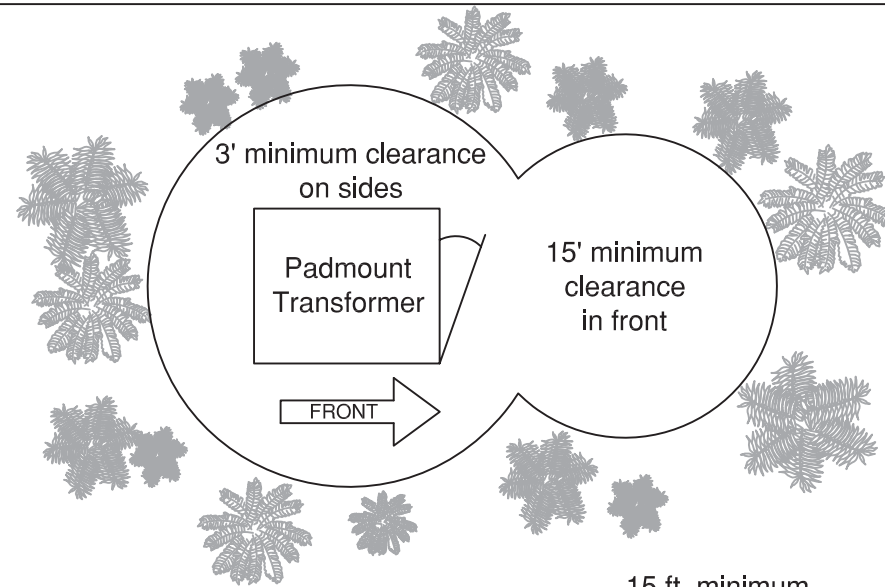


## SELECTING THE RIGHT TREE OR SHRUB

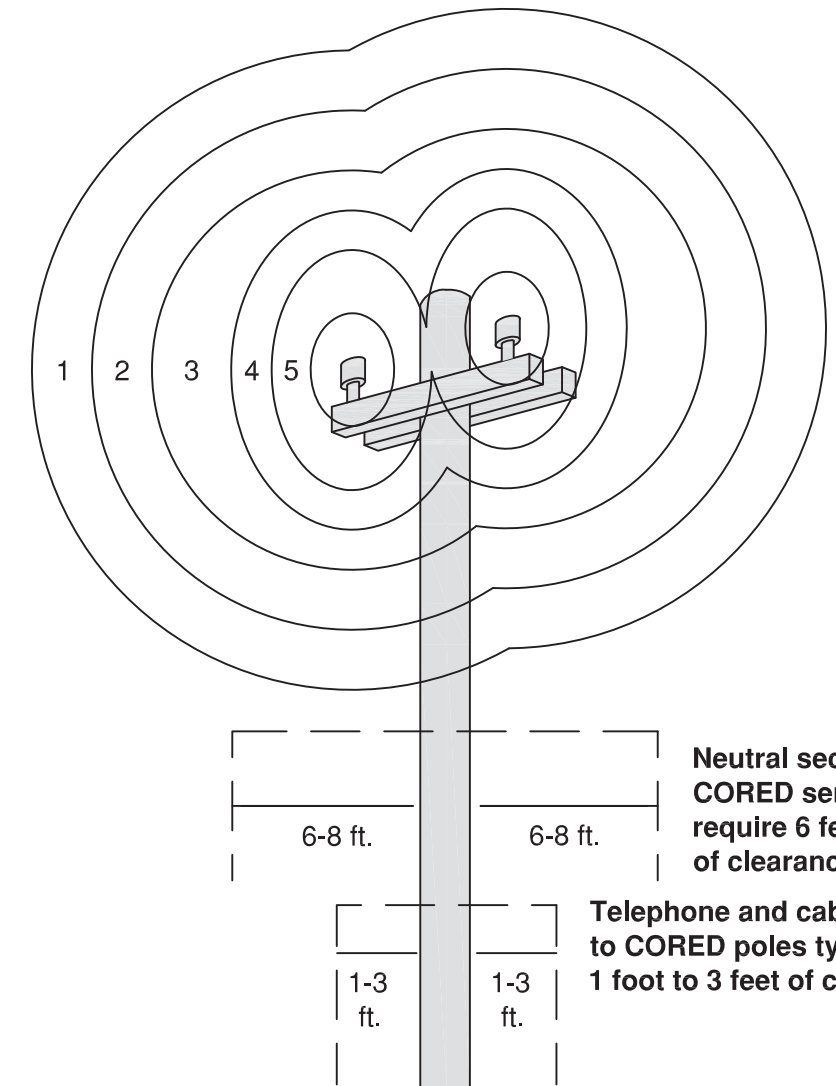
Use these illustrations to help determine which tree or shrub is right for your property and your neighborhood before you plant.

- 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.



## 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.



### Large Tree Zone

If the mature height of planting material exceeds 20', then 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', then it shall be planted at a distance of (mature height - 5') from the center line of the utility easement.

Plant 3 feet to 10 feet from centerline.  
No shrubs or trees within 10' of pole in any direction.  
A shrub being a planting with a mature height less than or equal to 15'

1. 14-16' CLEARANCE - 69kV Transmission
2. 10-12' CLEARANCE - 7.6kV to 13.2kV Primary
3. 8-10' CLEARANCE - Open Bare Wire Secondary
4. 6-8' CLEARANCE - Open Covered Wire Secondary
5. 4-6' CLEARANCE - Triplex & Quadraplex Secondary

REV	DATE	DRWN	APPD	DESCRIPTION
1	1-01-10	PWS	MEB	HANDBOOK UPDATE.
2	11-10-10	JRW	MEB	Added definition of shrub.
3	11-9-11	PWS	MAE	TITLE CHANGE.

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

SUPERSEDES: APPENDIX A		SCALE: NTS
DRWN: MESA	APPD: MEB	DATE: 3-1-07
CORED STANDARD NUMBER	650 R 3	