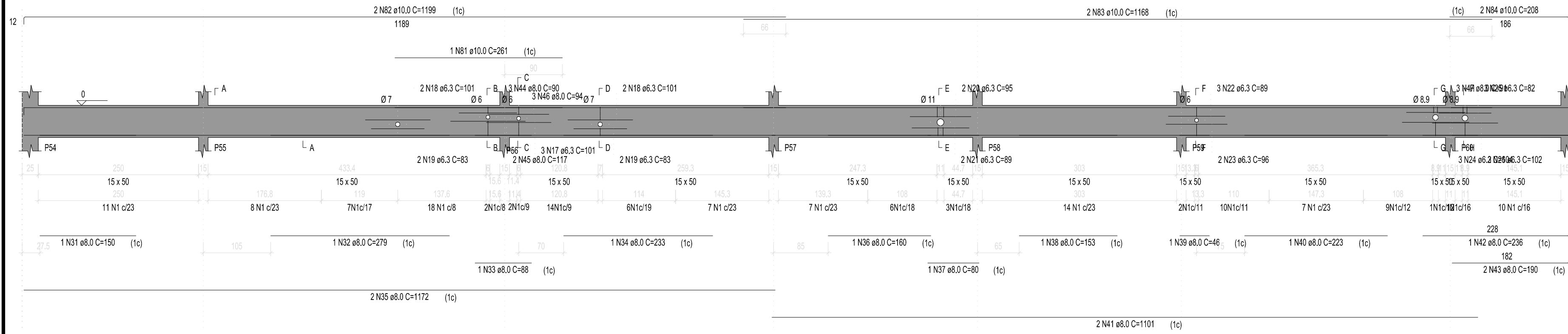
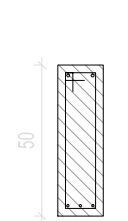


