SELECTING THE RIGHT TREE OR SHRUB

Use these illustrations to help determine which tree or shrub is right for your property and your neighborhood before you plant:
- Be sure to look up and down. Trees grow to varying heights and spread at their maturity.
- Consider the tree's or shrub's location relative to power lines, both overhead and underground.
- In neighborhoods where CORED installs underground utilities, please follow the guidelines to the right if you are considering planting shrubs around the padmount transformer.
- Do not plant shrubs or trees on top of underground lines. A minimum clearance of 5' each side of the underground line is required.

Large Tree Zone
If the mature height of planting material exceeds 20', it shall be planted at a distance of (mature height - 15') from the center line of the utility easement.

Small Tree Zone
If the mature height of planting material is less than or equal to 20', it shall be planted at a distance of (mature height - 5') from the center line of the utility easement.

CORED MINIMUM CLEARANCE STANDARDS

The degree to which a tree is trimmed depends on several factors: the tree species, voltage of surrounding power lines, and the proximity of power lines to those branches.

1. **14-16' CLEARANCE** - 69kV Transmission
2. **10-12' CLEARANCE** - 7.6kV to 13.2kV Primary
3. **6-10' CLEARANCE** - Open Bare Wire Secondary
4. **6-6' CLEARANCE** - Open Covered Wire Secondary
5. **4-6' CLEARANCE** - Triplex & Quadruplex Secondary

**URBAN/RESIDENTIAL RIGHT-OF-WAY CLEARANCE GUIDE**

<table>
<thead>
<tr>
<th>REV</th>
<th>DATE</th>
<th>DRW</th>
<th>APPD</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>2</td>
<td>11-10-10</td>
<td>JRW</td>
<td>MAE</td>
<td>Added definition of shrub.</td>
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<tr>
<td>3</td>
<td>11-9-11</td>
<td>FWS</td>
<td>MAE</td>
<td>TITLE CHANGE</td>
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<tr>
<td>4</td>
<td>5-9-13</td>
<td>JRW</td>
<td>MAE</td>
<td>Added 4th bulleted note on UG clearance and cosmetic changes.</td>
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