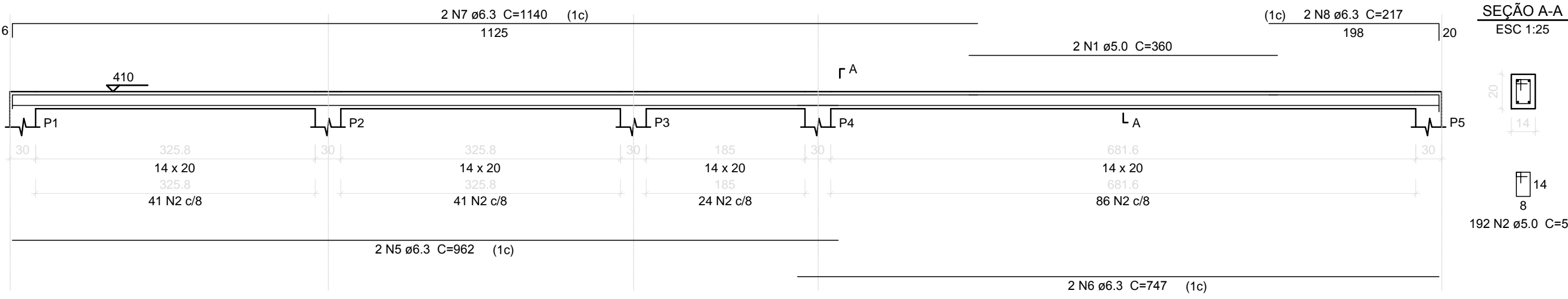
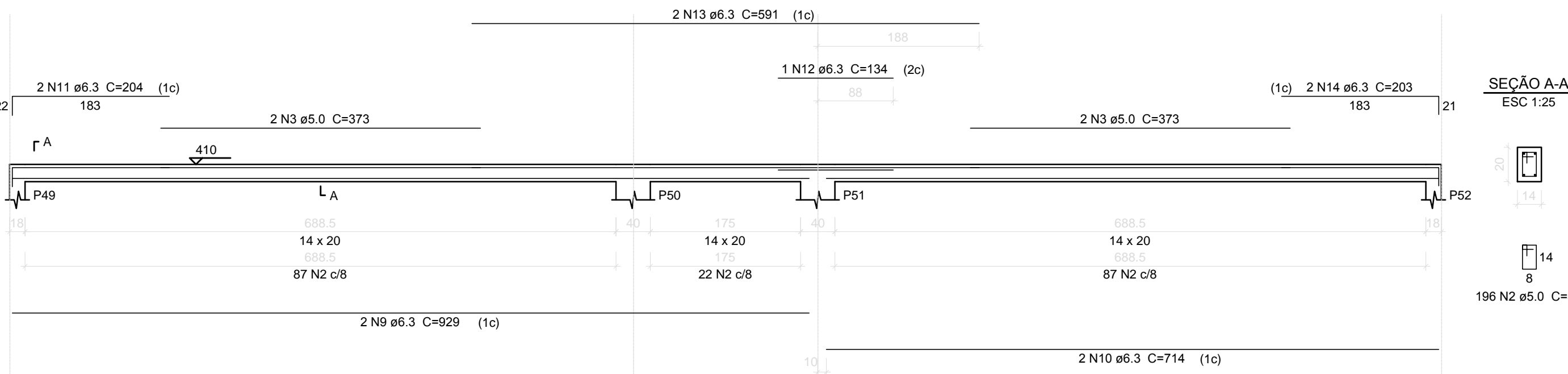