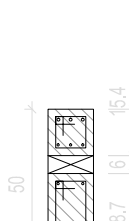
V16  
ESC 1:50



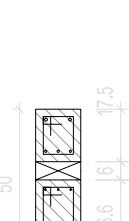
SEÇÃO A-A  
ESC 1:25



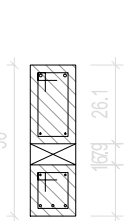
SEÇÃO B-B  
ESC 1:25



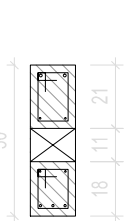
SEÇÃO C-C  
ESC 1:25



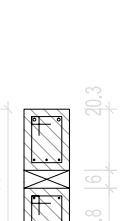
SEÇÃO D-D  
ESC 1:25



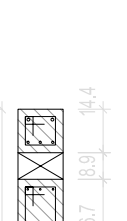
SEÇÃO E-E  
ESC 1:25



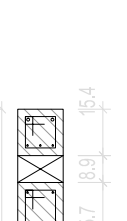
SEÇÃO F-F  
ESC 1:25



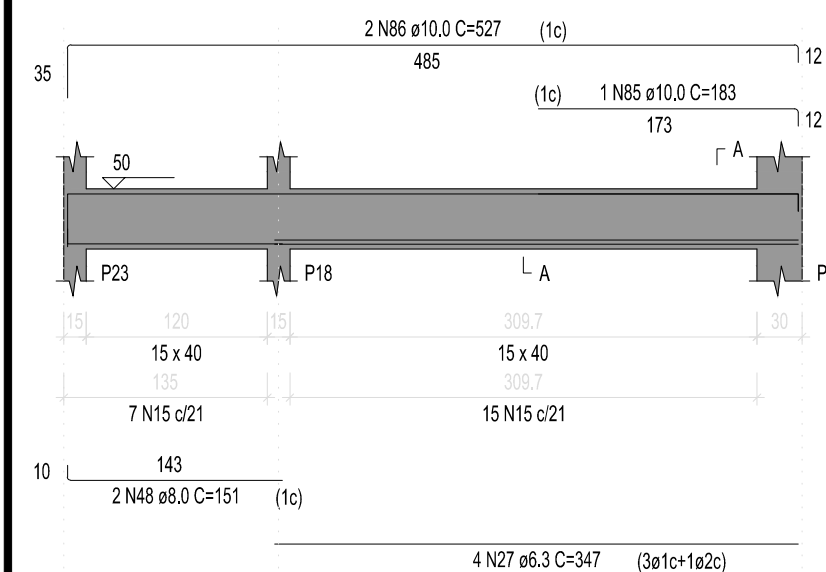
SEÇÃO G-G  
ESC 1:25



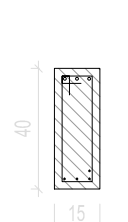
SEÇÃO H-H  
ESC 1:25



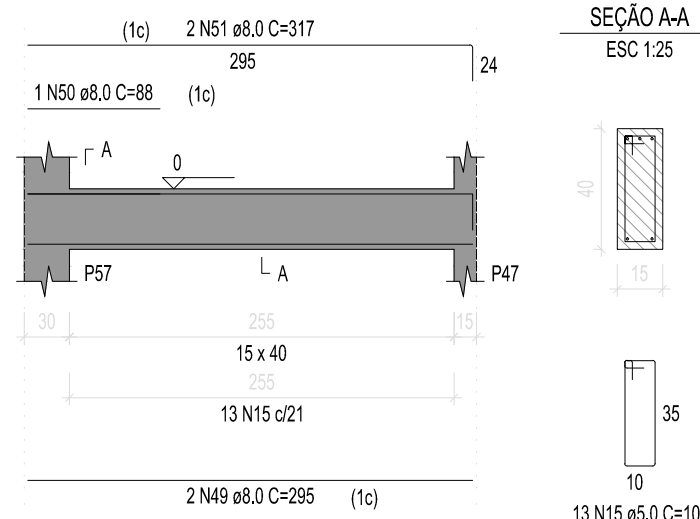
V28  
ESC 1:50



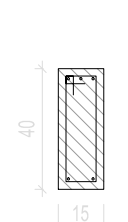
SEÇÃO A-A  
