

# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

Piso 2  
Número Pisos Iguais: 1

Malha 1: Laje maciça

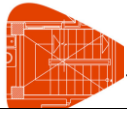
Vigas longitudinais

Armadura Base Inferior: Não se coloca

Armadura Base Superior: Não se coloca

Altura: 12

Viga 48: (y= 9.25) Inferior	(x= 26.20)-(x= 36.32)	1Ø8c/16
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø8c/9
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 49: (y= 9.50) Inferior	(x= 26.20)-(x= 36.32)	1Ø8c/16
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø8c/9
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 50: (y= 9.75) Inferior	(x= 26.20)-(x= 36.32)	1Ø8c/16
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø8c/9
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 51: (y= 10.00) Inferior	(x= 26.20)-(x= 36.32)	1Ø8c/16
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø8c/9
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 52: (y= 10.25) Inferior	(x= 26.20)-(x= 36.32)	1Ø8c/16
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø8c/9
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 53: (y= 10.50) Inferior	(x= 26.20)-(x= 36.32)	1Ø8c/16
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5

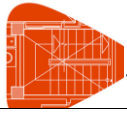


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	6+	(x= 30.00)-(x= 32.30)	+6	1Ø8c/9
	6+	(x= 35.48)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 54: (y= 10.75) Inferior		(x= 26.20)-(x= 36.32)		1Ø8c/16
Superior	6+	(x= 26.16)-(x= 27.00)	+6	1Ø6.3c/17.5
	6+	(x= 30.00)-(x= 32.30)	+6	1Ø8c/9
	6+	(x= 35.48)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 55: (y= 11.00) Inferior		(x= 26.20)-(x= 36.32)		1Ø8c/16
Superior	6+	(x= 26.16)-(x= 27.00)	+6	1Ø6.3c/17.5
	6+	(x= 30.00)-(x= 32.30)	+6	1Ø8c/9
	6+	(x= 35.48)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 56: (y= 11.25) Inferior		(x= 26.20)-(x= 36.32)		1Ø8c/16
Superior	6+	(x= 26.16)-(x= 27.00)	+6	1Ø6.3c/17.5
	6+	(x= 30.00)-(x= 32.30)	+6	1Ø8c/9
	6+	(x= 35.48)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 57: (y= 11.50) Inferior		(x= 26.20)-(x= 36.32)		1Ø8c/16
Superior	6+	(x= 26.16)-(x= 27.00)	+6	1Ø6.3c/17.5
	6+	(x= 30.00)-(x= 32.30)	+6	1Ø8c/9
	6+	(x= 35.48)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 58: (y= 11.75) Inferior		(x= 26.20)-(x= 36.32)		1Ø8c/16
Superior	6+	(x= 26.16)-(x= 27.00)	+6	1Ø6.3c/17.5
	6+	(x= 30.00)-(x= 32.30)	+6	1Ø8c/9
	6+	(x= 35.48)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 59: (y= 12.00) Inferior		(x= 26.20)-(x= 36.32)		1Ø8c/16
Superior	6+	(x= 26.16)-(x= 27.00)	+6	1Ø6.3c/17.5
	6+	(x= 30.00)-(x= 32.30)	+6	1Ø8c/9
	6+	(x= 35.48)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 60: (y= 12.25) Inferior		(x= 26.20)-(x= 36.32)		1Ø8c/16
Superior	6+	(x= 26.16)-(x= 27.00)	+6	1Ø6.3c/17.5
	6+	(x= 30.00)-(x= 32.30)	+6	1Ø8c/9
	6+	(x= 35.48)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 61: (y= 12.50) Inferior		(x= 26.20)-(x= 36.32)		1Ø8c/16

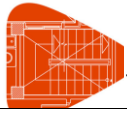


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Data: 13/06/16

	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.30) +6	1Ø8c/9
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 62: (y= 12.75)	Inferior	(x= 26.20)-(x= 36.32)	1Ø8c/16
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.30) +6	1Ø8c/9
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 64: (y= 13.25)	Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 65: (y= 13.50)	Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 66: (y= 13.75)	Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 67: (y= 14.00)	Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 68: (y= 14.25)	Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5

