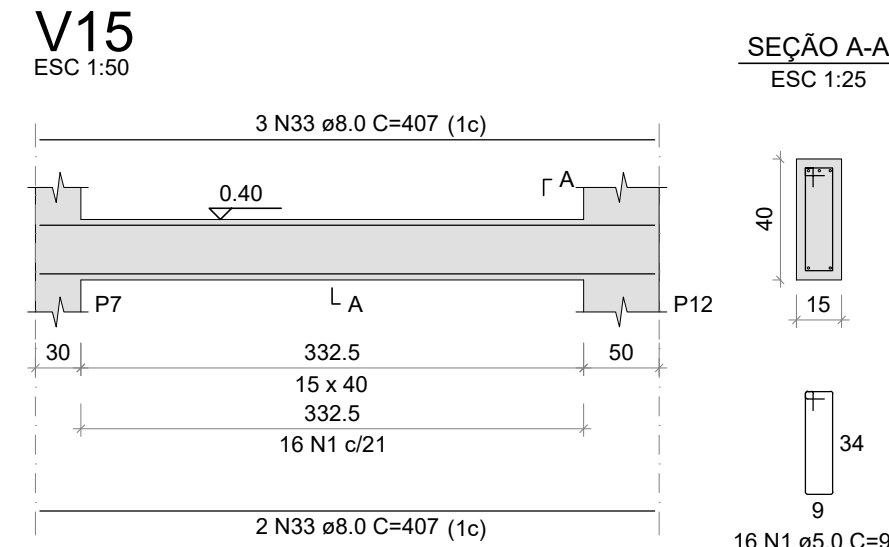
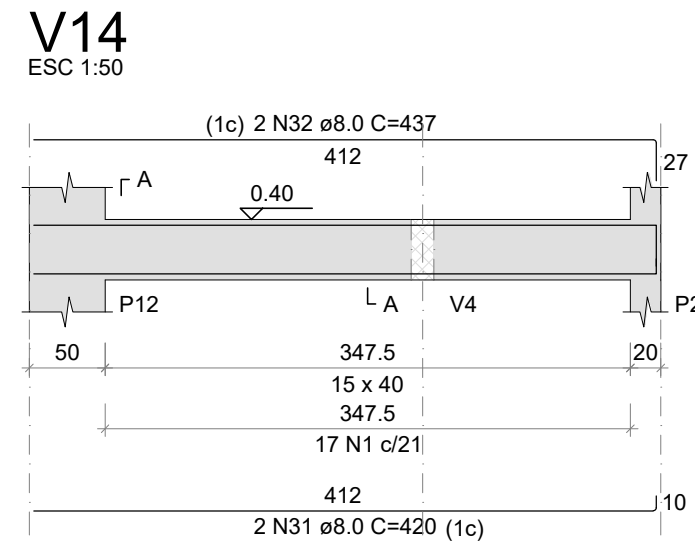
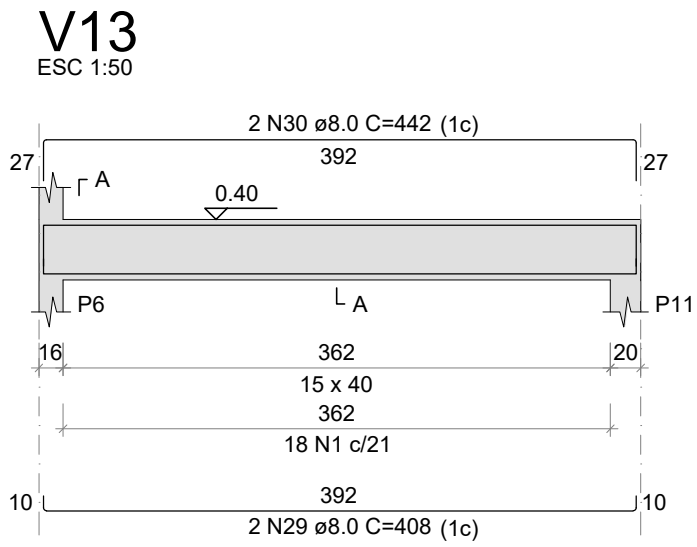