ESC 1:25



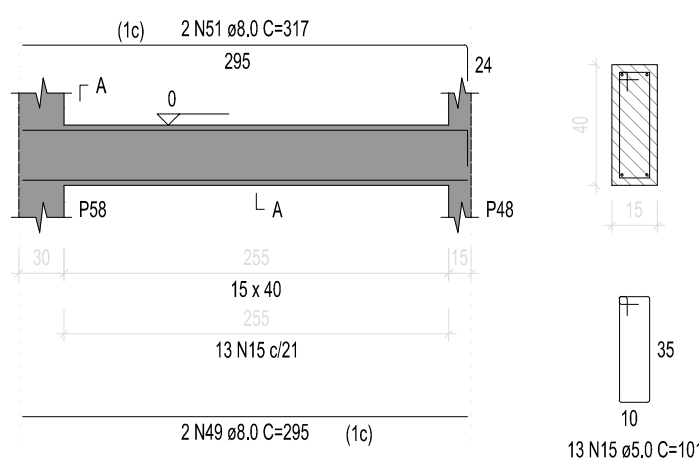
V29  
ESC 1:50



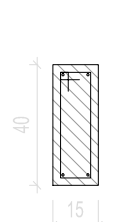
SEÇÃO A-A  
ESC 1:25



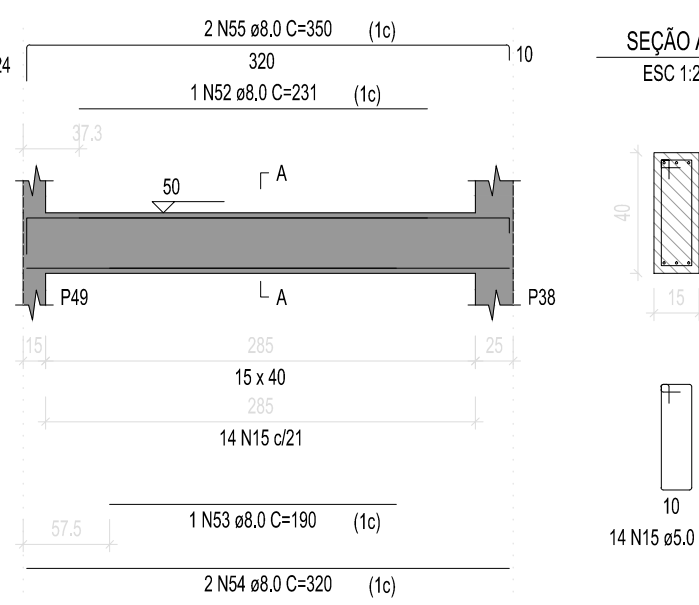
V30  
ESC 1:50



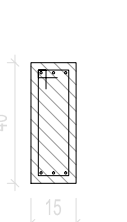
SEÇÃO A-A  
ESC 1:25



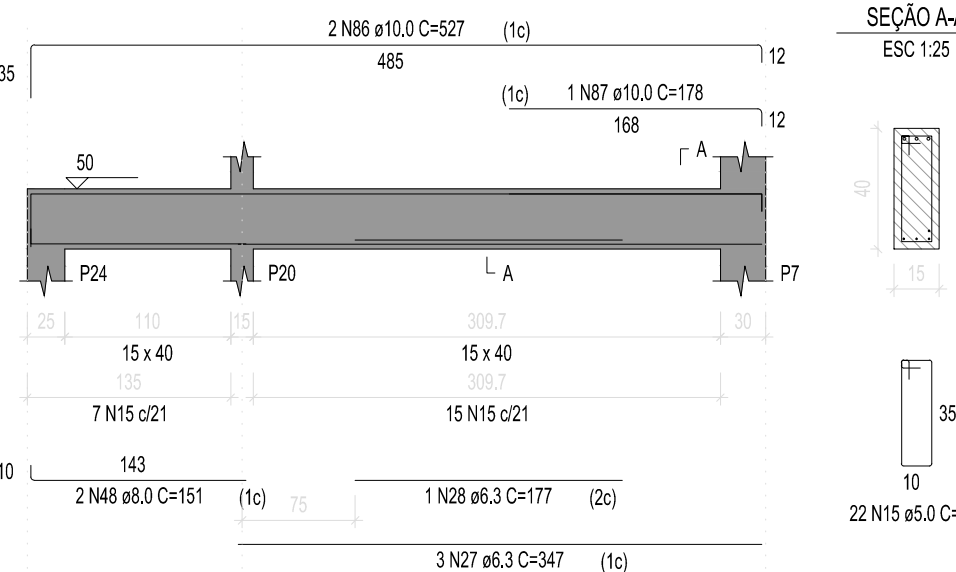
V31  
ESC 1:50



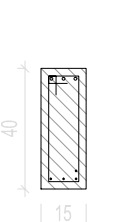
SEÇÃO A-A  
ESC 1:25



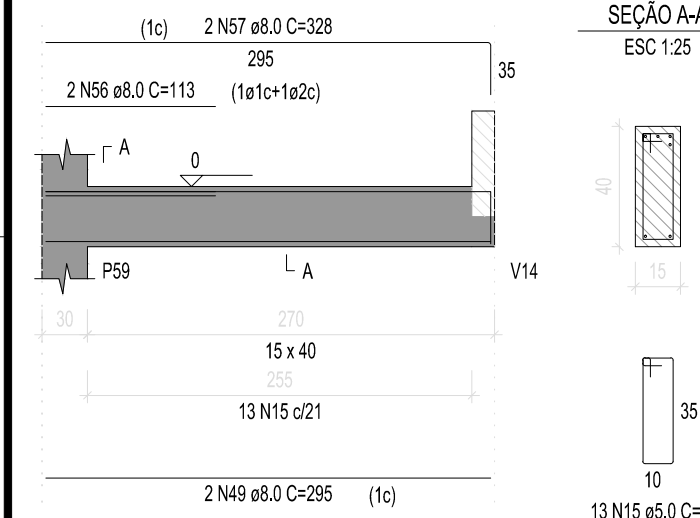
V32  
ESC 1:50



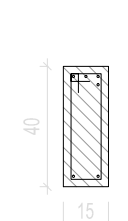
SEÇÃO A-A  
ESC 1:25



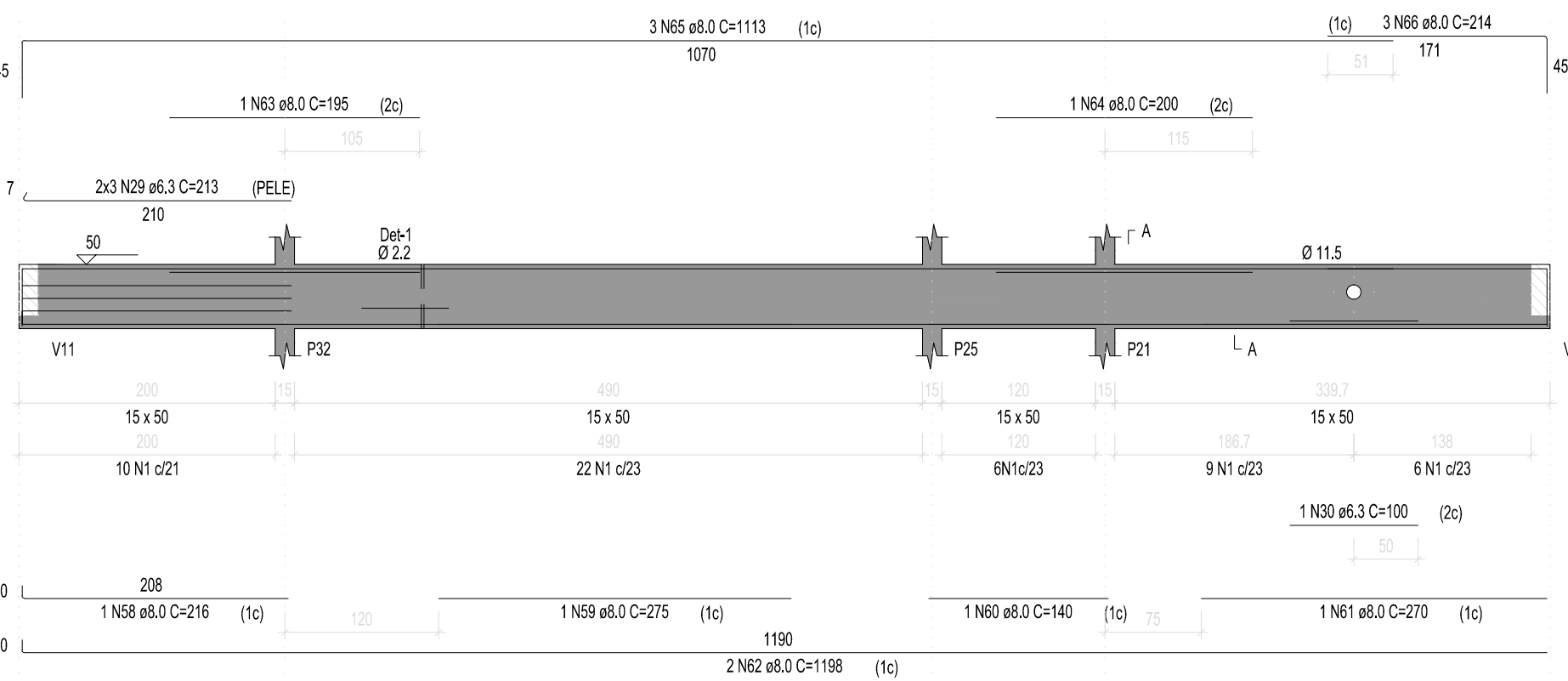
V33  
ESC 1:50



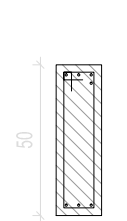
SEÇÃO A-A  
ESC 1:25



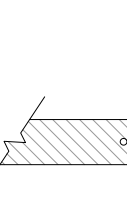
V34  
ESC 1:50



