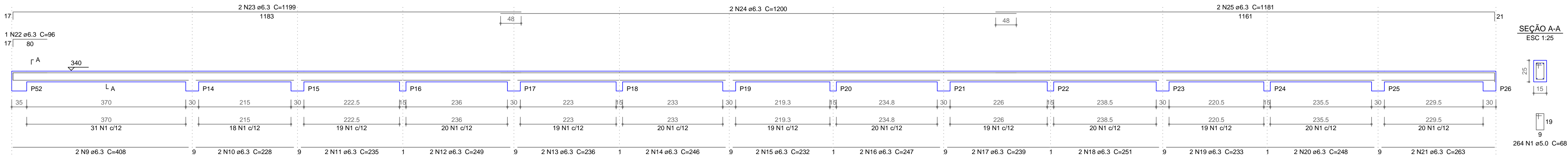
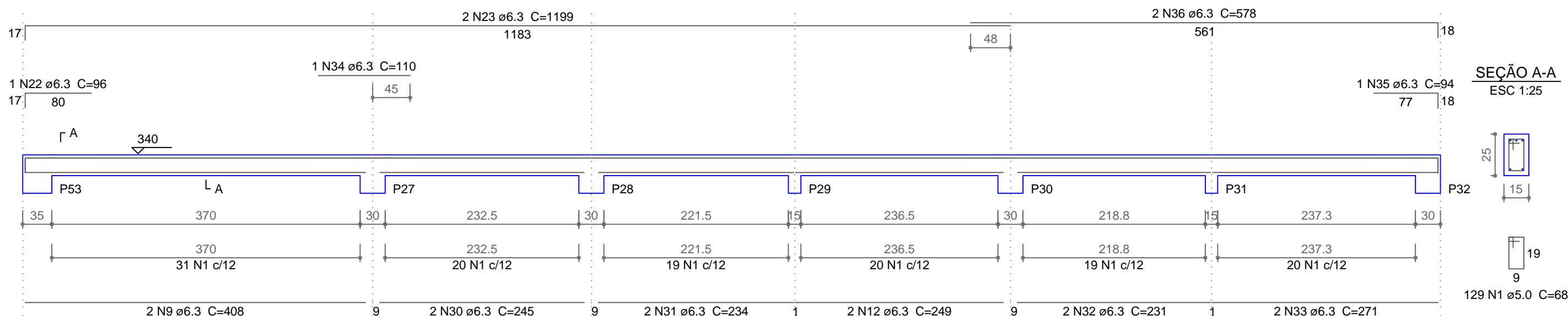