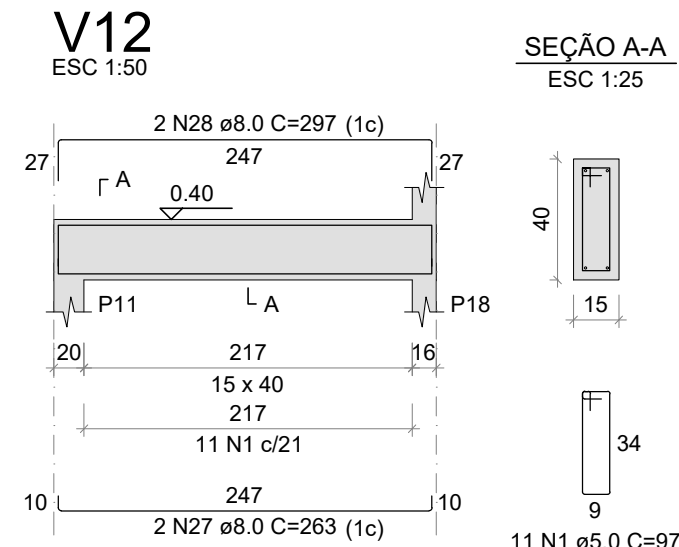
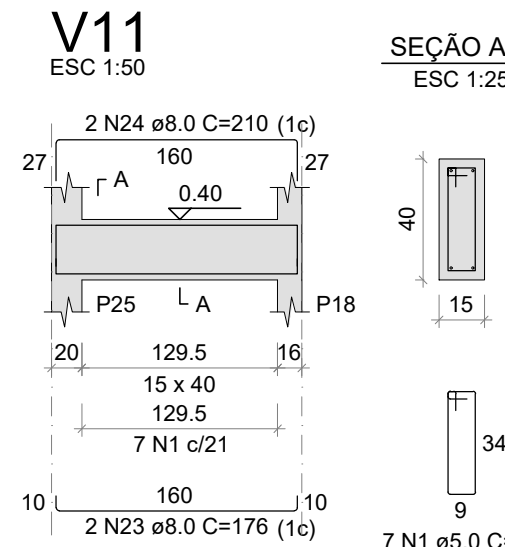
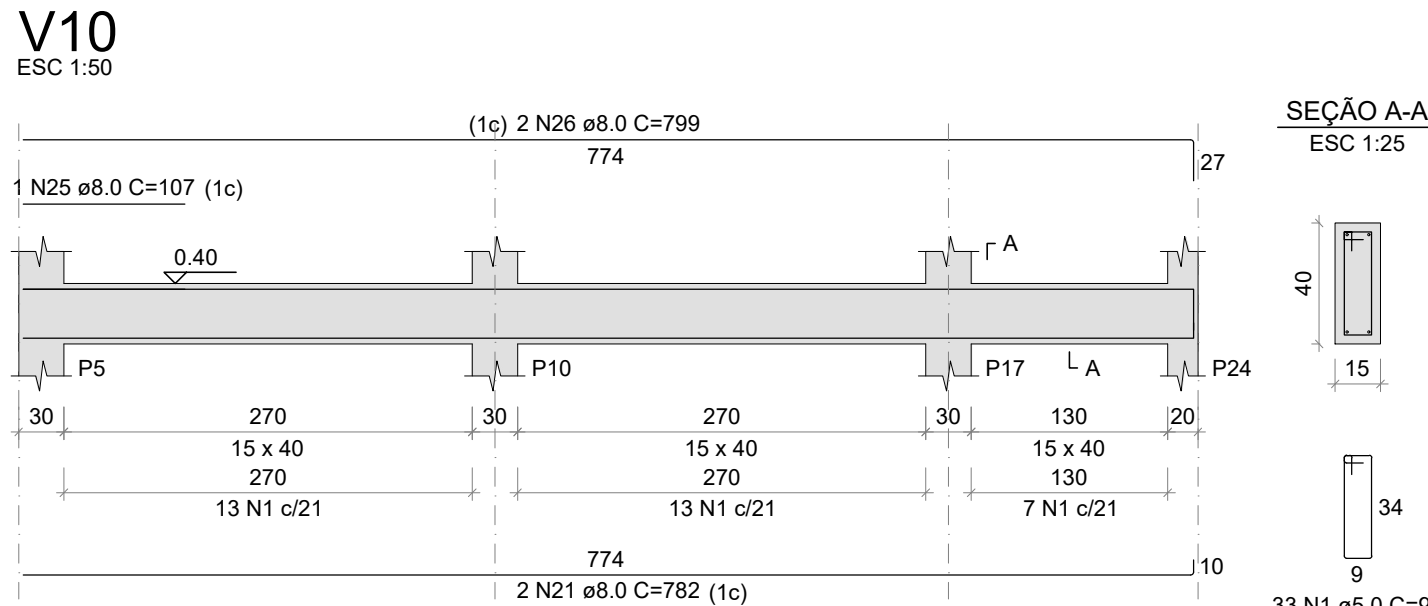
