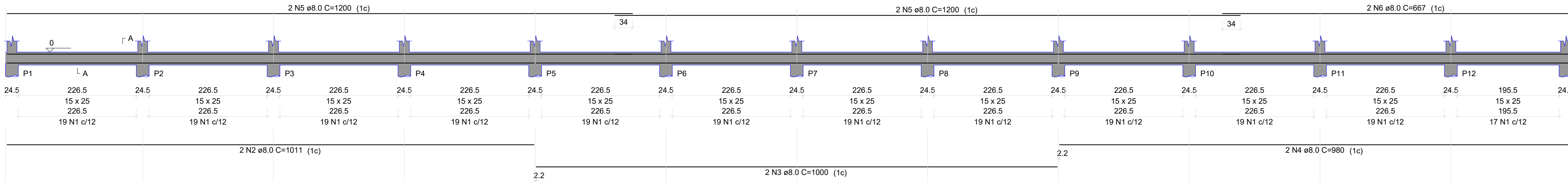
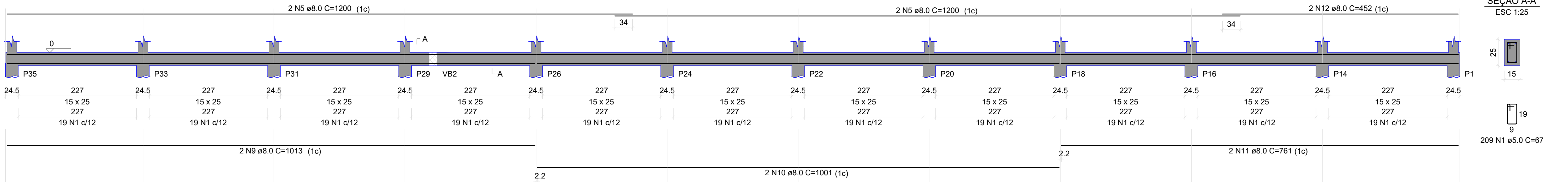