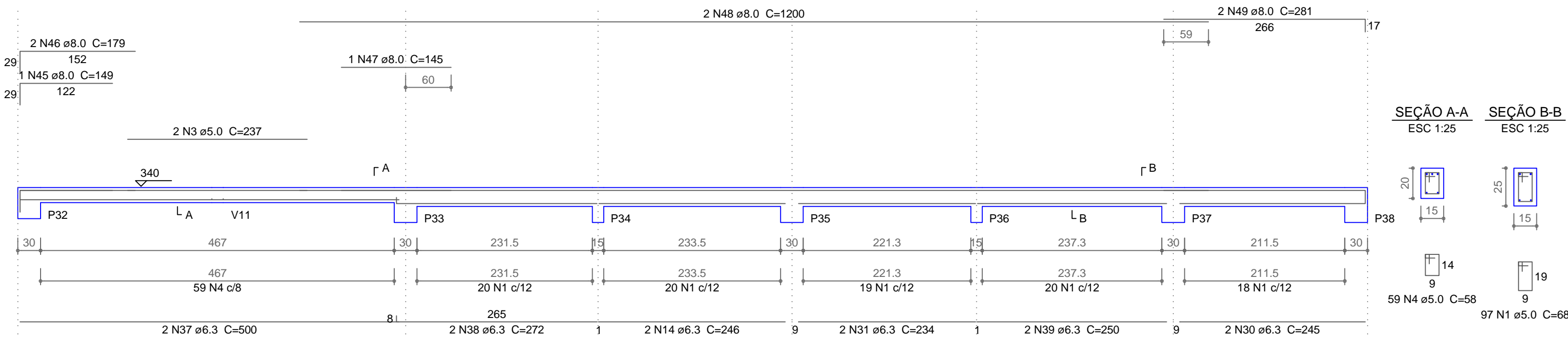
V2  
ESC 1:50



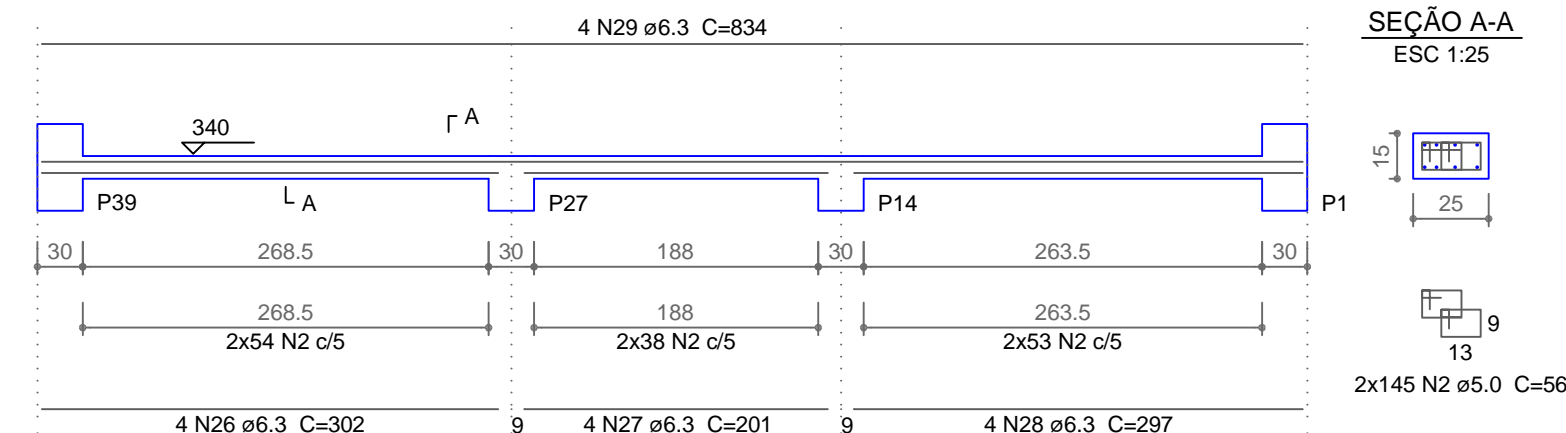
V4  
ESC 1:50



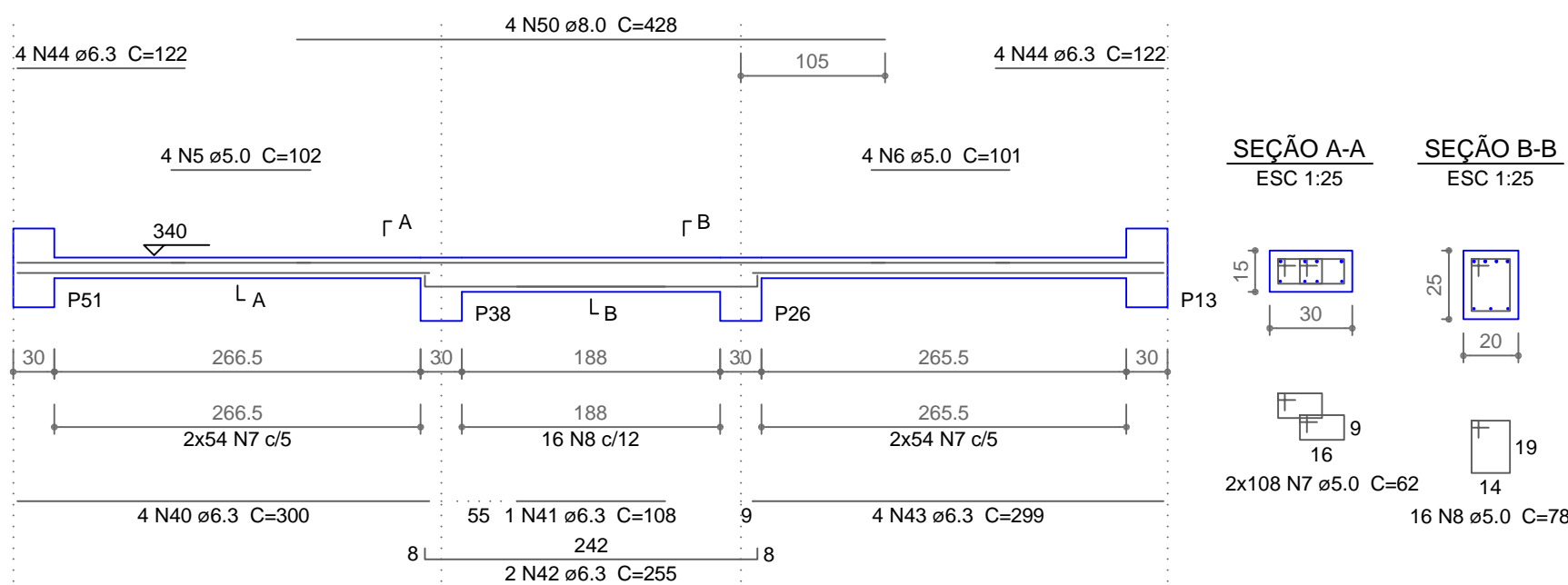
V5  
ESC 1:50



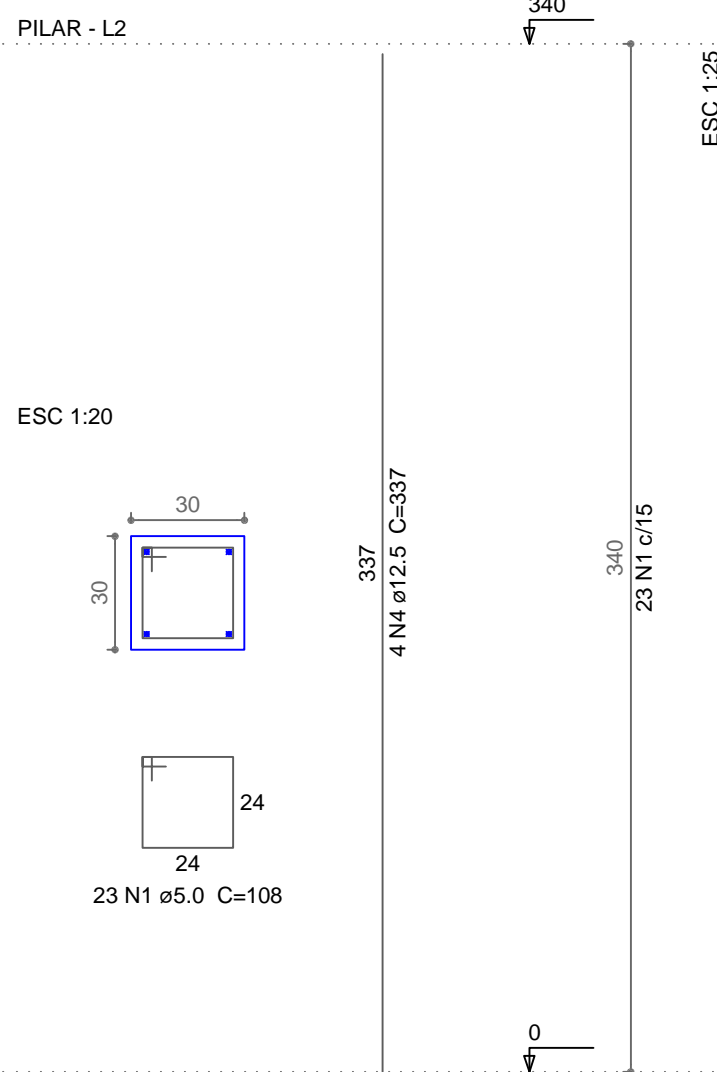
V9  
ESC 1:50



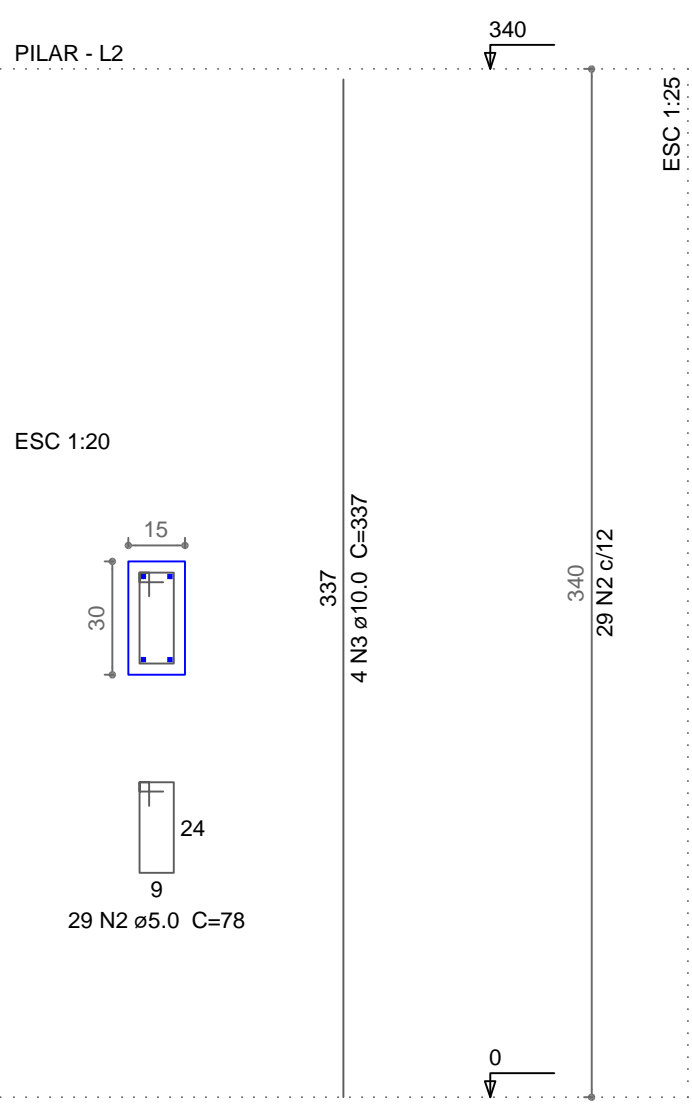
V13  
ESC 1:50



P14=P15=P17=P19=P21=P23=P25=P26  
=P27=P28=P30=P32=P33=P35=P37=P38



P16=P18=P20=P22=P24=P29=P31=P34=P36



Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA80	1	5.0	368	108	39744
CA50	2	5.0	261	78	20358
CA50	3	10.0	36	337	12132
CA50	4	12.5	64	337	21568

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	121.4	82.3
CA80	12.5	215.7	228.6
CA80	5.0	601.1	101.9
PESO TOTAL			
CA50		310.8	
CA80		101.9	

Vol. de concreto total (C-25) = 6.27 m³  
Área de forma total = 92.82 m²

Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA80	1	5.0	490	68	33320
