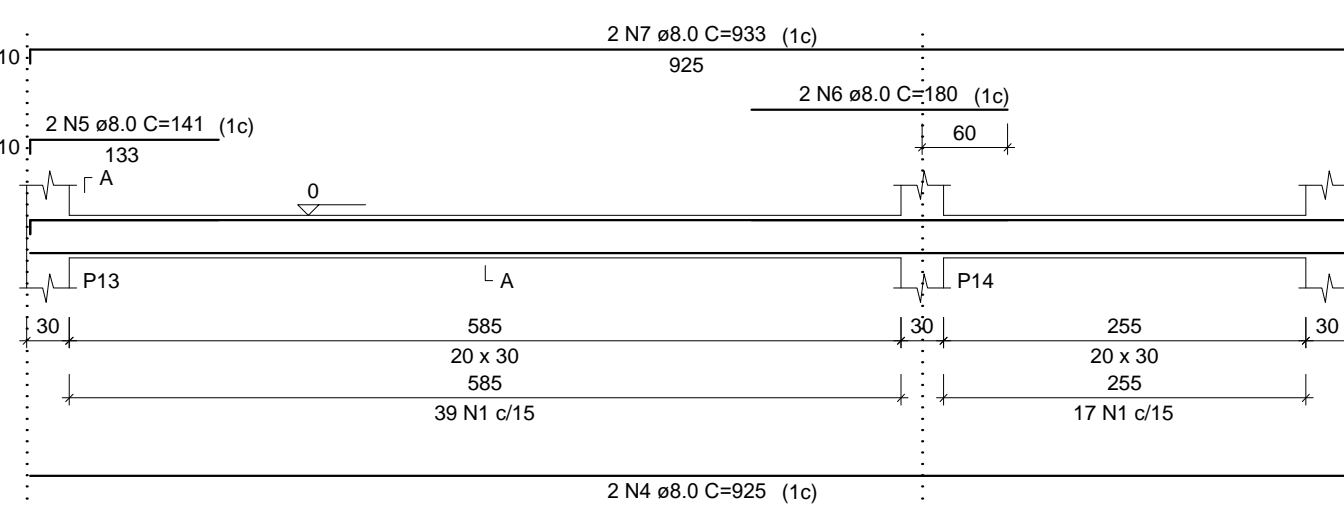
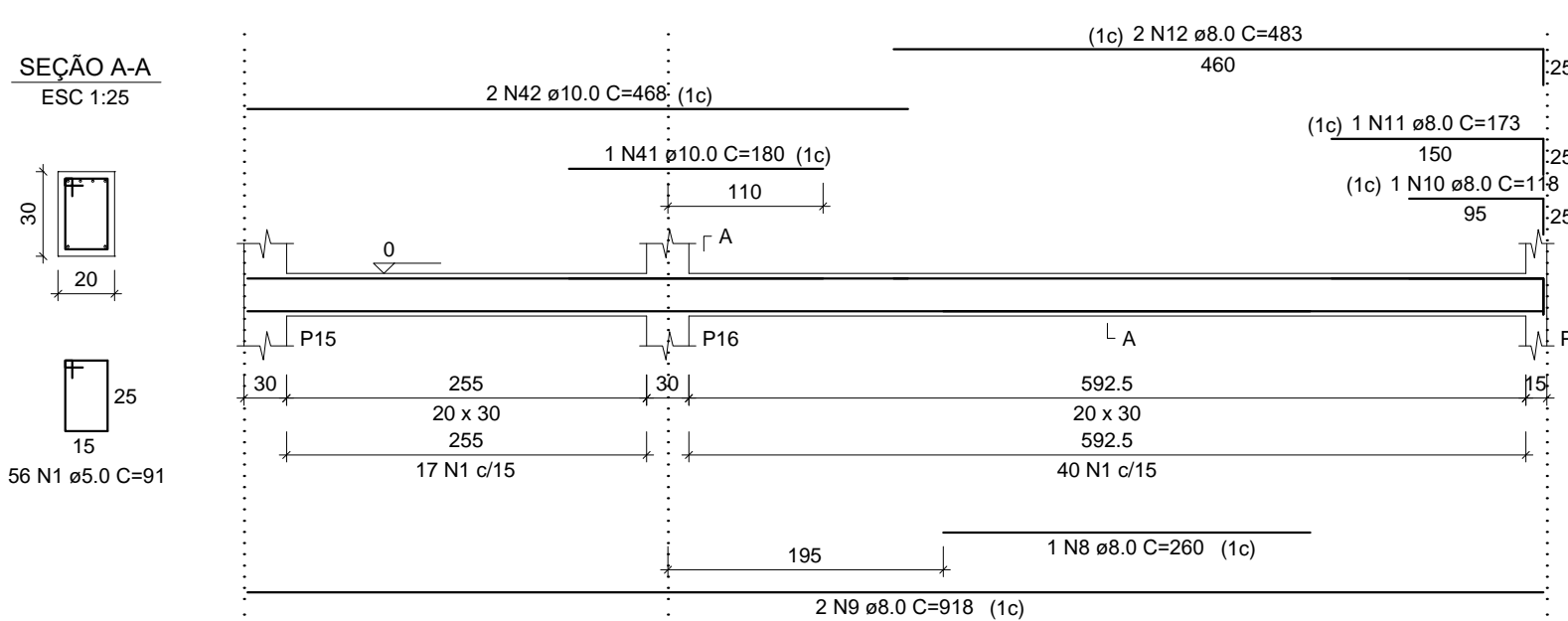
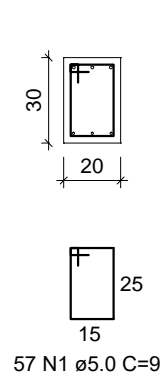
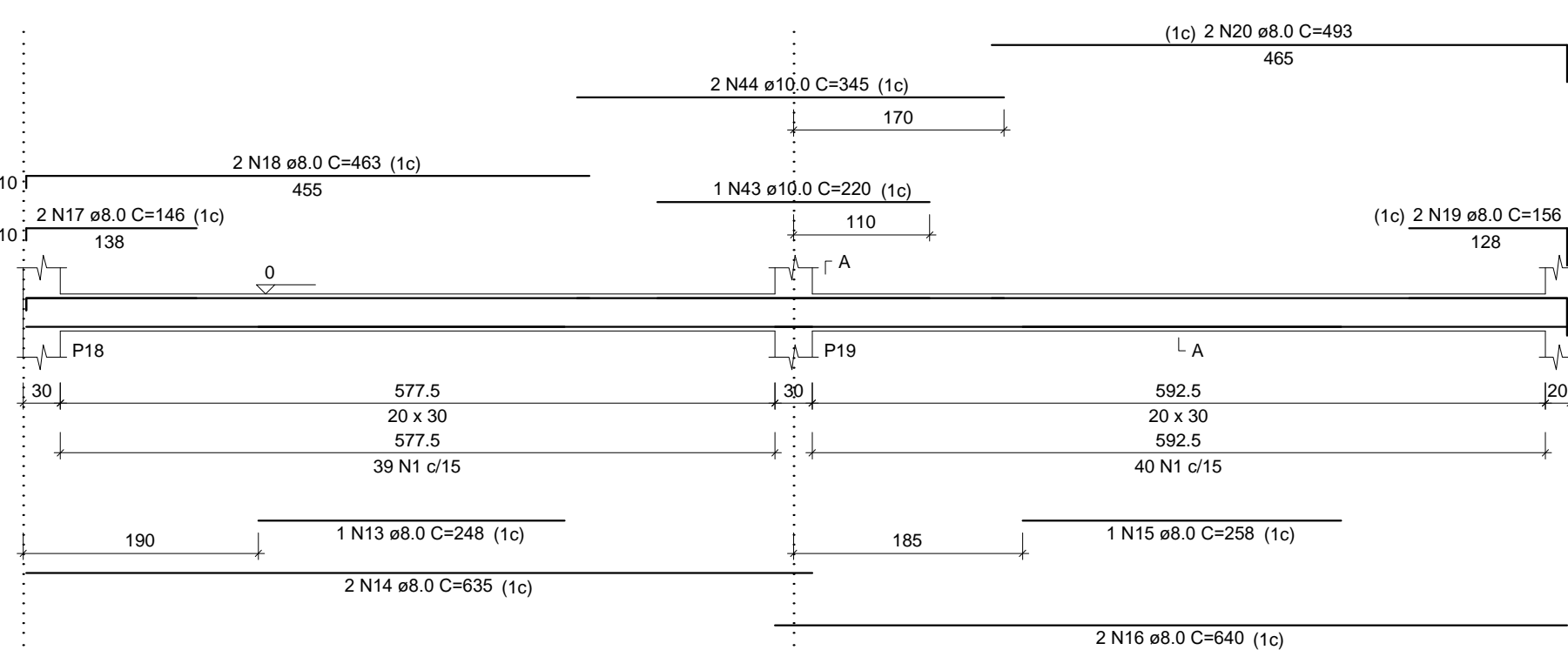
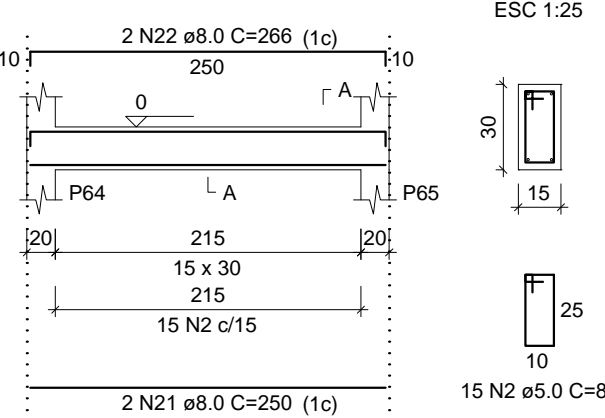
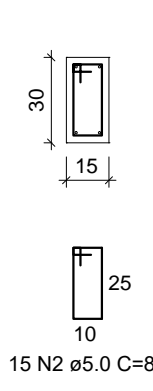
