	7.60"	0.63'	8'	0.00%	YES		X10, Minor dieback
Mulberry	Morus alba	50%	41.45"	13.20"	1.10'	14'	0.00%	YES		Major lean, Close to wall, Codominant leader
Tree of Heaven	Ailanthus altissima	40%	34.54"	11.00"	0.92'	11'	0.00%	YES		Close to wall, Major vine growth, Major dieback
Mulberry	Morus alba	45%	24.18"	7.70"	0.64'	8'	0.00%	YES		Lean, Dieback
,		W. W. W.			+					Close to wall, Weak branching angle
					1					Codominant leader, trunk scar, dieback
White Pine	Pinus strobus	75%	28.89"	9.20"	0.77'	10'	0.00%	YES	X	Close to wall, Limbed up
American Sycamore	Platanus occidentalis	80%	50.25"	16.00"	1.33'	17'	0.00%	YES	Χ	X2, Minor dieback
	Morus alba									Major trunk scar, Close to wall, Major lean, Dieback
										Close to wall, Major dieback
					1					, <u>,</u>
,	BARRIOT AND COURTS CONTINUE AND									Close to wall, Topped off, Sucker growth
										Close to wall, Major dieback, Codominant leader, Vine grow
Mulberry	Morus alba	45%	64.83"	20.65"	1.72'	21'	0.00%	YES		X2, Close to wall, Major vine growth
Red Maple	Acer rubrum	35%	70.96"	22.60"	1.88'	23'	0.00%	YES	X	Close to wall, Codominant leader, Crown dieback
					<u> </u>		<u> </u>			Close to wall, Major vine growth, Major dieback
•										, , , ,
					-					Dieback, Close to wall
of the amount of the Liberthian	TOP - Maria de Carta								Х	Minor vine growth
Mulberry	Morus alba		61.23"		1.63'	20'	0.00%			Codominant leader, Close to wall, Dieback
White Pine	Pinus strobus	75%	24.81"	7.90"	0.66'	8'	0.00%	YES		Minor vine growth, Minor dieback
Crepe Myrtle	Lagerstroemia indica	80%	24.57"	7.83"	0.65'	8'	0.00%	YES	X	X10, Dieback
										Majore vine growth, Crooked, Codominant leader
	•			<b>+</b>						Vine growth, Limbed up
Pin Oak	Quercus palustris		89.18"	28.40"	<del> </del>		0.00%		X	Codominant leader, Dieback
Bradford Pear	Pyrus calleryana	40%	59.97"	19.10"	1.59'	20'	0.00%	YES		Dieback, Close to wall, Limbed up, Leaning
Bradford Pear	Pyrus calleryana	50%	66.57"	21.20"	1.77'	22'	0.00%	YES		Dieback, Close to wall, Limbed up, Leaning
Bradford Pear		40%	73 48"	23 40"			0.00%	YES		Dieback, Close to wall, Limbed up, Leaning, Trunk scar
Bradford Pear	Pyrus calleryana	35%	57.78"	18.40"	1.53'	19'	0.00%	YES		Dieback, Close to wall, Limbed up, Leaning
										Close to wall, Dieback, Heavily limbed up, Leaning, Weal
Bradford Pear	Pyrus calleryana	40%	47.73"	15.20"	1.27	16'	0.00%	YES		branching angle
Bradford Pear	Dyrue calleryana	15%	47 10"	15.00"	1 25'	15'	0.00%	VES		Close to wall, Dieback, Limbed up, Major trunk scar
			<b>-</b>		ł		<u> </u>		V	
,					<u> </u>					Limbed up, Minor lean
American Sycamore	Platanus occidentalis	85%	30.46"	9.70''	0.81'	10'	0.00%	YES	Χ	Limbed up
Crepe Myrtle	Lagerstroemia indica	80%	39.34"	12.53"	1.04'	13'	0.00%	YES		X7, Scale
Crepe Myrtle	Lagerstroemia indica	60%	28.25"	9.00"	0.75'	9'	0.00%	YES		X5, Scale, Major dieback
									Y	Topped off, Limbed up
							13113-311			X10
					<b>.</b>					
					+					Trunk scar, Low branching, Dieback
American Sycamore	Platanus occidentalis	80%	41.13"	13.10"	1.09'	14'	0.00%	YES	X	Minor dieback
American Sycamore	Platanus occidentalis	85%	27.63"	8.80''	0.73'	9'	0.00%	YES	X	Minor trunk scar
	Fraxinus pennsylvanica	75%	78 19"	24 90"	2 08'	25'	0.00%	YES	X	Crown dieback, Codominant leader
- Creen / Gri	Traxinao pennoyivanioa	10%	70.10	24.00	2.00	20	0.0070	ILO		Major trunk scar, Heavily limbed up, Dieback, Codominan
ornless Honey Locust	Gleditsia triacanthos	40%	51.18"	16.30"	1.36'	17'	0.00%	YES	X	leader
	Ol Pit i ti uli	500/	05.000	44.400	0.051	401	0.000/	\/F0	V	STANDARD STANDARD
ornless Honey Locust	Gleditsia triacanthos	50%	35.80"	11.40"	0.95'	12'	0.00%	YES	Х	Heavily limbed up, Dieback, Crooked
ornless Honey Locust	Gleditsia triacanthos	35%	63 74"	20.30"	1 69'	21'	0.00%	YES	X	Codominant leader, Major trunk scar, Major dieback, Liche
•	The Control of the Co						721-27-11 W.S.			growth
ornless Honey Locust	Gleditsia triacanthos	0%	43.02"	13.70"	1.14'	14'	0.00%	YES	Χ	Dead
•						11'			0.00	Limbed up
-					+					Dieback
									V	Codominant leader, Major dieback, Limbed up
•										
		100,000,000		***************************************						Codominant leader, Limbed up
										Crooked, Limbed up
American Sycamore	Platanus occidentalis	80%	53.69"	17.10"	1.43'	18'	0.00%	YES	Χ	Lean, Limbed up
Crepe Myrtle	Lagerstroemia indica	75%	25.98"	8.27"	0.69'	9'	0.00%	YES		X5, Scale
Crepe Myrtle	Lagerstroemia indica	80%	43.53"	13.86"	1.16'	14'	0.00%	YES		X6, Limbed up
Crepe Myrtle	Lagerstroemia indica	80%	38.62"	12.30"	1.02'	13'	0.00%	YES		X6, Limbed up
					+					, ,