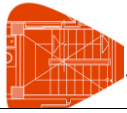


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	6+	(x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 69: (y= 14.50) Inferior		(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+	(x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+	(x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+	(x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 70: (y= 14.75) Inferior		(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+	(x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+	(x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+	(x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 71: (y= 15.00) Inferior		(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+	(x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+	(x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+	(x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 72: (y= 15.25) Inferior		(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+	(x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+	(x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+	(x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 73: (y= 15.50) Inferior		(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+	(x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+	(x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+	(x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 74: (y= 15.75) Inferior		(x= 26.16)-(x= 29.19)	1Ø6.3c/13
		(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+	(x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+	(x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+	(x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5

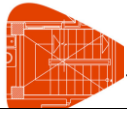


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Data: 13/06/16

Viga 75: (y= 16.00) Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
	(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 76: (y= 16.25) Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
	(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 77: (y= 16.50) Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
	(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 78: (y= 16.75) Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
	(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 79: (y= 17.00) Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
	(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 80: (y= 17.25) Inferior	(x= 26.16)-(x= 29.19)	1Ø6.3c/13
	(x= 34.78)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 28.45)-(x= 29.19) +6	1Ø6.3c/17.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 81: (y= 17.50) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12

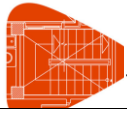


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Data: 13/06/16

	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 27.94)-(x= 36.32) +6	1Ø8c/12.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 82: (y= 17.75)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 27.94)-(x= 36.32) +6	1Ø8c/12.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 84: (y= 18.25)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 85: (y= 18.50)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 86: (y= 18.75)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 87: (y= 19.00)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 88: (y= 19.25)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 89: (y= 19.50)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
	Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
		6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5

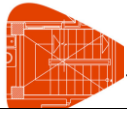


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Viga 90: (y= 19.75) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 91: (y= 20.00) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 92: (y= 20.25) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 93: (y= 20.50) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 94: (y= 20.75) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 95: (y= 21.00) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 96: (y= 21.25) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 97: (y= 21.50) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5



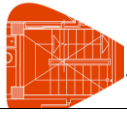
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	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 99: (y= 22.00) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 100: (y= 22.25) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 101: (y= 22.50) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 102: (y= 22.75) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 103: (y= 23.00) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 104: (y= 23.25) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 105: (y= 23.50) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 106: (y= 23.75) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5





# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

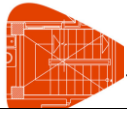
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 107: (y= 24.00) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 108: (y= 24.25) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 109: (y= 24.50) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 110: (y= 24.75) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 111: (y= 25.00) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 112: (y= 25.25) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/12
Superior	6+ (x= 26.16)-(x= 27.00) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.30) +6	1Ø10c/12.5
	6+ (x= 35.48)-(x= 36.32) +6	1Ø6.3c/17.5

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Vigas transversais

Armadura Base Inferior: Não se coloca

Armadura Base Superior: Não se coloca

Altura: 12

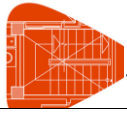


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

Viga 3: (x= 26.54) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior 6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
	6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 4: (x= 26.79) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior 6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
	6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 5: (x= 27.04) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior 6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
	6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 6: (x= 27.29) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior 6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
	6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 7: (x= 27.54) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17

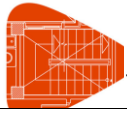


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
		6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 8: (x= 27.79)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 12.98)-(y= 17.88)	1Ø6.3c/14
		(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
		6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 9: (x= 28.04)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 12.98)-(y= 17.88)	1Ø6.3c/14
		(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
		6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 10: (x= 28.29)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 12.98)-(y= 17.88)	1Ø6.3c/14
		(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
		6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 11: (x= 28.54)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 12.98)-(y= 17.88)	1Ø6.3c/14
		(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
		6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9

