

# Proposed Amendments to Chapter 150 of the Lake County, Illinois Code of Ordinances

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**Add section to § 150.16 2018 ICC INTERNATIONAL BUILDING CODE AMENDMENTS as follows:**

## **SECTION 2410 – BIRD FRIENDLY GLAZING.**

### **2410.1 Bird friendly glass.**

Glass or materials that have a Material Threat Factor Rating of  $\leq 30$  by including materials that meet any of the following conditions: a) any product tested and designated by the American Bird Conservancy (ABC) to have a Material Threat Factor Rating  $\leq 30$  (staff can provide access to ABC's Products & Solutions Database); b) any product that follows ABC's Prescriptive Rating Criteria (staff can provide access to this); c) glass with exterior surface obstructed and effectively covered by building-integrated structures that do not have gaps larger than 12" in any dimension including non-glass double-skin facades, metal screens, fixed solar shading, and exterior insect or solar screens; or d) continuous-surface materials, including spandrel glass and polished or brushed metals, whose exterior surface gloss has a reflectivity of 15 percent or less as specified by the manufacturer.

**COMMENTARY:** Bird friendly materials may be measured by "Threat Factor", or the degree of risk that a material poses to birds, as defined by the most current version of the American Bird Conservancy's (ABC) Threat Factor Index (initially established in October 2011), and as indicated by the percent of times in which birds will not avoid collision. ABC defines "bird friendly" materials as having a Threat Factor  $\leq 30$ .

### **2410.2 New non-residential facade requirements.**

For new build non-residential properties, at least eighty percent of all glass on each exterior facade from the ground level to one hundred feet, including but not limited to glass surrounding a green roof or landscaped area, shall be bird friendly glass.

### **2410.3 New PUD facade requirements.**

For new Planned Unit Developments (PUDs), at least eighty percent of all glass on each exterior facade from ground level to one hundred feet, including but not limited to glass surrounding a green roof or landscaped area, shall be bird friendly glass.

Building design and orientation in planned unit developments must incorporate consideration of nearby existing bird habitats, landscaped plantings, and known bird migration paths.

### **2410.4 New accessory structure façade requirements.**

Accessory structures to new non-residential buildings and PUDs, including but not limited to free-standing glass walls, railings, windscreens, greenhouses, and other similar construction, shall have at least eighty percent of all glass on each exterior facade be bird friendly glass.

### **2410.5 Renovations and additions involving glass.**

Any renovation or addition to a building from the ground level to one hundred feet that involves replacement and/or addition of glass or other transparent or reflective materials, shall ensure that at least eighty percent of all such materials shall be bird friendly. This shall apply to all exterior glass or other transparent or reflective materials including but not limited to glass surrounding a green roof or landscaped area.