



REQUIREMENTS FOR NORTH LAKE TAHOE FIRE PROTECTION DISTRICT TRPA PRE-SUBMITTAL REVIEWS

The following guidelines are to be used for all submittals to the Fire District for the Defensible Space Landscape plans and Fire Department Access Plans for Fire District pre-approval of building permits before they are submitted to TRPA.

All information for Defensible Space and Fire Department access may be combined on the same sheet(s).

See the Living with Fire website and publications for information on establishing and maintaining Defensible Space. (www.livingwithfire.info/tahoe)

Defensible Space:

- Minimum 18" x 24" sheet size
- No greater than 2' contour interval lines
- Indicate all current and proposed structures on the property
- Show all property boundaries
- Indicate scale
- North arrow required
- Show all trees and vegetation taller than 3 feet in height regardless of diameter
- Show all individual plant or brush fields 20 square feet or larger in area
- Show all tree drip lines
- Show all roads (public or private) and driveways in and abutting the property

Fire Department Access:

- Minimum 18" x 24" sheet size
- No greater than 2' contour interval lines
- Indicate all current and proposed structures on the property
- Show all property boundaries
- Indicate scale
- North arrow required
- Show all roads (public or private) and driveways in and abutting the property
- Indicate slope gradient on all roads and driveways inside the property boundary
- Show all current and proposed fire hydrants on or adjacent to the property

Provide a contact name and phone number if any questions come up. Complex projects or those requiring a site visit may require additional time for review. Reviews of projects with snow covered property may not be possible until later in the season.

For questions please contact Fire Marshal Tom Smith, (775) 831-0351, x 8105 or Assistant Fire Marshal Peter Mulvihill, (775) 831-0351, x 8107.



CHECKLIST FOR DETERMINING VEGETATION PARAMETERS TO ACCOMPLISH DEFENSIBLE SPACE

The following parameters are to be used for determining Defensible Space needs from landscape plans for pre-approval of permits before they are submitted to TRPA.

Any final approval of Defensible Space will be made in the field, after snow has melted sufficiently to determine compliance with the IWUIC.

Please see Living with Fire's [Guidelines for Creating Defensible Space](http://www.livingwithfire.info/tahoe) at www.livingwithfire.info/tahoe. This list does not represent an interpretation of any TRPA code or ordinance.

1. All dead vegetation, including trees, brush and other vegetation, must be removed.
2. All residual trees will be limbed to a height of **ten-feet (10')** above the ground on the high side. Removal of lower branched should not exceed **one-third** of the total tree height. If more than one-third of the live crown must be removed to accomplish this limbing, then use the horizontal spacing guidelines listed for brush under item 6 below. Please see spacing guidelines below for steep slopes.
3. All residual trees will be limbed to achieve a **ten-foot (10')** clearance from any part of the house to the branches of the tree. If less than **60%** of the live crown would be left after limbing, the tree should be removed.
4. All brush, trees and flammable materials must be removed from under the drip line of residual trees or tree groupings.
5. **Within five-feet (5')** of the foundation or support posts of any part of the structure or an outbuilding, remove all flammable vegetation and materials.
6. **Within the five-foot (5') to thirty-foot (30') zone**, tree canopies will be spaced at least **ten-feet (10')** apart. If trees are grouped close enough together as to act as one unit, then all other requirements must be met. **Within the thirty (30') to one-hundred-foot (100') zone**, stands of large trees do not have to be removed so long as the vegetation underneath them is removed. Please see spacing guidelines below for steeper slopes.
7. **Within the five-foot (5') to thirty-foot (30') zone**, brush fields must be spaced horizontally a minimum distance equal to or greater than **twice** the height of the brush. Individual brush plants cannot exceed **100-square feet (100 sq. ft.)** in area and **three-feet (3')** in height. Please see spacing guidelines below for steeper slopes.

For sloping properties, use the following standards for the above requirements:

	<u>Slope</u>	<u>Spacing</u>
Trees	0 – 20%	10-feet between edges of crowns
	20 – 40%	20-feet between edges of crowns
	above 40%	30-feet between edges of crowns
Brush	0 – 20%	2 times the height of residual brush
	20 – 40%	4 times the height of residual brush
	above 40%	6 times the height of residual brush