

RELAÇÃO DO AÇO

Negativos-L2

Positivos-L2

POSITIVOS-L1

AÇO	N	DIAM (mm)	QUANT	C:UNIT (cm)	C:TOTAL (cm)
CA60	1	5,0	128	100	12800
	2	5,0	561	103	57783
	3	5,0	147	104	15288
	4	5,0	75	1018	76350
	5	5,0	12	165	1980
	6	5,0	51	214	10914
	7	5,0	12	804	9648
	8	5,0	6	116	696
	9	5,0	9	147	1323
	10	6,3	6	540	3240
	11	6,3	16	91	1456
	12	6,3	30	136	4080
	CA50	13	6,3	22	104
14		6,3	272	106	59480
15		6,3	750	108	79500
16		6,3	384	138	52992
17		8,0	144	1148	165312
18		10,0	24	112	2688
19		10,0	44	140	6160
20		10,0	104	190	19760
21		12,5	76	114	8664
22		12,5	312	142	44304
23		12,5	36	191	6876
24		12,5	40	1148	45920
25		12,5	304	159	48336
26	12,5	164	1044	171216	

RESUMO DO AÇO

AÇO	DIAM (mm)	C:TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6,3	1988	183	535,1
CA60	8,0	1653,1	152	720,5
	10,0	286,1	27	194
	12,5	3253,2	299	3455,2
CA60	5,0	1900,2	175	322,2
PESO TOTAL (kg)				
CA50	4905			
CA60	322,2			

Volume de concreto (C-35) = 40,51 m³

Área de forma = 225,05 m²

2 N24 ø12,5 C11=148		2 N24 ø12,5 C11=148	
76 N25 ø12,5	CT=159	76 N25 ø12,5	CT=159
L1	8 N24 ø12,5 C11=148	L2	8 N24 ø12,5 C11=148
L3	7 N17 ø8,0 C15 C1=148	L4	7 N17 ø8,0 C15 C1=148
L5	9 N17 ø8,0 C12 C1=148	L6	9 N17 ø8,0 C12 C1=148
L7	10 N17 ø8,0 C11 C1=148	L8	10 N17 ø8,0 C11 C1=148
L9	10 N17 ø8,0 C11 C1=148	L10	10 N17 ø8,0 C11 C1=148
L11	10 N17 ø8,0 C11 C1=148	L12	10 N17 ø8,0 C11 C1=148
L13	10 N17 ø8,0 C11 C1=148	L14	10 N17 ø8,0 C11 C1=148
L15	9 N17 ø8,0 C12 C1=148	L16	9 N17 ø8,0 C12 C1=148
L17	7 N17 ø8,0 C15 C1=148	L18	7 N17 ø8,0 C15 C1=148
L19	8 N24 ø12,5 C11=148	L20	8 N24 ø12,5 C11=148
82 N26 ø12,5	CT=1044	82 N26 ø12,5	CT=1044

PROJETO DE PONTE
ARMAÇÃO POSITIVA LAJES SUPERESTRUTURA

GILMAR LUIZ SOUTHER

PROFESSOR MUNICIPAL

Engº CIVIL KADAN JOSE GRIEBELER

CR-16/19-19286

ENGENHEIRO CIVIL OAB/RS

ARRIODO TRAVESSEIRO
LAT = 29° 17'36,35" S, LONG = 52° 03'38,87" O
CENTRO, TRAVESSEIRO - RS

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ESCALA	ÁREA	DATA	LARGURA	EXTENSÃO	13
1:100	283,75 m²	08/2024	12,50 M	22,70 M	