American Sycamore	Platanus occidentalis	85%	46.79"	14.90"	1.24'	15'	0.00%	YES	X	Limbed up, Crooked
Crepe Myrtle	Lagerstroemia indica	80%	46.85"	14.92"	1.24'	15'	0.00%	YES		X2, Minor dieback
Japanese Maple	Acer palmatum	75%	32.97"	10.50"	0.88'	11'	0.00%	YES		Minor dieback, Low branching, Limbed up
	Platanus occidentalis	85%	49.61"	15.80"	1.32'	16'	0.00%	YES	X	Limbed up, Soil volume
American Sycamore	Platanus occidentalis	80%	50.55"	16.10"	1.34'	17'	0.00%	YES	X	Trunk scar, Limbed up, Soil volume
American Sycamore										
American Sycamore	Gleditsia triacanthos	75%	56.83"	18.10"	1.51'	19'	0.00%	YES	X	Dieback, Codominant leader
American Sycamore ornless Honey Locust	Gleditsia triacanthos	75%	51.81"	16.50"	1.38'	17'	0.00%	YES	X	Dieback, Codominant leader
American Sycamore ornless Honey Locust ornless Honey Locust	Cupressus × leylandii	70%	54.47"	17.35"	1.45'	18'	0.00%	YES		X2, Codominant leader, Limbed up
American Sycamore ornless Honey Locust	Capitocae leviarian	70%	30.46"	9.70"	0.81'	10'	0.00%	YES		Limbed up, Close to fence
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress	•			3.50"						Entrock up, Olode to lettee
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress	Cupressus × leylandii	750/	4111111	J.3U"	0.29'	8'	0.00%	YES		
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple	Cupressus × leylandii Acer palmatum	75%	10.99"		0.001	27'	0.000/	NIO		
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry	Cupressus × leylandii	75% 30%	10.99" 83.79"	26.68"	2.22'	21	0.00%	NO		X3, Major lean, Close to fence
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple	Cupressus × leylandii Acer palmatum				1.53'	19'	0.00%	NO		X3, Major lean, Close to fence Close to fence, Major dieback, Minor vine growth
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima	30% 45%	83.79" 57.78"	26.68" 18.40"	1.53'	19'	0.00%	NO		Close to fence, Major dieback, Minor vine growth
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia	30% 45% 70%	83.79" 57.78" 33.28"	26.68" 18.40" 10.60"	1.53' 0.88'	19' 11'	0.00% 0.00%	NO NO	X	Close to fence, Major dieback, Minor vine growth Minor crown dieback
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana	30% 45% 70% 75%	83.79" 57.78" 33.28" 47.73"	26.68" 18.40" 10.60" 15.20"	1.53' 0.88' 1.27'	19' 11' 16'	0.00% 0.00% 0.00%	NO NO NO		Close to fence, Major dieback, Minor vine growth Minor crown dieback X2, Weak branching angle, Dieback
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia	30% 45% 70%	83.79" 57.78" 33.28"	26.68" 18.40" 10.60"	1.53' 0.88'	19' 11'	0.00% 0.00%	NO NO	X	Close to fence, Major dieback, Minor vine growth Minor crown dieback
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear American Elm	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana Ulmus americana	30% 45% 70% 75% 70%	83.79" 57.78" 33.28" 47.73" 27.00"	26.68" 18.40" 10.60" 15.20" 8.60"	1.53' 0.88' 1.27' 0.72'	19' 11' 16' 9'	0.00% 0.00% 0.00% 0.00%	NO NO NO	X	Close to fence, Major dieback, Minor vine growth  Minor crown dieback  X2, Weak branching angle, Dieback  Lean, Dieback
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear American Elm Black Locust	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana Ulmus americana Robinia pseudoacacia	30% 45% 70% 75% 70% 60%	83.79" 57.78" 33.28" 47.73" 27.00" 80.75"	26.68" 18.40" 10.60" 15.20" 8.60" 25.72"	1.53' 0.88' 1.27' 0.72' 2.14'	19' 11' 16' 9' 26'	0.00% 0.00% 0.00% 0.00% 0.00%	NO NO NO NO	X X	Close to fence, Major dieback, Minor vine growth  Minor crown dieback  X2, Weak branching angle, Dieback  Lean, Dieback  X4, Vine growth, Dieback
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear American Elm Black Locust American Elm	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana Ulmus americana Robinia pseudoacacia Ulmus americana	30% 45% 70% 75% 70% 60% 70%	83.79" 57.78" 33.28" 47.73" 27.00" 80.75" 39.88"	26.68" 18.40" 10.60" 15.20" 8.60" 25.72" 12.70"	1.53' 0.88' 1.27' 0.72' 2.14' 1.06'	19' 11' 16' 9' 26' 13'	0.00% 0.00% 0.00% 0.00% 0.00%	NO NO NO NO NO	X X X	Close to fence, Major dieback, Minor vine growth  Minor crown dieback  X2, Weak branching angle, Dieback  Lean, Dieback  X4, Vine growth, Dieback  Leaning, Close to fence
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear American Elm Black Locust	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana Ulmus americana Robinia pseudoacacia	30% 45% 70% 75% 70% 60%	83.79" 57.78" 33.28" 47.73" 27.00" 80.75"	26.68" 18.40" 10.60" 15.20" 8.60" 25.72"	1.53' 0.88' 1.27' 0.72' 2.14'	19' 11' 16' 9' 26'	0.00% 0.00% 0.00% 0.00% 0.00%	NO NO NO NO	X X	Close to fence, Major dieback, Minor vine growth  Minor crown dieback  X2, Weak branching angle, Dieback  Lean, Dieback  X4, Vine growth, Dieback