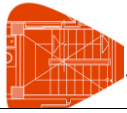


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 12: (x= 28.79) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
	6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 13: (x= 29.04) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.85) +6	1Ø8c/10
	6+ (y= 16.70)-(y= 18.80) +6	1Ø8c/9
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 14: (x= 29.29) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.01) +6	1Ø8c/16
	6+ (y= 17.45)-(y= 18.70) +6	1Ø10c/12.5
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 15: (x= 29.54) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.01) +6	1Ø8c/16
	6+ (y= 17.45)-(y= 18.70) +6	1Ø10c/12.5
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 16: (x= 29.79) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.01) +6	1Ø8c/16
	6+ (y= 17.45)-(y= 18.70) +6	1Ø10c/12.5

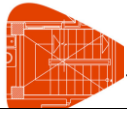


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 17: (x= 30.04) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.01) +6	1Ø8c/16
	6+ (y= 17.45)-(y= 18.70) +6	1Ø10c/12.5
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 18: (x= 30.29) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.01) +6	1Ø8c/16
	6+ (y= 17.45)-(y= 18.70) +6	1Ø10c/12.5
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 19: (x= 30.54) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.01) +6	1Ø8c/16
	6+ (y= 17.45)-(y= 18.70) +6	1Ø10c/12.5
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 20: (x= 30.79) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.01) +6	1Ø8c/16
	6+ (y= 17.45)-(y= 18.70) +6	1Ø10c/12.5
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 21: (x= 31.04) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.90)-(y= 13.01) +6	1Ø8c/16
	6+ (y= 17.45)-(y= 18.70) +6	1Ø10c/12.5
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5

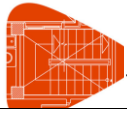


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

Viga 23: (x= 31.54) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.85)-(y= 13.01) +6	1Ø8c/17
	6+ (y= 17.45)-(y= 19.05) +6	1Ø8c/10
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 24: (x= 31.79) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.85)-(y= 13.01) +6	1Ø8c/17
	6+ (y= 17.45)-(y= 19.05) +6	1Ø8c/10
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 25: (x= 32.04) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.85)-(y= 13.01) +6	1Ø8c/17
	6+ (y= 17.45)-(y= 19.05) +6	1Ø8c/10
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 26: (x= 32.29) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.85)-(y= 13.01) +6	1Ø8c/17
	6+ (y= 17.45)-(y= 19.05) +6	1Ø8c/10
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 27: (x= 32.54) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.85)-(y= 13.01) +6	1Ø8c/17
	6+ (y= 17.45)-(y= 19.05) +6	1Ø8c/10
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 28: (x= 32.79) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14

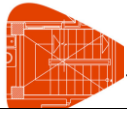


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

		$(y = 17.90)-(y = 25.51)$	1Ø6.3c/17
Superior	6+	$(y = 8.86)-(y = 9.78) +6$	1Ø6.3c/17.5
	6+	$(y = 11.85)-(y = 13.01) +6$	1Ø8c/17
	6+	$(y = 17.45)-(y = 19.05) +6$	1Ø8c/10
	6+	$(y = 20.40)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 29: (x= 33.04) Inferior		$(y = 8.86)-(y = 12.88)$	1Ø6.3c/14
		$(y = 17.90)-(y = 25.51)$	1Ø6.3c/17
Superior	6+	$(y = 8.86)-(y = 9.78) +6$	1Ø6.3c/17.5
	6+	$(y = 11.85)-(y = 13.01) +6$	1Ø8c/17
	6+	$(y = 17.45)-(y = 19.05) +6$	1Ø8c/10
	6+	$(y = 20.40)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 30: (x= 33.29) Inferior		$(y = 8.86)-(y = 12.88)$	1Ø6.3c/14
		$(y = 17.90)-(y = 25.51)$	1Ø6.3c/17
Superior	6+	$(y = 8.86)-(y = 9.78) +6$	1Ø6.3c/17.5
	6+	$(y = 11.85)-(y = 13.01) +6$	1Ø8c/17
	6+	$(y = 17.45)-(y = 19.05) +6$	1Ø8c/10
	6+	$(y = 20.40)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 31: (x= 33.54) Inferior		$(y = 8.86)-(y = 12.88)$	1Ø6.3c/14
		$(y = 17.90)-(y = 25.51)$	1Ø6.3c/17
Superior	6+	$(y = 8.86)-(y = 9.78) +6$	1Ø6.3c/17.5
	6+	$(y = 11.85)-(y = 13.01) +6$	1Ø8c/17
	6+	$(y = 17.45)-(y = 19.05) +6$	1Ø8c/10
	6+	$(y = 20.40)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 32: (x= 33.79) Inferior		$(y = 8.86)-(y = 12.88)$	1Ø6.3c/14
		$(y = 17.90)-(y = 25.51)$	1Ø6.3c/17
Superior	6+	$(y = 8.86)-(y = 9.78) +6$	1Ø6.3c/17.5
	6+	$(y = 11.85)-(y = 13.01) +6$	1Ø8c/17
	6+	$(y = 17.45)-(y = 19.05) +6$	1Ø8c/10
	6+	$(y = 20.40)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 33: (x= 34.04) Inferior		$(y = 8.86)-(y = 12.88)$	1Ø6.3c/14
		$(y = 17.90)-(y = 25.51)$	1Ø6.3c/17



