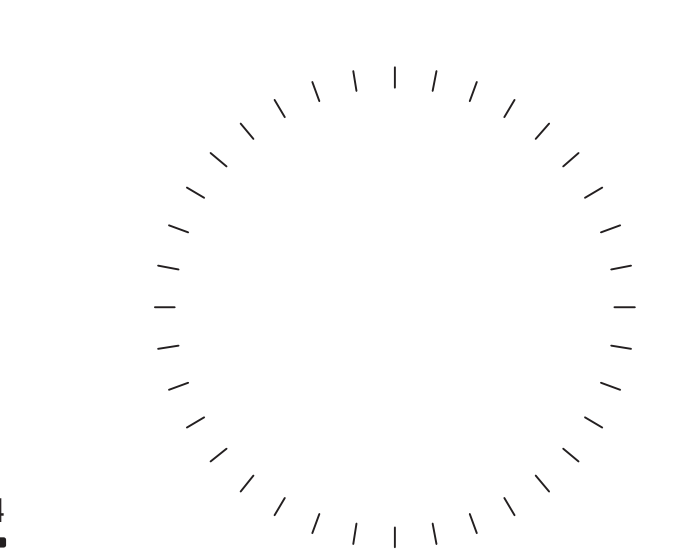


REFERENCE NOTES SCHEDULE

SYMBOL	CUSTOM DESCRIPTION	SYMBOL	POOL DESCRIPTION
(C-01A)	GRILL ENCLOSURE 01	(PL-01)	POOL
(C-01B)	GRILL ENCLOSURE 02	(PL-02)	POOL DECK
(C-01C)	GRILL ENCLOSURE 03	(PL-03)	POOL FENCE
(C-01D)	GRILL ENCLOSURE 04	SYMBOL	RAILINGS & FENCES DESCRIPTION
(C-01E)	GRILL ENCLOSURE 05	(R-01)	HANDRAIL
(C-01F)	GRILL ENCLOSURE 06	SYMBOL	FURNISHINGS DESCRIPTION
(C-02A)	TRELLIS 01	(SF-01A)	BENCH 01
(C-02B)	TRELLIS 02	(SF-01B)	BENCH 02
(C-02C)	TRELLIS 03	(SF-02)	TRASH AND RECYCLING RECEPTABLES
(C-02D)	TRELLIS 04	(SF-03)	FIRE PIT
(C-02E)	TRELLIS 05	(SF-04)	HAMMOCK
(C-02F)	TRELLIS 06	(SF-06)	BIKE RACK
(C-02G)	TRELLIS 07	SYMBOL	WALLS & STAIRS DESCRIPTION
(C-03)	DOUBLE-SIDED FIREPLACE	(W-01)	BIORETENTION WALL
SYMBOL	LIGHTING & ELECTRICAL DESCRIPTION		
(L-01)	STRING LIGHT		
(L-02)	STRING LIGHT POST		
(L-03)	STREETLIGHT - COUNTY STANDARD		
(L-04)	BOLLARD LIGHT		
SYMBOL	PAVING & CURBS DESCRIPTION		
(P-01)	CONCRETE PAVING		
(P-02)	UNIT PAVERS - TYPE 1		
(P-03)	UNIT PAVERS - TYPE 2		
(P-04)	UNIT PAVERS - TYPE 3		
(P-05)	UNIT PAVERS - TYPE 4		
(P-06)	DECOMPOSED GRANITE		

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no.	date	revision

Project Number
2023166

Project
2480 S GLEBE ROAD
ARLINGTON, VA 22206

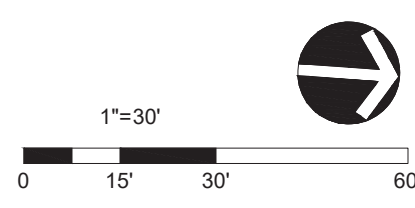
Phase
4.1 SITE PLAN SUBMISSION

Date
08.20.2024

Scale

Drawing
MATERIALS PLAN

No
L100



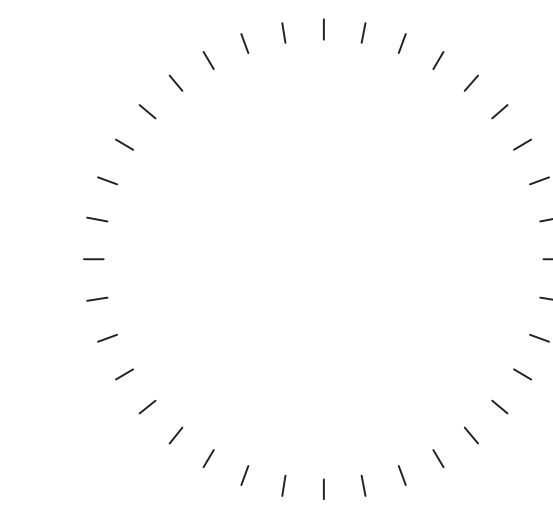
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LANDSCAPE ARCHITECT
LandDesign, Inc
 200 S Peyton St
 Alexandria, VA 22314 p. 703.549.7784

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 2023166

Project
 2480 S GLEBE ROAD
 ARLINGTON, VA 22206

Phase
 4.1 SITE PLAN SUBMISSION

Date
 08.20.2024
 Scale

Drawing
LANDSCAPE COMPLIANCE PLAN

No
L210

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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 LINEAR FEET		319 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 319 = 10	0	10	10

B

SITE LANDSCAPE REQUIREMENTS
 ARLINGTON COUNTY LANDSCAPE STANDARDS SECTION 14.2.2.B.1

ADJACENT ROAD NAME AND TYPE		24TH ROAD SOUTH - CR - 6720E		
TOTAL LINEAR 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

C

SCREENING REQUIREMENTS
 ARLINGTON COUNTY LANDSCAPE STANDARDS SECTION 14.2.4.E

ADJACENT ROAD NAME AND TYPE		LOMAX AVE ZION CHURCH - PARCEL ID 31-034-023		
TOTAL LINEAR FEET		388 LF		
DESCRIPTION	REQUIRED	PROVIDED		
BUFFER WIDTH	N/A	35' WIDE		
PLANT TYPE	REQUIREMENT	EXISTING	PROPOSED	TOTAL PROVIDED
TREE	1/35 LF X 388 = 16	0	36	36
TOTAL	16	0	36	36

TREE CANOPY TABLE
 CHESAPEAKE BAY PRESERVATION ORDINANCE SECTION 61-10.C.1

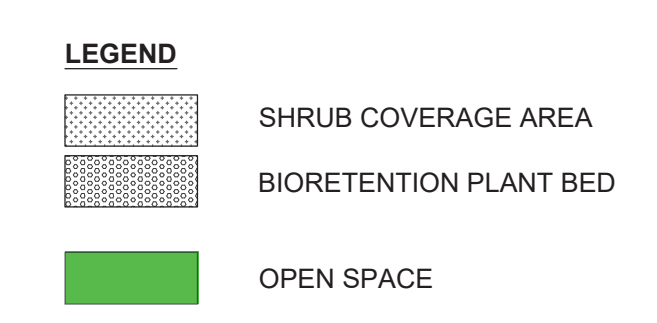
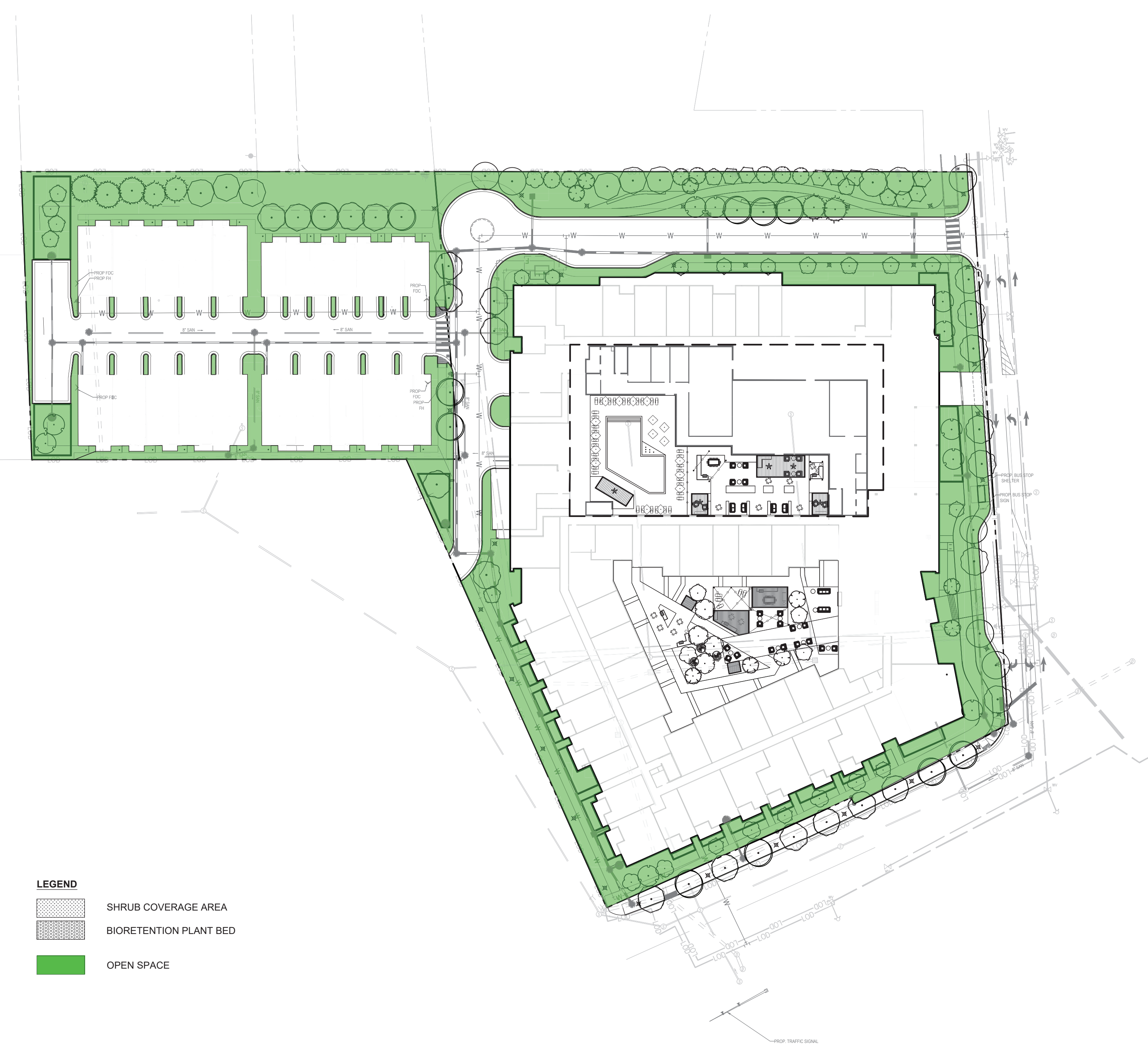
PROPOSED LAND USE	RESIDENTIAL 20 UNITS PER AC
TOTAL SITE AREA	240,336.62 SF
20 YEAR CANOPY REQUIREMENT	240,366.62 X 10% = 24,036.66 SF
CANOPY PROVIDED	
EXISTING TREE PRESERVATION CANOPY AREA	0 SF
PROPOSED CANOPY FROM LANDSCAPING	26,912.50 SF
TOTAL 20 YEAR CANOPY PROVIDED	26,912.50 SF (11.20%)

SHRUB COVERAGE CALCULATION
 ARLINGTON COUNTY ZONING PER CHAPTER 14.2.2 LANDSCAPING

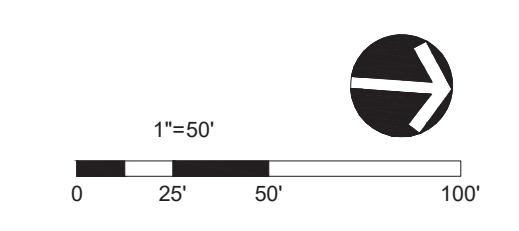
SHRUB COVER REQUIREMENT	25%
LANDSCAPED AREA ON SITE	50,244.89 SF
REQUIRED MINIMUM SHRUB COVERAGE	12,561.22 SF
SHRUB COVERAGE PROVIDED	
PROPOSED SHRUB COVERAGE	12,596.62 SF
PROPOSED SHRUB COVERAGE PERCENTAGE	25%

OPEN SPACE CALCULATION
 ARLINGTON COUNTY, VA ZONING ORDINANCE PER CHAPTER 7.3.4D

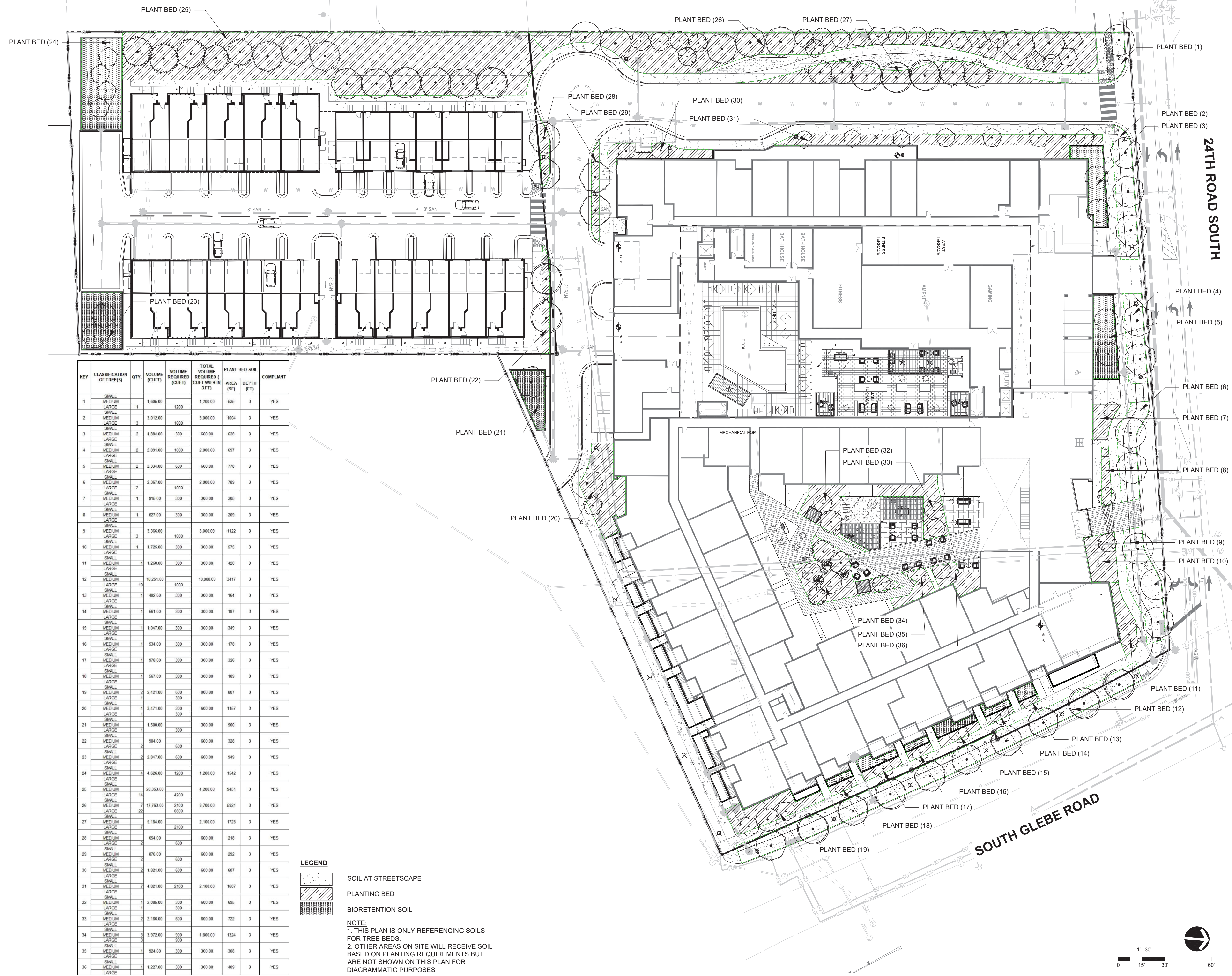
OPEN SPACE REQUIREMENT	10%
TOTAL SITE AREA	240,336.62 SF
REQUIRED MINIMUM OPEN SPACE	24,036.66 SF
OPEN SPACE PROVIDED	
PROPOSED OPEN SPACE	64,366.44 SF
PROPOSED OPEN SPACE PERCENTAGE	26.78%