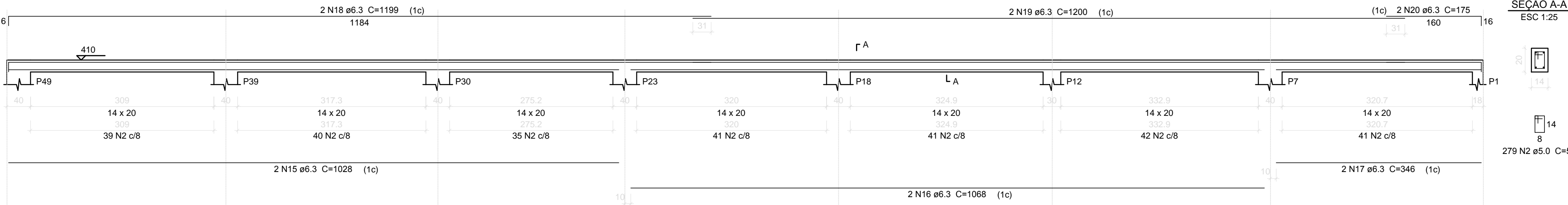
VP1  
ESC 1:50



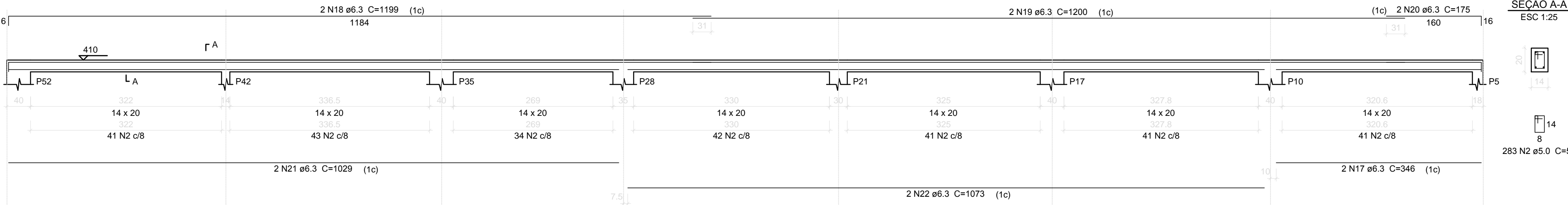
VP2  
ESC 1:50



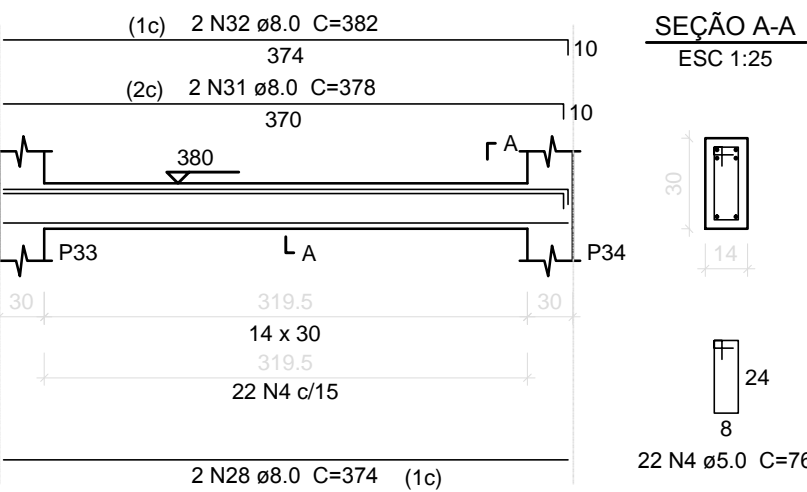
VP3  
ESC 1:50



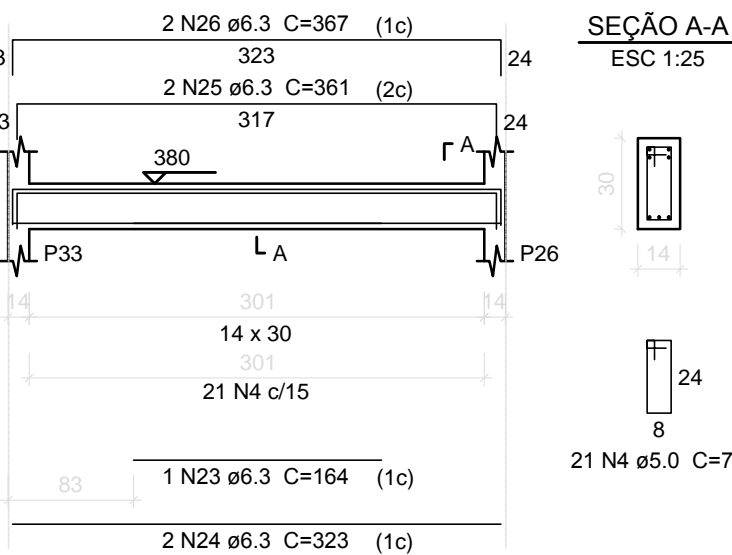
VP4  
ESC 1:50



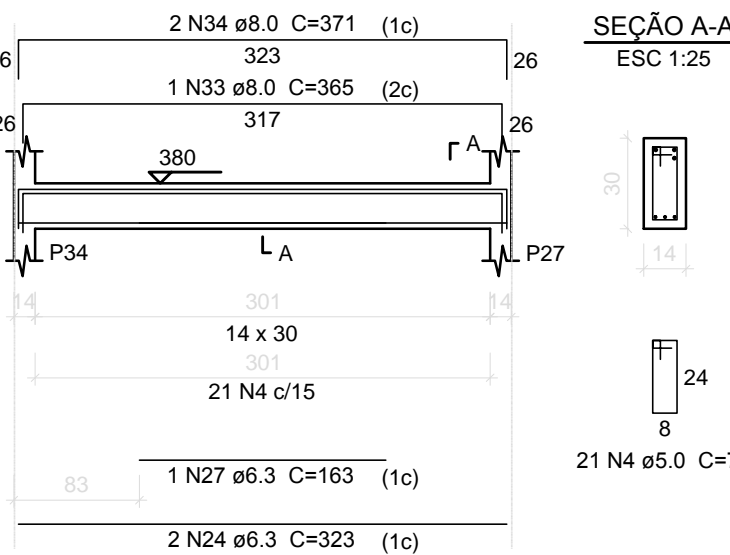
VP6  
ESC 1:50



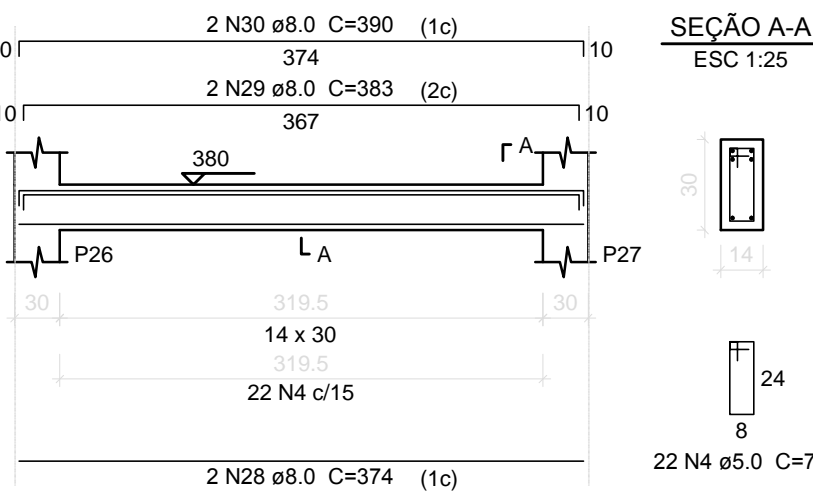
VP7  
ESC 1:50



VP8  
ESC 1:50



VP5  
ESC 1:50



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VP1					
VP4					
VP7					
VP2					
VP5					
VP8					
VP3					
VP6					
CA60	1	5.0	2	360	720
	2	5.0	950	56	53200
	3	5.0	4	373	1492
	4	5.0	86	76	6536
CA50	5	6.3	2	962	1924
	6	6.3	2	747	1494
	7	6.3	2	1140	2280
	8	6.3	2	217	434
	9	6.3	2	929	1858
	10	6.3	2	714	1428
	11	6.3	2	204	408
	12	6.3	1	134	134
	13	6.3	2	591	1182
	14	6.3	2	203	406
	15	6.3	2	1028	2056
	16	6.3	2	1068	2136
