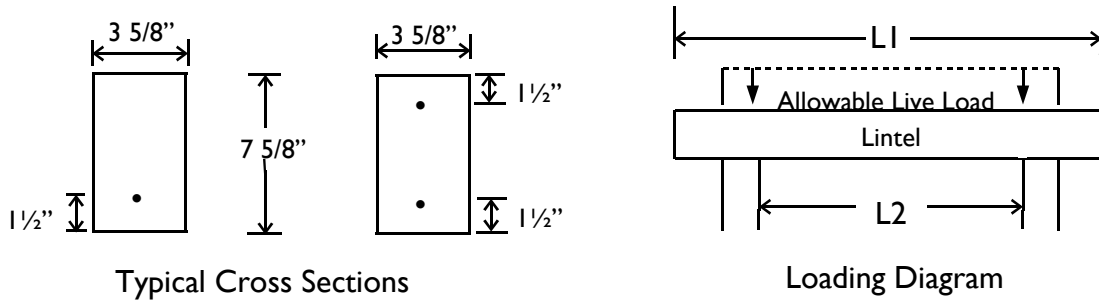


Freestate Lintels

P.O. Box 478, Hagerstown, MD 21741
301-739-6080



4" x 8" Cross Section Lintels

Nominal Lintel Length (L1)	Clear Span (L2)	Reinforcement		Calculated Maximum Allowable Superimposed, Uniformly Distributed Live Load in Pounds Per Lineal Foot*
		Top Bar	Bottom Bar	
36"	1' - 8"	None	One #3	1410
40"	2' - 0"	None	One #3	1258
44"	2' - 4"	None	One #3	1100
48"	2' - 8"	None	One #4	1422
52"	3' - 0"	One #3	One #3	1090
56"	3' - 4"	One #3	One #3	850
60"	3' - 8"	One #3	One #3	720
64"	4' - 0"	One #3	One #3	625
68"	4' - 4"	One #3	One #3	525
72"	4' - 8"	One #3	One #3	445
76"	5' - 0"	One #3	One #3	385
80"	5' - 4"	One #3	One #3	330
84"	5' - 8"	One #3	One #3	285
88"	6' - 0"	One #3	One #3	250
92"	6' - 4"	One #3	One #4	335
96"	6' - 8"	One #3	One #4	300
100"	7' - 0"	One #3	One #5	275
104"	7' - 4"	One #3	One #5	245
108"	7' - 8"	One #3	One #5	205
112"	8' - 0"	One #3	One #5	195
116"	8' - 4"	One #3	One #5	170
120"	8' - 8"	One #3	One #5	155
124"	9' - 0"	One #3	One #5	140
128"	9' - 4"	One #3	One #5	125
132"	9' - 8"	One #3	One #5	115
136"	10' - 0"	One #3	One #5	100
140"	10' - 4"	One #3	One #5	90
144"	10' - 8"	One #3	One #5	80

* The calculated sum of immediate live load deflection is less than L/600.

Design Criteria: ACI-318
Reinforcement Standard: ASTM-A615 Grade 60
Minimum Lintel Compressive Strength: 3,000 psi at 28 days
Lintel Design Dead Load: 29 Pounds per Lineal Foot