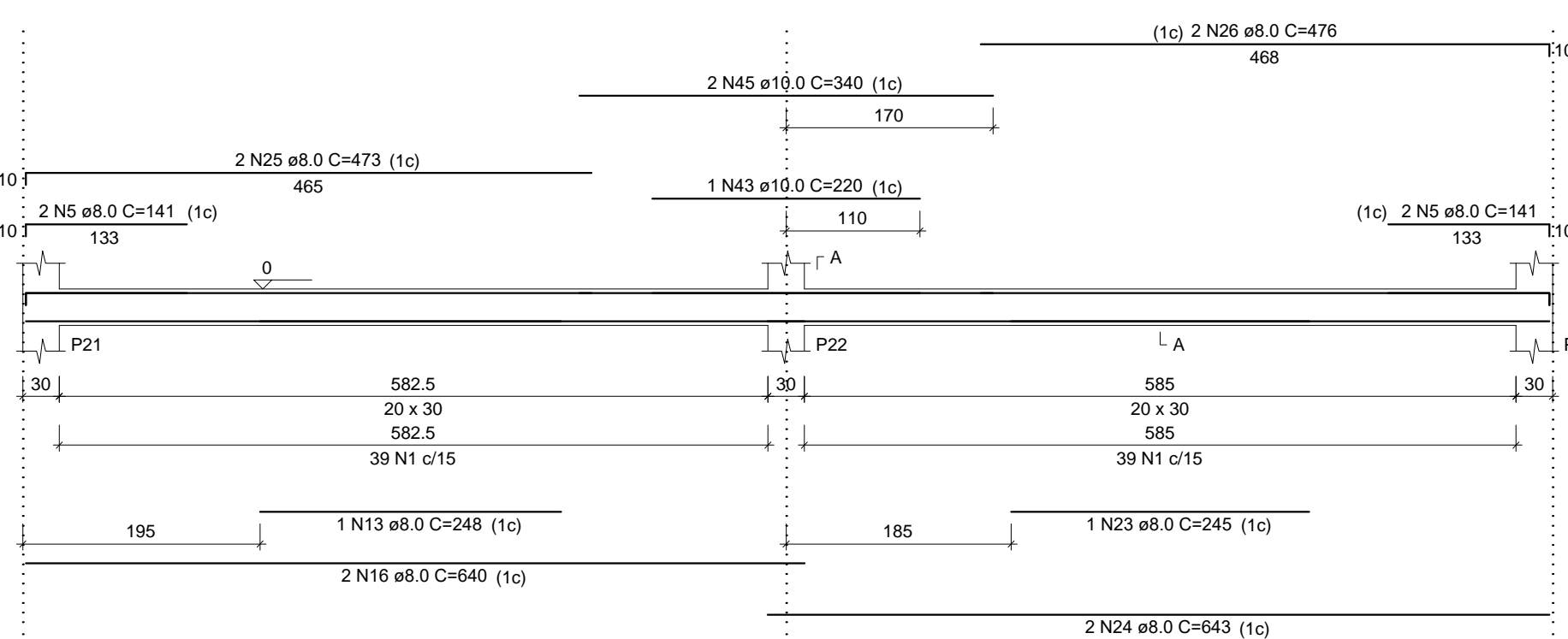
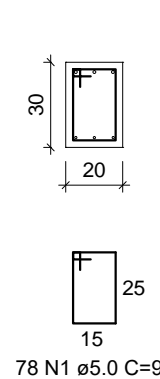
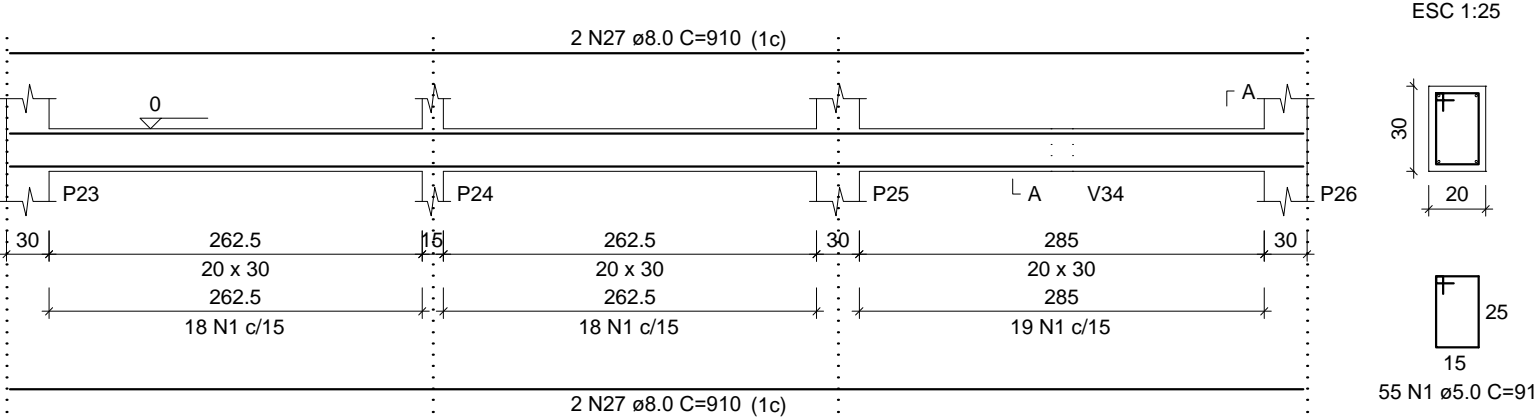
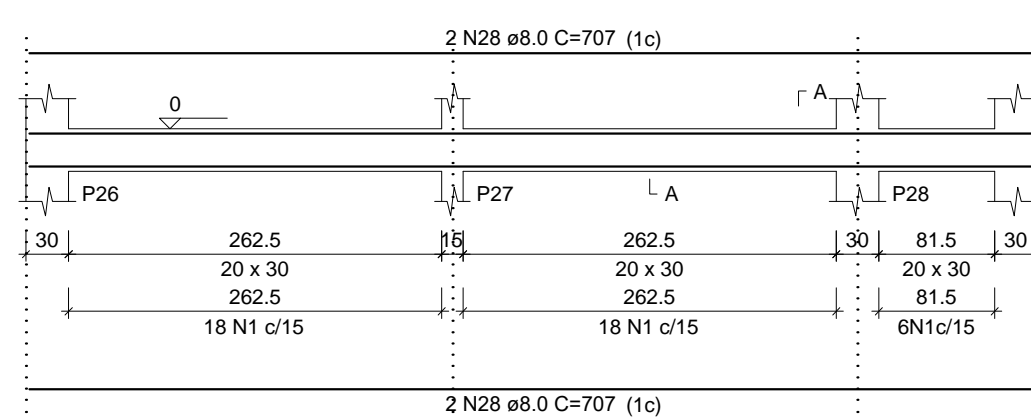
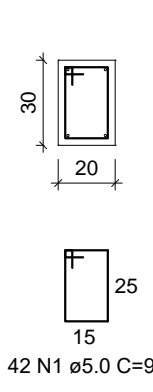