A B C D E F G H J



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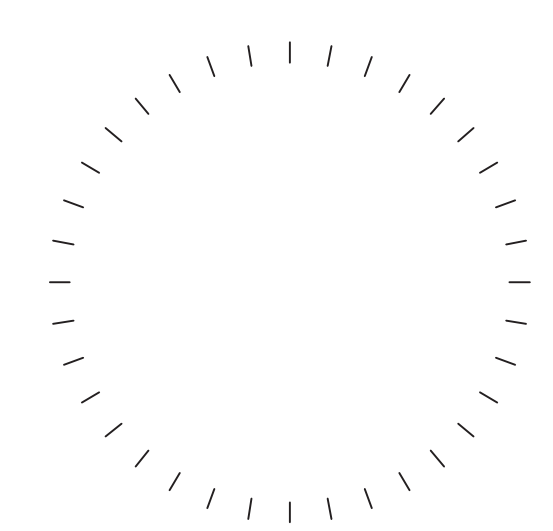
KEY	CLASSIFICATION OF TREE(S)	QTY.	VOLUME (CUFT)	VOLUME REQUIRED (CUFT)	TOTAL VOLUME REQUIRED (CUFT WITH 3FT)	PLANT BED SOIL AREA (SF)	DEPTH (FT)	COMPLIANT
1	SMALL	1	1,655.00	1,200.00	535	3	YES	
	LARGE	1	1,200.00	1,200.00	0	3	YES	
2	SMALL	3	3,012.00	1,000.00	3,000.00	1004	3	YES
	LARGE	3	1,884.00	300.00	628	3	YES	
3	SMALL	2	2,091.00	1,000.00	2,000.00	697	3	YES
	LARGE	2	2,334.00	600.00	600.00	778	3	YES
4	SMALL	2	2,367.00	1,000.00	2,000.00	789	3	YES
	LARGE	2	915.00	300.00	300.00	305	3	YES
5	SMALL	1	627.00	300.00	300.00	209	3	YES
	LARGE	1	3,366.00	1,000.00	3,000.00	1122	3	YES
6	SMALL	1	1,725.00	300.00	300.00	575	3	YES
	LARGE	1	1,260.00	300.00	300.00	420	3	YES
7	SMALL	10	10,251.00	1,000.00	10,000.00	3417	3	YES
	LARGE	10	482.00	300.00	300.00	164	3	YES
8	SMALL	1	661.00	300.00	300.00	187	3	YES
	LARGE	1	1,047.00	300.00	300.00	349	3	YES
9	SMALL	1	534.00	300.00	300.00	178	3	YES
	LARGE	1	978.00	300.00	300.00	326	3	YES
10	SMALL	1	967.00	300.00	300.00	169	3	YES
	LARGE	2	2,421.00	600.00	900.00	807	3	YES
11	SMALL	1	3,471.00	300.00	600.00	1157	3	YES
	LARGE	1	1,500.00	300.00	300.00	500	3	YES
12	SMALL	2	984.00	600.00	600.00	328	3	YES
	LARGE	2	2,847.00	600.00	600.00	949	3	YES
13	SMALL	4	4,626.00	1,200.00	1,200.00	1542	3	YES
	LARGE	14	20,353.00	4,200.00	4,200.00	9451	3	YES
14	SMALL	7	17,763.00	2,100.00	8,700.00	5821	3	YES
	LARGE	22	5,184.00	2,100.00	2,100.00	1728	3	YES
15	SMALL	2	664.00	600.00	600.00	218	3	YES
	LARGE	2	876.00	600.00	600.00	292	3	YES
16	SMALL	2	1,821.00	600.00	600.00	607	3	YES
	LARGE	7	4,821.00	2,100.00	2,100.00	1667	3	YES
17	SMALL	1	2,885.00	300.00	600.00	695	3	YES
	LARGE	1	2,166.00	600.00	600.00	722	3	YES
18	SMALL	3	3,972.00	900.00	1,800.00	1324	3	YES
	LARGE	3	924.00	300.00	300.00	308	3	YES
19	SMALL	1	1,227.00	300.00	300.00	499	3	YES
	LARGE	1						

LEGEND

- SOIL AT STREETSCAPE
- PLANTING BED
- BIORETENTION SOIL

NOTE:
 1. THIS PLAN IS ONLY REFERENCING SOILS FOR TREE BEDS.
 2. OTHER AREAS ON SITE WILL RECEIVE SOIL BASED ON PLANTING REQUIREMENTS BUT ARE NOT SHOWN ON THIS PLAN FOR DIAGRAMMATIC PURPOSES

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no. date revision

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 2023166

Project
 2480 S GLEBE ROAD
 ARLINGTON, VA 22206

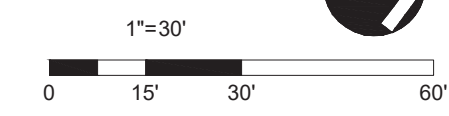
Phase
 4.1 SITE PLAN SUBMISSION

Date
 08.20.2024

Scale

Drawing
SOILS PLAN

No.
L220

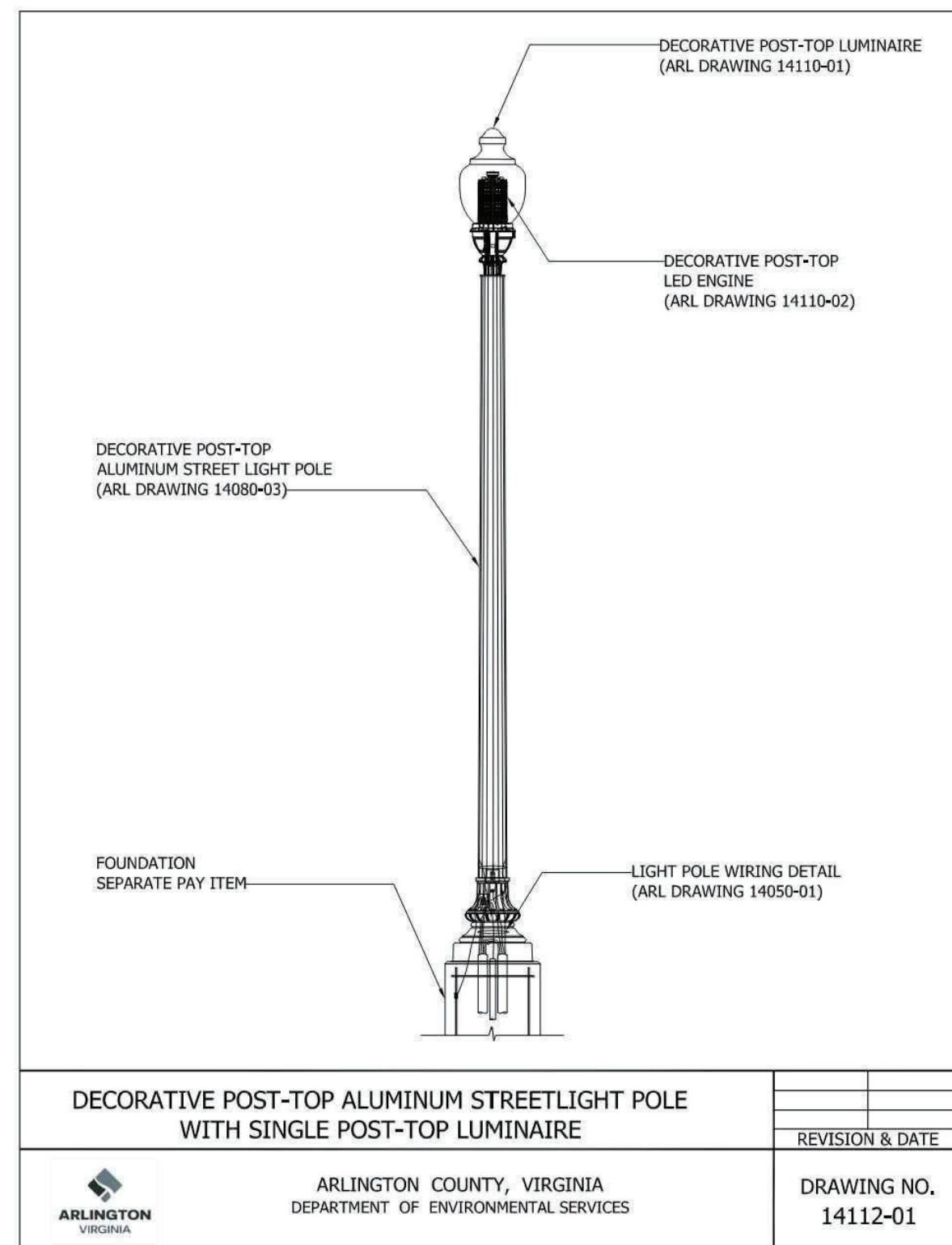
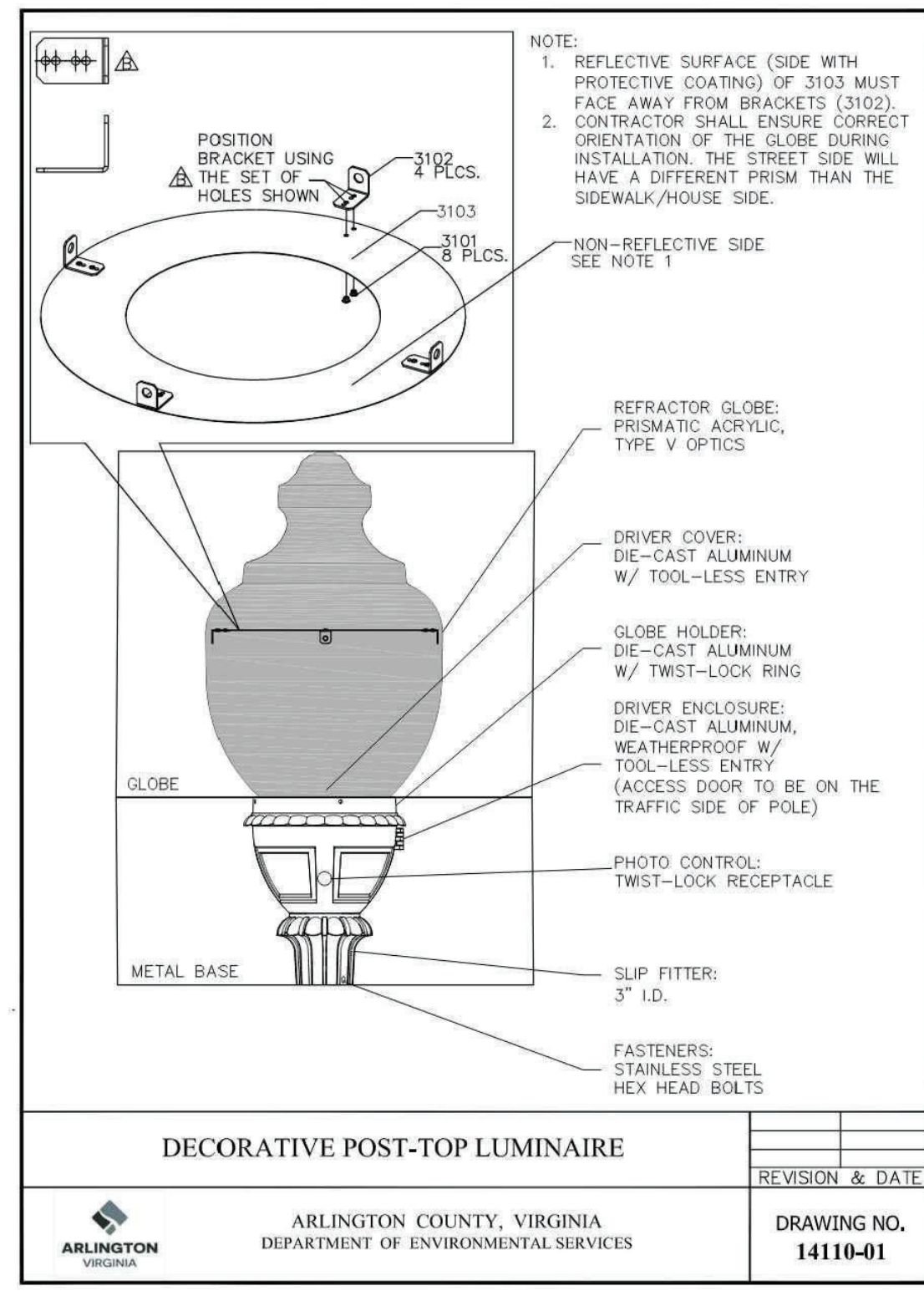
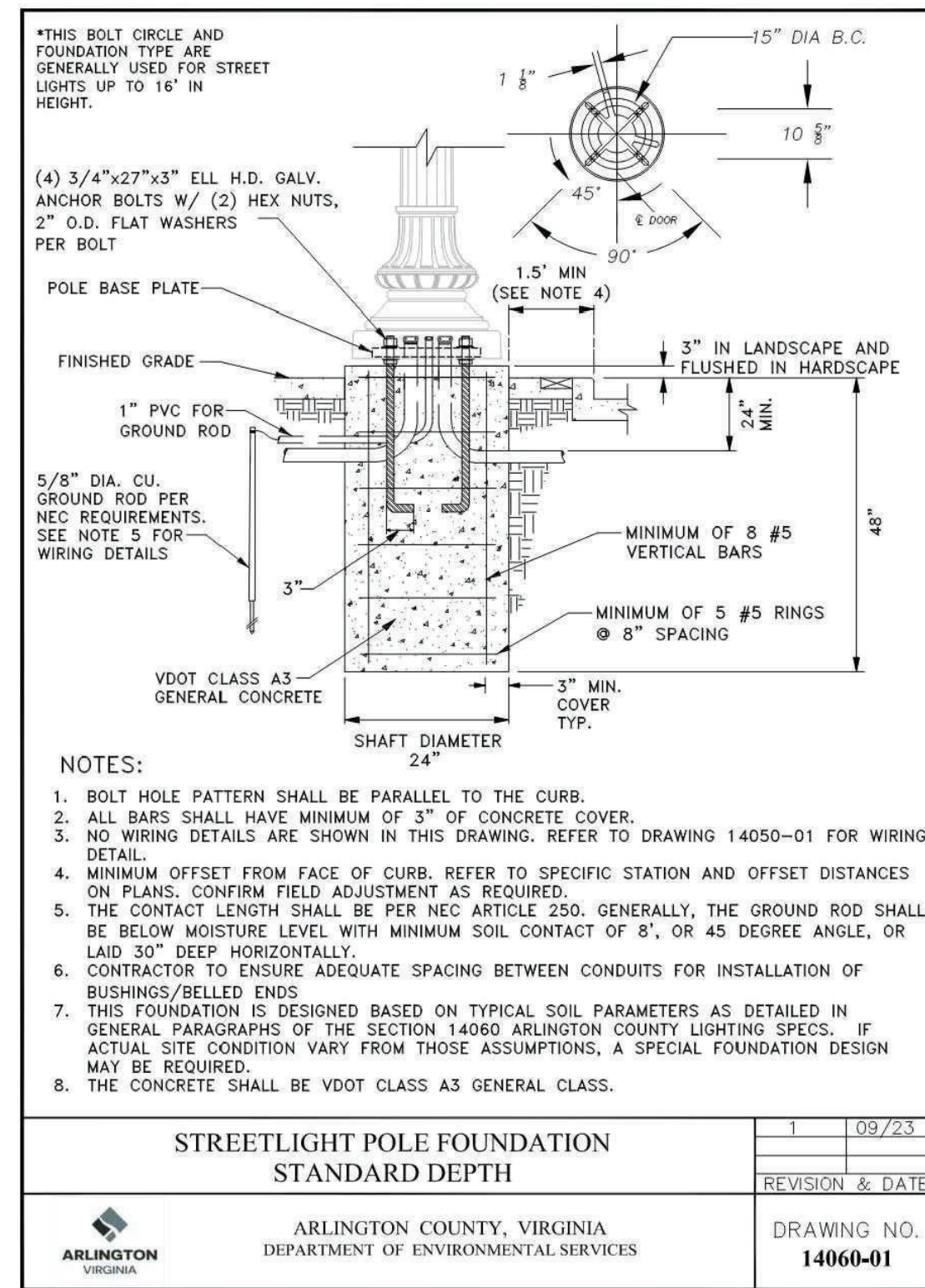




NOTE:
OR CLIENT/COUNTY APPROVED
EQUAL

1 BIKE RACK
L301 SECTION

NTS



2 STREETLIGHT - COUNTY STANDARD
L301 SECTION

NTS

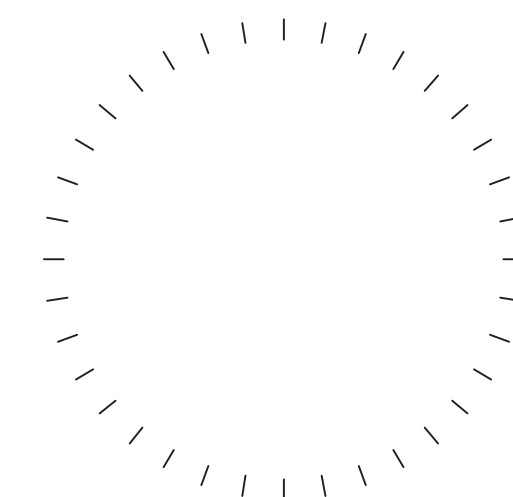
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ARLINGTON, VA 22206

