

CITY OF LOS ANGELES



ELECTRONIC PLAN PROCESSING INSTRUCTIONS FOR PRIVATE DEVELOPMENT STREET LIGHTING PROJECTS



engpermits.lacity.org/bpermits

GENERAL ONLINE INFORMATION

Electronic Plan Submittal:

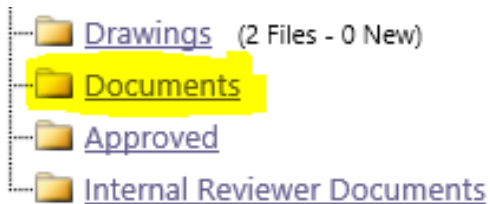
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Street Lighting:

bsl.lacity.org

INSTRUCTIONS

1. Print this document, complete and sign all required forms and checklists below by hand (written).
2. Scan all required forms and checklists contained within this document into the portable document format (.pdf), and upload them to the "Documents" folder of your project on the ePlanLA website: engpermits.lacity.org/bpermits



3. Upload each sheet of your plan, in both portable document file (.pdf) and AutoCAD (.dwg) formats, to the "Drawings" folder of your project on the ePlanLA website: engpermits.lacity.org/bpermits



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**DEPARTMENT OF
PUBLIC WORKS**

**BUREAU OF
STREET LIGHTING**
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LOS ANGELES, CA 90015

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EXECUTIVE DIRECTOR

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<http://bsl.lacity.org>

BUREAU OF STREET LIGHTING
PRIVATE DEVELOPMENT DIVISION
B – PERMIT SECTION
(213) 847-1547

ENGINEER OF RECORD FORM

B-PERMIT Title: _____

B-PERMIT No.: _____

Planning Case No.: _____ **County APN:** _____

I hereby certify that I am the person whose name appears on this submittal and that all the information I have provided is complete and accurate to the best of my knowledge.

I understand that the Bureau of Street Lighting will reject my submittal if any highlighted items on the check lists are not satisfied. I agree not to hold the Bureau of Street Lighting responsible and liable for the information and documents I provided in the pursuit of acceptance of the street lighting plans.

I, _____, a California Licensed Civil or Electrical Engineer, am the engineer on record of the subject project.

PE Stamp:

Signature: _____

Date: _____

CITY OF LOS ANGELES BUREAU OF STREET LIGHTING

CALCULATION CHECK LIST

BR #: _____

CASE #: _____

BUREAU OF STREET LIGHTING ILLUMINATION STANDARD (REFERENCE: IES/ ANSI RP-8 June 27, 2000)

ROADWAY

SIDEWALK

STREET NAME	CLASSIFICATION		Width	Horiz. Illum. (fc)			Uniformity Ratio			Width	Horiz. Illum. (fc)			Uniformity Ratio			Electrolier Type/ MH Arm Lgth	Lum. Dist. Type	Lamp Watt/ Type	Config. Type and Max. Space.
				IES	ENGR.	BSL	IES	ENGR.	BSL		IES	ENGR.	BSL	IES	ENGR.	BSL				
	Rdwy	Area		Rec.	Calc.	Calc.	Rec.	Calc.	Calc.		Rec.	Calc.	Calc.	Rec.	Calc.	Calc.				

Roadway Class:

L-local
C-collector
SH -scenic hwy
S-secondary
M-major

Pedestrian Activity:

High -commercial
Medium -intermediate
Low -residential

Lamp Type:

LED-light emitting diode
MH -metal halide
FL -fluorescent
HPS -high press. sodium
LPS -low press. sodium
MV -mercury vapor

System Config.:

S -staggered
O -opposite
OS -one-sided

Distribution Type:

MC2 -medium cut-off type II
MC3 -medium cut-off type III

NOTES:

1. The information and result of calculations on the above table must be completely filled out by the Record Engineer.
2. The Record Engineer is required to submit the support documentation and proof of calculation for the above values.
3. The calculation results as shown on the above table should be matched with the proposed of street lighting design and layout.

Prepared By (Pvt. Engr.): _____

Date: _____

CITY OF LOS ANGELES
BUREAU OF STREET LIGHTING

SUBMITTAL CHECK LIST

ITEMS	Checked (PVT ENG)
1. B-PERMIT APPLICATION (Showing plan checking fees and bond amounts.)	
2. IMPROVEMENT CONDITIONS	
3. ENGINEER OF RECORD FORM	
4. ILLUMINATION CALCULATIONS (Including IES table, roadway and area classification, picture of proposed electrolier and luminaire type, and photometric curve.)	
5. PHOTOS (Showing the entire project frontage with photo key map.)	

**CITY OF LOS ANGELES
BUREAU OF STREET LIGHTING**

DESIGN CHECK LIST

ITEM	
1.	Show existing street lighting system including plan number, pole type, luminaire type and size, conduit size, and station number.
2.	Determine type of electrolier and luminaire to match with surrounding area.
3.	Show the proposed and future street lighting system based on the calculation and existing condition.
4.	Specify the proposed street lighting equipment and complete the material list.
5.	Show the proposed street lighting system complete with correct station numbers, conduit sizes, delta notes, and symbols.
6.	Show all existing and proposed street lighting services with load information within the project area.
7.	Show all series circuit diagrams and loads if the proposed system is involved with the existing series circuit.
8.	Verify and specify street lighting poles to match with Department of Transportation's equipment if there is a DOT combination pole.
9.	Check clearances of minimum 5' from proposed or existing driveways and 20' from street trees.
10.	Check clearances of minimum 5' from fire hydrant, power pole, handicap ramp, or catch basin.
11.	Show the sidewalk details and request for a sidewalk easement if the parkway is less than 6'.
12.	Check the proposed electrolier locations for any conflicts with underground or overhead equipment.
13.	Create special delta note(s) for special equipment or condition.

**CITY OF LOS ANGELES
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PLAN LAYOUT CHECK LIST

ITEM	
1.	Show B-permit title per valid B-permit application.
2.	Check City planning conditions for B.S.L. authorization and requirements.
3.	Check City planning conditions for B.O.E. authorization and requirements.
4.	Show the latest General, Supplemental, and Proposition 218 Notes.
5.	Check plan layout with 1" = 40' scale.
6.	Show corrected plan & graphic scale & North arrow.
7.	Check and inform others if project overlapping occurs.
8.	Check lot size and project location with "Final" map and Street improvement plan.
9.	Show street lighting station number to match with street improvement plan.
10.	Check or create all applicable Delta Notes.
11.	Show substructure line(s) and details
12.	Show right-of-way dimensions for roadway, parkway, and existing or proposed driveway(s).
13.	Show key map with 1"= 500' on BSL front sheet
14.	Fill out DM.#, P.M.#, Council District #, # of Electrolier, & A.P.N. #.
15.	Verify Record Engineer's. LOGO & R.E. Seal, signature & date.