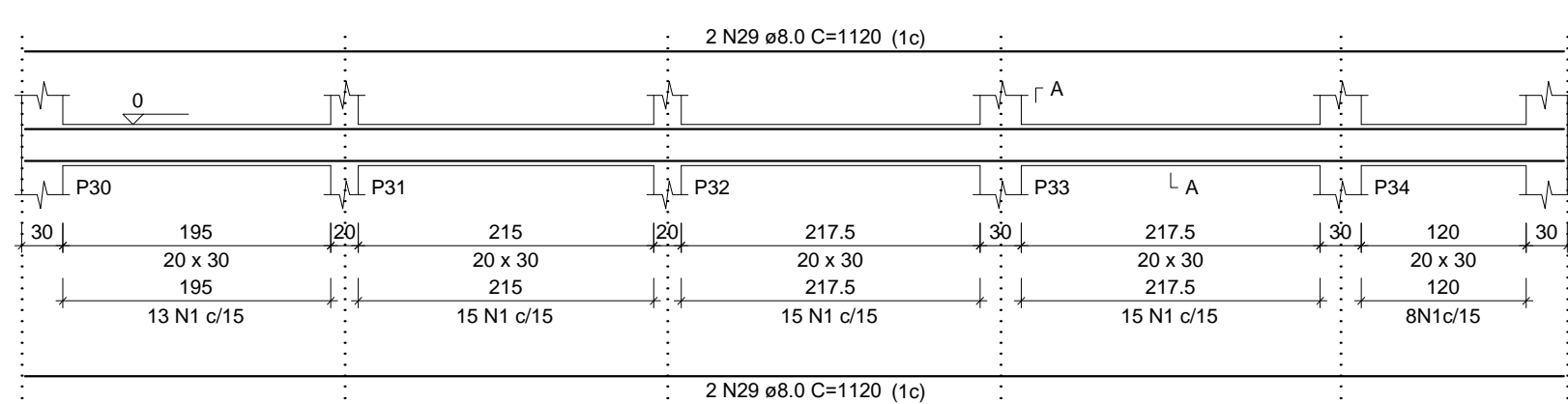
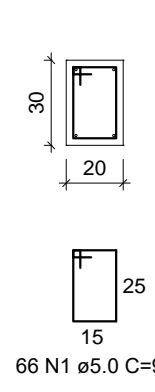
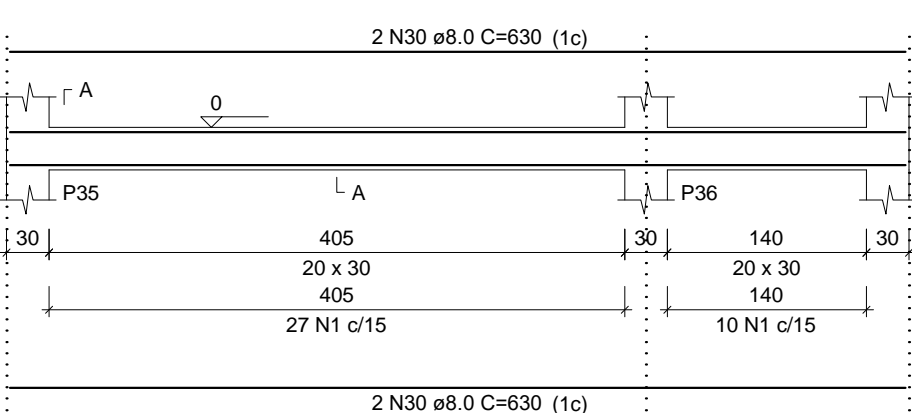
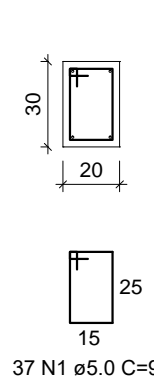
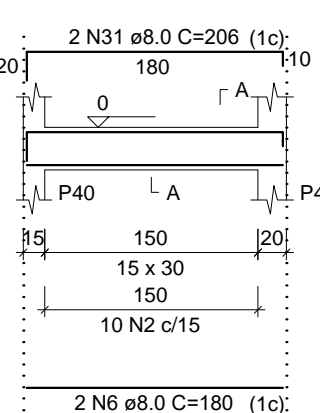
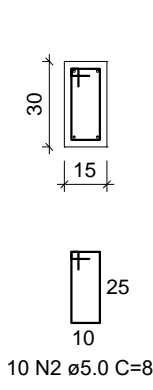
