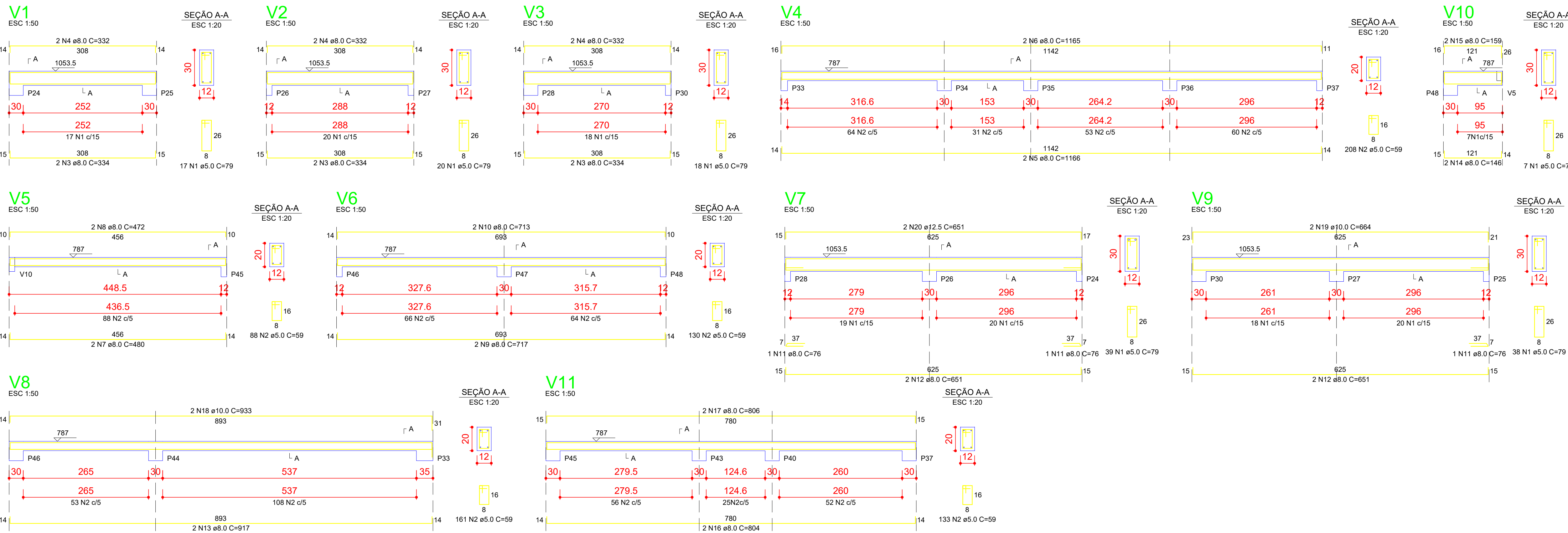


ESTRUTURAL

COMPANHIA INDEPENDENTE CORPO
