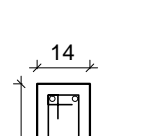
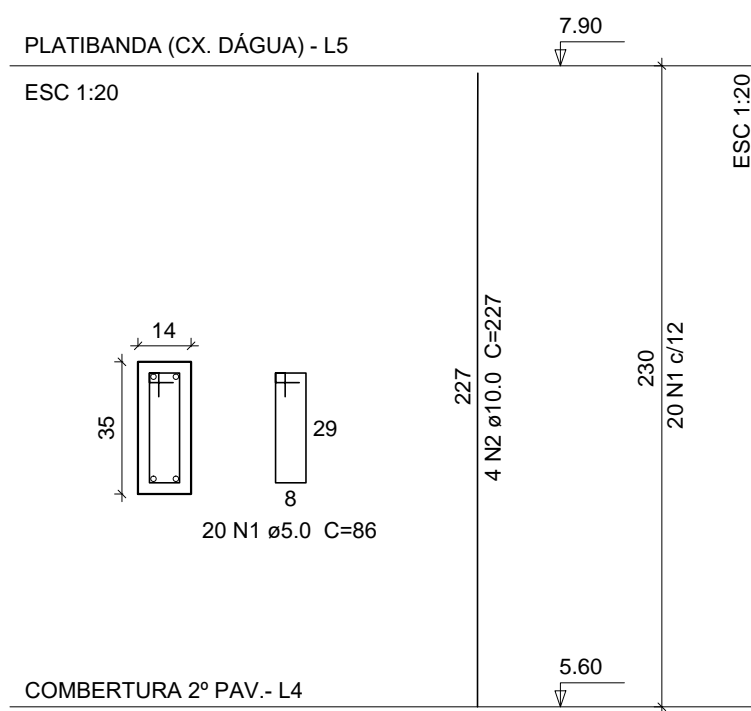


<p>PLATIBANDA - L4</p>	<p>0,50</p>			
<p>ESC 1:20</p>				
 <p>14</p> <p>35</p> <p>8</p> <p>29</p> <p>11 N1 ø5,0 C=86</p>	<p>127</p> <p>4 N3 ø10,0 C=127</p>		<p>130</p> <p>11 N1 ø12</p>	<p>ESC 1:20</p>
<p>COMBERTURA 2ª PAV. - L4</p>			<p>5,60</p>	

