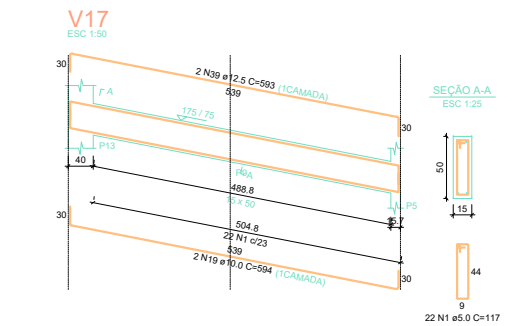
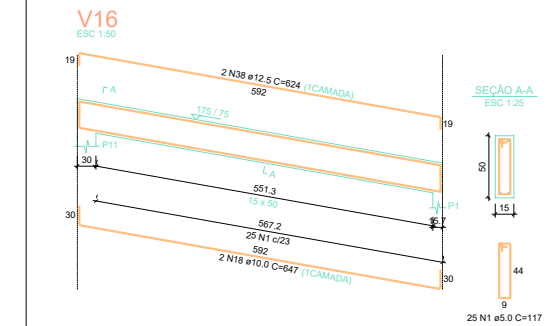
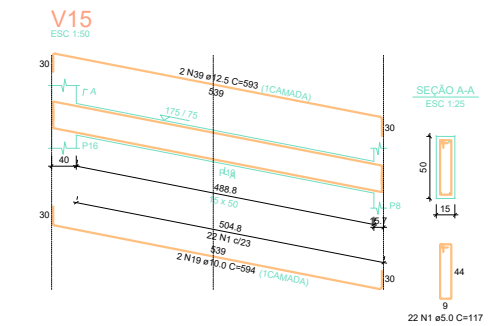
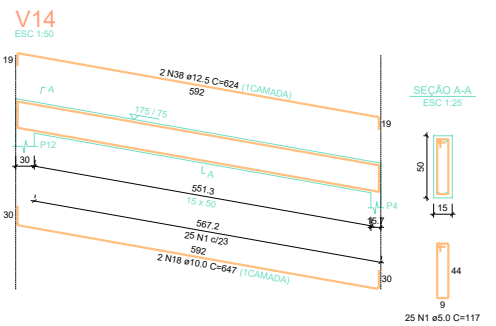
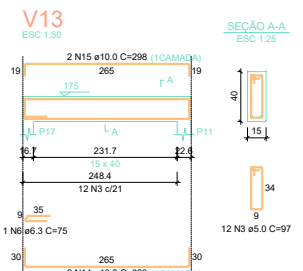
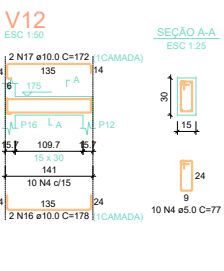
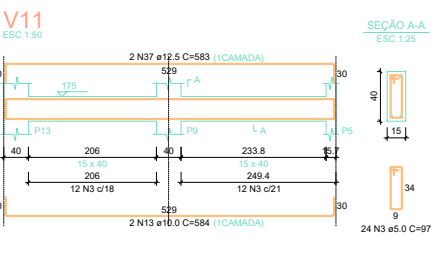
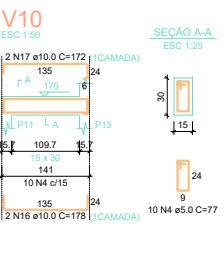
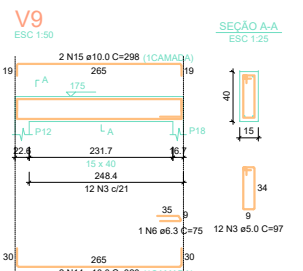
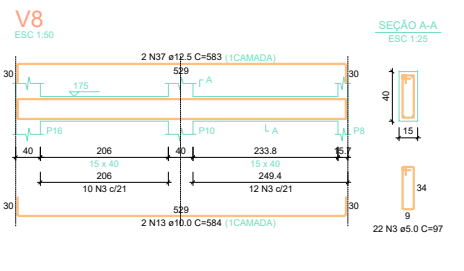
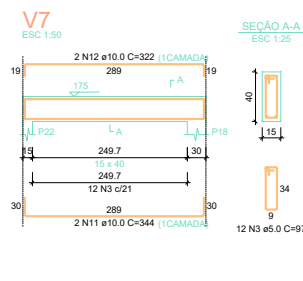
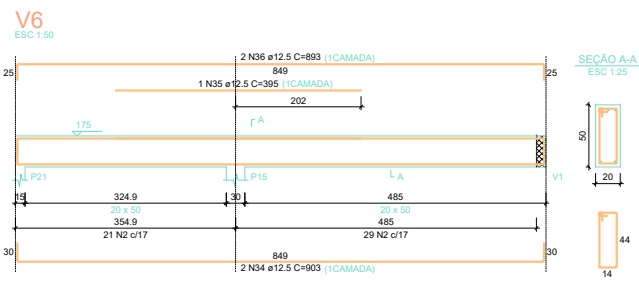
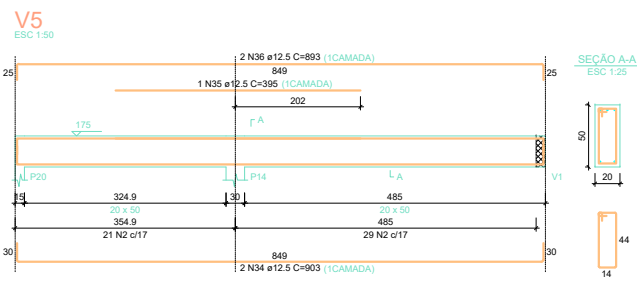
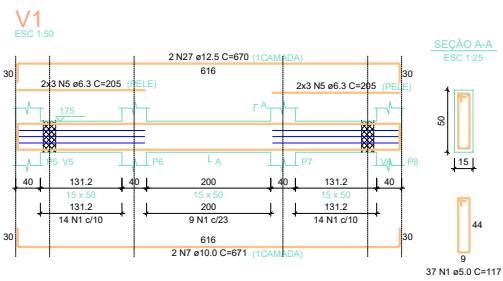
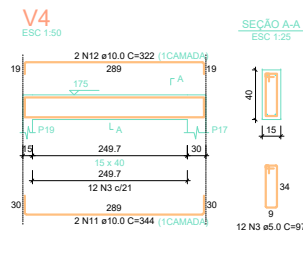
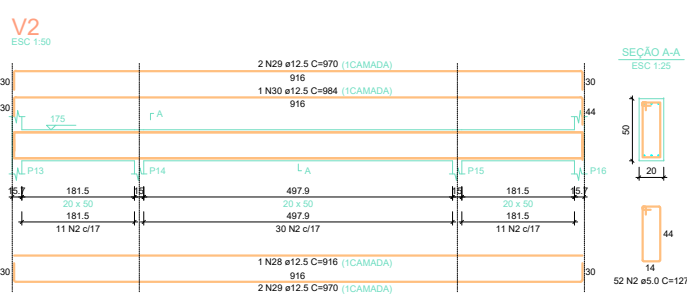
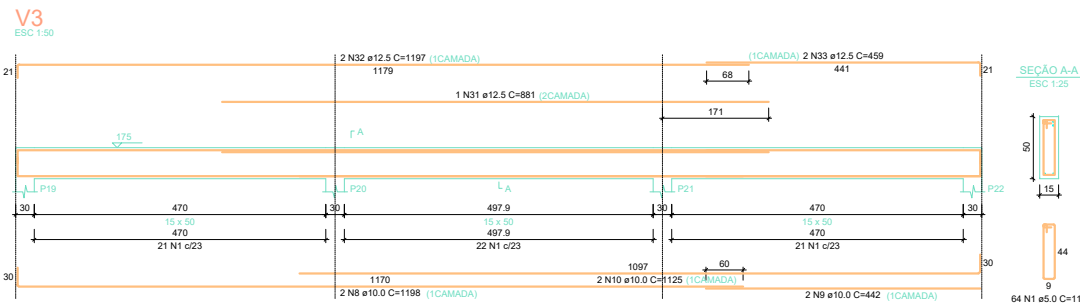