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear American Elm Black Locust American Elm	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana Ulmus americana Robinia pseudoacacia Ulmus americana	30% 45% 70% 75% 70% 60% 70%	83.79" 57.78" 33.28" 47.73" 27.00" 80.75" 39.88"	26.68" 18.40" 10.60" 15.20" 8.60" 25.72" 12.70"	1.53' 0.88' 1.27' 0.72' 2.14' 1.06'	19' 11' 16' 9' 26' 13'	0.00% 0.00% 0.00% 0.00% 0.00%	NO NO NO NO NO	X X X	Close to fence, Major dieback, Minor vine growth  Minor crown dieback  X2, Weak branching angle, Dieback  Lean, Dieback  X4, Vine growth, Dieback  Leaning, Close to fence
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear American Elm Black Locust American Elm Black Locust Pin Oak	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana Ulmus americana Robinia pseudoacacia Ulmus americana Robinia pseudoacacia Quercus palustris	30% 45% 70% 75% 70% 60% 70% 65% 80%	83.79" 57.78" 33.28" 47.73" 27.00" 80.75" 39.88" 33.33" 129.05"	26.68" 18.40" 10.60" 15.20" 8.60" 25.72" 12.70" 10.61" 41.10"	1.53' 0.88' 1.27' 0.72' 2.14' 1.06' 0.88' 3.43'	19' 11' 16' 9' 26' 13' 11' 42'	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	NO NO NO NO NO NO NO	X X X X	Close to fence, Major dieback, Minor vine growth  Minor crown dieback  X2, Weak branching angle, Dieback  Lean, Dieback  X4, Vine growth, Dieback  Leaning, Close to fence  X3, Trunk scar  Vine growth, Dieback, Close to fence
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear American Elm Black Locust American Elm Black Locust American Sycamore	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana Ulmus americana Robinia pseudoacacia Ulmus americana Robinia pseudoacacia Quercus palustris Platanus occidentalis	30% 45% 70% 75% 70% 60% 70% 65% 80%	83.79" 57.78" 33.28" 47.73" 27.00" 80.75" 39.88" 33.33" 129.05" 94.51"	26.68" 18.40" 10.60" 15.20" 8.60" 25.72" 12.70" 10.61" 41.10" 30.10"	1.53' 0.88' 1.27' 0.72' 2.14' 1.06' 0.88' 3.43' 2.51'	19' 11' 16' 9' 26' 13' 11' 42'	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	NO NO NO NO NO NO NO NO	X X X X X	Close to fence, Major dieback, Minor vine growth  Minor crown dieback  X2, Weak branching angle, Dieback  Lean, Dieback  X4, Vine growth, Dieback  Leaning, Close to fence  X3, Trunk scar  Vine growth, Dieback, Close to fence  Dead, Vine growth
American Sycamore ornless Honey Locust ornless Honey Locust Leyland Cypress Leyland Cypress Japanese Maple Mulberry Tree of Heaven Black Locust Bradford Pear American Elm Black Locust American Elm Black Locust Pin Oak	Cupressus × leylandii Acer palmatum Morus alba Ailanthus altissima Robinia pseudoacacia Pyrus calleryana Ulmus americana Robinia pseudoacacia Ulmus americana Robinia pseudoacacia Quercus palustris	30% 45% 70% 75% 70% 60% 70% 65% 80%	83.79" 57.78" 33.28" 47.73" 27.00" 80.75" 39.88" 33.33" 129.05"	26.68" 18.40" 10.60" 15.20" 8.60" 25.72" 12.70" 10.61" 41.10"	1.53' 0.88' 1.27' 0.72' 2.14' 1.06' 0.88' 3.43'	19' 11' 16' 9' 26' 13' 11' 42'	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	NO NO NO NO NO NO NO	X X X X	Close to fence, Major dieback, Minor vine growth  Minor crown dieback  X2, Weak branching angle, Dieback  Lean, Dieback  X4, Vine growth, Dieback  Leaning, Close to fence  X3, Trunk scar  Vine growth, Dieback, Close to fence
Ar FI FI OI	Mulberry Tree of Heaven Mulberry Tree of Heaven Mulberry Red Maple Red Maple Red Maple Red Maple White Pine Mulberry White Pine Crepe Myrtle merican Sycamore Pin Oak Pin Oak Bradford Pear Bradford Pear Bradford Pear Bradford Pear Bradford Pear Bradford Pear Crepe Myrtle merican Sycamore Mulberry White Pine Crepe Myrtle merican Sycamore Crepe Myrtle Tree Myrtle Merican Sycamore Merican Sycamore Merican Sycamore Merican Sycamore Trepe Myrtle Mowering Dogwood Merican Sycamore	Mulberry Pinus strobus merican Sycamore Platanus occidentalis Mulberry Morus alba Tree of Heaven Ailanthus altissima Mulberry Morus alba Tree of Heaven Ailanthus altissima Mulberry Morus alba Tree of Heaven Ailanthus altissima Mulberry Morus alba Red Maple Acer rubrum Red Maple Acer rubrum Red Maple Acer rubrum Mitte Pine Pinus strobus Mulberry Morus alba Mulberry Morus alba Mulberry Morus alba Murus Pine Pinus strobus Mulberry Morus alba Multe Pine Pinus strobus Crepe Myrtle Lagerstroemia indica merican Sycamore Platanus occidentalis Pin Oak Quercus palustris Pin Oak Quercus palustris Pin Oak Quercus palustris Bradford Pear Pyrus calleryana B	Mulberry White Pine Pinus strobus Pinus strobus