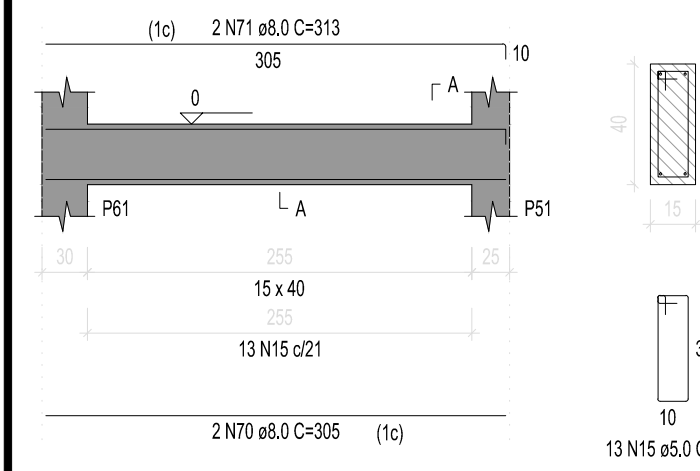
SEÇÃO A-A  
ESC 1:25



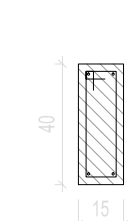
DET-1  
ESC 1:25



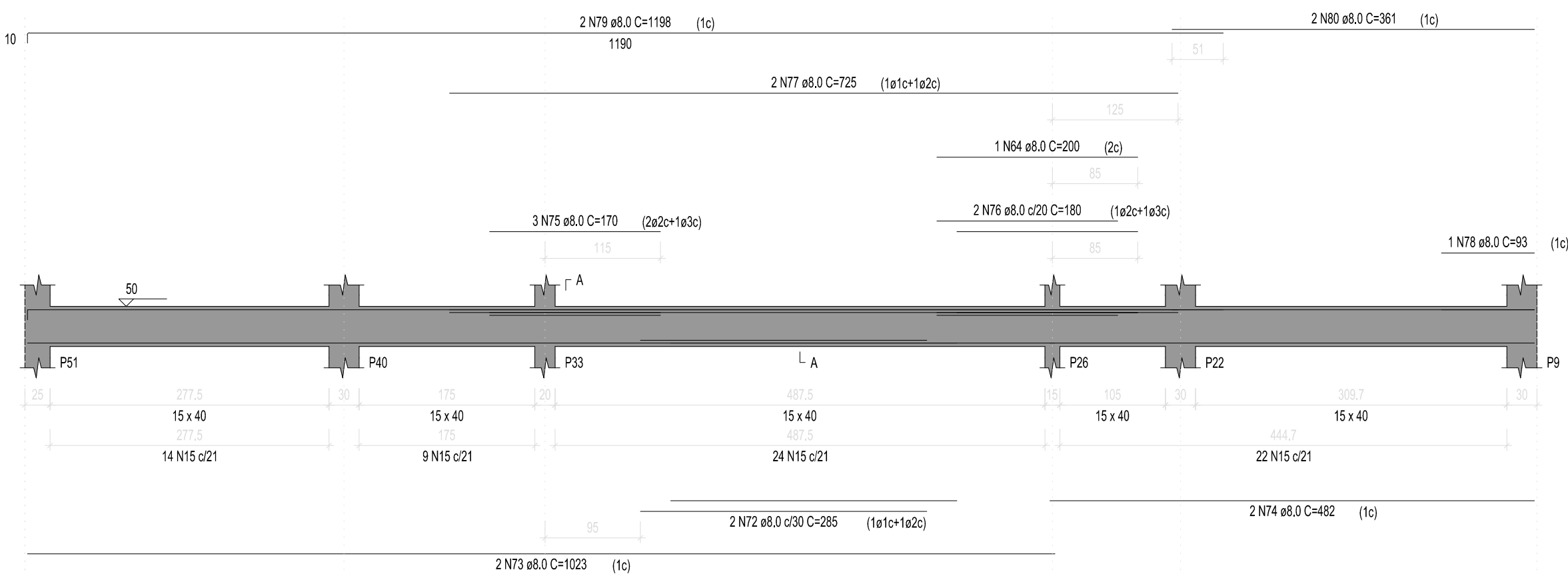
V37  
ESC 1:50



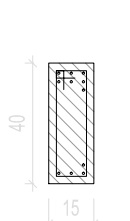
SEÇÃO A-A  
ESC 1:25



V38  
ESC 1:50



SEÇÃO A-A  
ESC 1:25



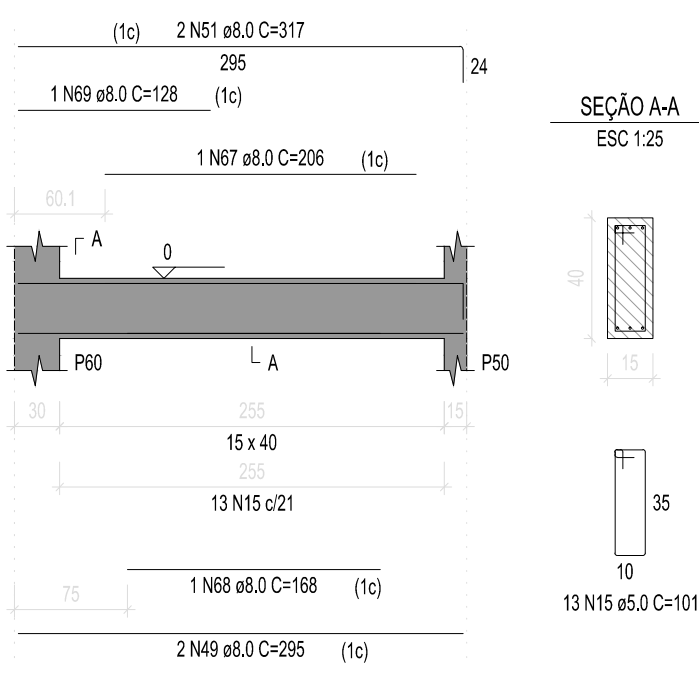
RELAÇÃO DO AÇO						
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)	
CA80	1	5.0	198	121	23958	
	2	5.0	3	51	153	
	3	5.0	1	79	79	
	4	5.0	1	55	55	
	5	5.0	1	75	75	
	6	5.0	1	73	73	
	7	5.0	1	55	55	
	8	5.0	2	63	126	
	9	5.0	2	57	114	
	10	5.0	1	61	61	
	11	5.0	1	69	69	
	12	5.0	2	49	98	
	13	5.0	1	75	75	
	14	5.0	3	73	219	
	15	5.0	207	101	20907	
	16	5.0	2	320	640	
