

## BIRD FRIENDLY DESIGN

### Intent:

Consider implementing bird-friendly design strategies to minimize avian collisions in new building projects and during the replacement of large exterior glazing areas in renovated buildings. These strategies should be submitted for owner review before proceeding with design development. Each bird-friendly design strategy will be evaluated for approval consideration on a per-project basis.

### Bird-Friendly Design Strategies:

Consider incorporating bird-friendly materials to make the building visible to birds by reducing reflective and transparent conditions. Use materials with a threat factor of 25 or less, as defined by the American Bird Conservancy. Evaluate product availability for initial installation, maintenance, and replacement. Assess the impact on the project schedule and additional costs directly related to the bird-friendly design strategy.

Consider design strategies that include, but are not limited to:

- **Glazing with UV or Opaque Patterns:** Use patterns that meet the 2 x 4 rule, where horizontal spacing of reflective or transparent surfaces should be two inches or less, and vertical spacing should be four inches or less.
- **Patterned Glazing:** Apply visible patterns like lines or dots using etched or fritted glass to interrupt reflective or transparent surfaces.
- **Screens, Grilles, or Exterior Shades:** Utilize these elements to break up reflective or transparent surfaces.
- **Avoid Fly-Through Conditions:** Design spaces to avoid creating the illusion of a clear path through glass passageways, especially those with parallel glazing spaced 17 feet or less apart.
- **Planting Considerations:** Avoid placing bird habitats near glazing to reduce collision risks.
- **Lighting Control:** Minimize excess light emitted through windows at night and use automatic controls to shut off interior lighting where possible.
- **Shield Exterior Lights:** Ensure new exterior light fixtures do not emit light above a 90-degree angle.

### Exclusions:

Secondary products including window film, applied decals, or stickers are not allowed as bird-friendly design strategies for new building projects, the replacement of large exterior glazing areas in renovated buildings, or for existing building applications.