

Street Lighting Drawing

File Format

AutoCAD (.dwg) in metric, with all drawings bound - no xrefs

Adobe PDF (.pdf)

What is a Street Lighting Drawing?

A Street Lighting Drawing shows the location of existing or proposed streetlights around the developments, including the service connection point.

Why do we need it?

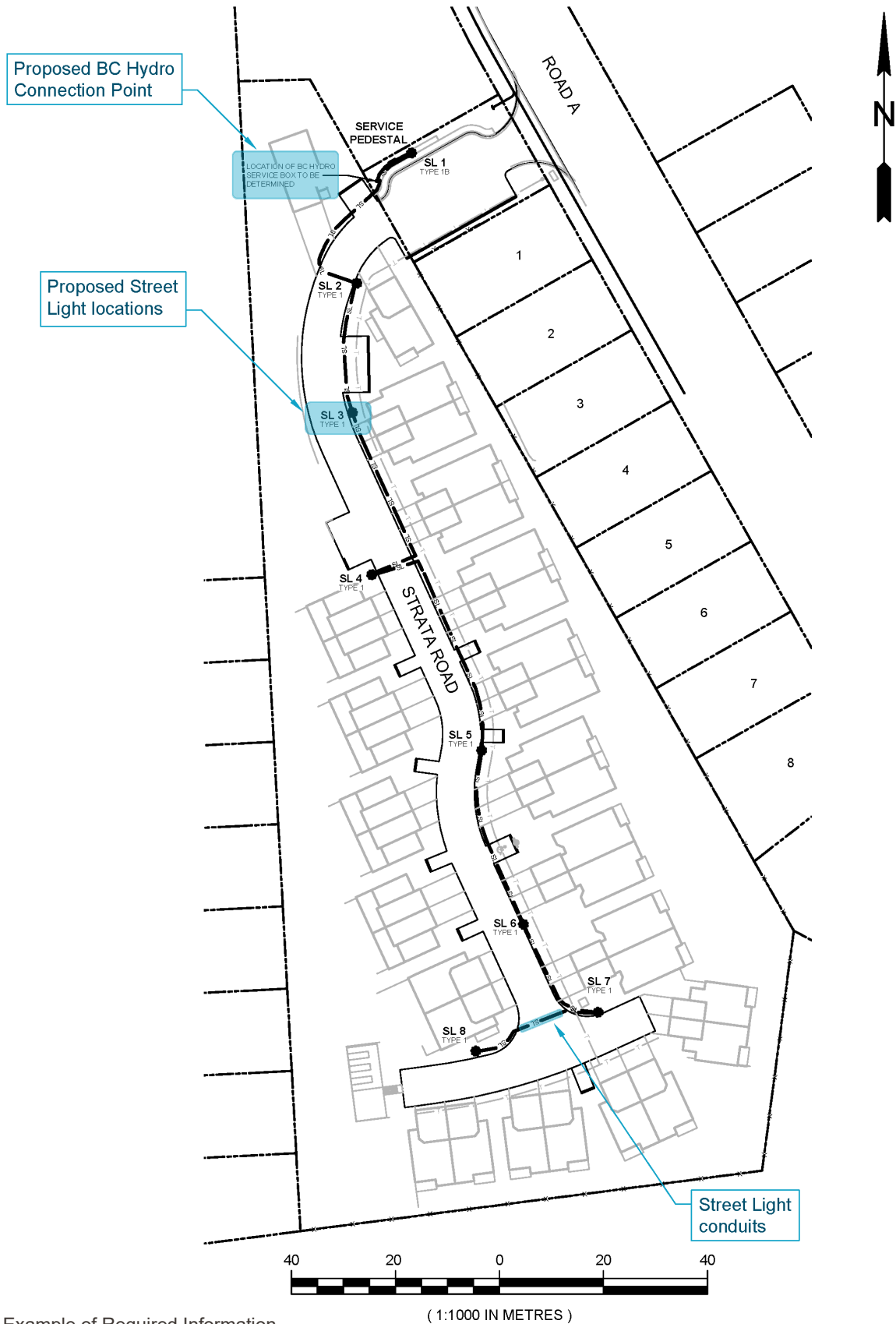
Streetlights are overhead structures that will need an electrical service connection. We need to see the location of the streetlights to confirm that there are no safety issues and to where the lights will be connected. This drawing is often used with Civil Drawings to give us the best understanding of your site requirements.

