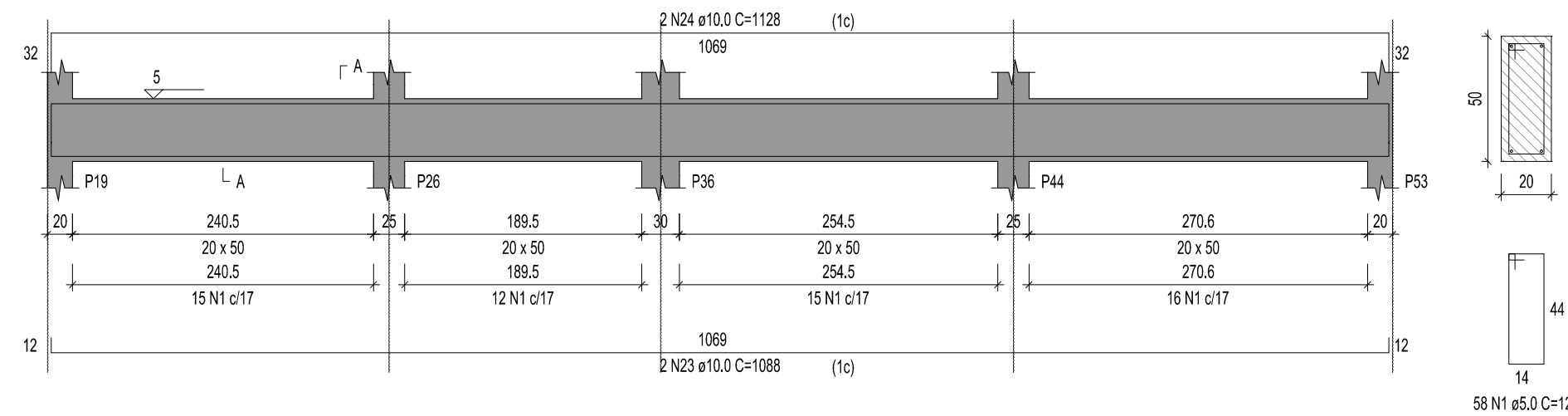


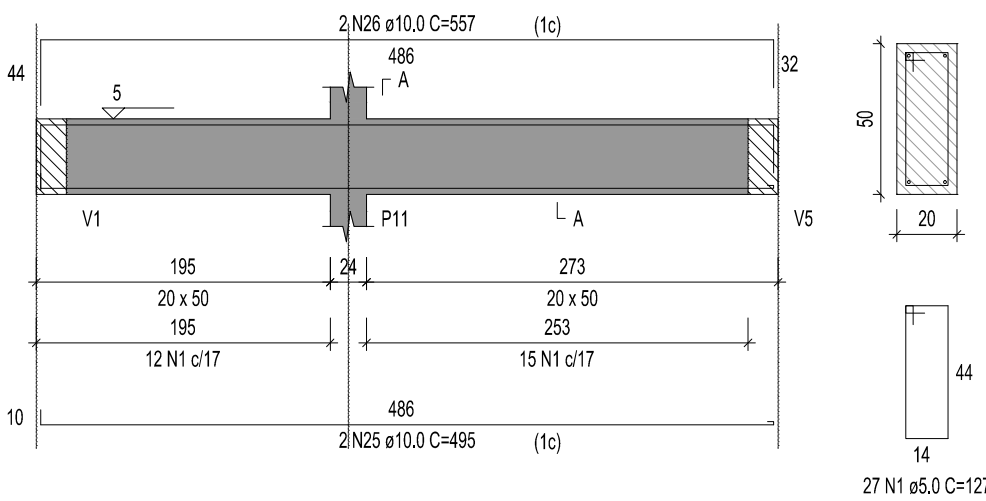
V18

ESC 1:50



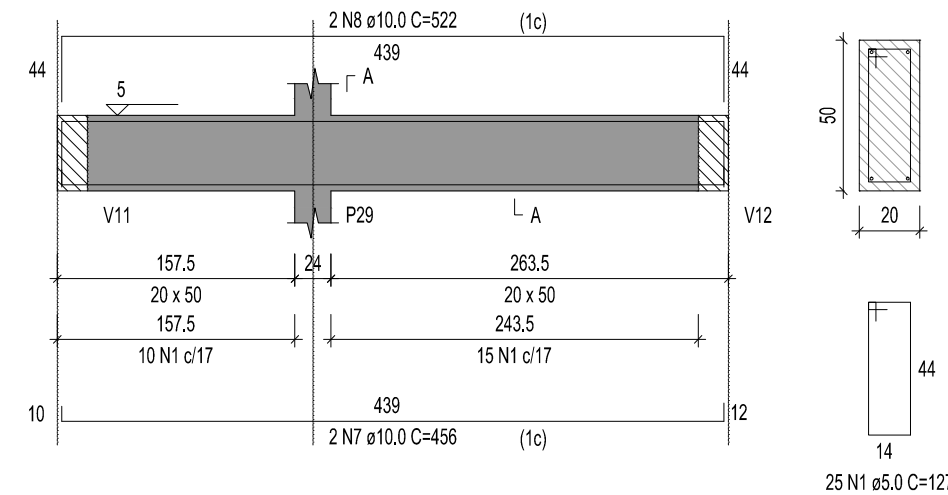
V19

ESC 1:50



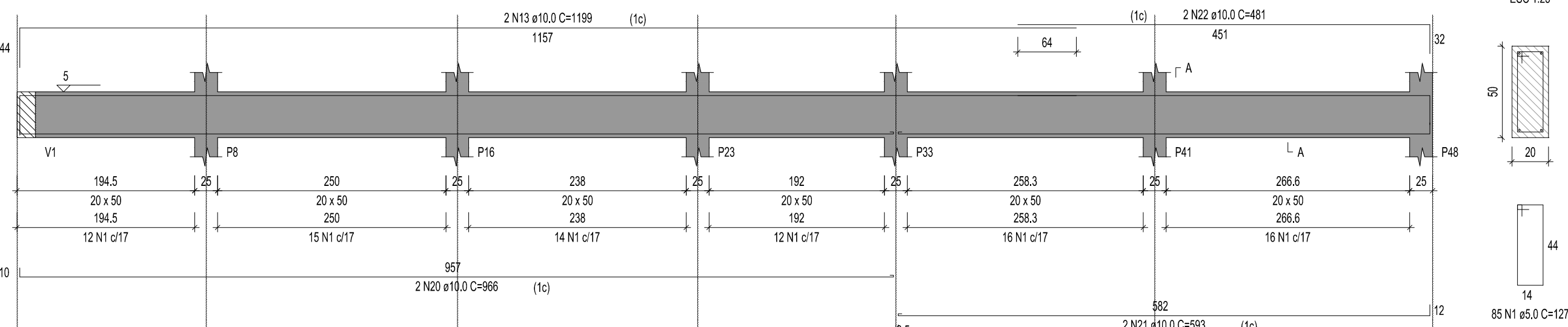
V6

ESC 1:50



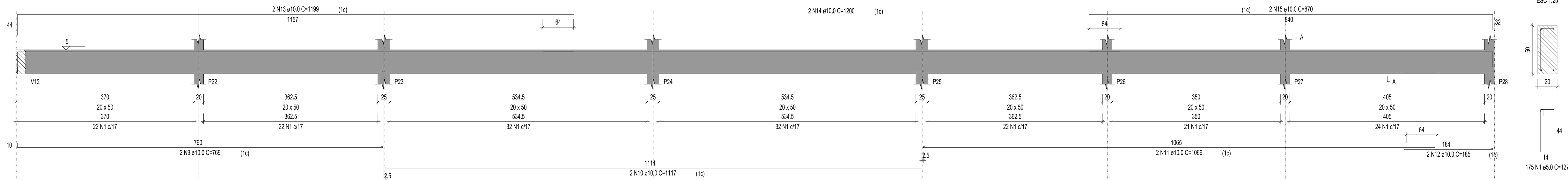
V15

ESC 1:50



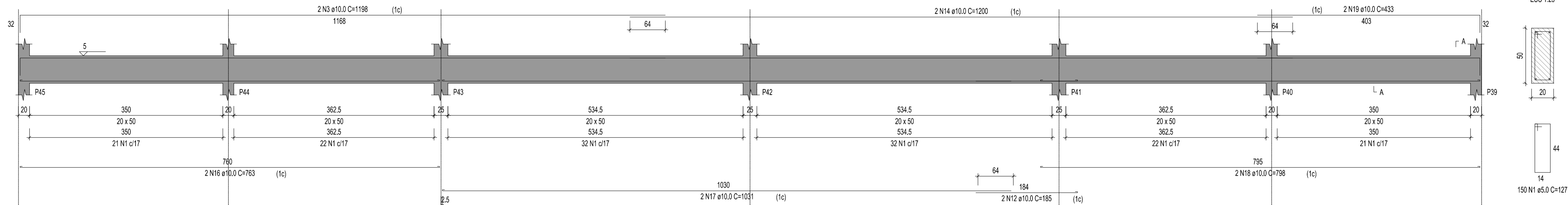
V7

ESC 1:50



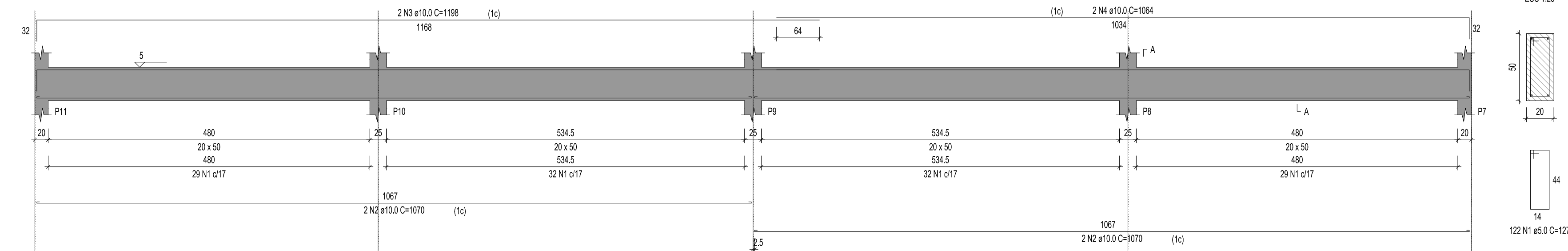
V9

ESC 1:50



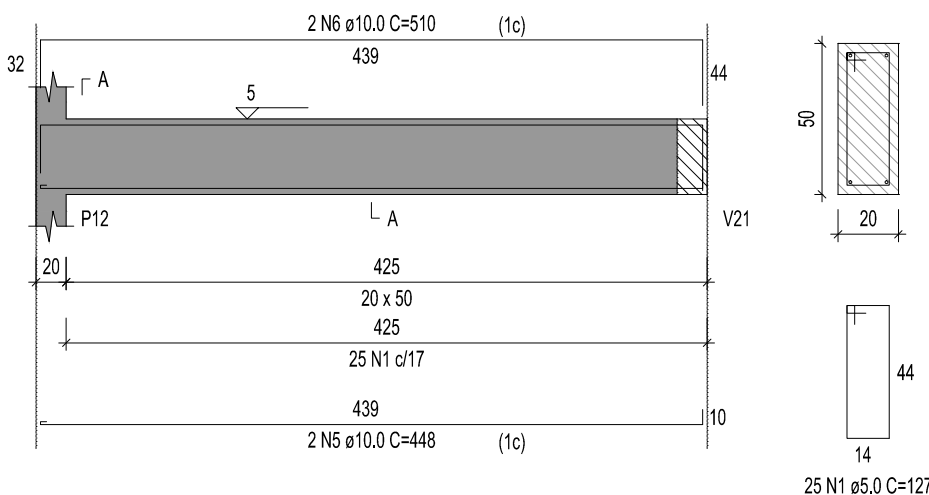
