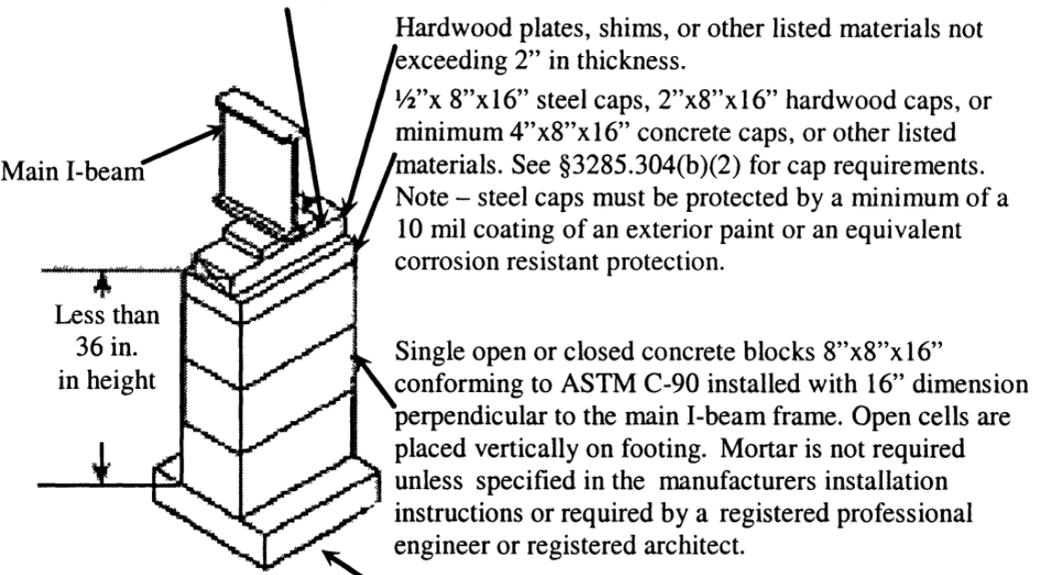


Figure A to § 3285.306 Typical Footing and Pier Design, Single Concrete Block.

Shims, when required, are to be used in pairs, installed in opposite directions and be fitted and driven tight between main I-beam frame and shims or caps below.



Hardwood plates, shims, or other listed materials not exceeding 2" in thickness.
1/2" x 8" x 16" steel caps, 2" x 8" x 16" hardwood caps, or minimum 4" x 8" x 16" concrete caps, or other listed materials. See §3285.304(b)(2) for cap requirements. Note – steel caps must be protected by a minimum of a 10 mil coating of an exterior paint or an equivalent corrosion resistant protection.

Single open or closed concrete blocks 8" x 8" x 16" conforming to ASTM C-90 installed with 16" dimension perpendicular to the main I-beam frame. Open cells are placed vertically on footing. Mortar is not required unless specified in the manufacturers installation instructions or required by a registered professional engineer or registered architect.

In freezing climates, the footing must extend below the frost line or be otherwise protected from the effects of frost heave as permitted here-in

Typical footing. Solid concrete or other product approved for the purpose. Footing is placed on firm undisturbed soil or on controlled fill, free of grass and organic matter.