

WIRELESS COMMUNICATION FACILITIES



DESIGN GUIDELINES

Adopted April 23, 1998

City of Glendale

WIRELESS COMMUNICATION FACILITIES

DESIGN GUIDELINES

1. Freestanding Monopole Sites

- A. Monopoles rather than lattice towers should be used to minimize the visual impact of the tower. The collocation of wireless antennas on existing lattice towers is appropriate when this will not prolong the life or impact of the tower.
- B. The color of the tower should minimize contrast against the horizon.
- C. The tower should be located on the site in a manner which helps to minimize views from existing and future residences and nearby streets.
- D. Trees with tall canopy heights and other landscaping should be used to help screen towers and related facilities from surrounding views.
- E. Low level security lighting may be provided for wireless communication sites and equipment buildings. Light fixtures must be down shielded and should not extend above the height of the enclosure to minimize offsite glare. Any exterior lighting should be mounted on poles or on the building wall below the height of the screen wall.
- F. The design, materials, and colors of accessory buildings and equipment shelters should be architecturally compatible with the site and the surrounding area.
- G. The mass of antennas and the width of antenna arrays should be minimized.
- H. Monopole sites should be screened by a masonry wall with a minimum height of six feet and opaque gates.
- I. Monopoles with small equipment shelters on developed sites which are effectively screened from off-site views by existing building screen walls, and landscaping may not require additional screening.
- J. Any equipment shelter with air conditioning should be enclosed by walls if located within 300 feet of property zoned for residential use.
- K. Mechanical equipment for accessory equipment buildings should be ground mounted. Mechanical equipment may be mounted on the roof or walls of accessory equipment buildings only if screened from off-site views.
- L. Monopoles should not be located in front of any building on a site.

2. Building and Roof Mounted Antennas

- A. Building mounted equipment shelters should be architecturally integrated into the building or otherwise screened from off-site views.
- B. Building mounted equipment which is part of a new structural addition on top of a roof should not exceed the allowed building height and should be covered or painted to match the color and the texture of the building.
- C. Building mounted antennas should be mounted to integrate with existing structural features. The antenna should not extend more than twelve inches from the face of the building, and should be covered or painted to match the color and the texture of the building.
- D. The support structure for antenna arrays should be minimized to the extent possible without harming structural integrity.
- E. Locate the facilities to minimize visibility to surrounding residential uses.
- F. Minimize the scale of the antenna array and number of antennas.
- G. Roof top mounted equipment should be screened from off-site views.
- H. Roof top mounted antennas should minimize contrast against the horizon.

3. Alternative Structures

- A. The support structure for antenna arrays should be minimized to the extent possible without harming structural integrity.
- B. Minimize the scale of the antenna array and the number of antennas.
- C. The design, materials and colors of accessory buildings and equipment shelters should be architecturally compatible with the site and the surrounding area.
- D. Stealth antenna applications should be used whenever appropriate to the design features of the site.
- E. Large above ground equipment shelters should be screened from view by masonry walls and landscaping.
- F. Large equipment shelters should be located underground if in the public right-of-way. Smaller cabinets may be located above ground subject to approval of the City Engineer.
- G. Any above ground equipment shelters with air conditioning should be enclosed by walls if located within 300 feet of property zoned for residential use.