

Masonry P-M Diagrams Made Easy

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Abstract:

An integrated set of equations for determining the interaction diagram for masonry walls is presented. The equations use the nondimensional parameter of M/Pd to obtain the maximum usable axial load. The method applies linear-elastic working stress design assumptions. Sections may be limited by either compression allowables in the masonry or tension allowables in the reinforcement. Two example calculations are presented.

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