Pinus strobus Mulberry Morus alba Red Maple Acer rubrum Morus alba Mulberry Morus alba Mulberry Morus alba Mulberry Morus alba Mulberry Morus alba Morus alba Morus Mulberry Morus alba Morus Mulberry Morus alba Morus	Mulberry         Morus alba         50%         41.76"           White Pine         Pinus strobus         75%         28.89"           merican Sycamore         Platanus occidentalis         80%         50.25"           Mulberry         Morus alba         40%         37.37"           Tree of Heaven         Allanthus altissima         45%         31.71"           Tree of Heaven         Allanthus altissima         35%         52.44"           Mulberry         Morus alba         45%         31.71"           Tree of Heaven         Allanthus altissima         35%         52.44"           Mulberry         Morus alba         45%         64.83"           Red Maple         Acer rubrum         40%         39.56"           Red Maple         Acer rubrum         65%         38.62"           White Pine         Pinus strobus         80%         30.77"           Mulberry         Morus alba         55%         61.23"           White Pine         Pinus strobus         75%         24.81"           Crepe Myritle         Lagerstoemia indica         80%         24.57"           merican Sycamore         Platanus occidentalis         80%         45.53"           Pin Oak	Mulberry         Morus alba         50%         41.76"         13.30"           White Pine         Pinus strobus         75%         28.89"         9.20"           merican Sycamore         Piataus occidentalis         80%         50.26"         16.00"           Mulberry         Morus alba         40%         37.3"         11.90"           Tree of Heaven         Allanthus altissima         45%         27.32"         8.70"           Mulberry         Morus alba         45%         31.71"         10.10"           Tree of Heaven         Allanthus altissima         35%         52.44"         16.70"           Mulberry         Morus alba         45%         64.83"         20.65"           Red Maple         Acer rubrum         35%         70.96"         22.60"           Red Maple         Acer rubrum         65%         38.62"         12.30"           White Pine         Pinus strobus         80%         30.77"         9.80"           White Pine         Pinus strobus         75%         24.81"         7.90"           Crepe Myrtle         Lagerstroemia indica         80%         24.57"         7.83"           Bradford Pear         Pyrus calleryana         40%         55.93"	Mulberry	Mulberry         Morus alba         50%         41,76*         13,30*         1,11*         14*           White Pine         Phus strobus         75%         28,89*         9,20*         0,77*         10*           Mulberry         Morus alba         40%         50,25*         16,00*         1,33*         17*           Tree of Heaven         Alanthus albasima         45%         27,32*         8,70*         0.99*         12*           Mulberry         Morus alba         45%         27,32*         8,70*         0.09*         12*           Mulberry         Morus alba         45%         31,71*         10,10*         0.84         11*           Mulberry         Morus alba         45%         64,83*         20,65*         1,72*         21*           Red Maple         Acer rubrum         35%         70,96*         22,60*         1,88         23*           Red Maple         Acer rubrum         65%         38,62*         12,20*         1,05*         13*           Red Maple         Acer rubrum         65%         38,62*         12,20*         1,05*         13*           White Pine         Pinus strobus         80%         30,7*         9,80*         0,82*	Mulberry   Morus alba   50%   41.76"   13.90"   111"   14"   0.00%   Mulberry   Platanus cocidentalis   80%   50.26"   16.00"   13.33   17"   0.00%   Mulberry   Morus alba   40%   37.37"   11.90"   0.97   12"   0.00%   Mulberry   Morus alba   40%   37.37"   11.90"   0.97   12"   0.00%   Mulberry   Morus alba   45%   27.32"   8.70"   0.77   9"   0.00%   Mulberry   Morus alba   45%   31.71"   0.00%   47%   47.70"   0.00%   47%   47.70"   0.00%   47%   47.70"   0.00%   47%   47.70"   0.00%   47%   47.70"   0.00%   47%   47.70"   0.00%   47.70"	Mother Piece   Morus albo   50%   41,76"   13,30"   1,11"   14"   0,00%   VES   White Piece   Piece	Mulberry   Morus alba   50%   41.76"   13.07"   11.11"   14"   0.00%   YES   X   White Pine   Prus shouls   50%   52.89"   9.20"   0.77"   10"   0.00%   YES   X   X   X   X   X   X   X   X   X

