

TELECOMMUNICATION TOWERS & ANTENNAS CHECKLIST
ARTICLE 23 REQUIREMENTS*

APPLICANT:	PROJECT LOCATION:
PROJECT:	
REVIEWED BY:	PLAN DATED:
DATE REVIEWED:	

Zoning Ordinance
Reference

23-2 USE REGULATIONS

23-2.1 APPLICABILITY

- Tower height greater than 50 ft.
- Tower/antenna other than licensed amateur radio operator and/or receive only antenna for amateur radio station operation.
- Antenna does not increase height of structure more than 20 ft. and does not require additional lighting per FAA.

23-2.2 GENERAL GUIDELINES AND REQUIREMENTS

23-2.2.1 PRINCIPAL OR ACCESSORY USE

Antennas and towers are allowed as principal or accessory use and shall not be deemed to constitute the expansion of a nonconforming use or structure.

23-2.2.2 INVENTORY OF EXISTING SITES

Inventory of existing sites within 5 miles

- Location
- Height
- Existing Use
- Available capacity of tower

23-2.2.3 DESIGN; LIGHTING

- Tower finish and color
- Towers, buildings, facilities blend to natural setting & surrounding structures
 - Materials
 - Colors
 - Textures
 - Screening
 - Landscaping

* Requirements are in addition to Article 18, Site Development Plan Requirements.

- Antenna on structures other than towers
 - Electrical & mechanical equipment is unobtrusive
 - Antenna and related equipment is unobtrusive
- No artificial lighting unless FAA required
 - Planning Commission may review lighting alternatives
- No advertising except on an existing sign structure
- Tower designed to permit maximum 150 ft. height
 - Additional height engineering justification
- Tower designed to collapse within lot lines or lease area

23-2.3 FEDERAL REQUIREMENTS

- Meets FAA regulations
- Meets FCC regulations

23-2.4 BUILDING CODES

Maintenance to comply with federal, state, local building codes.

23-2.5 INFORMATION REQUIRED

- Scaled plan
- Scaled elevation view
- Supporting drawings, calculations, signed and sealed by licensed professionals.
- Location of improvements
- Dimensions of improvements
- Topography
- Radio frequency coverage
- Tower height requirements
- Setbacks
- Drives
- Parking
- Fencing
- Landscaping
- Adjacent Uses
- Actual photographs of site
- Simulated photographic image of proposed tower including
 - Foreground of site
 - Mid-ground of site
 - Background of site
- Planning Commission may require
 - Frequencies of transmission
 - Power in watts
 - Copy of antenna pattern
 - Other information as necessary

23-2.5.1

- ❑ Engineering study certification that tower is compatible for co-location for a minimum of three users.
- ❑ Waiver of co-location requirement by Board of Supervisors

23-2.5.2

- ❑ Copies of co-location policy

23-2.5.3

- ❑ Copies of propagation maps
- ❑ Owner antennas & co-locator antenna are no higher than necessary.

23-2.6

FACTORS CONSIDERED IN GRANTING SPECIAL USE PERMITS (SUP) FOR NEW TOWERS

- a) Height of the proposed tower;
- b) Proximity of the tower to residential structures and residential district boundaries;
- c) Nature of the uses on adjacent and nearby properties;
- d) Surrounding topography;
- e) Surrounding tree coverage and foliage;
- f) Design of the tower, with particular reference to design characteristics that have the effect of reducing or eliminating visual obtrusiveness;
- g) Proposed ingress and egress;
- h) Co-location policy;
- i) Language of the lease agreement dealing with co-location; Consistency with the comprehensive plan and the purposes to be served by zoning;
- j) Availability of suitable existing towers and other structures;
- k) Proximity to commercial or private airports.

23-2.7

AVAILABILITY OF SUITABLE EXISTING TOWERS OR OTHER STRUCTURES

Evidence of one of the following:

- ❑ No existing towers/structures meet engineering requirements
- ❑ No existing towers/structures are of sufficient height to meet engineering requirements
- ❑ No existing towers/structures have sufficient structural strength to meet engineering requirements
- ❑ Interference with existing or proposed equipment
- ❑ Existing tower owner's cost is unreasonable
- ❑ Demonstration of other limiting factors rendering existing towers/structures unsuitable.

23-2.8

SETBACKS

- ❑ Tower setback from off-site residence \geq 400 ft.
- ❑ Towers, guys, accessory facilities meet minimum zoning district setbacks for primary structures.
- ❑ Planning Commission reduction of standard setback requirements

- 23-2.9 SECURITY FENCING
- Minimum 6 ft. security fence with anti-climbing device.
 - Commission waiver of requirement

- 23-2.10 LANDSCAPING
- Minimum 4 ft. landscaped strip outside the perimeter of facilities
 - Commission reduction or waiver of landscaping
 - Preservation of existing mature tree growth and natural landforms
 - Commission determination of natural growth to be sufficient buffer.
 - Existing trees within 200 ft. not to be removed without authorization.
 - Waiver by Board of Supervisors.

- 23-2.11 LOCAL GOVERNMENT ACCESS
- Owners shall provide the County co-location opportunities as a community benefit to improve radio communication for County departments or emergency services.

- 23-2.12 REMOVAL OF ABANDONED ANTENNAS AND TOWERS
- Abandoned towers not operated for 12 months shall remove same within 90 days of notice from County of Pulaski.
- Bond shall be provided to the County until the antenna or tower is removed.

Bond amount \$_____

Received _____ (date) _____ (initials)

- 23-2.13 REQUIRED YEARLY REPORT
- Owner submits a report once a year by July 1 to Pulaski County Telecommunication Committee stating current user status of the tower. Notification to the County is required of substantive changes at least 15 days prior to commencement.

- 23-2.14 REVIEW FEES
- Applicant pays out of pocket cost for review by licensed engineer.

- Fee amount \$_____

- Fee paid _____ (date) _____(initials)

NOTES: _____