CA50	2	5.0	290	56	16240
CA50	3	5.0	2	237	474
CA50	4	5.0	59	58	3422
CA50	5	5.0	4	102	408
CA50	6	5.0	4	101	404
CA50	7	5.0	216	62	13392
CA50	8	5.0	16	78	1248
CA50	9	6.3	4	408	1632
CA50	10	6.3	2	228	456
CA50	11	6.3	2	235	470
CA50	12	6.3	4	249	996
CA50	13	6.3	2	236	472
CA50	14	6.3	4	246	984
CA50	15	6.3	2	232	464
CA50	16	6.3	2	247	494
CA50	17	6.3	2	239	478
CA50	18	6.3	2	251	502
CA50	19	6.3	2	233	466
CA50	20	6.3	2	248	496
CA50	21	6.3	2	263	526
CA50	22	6.3	2	96	192
CA50	23	6.3	4	1199	4796
CA50	24	6.3	2	1200	2400
CA50	25	6.3	2	1181	2362
CA50	26	6.3	4	302	1208
CA50	27	6.3	4	201	804
CA50	28	6.3	4	297	1188
CA50	29	6.3	4	834	3336
CA50	30	6.3	4	245	980
CA50	31	6.3	4	234	936
CA50	32	6.3	2	231	462
CA50	33	6.3	2	271	542
CA50	34	6.3	1	110	110
CA50	35	6.3	1	94	94
CA50	36	6.3	2	578	1156
CA50	37	6.3	2	500	1000