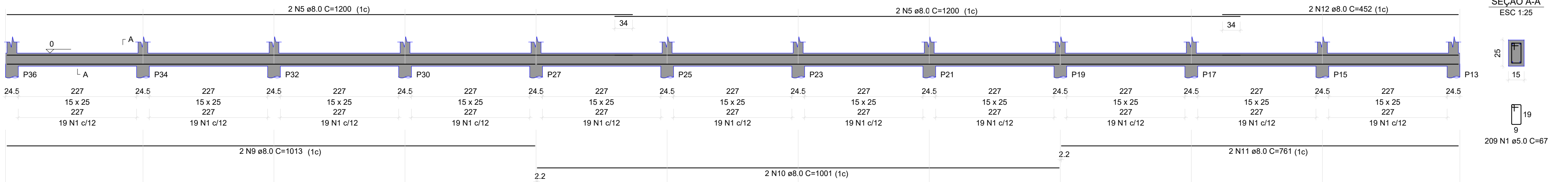
VB1  
ESC 1:50



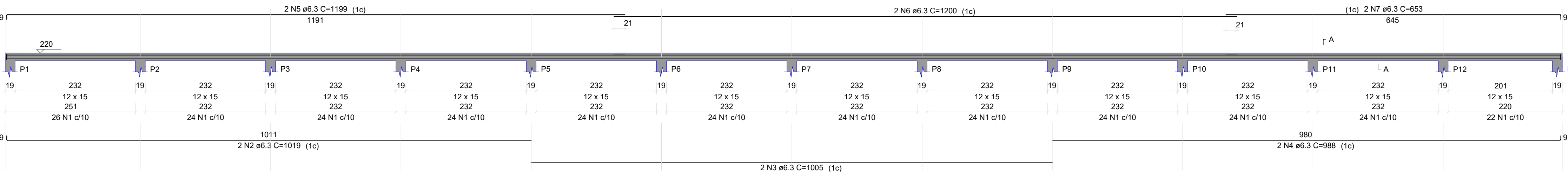
VB3  
ESC 1:50



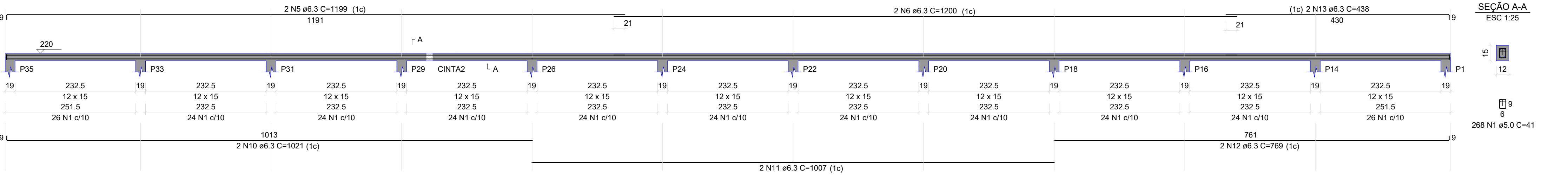
VB4  
ESC 1:50



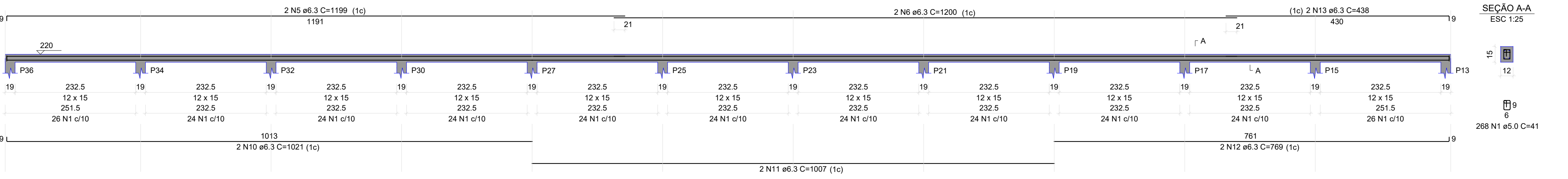
CINTA1  
ESC 1:50



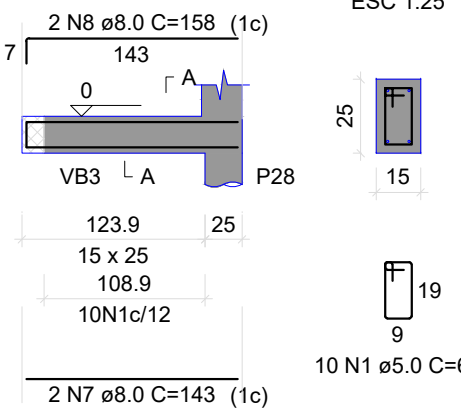
CINTA3  
ESC 1:50



CINTA4  
ESC 1:50



VB2  
ESC 1:50



RELAÇÃO DO AÇO

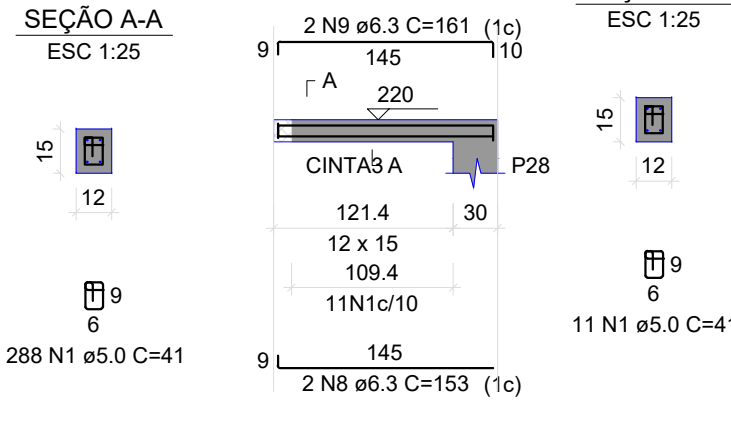
ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CASO	1	8.0	654	67	43818
CASO	2	8.0	2	1000	2000
CASO	3	8.0	2	980	1960
CASO	4	8.0	12	1200	14400
CASO	5	8.0	2	980	1960
CASO	6	8.0	2	143	286
CASO	7	8.0	4	1013	4052
CASO	8	8.0	4	1001	4004
CASO	9	8.0	4	751	3004
CASO	10	8.0	4	452	1808

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (cm)	PESO + 10% (kg)
CASO	8.0	352.5	152.9
CASO	8.0	438.2	195.9
PESO TOTAL (kg)			
CASO		152.9	
CASO		195.9	