BOMBEIRO MILITAR DE GOIANESIA-GO



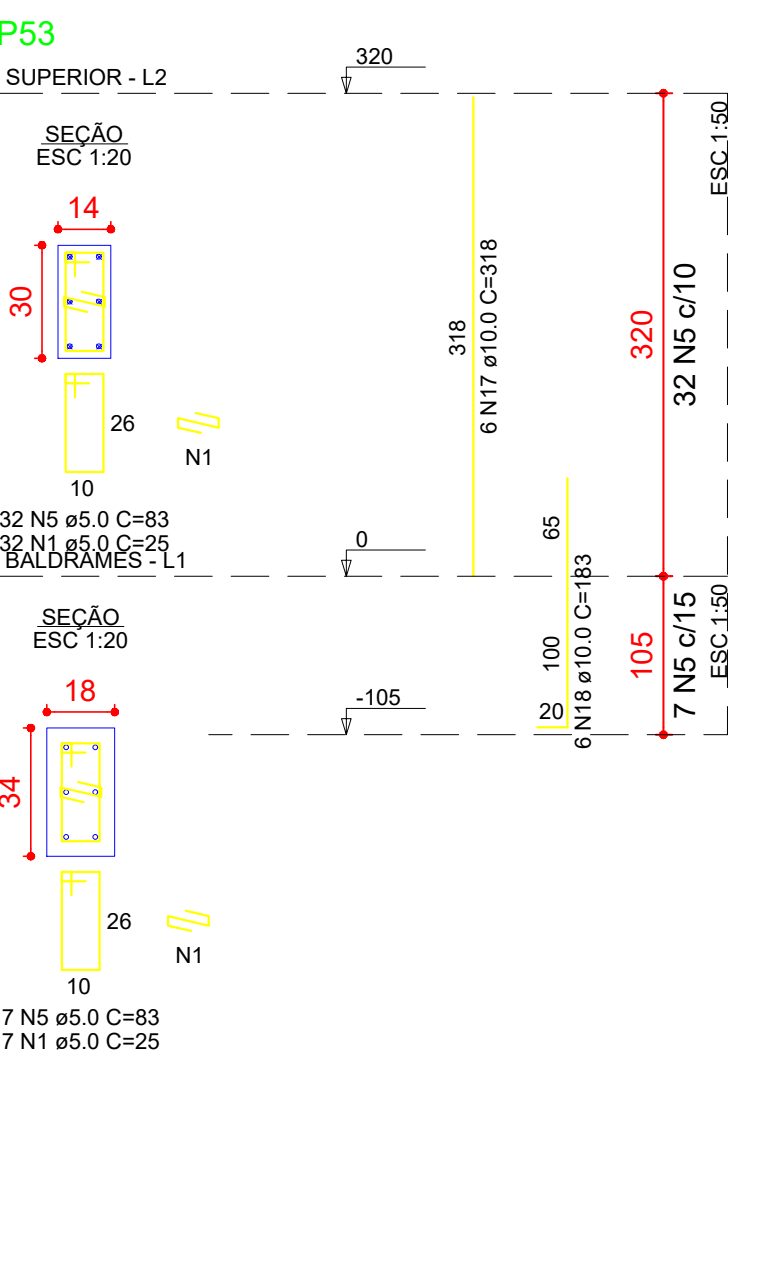
