

Service Load Design Equations for Unreinforced Masonry Construction

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Abstract:

The service load design equations for the design of masonry construction presented in the current ACI/ASCE Building Code Requirements for Masonry Structures are reviewed in detail. The origin and basis of the basic design equations is presented with particular emphasis on the stability equation. The magnitude of error introduced by ignoring moment magnification in the interaction equation is discussed in detail. The applicability of the current code stability equation to non-solid or hollow sections is also reviewed.

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