

APPENDIX 'C'
BIRD FRIENDLY GUIDELINES SPECIFICATIONS CHECKLIST

Bird Friendly Review Procedures in Site Plan Application Review		
	Applicant Responsibilities	City Staff Responsibilities
At pre-consultation	To inquire about Bird Friendly requirement.	Planning and Urban Design to: a) provide <i>Bird Friendly Checklist</i> , to be filled in by applicant's architectural consultant, in Elevation drawing(s) stamped by OAA member; b) provide <i>Bird Friendly Lighting Criteria</i> , to be filled in by applicant's electrical consultant, in drawing(s) stamped by Professional Engineer; encourage development to exceed the minimum bird friendly requirements.
At submission	a) Provide Elevation drawing(s) that include a completed <i>Bird Friendly Checklist</i> (see <i>Building Elevation Submission requirement</i>). b) Provide Floor plans that show the functional layout of the building.	Development Services counter to: a) verify Elevation drawing(s) include a completed <i>Bird Friendly Checklist</i> that indicates treatment(s) meet mandatory requirements; b) verify Floor Plans are submitted; and c) advise Planning of a) and b) prior deeming submission complete.
At endorsement	a) Provide Elevation drawing(s) that include a completed <i>Bird Friendly Checklist</i> that meets all criteria for Urban Design and Planning stamp and signature.	Urban Design to: a) stamp and sign <i>Elevation Drawings</i> Planning to: a) address bird friendly in <i>DSC Report</i>
At post endorsement site plan review and Approval	a) Provide Lighting Photometric drawing that shows 0 level lighting at property line; b) Provide Electrical engineering drawing(s) that include a completed <i>Bird Friendly Lighting Criteria</i> and Light fixture Specifications from catalogue; c) Provide Cost Estimate of exterior light fixtures for collecting letter of credit.	Engineering to: a) verify that <i>Lighting Photometric</i> shows 0 lighting level at property line; b) verify that <i>Electrical Engineering Drawing(s)</i> include a completed <i>Bird Friendly Lighting Criteria</i> that indicates lighting treatments meet mandatory requirements.
At site plan agreement	Work with City staff to ensure development meet Bird Friendly Lighting requirements.	Engineering to: a) stamp and sign <i>Electrical Engineering Drawing(s)</i> , and cost estimate. Planning to: a) provide <i>Bird Friendly conditions</i> to be included in the Site Plan Agreement.

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Building Elevation(s) Submission Requirement (Mandatory)

Building Elevations to include *Bird Friendly Checklist* at the time of *Site Plan Application* submission. Form to be filled in by architectural consultants on behalf of the applicant.

Require architect's stamp and signature.

Insert Bird Friendly Checklist that indicates treatment(s) meet mandatory requirements

Identify contiguous glass panels, if each panel area is greater than 2m².

Building A Elevations	
Sheet No. 09-130	Scale 1:100
Project No. A4-A1	Client No.
Architect	Client

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Mandatory Primary Treatments

AT GRADE CONDITION

- Bird friendly treatment is applied on minimum 85% of contiguous glass panel area, if each panel area is greater than 2m² and within 16m from finished grade.

TREATMENTS (confirm one or more of the below treatments are applied)

Stripes

horizontal strip spacing is less than 5cm on centre
vertical strip spacing is less than 10cm on centre
horizontal strips widths are greater than 3.1mm
vertical strips widths are greater than 6.1mm

Dots

dot size is larger than 5mm
horizontal strip spacing is less than 5cm on centre
vertical strip spacing is less than 10cm on centre

Application of fritting or etching of glass is preferred as a permanent treatment, but other treatments are also acceptable. Treatment should be on exterior surface of glass. Pattern colour should be of high contrast in relation to the background.

ROOF LANDSCAPE CONDITION

- Bird friendly treatment is applied on minimum 85% of contiguous glass panel area, if each panel area is greater than 2m² and within 16m from finished grade.

TREATMENTS (confirm one or more of the below treatments are applied)

Stripes

horizontal strip spacing is less than 5cm on centre
vertical strip spacing is less than 10cm on centre
horizontal strips widths are greater than 3.1mm
vertical strips widths are greater than 6.1mm

Dots

dot size is larger than 5mm
horizontal strip spacing is less than 5cm on centre
vertical strip spacing is less than 10cm on centre

Application of fritting or etching of glass is preferred as a permanent treatment, but other treatments are also acceptable. Treatment should be on exterior surface of glass. Pattern colour should be of high contrast in relation to the background.

Mandatory Lighting Criteria

- the use of exterior up lighting is eliminated
- there is no exterior light spill outside of property line
- interior lights are out between 11pm – 6am during spring (March-June) and fall (August-October) migration period