The image is a Landscape Conservation Plan Example. It includes various symbols and text indicating tree inventory and preservation plans. The text is not explicitly transcribed into a natural language format due to the complexity and specific technical nature of the diagram. The diagram outlines areas for tree protection, existing and proposed grade lines, and a landscape conservation plan example.
**Landscape Conservation Plan Example**

**LEGEND**
- **L** = Disturbance/Construction Activities
  - Critical Root Zone
  - Existing Grade
  - Proposed Grade
  - Proposed Tree
- **LOD** = Tree Inventory
  - CRZ = South Ives Street
  - VCS 1983-NORTH ZONE
  - IPF 1
  - TP = 10' Chain Link
  - PROP 2 = 20'x20' Shed

**Tree Planting**
- **Symbol**
- **Species**
- **Common Name**
- **Size**
- **Amount**
- **Spacing**
- **Coverage**

**ROW Replacement**
- **Symbol**
- **Species**
- **Common Name**
- **Size**
- **Amount**
- **Spacing**
- **Replacement**

**Canopy Calculation (Square Feet)**
- **Panel Size**
- **Tree Canopy Required (10%)**
- **Large Canopy Trees (5% Bonus)**
- **Small Canopy Tree (2%)**
- **Tree Canopy Remaining to Plant**
- **Total Tree Canopy**

**Tree Planting**
1. Plants shall be furnished and installed as indicated on the Landscape Plan.
2. Plants shall be typical of their species and variety and comply with most recent USDA standards.
3. Plants shall be planted on the day of delivery. If this is not possible, the contractor shall protect stock not planted. Plants shall not remain unplanted for longer than a three-day period after delivery. Any plants not installed during this period shall be rejected. All plants kept on site for any period should be watered and cared for using USDA standards.
4. No stakes shall be used to stabilize trees unless directed by the Arlington County Urban Forester.
5. Trees planted shall receive a 3-inch-thick layer of shredded hardwood mulch in a 6-foot ring surrounding the tree, with a 6-inch clear area near the trunk.
6. Plants shall not be bound with wire or rope at any time to damage the bark or break branches. Plants shall be handled from the bottom of the root ball only.
7. Planting operations shall be performed during periods within the planting season when weather and soil conditions are suitable and in accordance with accepted local practice. Plants shall not be installed in top soil that is in mud or frozen condition. Trees and shrubs shall be installed between 9/15 and 12/15 or between 03/15 and 04/15. Contact the Arlington County Urban Forester to obtain a deviation or approval for planting out of season.
8. No plant, except crops and shrubs, shall be planted within two feet of a sidewalk, 5 feet from a fence, 10 feet from a building, or 15 feet from overhead utility lines.
9. Trees and shrubs shall be planted in holes two to three times as wide and to the depth of the root ball.
10. Plants shall be planted in healthy, uncompacted soil. See the planting chart for soil specifications.
11. Set all plants plumb and straight at such levels that normal or natural relationship between the plant and the ground surface will be established. Locate the plant in the center of the pit.
12. Injured roots shall be pruned to clean ends before planting with clean, sharp tools. The leader of trees shall not be cut back.
13. At the end of the project, preserved and planted trees must be inspected and approved by an Arlington County Urban Forester.
Landscape Conservation Plan Example

NOTE: THE CRITICAL ROOT ZONE (CRZ) IS REPRESENTED AS A CIRCULAR REGION MEASURED FROM THE TRUNK FLARE WITH A RADIUS OF 1.5 TIMES THE DIAMETER OF THE TRUNK FLARE. THE CRZ IS A ZONE THAT MUST BE PROTECTED FOR THE TREE'S SURVIVAL.

1. TREE PROTECTION DETAIL FOR DETERMINING CRITICAL ROOT ZONE (SEE DETAIL)

2. ROOT PRUNING SHALL BE DONE WITH A TRENCHER OR VIBRATORY PLOW TO A DEPTH OF 18". ROOTS OVER 1.5" IN DIAMETER SHALL HAVE A CLEAN CUT MADE BY A CLEAN SAW ON THE SURFACE OF THE ROOT, WHICH IS TO BE COVERED WITH 6-8" WELL GRADED CRUSHED AGGREGATE. ADDITIONAL LAYERS OF GEOTEXTILE MAY BE INSTALLED IN TRENCH PRIOR TO REPLACING THE UNEARTHED CRZ. A TRENCH WILL BE LEFT OPEN FOR A PERIOD OF 48-HOURS OF INSTALLATION, ALL PLANTS MUST BE WATERED TWICE: 1. GRAPHICALLY, THE CRITICAL ROOT ZONE (CRZ) IS REPRESENTED AS A CIRCULAR REGION MEASURED FROM THE TRUNK FLARE WITH A RADIUS OF 1.5 TIMES THE DIAMETER OF THE TRUNK FLARE. THE CRZ IS A ZONE THAT MUST BE PROTECTED FOR THE TREE'S SURVIVAL.

- **Tree Protection Fence (Residential)**
- **Temporary Root Protection Matting within CRZ**

**Tree Protection Detail for Determining Critical Root Zone**

**Root Pruning**

**NOT TO SCALE**

**NOTE**: THE CRITICAL ROOT ZONE (CRZ) IS REPRESENTED AS A CIRCULAR REGION MEASURED FROM THE TRUNK FLARE WITH A RADIUS OF 1.5 TIMES THE DIAMETER OF THE TRUNK FLARE. THE CRZ IS A ZONE THAT MUST BE PROTECTED FOR THE TREE'S SURVIVAL.

1. TREE PROTECTION FENCE (TPF) SHALL BE INSTALLED ON TOP OF MATTING. LAYER OF SILT FENCE TO BE INSTALLED ON SIDE OF FENCE TO FOLLOW LIMIT NOTES:
2. **Tree Protection Fence (Commercial)**
3. **Temporary Root Protection Matting within CRZ**

**NOT TO SCALE**

**NOTE**: THE CRITICAL ROOT ZONE (CRZ) IS REPRESENTED AS A CIRCULAR REGION MEASURED FROM THE TRUNK FLARE WITH A RADIUS OF 1.5 TIMES THE DIAMETER OF THE TRUNK FLARE. THE CRZ IS A ZONE THAT MUST BE PROTECTED FOR THE TREE'S SURVIVAL.

1. **Tree Protection detail for determining critical root zone** (see detail)

2. **Root Pruning**

**NOT TO SCALE**

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