Phase

4.1 SITE PLAN SUBMISSION

Date

08.20.2024

Scale

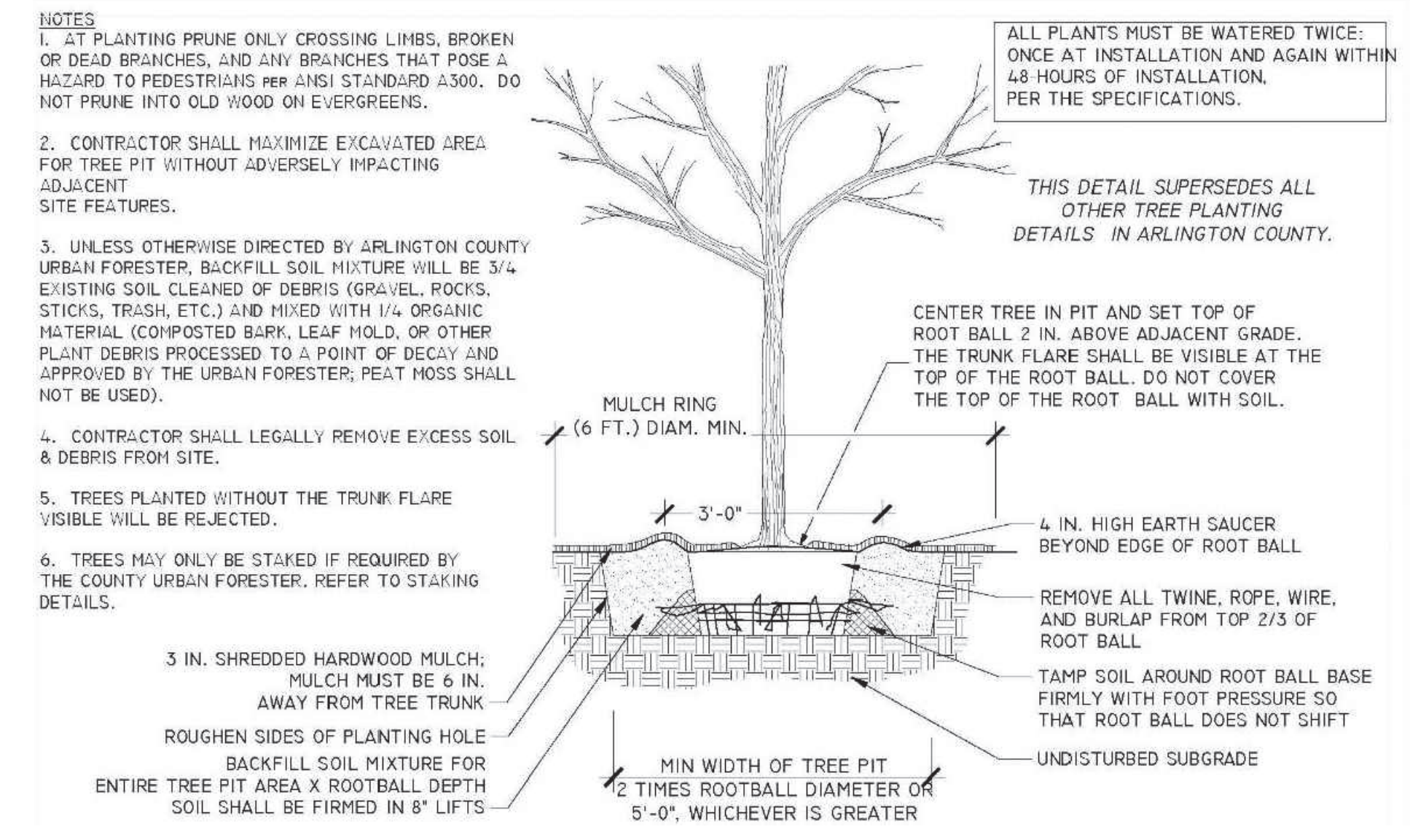
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DETAILS - FURNISHINGS

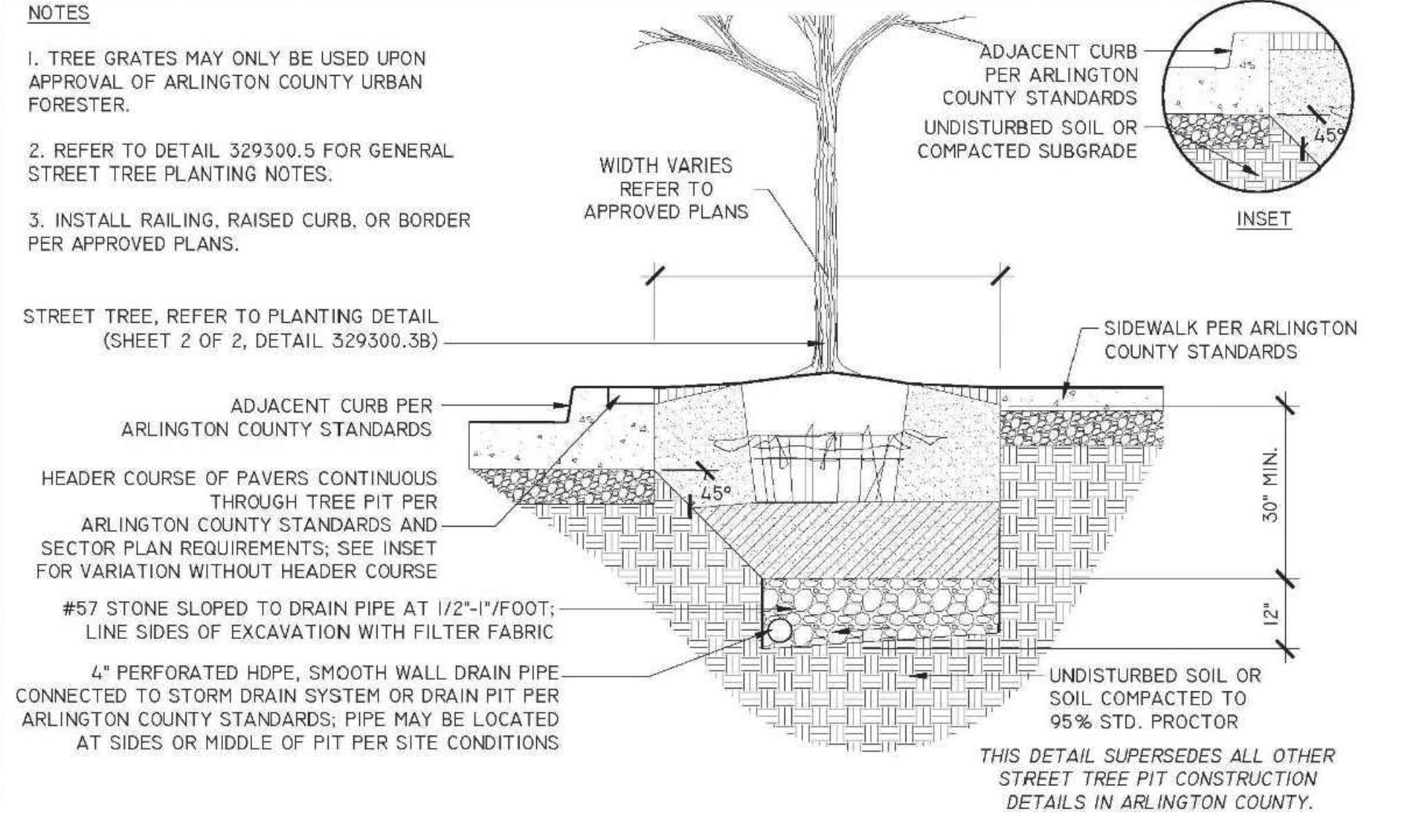
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L301

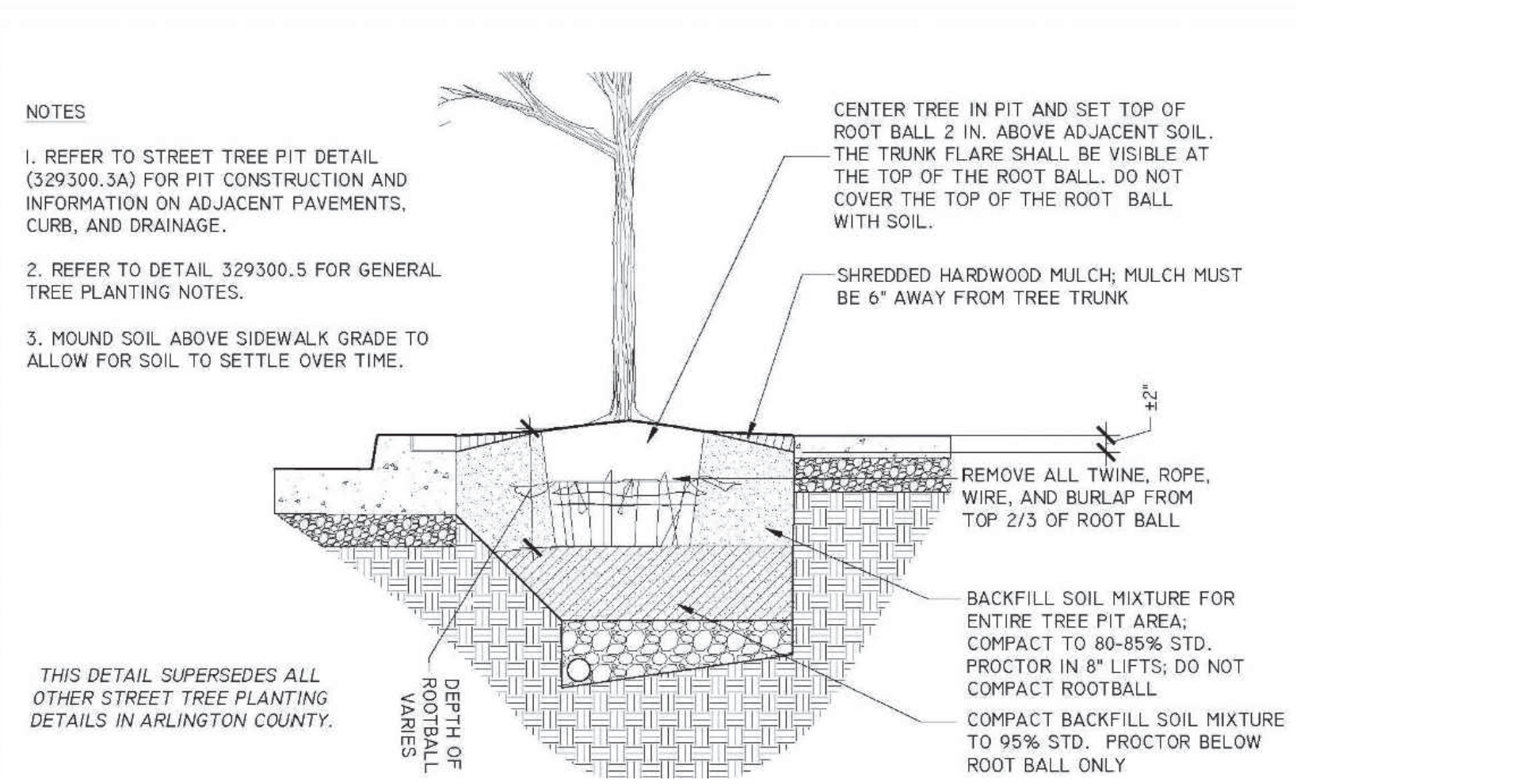
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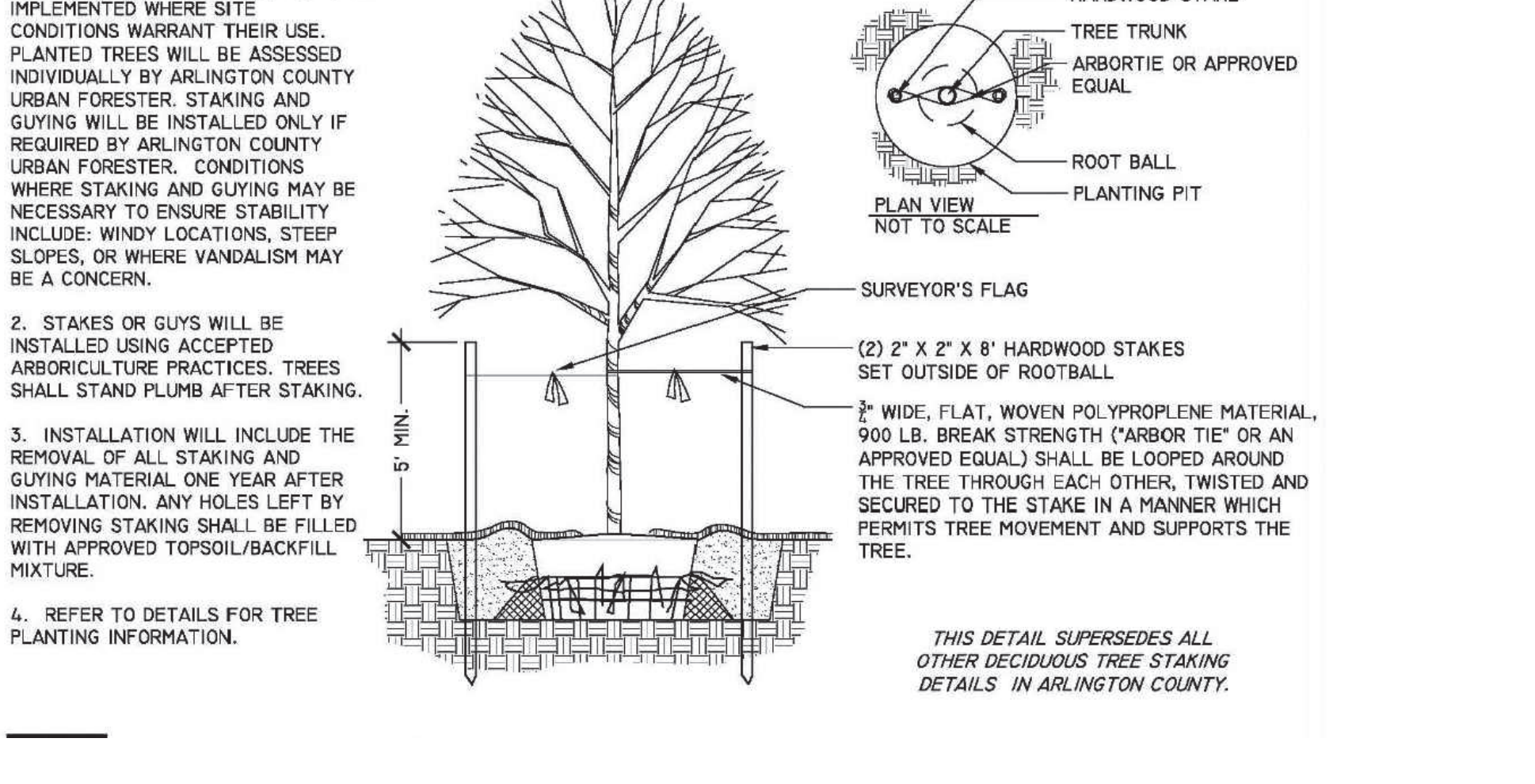
1 TREE PLANTING DETAIL
 SECTION L400 NOT TO SCALE



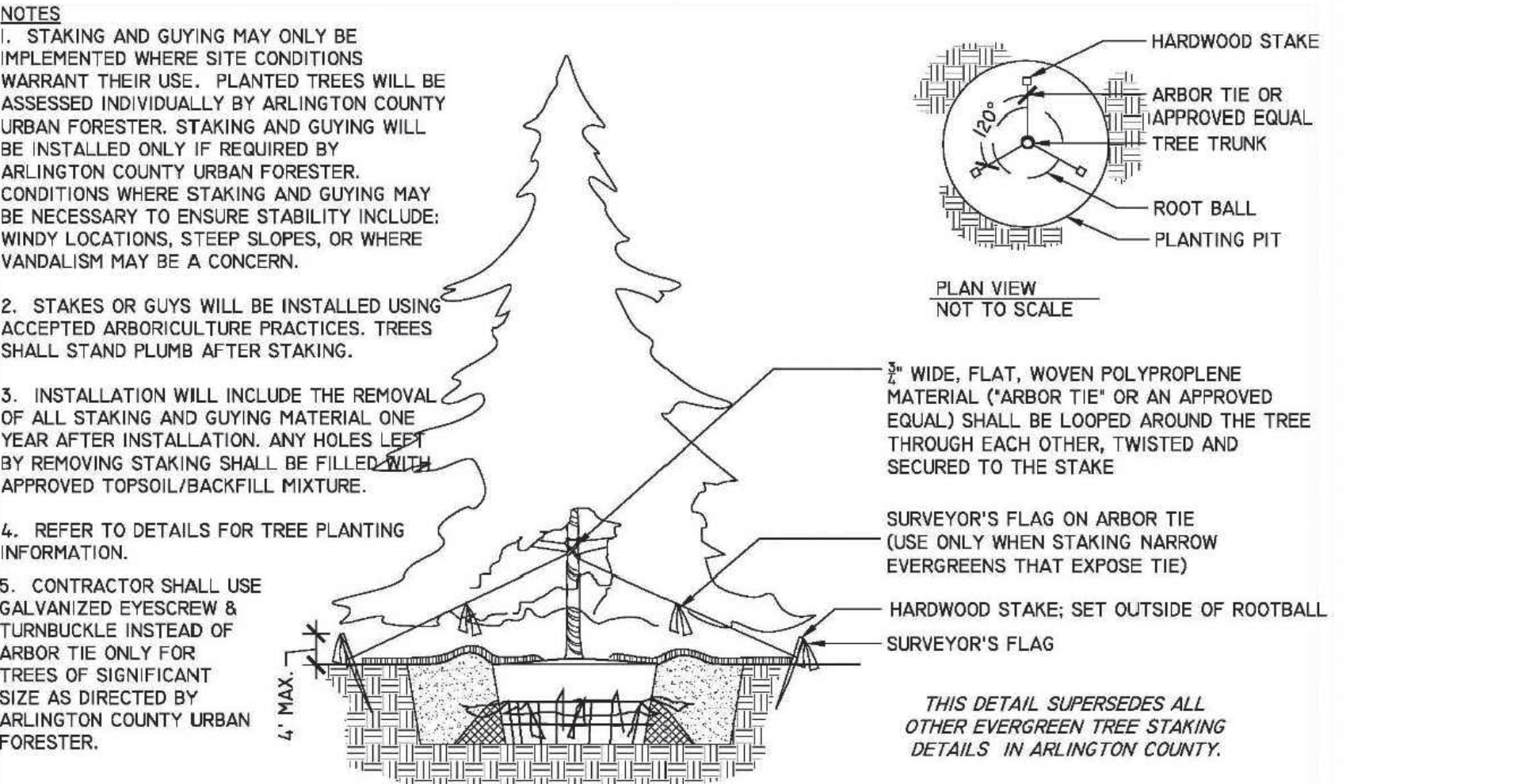
2 STREET TREE PLANTING PIT (SHEET 1 OF 2)
 SECTION L400 NOT TO SCALE