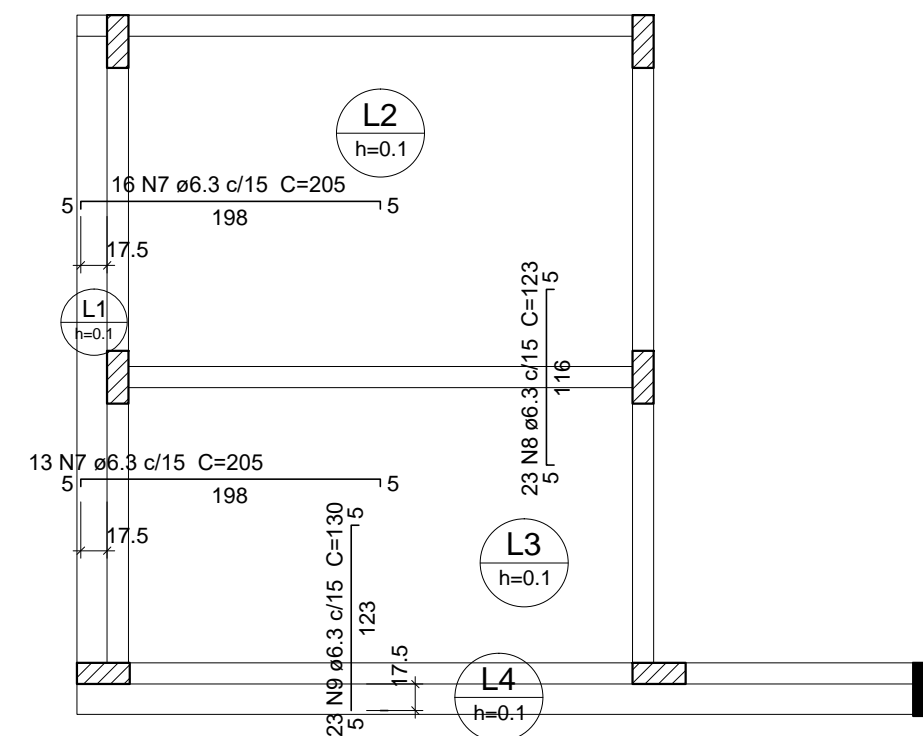


### Relação do aço

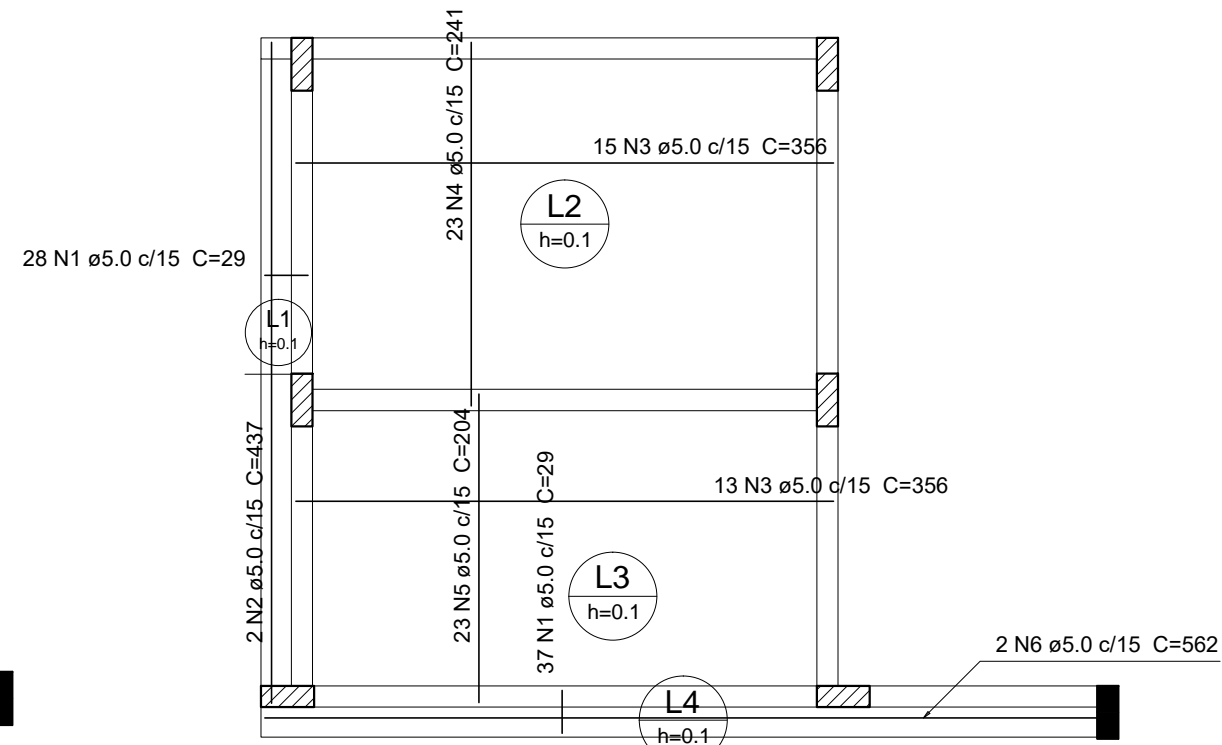
8xP1	3xP12	P15			
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	254	86	21844
CA50	2	10.0	20	227	4540
	3	10.0	56	127	7112

Resumo do aço			
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	116.50	79.1
CA60	5.0	218.45	37.0
PESO TOTAL			
CA50	79.1		
CA60	37.0		

Vol. de concreto total (C-25) = 0.76 m<sup>3</sup>  
Área de forma total = 15.29 m<sup>2</sup>



ARMAÇÃO NEGATIVA  
LAJE 2º PAV.



