

Commercial Plan Submittal Requirements

STRUCTURAL PLANS:

Structural plans with the following information must be provided as the information relates to the particular project.

Provide complete footing and foundation plans

A footing schedule defining footing sizes and the required reinforcing must be provided.

The established footing depth below grade must be shown.

The thickness of the floor slab and size of reinforcing must be shown.

Provide location, size and amount of reinforcing steel.

Show foundation corner reinforcing bars and minimum overlapping (*as applicable to project structure*).

Provide strength of concrete according to design.

Beams, joists, girders, rafters and/or truss layouts and details of connections must be shown.

The sizes and species of all members and design strength must be provided.

All columns, girders, joists, purlins, beams and base plates must be provided. In wood construction, all headers must be shown on the structural plans.

A complete lintel schedule must be provided.

Indicate the type of anchoring for steel bearing directly on masonry.

The total of dead and live loads for floor areas, roofs, balconies, porches, breezeways, corridors, stairs, mezzanines and platforms must be shown. Also show concentrated loads, such as file rooms, machinery and forklift area, if greater than those shown on the Code Summary Sheet. Identify shear walls, bracing, strapping, fastening, reinforcement and any special anchoring required.

Indicate on roof framing plan where concentrated loads (*such as mechanical equipment, cranes, etc.*) may be placed.

Complete structural plans for canopies over entrances, exterior exit stairs and gas pumps, if applicable, should be included in the submittal.