

COUNTY OF KANE

DEVELOPMENT DEPARTMENT
Building and Community Services Division
Mark D. VanKerkhoff, AIA Director



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RESIDENTIAL TOWERS AND RELATED EQUIPMENT

FOR HAM ANTENNA / INTERNET ANTENNA AND SIMILAR APPLICATIONS

INFORMATION REQUIRED FOR PERMIT APPLICATION

(PLEASE RETURN THIS HANDOUT TO THE KANE COUNTY BUILDING DIVISION)

Submit All Required Documents to: KaneBuildingDeptPermits@Co.Kane.II.US

Owner _____

Date: _____

Parcel number _____

References: 2021 International Residential Code, Kane County Zoning Ordinance, Kane County Water Resources Ordinances.

1. Permit application must be completed.
 - A. New structures and existing structures with remodeling/additions
 1. Complete both side of the application.
2. One copy of the construction documents for all structures to be erected on premise. All documents to be sealed by an Illinois licensed architect or structural engineer, as applicable and dated. Construction documents will include complete drawings and specifications of all new and existing conditions, including the following information:
 - A. Information block (see next page)
 - B. Site improvement plans, including all lot lines, building set backs, existing structures, parking layouts, tower color, landscaping plan/privacy fence, and general grading.
 - C. Sealed structural layouts, foundations, sections, and calculations for the tower. Design drawings to be submitted with permit application.
 - D. A soil analysis is recommended and may be required by the Building Officer as part of the building permit application and inspection process to confirm that the soils meet the minimum bearing capacity assumed by the structural design of the tower and the foundation.
3. Plat of survey of the property involved.
4. Answer questions where indicated below:
 - A. Detailed explanation of the use of the structure (Section 1.1 Kane County Zoning Ordinance) (height of tower & height of antenna/equipment head – highest point) _____

5. Will this tower be near a private or public airport? Yes ____ No ____
6. Access permit – approval of new driveway approaches and access points from the appropriate agency. State of Illinois Dept. of Transportation (847-705-4000), Kane County Dept. of Transportation (630-584-1170) or the local township road commissioner (see list).

IN ORDER TO EXPEDITE THE PLAN REVIEW PROCESS AND IDENTIFY KEY TECHNICAL CODE ISSUES, PLEASE HAVE THE DESIGN PROFESSIONAL (ARCHITECT/STRUCTURAL ENGINEER OF RECORD), COMPLETE THE BOX ON THIS PAGE AND HAVE THE SAME INFORMATION BLOCKED ON THE FIRST SHEET OF THE CONSTRUCTION DRAWINGS.

2021 IRC	
DESIGN LOAD: BASIC WIND _____ MPH – EXPOSURE C	
WIND & ICE _____ MPH	INCHES OF ICE _____
TWIST AND SWAY _____ MPH	
TOWER HEIGHT: FEET _____ (HIGHEST POINT ABOVE GROUND LEVEL FOR ANY PORTION OF THE STRUCTURE)	
ANTENNA/EQUIPMENT HEIGHT: FEET _____ (MOUNTING HEIGHT)	

PLEASE FILL IN THIS BLOCK ON THIS PAGE

- ** Zoning Requirements – per Kane County Ordinance 98-45 & State of Illinois 55ILCS 5/5-12001 as amended by SB 1109. This includes a tree survey and replacement plan, the fall zone for the tower, any required privacy fence / landscape plan, and tower color (Beige, if required).