ARMAÇÃO POSITIVA  
LAJE 2º PAV.  
escala 1:50

### Relação do aço

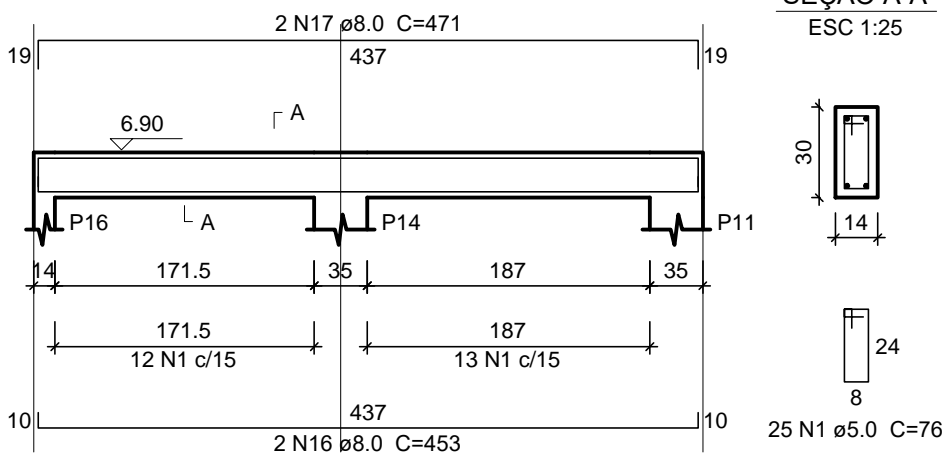
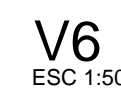
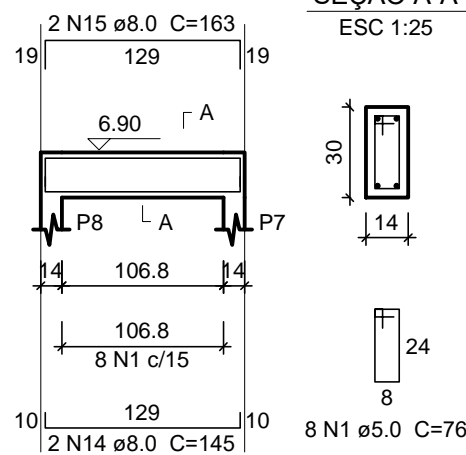
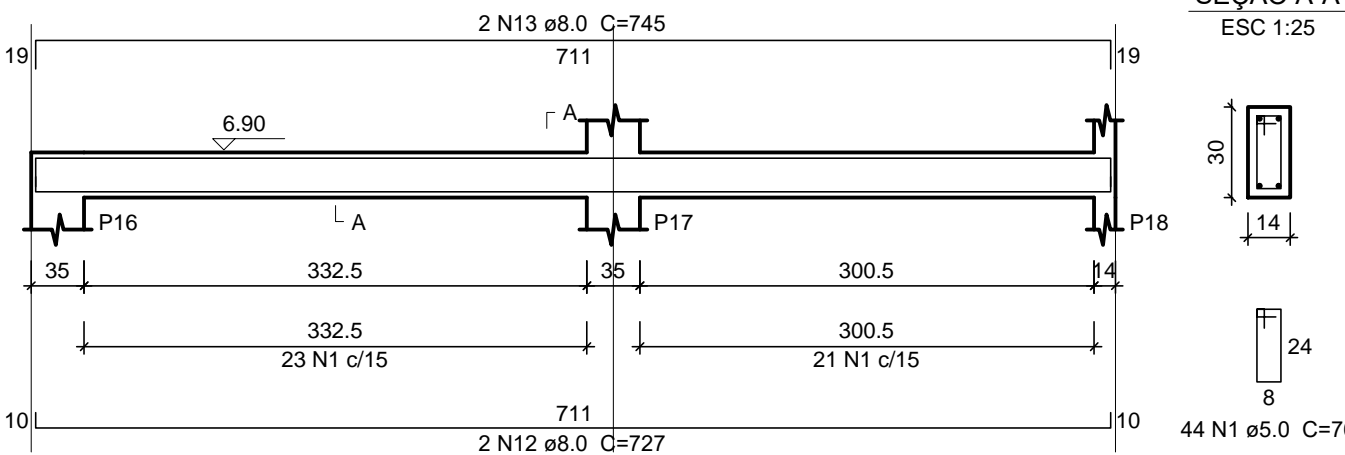
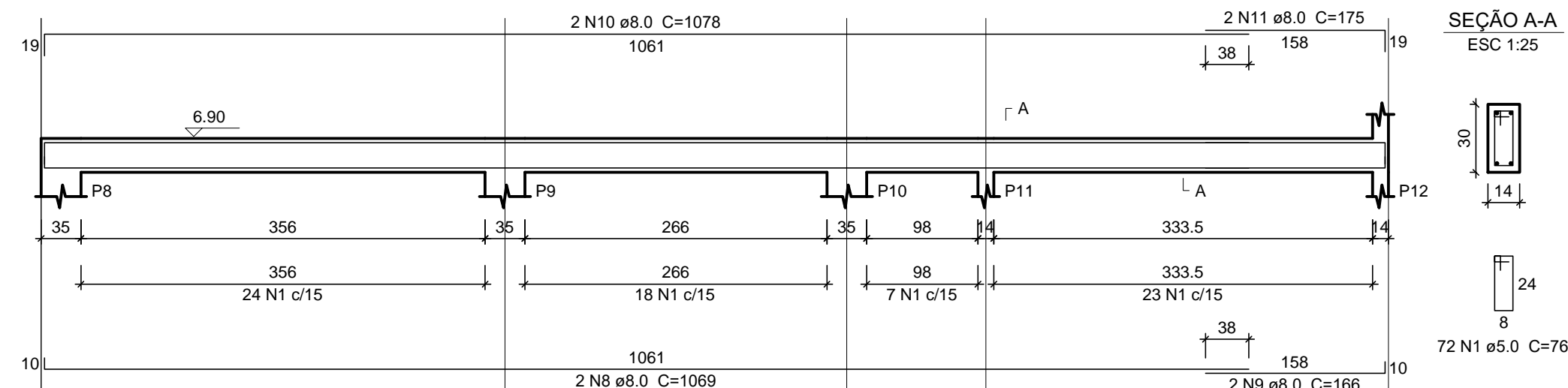
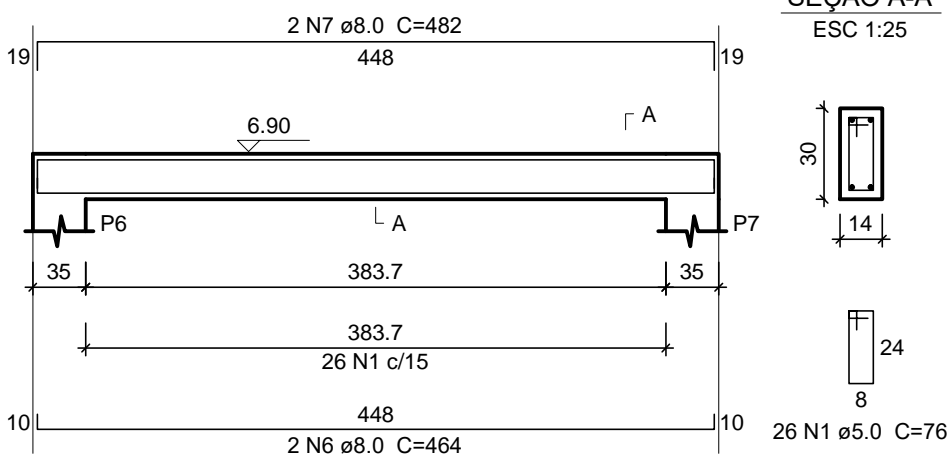