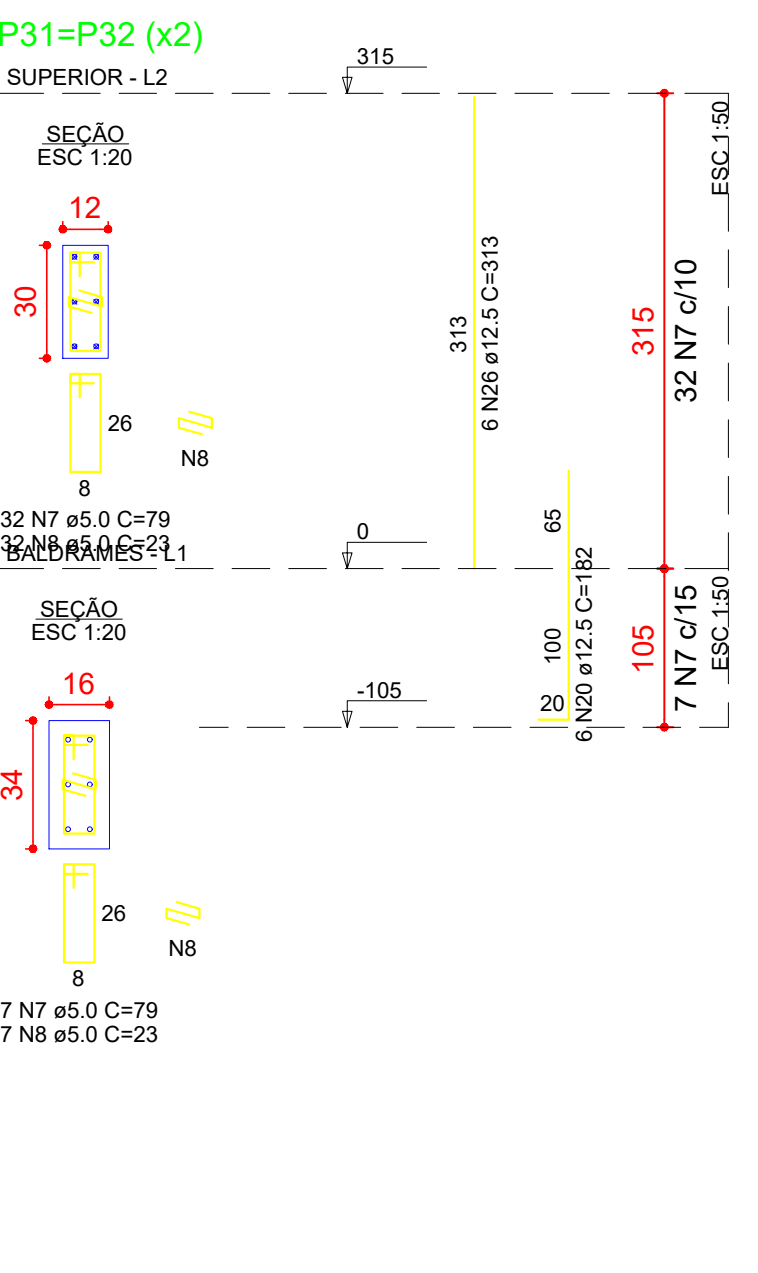
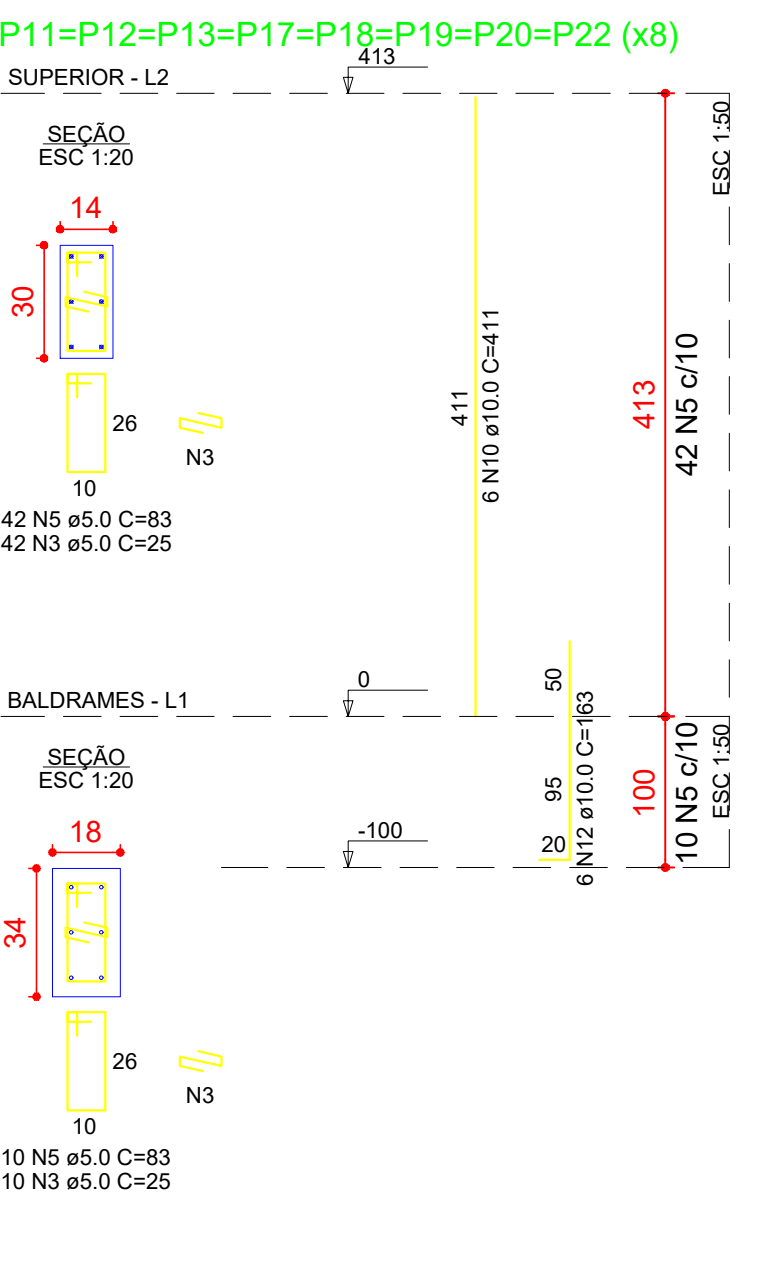
