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Structural drawings are executed by structural draftsmen. Structural draftsmen typically work under the structural engineer responsible for the structural design. Skilled structural draftsmen convert the engineer's sketches into CAD drawings, and also check that the designs conform to the relevant statutes and building codes.

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2.2 Load Combinations for Structural Design Structures are designed to satisfy both strength and serviceability requirements. The strength requirement ensures the safety of life and property, while the serviceability requirement guarantees the comfortability of occupancy (people) and the aesthetics of the structure.