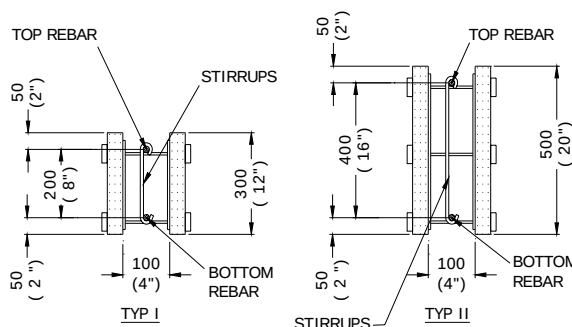


Table B-5.1. Lintel Reinforcement Required

Concrete Strength = 20MPa (3,000 psi)
 Steel Strength = 400MPa (60,000 psi)

Reinforcement indicate in cell is placed
 on Top and Bottom of the Lintel

Stirrups Diameter = 10M (# 4)
 Диаметр арматуры 10M = Ø11.3мм; 15M = Ø16мм
 20M = Ø19.5мм.



ACCEPTABLE LINTELS CLEAR SPACING AND USABLE DISTRIBUTED LOADS										
CONCRETE CORE THICKNESS 100mm (4”)										
UNIFORM FACTORED LOAD: kN / m (Lbs / ft)	(TYP I) LINTEL HEIGHT 300mm (12”)				(TYP II) LINTEL HEIGHT 500mm (20”)					
	STIRRUP SPACING= 125mm (5”)				STIRRUP SPACING= 225mm (9”)					
	LINTEL SPAN, mm (ft)									
	1200	1500	1800	2400	3000	3600	4200	4800	5400	6000
	(4’)	(5’)	(6’)	(8’)	(10’)	(12’)	(14’)	(16’)	(18’)	(20’)
10 (700)	10M # 4	10M # 4	10M # 4	10M # 4	10M # 4	15M # 5	15M # 5	15M # 5	20M # 6	2x15M 2# 5
15 (1000)	10M # 4	10M # 4	10M # 4	15M # 5	15M # 5	15M # 5	20M # 6	20M # 6	2x15M 2# 5	2x20M 2# 6
20 (1400)	10M # 4	10M # 4	10M # 4	15M # 5	15M # 5	20M # 6	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6	
25 (7000)	10M # 4	10M # 4	15M # 5	20M # 6	15M # 5	20M # 6	2x15M 2# 5	2x20M 2# 6		
30 (2000)	10M # 4	15M # 5	15M # 5	20M # 6	20M # 6	2x15M 2# 5				
35 (2400)	10M # 4	15M # 5	15M # 5		20M # 6	2x20M 2# 6				
40 (2700)	10M # 4	15M # 5	20M # 6		2x15M 2# 5	2x20M 2# 6				
45 (3100)	10M # 4	15M # 5	20M # 6		2x15M 2# 5	2x20M 2# 6				
50 (3500)	15M # 5	15M # 5	20M # 6		2x20M 2# 6					

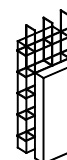
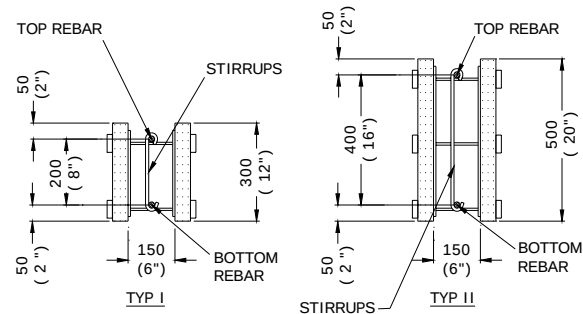


Table B-5.2. Lintel Reinforcement Required

Concrete Strength = 20MPa (3,000 psi)
 Steel Strength = 400MPa (60,000 psi)

Reinforcement indicate in cell is placed
 on Top and Bottom of the Lintel

Stirrups Diameter = 10M (# 4)



