

A 10x10 grid of squares, outlined by a dashed green border. The grid is used for drawing a rectangle.

The graph shows three lines on a coordinate plane with a grid. The x-axis and y-axis are both labeled from 0 to 10. Line 1 is a straight line passing through (0, 0) and (10, 10). Line 2 is a straight line passing through (0, 0) and (10, 12). Line 3 is a piecewise linear function that follows Line 1 until it reaches a peak at (5, 5), then follows Line 2.

DETALHE 02

1439

QUADRO DE CONCRETAGEM E MATERIAIS		
MATERIAL	QUANTIDADE	UNIDADE
Concreto magro lastro (Traço: 1:4; 5:4; 5)	68,7500	m³
Concreto do radier (Fck 30 MPa)	206,2500	m³
Lona plástica preta 150 micras	1375,0000	m²

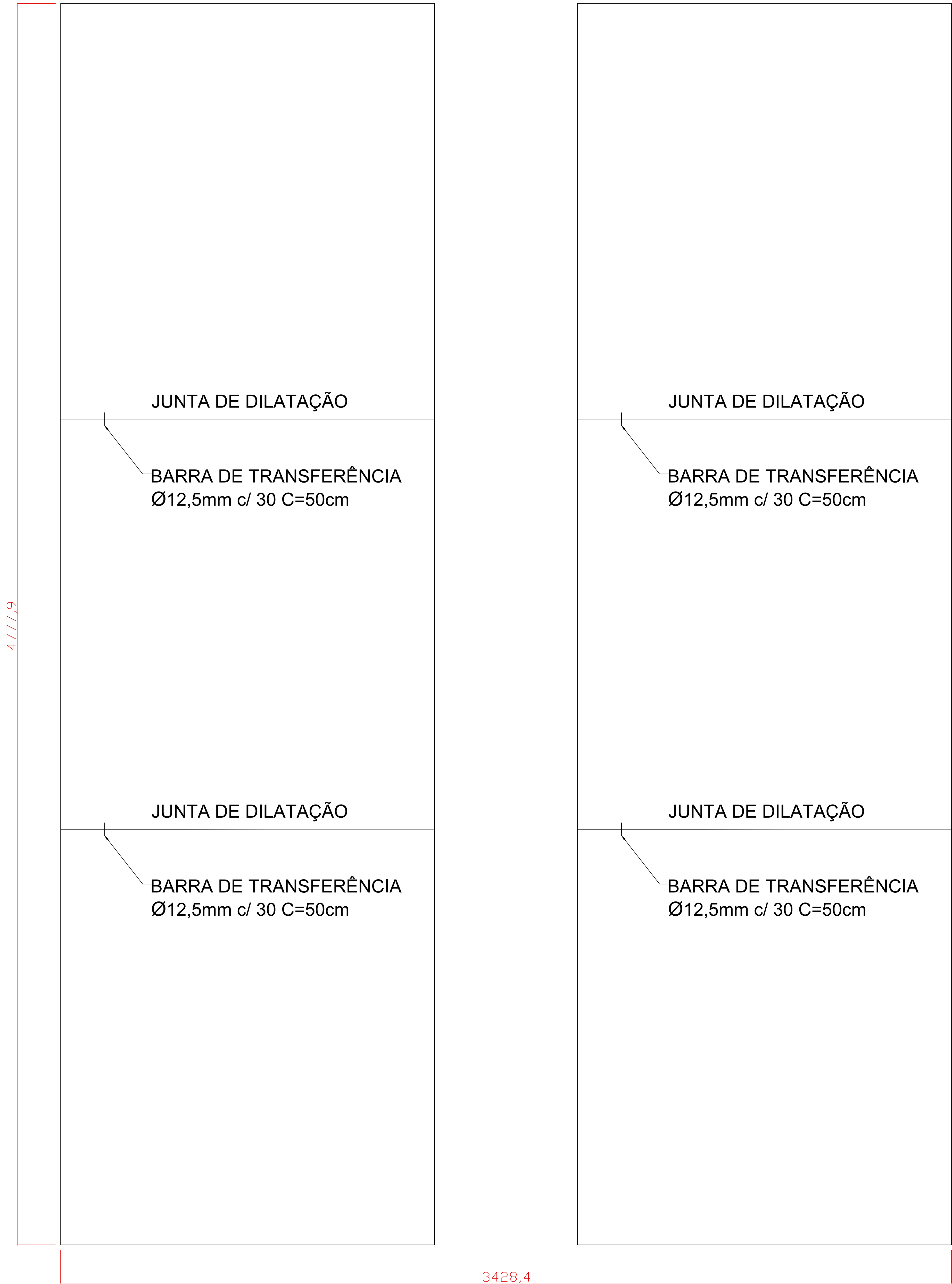
Technical drawing of a roof structure showing a cross-section with dimensions and material specifications. The drawing includes a concrete slab (LASTRO CONCRETO MAGRO) with a thickness of 15 cm, a waterproofing layer (IMPERMEABILIZAÇÃO) made of black plastic (LONA PLÁSTICA PRETA 150 MICRAS), and a spacing grid (TRELIÇA ESPAÇADORA) made of TR 12646. The roof structure is supported by a series of triangular trusses. The dimensions are as follows: a total width of 2,5 m, a truss spacing of 6,2 m, and a truss height of 10 m. The roof slope is indicated by a 10% gradient.