V3

ESC 1:50



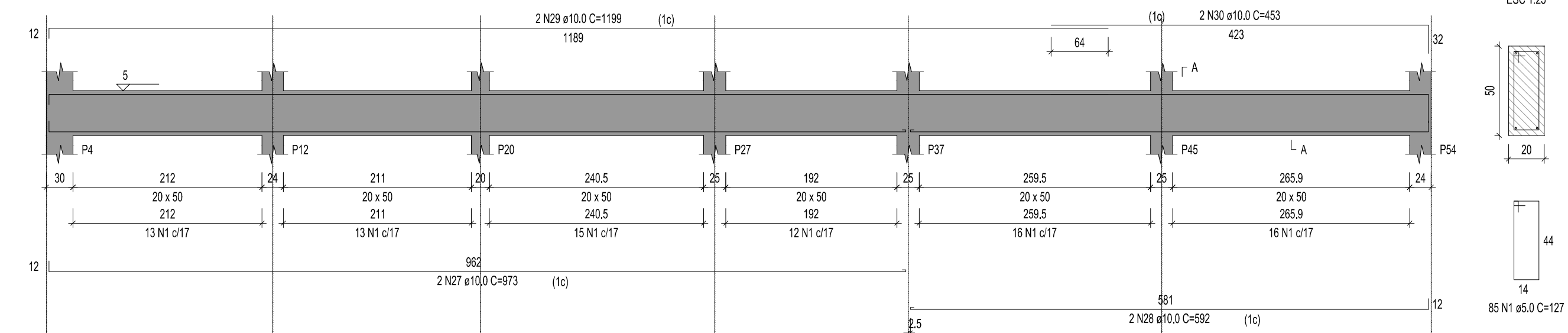
V4

ESC 1:50



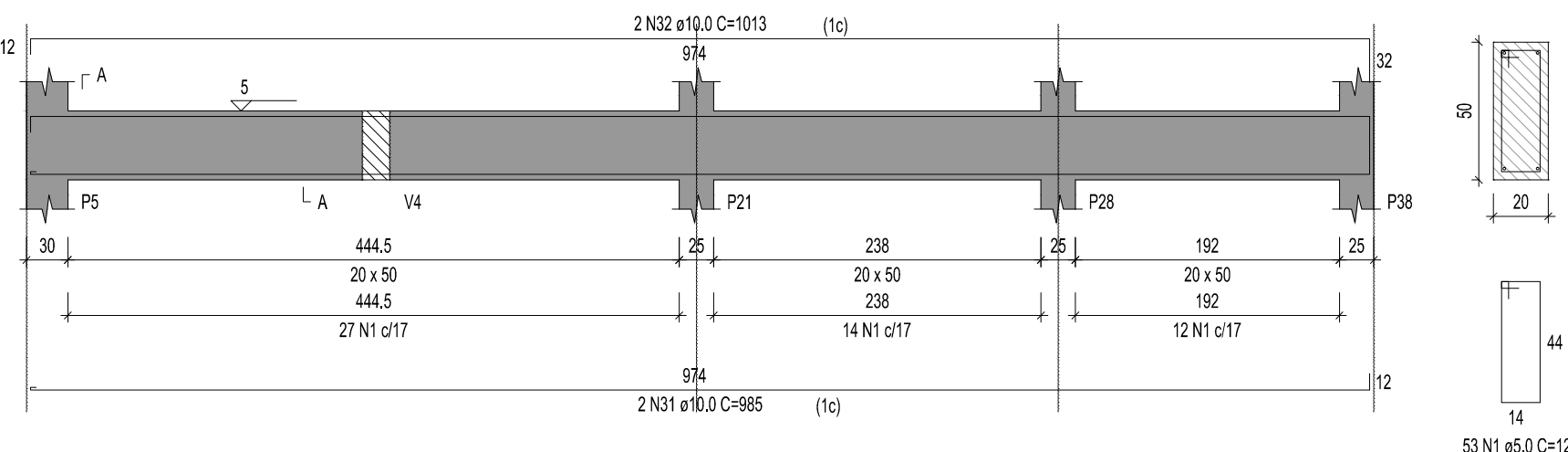
V20

ESC 1:50



V21

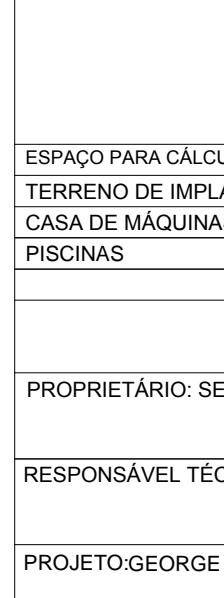
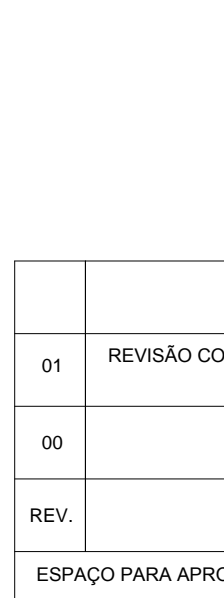
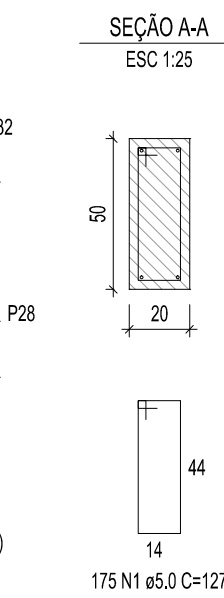
ESC 1:50



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA90	1	5.0	805	127	102235
CA50	2	10.0	4	1070	4280
	3	10.0	4	1198	4792
	4	10.0	2	1064	2128