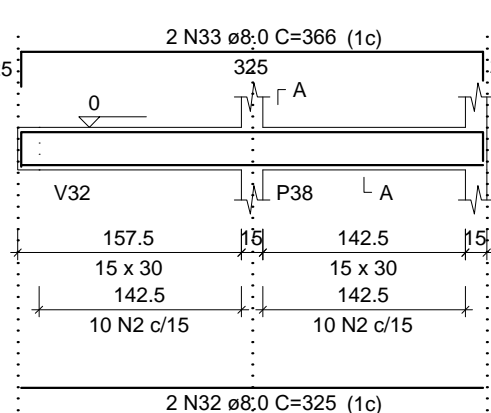
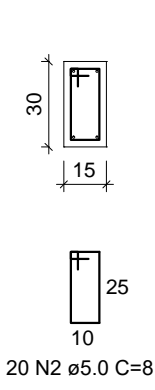
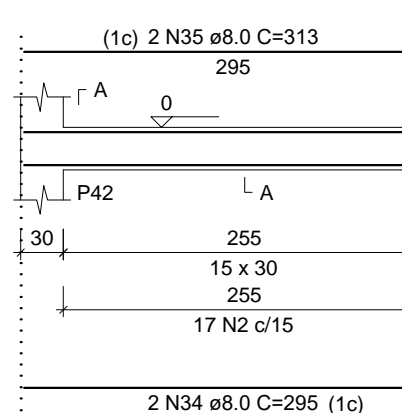
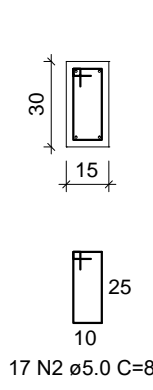
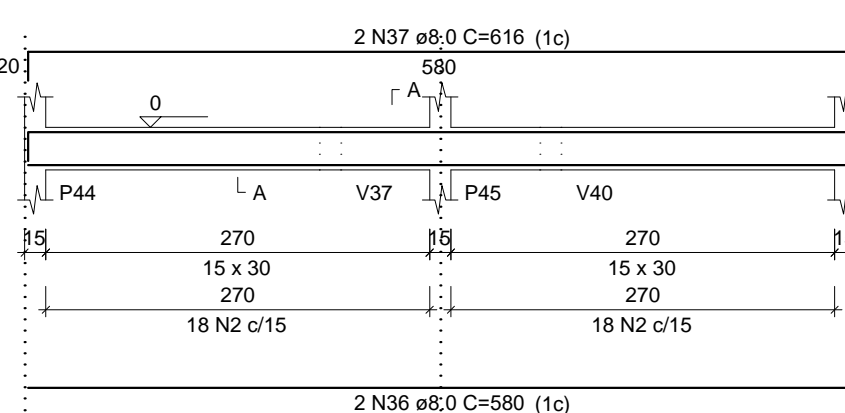
