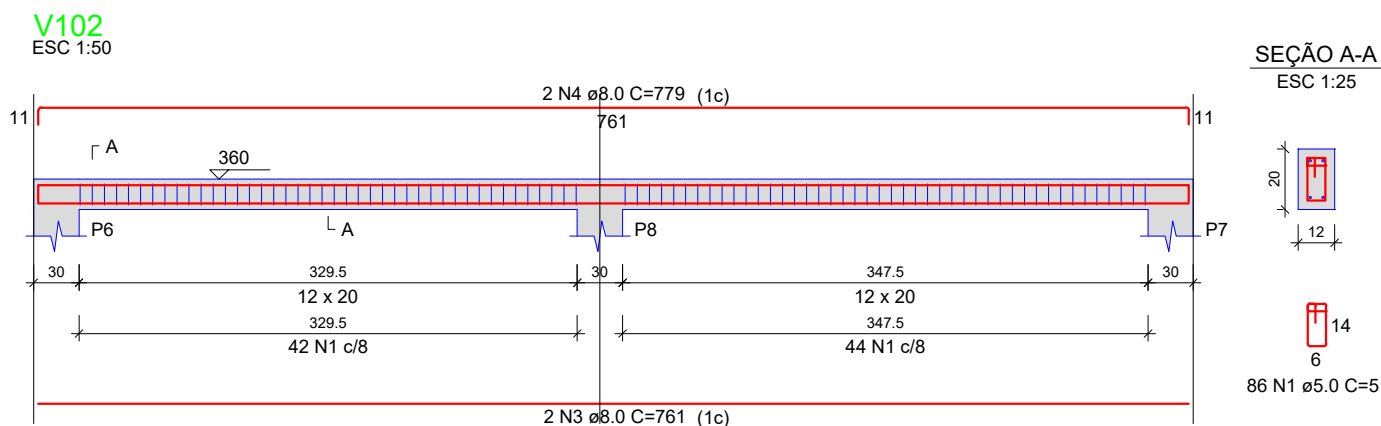
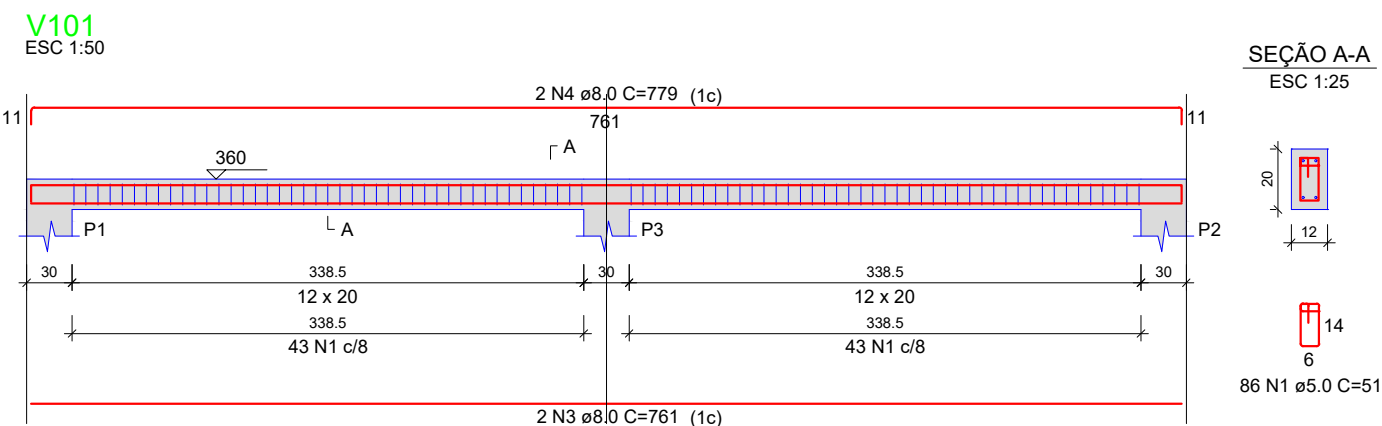
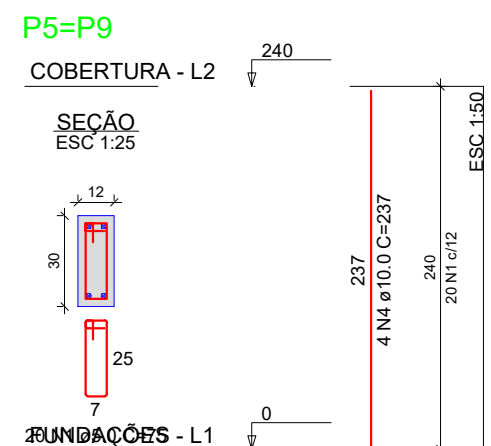
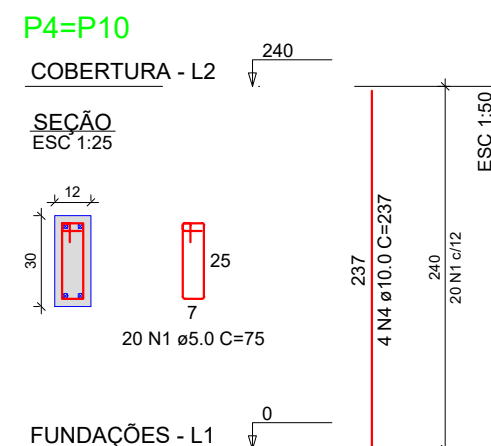
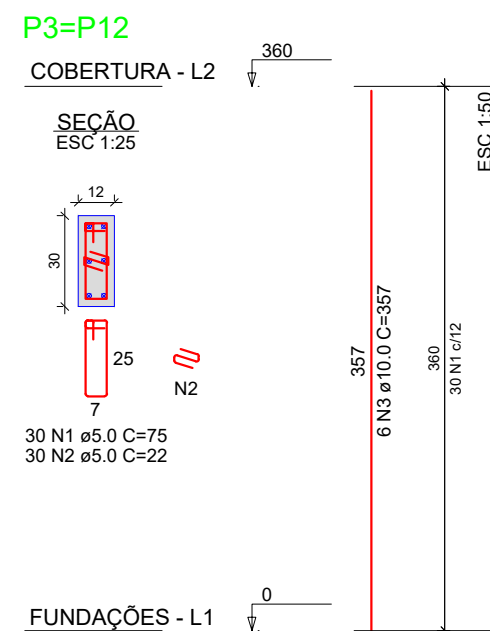