What does it need to show?

What we need to see	How much detail is required?	Why do we need to see it?
Pole Style and Size	<ul style="list-style-type: none">• Height, arm length, orientation, diameter• Size of streetlight bases	<ul style="list-style-type: none">• To maintain minimum clearances in our design between our energized conductor and the conductive streetlight poles
Proposed and Existing Locations	<ul style="list-style-type: none">• Locations of all ornamental streetlights that will be installed	<ul style="list-style-type: none">• To coordinate locations of our underground infrastructure and pole locations
Street Light Conduits	<ul style="list-style-type: none">• Distance from property lines• Typical depth of installation or profile view	<ul style="list-style-type: none">• To coordinate required separations and clearances for underground infrastructure within our design
Proposed BC Hydro Electrical Connection Location	<ul style="list-style-type: none">• Location of proposed connection location(s) to existing or proposed BC Hydro pole, service box or kiosk	<ul style="list-style-type: none">• To ensure that our design includes the necessary equipment to connect to the streetlighting system at those locations

For more detailed information, please refer to our [Distribution Technical Standards and Guides](#) on bchydro.com

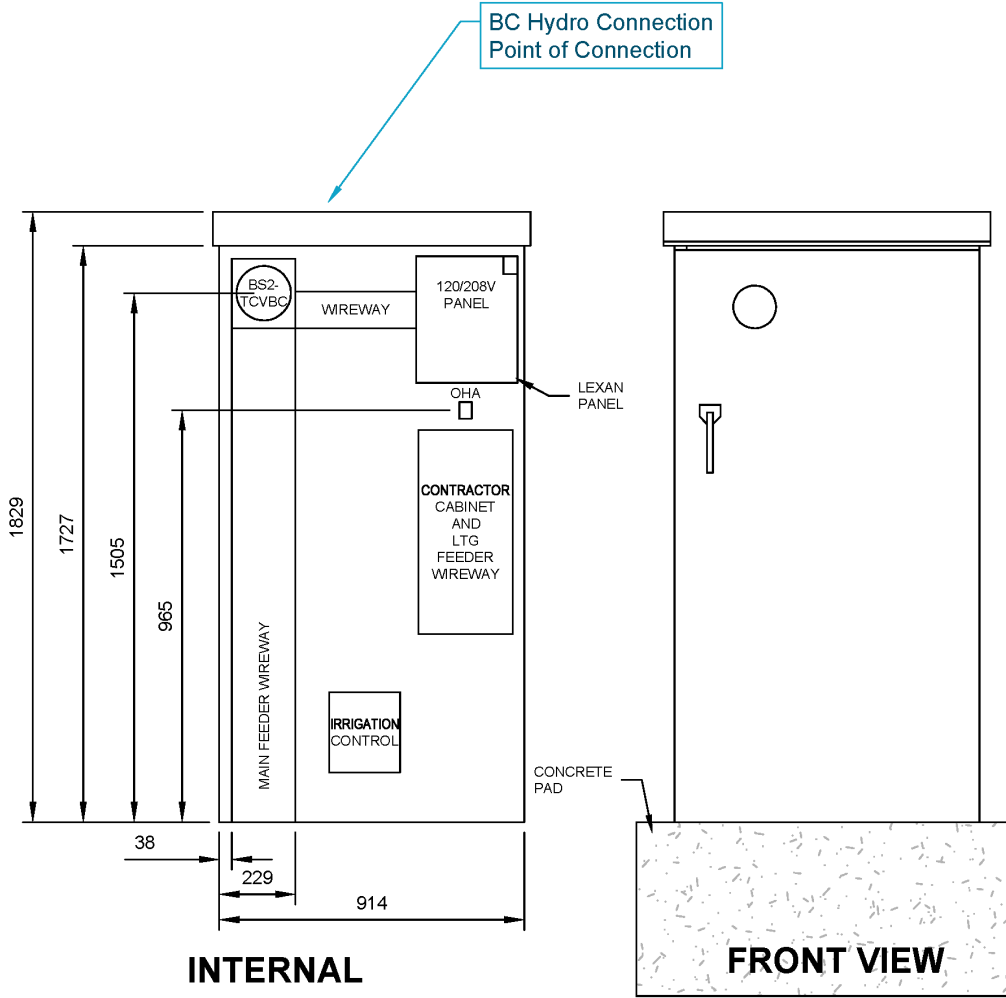
Street Light Layout (Plan View) Example



Example of Required Information

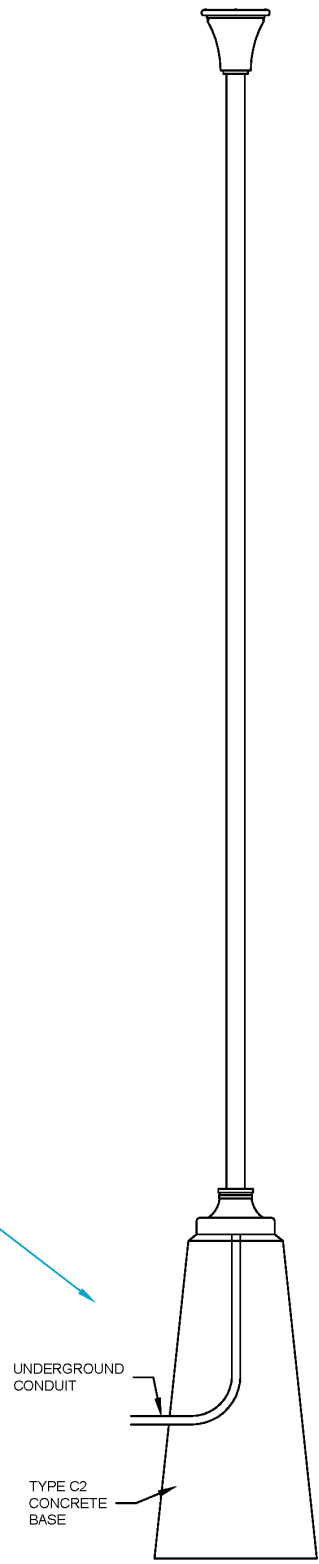
The material and information shown in this document are intended for informational purposes only, and we'll be updating it from time to time. It has been created to emphasize common requirements, errors and omissions that can cause delays in the design process and may not reflect current industry and professional standards or requirements. It is not a substitute for legal, engineering or professional advice.

Pole Style and Size Example



BC Hydro Connection Point of Connection

Street Light to be installed



LUMINAIRE SCHEDULE (ROAD A & STRATA ROAD)					
ITEM	QTY	LUMINAIRE	POLE	DESCRIPTION	LLF
TYPE 1	7	35W 32 LED 4K PHILIP LUMEC METROSCAPE TYPE 2 c/w HOUSE SIDE SHIELD	5.5m(18') POLE NOVA POLE 100-70-RS4K01-F-C/W-DBC BASE COVER & 11" BCD	35W LED ON 5.5m (18') POLE	0.81
TYPE 1B	1	55W 48 LED 4K PHILIP LUMEC METROSCAPE TYPE 3 c/w HOUSE SIDE SHIELD	5.5m(18') POLE NOVA POLE 100-70-RS4K01-F-C/W-DBC BASE COVER & 11" BCD	35W LED ON 5.5m (18') POLE	0.81

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