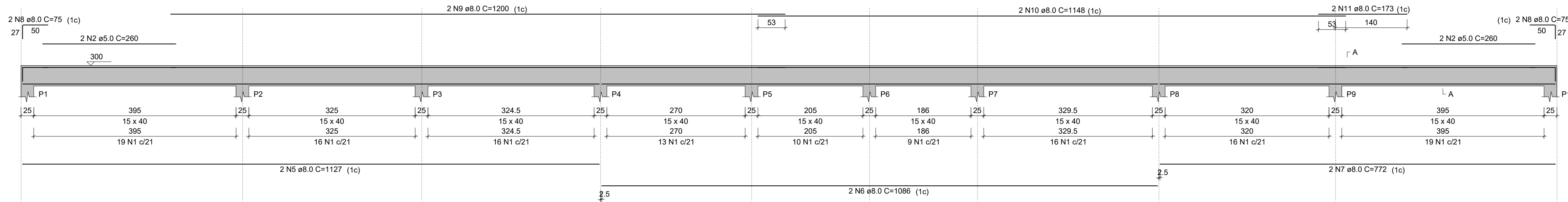
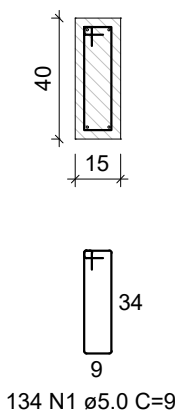


V1  
ESC 1:50



SEÇÃO A-A  
ESC 1:25



RELAÇÃO DO AÇO

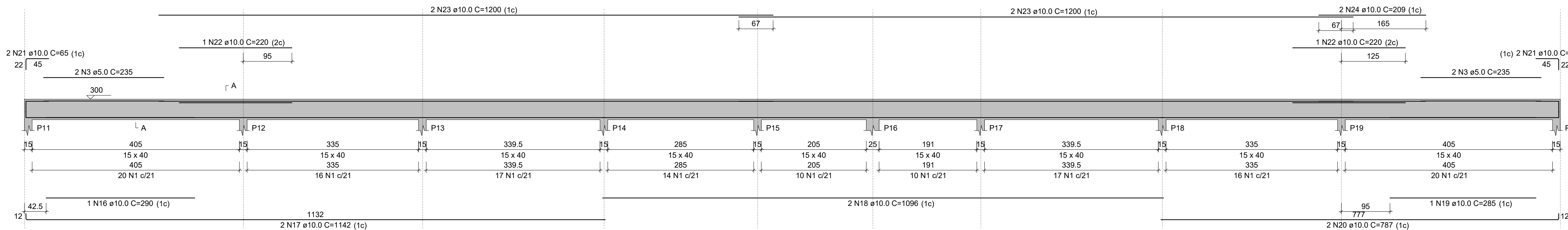
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	274	97	26578
	2	5.0	4	260	1040
	3	5.0	4	235	940
	4	5.0	260	67	17420
CA50	5	8.0	2	1127	2254
	6	8.0	2	1086	2172
	7	8.0	2	772	1544
	8	8.0	4	75	300
	9	8.0	2	1200	2400
	10	8.0	2	1148	2296
	11	8.0	2	173	346
	12	8.0	2	180	360
	13	8.0	4	376	1504
	14	8.0	2	352	704
	15	8.0	1	135	135
	16	10.0	1	290	290
	17	10.0	2	1142	2284
	18	10.0	2	1096	2192
	19	10.0	1	285	285
	20	10.0	2	787	1574
	21	10.0	4	65	260
	22	10.0	2	220	440
	23	10.0	4	1200	4800
	24	10.0	2	209	418
	25	10.0	6	352	2112
	26	10.0	10	344	3440
	27	10.0	3	175	525
	28	10.0	14	371	5194
	29	10.0	2	170	340
	30	10.0	2	180	360
	31	10.0	2	340	680
	32	10.0	1	145	145
	33	10.0	2	359	718

RESUMO DO AÇO

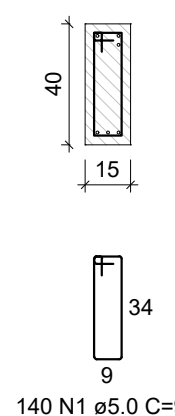
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	140.2	13	60.8
CA60	5.0	280.6	24	176.7
		459.8	-	78
PESO TOTAL (kg)				
CA50		237.5		
CA60		78		