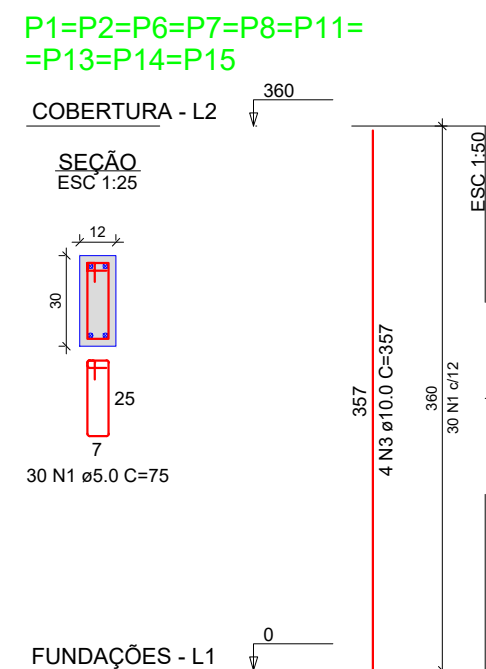
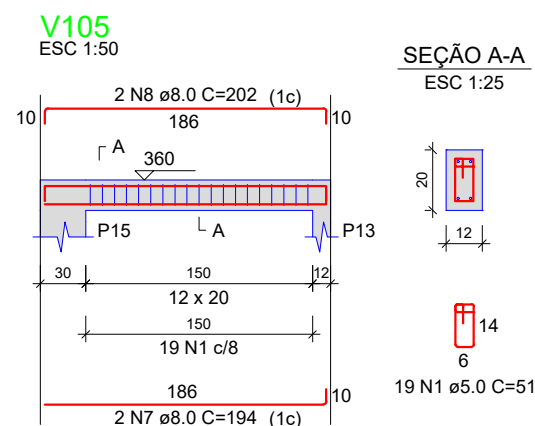
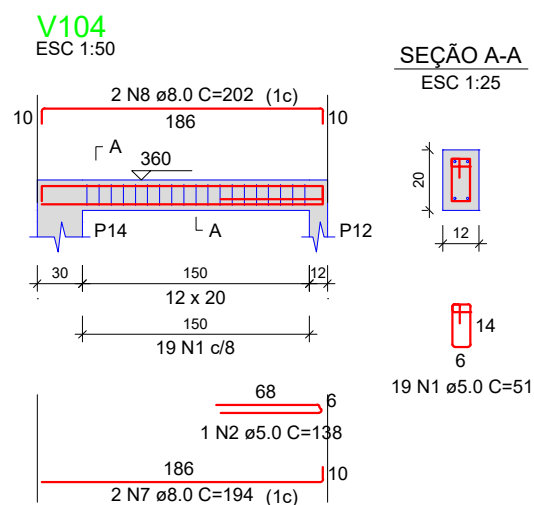
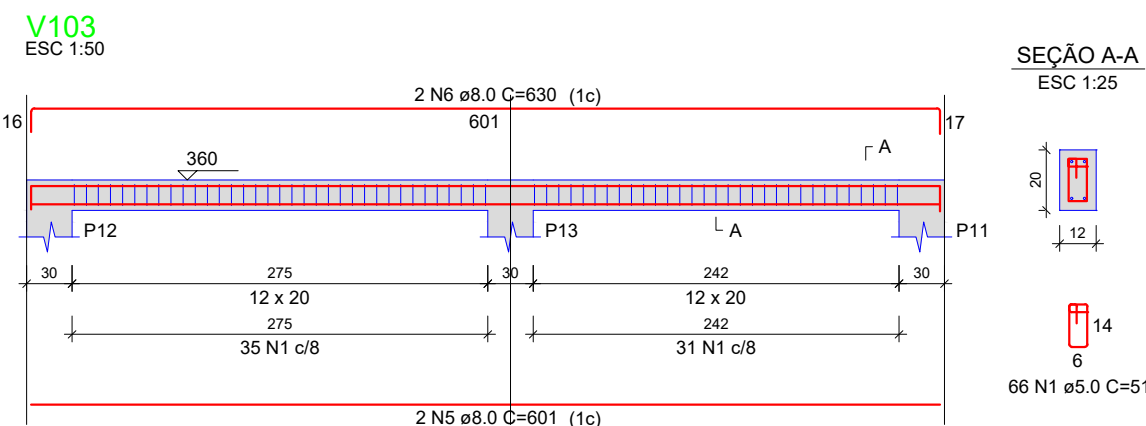




