

BIRD-FRIENDLY DESIGN GUIDELINES

Intent:

Evaluate the opportunity to incorporate design strategies that reduce bird collisions with new buildings and where large areas of exterior glazing are replaced in renovated buildings.

Exterior Glazing Guidelines:

Develop a building façade strategy using bird-friendly material to make the building visible to birds by mitigating reflective and transparent conditions. Bird-friendly material should have a threat factor of 25 or less, as defined by the American Bird Conservancy.

Investigate the opportunity to include these guidelines in the design response:

- Consider glazing with an ultraviolet (UV) or opaque pattern that meets the 2 x 4 rule. The 2 x 4 rule indicates that when trying to mitigate large glazed surfaces, uninterrupted horizontal spacing of reflective or transparent surfaces should be two or fewer inches. Uninterrupted vertical spacing of reflective or transparent surfaces should be four or fewer inches.
- Consider adding patterns to glazing: Interrupt reflective or transparent surfaces utilizing a visible pattern that responds to the 2 x 4 rule. Visible patterns can include: lines, dots, etc. using etched or fritted glass.
- Consider screens, grilles, or exterior shades to interrupt reflective or transparent surfaces.
- Carefully consider glazed narrow interior spaces or glazed pedestrian bridges that create the perception of potential fly-through conditions, (i.e. glass passageways with parallel glazing spaced 17 feet or less apart, that may create an illusion of a void or reflective condition.
- Carefully review plantings near glazing for bird habitat and/or potential collision.

Interior Lighting Guidelines:

Minimize excess light emitted through windows at night, and where possible, control interior lighting to automatically shut off at night.

Exterior Lighting Guidelines:

Shield all new exterior fixtures such that the installed fixture does not directly emit light at a vertical angle greater than 90 degrees.