CITY OF LOS ANGELES

ELECTRONIC PLAN
PROCESSING INSTRUCTIONS FOR

PRIVATE DEVELOPMENT
STREET LIGHTING PROJECTS

engpermits.lacity.org/bpermits

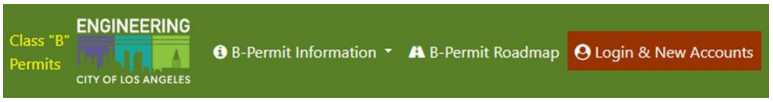
GENERAL ONLINE INFORMATION

Electronic Plan Submittal:	engpermits.lacity.org/bpermits
Street Lighting:	lalights.lacity.org

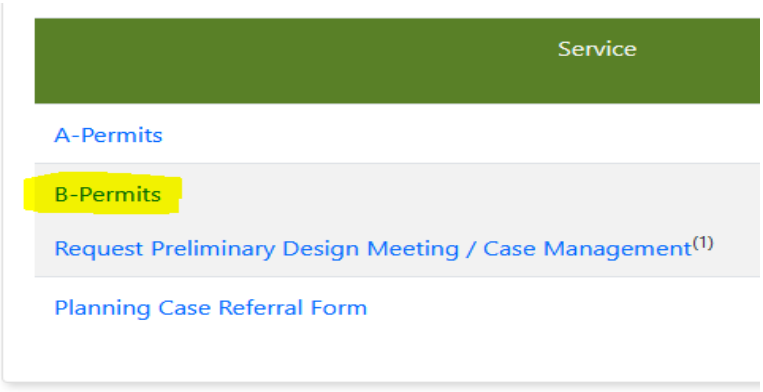
INSTRUCTIONS

1. Go to: engpermits.lacity.org/bpermits/

2. Click "Login & New Accounts":

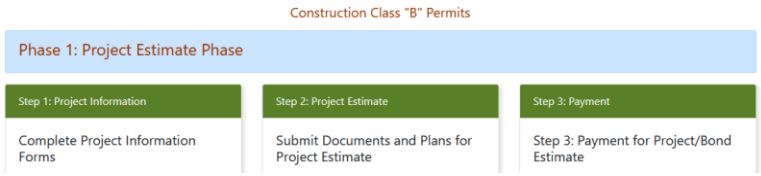


3. Click "B-Permits":



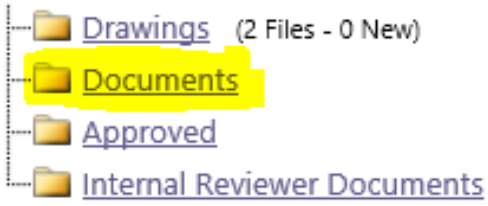
4. Click "+New Permit":

5. Complete Phase 1 (Steps 1-3):



6. During Phase 2 (Step 2), select the **Street Lighting Discipline** when uploading Street Lighting plans for review.

7. 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



8. 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

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.
	Rdwy	Area		IES Rec.	ENGR. Calc.	BSL Calc.	IES Rec.	ENGR. Calc.	BSL Calc.		IES Rec.	ENGR. Calc.	BSL Calc.	IES Rec.	ENGR. Calc.	BSL Calc.				

Roadway Class:

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

Pedestrian Activity:

High -commercial **M**edium -intermediate **L**ow -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 submitt 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. STREET LIGHTING PLANS (.pdf and .dwg)	
2. CIVIL PLANS or SITE/SURVEY (For Street Lighting Only projects.)	
3. ILLUMINATION CALCULATIONS (Including IES table, roadway and area classification, picture of proposed electrolier and luminaire type, and photometric curve.)	
4. FIELD PHOTOS (Showing the entire project frontage with photo key map.)	

CITY OF LOS ANGELES
BUREAU OF STREET LIGHTING

DESIGN GUIDE
(For Reference Only)

ITEMS	
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
BUREAU OF STREET LIGHTING

PLAN LAYOUT GUIDE
(For Reference Only)

ITEMS	
1.	Use the most recent BSL Plan Template: • Sample B-permit plan (pdf) • Sample B-permit plan (zipped AutoCAD template) *Source: https://lalights.lacity.org/business/permits_business_services.html*
2.	Use a plan layout with 1" = 40' scale.
3.	Show North arrow & Graphic Scale.
4.	Show street lighting station number to match with street improvement plan.
5.	Check or create all applicable Delta Notes.
6.	Show substructure line(s) and details
7.	Show right-of-way dimensions for roadway, parkway, and existing or proposed driveway(s).
8.	Show key/vicinity map on BSL front sheet
9.	Fill out DM.#, P.M.#, Council District #, # of Electrolier, & A.P.N. #.
10.	Verify Record Engineer's. LOGO & R.E. Seal, signature & date.