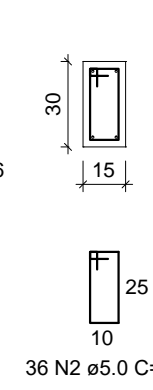
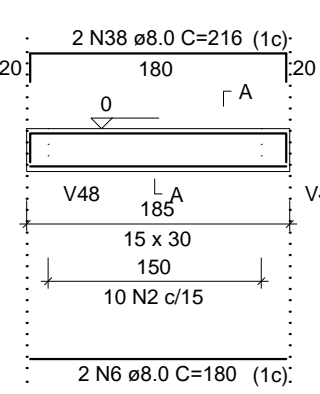
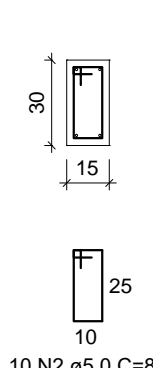
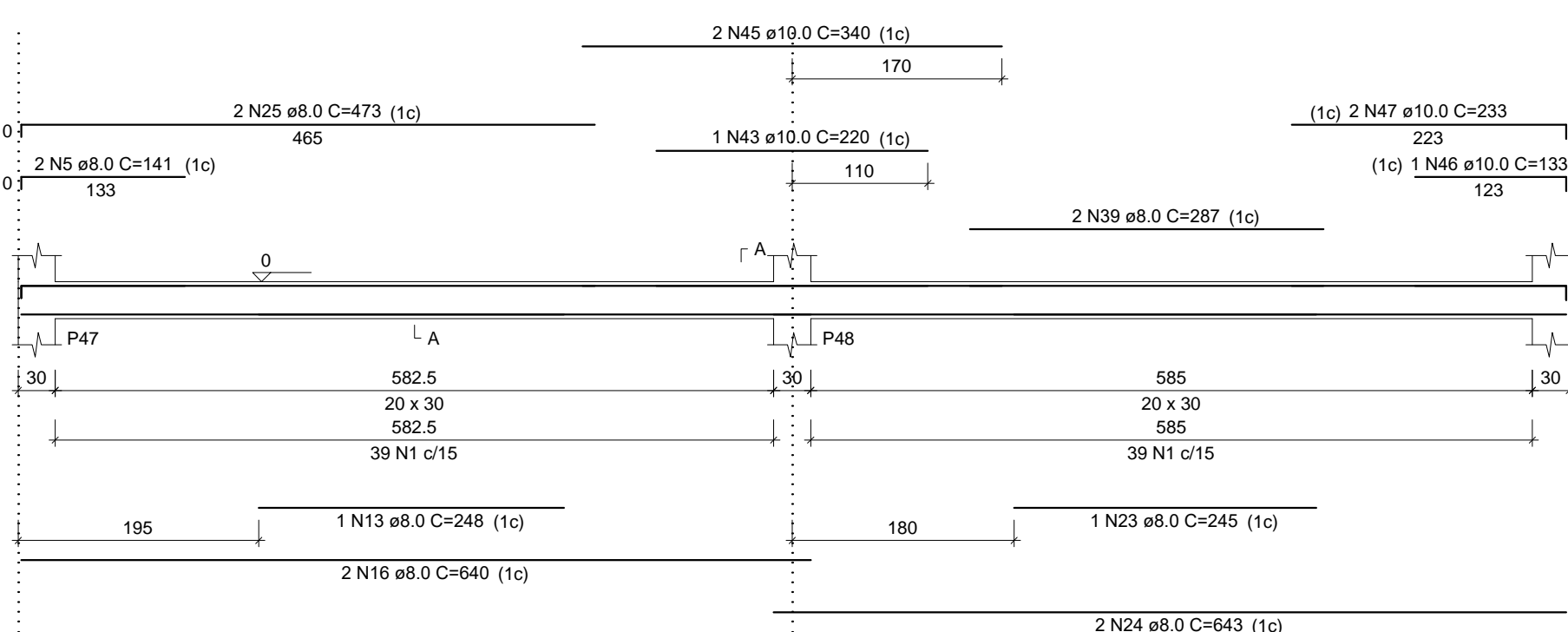
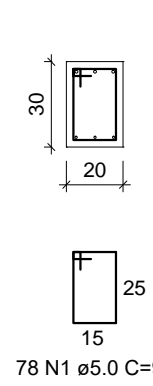
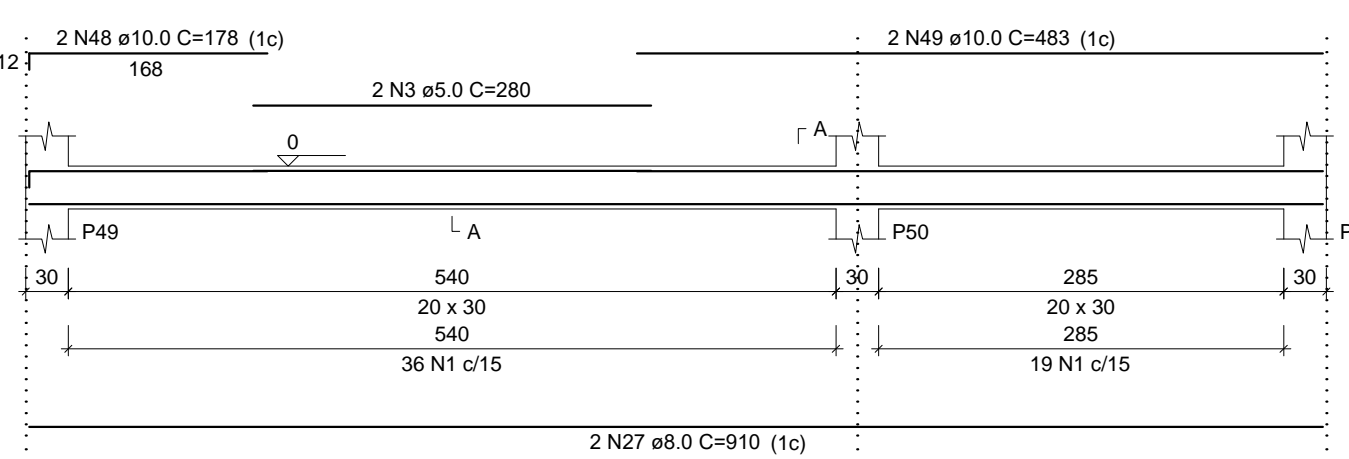
