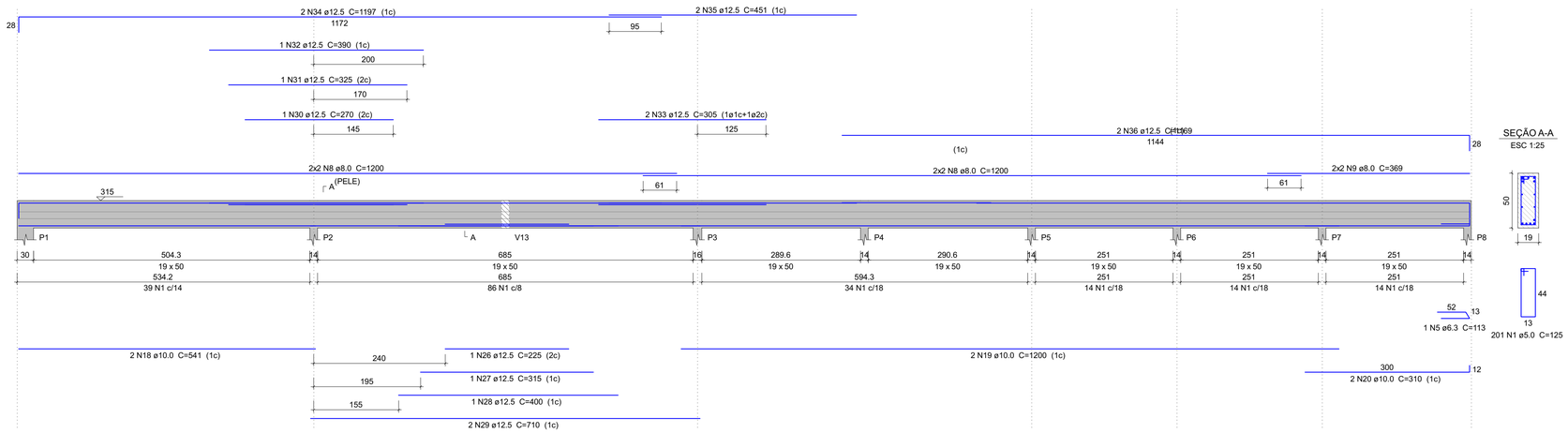
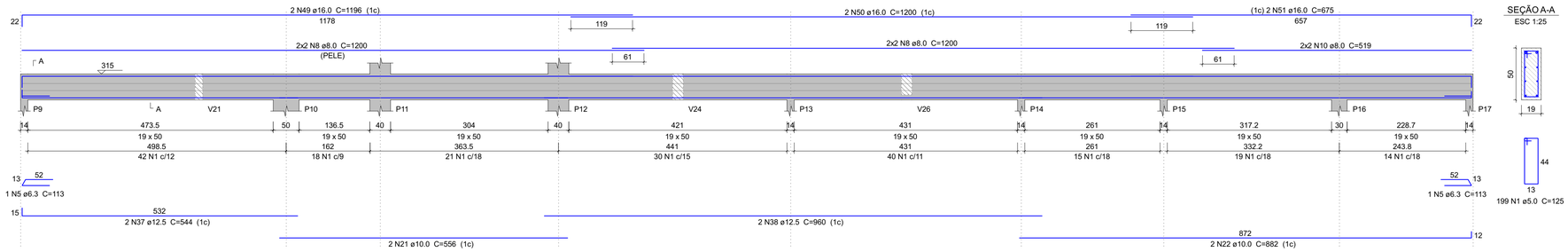
V1
ESC 1:50



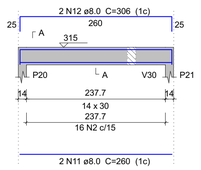
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



