



# STREET LIGHTING DESIGN CHECKLIST

Date: \_\_\_\_\_ City File No: \_\_\_\_\_

Project: \_\_\_\_\_ Address: \_\_\_\_\_

Consultant: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Contact Email: \_\_\_\_\_

## DESIGN & SUBMISSION REQUIREMENTS

Yes No N/A

- |                          |                          |                          |     |   |
|--------------------------|--------------------------|--------------------------|-----|---|
| <input type="checkbox"/> | <input type="checkbox"/> |                          | A1  | <b>All items in the SHADED areas are explained in the cover letter or additional attachments.</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A2  | All street lighting drawings and documents in submission are authenticated by a licensed Professional Engineer specialising in electrical lighting design.  |
| <input type="checkbox"/> | <input type="checkbox"/> |                          | A3  | Works & Services Bylaw (current), Appendix D – Commitment to Design and Field Review by Owner’s Engineer  |
| <input type="checkbox"/> | <input type="checkbox"/> |                          | A4  | Street lighting Design in accordance with Works & Services Bylaw (including standard drawings) and MMCD 26 56 01 and CE Code.   |
| <input type="checkbox"/> | <input type="checkbox"/> |                          | A5  | Design meet ANSI/IES RP-8-14 practices and requirements.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A6  | Adequate illumination of intersections, transit stops and community post boxes provided LUX diagram.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A7  | Illumination meets road classification. (Colour temperature 4000K (Local, Collector & Arterial Roads).  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A8  | All luminaires are Phillips Road Focus (or current equivalent) LED Cobra heads complete with 7 pin receptacles.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A9  | Street Light location(s) to be on property corner pin, unless approved by the City.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A10 | Anti-theft devices incorporated into the design.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A11 | BC Hydro pole Davit Arms -confirmation from BC Hydro for use on specific poles, design drawings to include pole #.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A12 | Details on the Power (wattage), pole height, lens type, photocell (y/n), pole type, service base (i.e. C, C2, C3), Style (i.e. single davit, decorative), installation year, manufacturer, fixture SKEW #'s. <b>Supplied for each street light for GIS inventory.</b> |

## POST CONSTRUCTION SUBMISSIONS & SLIM APPLICATION REQUIREMENTS:

- |                          |                          |                          |    |   |
|--------------------------|--------------------------|--------------------------|----|---|
| <input type="checkbox"/> | <input type="checkbox"/> |                          | B1 | Works & Services Bylaw (current), Appendix E – Certification of Bylaw Compliance by Owners Engineer |
| <input type="checkbox"/> | <input type="checkbox"/> |                          | B2 | SLIM application form filled out and submitted with items B3 and B4                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | B3 | Safety Authority Form filled out and authenticated  |
| <input type="checkbox"/> | <input type="checkbox"/> |                          | B4 | Record Drawings to clearly indicate service box connection(s).                                      |