

Commercial Plan Submittal Requirements

ELECTRICAL PLANS:

Electrical plans with the following information must be provided as the information relates to the particular project:

Power plans must be provided for each floor.

Provide lighting plans (*on reflected ceiling plans*) for each floor. Exit lights and emergency lighting must be shown.

All life safety requirements, such as special power requirements, exit sign placement, emergency illumination and fire alarm system, must be indicated.

Indicate location of all panels.

Show all panel schedules.

Load calculation for all panels and all services, per NEC 220 and NEC 230, must be shown.

A single line riser diagram showing service and feeder wire sizes and conduit sizes in accordance with NEC 215-5, must be provided.

Indicate that the number of services is acceptable per NEC 230-2.

Show that the distance from point of entrance is acceptable per NEC 230-70a.

Indicate that all transformers are in compliance with NEC 450 and NEC 110-16.

All fire-rated walls (*both existing and new*) must be shown on each applicable floor plan with a corresponding wall legend.

All applicable UL/FM penetrating procedures used to maintain the integrity of the rate assemblies must be detailed for each type of penetration.