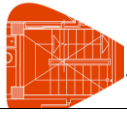
# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.85)-(y= 13.01) +6	1Ø8c/17
		6+ (y= 17.45)-(y= 19.05) +6	1Ø8c/10
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 34: (x= 34.29)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.85)-(y= 13.01) +6	1Ø8c/17
		6+ (y= 17.45)-(y= 19.05) +6	1Ø8c/10
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 35: (x= 34.54)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.85)-(y= 13.01) +6	1Ø8c/17
		6+ (y= 17.45)-(y= 19.05) +6	1Ø8c/10
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 36: (x= 34.79)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.95)-(y= 13.85) +6	1Ø10c/11
		6+ (y= 16.70)-(y= 19.10) +6	1Ø10c/11
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 37: (x= 35.04)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 12.98)-(y= 17.94)	1Ø6.3c/14
		(y= 17.90)-(y= 25.51)	1Ø6.3c/17
	Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
		6+ (y= 11.95)-(y= 13.85) +6	1Ø10c/11
		6+ (y= 16.70)-(y= 19.10) +6	1Ø10c/11
		6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 38: (x= 35.29)	Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
		(y= 12.98)-(y= 17.94)	1Ø6.3c/14



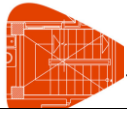


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.95)-(y= 13.85) +6	1Ø10c/11
	6+ (y= 16.70)-(y= 19.10) +6	1Ø10c/11
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 39: (x= 35.54) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.94)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.95)-(y= 13.85) +6	1Ø10c/11
	6+ (y= 16.70)-(y= 19.10) +6	1Ø10c/11
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 40: (x= 35.79) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.94)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.95)-(y= 13.85) +6	1Ø10c/11
	6+ (y= 16.70)-(y= 19.10) +6	1Ø10c/11
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 41: (x= 36.04) Inferior	(y= 8.86)-(y= 12.88)	1Ø6.3c/14
	(y= 12.98)-(y= 17.94)	1Ø6.3c/14
	(y= 17.90)-(y= 25.51)	1Ø6.3c/17
Superior	6+ (y= 8.86)-(y= 9.78) +6	1Ø6.3c/17.5
	6+ (y= 11.95)-(y= 13.85) +6	1Ø10c/11
	6+ (y= 16.70)-(y= 19.10) +6	1Ø10c/11
	6+ (y= 20.40)-(y= 25.51) +6	1Ø6.3c/17.5



# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

Piso 3  
Número Pisos Iguais: 1

Malha 2: Laje maciça

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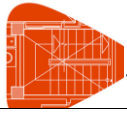
Vigas longitudinais

Armadura Base Inferior: Não se coloca

Armadura Base Superior: Não se coloca

Altura: 12

Viga 4: (y= 1.40)	Inferior	(x= 26.16)-(x= 27.85)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.85) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 5: (y= 1.65)	Inferior	(x= 26.16)-(x= 27.85)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.85) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 6: (y= 1.90)	Inferior	(x= 26.16)-(x= 27.85)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.85) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 7: (y= 2.15)	Inferior	(x= 26.16)-(x= 27.85)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.85) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 8: (y= 2.40)	Inferior	(x= 26.16)-(x= 27.85)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.85) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 9: (y= 2.65)	Inferior	(x= 26.16)-(x= 27.86)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13