**ARCHITECT** 

Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200 Baltimore, MD 21202

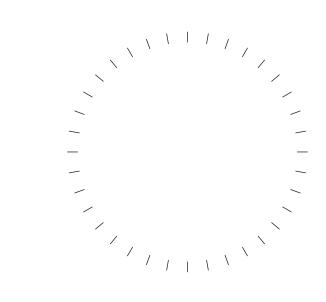
p. 410. 837. 7311

f. 410. 837. 6530

**CIVIL ENGINEERS** Bohler DC 1331 Pennsylvania Ave NW, Suite 1250 Washington, DC 20004 p. 202-524-5700

OWNER CC Rock Arlington Owner, LLC 601 S Tryon St, Suite 800 Charlotte, NC 28202

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PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND

Project Number DC212206

2480 S GLEBE ROAD

4.1 SUBMISSION

10-28-2024 AS NOTED

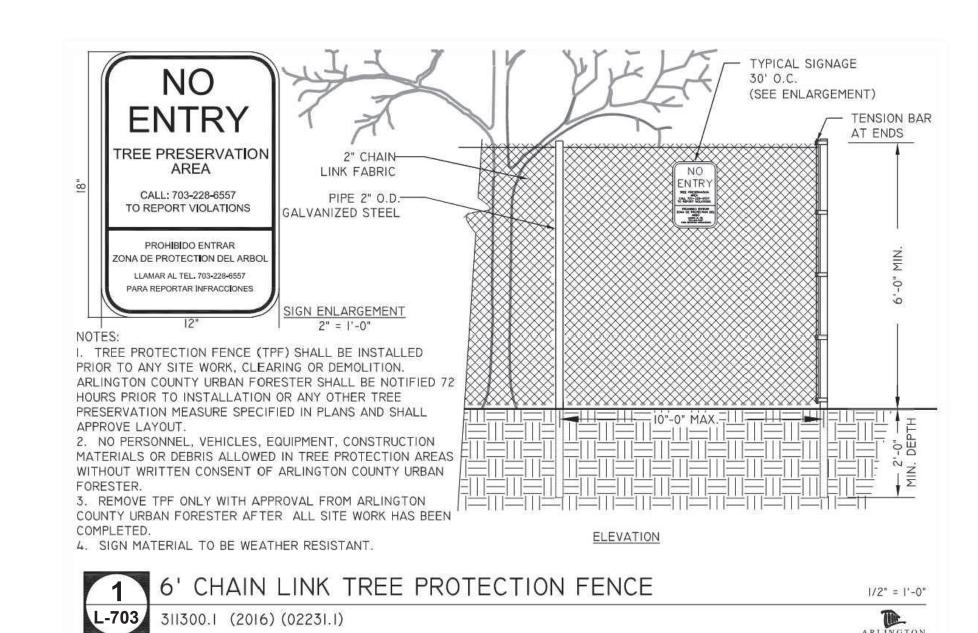
TREE INVENTORY SCHEDULES

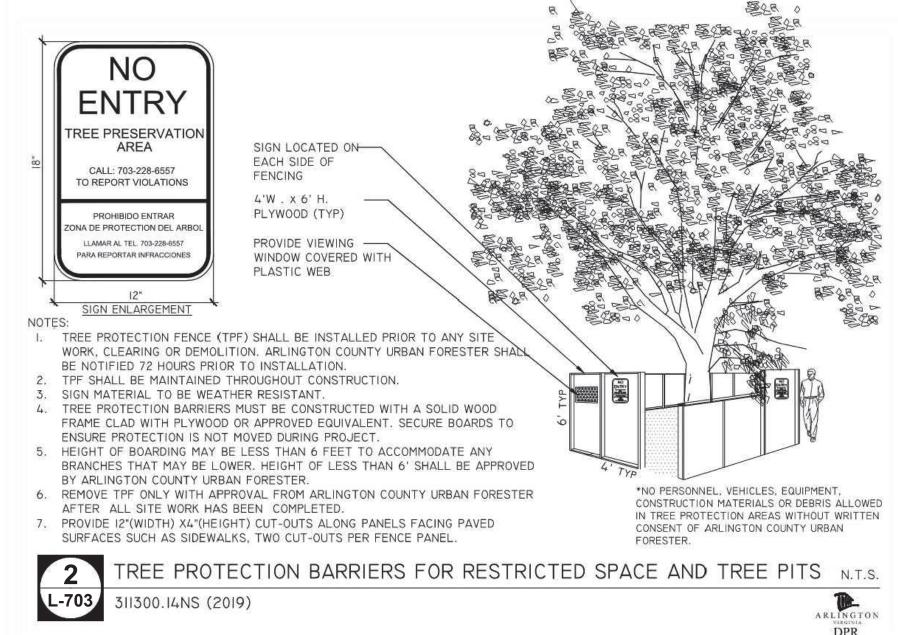
	Aulimenta in Dialora													
	Arlington Ridge 2480 S Glebe Rd, Arlington, VA 22206													
BASE INFORMATION TRUNK FORMULA METHOD COMPOUNDED ANNUAL MAINTENANCE COST												ICE COST		
# COMMON NA	COMMON NAME	BOTANICAL NAME	DIAMETER (DBH)	REMOVE	1 CONDITION RATING	2 LOCATION VALUE*	3 SPECIES RATING	4 BASIC TREE COST**	APRAISED VALUE (1X2X3X4)	5 MAINTENANCE COST	6 ANNUAL COMPOUND INTEREST FACTOR^	7 YEARS TO PARITY	COMPOUNDED ANNUAL MAINTENANCE COST (1+(6X7))X(5X7)	BOND FEE
			INCHES		%	%	%	\$	%	\$	INTEREST FACTOR	PARIT	\$	\$
2443	Bradford Pear	Pyrus calleryana	22.10"	NO	45%	70%	50%	\$29,770.00	\$4,688.78	\$65.00	7.25%	20	\$3,185.00	\$7,873.78
2445	Bradford Pear	Pyrus calleryana	24.10"	NO	40%	70%	50%	\$35,210.00	\$4,929.40	\$65.00	7.25%	22	\$3,710.85	\$8,640.25
2446	Bradford Pear	Pyrus calleryana	29.60"	NO	50%	70%	50%	\$52,610.00	\$9,206.75	\$65.00	7.25%	27	\$5,190.41	\$14,397.16
2509	Mulberry	Morus alba	26.68"	NO	30%	70%	45%	\$42,940.00	\$4,057.83	\$65.00	7.25%	24	\$4,274.40	\$8,332.23
2510	Tree of Heaven	Ailanthus altissima	18.40"	NO	45%	70%	45%	\$20,940.00	\$2,968.25	\$65.00	7.25%	16	\$2,246.40	\$5,214.65