CA50	38	6.3	2	272	544
CA50	39	6.3	2	250	500
CA50	40	6.3	4	300	1200
CA50	41	6.3	1	108	108
CA50	42	6.3	2	255	510
CA50	43	6.3	4	299	1196
CA50	44	6.3	8	122	976
CA50	45	8.0	1	149	149
CA50	46	8.0	2	179	358
CA50	47	8.0	1	145	145
CA50	48	8.0	2	1200	2400
CA50	49	8.0	2	281	562
CA50	50	8.0	4	428	1712

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	350.4	94.3
CA50	8.0	53.3	23.1
CA50	5.0	889.1	116.8
PESO TOTAL			
CA50		117.4	
CA80		116.8	

Vol. de concreto total (C-25) = 3.27 m³  
Área de forma total = 54.46 m²

## PROJETO ESTRUTURAL

### PREFEITURA MUNICIPAL DE SÃO RAIMUNDO NONATO - PI

ENDEREÇO DA OBRA

ZONA URBANA DE SÃO RAIMUNDO NONATO/PI

TÍTULO:

PROJETO URBANÍSTICO PARA  
REFORMA DE AÇOUGUE

ASSUNTO

DETALHAMENTO DAS VIGAS, PILARES E  
CORTE AA

ESCALA:

INDICADA

FOLHA:

02/02

Corte A-A  
escala 1:50