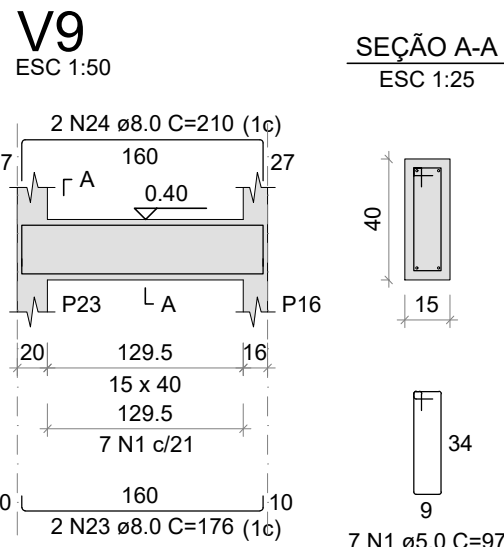
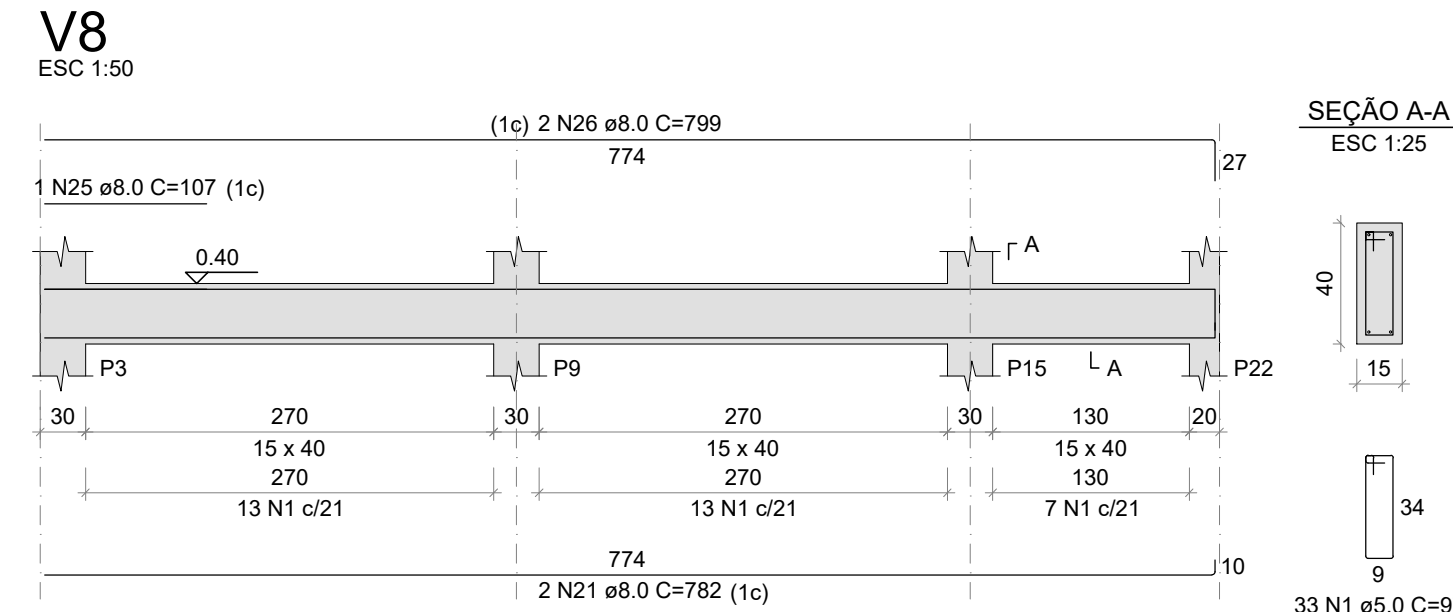
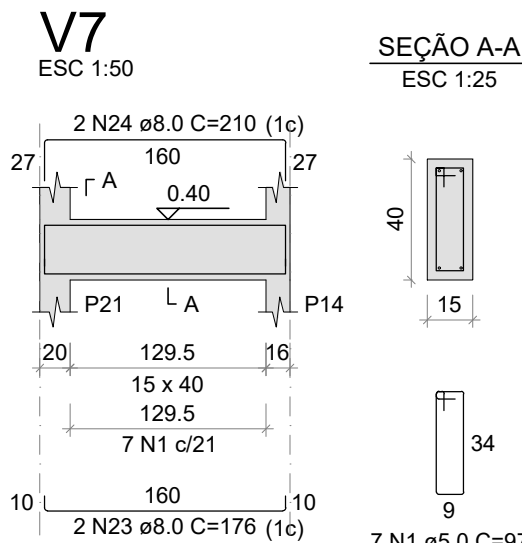
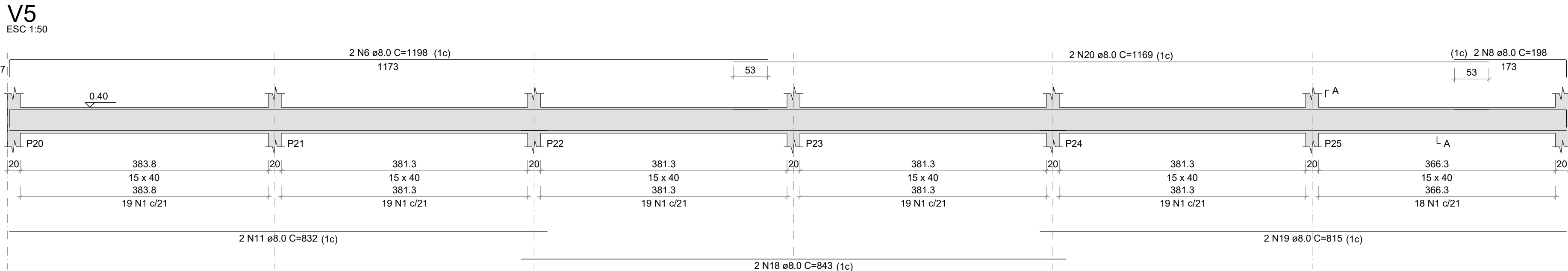