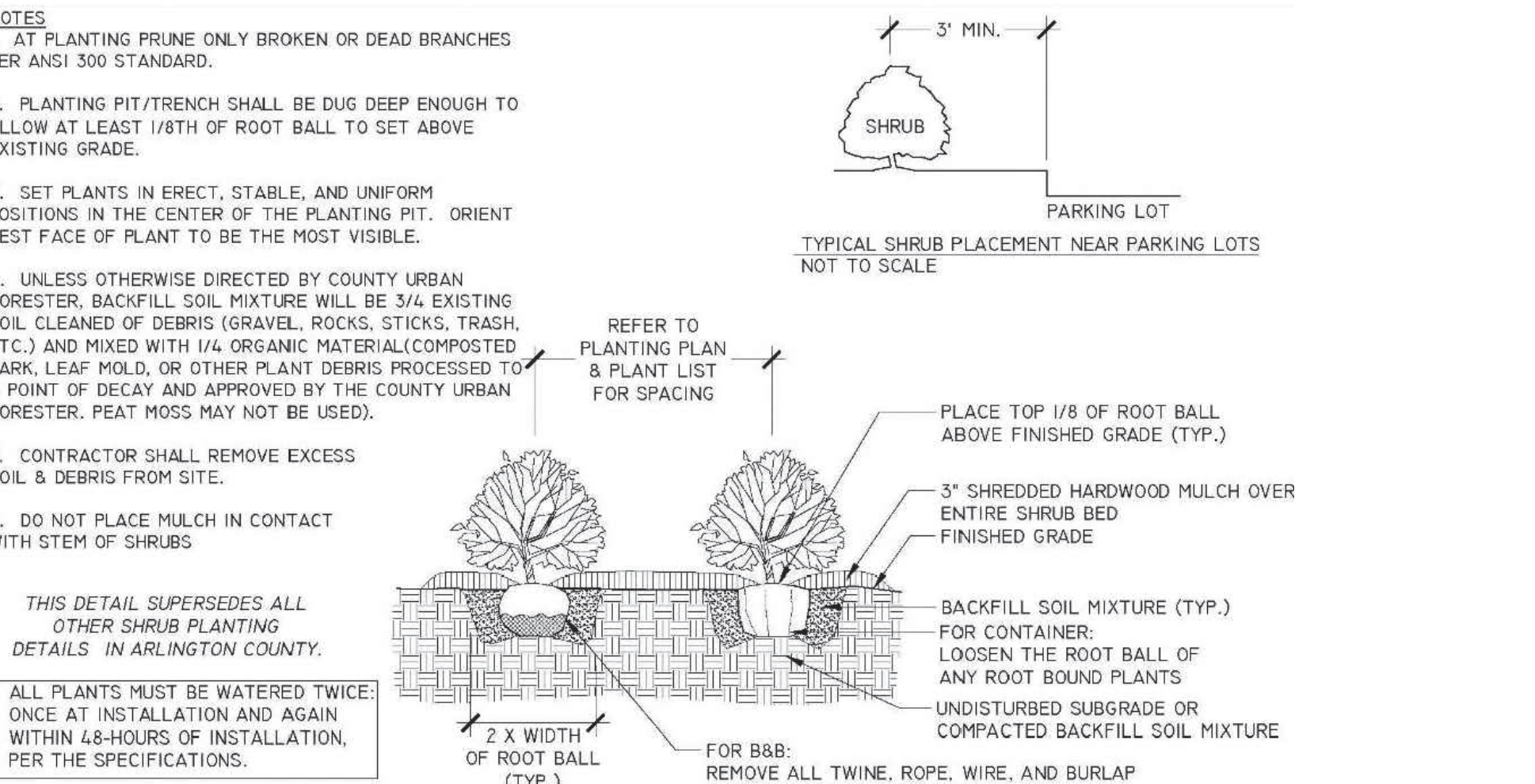
3 STREET TREE PLANTING PIT (SHEET 2 OF 2)
 SECTION L400 NOT TO SCALE



4 DECIDUOUS TREE STAKING
 SECTION L400 NOT TO SCALE

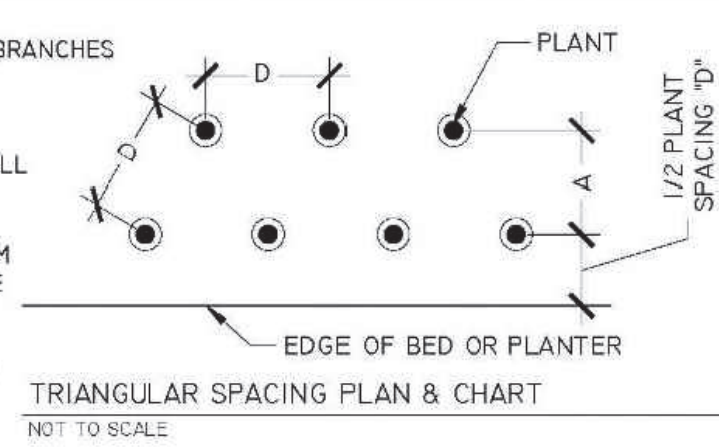


5 EVERGREEN TREE STAKING
 SECTION L400 NOT TO SCALE



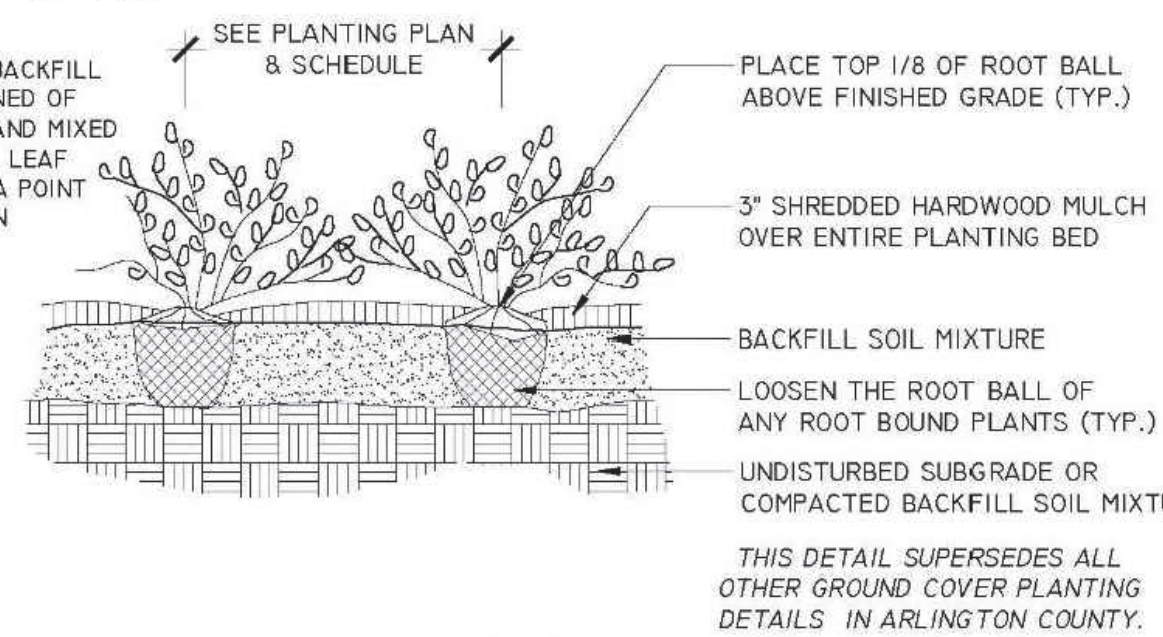
6 SHRUB PLANTING
 SECTION L400 NOT TO SCALE

- NOTES**
1. AT PLANTING PRUNE ONLY BROKEN OR DEAD BRANCHES PER ANSI 300 STANDARD.
 2. PLANTING PIT/TRENCH SHALL BE DUG DEEP ENOUGH TO ALLOW AT LEAST 1/8TH OF ROOT BALL TO SET ABOVE EXISTING GRADE.
 3. SET PLANTS IN ERECT, STABLE, AND UNIFORM POSITIONS. ORIENT BEST FACE OF PLANT TO BE THE MOST VISIBLE.
 4. GROUND COVERS AND PERENNIALS SHALL BE INSTALLED WITH TRIANGULAR SPACING. REFER TO CHART.



PLANT SPACING TO O.C.	ROW O.C.	PLANTS PER S.F.
6"	5"	4.00
8"	7"	2.25
9"	8"	1.77
12"	10"	1.00
15"	13"	0.77
18"	16"	0.44

4. UNLESS OTHERWISE DIRECTED BY PROJECT SPECIFICATIONS OR COUNTY URBAN FORESTER, BACKFILL SOIL MIXTURE WILL BE 3/4 EXISTING SOIL CLEANED OF DEBRIS (GRAVEL, ROCKS, STICKS, TRASH, ETC.) AND MIXED WITH 1/4 ORGANIC MATERIAL (COMPOSTED BARK, LEAF MOLD, OR OTHER PLANT DEBRIS PROCESSED TO A POINT OF DECAY AND APPROVED BY THE COUNTY URBAN FORESTER; PEAT MOSS SHALL NOT BE USED).
5. CONTRACTOR SHALL REMOVE EXCESS SOIL & DEBRIS FROM SITE.
6. DO NOT PLACE MULCH IN CONTACT WITH STEM OF PLANTS.



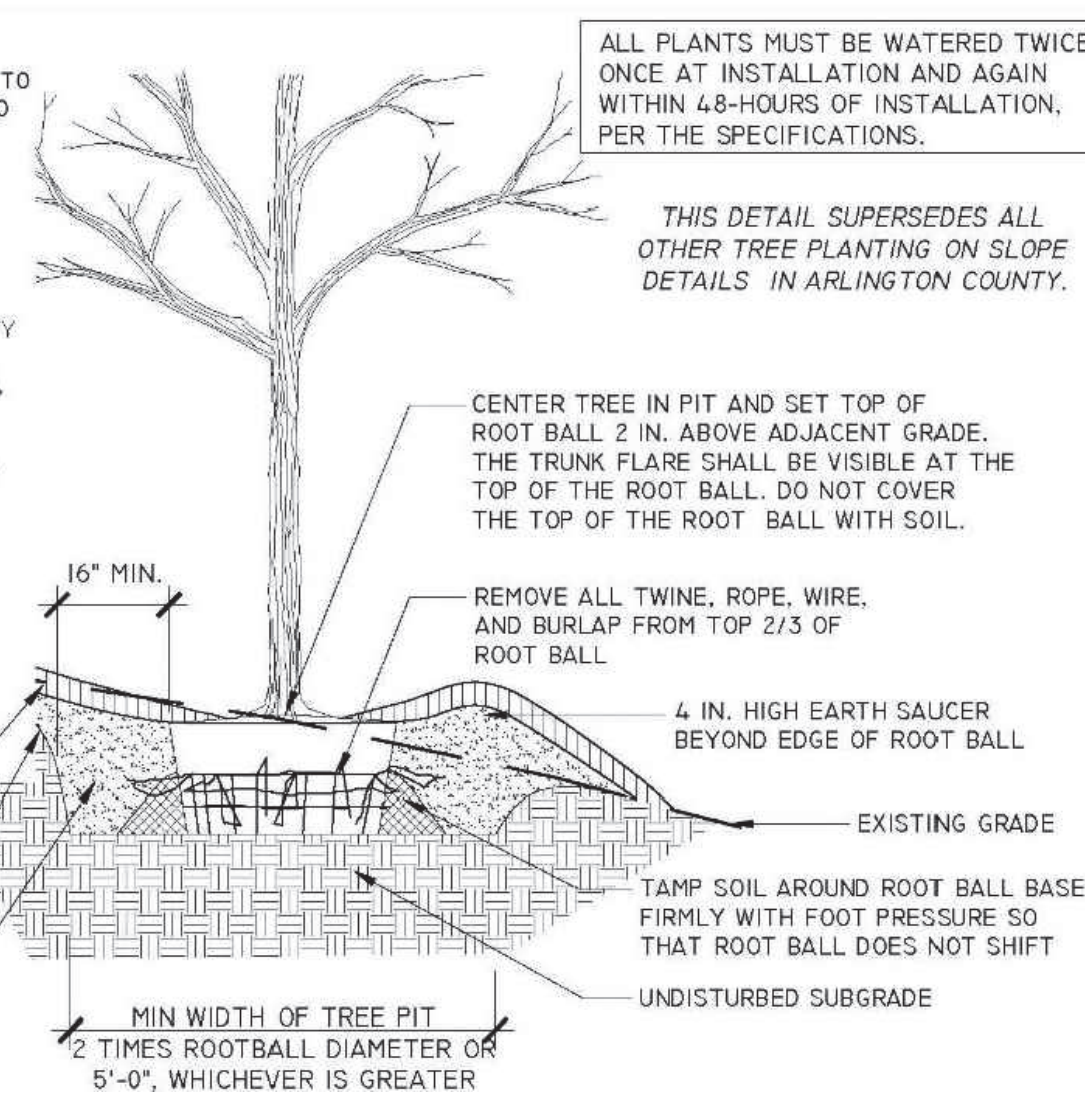
ALL PLANTS MUST BE WATERED TWICE: ONCE AT INSTALLATION AND AGAIN WITHIN 48-HOURS OF INSTALLATION, PER THE SPECIFICATIONS.

1 GROUND COVERS & PERENNIAL PLANTING

L401 SECTION

NOT TO SCALE

- NOTES**
1. AT PLANTING PRUNE ONLY CROSSING LIMBS, BROKEN OR DEAD BRANCHES, AND ANY BRANCHES THAT POSE A HAZARD TO PEDESTRIANS PER ANSI STANDARD A300. DO NOT PRUNE INTO OLD WOOD ON EVERGREENS.
 2. CONTRACTOR SHALL MAXIMIZE EXCAVATED AREA FOR TREE PIT WITHOUT ADVERSELY IMPACTING ADJACENT SITE FEATURES.
 3. UNLESS OTHERWISE DIRECTED BY THE ARLINGTON COUNTY URBAN FORESTER, BACKFILL SOIL MIXTURE WILL BE 3/4 EXISTING SOIL CLEANED OF DEBRIS (GRAVEL, ROCKS, STICKS, TRASH, ETC.) AND MIXED WITH 1/4 ORGANIC MATERIAL (COMPOSTED BARK, LEAF MOLD, OR OTHER PLANT DEBRIS PROCESSED TO A POINT OF DECAY AND APPROVED BY THE URBAN FORESTER; PEAT MOSS SHALL NOT BE USED).
 4. CONTRACTOR SHALL LEGALLY REMOVE EXCESS SOIL & DEBRIS FROM SITE.
 5. TREES PLANTED WITHOUT THE TRUNK FLARE VISIBLE WILL BE REJECTED.
 6. TREES MAY ONLY BE STAKED IF REQUIRED BY THE COUNTY URBAN FORESTER. REFER TO STAKING DETAILS.



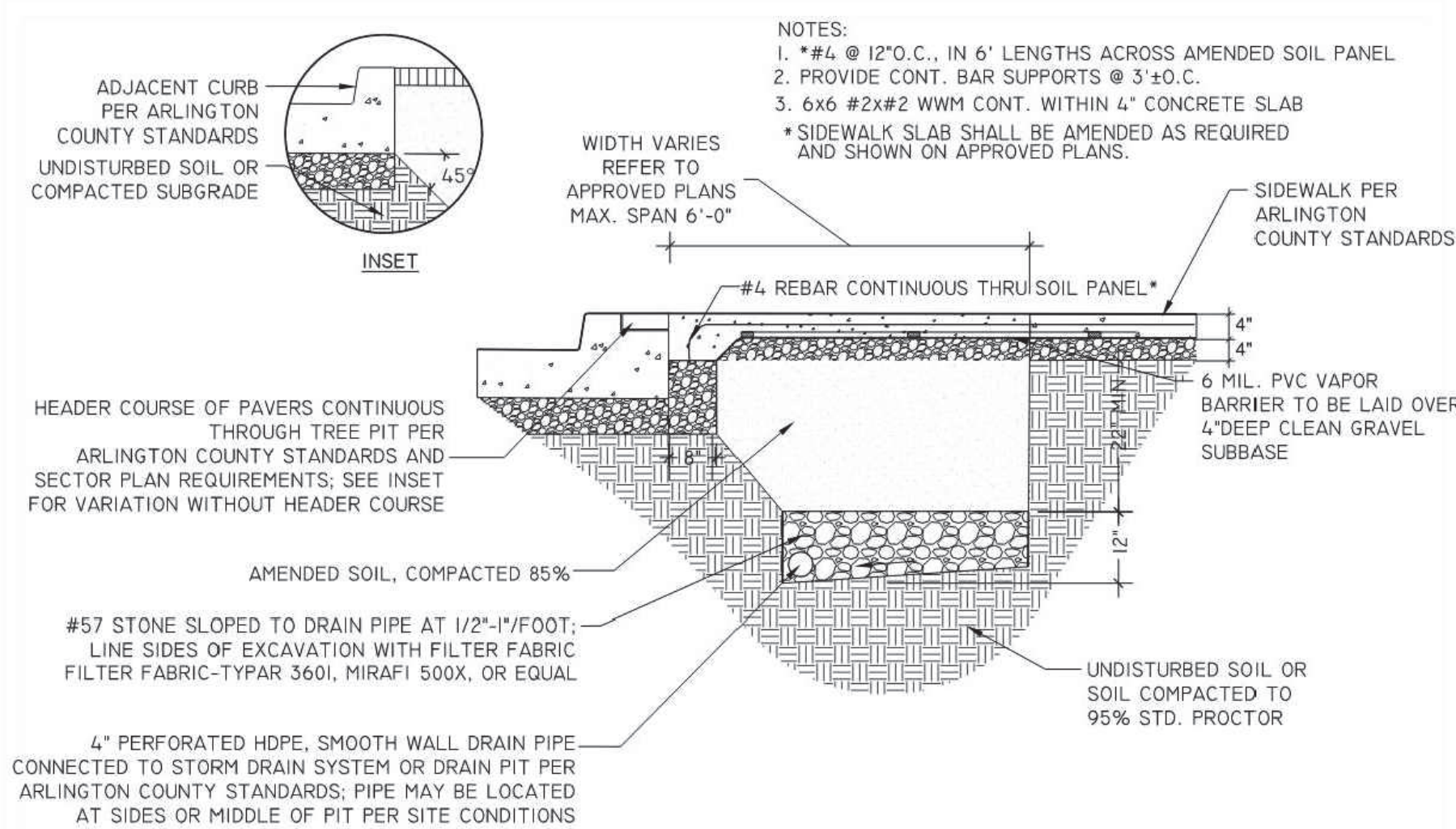
2 TREE PLANTING ON SLOPE

L401 SECTION

1/2" = 1'-0"