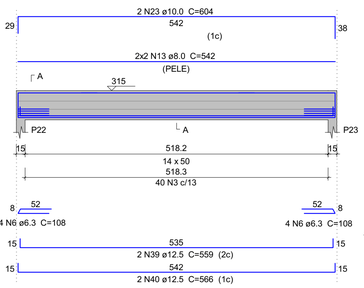
SEÇÃO A-A
ESC 1:25

V4
ESC 1:50

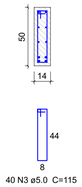


SEÇÃO A-A
ESC 1:25

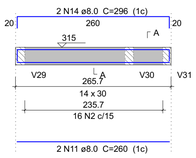
V5
ESC 1:50



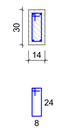
SEÇÃO A-A
ESC 1:25



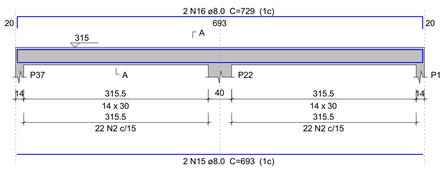
V8
ESC 1:50



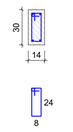
SEÇÃO A-A
ESC 1:25



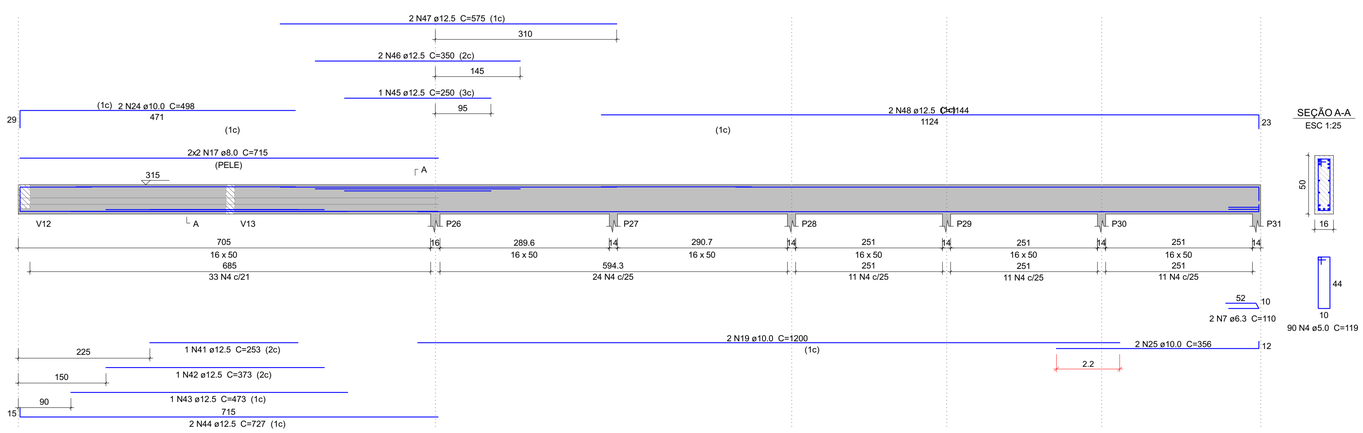
V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

V1 V2 V4
V5 V6 V8
V11

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	400	125	50000
	2	5.0	76	75	5700
	3	5.0	40	115	4600
	4	5.0	90	119	10710
CA50	5	6.3	3	113	339
	6	6.3	8	108	864
	7	6.3	2	110	220
	8	8.0	16	1200	19200
	9	8.0	4	369	1476
	10	8.0	4	519	2076
	11	8.0	4	260	1040
	12	8.0	2	306	612
	13	8.0	4	542	2168
	14	8.0	2	296	592
	15	8.0	2	693	1386
	16	8.0	2	729	1458
	17	8.0	4	715	2860
	18	10.0	2	541	1082
	19	10.0	4	1200	4800
	20	10.0	2	310	620
	21	10.0	2	556	1112
	22	10.0	2	882	1764
	23	10.0	2	604	1208
	24	10.0	2	498	996
	25	10.0	2	356	712
	26	12.5	1	225	225
	27	12.5	1	315	315
	28	12.5	1	400	400
	29	12.5	2	710	1420
	30	12.5	1	270	270
	31	12.5	1	325	325
	32	12.5	1	390	390
	33	12.5	2	305	610
	34	12.5	2	1197	2394
	35	12.5	2	451	902
	36	12.5	2	1169	2338
	37	12.5	2	544	1088
	38	12.5	2	960	1920
	39	12.5	2	559	1118
	40	12.5	2	566	1132
	41	12.5	1	253	253
	42	12.5	1	373	373
	43	12.5	1	473	473
	44	12.5	2	727	1454
	45	12.5	1	250	250
	46	12.5	2	350	700
	47	12.5	2	575	1150
	48	12.5	2	1144	2288
	49	16.0	2	1196	2392
	50	16.0	2	1200	2400
	51	16.0	2	675	1350

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	14.3	2	3.8
	8.0	328.7	31	142.7
	10.0	123	12	83.4
	12.5	217.9	20	230.9
	16.0	61.5	6	106.6
CA60	5.0	710.1	-	120.4

PESO TOTAL (kg)	
CA50	567.4
CA60	120.4

Volume de concreto (C-25) = 7.46 m³
Área de forma = 80.53 m²

PREFEITURA MUNICIPAL DE ARAPIRACA

Secretaria Municipal de Infraestrutura

Projeto Estrutural em Concreto Armado

Título/ Obra: Centro de Referência da Assistência Social - CRAS

Localização: Rua Pedro Tertuliano, Planalto, Arapiraca - AL

Proprietário/ Responsável:

Prefeitura Municipal de Arapiraca - CNPJ: 12198693/ 0001-58

Valmir Rodrigues de Albuquerque Filho
CREA/AL - 0215091841

Dados do Projeto:

ÁREA DO TERRENO: 2.024,00m²
ÁREA CONSTRUÍDA: 381,00 m²
ÁREA DE COBERTA: 423,00m²

Assunto: Vigas do pavimento Superior

Atenção: Conferir as Medidas no Local

Prancha Nº: 11/ 16

Desenho: SEMINFRA

Data:

Escala: Indicada