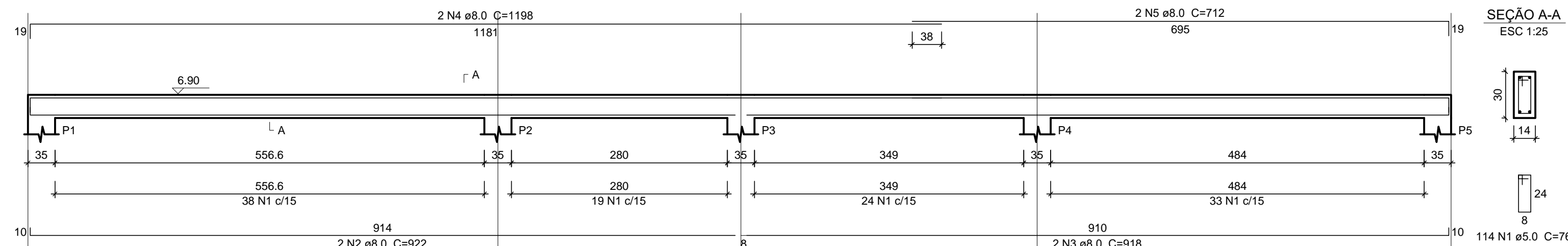
Negativos		Positivos			
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	65	29	1885
	2	5.0	2	437	874
	3	5.0	28	356	9908
	4	5.0	23	241	5543
	5	5.0	23	204	4692
	6	5.0	2	562	1124
CA50	7	6.3	29	205	5945
	8	6.3	23	123	2629
	9	6.3	23	130	2990

### Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	117.7	31.7
CA60	5.0	240.9	40.8
<b>PESO TOTAL</b>			
CA50	31.7		
CA60	40.8		

Vol. de concreto total (C-25) = 1.54 m<sup>3</sup>  
Área de forma total = 16.42 m<sup>2</sup>

V1  
ESC 1:50

Relação do aço (vigas platibanda)

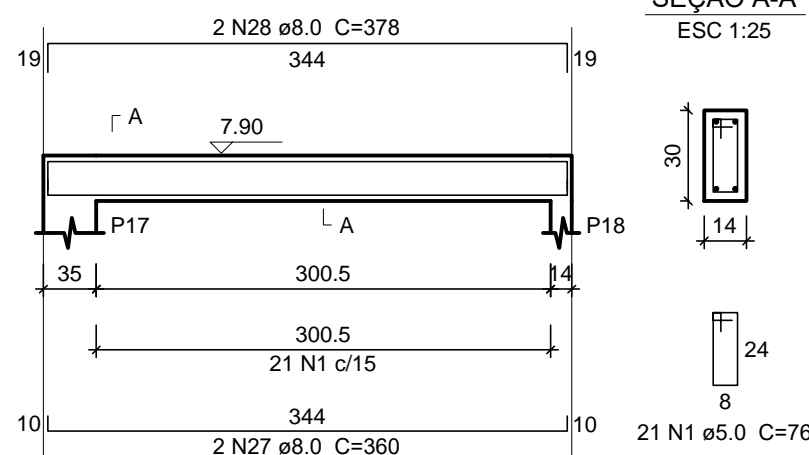