ACCEPTABLE LINTELS CLEAR SPACING AND USABLE DISTRIBUTED LOADS										
CONCRETE CORE THICKNESS 150mm (6”)										
UNIFORM FACTORED LOAD: kN / m (Lbs / ft)	(TYP I) LINTEL HEIGHT 300mm (12”)				(TYP II) LINTEL HEIGHT 500mm (20”)					
	STIRRUP SPACING= 125mm (5”)				STIRRUP SPACING= 225mm (9”)					
	LINTEL SPAN, mm (ft)									
	1200	1500	1800	2400	3000	3600	4200	4800	5400	6000
	(4’)	(5’)	(6’)	(8’)	(10’)	(12’)	(14’)	(16’)	(18’)	(20’)
10 (700)	10M # 4	10M # 4	10M # 4	10M # 4	10M # 4	15M # 5	15M # 5	15M # 5	20M # 6	20M # 6
15 (1000)	10M # 4	10M # 4	10M # 4	15M # 5	15M # 5	15M # 5	20M # 6	20M # 6	2x15M 2# 5	2x20M 2# 6
20 (1400)	10M # 4	10M # 4	10M # 4	15M # 5	15M # 5	20M # 6	20M # 6	2x15M 2# 5	2x20M 2# 6	
25 (7000)	10M # 4	10M # 4	15M # 5	20M # 6	15M # 5	20M # 6	2x15M 2# 5	2x20M 2# 6		
30 (2000)	10M # 4	15M # 5	15M # 5	20M # 6	20M # 6	2x15M 2# 5	2x20M 2# 6			
35 (2400)	10M # 4	15M # 5	15M # 5	2x15M 2# 5	20M # 6	2x15M 2# 5	2x20M 2# 6			
40 (2700)	10M # 4	15M # 5	20M # 6	2x20M 2# 6	20M # 6	2x20M 2# 6				
45 (3100)	10M # 4	15M # 5	20M # 6	2x20M 2# 6	2x15M 2# 5	2x20M 2# 6				
50 (3500)	15M # 5	15M # 5	20M # 6	2x20M 2# 6	2x15M 2# 5	2x20M 2# 6				

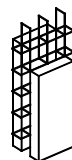
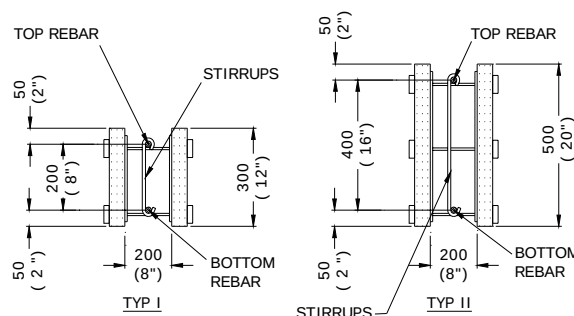


Table B-5.3. Lintel Reinforcement Required

Concrete Strength = 20MPa (3,000 psi)
 Steel Strength = 400MPa (60,000 psi)

Reinforcement indicate in cell is placed
 on Top and Bottom of the Lintel

Stirrups Diameter = 10M (# 4)



ACCEPTABLE LINTELS CLEAR SPACING AND USABLE DISTRIBUTED LOADS										
CONCRETE CORE THICKNESS 200mm (8”)										
UNIFORM FACTORED LOAD: kN / m (Lbs / ft)	(TYP I) LINTEL HEIGHT 300mm (12”)					(TYP II) LINTEL HEIGHT 500mm (20”)				
	STIRRUP SPACING= 125mm (5”)					STIRRUP SPACING= 225mm (9”)				
	LINTEL SPAN, mm (ft)									
	1200	1500	1800	2400	3000	3600	4200	4800	5400	6000
	(4’)	(5’)	(6’)	(8’)	(10’)	(12’)	(14’)	(16’)	(18’)	(20’)
10 (700)	10M # 4	10M # 4	10M # 4	10M # 4	15M # 5	15M # 5	15M # 5	15M # 5	20M # 6	20M # 6
15 (1000)	10M # 4	10M # 4	10M # 4	15M # 5	20M # 6	15M # 5	20M # 6	20M # 6	2x15M 2# 5	2x20M 2# 6
20 (1400)	10M # 4	10M # 4	10M # 4	15M # 5	20M # 6	20M # 6	20M # 6	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6
25 (7000)	10M # 4	10M # 4	15M # 5	20M # 6	2x15M 2# 5	20M # 6	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6	3x20M 3# 6
30 (2000)	10M # 4	15M # 5	15M # 5	20M # 6	2x20M 2# 6	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6	3x20M 3# 6	
35 (2400)	10M # 4	15M # 5	15M # 5	2x15M 2# 5	2x20M 2# 6	2x15M 2# 5	2x20M 2# 6	3x20M 3# 6		
40 (2700)	10M # 4	15M # 5	15M # 5	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6	2x20M 2# 6	3x20M 3# 6		
45 (3100)	10M # 4	15M # 5	20M # 6	2x20M 2# 6		2x20M 2# 6				
50 (3500)	15M # 5	15M # 5	20M # 6	2x20M 2# 6		3x20M 3# 6				