2511	Black Locust	Robinia pseudoacacia	10.60"	NO	70%	70%	55%	\$7,620.00	\$2,053.59	\$65.00	7.25%	8	\$821.60	\$2,875.19
2512	Bradford Pear	Pyrus calleryana	15.20"	NO	75%	70%	50%	\$14,610.00	\$3,835.13	\$65.00	7.25%	13	\$1,641.41	\$5,476.54
2513	American Elm	Ulmus americana	8.60"	NO	70%	70%	55%	\$5,360.00	\$1,444.52	\$65.00	7.25%	6	\$559.65	\$2,004.17
2514	Black Locust	Robinia pseudoacacia	25.72"	NO	60%	70%	55%	\$39,960.00	\$9,230.76	\$65.00	7.25%	23	\$3,987.91	\$13,218.67
2515	American Elm	Ulmus americana	12.70"	NO	70%	70%	55%	\$10,500.00	\$2,829.75	\$65.00	7.25%	10	\$1,121.25	\$3,951.00
2516	Black Locust	Robinia pseudoacacia	10.61"	NO	65%	70%	55%	\$7,640.00	\$1,911.91	\$65.00	7.25%	8	\$821.60	\$2,733.51
2517	Pin Oak	Quercus palustris	41.10"	NO	80%	70%	65%	\$100,500.00	\$36,582.00	\$65.00	7.25%	39	\$9,702.71	\$46,284.71
2518	American Sycamore	Platanus occidentalis	30.10"	NO	0%	70%	60%	\$54,370.00	\$0.00	\$65.00	7.25%	28	\$5,514.60	\$5,514.60
2519	Pin Oak	Quercus palustris	35.80"	NO	85%	70%	65%	\$76,490.00	\$29,582.51	\$65.00	7.25%	33	\$7,276.91	\$36,859.42
	<u> </u>		-	_		-	_					-	TOTAL	163,375.88

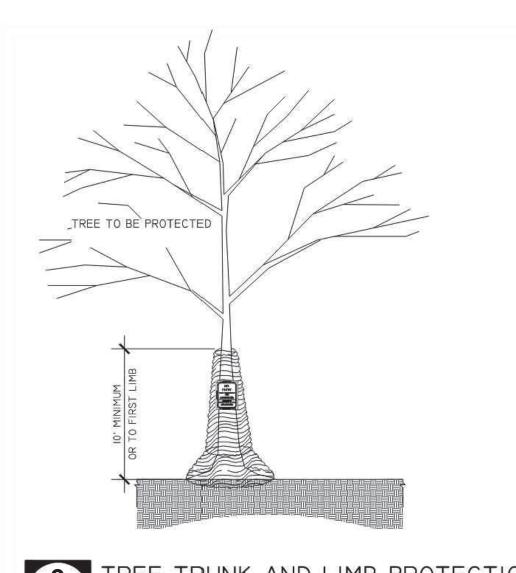
\*Location = (Site % + Contribution % + Placement %) ÷ 3

\*\*Basic Tree Cost = Trunk Area of appraised tree X Unit Tree Cost + Installed Tree Cost

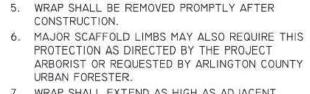
^Interest rate is based upon the current Prime Rate as set by the Federal Reserve Board (3.25%) plus 4%







AN APPROVED EQUAL. 2. WRAP SHALL BE INSTALLED BY A CERTIFIED WRAP SHALL BE INSTALLED PRIOR TO ANY SITE WORK, CLEARING OR DEMOLITION. hord coplan macht WRAP SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. REMOVE WRAP ONLY WITH APPROVAL AND AFTER ALL SITE WORK HAS BEEN COMPLETED. ARLINGTON COUNTY URBAN



TO REMOVAL.

