**Tree Planting and Staking**

_Trees Up to 2-1/2" Diameter NOT TO SCALE_

**Reproduction Provided For:**

- 4' x 8' Acrylic or Blown-Up
- 2-1/2" - 3" Caliper Trees
- 3" Caliper Trees
- 3" MULCH

**Seeding and Whip Planting Specifications**

**Mulch**

- MULCH
- 4" MULCH
- 6" MULCH
- 8" MULCH

**Density Chart**

<table>
<thead>
<tr>
<th>Size</th>
<th>Qty. Per Acre</th>
<th>Average Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75&quot; CAL</td>
<td>300</td>
<td>3' X 3'</td>
</tr>
<tr>
<td>1&quot; CALIFER</td>
<td>250</td>
<td>3' X 3'</td>
</tr>
<tr>
<td>1.5&quot; CALIFER</td>
<td>200</td>
<td>3' X 3'</td>
</tr>
<tr>
<td>2&quot; CALIFER</td>
<td>150</td>
<td>3' X 3'</td>
</tr>
</tbody>
</table>

**Note:**
1. Plant mix to be 1/3 pioneer & 2/3 to late successional species
2. Plant larger stock and recommend around perimeter to protect interior smaller trees
3. When spaced are specified, plant them in clusters.
4. Do not plant trees in a drips pattern.

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**Forest Conservation Area Sign**

**NTS**

**Soil Legend**

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>Wood</th>
<th>Soil Type</th>
<th>Wood</th>
<th>Soil Type</th>
<th>Wood</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>22</td>
<td>A2</td>
<td>22</td>
<td>A3</td>
<td>22</td>
</tr>
<tr>
<td>A4</td>
<td>22</td>
<td>A5</td>
<td>22</td>
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<td>22</td>
<td>A11</td>
<td>22</td>
<td>A12</td>
<td>22</td>
</tr>
</tbody>
</table>

**Forest Protection Notes**

**Preconstruction Activities:**

1. Cut vegetation around, trash, plastic fence, and vegetation within 50 feet of the area.
2. Clearing shall be performed by a licensed contractor.
3. Grading, benching, and clearing of the area shall not begin until a final survey is completed and a notice of occupancy is issued.

**Construction Phases:**

1. The construction area is to be kept free of debris and construction vehicles.
2. No equipment shall be driven on or across the protection fence.
3. All equipment shall be kept within the protection fence.
4. The protection fence shall be maintained and checked by the contractor.

**Post-Construction Activities:**

1. At the direction of a licensed tree care operator, trees shall be trimmed to maintain the protection fence.
2. The protection fence shall be maintained and checked by the contractor.
3. Do not remove fence signs.

**Cost Estimates:**

- **Removal of 4.25" Diameter or Larger Trees:** $2,655.00
- **Removal of 3.25" Diameter or Larger Trees:** $1,903.00

**Notes:**

- The project is located on a site with a significant number of mature trees.
- The trees are to be preserved during construction.
- The site is to be restored to its original condition after construction.
- The contractor is responsible for all tree-related activities.

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**Final Road Construction Plan**

**Forest Conservation Details**

**MARGARET'S FANCY**

**Lots 1-2, 14, 16-20 AND CLEAR SPACE LOTS 13, 15 & 21**

**Robert H. Vogel Engineering, Inc.**

**M.T.A. ECOLOGY**

**M.T.A. ECOLOGY**

**Approval:**

- DEPARTMENT OF PUBLIC WORKS
- DEPARTMENT OF PARKS AND RECREATION