	17	6.3	3	101	303	
	18	6.3	4	101	404	
	19	6.3	4	83	332	
	20	6.3	2	95	190	
CA50	21	6.3	2	89	178	
	22	6.3	3	89	267	
	23	6.3	2	96	192	
	24	6.3	3	104	312	
	25	6.3	3	82	246	
	26	6.3	2	102	204	
	27	6.3	7	347	2429	
	28	6.3	1	177	177	
	29	6.3	6	213	1278	
	30	6.3	1	100	100	
	31	8.0	1	150	150	
	32	8.0	1	279	279	
	33	8.0	1	88	88	
	34	8.0	1	233	233	
	35	8.0	2	1172	2344	
	36	8.0	1	160	160	
	37	8.0	1	80	80	
	38	8.0	1	153	153	
	39	8.0	1	46	46	
	40	8.0	1	223	223	
	41	8.0	2	1101	2202	
	42	8.0	1	236	236	
	43	8.0	2	90	180	
	44	8.0	3	90	270	
	45	8.0	2	117	234	
	46	8.0	3	94	282	
	47	8.0	3	91	273	
	48	8.0	4	151	604	
	49	8.0	8	295	2360	
	50	8.0	1	88	88	
	51	8.0	6	317	1902	
	52	8.0	1	231	231	
	53	8.0	1	190	190	
	54	8.0	2	320	640	
	55	8.0	2	350	700	
	56	8.0	2	113	226	
	57	8.0	2	328	656	
	58	8.0	1	216	216	
	59	8.0	1	275	275	
	60	8.0	1	140	140	
	61	8.0	1	270	270	
	62	8.0	2	1198	2396	
	63	8.0	1	195	195	
	64	8.0	2	200	400	
	65	8.0	3	1113	3339	
	66	8.0	3	214	642	
	67	8.0	1	206	206	
	68	8.0	1	168	168	
	69	8.0	1	128	128	
	70	8.0	2	305	610	
	71	8.0	2	313	626	
	72	8.0	2	285	570	
	73	8.0	2	1023	2046	
	74	8.0	2	482	964	
	75	8.0	3	170	510	
	76	8.0	2	180	360	
	77	8.0	2	725	1450	
	78	8.0	1	93	93	
	79	8.0	2	1198	2396	
	80	8.0	2	361	722	
	81	10.0	1	261	261	
	82	10.0	2	1199	2398	
	83	10.0	2	1168	2336	
	84	10.0	2	208	416	
	85	10.0	1	183	183	
	86	10.0	4	527	2108	
	87	10.0	1	178	178	
	88	10.0	2	320	640	