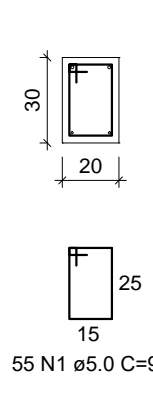
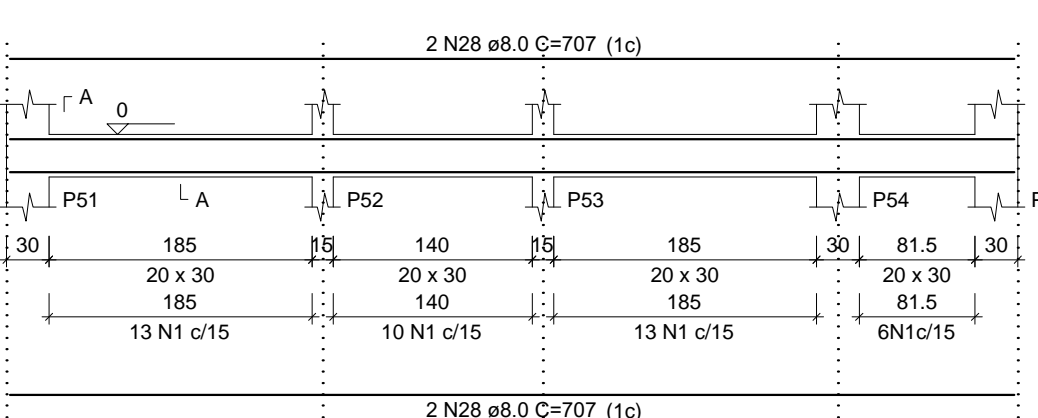
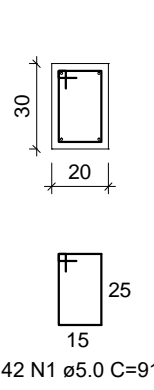
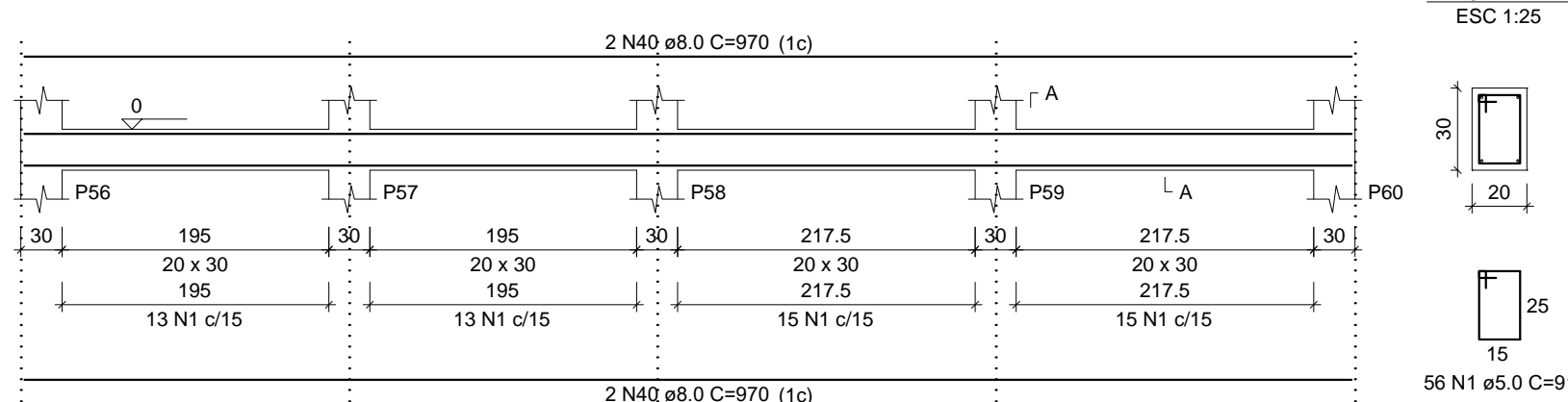
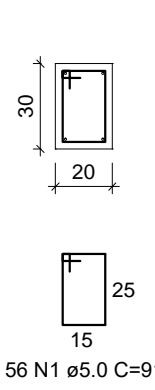