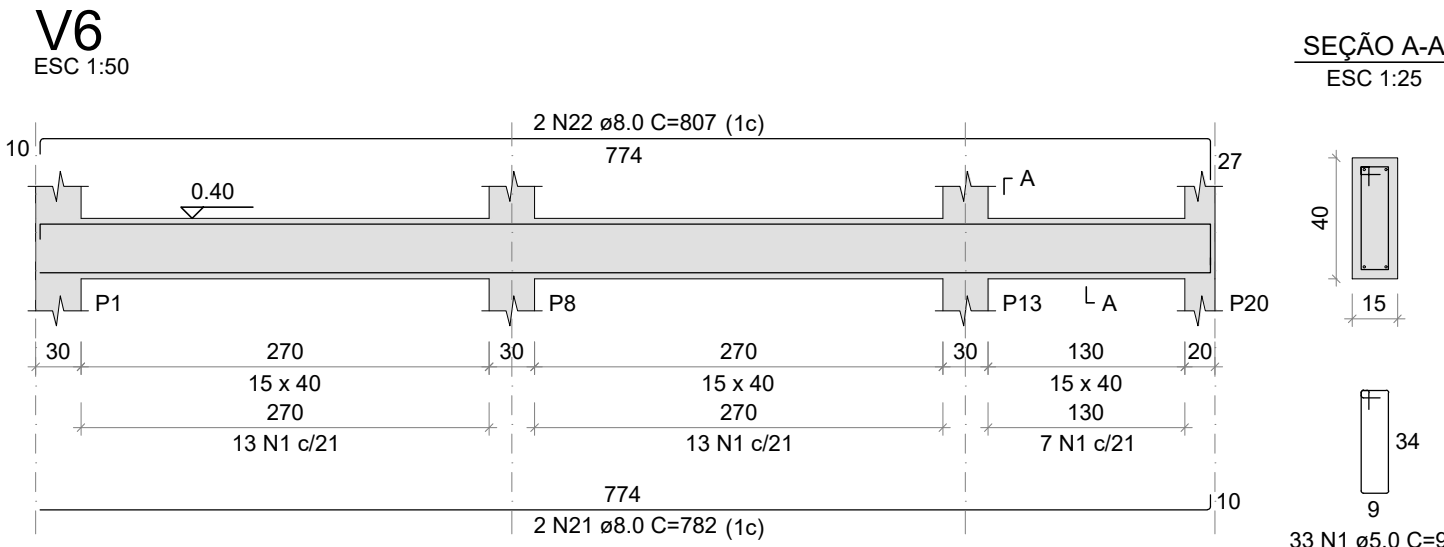
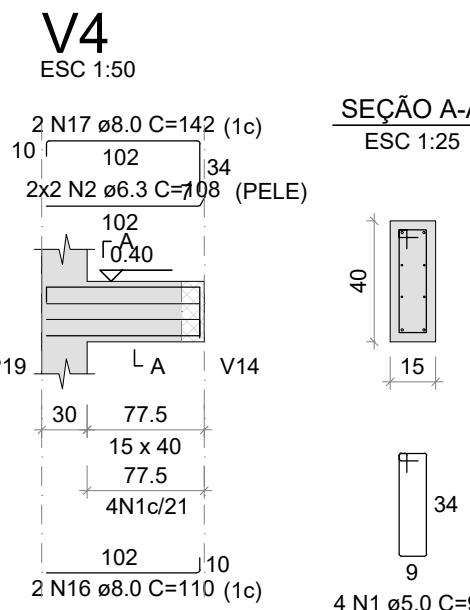
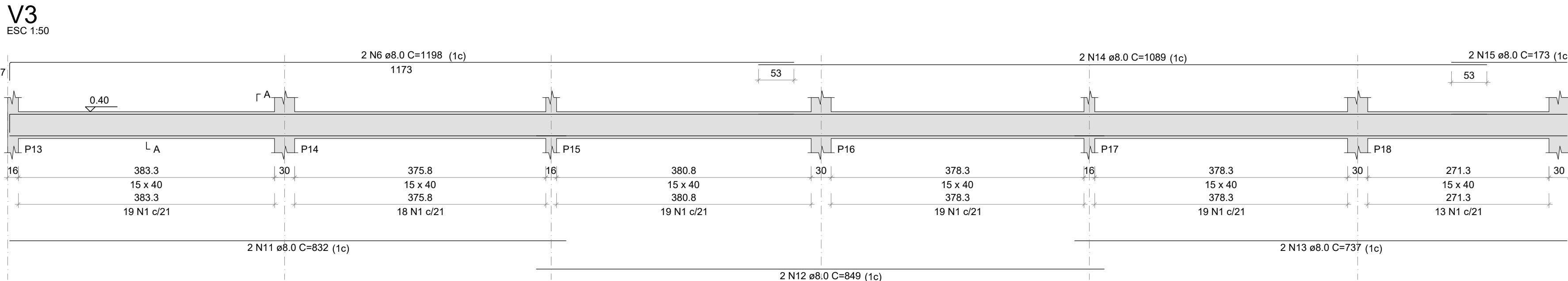