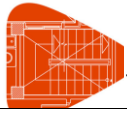


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 10: (y= 2.90)	Inferior	(x= 26.16)-(x= 27.86)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 11: (y= 3.15)	Inferior	(x= 26.16)-(x= 27.86)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 12: (y= 3.40)	Inferior	(x= 26.16)-(x= 27.86)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 13: (y= 3.65)	Inferior	(x= 26.16)-(x= 27.86)	1Ø8c/13
		(x= 34.72)-(x= 36.32)	1Ø8c/13
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 14: (y= 3.90)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 15: (y= 4.15)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 16: (y= 4.40)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 17: (y= 4.65)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 18: (y= 4.90)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5

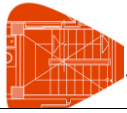


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 19: (y= 5.15)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 34.72)-(x= 36.32) +6	1Ø10c/12
Viga 20: (y= 5.40)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 27.86) +6	1Ø10c/12
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 21: (y= 5.65)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 22: (y= 5.90)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 23: (y= 6.15)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 24: (y= 6.40)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 25: (y= 6.65)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 26: (y= 6.90)	Inferior	(x= 26.16)-(x= 36.32)	1Ø10c/12.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5

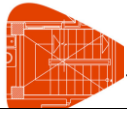


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+	(x= 30.00)-(x= 32.35)	+6	1Ø8c/16
	6+	(x= 35.49)-(x= 36.32)	+6	1Ø6.3c/17.5
Viga 27: (y= 7.15)	Inferior	(x= 26.16)-(x= 36.32)		1Ø10c/12.5
	Superior	6+	(x= 26.16)-(x= 26.99)	+6 1Ø6.3c/17.5
		6+	(x= 30.00)-(x= 32.35)	+6 1Ø8c/16
		6+	(x= 35.49)-(x= 36.32)	+6 1Ø6.3c/17.5
Viga 28: (y= 7.40)	Inferior	(x= 26.16)-(x= 36.32)		1Ø10c/12.5
	Superior	6+	(x= 26.16)-(x= 26.99)	+6 1Ø6.3c/17.5
		6+	(x= 30.00)-(x= 32.35)	+6 1Ø8c/16
		6+	(x= 35.49)-(x= 36.32)	+6 1Ø6.3c/17.5
Viga 29: (y= 7.65)	Inferior	(x= 26.16)-(x= 36.32)		1Ø10c/12.5
	Superior	6+	(x= 26.16)-(x= 26.99)	+6 1Ø6.3c/17.5
		6+	(x= 30.00)-(x= 32.35)	+6 1Ø8c/16
		6+	(x= 35.49)-(x= 36.32)	+6 1Ø6.3c/17.5
Viga 30: (y= 7.90)	Inferior	(x= 26.16)-(x= 36.32)		1Ø10c/12.5
	Superior	6+	(x= 26.16)-(x= 26.99)	+6 1Ø6.3c/17.5
		6+	(x= 30.00)-(x= 32.35)	+6 1Ø8c/16
		6+	(x= 35.49)-(x= 36.32)	+6 1Ø6.3c/17.5
Viga 31: (y= 8.15)	Inferior	(x= 26.16)-(x= 36.32)		1Ø10c/12.5
	Superior	6+	(x= 26.16)-(x= 26.99)	+6 1Ø6.3c/17.5
		6+	(x= 30.00)-(x= 32.35)	+6 1Ø8c/16
		6+	(x= 35.49)-(x= 36.32)	+6 1Ø6.3c/17.5
Viga 32: (y= 8.40)	Inferior	(x= 26.16)-(x= 36.32)		1Ø10c/12.5
	Superior	6+	(x= 26.16)-(x= 26.99)	+6 1Ø6.3c/17.5
		6+	(x= 30.00)-(x= 32.35)	+6 1Ø8c/16
		6+	(x= 35.49)-(x= 36.32)	+6 1Ø6.3c/17.5
Viga 33: (y= 8.65)	Inferior	(x= 26.16)-(x= 36.32)		1Ø10c/12.5
	Superior	6+	(x= 26.16)-(x= 26.99)	+6 1Ø6.3c/17.5
		6+	(x= 30.00)-(x= 32.35)	+6 1Ø8c/16
		6+	(x= 35.49)-(x= 36.32)	+6 1Ø6.3c/17.5
Viga 35: (y= 9.15)	Inferior	(x= 26.16)-(x= 36.32)		1Ø6.3c/17.5