V6  
ESC 1:50V7  
ESC 1:50SEÇÃO A-A  
ESC 1:25V8  
ESC 1:50V9  
ESC 1:50SEÇÃO A-A  
ESC 1:25V10  
ESC 1:50SEÇÃO A-A  
ESC 1:25V11  
ESC 1:50V12  
ESC 1:50SEÇÃO A-A  
ESC 1:25V13  
ESC 1:50SEÇÃO A-A  
ESC 1:25V14  
ESC 1:50SEÇÃO A-A  
ESC 1:25V15  
ESC 1:50SEÇÃO A-A  
ESC 1:25V16  
ESC 1:50SEÇÃO A-A  
ESC 1:25V17  
ESC 1:50SEÇÃO A-A  
ESC 1:25V18  
ESC 1:50SEÇÃO A-A  
ESC 1:25V19  
ESC 1:50SEÇÃO A-A  
ESC 1:25V20  
ESC 1:50SEÇÃO A-A  
ESC 1:25V21  
ESC 1:50SEÇÃO A-A  
ESC 1:25V22  
ESC 1:50SEÇÃO A-A  
ESC 1:25V23  
ESC 1:50SEÇÃO A-A  
ESC 1:25

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	701	91	63791
CA50	2	5.0	108	81	8748
	3	5.0	2	280	560
	4	8.0	2	925	1850
	5	8.0	8	141	1128
	6	8.0	1	180	1080
	7	8.0	2	933	1866
	8	8.0	2	260	260
	9	8.0	2	918	1836
	10	8.0	1	118	118
	11	8.0	1	173	173
	12	8.0	2	483	966
	13	8.0	3	248	744
	14	8.0	2	635	1270
	15	8.0	1	258	258
	16	8.0	6	640	3840
	17	8.0	2	146	292
	18	8.0	2	463	926
	19	8.0	2	156	312
	20	8.0	2	493	986
	21	8.0	2	250	500
	22	8.0	2	266	532
	23	8.0	2	245	490
	24	8.0	4	643	2572
	25	8.0	4	473	1892
	26	8.0	2	476	952
	27	8.0	6	910	5460
	28	8.0	8	707	5656
	29	8.0	4	1120	4480
	30	8.0	4	630	2520
	31	8.0	2	206	412
	32	8.0	2	325	650
	33	8.0	2	368	736
	34	8.0	2	295	590
	35	8.0	2	313	626
	36	8.0	2	580	1160
	37	8.0	2	616	1232
	38	8.0	2	216	432
	39	8.0	2	287	574
	40	8.0	4	970	3880
	41	10.0	1	180	180
	42	10.0	2	468	936
	43	10.0	3	220	660
	44	10.0	2	345	690
	45	10.0	4	340	1360
	46	10.0	1	133	133
	47	10.0	2	233	466
	48	10.0	2	178	356
	49	10.0	2	483	966