- NOTES**
1. NOTIFY THE DPR URBAN FORESTER AT LEAST 72 HOURS IN ADVANCE OF THE SCHEDULED INSTALLATION OF TREE PITS AND PLANTING OF ANY STREET TREES FOR INSPECTION.
 2. A PERMIT IS REQUIRED WHEN TREES ARE PLANTED IN PUBLIC RIGHT-OF-WAY OR IN A PUBLIC EASEMENT. THE DEPARTMENT OF ENVIRONMENTAL SERVICES SHALL ISSUE THE PERMIT ACCORDING TO THE PROVISIONS OF THE CURRENT ARLINGTON COUNTY ADMINISTRATIVE REGULATION 4.3.
 3. TREE SPECIES SHALL BE SELECTED FROM THE ARLINGTON COUNTY STREET TREE LIST OR PER SECTOR PLAN REQUIREMENTS.
 4. TREES SHALL BE NURSERY GROWN SPECIMENS THAT MEET THE LATEST EDITION OF THE AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60). BALLED AND BURLAPPED TREES SHALL BE SECURELY HELD IN PLACE BY UNTREATED BURLAP AND STOUT ROPE (NYLON ROPE IS NOT ACCEPTABLE). LOOSE, BROKEN OR MANUFACTURED BALLS ARE UNACCEPTABLE.
 5. CALL MISS UTILITY AT (800) 552-7001 FOR UTILITY LOCATIONS PRIOR TO EXCAVATION.
 6. AT TIME OF PLANTING PRUNE ONLY CROSSING LIMBS, BROKEN OR DEAD BRANCHES, AND ANY BRANCHES THAT POSE A HAZARD TO PEDESTRIANS. DO NOT PRUNE INTO OLD WOOD ON EVERGREENS.
 7. TREE PIT AND TREE STRIP PLANTING AREA DIMENSIONS: SEE PLAN.
 8. SPACE TREES 25'-30' APART OR PER SECTOR PLAN REQUIREMENTS OR SITE CONDITIONS.
 9. SITE CHARACTERISTICS, SUCH AS OVERHEAD POWER LINES, EXISTING VEGETATION AND INFRASTRUCTURE ITEMS SUCH AS CURBS, SIDEWALKS AND UTILITIES SHALL BE CONSIDERED. TREES THAT GROW TALLER THAN 25 FEET SHOULD NOT BE PLANTED DIRECTLY UNDER POWER LINES. WHEN POSSIBLE THE TREE LEADER SHALL BE OFFSET FROM POWER LINES.

10. BACKFILL SOIL MIXTURE SHALL BE 3/4 EXISTING SOIL CLEANED OF DEBRIS (GRAVEL, ROCKS, STICKS, TRASH, ETC.) AND MIXED WITH 1/4 ORGANIC MATERIAL (COMPOSTED BARK, LEAF MOLD, OR OTHER PLANT DEBRIS PROCESSED TO A POINT OF DECAY AND APPROVED BY THE COUNTY URBAN FORESTER; PEAT MOSS MAY NOT BE USED).
11. IF THE QUANTITY OF ACCEPTABLE EXISTING SOIL IS INSUFFICIENT FOR THE PLANTING REQUIREMENTS, THE CONTRACTOR MAY USE TOPSOIL. SOIL TEST REPORT RESULTS FOR THE TOPSOIL WILL BE MADE AVAILABLE TO THE COUNTY URBAN FORESTER UPON REQUEST. CONTRACTOR SHALL SUBMIT TOPSOIL FOR APPROVAL TO COUNTY URBAN FORESTER THAT MEETS THE FOLLOWING SPECIFICATIONS:
 - (A.) TOPSOIL CONSISTS OF A SANDY LOAM WITH UNIFORM COMPOSITION AND IS FREE OF STONES, LUMPS, PLANTS, ROOTS, AND OTHER DEBRIS OVER 1/2" IN LENGTH.
 - (B.) TOPSOIL HAS A PH RANGE OF 5.5 TO 6.5 AND A MINIMUM CONTENT OF 1.0% ORGANIC MATTER.
 - (C.) TOPSOIL DOES NOT CONTAIN TOXIC SUBSTANCES HARMFUL TO PLANT GROWTH. SOLUBLE SALT LEVEL SHALL NOT EXCEED 3 MILLIGRAMS PER CENTIMETER.
12. TREES PLANTED WITHOUT THE TRUNK FLARE VISIBLE WILL BE REJECTED.
13. TREES MAY ONLY BE STAKED IF REQUIRED BY THE COUNTY URBAN FORESTER. REFER TO ARLINGTON COUNTY STANDARD STAKING DETAILS.
14. MULCH SHALL BE CLEAN, SCREENED, DOUBLE-HAMMERED HARDWOOD BARK MULCH, UNIFORM IN SIZE AND FREE OF STONES, CLODS, NON-ORGANIC DEBRIS AND OTHER FOREIGN MATERIAL.
15. ALL PLANTS SHALL BE WATERED TWICE: ONCE AT INSTALLATION AND AGAIN WITHIN 48 HOURS OF INSTALLATION. EACH WATERING WILL CONSIST OF 20 GALLONS PER TREE.
16. CONTRACTOR SHALL LEGALLY REMOVE EXCESS SOIL & DEBRIS FROM SITE.



4 CONTINUOUS SOIL PANEL (A)

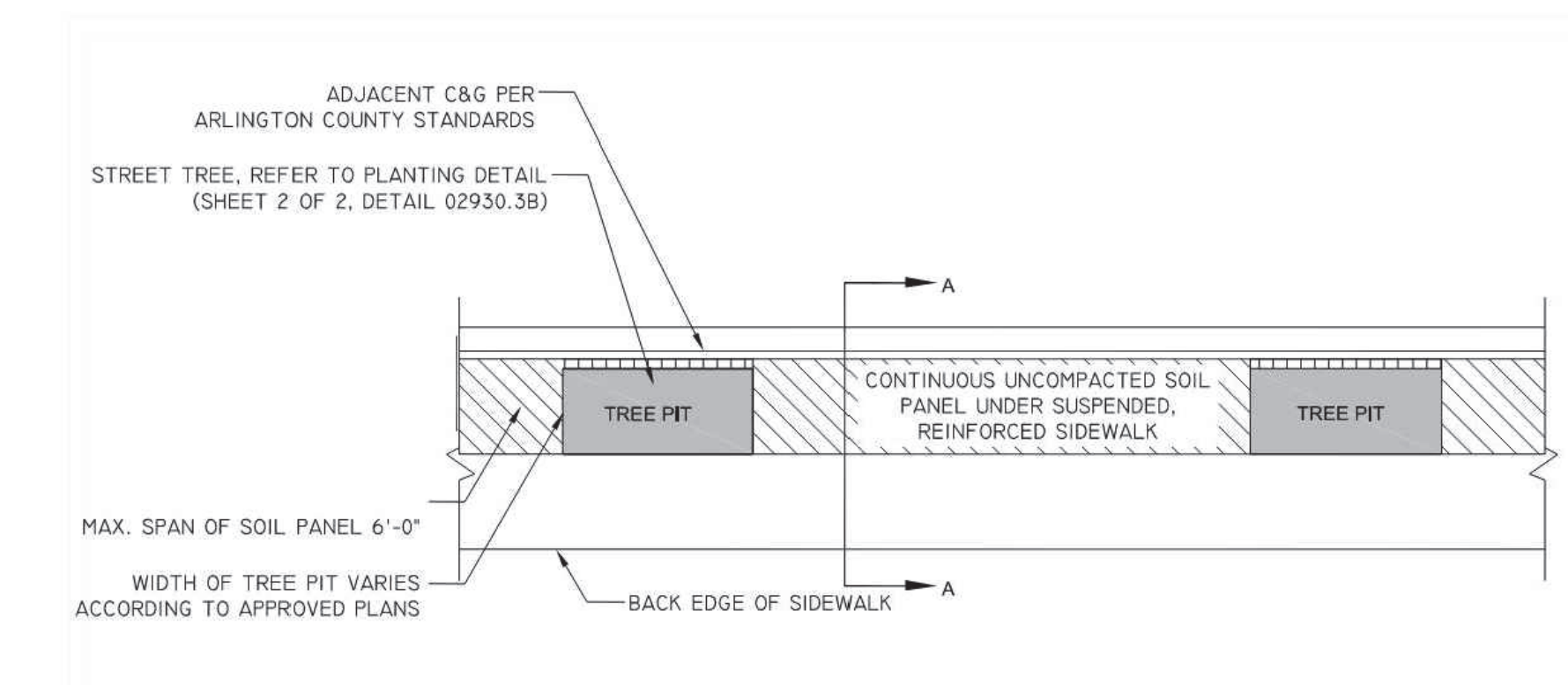
L401 SECTION

NOT TO SCALE

3 GENERAL NOTES FOR STREET TREE PLANTINGS

L401 SECTION

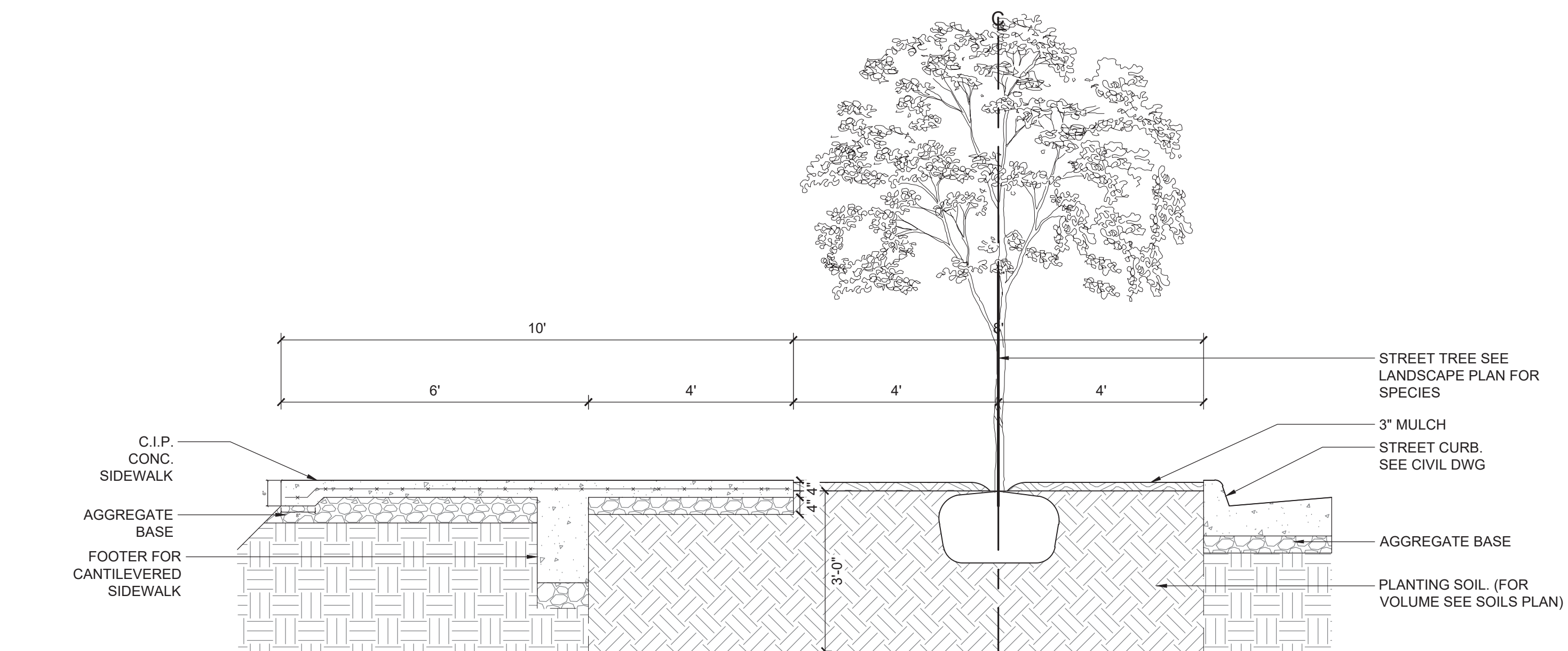
1/2" = 1'-0"



5 CONTINUOUS SOIL PANEL (B)

L401 SECTION

1/2" = 1'-0"



6 CONTINUOUS TREE VERGE AND SIDEWALK

L401 SECTION

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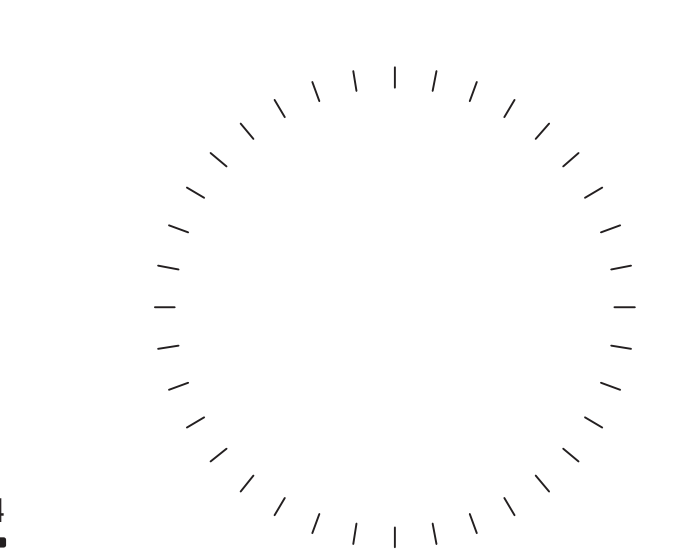
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CC ROCK ARLINGTON OWNER, LLC

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no. date revision

Project Number
2023166

Project
2480 S GLEBE ROAD
ARLINGTON, VA 22206

Phase
4.1 SITE PLAN SUBMISSION

Date
08.20.2024

Scale

Drawing
PLANTING DETAILS

No
L401

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no.	date	revision

Project Number
 DC212206

Project
2480 S GLEBE ROAD

Phase
4.1 SUBMISSION

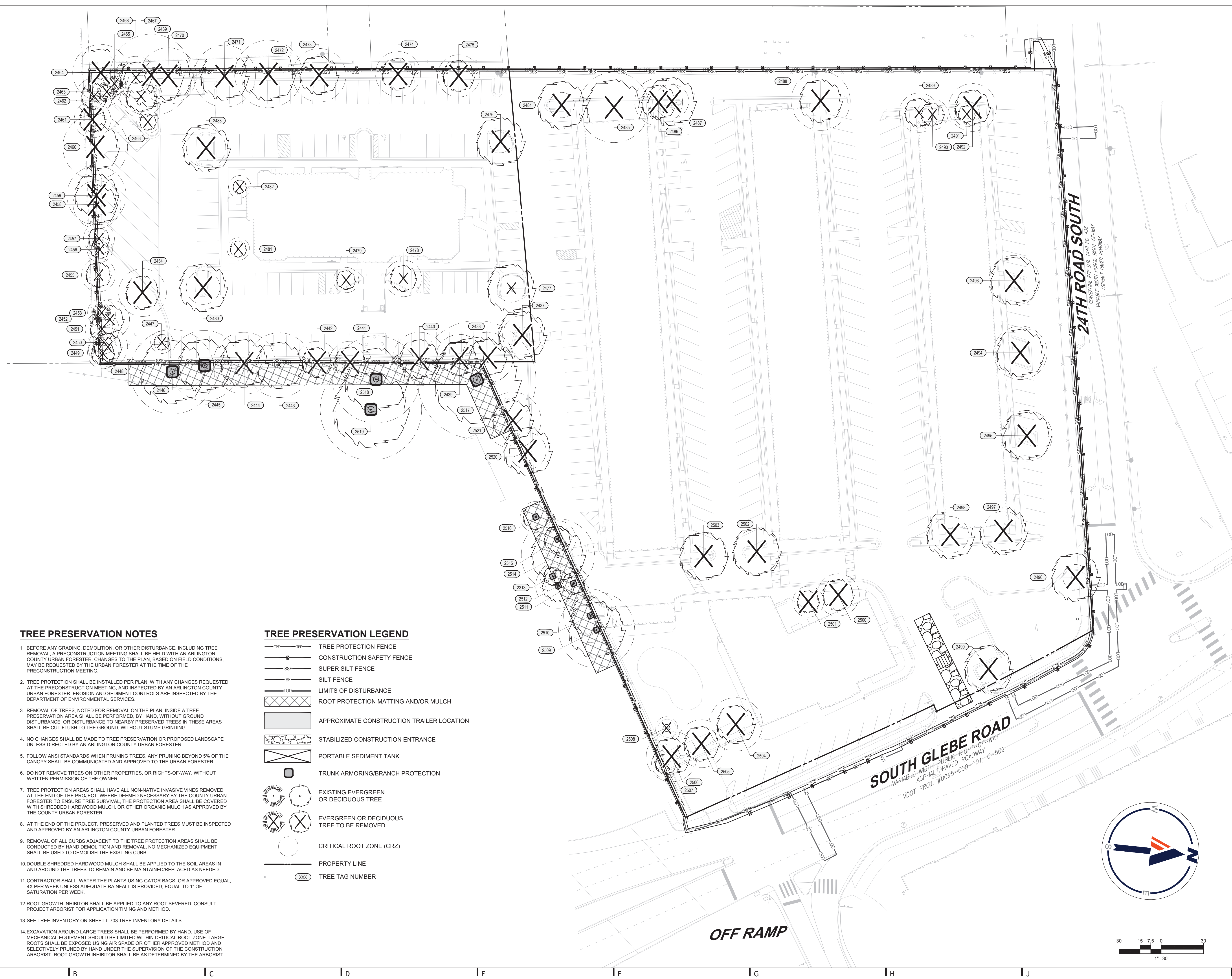
Date
 08-20-2024

Scale
 AS NOTED 1"=30'

