Masonry Wall 7.0 - MASONRY WALL ANALYSIS AND DESIGN

Job ID :
Job Description : Designed By :

MASONRY WALL DATA:

Wall Height	=	18.00 ft.
Nominal Wall Thickness	=	8.00 in.
Depth to c.g. Steel, Wall	=	3.81 in.
Design Strip Width	=	12.00 in.

DESIGN LOADS:

Moment,	Ms	= -536 ft-lb / 12 in.
Axial Load,	Ps	= 1300 Lb / 12 in.
Load Combination		= 1*DL+0.6*WL
Rebar Design		= #3 @16 in. o.c.
Furnished Area of Steel		= 0.082 in^2 / 12 in.
Minimum Area of Steel		= 0.064 in^2 / 12 in.

Axial Load - Moment Interaction Diagram