FORESTER SHALL BE NOTIFIED 72 HOURS PRIOR

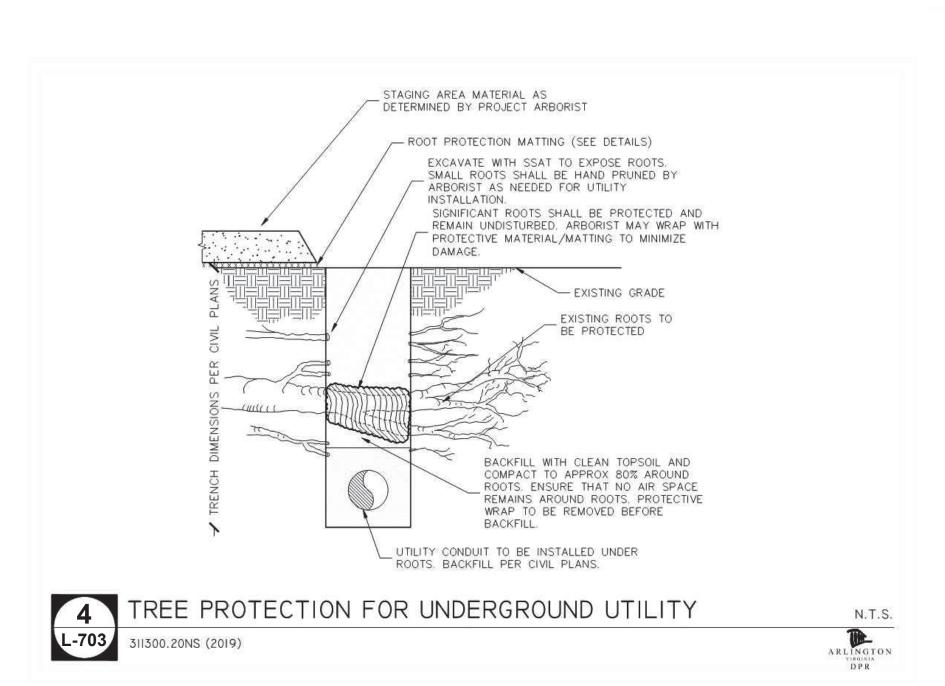
. TRUNK WRAP MATERIAL SHALL BE DOUBLE SIDED

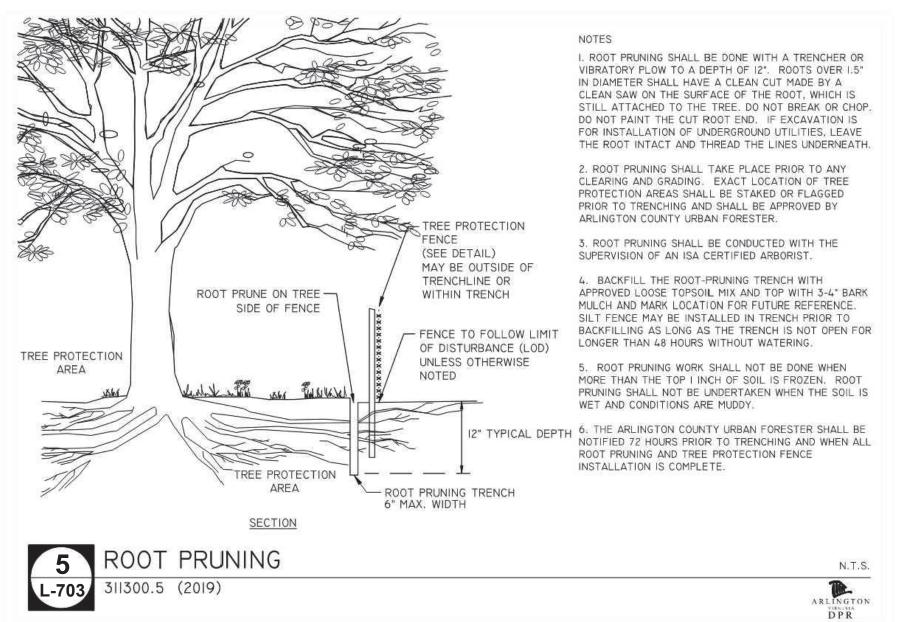
GEOCOMPOSITE, GEONET CORE WITH NON-WOVEN