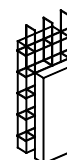
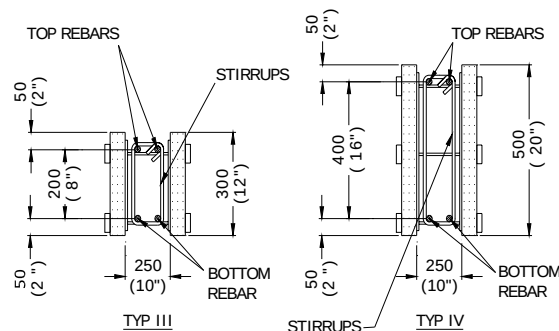


Table B-5.4. Lintel Reinforcement Required

Concrete Strength = 20MPa (3,000 psi)
 Steel Strength = 400MPa (60,000 psi)

Reinforcement indicate in cell is placed
 on Top and Bottom of the Lintel

Stirrups Diameter = D8 (# 3) [for TYPE III-IV]
 Stirrups Diameter = 10M (# 4) [for TYPE I]



ACCEPTABLE LINTELS CLEAR SPACING AND USABLE DISTRIBUTED LOADS										
CONCRETE CORE THICKNESS 250mm (10”)										
UNIFORM FACTORED LOAD: kN / m (Lbs / ft)	(TYPE I) LINTEL			(TYPE III) LINTEL		(TYPE IV) LINTEL HEIGHT 500mm (20")				
	HEIGHT 300mm (12")									
	STIRRUP SPACING= 125mm (5”)					STIRRUP SPACING= 225mm (9”)				
	LINTEL SPAN, mm (ft)									
	1200	1500	1800	2400	3000	3600	4200	4800	5400	6000
	(4')	(5')	(6')	(8')	(10')	(12')	(14')	(16')	(18')	(20')
10 (700)	10M # 4	10M # 4	10M # 4	2x10M 2# 4	2x10M 2# 4	2x10M 2# 4	2x10M 2# 4	2x10M 2# 4	2x15M 2# 5	2x15M 2# 5
15 (1000)	10M # 4	10M # 4	10M # 4	2x10M 2# 4	2x15M 2# 5	2x10M 2# 4	2x15M 2# 5	2x15M 2# 5	2x15M 2# 5	2x20M 2# 6
20 (1400)	10M # 4	10M # 4	10M # 4	2x10M 2# 4	2x15M 2# 5	2x15M 2# 5	2x15M 2# 5	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6
25 (7000)	10M # 4	10M # 4	15M # 5	2x15M 2# 5	2x15M 2# 5	2x15M 2# 5	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6	3x20M 3# 6
30 (2000)	10M # 4	10M # 4	15M # 5	2x15M 2# 5	2x20M 2# 6	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6	3x20M 2# 6	2x25M 2# 8
35 (2400)	10M # 4	15M # 5	15M # 5	2x15M 2# 5	2x20M 2# 6	2x15M 2# 5	2x20M 2# 6	2x20M 2# 6	3x20M 3# 6	3x25M 3# 8
40 (2700)	10M # 4	15M # 5	15M # 5	2x15M 2# 5	3x20M 3# 6	2x20M 2# 6	2x20M 2# 6	3x20M 2# 6	2x25M 2# 8	3x25M 3# 8
45 (3100)	10M # 4	15M # 5	20M # 6	2x20M 2# 6	3x20M 3# 6	2x20M 2# 6	3x20M 3# 6	2x25M 2# 8	3x25M 3# 8	
50 (3500)	15M # 5	15M # 5	20M # 6	2x20M 2# 6	3x20M 3# 6	2x20M 2# 6	3x20M 3# 6	2x25M 2# 8	3x25M 3# 8	