RELAÇÃO DO AÇO

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16	V17	V18
V19	V20	V21
V22	V23	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	195	117	22815
	2	5.0	152	127	19304
	3	5.0	94	97	9119
	4	5.0	101	97	7777
CA50	5	6.3	12	205	2460
	6	6.3	2	75	150
	7	10.0	2	671	1342
	8	10.0	2	1196	2396
	9	10.0	2	442	884
	10	10.0	2	1125	2250
	11	10.0	4	344	1376
	12	10.0	4	322	1288
	13	10.0	4	364	2356
	14	10.0	4	320	1280
	15	10.0	4	298	1192
	16	10.0	4	178	712
	17	10.0	4	172	688
	18	10.0	4	647	2588
	19	10.0	4	594	2376
	20	10.0	4	202	808
	21	10.0	4	196	784
	22	10.0	4	345	1380
	23	10.0	4	325	1300
	24	10.0	4	261	1044
	25	10.0	2	269	538
	26	10.0	2	289	578
	27	12.5	2	670	1340
	28	12.5	1	916	916
	29	12.5	4	970	3880
	30	12.5	1	884	884
	31	12.5	1	881	881
	32	12.5	2	1197	2394
	33	12.5	2	459	918
	34	12.5	4	903	3612
	35	12.5	4	385	1540
	36	12.5	4	883	3532
	37	12.5	4	583	2332
	38	12.5	4	624	2496
	39	12.5	4	593	2372

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	26.1	7
	10.0	271	183.8
	12.5	264.9	280.7
	5.0	595.1	100.1
CA60			
PESO TOTAL (kg)			
CA50	471.5		
CA60	100.1		

Volume de concreto (C=30) = 7.28 m³
Área de forma = 90.59 m²

Elaborado por	Revisado por	Verificado por
Aranha & Sêrrio PROJETOS ESTRUTURAIS Eng. Ar. Alexandre Lemos (CR-4513) - Belém - PA CNPJ: 06.185.200-00 - E-mail: aranha.serrio@outlook.com		
PROJETO	PRANCHA	
01/3217	E-09/12	
DETALHE ARMAÇÃO VIGAS DO PALCO		
DATA	ESCALA	CAD
MARÇO/2025	1/50	LUAN TEIXEIRA
GÁLGULO	VERBO	