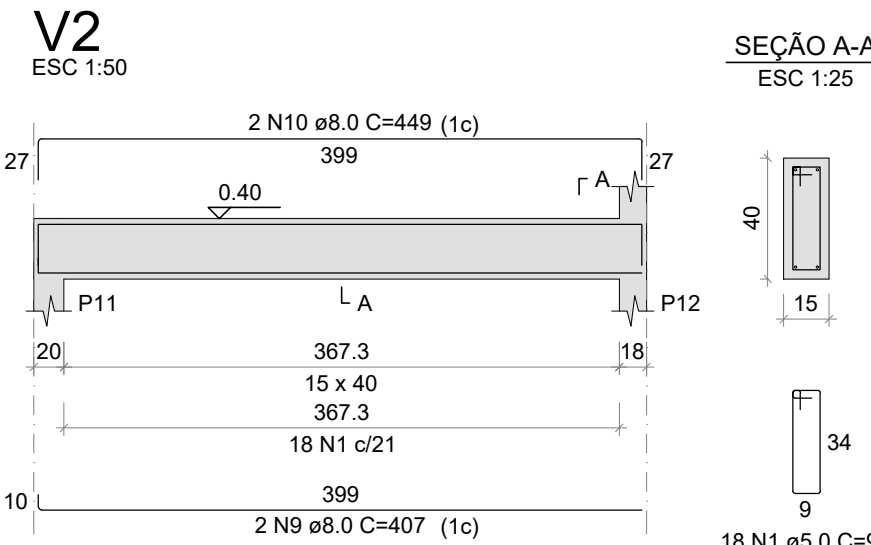
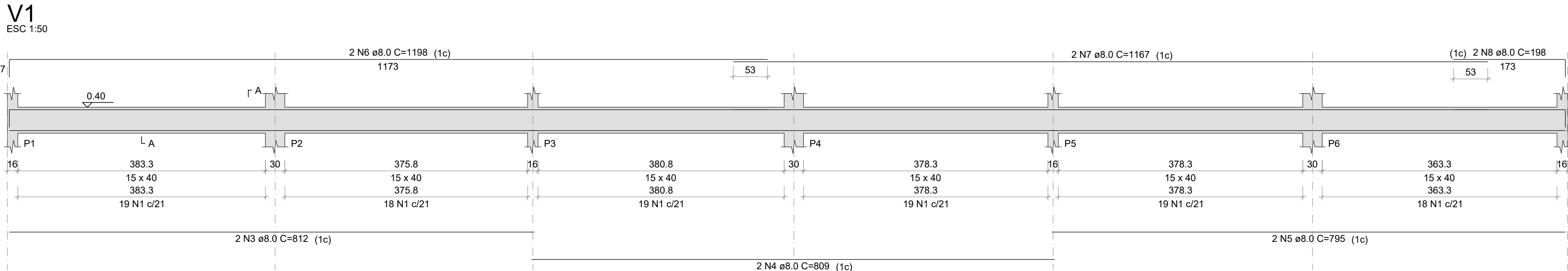
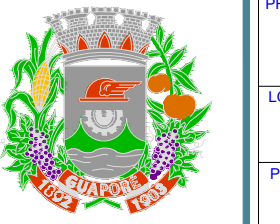




RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60 CA50	1	5.0	536	97	51992
	2	6.3	4	108	432
	3	8.0	2	812	1624
	4	8.0	2	809	1618
	5	8.0	2	795	1590
	6	8.0	6	1198	7188
	7	8.0	2	1167	2334
	8	8.0	4	198	792
	9	8.0	2	407	814
	10	8.0	2	449	898
	11	8.0	4	832	3328
	12	8.0	2	849	1698
	13	8.0	2	737	1474
	14	8.0	2	1089	2178
	15	8.0	2	173	346
	16	8.0	2	110	220
	17	8.0	2	142	284
	18	8.0	2	843	1686
	19	8.0	2	815	1630
	20	8.0	2	1169	2338
	21	8.0	6	782	4692
	22	8.0	2	807	1614
	23	8.0	6	176	1056
	24	8.0	6	210	1260
	25	8.0	2	107	214
	26	8.0	4	799	3196
	27	8.0	2	263	526
	28	8.0	2	297	594
	29	8.0	2	408	816
	30	8.0	2	442	884
	31	8.0	2	420	840
	32	8.0	2	437	874
	33	8.0	5	407	2035

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	4.3	1.2
CA60	8.0	506.4	219.8
CA60	5.0	519.9	88.2
PESO TOTAL (kg)			
CA50		221	
CA60		88.2	

Volume de concreto (C-25) = 7.20 m³
Área de forma = 113.95 m²



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MUNICÍPIO DE GUAPORÉ

PROJETO
ESCOLA MUNICIPAL DE ENSINO FUNDAMENTAL ZAIDA ZANON
AMPLIAÇÃO BLOCO PEDAGÓGICO E ADMINISTRATIVO

LOCAL
RUA IRMÃO EDUARDO, Nº 288, BAIRRO SÃO JOSÉ - GUAPORÉ/RS

PROPRIETÁRIO
MUNICÍPIO DE GUAPORÉ - RS

ASSUNTO
ARMADURAS VIGAS BALDRAMES - BLOCO PEDAGÓGICO

DATA
JUNHO 2021

RESP. TÉCNICO
Engº Civil: GABRIEL FRANCISCO VIAN - Crea/RS 242589

PRANCHAS

Est-04