	5	10.0	2	448	896
	6	10.0	2	510	1020
	7	10.0	2	456	912
	8	10.0	2	522	1044
	9	10.0	2	769	1538
	10	10.0	2	1117	2234
	11	10.0	2	1086	2132
	12	10.0	4	185	740
	13	10.0	4	1199	4796
	14	10.0	4	1200	4800
	15	10.0	2	870	1740
	16	10.0	2	763	1526
	17	10.0	2	1031	2062
	18	10.0	2	788	1586
	19	10.0	2	433	866
	20	10.0	2	966	1932
	21	10.0	2	593	1186
	22	10.0	2	491	982
	23	10.0	2	1088	2176
	24	10.0	2	1128	2256
	25	10.0	2	495	990
	26	10.0	2	557	1114
	27	10.0	2	973	1946
	28	10.0	2	552	1104
	29	10.0	2	1199	2398
	30	10.0	2	453	906
	31	10.0	2	985	1970
	32	10.0	2	1013	2026

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	601.5	407.9
CA90	5.0	1022.4	173.3
PESO TOTAL (kg)			
CA50	407.9		
CA90	173.3		

Volume de concreto (C-30) = 14.41 m³
Área de forma = 172.88 m²



PROJETO DE FUNDAÇÃO			
OBRA: CONSTRUÇÃO DO PARQUE AQUÁTICO SESC ANANINDEUA			
ENDEREÇO DO EMPREENDIMENTO: AV. HÉLIO GUEIROS, COQUEIRO, Nº 110 ANANINDEUA - PA			
DESENHO: MATEUS SOTERO			
CLIENTE: SESC			
SERVIÇO SOCIAL DO COMÉRCIO DEPARTAMENTO REGIONAL DO ESTADO DO PARÁ			
IDENTIFICAÇÃO DO PROJETO: ARMAÇÃO DAS VIGAS BALDRAME DO VESTIÁRIO		Nº DA PRANCHA: EST-09/22	
CODIFICAÇÃO DO ARQUIVO: 01.FUN-2018.10		ESCALA: INDICADA	
ESTE PROJETO NÃO PODERÁ SOFRER ALTERAÇÕES SEM ORDENS EXPRESSAS DO AUTOR.			