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	69.8	17.5
	8.0	339.5	147.4
	10.0	85.2	57.8
CA60	5.0	466.1	79
PESO TOTAL (kg)		223	79
CA50			
CA60			

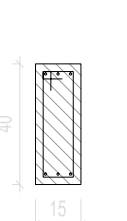
Volume de concreto (C-30) = 5.49 m³

Área de forma = 85.63 m²

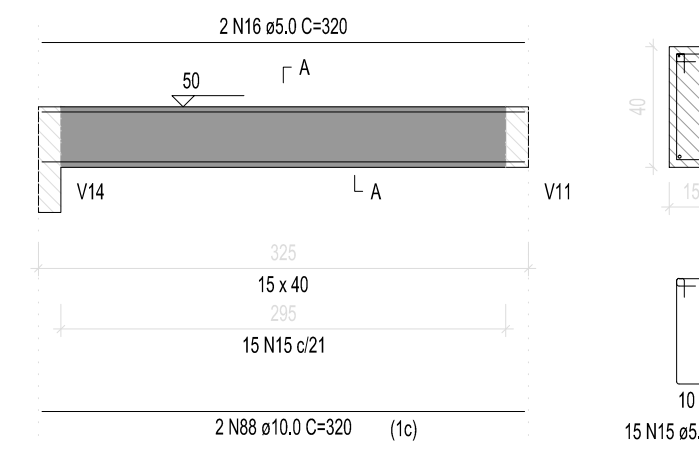
V35  
ESC 1:50



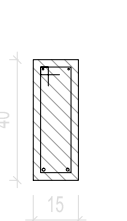
SEÇÃO A-A  
ESC 1:25



V36  
ESC 1:50



SEÇÃO A-A  
ESC 1:25



00	REVISÃO SOLICITADA PELA FISCALIZAÇÃO	10/05/2019	GEORGE BEZERRA	MATEUS SOTERO
00	EMISSION INICIAL	29/03/2019	GEORGE BEZERRA	MATEUS SOTERO
REV.	MODIFICAÇÃO	DATA	AUTOR(ES) DO PROJETO	DESENHISTA(S)
				APROVO

ESPAÇO PARA APROVAÇÃO/ CARIMBO:

ESPAÇO PARA CÁLCULO DE ÁREA:			
ÁREA DO TERRENO	1800.00 m²		
ÁREA DO GALPÃO EXISTENTE	1040.00 m²		
ÁREA DA CONSTRUÇÃO NOVA (UPR)	463.28 m²		

PROPRIETÁRIO: SESC UPR

RESPONSÁVEL TÉCNICO:

PROJETO: GEORGE MAGNO BEZERRA PEIXOTO / CREA 020340337-1

### PROJETO DE FUNDAÇÃO

OBRA:  
**CONSTRUÇÃO DA UNIDADE DE PRODUÇÃO DE REFEIÇÕES DO SESC**

ENDEREÇO DO EMPREENDIMENTO:  
**AV. SENADOR LEMOS Nº 2056 - TELÉGRAFO  
BELEM-PA**

DESENHO: MATEUS SOTERO

CLIENTE:



SERVIÇO SOCIAL DO COMÉRCIO  
DEPARTAMENTO REGIONAL DO ESTADO DO PARÁ

IDENTIFICAÇÃO DO PROJETO:  
DETALHAMENTO DE VIGAS (03/03)

CODIFICAÇÃO DO ARQUIVO:  
01.PE.FUN-2019.05

ESCALA:

INDICADA

Nº DA FRANCHA:

**FUN 08/13**

ESTE PROJETO NÃO PODERÁ SOFRER ALTERAÇÕES SEM ORDENS EXPRESSAS DO AUTOR