	17	6.3	4	346	1384
	18	6.3	4	1199	4796
	19	6.3	4	1200	4800
	20	6.3	4	175	700
	21	6.3	2	1029	2058
	22	6.3	2	1073	2146
	23	6.3	1	164	164
	24	6.3	4	323	1292
	25	6.3	2	361	722
	26	6.3	2	367	734
	27	6.3	1	163	163
	28	8.0	4	374	1496
	29	8.0	2	383	766
	30	8.0	2	390	780
	31	8.0	2	378	756
	32	8.0	2	382	764
	33	8.0	1	365	365
	34	8.0	2	371	742

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	347	93.4
CA60	5.0	619.5	24.6
PESO TOTAL (kg)			105
CA50	118		
CA60	105		

Volume de concreto (C-25) = 2.92 m³  
Área de forma = 55.37 m²

ESCOLA PIRATININO DE ALMEIDA

END: AV. DOMINGOS DE ALMEIDA, N. 4057 - AREAL  
DET. VIGAS PLATIBANDA E BASE RESERVATÓRIO - BLOCO A

EQUIPE TÉCNICA DA UGP

ARQ. ELISE LOPES DUTRA CAU A46844-4  
ENG. PATRICIA WALTZER DA SILVA - CREA 139996

Prancha

11/20

Escala

INDICADA

Data

JUNHO / 2017