



— EST. 2007 —
APPROVED CODE
SERVICES

V. Structural Plan Review - Required Information from PA L&I Form UCC2

- Sheet # _____ N/A a. Show foundation plans indicating the proposed slab elevations and type of foundation (i.e., mat foundation, caissons, spread footings, etc.).
- Sheet # _____ N/A b. Provide preliminary soil analysis data done by a licensed engineer, if required.
- Sheet # _____ N/A c. Indicate dimensions of foundations.
- Sheet # _____ N/A d. Show type, size and location of piling and pile caps for pile foundation.
- Sheet # _____ N/A e. Indicate grade beam sizes.
- Sheet # _____ N/A f. Indicate a footing schedule defining footing sizes and the required reinforcing.
- Sheet # _____ N/A g. Show the established footing depth below grade and method of frost protection allowed in section 1805.2.1 of the International Building Code.
- Sheet # _____ N/A h. Indicate the thickness of the floor slab, size of reinforcing, slab elevations, and type and details of foundations.
- Sheet # _____ N/A i. Indicate location, size and amount of reinforcing steel.
- Sheet # _____ N/A j. Show foundation corner reinforcing bars and minimum overlapping (as applicable to project structure).
- Sheet # _____ N/A k. Provide strength of concrete according to designed soil reports. Required by International Building Code.
- Sheet # _____ N/A l. Show beams, joists, girders, rafters, and/or truss layouts and details of connections, structural steel stud gage, gage size, and connections.
- Sheet # _____ N/A m. Indicate the sizes and species of all wood members and their respective design strength.
- Sheet # _____ N/A n. Show all columns, girders, joists, purlins, beams and base plates; for wood construction show all headers.
- Sheet # _____ N/A o. Provide a complete lintel schedule.
- Sheet # _____ N/A p. Indicate the type of anchoring for steel bearing directly on masonry.
- Sheet # _____ N/A q. Indicate design dead and live, wind, snow, seismic loads for floor areas, roofs, balconies, porches, breezeways, corridors, stairs, mezzanines and platforms. Show concentrated loads, i.e. file rooms, machinery and forklift areas, if greater than those shown on the Code Summary Sheet: Identify shear walls, bracing, strapping fastening, reinforcement and any special anchoring required.
- Sheet # _____ N/A r. Where applicable, indicate on roof framing plan where concentrated loads (mechanical equipment, cranes, etc.) will be placed.
- Sheet # _____ N/A s. Indicate on foundation and framing plans the location and lateral load resisting system. (Show walls, braced frames, moment connections, etc.)