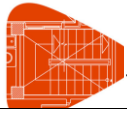


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 36: (y= 9.40)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 37: (y= 9.65)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 38: (y= 9.90)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 39: (y= 10.15)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 40: (y= 10.40)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 41: (y= 10.65)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 42: (y= 10.90)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5

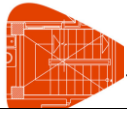


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

Viga 43: (y= 11.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 44: (y= 11.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 45: (y= 11.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 46: (y= 11.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 47: (y= 12.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 48: (y= 12.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 49: (y= 12.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.35) +6	1Ø8c/16
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 51: (y= 13.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9



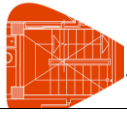
# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 52: (y= 13.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 53: (y= 13.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 54: (y= 13.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 55: (y= 14.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 56: (y= 14.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 57: (y= 14.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 58: (y= 14.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 59: (y= 15.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5



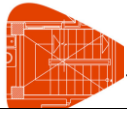


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 60: (y= 15.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 61: (y= 15.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 62: (y= 15.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 63: (y= 16.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 64: (y= 16.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 65: (y= 16.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 66: (y= 16.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 67: (y= 17.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5

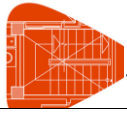


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 68: (y= 17.40)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 69: (y= 17.65)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.55)-(x= 31.95) +6	1Ø8c/9
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 71: (y= 18.15)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 72: (y= 18.40)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 73: (y= 18.65)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 74: (y= 18.90)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 75: (y= 19.15)	Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
	Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
		6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
		6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5

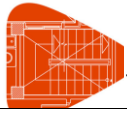


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

Viga 76: (y= 19.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 77: (y= 19.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 78: (y= 19.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 79: (y= 20.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 80: (y= 20.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 81: (y= 20.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 82: (y= 20.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 83: (y= 21.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9

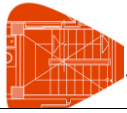


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 84: (y= 21.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 86: (y= 21.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 87: (y= 22.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 88: (y= 22.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 89: (y= 22.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 90: (y= 22.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 91: (y= 23.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 92: (y= 23.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5



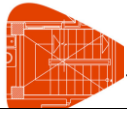
# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 93: (y= 23.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 94: (y= 23.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 95: (y= 24.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 96: (y= 24.40) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 97: (y= 24.65) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 98: (y= 24.90) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5
Viga 99: (y= 25.15) Inferior	(x= 26.16)-(x= 36.32)	1Ø6.3c/17.5
Superior	6+ (x= 26.16)-(x= 26.99) +6	1Ø6.3c/17.5
	6+ (x= 30.00)-(x= 32.40) +6	1Ø6.3c/9
	6+ (x= 35.49)-(x= 36.32) +6	1Ø6.3c/17.5

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# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

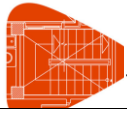
Vigas transversais

Armadura Base Inferior: Não se coloca

Armadura Base Superior: Não se coloca

Altura: 12

Viga 3: (x= 26.54) Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.95)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior 6+	(y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 4: (x= 26.79) Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.95)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior 6+	(y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 5: (x= 27.04) Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.95)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior 6+	(y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 6: (x= 27.29) Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.95)-(y= 17.88)	1Ø6.3c/16

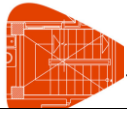


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+	(y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 7: (x= 27.54)	Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
		(y= 3.91)-(y= 12.95)	1Ø6.3c/9
		(y= 12.95)-(y= 17.88)	1Ø6.3c/16
		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+	(y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 8: (x= 27.79)	Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
		(y= 3.91)-(y= 12.95)	1Ø6.3c/9
		(y= 12.95)-(y= 17.88)	1Ø6.3c/16
		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+	(y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 9: (x= 28.04)	Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
		(y= 12.95)-(y= 17.88)	1Ø6.3c/16
		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+	(y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 10: (x= 28.29)	Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
		(y= 12.95)-(y= 17.88)	1Ø6.3c/16
		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5