Volume de concreto (C-25) = 4.91 m³  
Área de forma = 79.67 m²

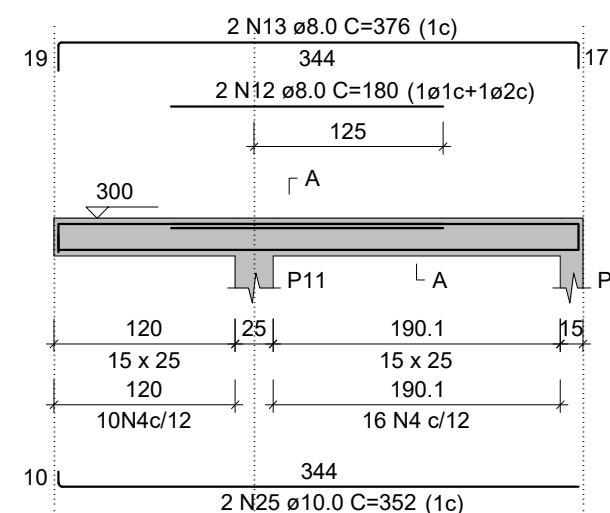
V2  
ESC 1:50



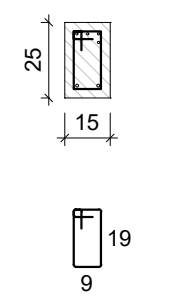
SEÇÃO A-A  
ESC 1:25



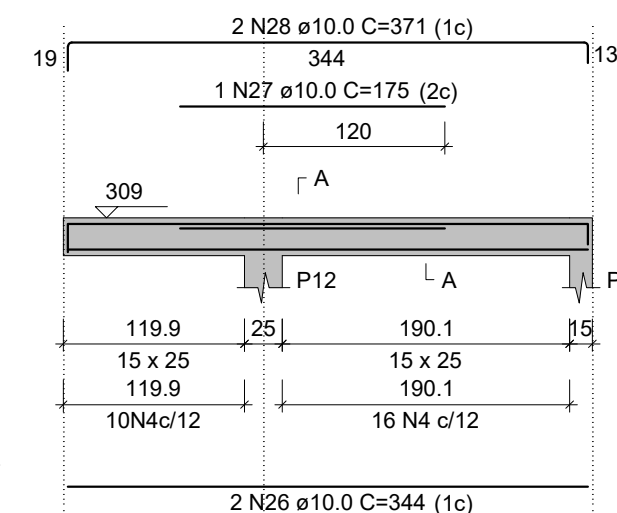
V3  
ESC 1:50



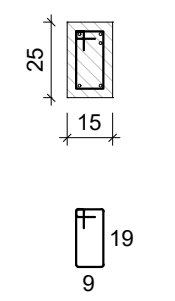
SEÇÃO A-A  
ESC 1:25



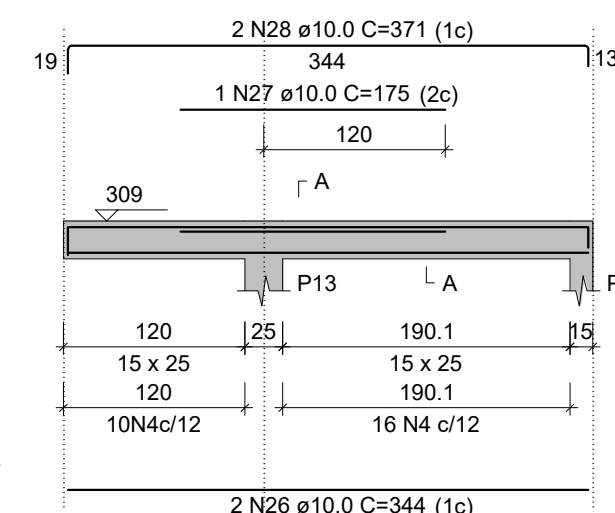
V4  
ESC 1:50



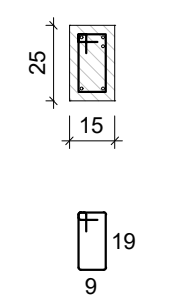
SEÇÃO A-A  
ESC 1:25



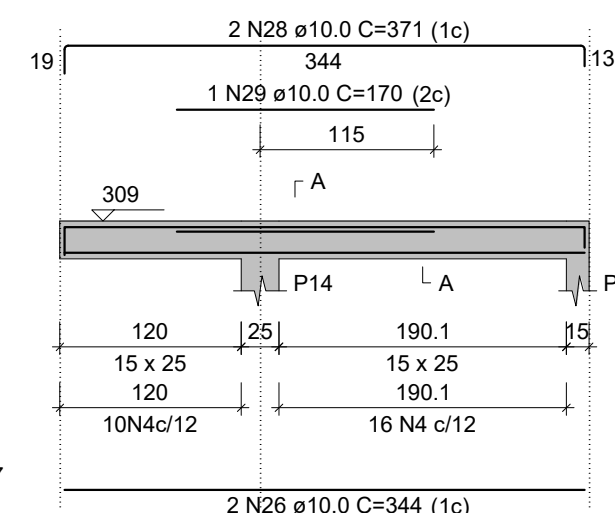
V5  
ESC 1:50



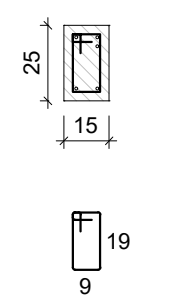
SEÇÃO A-A  
ESC 1:25



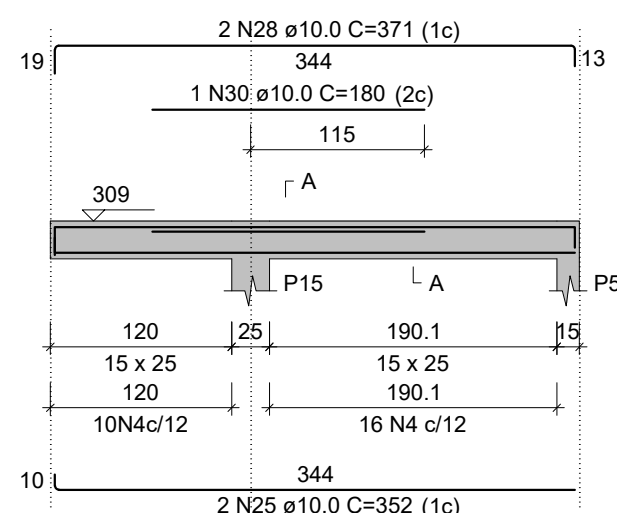
V6  
ESC 1:50



