TREE PROTECTION NOTES

"Shall" refers to a practice that is mandatory; "should" refers to a practice that is recommended. If a "should" recommendation will not be followed, written explanation must be provided to and approved by the Arborist and Landscape Architect.

1. A root protection zone (RPZ) shall be established around the trees identified by Arborist and Landscape Architect for protection.
2. No work shall begin until the tree protection fence has been installed for the RPZ and approved by the Arborist and Landscape Architect. Tree protection fencing shall be maintained and repaired by the contractor during construction. The fencing shall be a minimum of 6' high.
3. Any linear excavation for utility lines, foundations, roads, and sidewalks is considered trenching. No trenching should be allowed within the RPZ.
4. Any tree branches in conflict with construction shall be cut cleanly according to ANSI A300 Pruning Standards, only after Arborist and Landscape Architect approve.
5. Trees which are damaged or lost due to the contractor’s negligence during construction shall not be mitigated. Any trees cut for this purpose shall be required to be replaced with an equal number of trees of equal size.
6. When preparing prepared landscape beds, do not till within the dripline of existing vegetation.
7. The protected tree must be maintained at its original grade, with no storage of fill, removal of soil or planting of existing trees. In no event shall oversized vehicles or equipment enter the protected area.
8. The contractor shall not cause or allow the cleaning of equipment, storage or disposal of materials such as paints, solvents, asphalt, concrete, or any other materials in proximity of the protected area. This includes materials and equipment brought to site.
9. No attachments of vehicles (including protective guards and lights) shall be allowed in the vegetation within the protected area.
10. All trenching and grading within the protected zone shall be done with MINI SOIL CROWNS and under the direction of the Landscape Architect and Arborist.
11. All existing trees shown are plan as per field survey. Contact Landscape Architect if adjustments are required during construction. All trees shall remain in place through construction as indicated on the plan.

EROSION + SEDIMENT CONTROL CONSTRUCTION SEQUENCE

1. Refer to soil survey drawings for notes associated with erosion control, sediment control, and protection of existing trees.
2. Obtain necessary permits and approvals from the appropriate agencies.
3. Establish utility locations and subsurface drainage locations prior to digging. Consult construction manager and/or call 1-800-632-4949.
4. Install temporary silt fencing and inlet protection for all existing drains.
5. Install tree protection fencing.
6. Do not scale site features from drawing.
7. Refer to planting and soil recommendations and specifications for additional information.
8. Prune plant material only as directed by Landscape Architect. Shrubs and trees shall not have sheared appearance.
9. Install new runoff conveyance systems, channels, and/or inlet as required.
10. Establish utility locations and subsurface drainage locations prior to digging. Consult construction manager and/or call 1-800-632-4949.
11. Install temporary silt fencing and inlet protection for all existing drains.
12. Contact contractor to coordinate earthwork stockpile exhibit for engineering review and approval.
13. Tie in gutter and downspout to subsurface drainage systems, where applicable. Run-off discharge at pipe ends shall be treated with stone apron at a minimum.
14. Tree branches in conflict with construction shall be cut cleanly according to ANSI A300 Pruning Standards, only after Arborist and Landscape Architect approve.
15. Contractor is responsible for minimal disturbance of existing vegetation during installation of any and all underground utilities.
16. The contractor shall not cause or allow the cleaning of equipment, storage or disposal of materials such as paints, solvents, asphalt, concrete, or any other materials in proximity of the protected area. This includes materials and equipment brought to site.
17. The contractor shall not cause or allow the cleaning of equipment, storage or disposal of materials such as paints, solvents, asphalt, concrete, or any other materials in proximity of the protected area. This includes materials and equipment brought to site.

LAYOUT NOTES

1. Do not scale site features from drawing.
2. The size and development of individual drainage systems, where applicable. Run-off discharge at pipe ends shall be treated with stone apron at a minimum.
3. Tie in all proposed inlet systems to proposed storm sewer with a minimum of 12" over all pipe sections, unless otherwise indicated.
4. Install temporary silt fencing for all on-site protection for all areas immediately after work has been installed.
5. Contractor shall verify topsoil depth and grade and notify Landscape Architect and/or Management of any conflicts with underlying topsoil.
6. No work shall begin until the tree protection fencing has been installed for this RPZ and approved by the Arborist and Landscape Architect.
7. No work shall begin until the tree protection fence has been installed for this RPZ and approved by the Arborist and Landscape Architect.
8. All existing trees shown are plan as per field survey. Contact Landscape Architect if adjustments are required during construction. All trees shall remain in place through construction as indicated on the plan.