RELAÇÃO DO AÇO					
V101 V104		V102 V105		V103	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	276	51	14076
CA50	2	5.0	1	138	138
	3	8.0	4	761	3044
	4	8.0	4	779	3116
	5	8.0	2	601	1202
	6	8.0	2	630	1260
	7	8.0	4	194	776
	8	8.0	4	202	808

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	102.1	40.3
CA60	5.0	142.1	21.9
PESO TOTAL (kg)			
CA50	40.3		
CA60	21.9		

Volume de concreto (C-25) = 0.52 m³
Área de forma = 11.29 m²



RELAÇÃO DO AÇO					
9xP1 2xP5		2xP3		2xP4	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	410	75	30750
CA50	2	5.0	60	22	1320
	3	10.0	48	357	17136
	4	10.0	16	237	3792

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	209.3	129
CA60	5.0	320.7	49.4
PESO TOTAL (kg)			
CA50	129		
CA60	49.4		

Volume de concreto (C-25) = 1.77 m³
Área de forma = 41.33 m²

 PREFEITURA MUNICIPAL DE BADY BASSITT - SP CNPJ 45.093.267/0001-09		 CRS ENGENHARIA
Descrição: PROJETO ESTRUTURAL DET. VIGAS SUPERIORES E PILARES		Folha: EST. 05/05
Objeto: RECUPERAÇÃO DO COMPLEXO ESPORTIVO DO MUNICÍPIO DE BADY BASSITT-SP		Autor Projeto: FABRICIA MOREIRA DE SOUZA ENGENHEIRA CIVIL CREA: 5.070.887.540/SP
Proprietário: PREFEITURA MUNICIPAL DE BADY BASSITT - SP		Proprietário: LUIZ ANTONIO TOBARDINI PREFEITO MUNICIPAL
Endereço: RUA TIRADENTES, nº 1190 - CENTRO		
Município: BADY BASSITT		Estado: SP
Matrícula / Transcrição: 181.996		
Coordenadas Geográficas / SAD69: 20°55'06.4"S 49°26'57.9"W		
Escala: INDICADA	Data: 01/09/2023	Data Última Revisão: ART/RRT nº: 2.802.723.023.135.714-5