Drawing
TREE PRESERVATION PLAN

No
L-701

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TREE PRESERVATION NOTES

- BEFORE ANY GRADING, DEMOLITION, OR OTHER DISTURBANCE, INCLUDING TREE REMOVAL, A PRECONSTRUCTION MEETING SHALL BE HELD WITH AN ARLINGTON COUNTY URBAN FORESTER. CHANGES TO THE PLAN, BASED ON FIELD CONDITIONS, MAY BE REQUESTED BY THE URBAN FORESTER AT THE TIME OF THE PRECONSTRUCTION MEETING.
- TREE PROTECTION SHALL BE INSTALLED PER PLAN, WITH ANY CHANGES REQUESTED AT THE PRECONSTRUCTION MEETING, AND INSPECTED BY AN ARLINGTON COUNTY URBAN FORESTER. EROSION AND SEDIMENT CONTROLS ARE INSPECTED BY THE DEPARTMENT OF ENVIRONMENTAL SERVICES.
- REMOVAL OF TREES, NOTED FOR REMOVAL ON THE PLAN, INSIDE A TREE PRESERVATION AREA SHALL BE PERFORMED BY HAND, WITHOUT GROUND DISTURBANCE, OR DISTURBANCE TO NEARBY PRESERVED TREES IN THESE AREAS SHALL BE CUT FLUSH TO THE GROUND, WITHOUT STUMP GRINDING.
- NO CHANGES SHALL BE MADE TO TREE PRESERVATION OR PROPOSED LANDSCAPE UNLESS DIRECTED BY AN ARLINGTON COUNTY URBAN FORESTER.
- FOLLOW ANSI STANDARDS WHEN PRUNING TREES. ANY PRUNING BEYOND 5% OF THE CANOPY SHALL BE COMMUNICATED AND APPROVED TO THE URBAN FORESTER.
- DO NOT REMOVE TREES ON OTHER PROPERTIES, OR RIGHTS-OF-WAY, WITHOUT WRITTEN PERMISSION OF THE OWNER.
- TREE PROTECTION AREAS SHALL HAVE ALL NON-NATIVE INVASIVE VINES REMOVED AT THE END OF THE PROJECT. WHERE DEEMED NECESSARY BY THE COUNTY URBAN FORESTER TO ENSURE TREE SURVIVAL, THE PROTECTION AREA SHALL BE COVERED WITH SHREDDED HARDWOOD MULCH, OR OTHER ORGANIC MULCH AS APPROVED BY THE COUNTY URBAN FORESTER.
- AT THE END OF THE PROJECT, PRESERVED AND PLANTED TREES MUST BE INSPECTED AND APPROVED BY AN ARLINGTON COUNTY URBAN FORESTER.
- REMOVAL OF ALL CURBS ADJACENT TO THE TREE PROTECTION AREAS SHALL BE CONDUCTED BY HAND DEMOLITION AND REMOVAL. NO MECHANIZED EQUIPMENT SHALL BE USED TO DEMOLISH THE EXISTING CURB.
- DOUBLE SHREDDED HARDWOOD MULCH SHALL BE APPLIED TO THE SOIL AREAS IN AND AROUND THE TREES TO REMAIN AND BE MAINTAINED/REPLACED AS NEEDED.
- CONTRACTOR SHALL WATER THE PLANTS USING GATOR BAGS, OR APPROVED EQUAL, 4X PER WEEK UNLESS ADEQUATE RAINFALL IS PROVIDED, EQUAL TO 1" OF SATURATION PER WEEK.
- ROOT GROWTH INHIBITOR SHALL BE APPLIED TO ANY ROOT SEVERED. CONSULT PROJECT ARBORIST FOR APPLICATION TIMING AND METHOD.
- SEE TREE INVENTORY ON SHEET L-703 TREE INVENTORY DETAILS.
- EXCAVATION AROUND LARGE TREES SHALL BE PERFORMED BY HAND. USE OF MECHANICAL EQUIPMENT SHOULD BE LIMITED WITHIN CRITICAL ROOT ZONE. LARGE ROOTS SHALL BE EXPOSED USING AIR SPADE OR OTHER APPROVED METHOD AND SELECTIVELY PRUNED BY HAND UNDER THE SUPERVISION OF THE CONSTRUCTION ARBORIST. ROOT GROWTH INHIBITOR SHALL BE AS DETERMINED BY THE ARBORIST.

TREE PRESERVATION LEGEND

- TREE PROTECTION FENCE
- CONSTRUCTION SAFETY FENCE
- SUPER SILT FENCE
- SILT FENCE
- LIMITS OF DISTURBANCE
- ROOT PROTECTION MATTING AND/OR MULCH
- APPROXIMATE CONSTRUCTION TRAILER LOCATION
- STABILIZED CONSTRUCTION ENTRANCE
- PORTABLE SEDIMENT TANK
- TRUNK ARMORING/BRANCH PROTECTION
- EXISTING EVERGREEN OR DECIDUOUS TREE
- EVERGREEN OR DECIDUOUS TREE TO BE REMOVED
- CRITICAL ROOT ZONE (CRZ)
- PROPERTY LINE
- TREE TAG NUMBER

AUG 20, 2024
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Arlington Ridge 2480 S Gleebe Rd, Arlington, VA 22206 TREE REPLACEMENTS TABLE										
#	COMMON NAME	BOTANICAL NAME	DIAMETER (DBH)		SPECIES RATING		CONDITION RATING	TOTAL SCORE	REMOVE	REPLACEMENTS REQUIRED
			INCHES	%	%	%				
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	Bradford Pear	Pyrus calleryana	14.90"	50%	35%	2.6	YES	1		
2442	Bradford Pear	Pyrus calleryana	14.30"	50%	30%	2.1	YES	1		
2443	Bradford Pear	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	Mulberry	Morus alba	11.40"	45%	55%	2.8	YES	1		
2452	Mulberry	Morus alba	13.30"	45%	50%	3.0	YES	1		
2453	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"	70%	65%	5.6	YES	2		
2463	White Pine	Pinus strobus	9.80"	55%	80%	4.3	YES	1		
2464	Mulberry	Morus alba	19.50"	45%	55%	4.8	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	Bradford Pear	Pyrus calleryana	15.20"	50%	40%	3.0	YES	1		
2475	Bradford Pear	Pyrus calleryana	15.00"	50%	45%	3.4	YES	1		
2476	American Sycamore	Platanus occidentalis	7.10"	60%	75%	3.2	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	Green Ash	Fraxinus pennsylvanica	24.90"	45%	75%	8.4	YES	2		
2486	Thornless Honey Locust	Gleditsia triacanthos	16.30"	55%	40%	3.6	YES	1		
2487	Thornless Honey Locust	Gleditsia triacanthos	11.40"	55%	50%	3.1	YES	1		
2488	Thornless Honey Locust	Gleditsia triacanthos	20.30"	55%	35%	3.9	YES	1		
2489	Thornless Honey Locust	Gleditsia triacanthos	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	Gleditsia triacanthos	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	Crepe Myrtle	Lagerstroemia indica	8.27"	80%	75%	5.0	YES	1		
2497	Crepe Myrtle	Lagerstroemia indica	13.86"	80%	80%	8.9	YES	2		
2498	Crepe Myrtle	Lagerstroemia indica	12.30"	80%	80%	7.9	YES	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 x leylandii	17.35"	60%	70%	7.3	YES	2		
2507	Leyland Cypress	Cupressus x leylandii	9.70"	60%	70%	4.1	YES	1		
2508	Japanese Maple	Acer palmatum	3.50"	80%	75%	2.1	YES	1		
2509	Mulberry	Morus alba	26.68"	45%	30%	3.6	NO	0		
2510	Tree of Heaven	Ailanthus altissima	18.40"	45%	45%	3.7	NO	0		
2511	Black Locust	Robinia pseudoacacia	10.60"	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	Black Locust	Robinia pseudoacacia	25.72"	55%	60%	8.5	NO	0		
2515	American Elm	Ulmus americana	12.70"	55%	70%	4.9	NO	0		
2516	Black Locust	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		
2521	Red Maple	Acer rubrum	19.09"	70%	60%	8.0	YES	2		
TOTAL										
97										

TREE INVENTORY TERMINOLOGY

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

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

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, WHOOLE 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 INTERNATIONAL SOCIETY OF ARBORICULTURE.

*HAND REMOVAL - TREES TO BE REMOVED WITHIN TREE SAVE AREAS OR DIRECTLY ADJACENT TO BUT WITHIN THE LIMITS OF CLEARING 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 2480 S Gleebe Rd, Arlington, VA 22206 Tree Condition Analysis Performed by Nicholas Georgas, ISA Certified Arborist MA-5061A on 02/02/2022												
#	COMMON NAME	BOTANICAL NAME	CONDITION RATING	CIRCUMFERENCE	DIAMETER (DBH)		CRITICAL ROOT ZONE (CRZ)	CRZ IMPACTED BY LOD	REMOVE	NATIVE	COMMENTS	
					INCHES	FEET						
2437	American Sycamore	Platanus occidentalis	80%	42.70"	13.60"	1.13'	14'	0.00%	YES	X	Limbed up, Crooked	
2438	Bradford Pear	Pyrus calleryana	40%	55.58"	17.70"	1.48'	18'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle	
2439	Bradford Pear	Pyrus calleryana	35%	51.50"	16.40"	1.37'	17'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle	
2440	Bradford Pear	Pyrus calleryana	35%	58.40"	18.60"	1.55'	19'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle	
2441	Bradford Pear	Pyrus calleryana	35%	46.79"	14.90"	1.24'	15'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle, Vine growth	
2442	Bradford Pear	Pyrus calleryana	30%	44.90"	14.30"	1.19'	15'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle	
2443	Bradford Pear	Pyrus calleryana	45%	69.39"	22.10"	1.84'	23'	0.00%	NO		Topped off, Heavily pruned, Weak branching angle	
2444	Bradford Pear	Pyrus calleryana	40%	68.14"	21.70"	1.81'	22'	0.00%	YES		Topped off, Heavily pruned, Weak branching angle, Dieback	
2445	Bradford Pear	Pyrus calleryana	40%	75.67"	24.10"	2.01'	25'	0.00%	NO		Topped off, Heavily pruned, Weak branching angle, Dieback, Major Trunk Scar	
2446	Bradford Pear	Pyrus calleryana	50%	92.94"	29.60"	2.47'	30'	0.00%	NO		Heavily limbed up, Major trunk scar, Weak branching angle	
2447	Crepe Myrtle	Lagerstroemia indica	75%	23.87"	7.60"	0.63'	8'	0.00%	YES		X10, Minor dieback	
2448	Mulberry	Morus alba	50%	41.45"	13.20"	1.10'	14'	0.00%	YES		Major lean, Close to wall, Codominant leader	
2449	Tree of Heaven	Ailanthus altissima	40%	34.54"	11.00"	0.92'	11'	0.00%	YES		Close to wall, Major vine growth, Major dieback	
2450	Mulberry	Morus alba	45%	24.18"	7.70"	0.64'	8'	0.00%	YES		Lean, Dieback	
2451	Mulberry	Morus alba	55%	35.80"	11.40"	0.95'	12'	0.00%	YES		Close to wall, Weak branching angle	
2452	Mulberry	Morus alba	50%	41.76"	13.30"	1.11'	14'	0.00%	YES		Codominant leader, trunk scar, dieback	
2453	White Pine	Pinus strobus	75%	28.89"	9.20"	0.77'	10'	0.00%	YES	X	Close to wall, Limbed up	
2454	American Sycamore	Platanus occidentalis	80%	50.25"	16.00"	1.33'	17'	0.00%	YES	X	X2, Minor dieback	
2455	Mulberry	Morus alba	40%	37.37"	11.90"	0.99'	12'	0.00%	YES		Major trunk scar, Close to wall, Major lean, Dieback	
2456	Tree of Heaven	Ailanthus altissima	45%	27.32"	8.70"	0.73'	9'	0.00%	YES		Close to wall, Major dieback	
2457	Mulberry	Morus alba	45%	31.71"	10.10"	0.84'	11'	0.00%	YES		Close to wall, Topped off, Sucker growth	
2458	Tree of Heaven	Ailanthus altissima	35%	52.44"	16.70"	1.39'	17'	0.00%	YES		Close to wall, Major dieback, Codominant leader, Vine growth	
2459	Mulberry	Morus alba	45%	64.83"	20.65"	1.72'	21'	0.00%	YES		X2, Close to wall, Major vine growth	
2460	Red Maple	Acer rubrum	35%	70.96"	22.60"	1.88'	23'	0.00%	YES	X	Close to wall, Codominant leader, Crown dieback	
2461	Red Maple	Acer rubrum	40%	39.56"	12.60"	1.05'	13'	0.00%	YES	X	Close to wall, Major vine growth, Major dieback	
2462	Red Maple	Acer rubrum	65%	38.62"	12.30"	1.03'	13'	0.00%	YES	X	Dieback, Close to wall	
2463	White Pine	Pinus strobus	80%	30.77"	9.80"	0.82'	10'	0.00%	YES	X	Minor vine growth	
2464	Mulberry	Morus alba	55%	61.23"	19.50"	1.63'	20'	0.00%	YES		Codominant leader, Close to wall, Dieback	
2465	White Pine	Pinus strobus	75%	24.81"	7.90"	0.66'	8'	0.00%	YES		Minor vine growth, Minor dieback	
2466	Crepe Myrtle	Lagerstroemia indica	80%	24.57"	7.83"	0.65'	8'	0.00%	YES	X	X10, Dieback	
2467	American Sycamore	Platanus occidentalis	80%	45.53"	14.50"	1.21'	15'	0.00%	YES	X	Major vine growth, Crooked, Codominant leader	
2468	Pin Oak	Quercus palustris	70%	46.47"	14.80"	1.23'	15'	0.00%	YES	X	Vine growth, Limbed up	
2469	Pin Oak	Quercus palustris	75%	89.18"	28.40"	2.37'	29'	0.00%	YES	X	Codominant leader, Dieback	
2470	Bradford Pear	Pyrus calleryana	40%	59.97"	19.10"	1.59'	20'	0.00%	YES		Dieback, Close to wall, Limbed up, Leaning	
2471	Bradford Pear	Pyrus calleryana	50%	66.57"	21.20"	1.77'	22'	0.00%	YES		Dieback, Close to wall, Limbed up, Leaning	
2472	Bradford Pear	Pyrus calleryana	40%	73.48"	23.40"	1.95'	24'	0.00%	YES		Dieback, Close to wall, Limbed up, Leaning, Trunk scar	
2473	Bradford Pear	Pyrus calleryana	35%	57.78"	18.40"	1.53'	19'	0.00%	YES		Dieback, Close to wall, Limbed up, Leaning	
2474	Bradford Pear	Pyrus calleryana	40%	47.73"	15.20"	1.27'	16'	0.00%	YES		Close to wall, Dieback, Heavily limbed up, Leaning, Weak branching angle	
2475	Bradford Pear	Pyrus calleryana	45%	47.10"	15.00"	1.25'	15'	0.00%	YES		Close to wall, Dieback, Limbed up, Major trunk scar	
2476	American Sycamore	Platanus occidentalis	75%	22.29"	7.10"	0.59'	8'	0.00%	YES	X	Limbed up, Minor lean	
2477	American Sycamore	Platanus occidentalis	85%	30.46"	9.70"	0.81'	10'	0.00%	YES	X	Limbed up	
2478	Crepe Myrtle	Lagerstroemia indica	80%	39.34"	12.53"	1.04'	13'	0.00%	YES		X7, Scale	
2479	Crepe Myrtle	Lagerstroemia indica	60%	28.25"	9.00"	0.75'	9'	0.00%	YES		X5, Scale, Major dieback	
2480	American Sycamore	Platanus occidentalis	65%	36.74"	11.70"	0.98'	12'	0.00%	YES	X	Topped off, Limbed up	
2481	Crepe Myrtle	Lagerstroemia indica	80%	24.								

