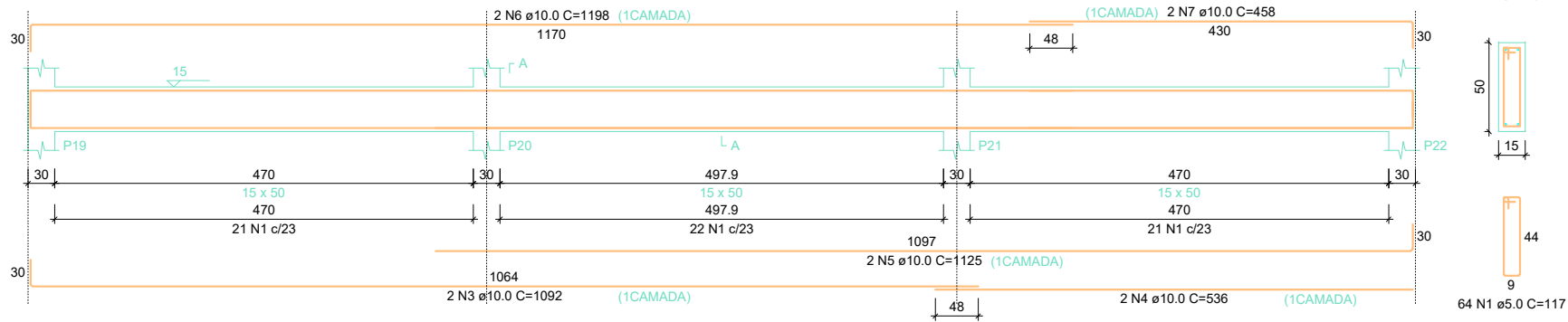


C1
ESC 1:50



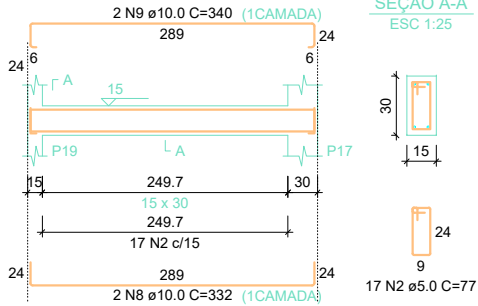
RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	64	117	7488
CA50	2	5.0	106	77	8162
	3	10.0	2	1092	2184
	4	10.0	2	536	1072
	5	10.0	2	1125	2250
	6	10.0	2	1198	2396
	7	10.0	2	458	916
	8	10.0	4	332	1328
	9	10.0	4	340	1360
	10	10.0	4	172	688
	11	10.0	4	166	664
	12	10.0	4	202	808
	13	10.0	4	208	832
	14	10.0	4	308	1232
	15	10.0	4	316	1264

RESUMO DO AÇO

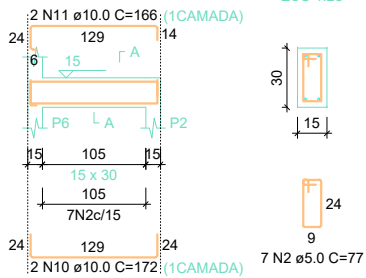
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	169.9	115.3
CA60	5.0	156.5	26.5
PESO TOTAL (kg)			
CA50	115.3		
CA60	26.5		

Volume de concreto (C-30) = 1.76 m³
Área de forma = 26.51 m²

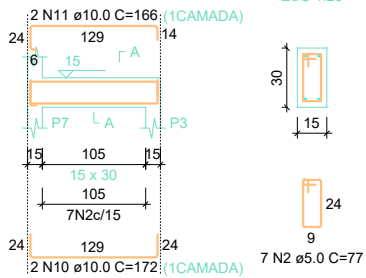
C2
ESC 1:50



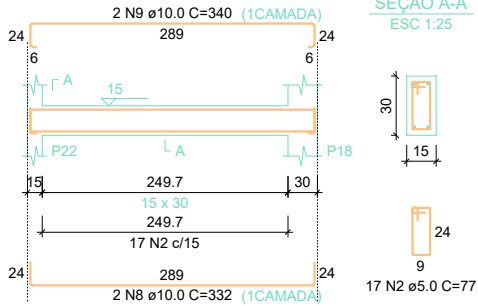
C3
ESC 1:50



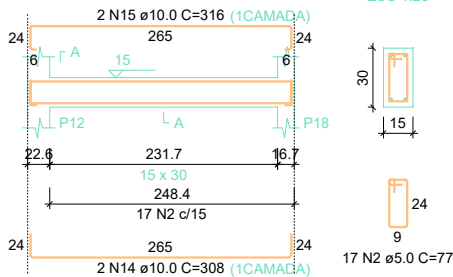
C4
ESC 1:50



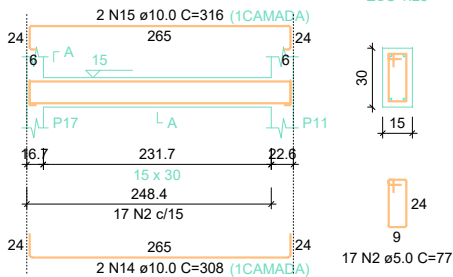
C5
ESC 1:50



C6
ESC 1:50



C7
ESC 1:50



Revisão :	Data:	Descrição:	Verificado Por:		
Aranha & Sêrio PROJETOS ESTRUTURAIS End.: Av. Senador Lemos, Nº. 4613 (altos) - Belém - Pa CEP: 66120-002; E-mail: aranhaserio@yahoo.com			OBRA 01/3217	PRANCHA E-05/12	
ASSUNTO PRAÇA AÇAÍ LAR ROD. PA-151, S/N IGARAPE-MIRI - PA DETALHE ARMAÇÃO CINTAS			ENG.º FRANCO SÉRIO F.º - CP 150348408-0 GANDHY ARANHA JR. - CP 150334649-8		
DATA MARÇO/2026	ESCALA 1/50	CAD LUAN TEIXEIRA	CÁLCULO	VISTO	