

Summary of Winston-Salem Transmission Tower (Cell Tower) Regulations

Allowed Tower Types

Concealed/Stealth (unipole, monopine)

- Concealed towers have antennae completely hidden within the structure of the tower itself. These towers usually look like flagless flagpoles or faux trees.
- 199' maximum tower height
- Photosimulations are required for concealed towers over 120' tall to show how they will appear in context
- Requires City Council special use permit review in residential zoning districts
- Requires staff zoning permit review in other non-residential zoning districts



Monopole

- Monopole towers are made up of a single support pole with exposed, attached antennae; multiple, collocated antennae can be placed on a pole.
- 199' maximum tower height
- Photosimulations are required for all monopoles in residential zoning districts, regardless of height, to show how they will appear in context
- Requires City Council special use permit review in residential zoning districts
- Requires Board of Adjustment special use permit review in Institutional Public (IP) district
- Requires staff zoning permit review in other non-residential zoning districts



Lattice

- Lattice towers are made up of an open structural support frame with exposed, attached antennae
- 300' maximum tower height
- **Not allowed in residential and IP zoning districts**
- Requires Board of Adjustment special use permit review in LO, CPO, PB, LB, NSB districts (less intense business districts)
- Requires staff zoning permit review in other non-residential zoning districts



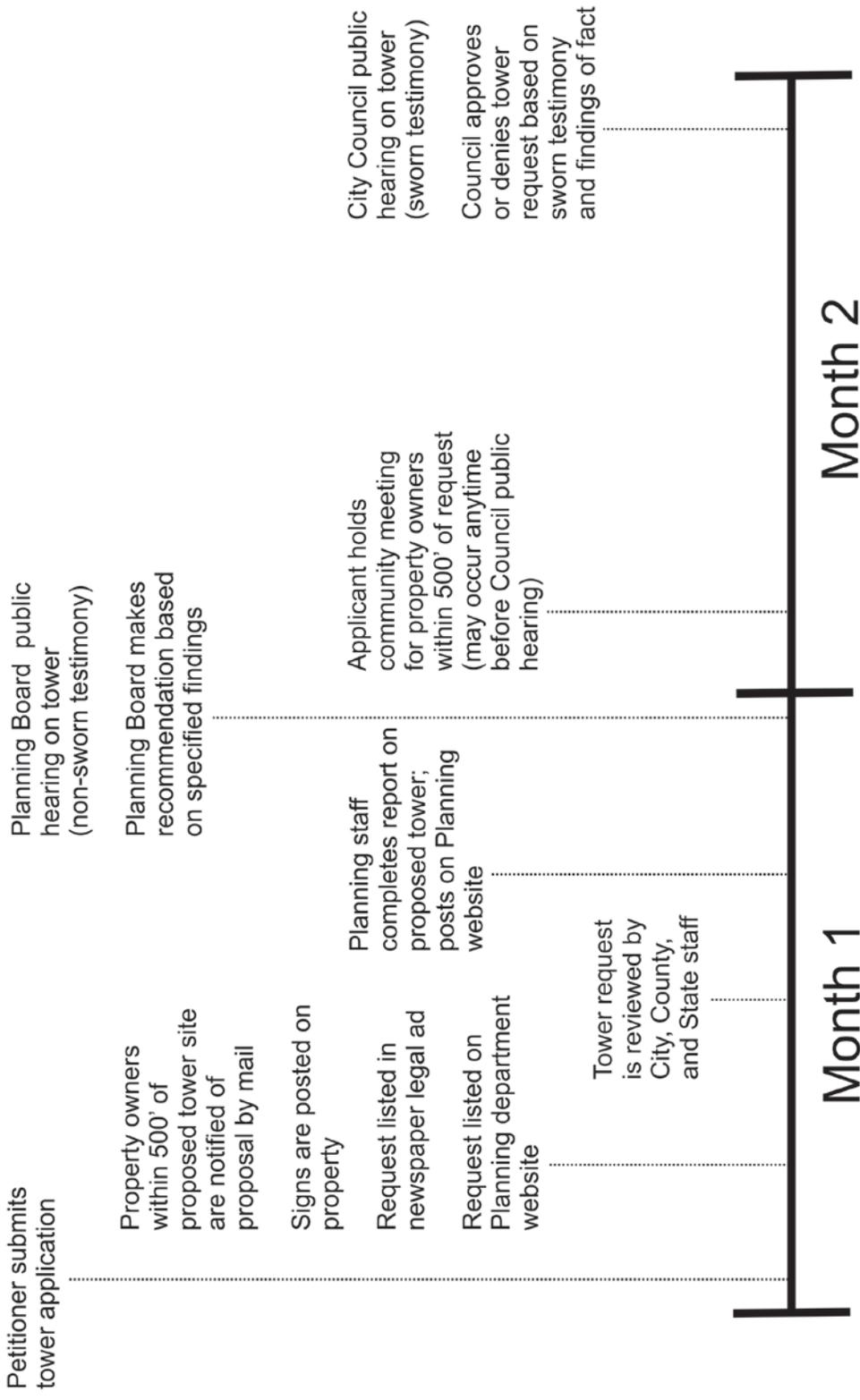
Required Setbacks

- 40' from tower to adjacent nonresidential zoning lots
- Setback equal to tower height from tower to adjacent public streets
- 100' minimum setback from tower to adjacent residential zoning lots
- For towers taller than 100', the minimum setback is equal to tower height

Other Significant Standards

- Towers on vacant residential lots or lots with residential uses must be at least 4 acres in size
- Towers are prohibited in H and HO districts; no freestanding towers in CB or CI districts

Review Process for Transmission Towers in Residential Zoning in Winston-Salem



NOTE: Other towers in non-residential zoning districts are either approved by Inspections staff or the Board of Adjustment without City Council or Planning Board involvement. Board of Adjustment review also requires property owner notification and a sign posting.