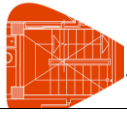
# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
		6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
		6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
		6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 11: (x= 28.54)	Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
		(y= 12.95)-(y= 17.88)	1Ø6.3c/16
		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
	Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
		6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
		6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
		6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 12: (x= 28.79)	Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
		(y= 12.95)-(y= 17.88)	1Ø6.3c/16
		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
	Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
		6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
		6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
		6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 13: (x= 29.04)	Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
		(y= 12.96)-(y= 17.88)	1Ø6.3c/16
		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
	Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
		6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
		6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
		6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 14: (x= 29.29)	Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
		(y= 12.96)-(y= 17.88)	1Ø6.3c/16
		(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
	Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
		6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
		6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5



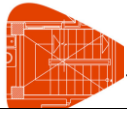


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 15: (x= 29.54) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.96)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 16: (x= 29.79) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.96)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 17: (x= 30.04) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.96)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 18: (x= 30.29) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.96)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 19: (x= 30.54) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.96)-(y= 17.88)	1Ø6.3c/16

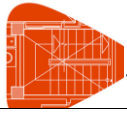


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 20: (x= 30.79) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.96)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 21: (x= 31.04) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.96)-(y= 17.88)	1Ø6.3c/16
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 22: (x= 31.29) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 23: (x= 31.54) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5

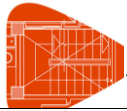


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 24: (x= 31.79) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 25: (x= 32.04) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 26: (x= 32.29) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 27: (x= 32.54) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 3.95)-(y= 10.20) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 28: (x= 32.79) Inferior	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20

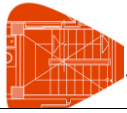


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

		$(y = 17.75)-(y = 25.51)$	1Ø6.3c/17.5
Superior	6+	$(y = 3.95)-(y = 10.20) +6$	1Ø10c/12.5
	6+	$(y = 11.90)-(y = 13.95) +6$	1Ø10c/12.5
	6+	$(y = 16.15)-(y = 19.10) +6$	1Ø8c/12.5
	6+	$(y = 20.25)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 29: (x= 33.04)	Inferior	$(y = 3.91)-(y = 12.95)$	1Ø6.3c/9
		$(y = 12.98)-(y = 17.88)$	1Ø8c/20
		$(y = 17.75)-(y = 25.51)$	1Ø6.3c/17.5
Superior	6+	$(y = 3.95)-(y = 10.20) +6$	1Ø10c/12.5
	6+	$(y = 11.90)-(y = 13.95) +6$	1Ø10c/12.5
	6+	$(y = 16.15)-(y = 19.10) +6$	1Ø8c/12.5
	6+	$(y = 20.25)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 30: (x= 33.29)	Inferior	$(y = 3.91)-(y = 12.95)$	1Ø6.3c/9
		$(y = 12.98)-(y = 17.88)$	1Ø8c/20
		$(y = 17.75)-(y = 25.51)$	1Ø6.3c/17.5
Superior	6+	$(y = 3.95)-(y = 10.20) +6$	1Ø10c/12.5
	6+	$(y = 11.90)-(y = 13.95) +6$	1Ø10c/12.5
	6+	$(y = 16.15)-(y = 19.10) +6$	1Ø8c/12.5
	6+	$(y = 20.25)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 31: (x= 33.54)	Inferior	$(y = 3.91)-(y = 12.95)$	1Ø6.3c/9
		$(y = 12.98)-(y = 17.88)$	1Ø8c/20
		$(y = 17.75)-(y = 25.51)$	1Ø6.3c/17.5
Superior	6+	$(y = 3.95)-(y = 10.20) +6$	1Ø10c/12.5
	6+	$(y = 11.90)-(y = 13.95) +6$	1Ø10c/12.5
	6+	$(y = 16.15)-(y = 19.10) +6$	1Ø8c/12.5
	6+	$(y = 20.25)-(y = 25.51) +6$	1Ø6.3c/17.5
Viga 32: (x= 33.79)	Inferior	$(y = 3.91)-(y = 12.95)$	1Ø6.3c/9
		$(y = 12.98)-(y = 17.88)$	1Ø8c/20
		$(y = 17.75)-(y = 25.51)$	1Ø6.3c/17.5
Superior	6+	$(y = 3.95)-(y = 10.20) +6$	1Ø10c/12.5
	6+	$(y = 11.90)-(y = 13.95) +6$	1Ø10c/12.5