Volume de concreto (C-25) = 3.35 m³  
Área de forma = 43.55 m²

CINTA2  
ESC 1:50



RELAÇÃO DO AÇO

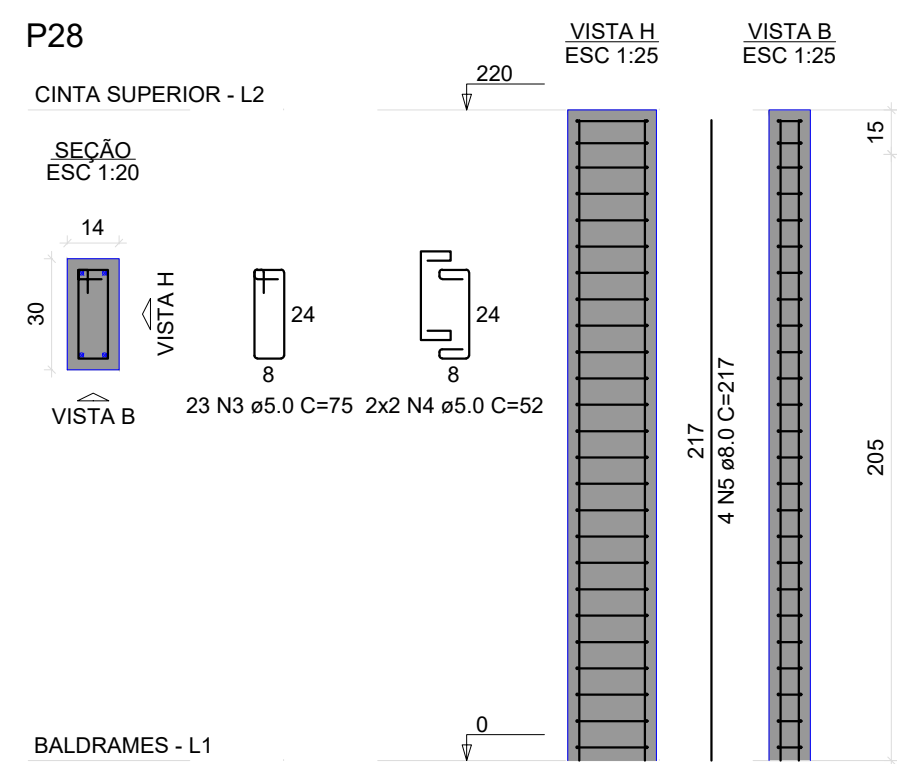
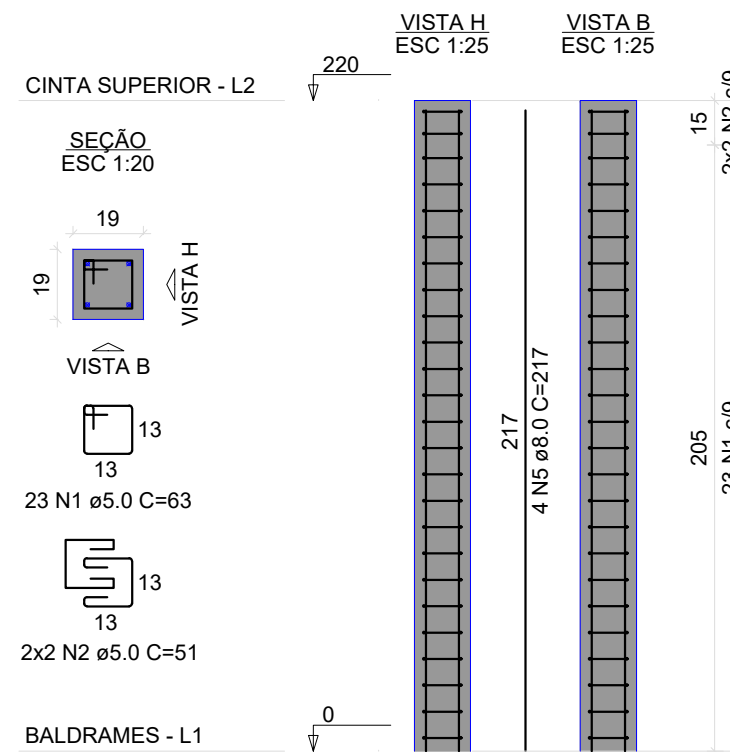
ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CASO	1	8.0	835	41	34235
CASO	2	8.0	2	1000	2000
CASO	3	8.0	2	980	1960
CASO	4	8.0	6	1100	6600
CASO	5	8.0	2	653	1306
CASO	6	8.0	2	121	242
CASO	7	8.0	4	1001	4004
CASO	8	8.0	4	751	3004
CASO	9	8.0	4	438	1752

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (cm)	PESO + 10% (kg)
CASO	8.0	352.5	152.9
CASO	8.0	342.4	151.5
PESO TOTAL (kg)			
CASO		152.9	
CASO		151.5	

Volume de concreto (C-25) = 1.07 m³  
Área de forma = 36.63 m²

P1=P2=P3=P4=P5=P6=P7=P8=  
=P9=P10=P11=P12=P13=P14=  
=P15=P16=P17=P18=P19=  
=P20=P21=P22=P23=P24=  
=P25=P26=P27=P28=P29=P30=  
=P31=P32=P33=P34=P35=  
=P36



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CASO	1	8.0	835	63	52715
CASO	2	8.0	140	51	7140
CASO	3	8.0	23	75	1725
CASO	4	8.0	4	52	208
CASO	5	8.0	144	217	31248

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (cm)	PESO + 10% (kg)
CASO	8.0	312.5	135.6
CASO	8.0	367.9	161.4
PESO TOTAL (kg)			
CASO		135.6	
CASO		161.4	

Volume de concreto (C-25) = 2.87 m³  
Área de forma = 60.46 m²

ESTRUTURA