PLANTING SEQUENCE NOTES

1. Contractor to schedule pre-construction conference with Landscape Architect and Owner’s Representative before construction commences.
2. Establish utility locations and subsurface drainage locations prior to digging. Contact construction manager and/or call 1-800-632-4949.
3. Field planting locations with landscape architect and/or owner review before digging.
4. Establish soil survey drawings for notes associated with erosion control, sediment control, and protection of existing trees.
5. Contact contractor to coordinate earthwork stockpile exhibit for engineering review and approval.
6. Prior to any work being done, contractor shall verify topsoil depth and grade and notify Landscape Architect and/or Management of any conflicts with underlying topsoil.
7. Prior to any work being done, contractor shall verify topsoil depth and grade and notify Landscape Architect and/or Management of any conflicts with underlying topsoil.
8. Remove all temporary erosion control measures and complete permanent planting.
9. Install tree protection fencing.
10. The contractor shall not cause or allow the cleaning of equipment, storage or disposal of materials such as paints, solvents, asphalt, concrete, or any other materials in proximity of the protected area. This includes materials and equipment brought to site.
11. The contractor shall not cause or allow the cleaning of equipment, storage or disposal of materials such as paints, solvents, asphalt, concrete, or any other materials in proximity of the protected area. This includes materials and equipment brought to site.

PLANTING NOTES

1. All plant material must meet the minimum size requirements indicated in the plant schedule.
2. Plant material must meet the requirements of the most recent edition of the American Standards for Nursery Stock (AHS 101-94). Trees must be free of disease and pest infestation. Landscaping Architect reserves the right to reject any plant material.
3. Mulch mix and planting mixes with small diameter, shredded hardwood mulch no more than 2" in depth are specified by Landscape Architect. Mulch should be a minimum of 6 months old and shall be free of wood chips, sawdust, roots, or any other substances not consisting of either bark or leaves wood and bark.
4. Any tree branches in conflict with construction shall be cut cleanly according to ANSI A300 Pruning Standards, only after Arborist and Landscape Architect approve.
5. Contractor shall guarantee 90% of all plants shown on the plan.
6. No work shall begin until the tree protection fence has been installed for this RPZ and approved by the Arborist and Landscape Architect. Trees and shrubs shall not have sheared appearance.
7. Planting plans will be submitted to contractor for review and approval.
8. Contractor shall ensure that all trees and shrubs are in a clean condition before planting.
9. Contractor shall ensure that all trees and shrubs are in a clean condition before planting.
10. Contractor shall ensure that all trees and shrubs are in a clean condition before planting.

UTILITY NOTES

1. All utilities are to be located and marked before planting begins.
2. Plant locations may need to be adjusted to serve utility locations or remain to utility locations subsequent to planting.

0.01

NOTES

A+B TECH PARKING LOT
STORMWATER RETROFIT
13 FACILITYS WAY, ASHBURN, NC
DEVELOPMENT DATA

PROPERTY BOUNDARY

TOP OF BANK

PROPERTY OWNER:
A-B Tech Community College
Contact:
Timothy Ormond, PE
Blue Earth Engineering
1 Haywood St. Suite 414
Asheville, NC 28801
828.989.8075

LOCATION:
340 Victoria Rd.
Asheville, North Carolina

PIN:
964821453100000

PROPERTY SIZE:
109.28 Acres (4,760,236 SF)

PROJECT SIZE:
1.62 Acres (70,657 SF)

TOTAL DISTURBANCE:
.98 Acre (42,791 SF)

PRE-DEV. IMPERVIOUS:
0.81 Acres (35,151 SF)

49.75%

PRE-DEV. PERVERSIOUS:
0.81 Acres (35,506 SF)

50.25%

POST-DEV. IMPERVIOUS:
0.17 Acres (7,320 SF)

10.35%

POST-DEV. PERVERSIOUS:
1.45 Acres (63,337 SF)

89.65%

SOIL TYPES:
UhE Udorthents-Urban Land complex,
2-50 percent slopes .5 (49.4%)
Ux Urban Land, .6 (50.6%)

ZONING DISTRICT:
INST

SETBACKS:
Front= 15'
Side= 10'
Back= 10'

SCALE: 1" = 20'-0"

REFER TO SHEET 0.01 FOR CONSTRUCTION SEQUENCE NOTES. REFER TO SHEET 1.01 FOR SEDIMENT AND EROSION CONTROL DETAILS AND SPECIFICATIONS.
1. Plants that grow in shallow water (water's edge to 6" below normal water level) must have 3" of above water foliage when installed. This can be achieved by adjusting the water level of the wetland to accommodate plans with shorter foliage or by installing plants that have at least 9" foliage height at time of planting.

2. Wetland plants to be planted after the average last spring frost and at least 4 weeks before the average first fall frost.

3. Refer to Sheet L-0.01 for planting sequence and notes.
CITY OF ASHEVILLE: TEMPORARY SEEDING RECOMMENDATIONS

CITY OF ASHEVILLE: STANDARD TEMPORARY SILT FENCE

CITY OF ASHEVILLE: STANDARD TEMPORARY SILT FENCE OUTLET

CITY OF ASHEVILLE: COMMERCIAL CONSTRUCTION ENTRANCE

CITY OF ASHEVILLE: STANDARD CATCH BASIN INLET PROTECTION

A-B TECH PARKING LOT STORMWATER RETROFIT

13 FACILITIES WAY
ASHVILLE, NC

SEDIMENT AND EROSION CONTROL DETAILS

6.01