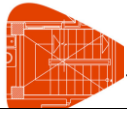


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+	(y= 16.15)-(y= 19.10)	+6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51)	+6	1Ø6.3c/17.5
Viga 33: (x= 34.04) Inferior	(y= 3.91)-(y= 12.95)			1Ø6.3c/9
	(y= 12.98)-(y= 17.88)			1Ø8c/20
	(y= 17.75)-(y= 25.51)			1Ø6.3c/17.5
Superior	6+	(y= 3.95)-(y= 10.20)	+6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95)	+6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10)	+6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51)	+6	1Ø6.3c/17.5
Viga 34: (x= 34.29) Inferior	(y= 3.91)-(y= 12.95)			1Ø6.3c/9
	(y= 12.98)-(y= 17.88)			1Ø8c/20
	(y= 17.75)-(y= 25.51)			1Ø6.3c/17.5
Superior	6+	(y= 3.95)-(y= 10.20)	+6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95)	+6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10)	+6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51)	+6	1Ø6.3c/17.5
Viga 35: (x= 34.54) Inferior	(y= 3.91)-(y= 12.95)			1Ø6.3c/9
	(y= 12.98)-(y= 17.88)			1Ø8c/20
	(y= 17.75)-(y= 25.51)			1Ø6.3c/17.5
Superior	6+	(y= 3.95)-(y= 10.20)	+6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95)	+6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10)	+6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51)	+6	1Ø6.3c/17.5
Viga 36: (x= 34.79) Inferior	(y= 1.29)-(y= 5.55)			1Ø10c/12.5
	(y= 3.91)-(y= 12.95)			1Ø6.3c/9
	(y= 12.98)-(y= 17.88)			1Ø8c/20
	(y= 17.75)-(y= 25.51)			1Ø6.3c/17.5
Superior	6+	(y= 1.29)-(y= 10.05)	+6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95)	+6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10)	+6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51)	+6	1Ø6.3c/17.5

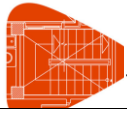


# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

Viga 37: (x= 35.04) Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 38: (x= 35.29) Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 39: (x= 35.54) Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5
	6+ (y= 20.25)-(y= 25.51) +6	1Ø6.3c/17.5
Viga 40: (x= 35.79) Inferior	(y= 1.29)-(y= 5.55)	1Ø10c/12.5
	(y= 3.91)-(y= 12.95)	1Ø6.3c/9
	(y= 12.98)-(y= 17.88)	1Ø8c/20
	(y= 17.75)-(y= 25.51)	1Ø6.3c/17.5
Superior	6+ (y= 1.29)-(y= 10.05) +6	1Ø10c/12.5
	6+ (y= 11.90)-(y= 13.95) +6	1Ø10c/12.5
	6+ (y= 16.15)-(y= 19.10) +6	1Ø8c/12.5



# Armaduras de lajes

TRF-4 VARAS VERTICAL PARTE 2

Data: 13/06/16

	6+	(y= 20.25)-(y= 25.51)	+6	1Ø6.3c/17.5
Viga 41: (x= 36.04) Inferior		(y= 1.29)-(y= 5.55)		1Ø10c/12.5
		(y= 3.91)-(y= 12.95)		1Ø6.3c/9
		(y= 12.98)-(y= 17.88)		1Ø8c/20
		(y= 17.75)-(y= 25.51)		1Ø6.3c/17.5
Superior	6+	(y= 1.29)-(y= 10.05)	+6	1Ø10c/12.5
	6+	(y= 11.90)-(y= 13.95)	+6	1Ø10c/12.5
	6+	(y= 16.15)-(y= 19.10)	+6	1Ø8c/12.5
	6+	(y= 20.25)-(y= 25.51)	+6	1Ø6.3c/17.5