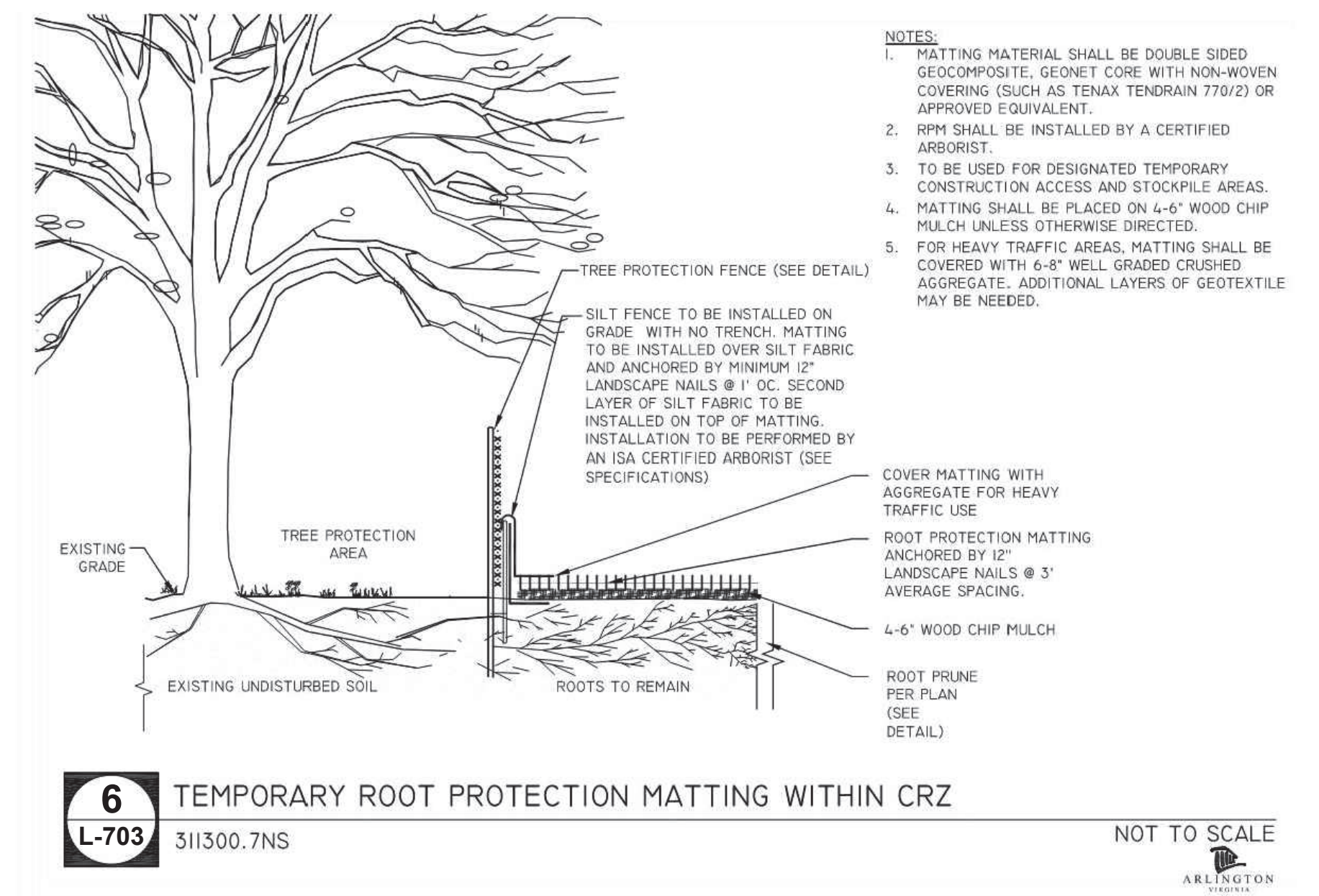
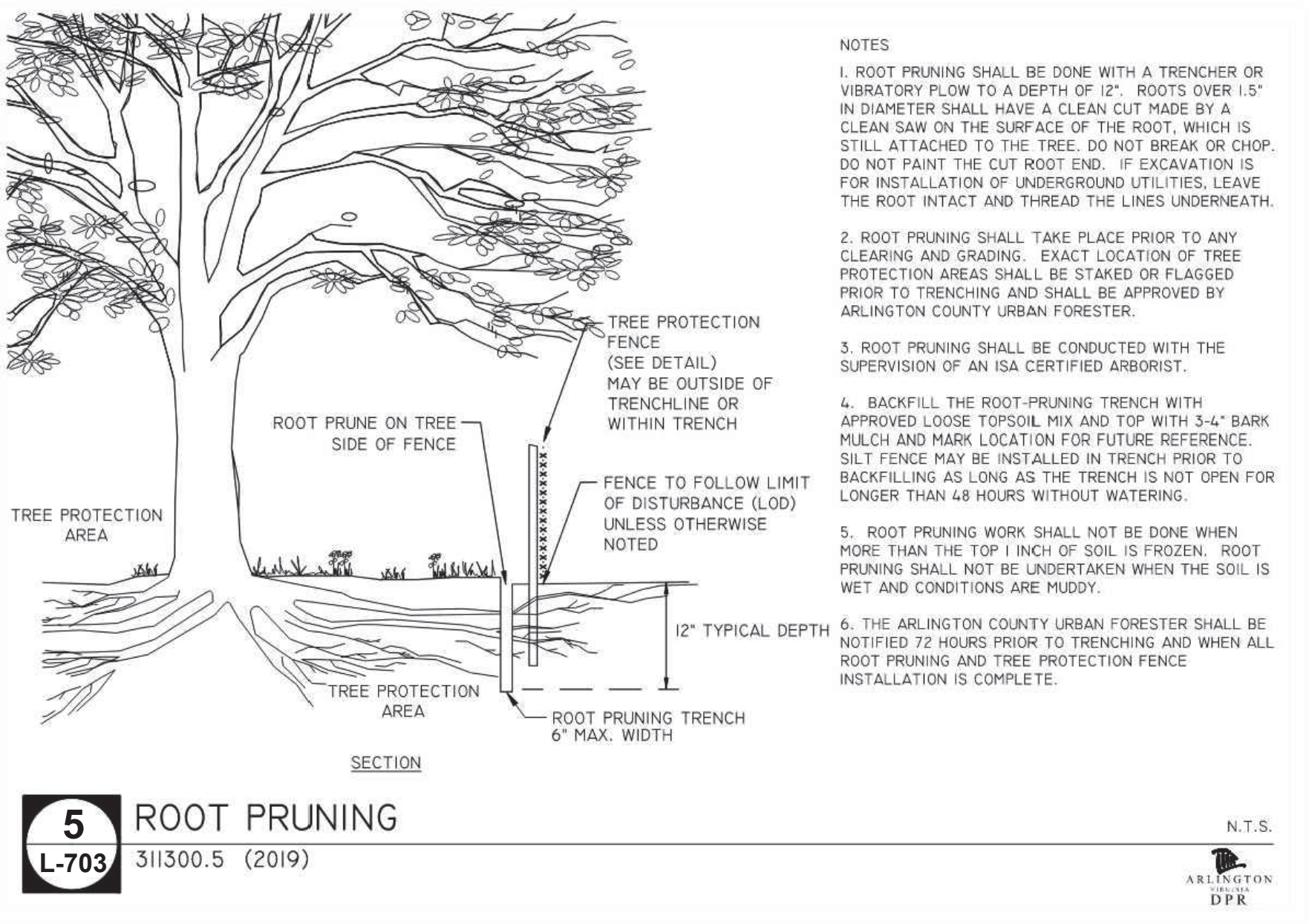
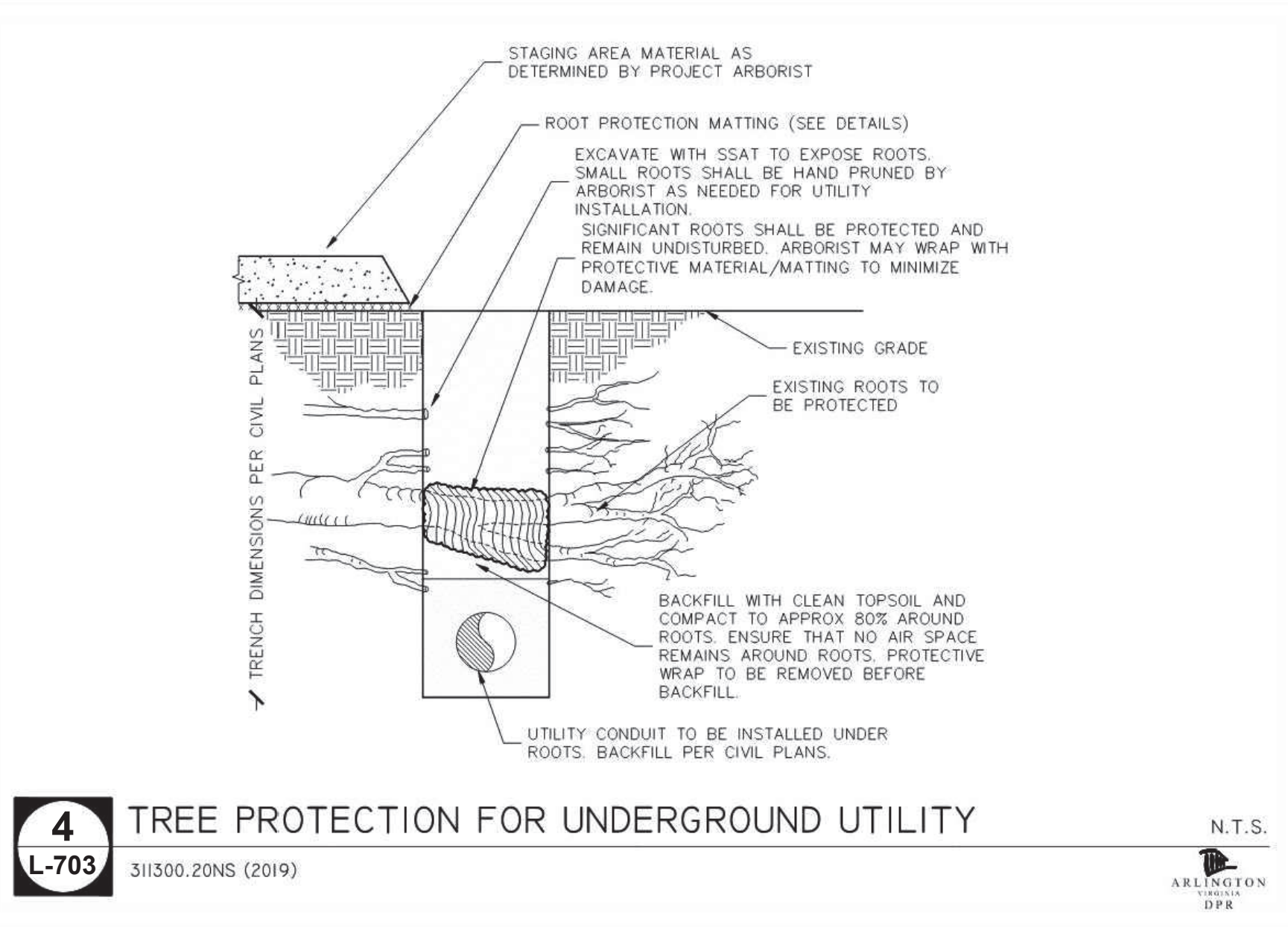
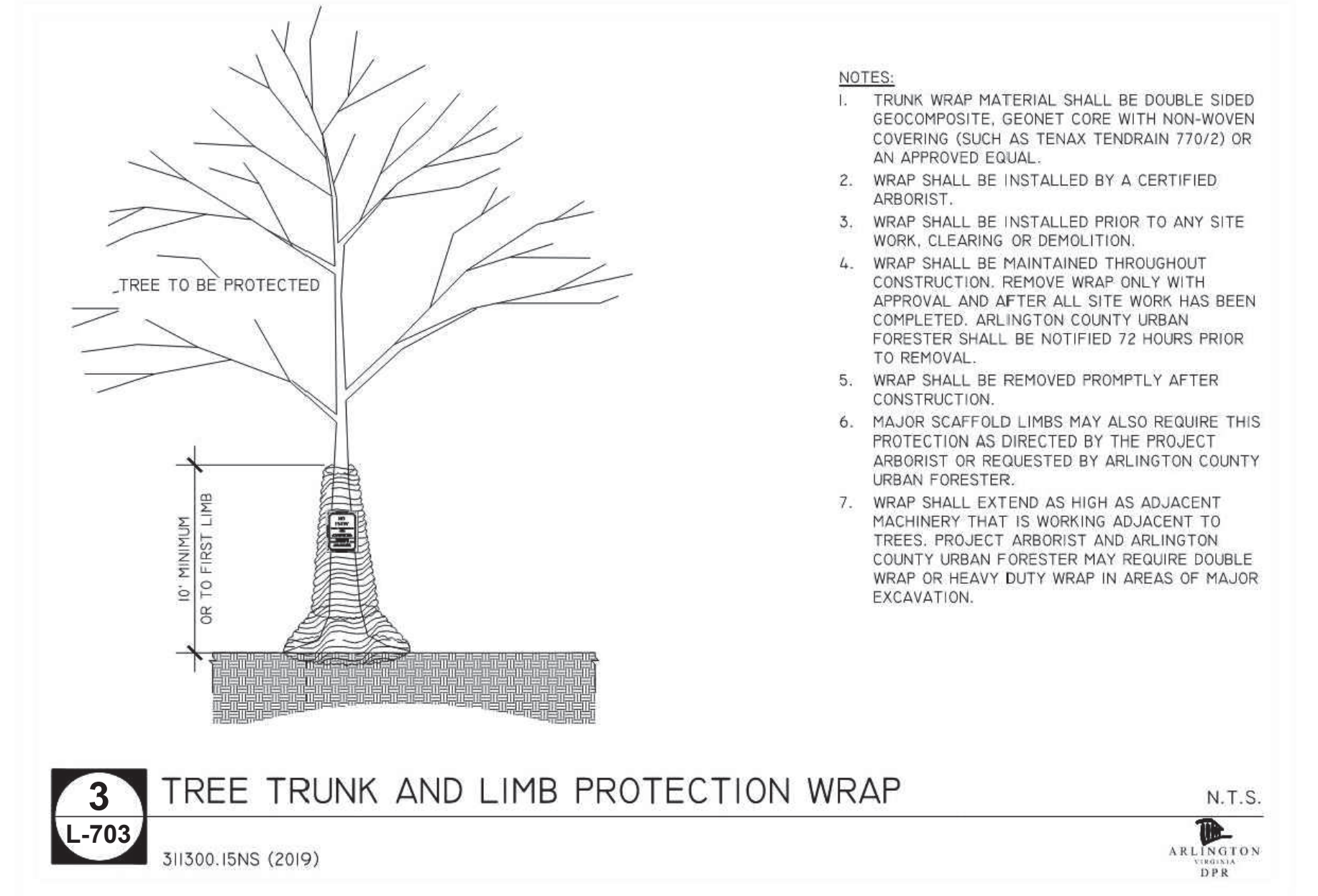
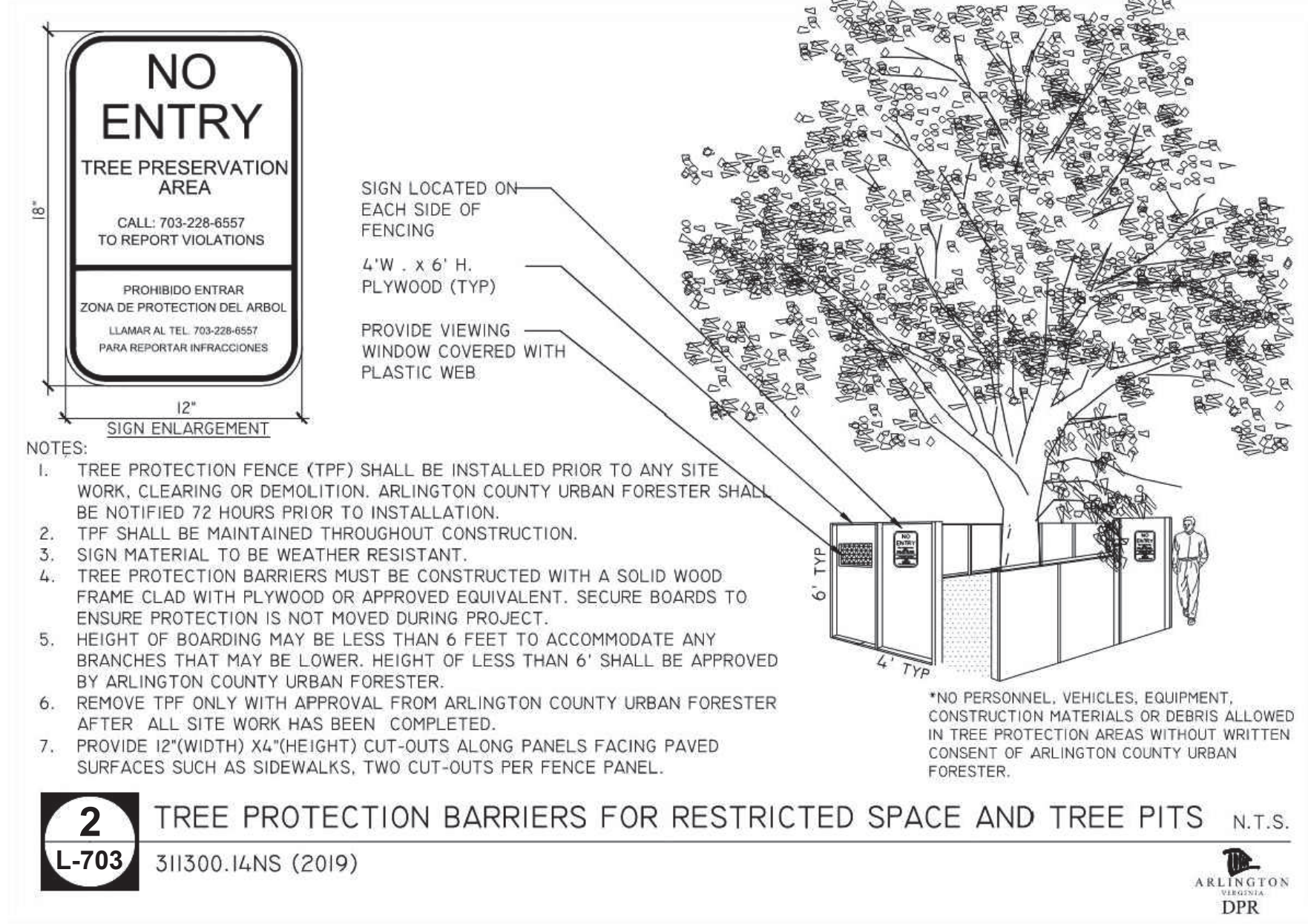
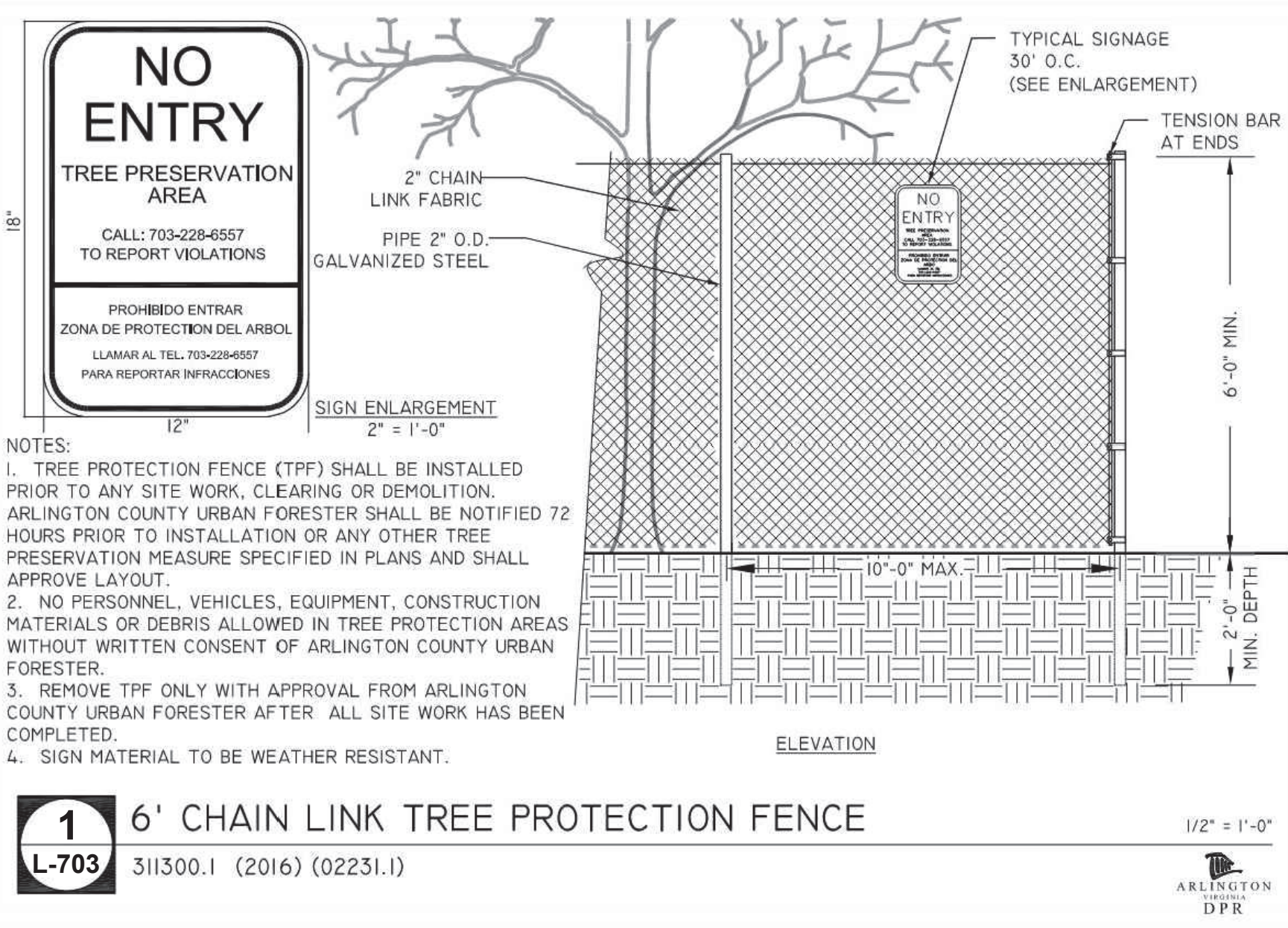
Arlington Ridge 2480 S GLEBE RD, ARLINGTON, VA 22206														
BASE INFORMATION				TRUNK FORMULA METHOD				COMPOUNDED ANNUAL MAINTENANCE COST						
#	COMMON NAME	BOTANICAL NAME	DIAMETER (DBH) INCHES	REMOVE	1 CONDITION RATING %	2 LOCATION VALUE* %	3 SPECIES RATING %	4 BASIC TREE COST** \$	APPRaised VALUE (1X2X3X4) \$	5 MAINTENANCE COST \$	6 ANNUAL COMPOUND INTEREST FACTOR*	7 YEARS TO PARITY	COMPOUNDED ANNUAL MAINTENANCE COST (1+(6X7))(5X7) \$	BOND FEE \$
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
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%