150

LASTRO CONCRETO MAGRO (TRAÇO 1:4; 5:4; 5)

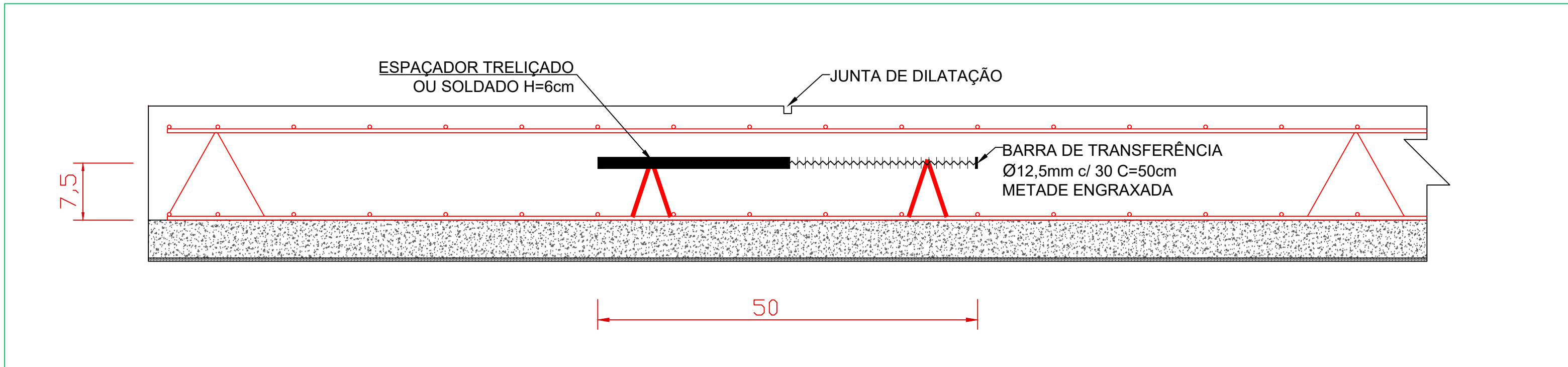
IMPERMEABILIZAÇÃO (LONA PLÁSTICA PRETA 150 MICRAS)

TRELIÇA ESPAÇADORA (TR 12646)



RADIER
Esc.: 1/75

QUADRO DE AÇOS		
MATERIAL	QUANTIDADE	UNIDADE
Aço CA50 Ø12,5mm	90,5220	kg



DETALHE DA BARRA DE TRANSFERÊNCIA
Esc.: 1/5

PROPRIETÁRIO		RESPONSÁVEL TÉCNICO	
MUNICÍPIO DE JOINVILLE R. J. DA ALVIM 10		CAIO CESAR CARDOSO DA SILVA Eng. Civil - CREA 18735-E	
PROPRIETÁRIO		EQUIPE TÉCNICA DA EMPRESA	
E. M. NILSON WILSON BENDER		CAIO CESAR CARDOSO DA SILVA ENGENHEIRO CIVIL CREA 18735-E	
PROJETO		DATA	
RUA DAS TULIPAS, Nº 89, PARANAGUAMIRIM - JOINVILLE/SC		25/03/2022	
CONTEÚDO		FOLHA	
Juntas de dilatação		FUN 02/02	