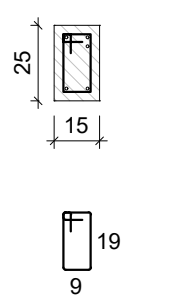
SEÇÃO A-A  
ESC 1:25



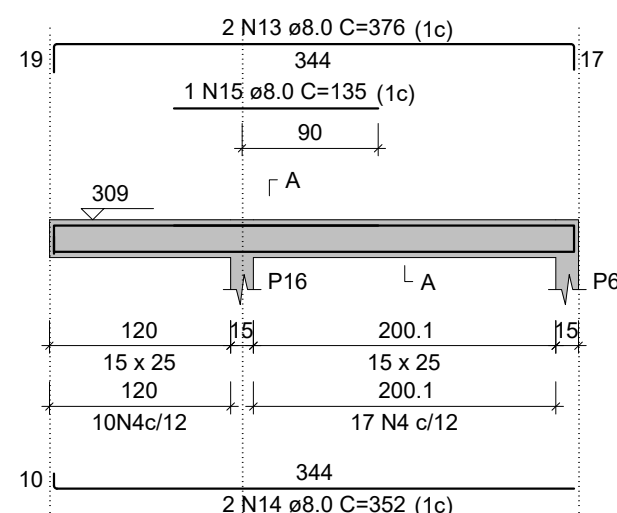
V7  
ESC 1:50



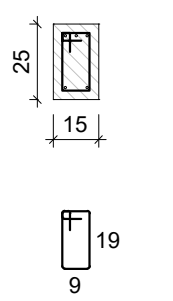
SEÇÃO A-A  
ESC 1:25



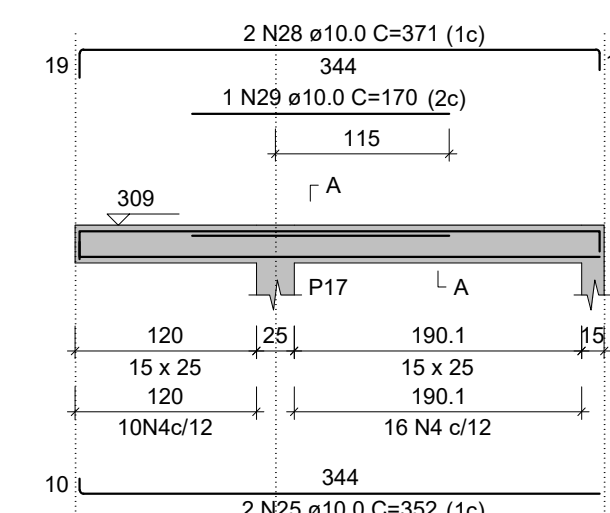
V8  
ESC 1:50



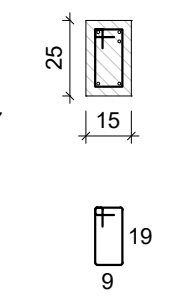
SEÇÃO A-A  
ESC 1:25



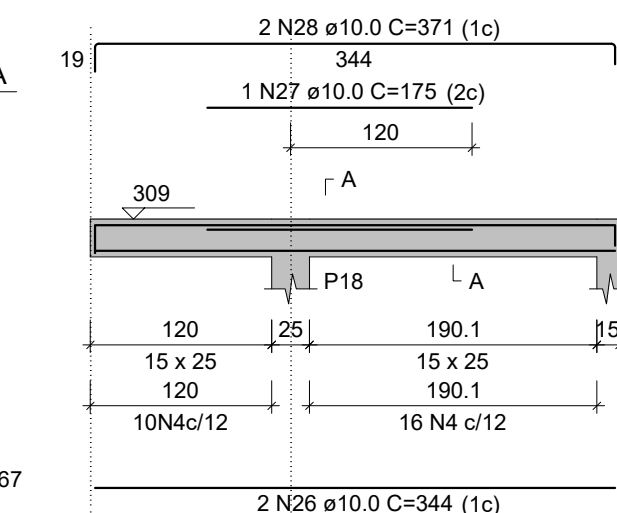
V9  
ESC 1:50



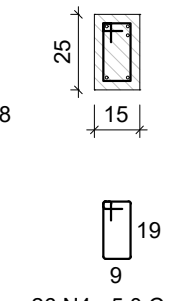
SEÇÃO A-A  
ESC 1:25



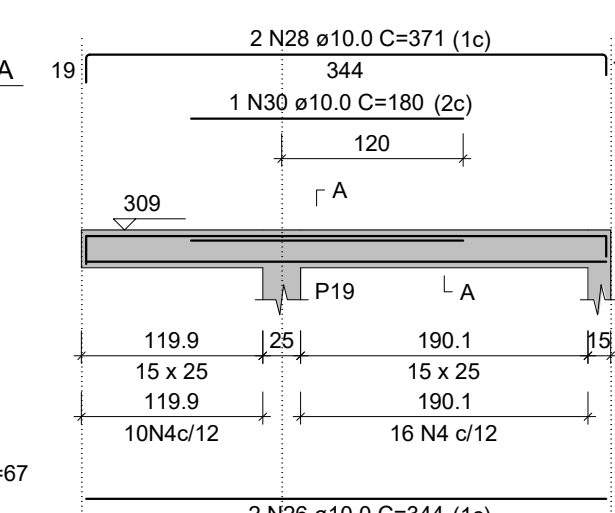
V10  
ESC 1:50



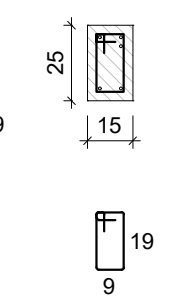
SEÇÃO A-A  
ESC 1:25



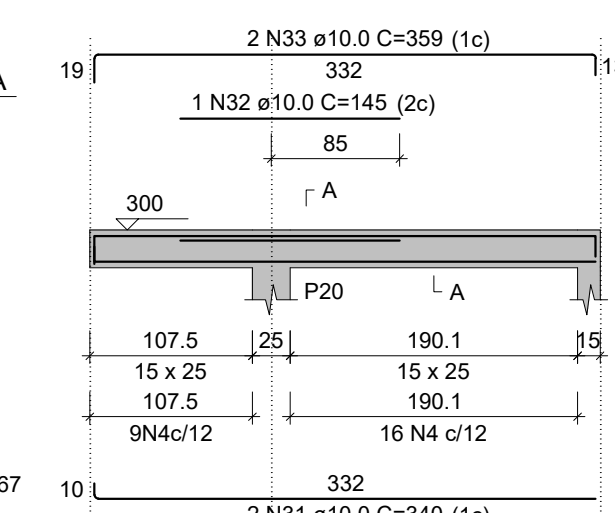
V11  
ESC 1:50



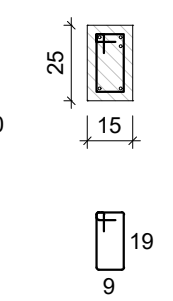
SEÇÃO A-A  
ESC 1:25



V12  
ESC 1:50



SEÇÃO A-A  
ESC 1:25



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INTERVENÇÃO:

REFORMA e AMPLIAÇÃO

ART Nº:

DIREITOS AUTORAIS RESERVADOS POR LEI.

REVISÃO

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SECRETARIA MUNICIPAL DE EDUCAÇÃO - SEMED  
RUA SÃO PEDRO Nº 128 - CENTRO - GASPAR - CEP 89110-082

Reforma e Ampliação da E.E.B Prof. Dolores Luzia dos Santos Krauss

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FRANCHA

EST 07/11

Nº DE FRANHAS: 11

DESENHISTA: ALLAN BELLAFRONTI BETONI

DATA: 19/01/2022