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	532.5	231.1
CA60	10.0	57.5	39
	5.0	731	123.9
PESO TOTAL (kg)			
CA50		270.1	
CA60		123.9	

Volume de concreto (C-25) = 7.79 m³

Área de forma = 106.64 m²

PREFEITURA MUNICIPAL  
DE GRÃO MOGOL/MG

OBRA/SERVIÇO:  
CONSTRUÇÃO - ESCOLA MUNICIPAL AFRÂNIO AUGUSTO FIGUEIREDO (ANEXO I)

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE GRÃO MOGOL/MG

DIEGO ANTÔNIO BRAGA FAGUNDES  
PREFEITO MUNICIPAL

ENDEREÇO: RUA PRINCIPAL S/N - DISTRITO DE BARROCO - GRÃO MOGOL/MG

PROJETO: PROJETO ESTRUTURAL

RESPONSÁVEL TÉCNICO: RODRIGO ROCHA RIBEIRO  
ENGº CIVIL - CREA/MG: 221910/D

ÁREAS:  
ÁREA TERRENO: 4.741,96m²  
ÁREA TOTAL CONSTRUÇÃO: 507,24m²

NÚMERO ART: MG 2022 150 2900

NÚMERO CONTRATO:

DATA: SETEMBRO/2022

ESCALA: INDICADA