



## **ELECTRICAL PLAN REVIEW**

**Two (2) complete plan sets and an electronic copy of all plan sets will be required.  
Applicant will need the following information:**

### **SERVICE UPGRADES**

1. A complete riser diagram including:
  - All proposed feeder sizes (wires)
  - Equipment sizes (panels, disconnects, etc.),
  - Over current protection sizes (breakers, fuses, overloads, etc)
  - Conduit sizes
  - Whether the service will be fed from over head or underground
  - Specific grounding requirements
  - Information on any other services located on the property
2. Load calculations including all new and existing loads to be served from proposed service.
3. Location of proposed service (where on lot it will be installed)

### **TENANT IMPROVEMENTS**

1. A complete riser diagram including
  - All proposed feeder sizes (wires)
  - Equipment sizes (panels, disconnects, etc.)
  - Over current protection sizes (breakers, fuses, overloads, etc)
  - Conduit sizes
  - Whether the service will be fed from over head or underground,
  - Information on any other services located on the property
2. Locations and information (amperage, voltages, etc.) on all sub panels located within tenant space.
3. International Energy Conservation Code compliance calculations (if lighting is altered)
4. Load calculations including all new and existing loads to be served from proposed service and sub panels
5. If new loads exceed 75 amps, include service size and calculations to show that existing service has adequate capacity to supply added loads
6. Show locations of proposed lighting fixtures and a fixture schedule if more than one type of fixture will be used.
7. Show locations of proposed power outlets include annotations for special outlets (GFI, 220v, etc.)

Mayor  
John F. Cook

City Council

*District 1*  
Ann Morgan Lilly

*District 2*  
Susannah M. Byrd

*District 3*  
Emma Acosta

*District 4*  
Melina Castro

*District 5*  
Rachel Quintana

*District 6*  
Eddie Holguin Jr.

*District 7*  
Steve Ortega

*District 8*  
Beto O'Rourke

City Manager  
Joyce A. Wilson



**NEW BUILDINGS**

1. A complete riser diagram including:
  - All proposed feeder sizes (wires)
  - Equipment sizes and ratings (panels, disconnects, etc.)
  - Over current protection sizes (breakers, fuses, overloads, etc)
  - Conduit sizes
  - Whether the service will be fed from over head or underground
  - Specific grounding requirements
  - Information on any other services located on the property
2. Locations and information (amperage, voltage, etc.) on all sub panels located within new building(s)
3. International Energy Conservation Code compliance calculations
4. Load calculations including all new and existing loads to be served from proposed service and sub panels
5. Outdoor lighting ordinance calculations (include all fixtures on proposed site, new and existing)
6. Show locations of proposed lighting fixtures and a fixture schedule if more than one type of fixture will be used
7. Show locations of proposed power outlets include annotations for special outlets (GFI, 220v, etc.)
8. Locations and descriptions of any equipment being installed (air conditioners, water heaters, and any motor operated equipment)

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**Development Services Department**

Victor Q. Torres - Director