See note in cap description

Main I-beam frame

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

Hardboard plates, shims, or other listed materials not exceeding 2” in thickness.

Single concrete or hardwood cap(s), or other listed materials, minimum 4”x8”x16”. Note: When split caps are used and the joint runs perpendicular to the main I-beams, shims and blocks, when required, must be installed over each individual cap per circled detail.

Double stacked concrete blocks, solid or celled, conforming to ASTM C-90. Each layer is interlocked with layer below as shown. Mortar is not required unless specified in the manufacturers installation instructions or required by a professional engineer or registered architect.

36 in. to max. 67 in. in height

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

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.