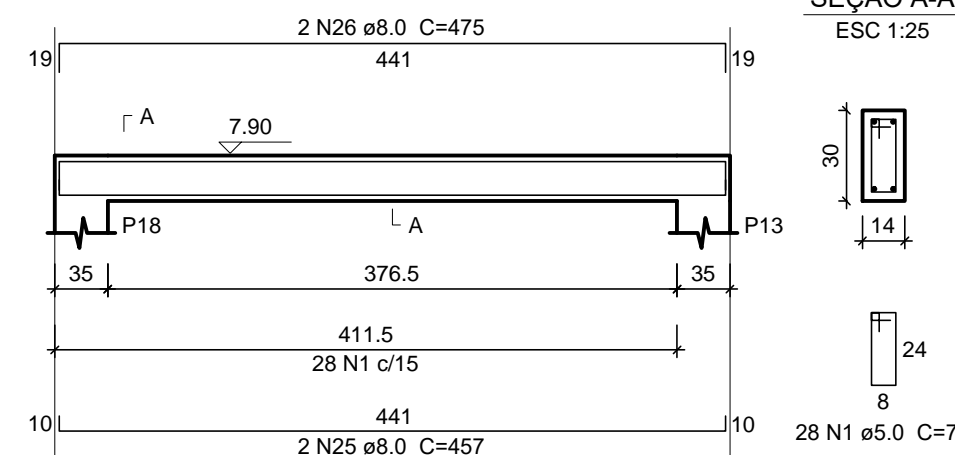
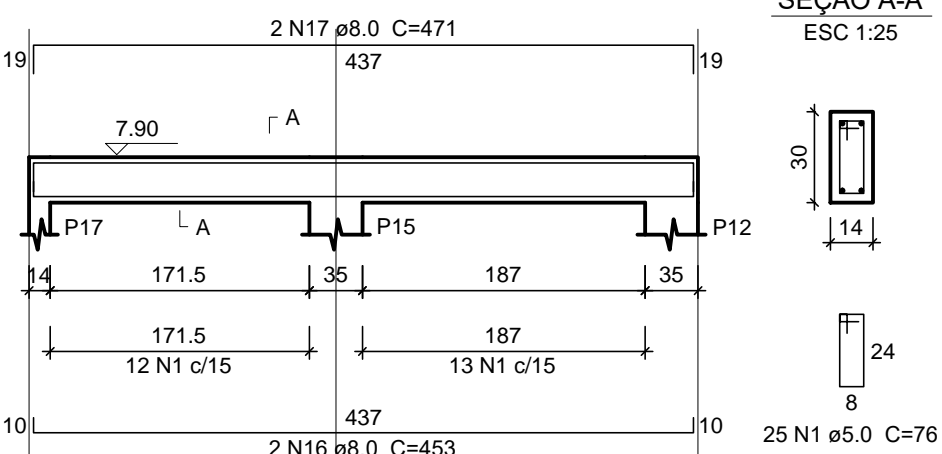
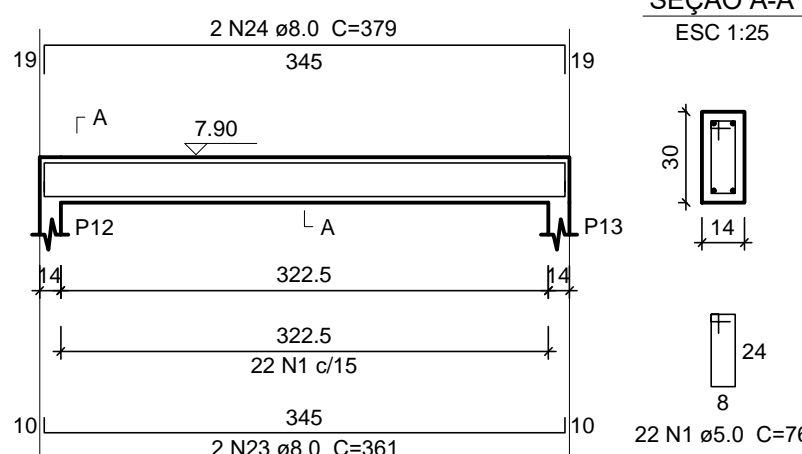
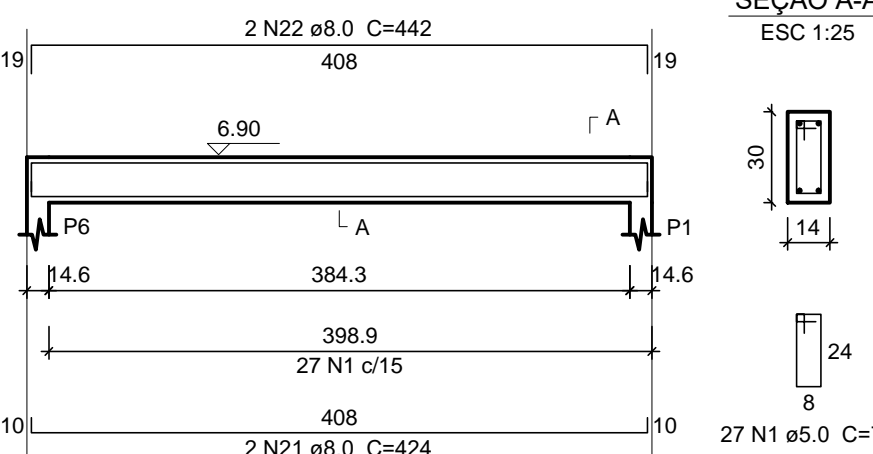
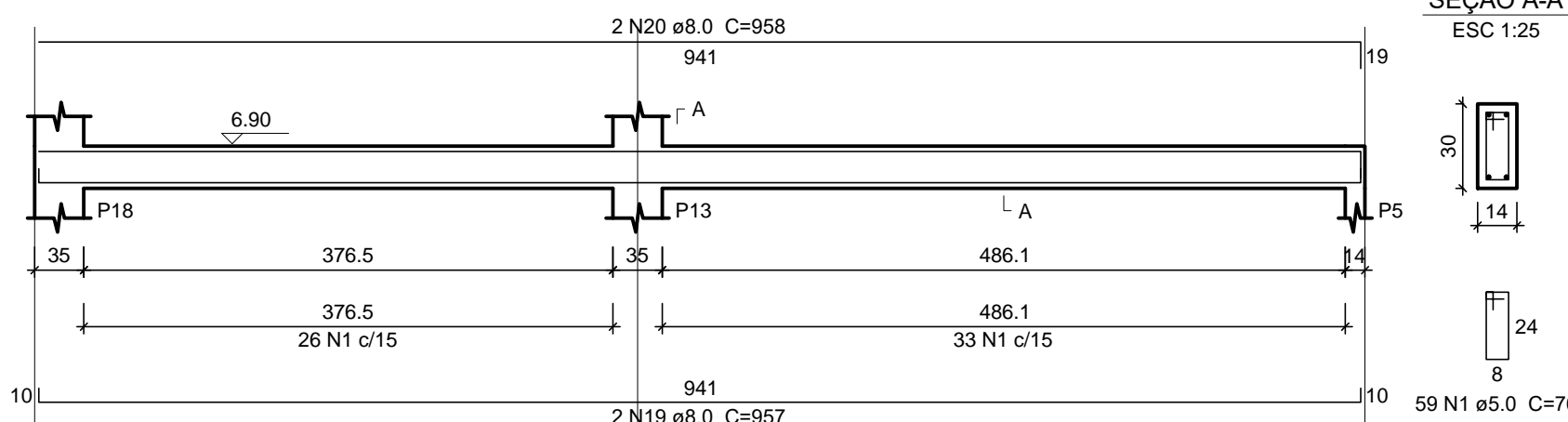
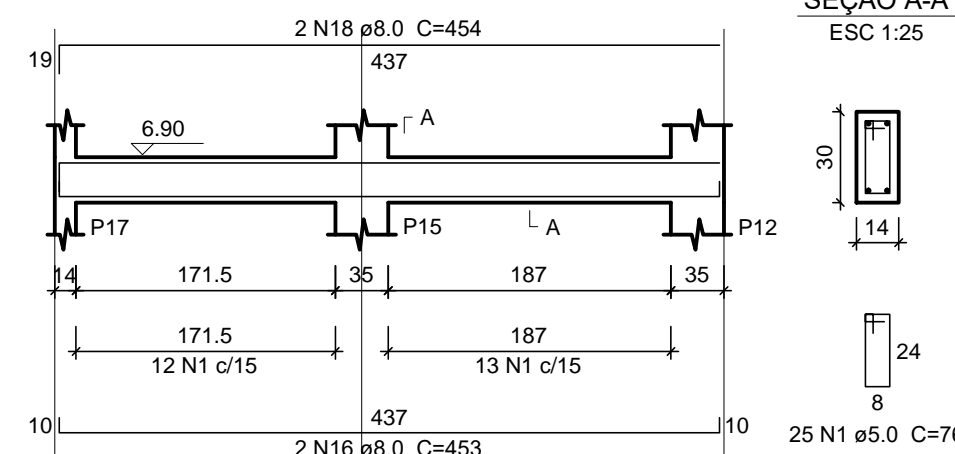
CX DAGUA:	V1	V2
	V4	V5
PLATIBANDA:	V1	V2
	V3	V4
	V5	V6
	V7	V8
	V9	

