### Plant Schedule

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>QTY.</th>
<th>BOTANICAL NAME</th>
<th>COMMON NAME</th>
<th>INDICATOR</th>
<th>ROOT</th>
<th>FUNCTION &amp; VALUE</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR</td>
<td>47</td>
<td>ACER RUBRUM</td>
<td>RED MAPLE</td>
<td>FAC</td>
<td>CONTAINER</td>
<td>WILDLIFE, SCREENING, EROSION CONTROL, WATER QUALITY</td>
<td>3'-4'</td>
</tr>
<tr>
<td>FP</td>
<td>32</td>
<td>FRAXINUS PENNSylvANICA</td>
<td>GREEN ASH</td>
<td>FACW</td>
<td>CONTAINER</td>
<td>WILDLIFE, SCREENING, EROSION CONTROL, WATER QUALITY</td>
<td>3'-4'</td>
</tr>
<tr>
<td>LS</td>
<td>36</td>
<td>LIQUIFIDAMOUS SYRACUSE</td>
<td>SWEET GUM</td>
<td>FAC</td>
<td>CONTAINER</td>
<td>WILDLIFE, SCREENING, EROSION CONTROL, WATER QUALITY</td>
<td>3'-4'</td>
</tr>
<tr>
<td>LT</td>
<td>27</td>
<td>LIPOSPERSON TULIPERUS</td>
<td>TULIP TREE</td>
<td>FACU</td>
<td>CONTAINER</td>
<td>WILDLIFE, SCREENING, EROSION CONTROL, WATER QUALITY</td>
<td>3'-4'</td>
</tr>
<tr>
<td>MF</td>
<td>31</td>
<td>MALUS FLORIBUNDA</td>
<td>JAPANESE FLOWERING CHERRY</td>
<td>FACU</td>
<td>CONTAINER</td>
<td>WILDLIFE, SCREENING, EROSION CONTROL, WATER QUALITY</td>
<td>2'-3'</td>
</tr>
<tr>
<td>CP</td>
<td>16</td>
<td>CEDRUS EXCELSA</td>
<td>WASHINGTON HAWTHORN</td>
<td>FAC</td>
<td>CONTAINER</td>
<td>WILDLIFE, SCREENING, EROSION CONTROL, WATER QUALITY</td>
<td>2'-3'</td>
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<tr>
<td>FS</td>
<td>60</td>
<td>PICEA STROBUS</td>
<td>EASTERN WHITE PINE</td>
<td>FAC</td>
<td>CONTAINER</td>
<td>WILDLIFE, SCREENING, EROSION CONTROL, WATER QUALITY</td>
<td>2'-3'</td>
</tr>
<tr>
<td>AS</td>
<td>67</td>
<td>ALUS SEREBRATA</td>
<td>COMMON ALOE</td>
<td>GBL</td>
<td>CONTAINER</td>
<td>WILDLIFE, EROSION CONTROL, WATER QUALITY</td>
<td>18'-24'</td>
</tr>
<tr>
<td>AM</td>
<td>78</td>
<td>ARIZONA MULNCHERPA</td>
<td>BLACK CHERRY</td>
<td>FAC</td>
<td>CONTAINER</td>
<td>WILDLIFE, EROSION CONTROL, WATER QUALITY</td>
<td>18'-24'</td>
</tr>
<tr>
<td>CO</td>
<td>97</td>
<td>CEPHALANTHUS OCCIDENTALIS</td>
<td>BUTTONBUSH</td>
<td>GBL</td>
<td>CONTAINER</td>
<td>WILDLIFE, EROSION CONTROL, WATER QUALITY</td>
<td>18'-24'</td>
</tr>
<tr>
<td>CA</td>
<td>147</td>
<td>CORNUS AMOMUM</td>
<td>SILK DOGWOOD</td>
<td>FACW</td>
<td>CONTAINER</td>
<td>WILDLIFE, EROSION CONTROL, WATER QUALITY</td>
<td>18'-24'</td>
</tr>
<tr>
<td>VI</td>
<td>101</td>
<td>VIBURNUM DENTAVUM</td>
<td>ARROWWOOD</td>
<td>FAC</td>
<td>CONTAINER</td>
<td>WILDLIFE, EROSION CONTROL, WATER QUALITY</td>
<td>18'-24'</td>
</tr>
<tr>
<td>IV</td>
<td>31</td>
<td>IRRS VERSCOLOR</td>
<td>BLUE FLAG IRIS</td>
<td>GBL</td>
<td>CONTAINER</td>
<td>WATER QUALITY</td>
<td>18'-24'</td>
</tr>
</tbody>
</table>

### Construction Specifications

**Objective:**
- The landscape plan presented below is designed to accommodate the need for a buffer zone along the soil and water quality impact areas of the site. The plan incorporates strategies to enhance the ecological value of the buffer area and protect the quality of the adjacent water bodies.

**Construction Specifications:**
- The construction plan requires careful consideration of the environmental impacts and the need for protection of the soil and water quality.

**Construction Instructions:**
- The construction plan should be executed with the following instructions:
  - Use the appropriate materials and techniques specified in the plan.
  - Ensure all construction activities are performed in accordance with the approved construction schedule.
  - All construction activities should be conducted in a manner that minimizes soil erosion and disturbance.

### Design Considerations

**Function & Value:**
- The function and value of the buffer zone are as follows:
  - **Wetland Buffers:**
    - Protect the soil and water quality of the adjacent water bodies.
    - Enhance the ecological value of the site.
  - **Planting:**
    - Provide a visual buffer zone.
    - Enhance the aesthetics of the site.

**General Notes for Wetland Buffers:**
- **1. Function:**
  - Protect the soil and water quality of the adjacent water bodies.
- **2. Planting:**
  - Use a variety of native plant species to create a buffer zone.

**PLANTING PROCEDURES:**
- **1. Prepare the Site:**
  - Clear the area of all non-native vegetation.
- **2. Planting:**
  - Plant the selected species in the designated areas.
  - Ensure proper soil and water quality practices are followed.

### Notes and Details

**Montgomery Meadows Mitigation Plans**

**Riparian Buffer Design:**
- Use native species to create a buffer zone along the soil and water quality impact areas.

**Tree & Shrub Planting Details:**
- Use native species to create a buffer zone along the soil and water quality impact areas.

**PLANTING TIPS:**
- **1. Site Selection:**
  - Choose sites that are suitable for the selected species.
- **2. Irrigation:**
  - Provide adequate irrigation to ensure the survival of the plants.

**PLANTING PROBLEMS:**
- **1. Soil Erosion:**
  - Use native species that are adapted to the soil conditions.
- **2. Disease and Insects:**
  - Use disease-resistant species and monitor for pests.