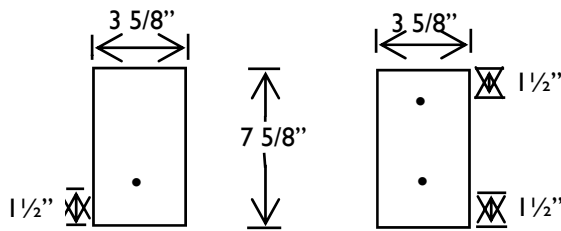
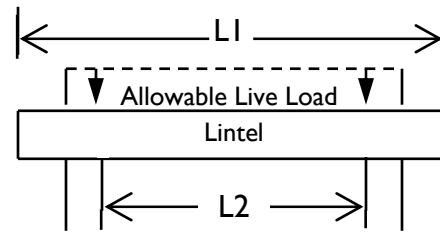


## Lintels



Typical Cross Sections



Loading Diagram

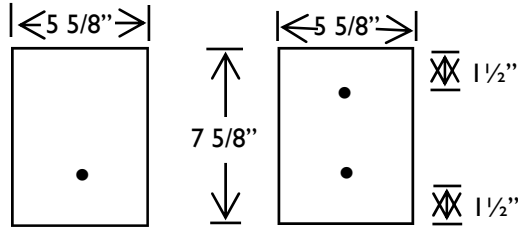
### 4" x 8" Cross Section Lintels

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

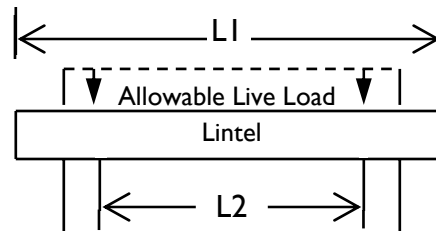
\* The calculated sum of immediate live load deflection is less than L/600.

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

## Lintels



Typical Cross Sections



Loading Diagram

### 6" 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	1400
40"	2' - 0"	None	One #3	1260
44"	2' - 4"	None	One #3	1100
48"	2' - 8"	None	One #4	1650
52"	3' - 0"	One #3	One #4	1530
56"	3' - 4"	One #3	One #4	1410
60"	3' - 8"	One #3	One #4	1200
64"	4' - 0"	One #3	One #4	985
68"	4' - 4"	One #3	One #4	810
72"	4' - 8"	One #3	One #4	700
76"	5' - 0"	One #3	One #4	620
80"	5' - 4"	One #3	One #4	515
84"	5' - 8"	One #3	One #4	440
88"	6' - 0"	One #3	One #4	390
92"	6' - 4"	One #3	One #4	235
96"	6' - 8"	One #3	One #4	200
100"	7' - 0"	One #3	One #5	185
104"	7' - 4"	One #3	One #5	165
108"	7' - 8"	One #3	One #5	150
112"	8' - 0"	One #3	One #5	130
116"	8' - 4"	One #3	One #5	120
120"	8' - 8"	One #3	One #5	105
124"	9' - 0"	One #3	One #5	95
128"	9' - 4"	One #3	One #5	85
132"	9' - 8"	One #3	One #5	75
136"	10' - 0"	One #3	One #5	65
140"	10' - 4"	One #3	One #5	60
144"	10' - 8"	One #3	One #5	55

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

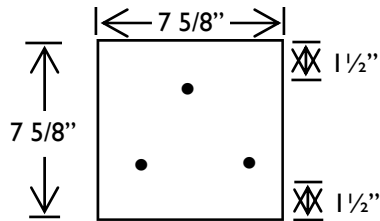
Design Criteria: ACI-318

Reinforcement Standard: ASTM-A615 Grade 60

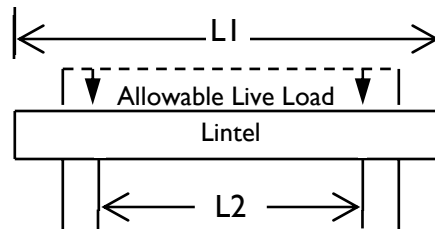
Minimum Lintel Compressive Strength: 3,000 psi at 28 days

Lintel Design Dead Load: 29 Pounds per Lineal Foot

## Lintels



Typical Cross Section



Loading Diagram

### 8" 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 Bars	
36"	1' - 8"	One #3	Two #3	3400
40"	2' - 0"	One #3	Two #3	3100
44"	2' - 4"	One #3	Two #3	2830
48"	2' - 8"	One #3	Two #3	2550
52"	3' - 0"	One #3	Two #3	2260
56"	3' - 4"	One #3	Two #3	1930
60"	3' - 8"	One #3	Two #3	1600
64"	4' - 0"	One #3	Two #3	1310
68"	4' - 4"	One #3	Two #3	1065
72"	4' - 8"	One #3	Two #3	930
76"	5' - 0"	One #3	Two #3	800
80"	5' - 4"	One #3	Two #3	690
84"	5' - 8"	One #3	Two #3	600
88"	6' - 0"	One #3	Two #3	520
92"	6' - 4"	One #3	Two #4	480
96"	6' - 8"	One #3	Two #4	425
100"	7' - 0"	One #3	Two #5	385
104"	7' - 4"	One #3	Two #5	345
108"	7' - 8"	One #3	Two #5	305
112"	8' - 0"	One #3	Two #5	275
116"	8' - 4"	One #3	Two #5	240
120"	8' - 8"	One #3	Two #5	215
124"	9' - 0"	One #3	Two #5	190
128"	9' - 4"	One #3	Two #5	175
132"	9' - 8"	One #3	Two #5	155
136"	10' - 0"	One #3	Two #5	140
140"	10' - 4"	One #3	Two #5	125
144"	10' - 8"	One #3	Two #5	115

\* 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