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60 CA50	1	5.0	496	76	37696
	2	8.0	2	922	1844
	3	8.0	2	918	1836
	4	8.0	2	1198	2396
	5	8.0	2	712	1424
	6	8.0	2	464	928
	7	8.0	2	482	964
	8	8.0	2	1069	2138
	9	8.0	2	166	332
	10	8.0	2	1078	2156
	11	8.0	2	175	350
	12	8.0	2	727	1454
	13	8.0	2	745	1490
	14	8.0	2	145	290
	15	8.0	2	163	326
	16	8.0	6	453	2718
	17	8.0	4	471	1884
	18	8.0	2	454	908
	19	8.0	2	457	914
	20	8.0	2	958	1916
	21	8.0	2	424	848
	22	8.0	2	442	884
	23	8.0	2	361	722
	24	8.0	2	379	758
	25	8.0	2	437	874
	26	8.0	2	475	950
	27	8.0	2	360	720
	28	8.0	2	378	756

### Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	338.2	146.8
CA60	5.0	377	63.9
<b>PESO TOTAL</b>			
CA50	146.8		
CA60	63.9		

Vol. de concreto total (C-25) = 3.43 m<sup>3</sup>  
Área de forma total = 60.46 m<sup>2</sup>



1º PAVIMENTO	365,40m²
2º PAVIMENTO	156,93m²
TOTAL	522,33m²

REVISÕES		 		PREFEITURA MUNICIPAL DE GUAÇUÁ	
				PROJETO DE REFORMA NO PRÉDIO DA SECRETARIA DE SAÚDE E SAE/CTA	
Engº Responsável: Nome: Reginaldo Angelo da Silva CPF: S - 000578D ART nº: 08 2023 0311 426		Visto:  		RUA SENADOR ATÍLIO VIVÁQUA, 163, CENTRO, GUAÇUÁ-ES	
				PROJETO ESTRUTURAL - SAE/CTA	
				Data: _____ INDICADA Data: 28/02/2023 Despesa: _____ Despesa: XXXXX Folha nº: _____ <div style="text-align: right;">07/08</div>	