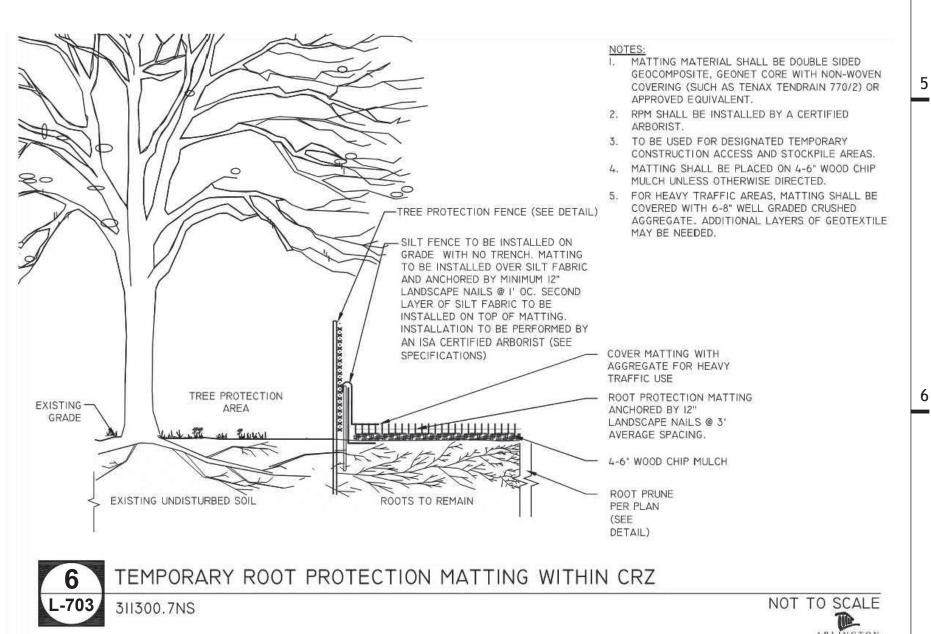
COVERING (SUCH AS TENAX TENDRAIN 770/2) OR

WRAP SHALL EXTEND AS HIGH AS ADJACENT MACHINERY THAT IS WORKING ADJACENT TO TREES. PROJECT ARBORIST AND ARLINGTON COUNTY URBAN FORESTER MAY REQUIRE DOUBLE WRAP OR HEAVY DUTY WRAP IN AREAS OF MAJOR EXCAVATION.









Project Number DC212206 2480 S GLEBE ROAD 4.1 SUBMISSION 10-28-2024

> TREE INVENTORY SCHEDULES & DETAILS

PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE

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AS NOTED

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1331 Pennsylvania Ave NW, Suite 1250

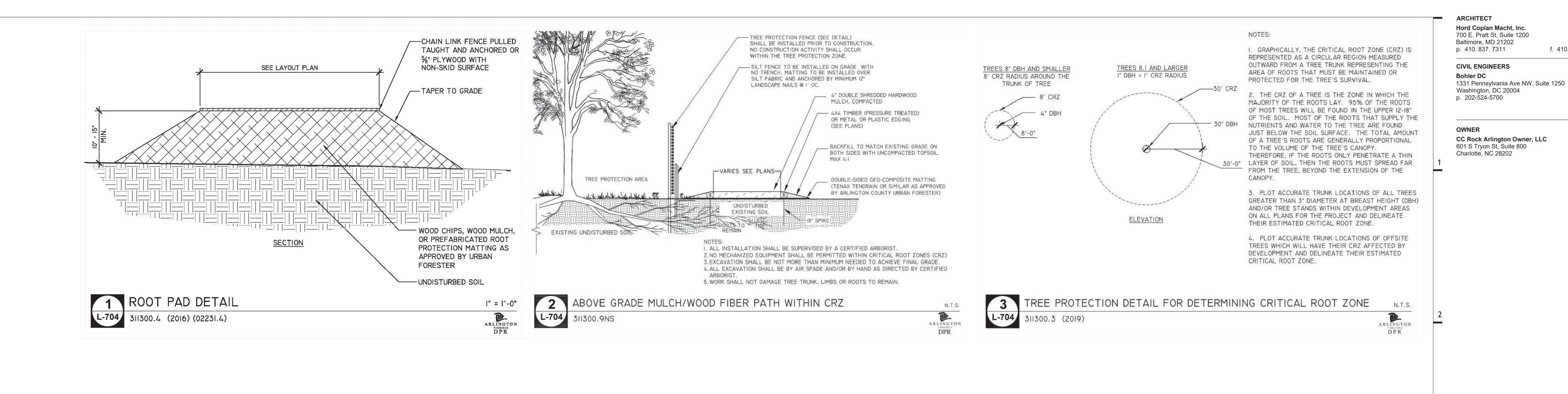
CC Rock Arlington Owner, LLC 601 S Tryon St, Suite 800 Charlotte, NC 28202

ARCHITECT

**CIVIL ENGINEERS** 

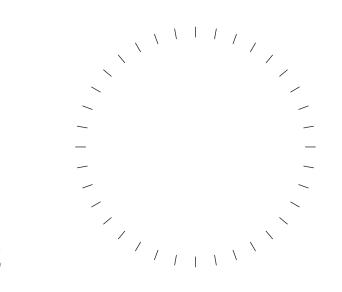
Washington, DC 20004 p. 202-524-5700

Bohler DC



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f. 410. 837. 6530



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no. date revision

Project Number DC212206

2480 S GLEBE ROAD

4.1 SUBMISSION

10-28-2024 Scale

AS NOTED

Drawing \_\_\_\_

TREE INVENTORY DETAILS

70