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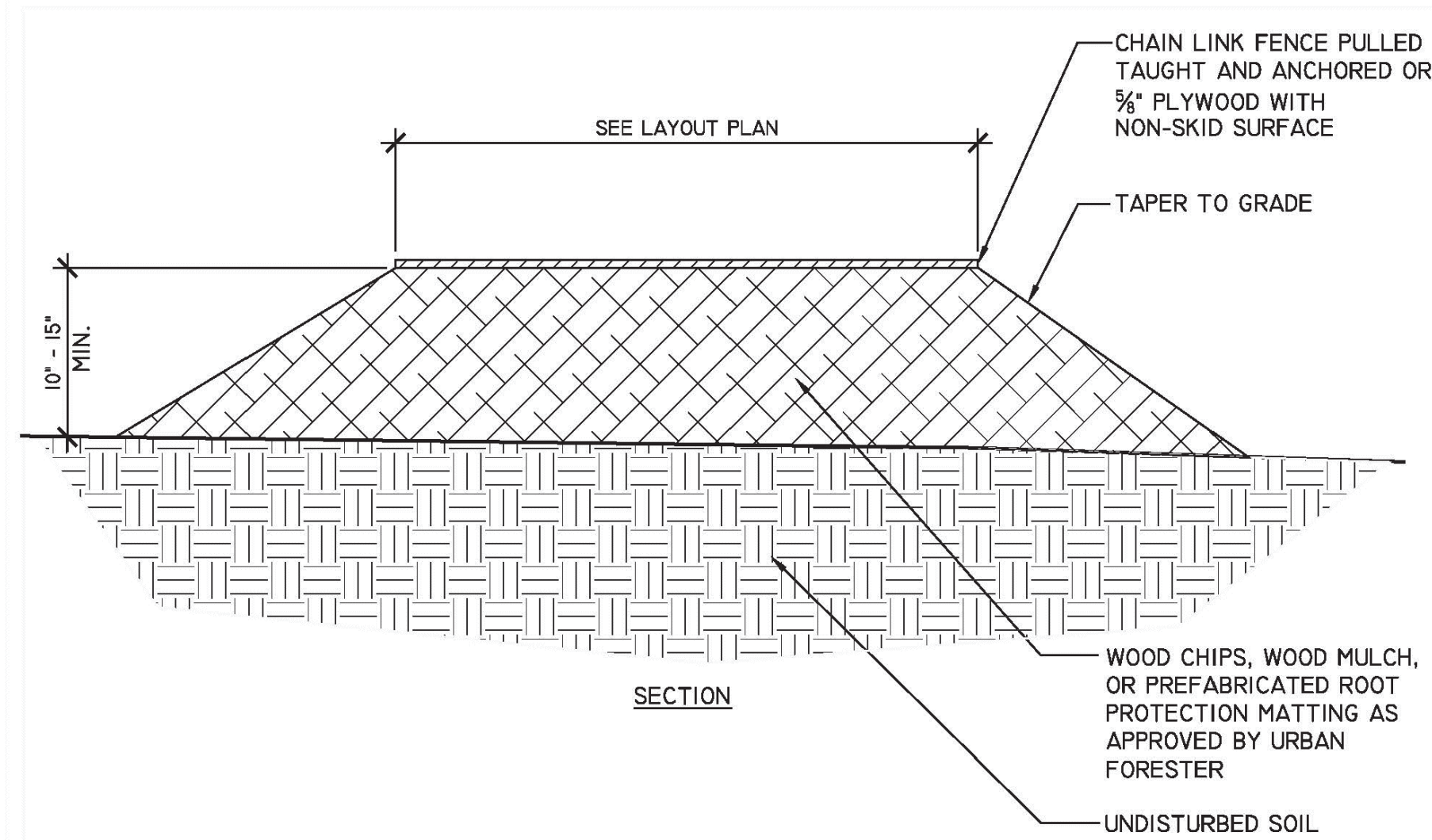
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PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.

no.	date	revision
Project Number	DC212206	
Project	2480 S GLEBE ROAD	
Phase	4.1 SUBMISSION	
Date	08-20-2024	
Scale	AS NOTED	
Drawing	TREE INVENTORY SCHEDULES & DETAILS	
No	L-703	

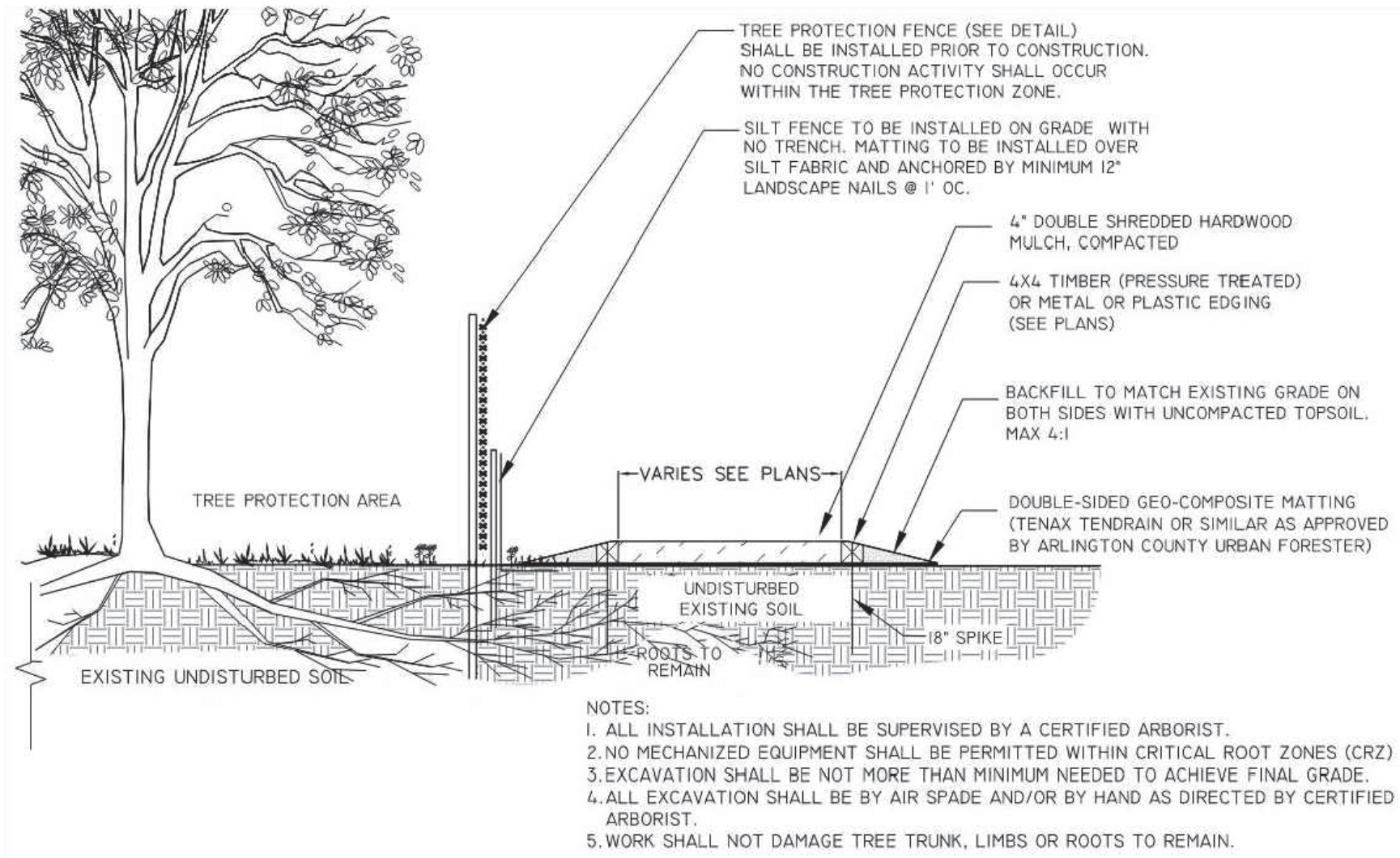
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AUG 20, 2024
 H:\DC212206\DRAWINGS\PLAN SETS\L-703 TREE INVENTORY SCHEDULES AND DETAILS



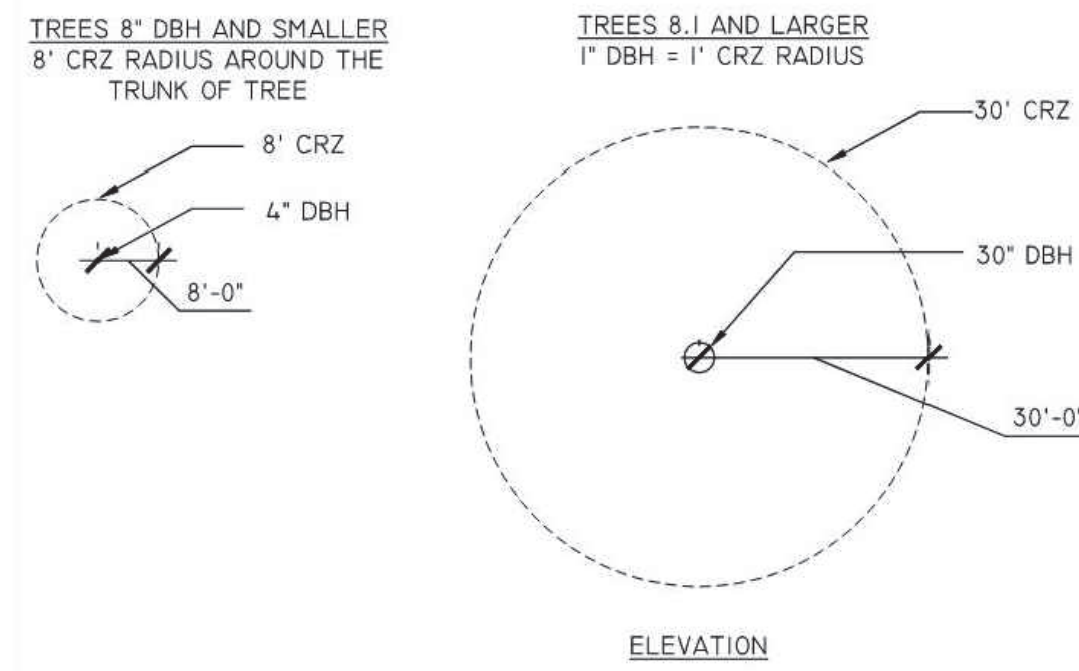
1 ROOT PAD DETAIL
L-704 311300.4 (2016) (02231.4)

1" = 1'-0"



2 ABOVE GRADE MULCH/WOOD FIBER PATH WITHIN CRZ
L-704 311300.9NS

N.T.S.



3 TREE PROTECTION DETAIL FOR DETERMINING CRITICAL ROOT ZONE
L-704 311300.3 (2019)

N.T.S.



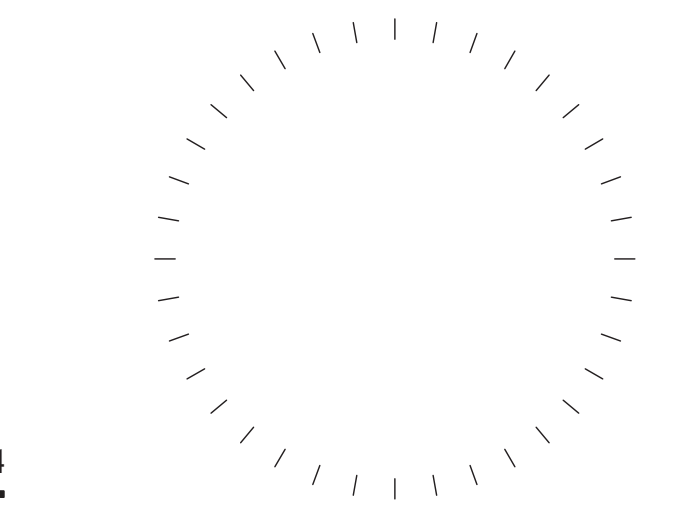
NOTES:
 1. GRAPHICALLY, THE CRITICAL ROOT ZONE (CRZ) IS REPRESENTED AS A CIRCULAR REGION MEASURED OUTWARD FROM A TREE TRUNK REPRESENTING THE AREA OF ROOTS THAT MUST BE MAINTAINED OR PROTECTED FOR THE TREE'S SURVIVAL.
 2. THE CRZ OF A TREE IS THE ZONE IN WHICH THE MAJORITY OF THE ROOTS LAY. 95% OF THE ROOTS OF MOST TREES WILL BE FOUND IN THE UPPER 12-18" OF THE SOIL. MOST OF THE ROOTS THAT SUPPLY THE NUTRIENTS AND WATER TO THE TREE ARE FOUND JUST BELOW THE SOIL SURFACE. THE TOTAL AMOUNT OF A TREE'S ROOTS ARE GENERALLY PROPORTIONAL TO THE VOLUME OF THE TREE'S CANOPY. THEREFORE, IF THE ROOTS ONLY PENETRATE A THIN LAYER OF SOIL, THEN THE ROOTS MUST SPREAD FAR FROM THE TREE, BEYOND THE EXTENSION OF THE CANOPY.
 3. PLOT ACCURATE TRUNK LOCATIONS OF ALL TREES GREATER THAN 3" DIAMETER AT BREAST HEIGHT (DBH) AND/OR TREE STANDS WITHIN DEVELOPMENT AREAS ON ALL PLANS FOR THE PROJECT AND DELINEATE THEIR ESTIMATED CRITICAL ROOT ZONE.
 4. PLOT ACCURATE TRUNK LOCATIONS OF OFFSITE TREES WHICH WILL HAVE THEIR CRZ AFFECTED BY DEVELOPMENT AND DELINEATE THEIR ESTIMATED CRITICAL ROOT ZONE.

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no. date revision

Project Number
DC212206

Project
2480 S GLEBE ROAD

Phase
4.1 SUBMISSION

Date
08-20-2024

Scale
AS NOTED

Drawing

TREE INVENTORY DETAILS

No
L-704

AUG 20, 2024 \\H:\DC212206\DRAWINGS\PLAN SET\SSA_LDC212206-LEVEE-PLAN\001 TREE INVENTORY DETAILS