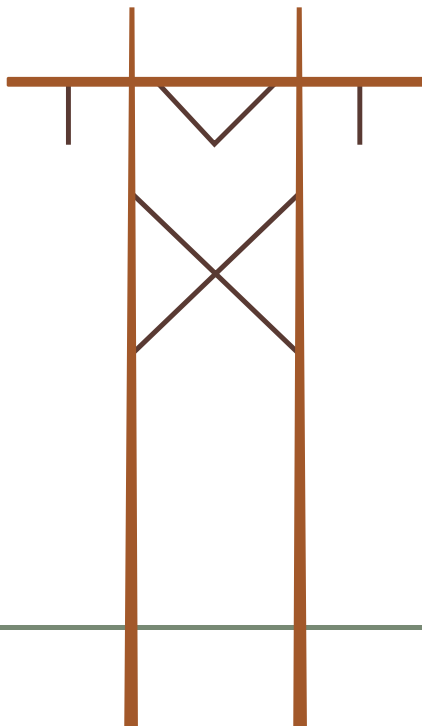


Western Spirit Transmission | Structure Factsheet

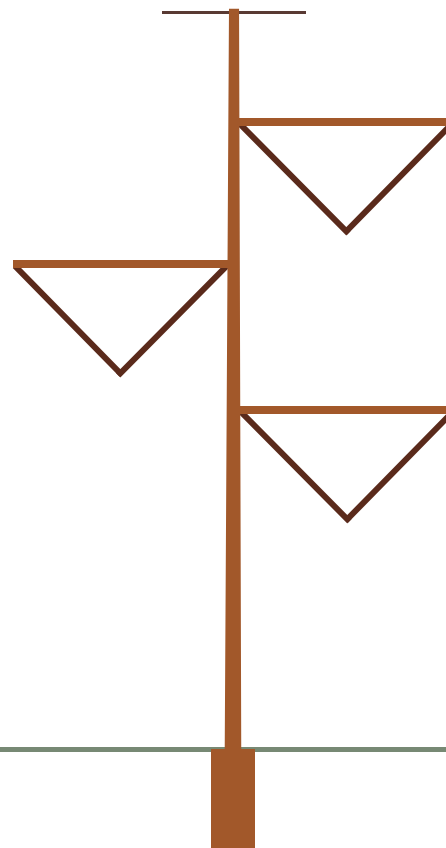
Tangent Steel Pole H-Frame

- » Most common structure, utilized for tangent/straight runs
- » Two (2) vertical tubular corten steel poles with a tubular corten steel cross bracing at the top of the towers and an "X" corten steel crossing in the center of the two vertical poles
- » Height will vary from 90'-130'
- » Typically direct embedded at a depth that will vary depending on soil conditions
- » Easement width 150'
- » Typically self-supported, no guys required



Tangent Steel Mono Pole

- » Typically utilized for river and canal crossings
- » One (1) vertical tubular corten steel pole
- » Height will vary from 100' to 150'
- » Concrete foundations
- » Easement width 150'
- » Typically self-supported, no guys required



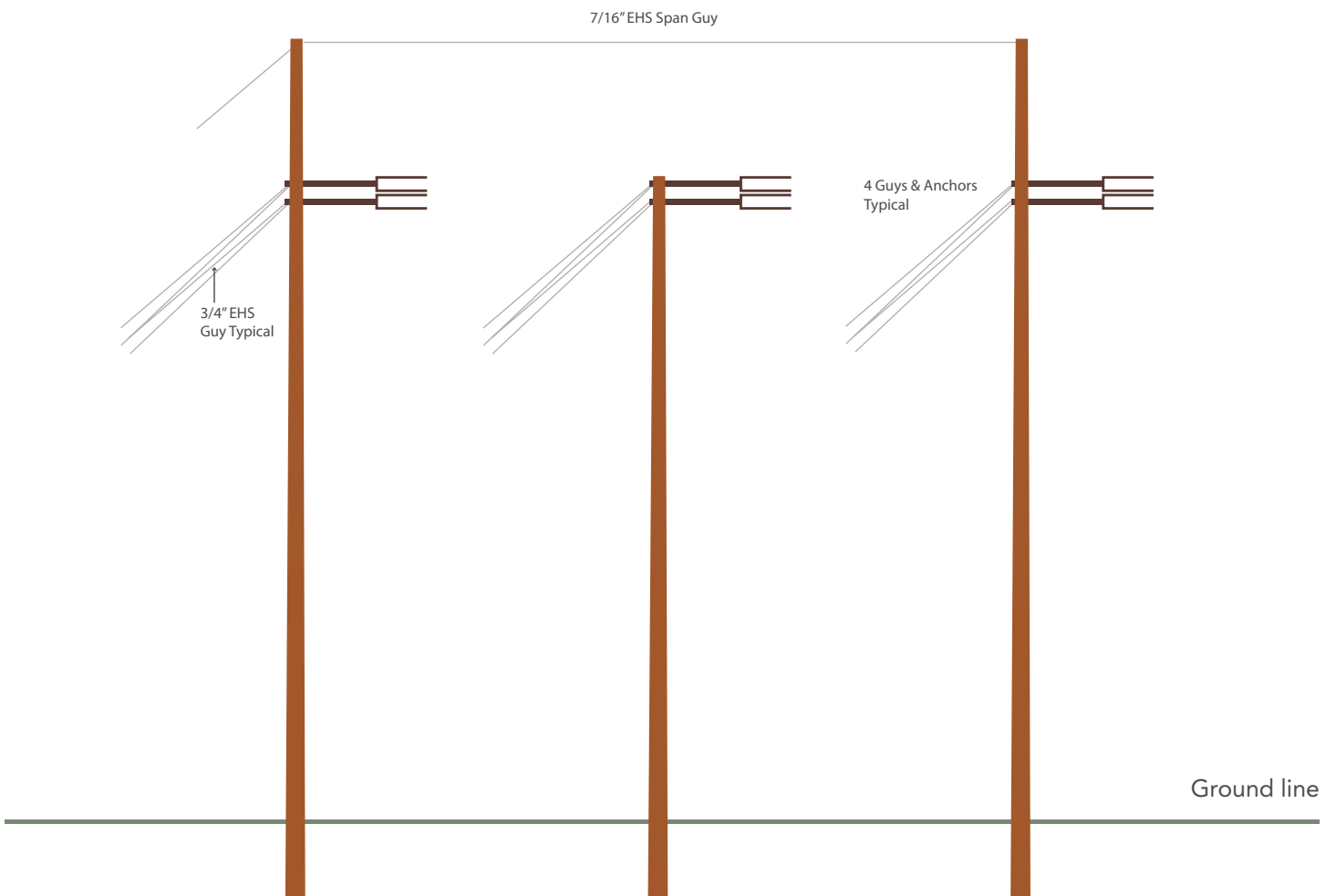
Ground line

The above depictions represent the most common structure types that will be used. Some additional structure types may be utilized in areas where the transmission line is making hard turns or where special topography or engineering requirements exist.

Specialty Structures

90 Degree Turning Structure

- » Three (3) pole tubular steel deadend structure typically 30' apart
- » Direct embedment
- » Typically 90' in height
- » Easement width 150'
- » Span length of 1,200'



The above depictions represent the most common structure types that will be used. Some additional structure types may be utilized in areas where the transmission line is making hard turns or where special topography or engineering requirements exist.