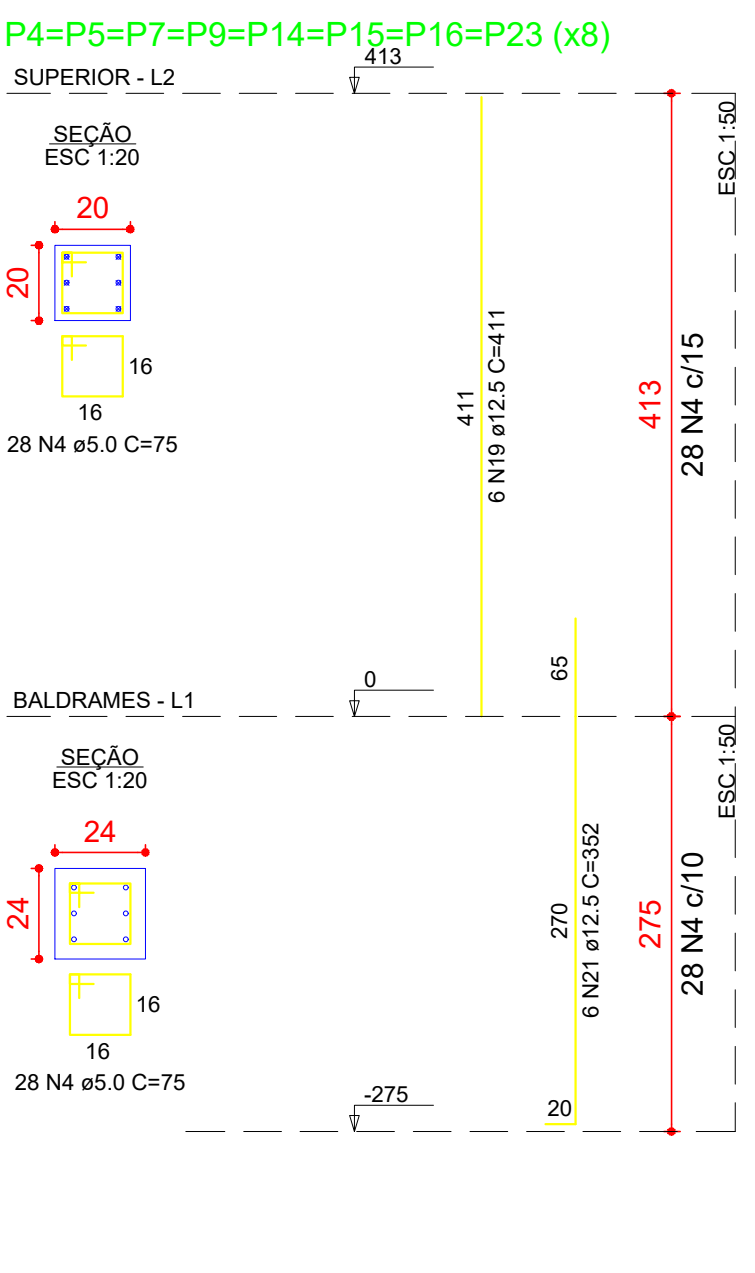
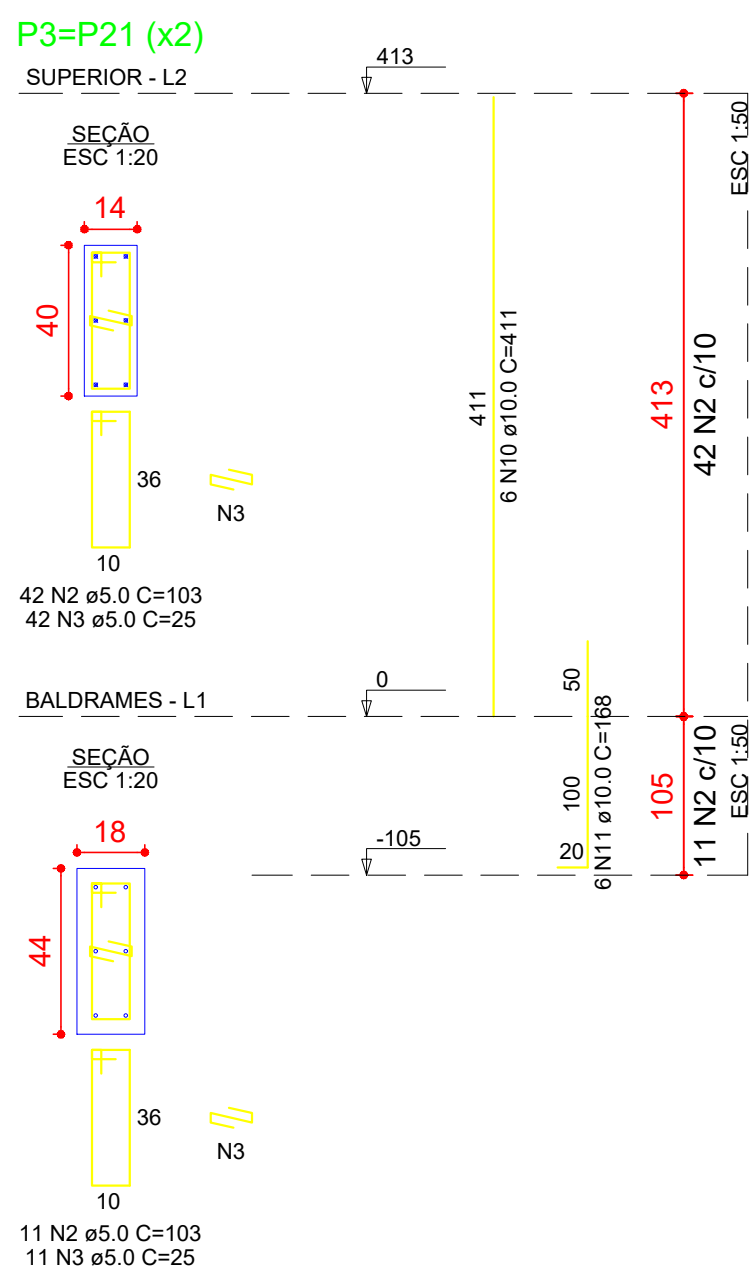
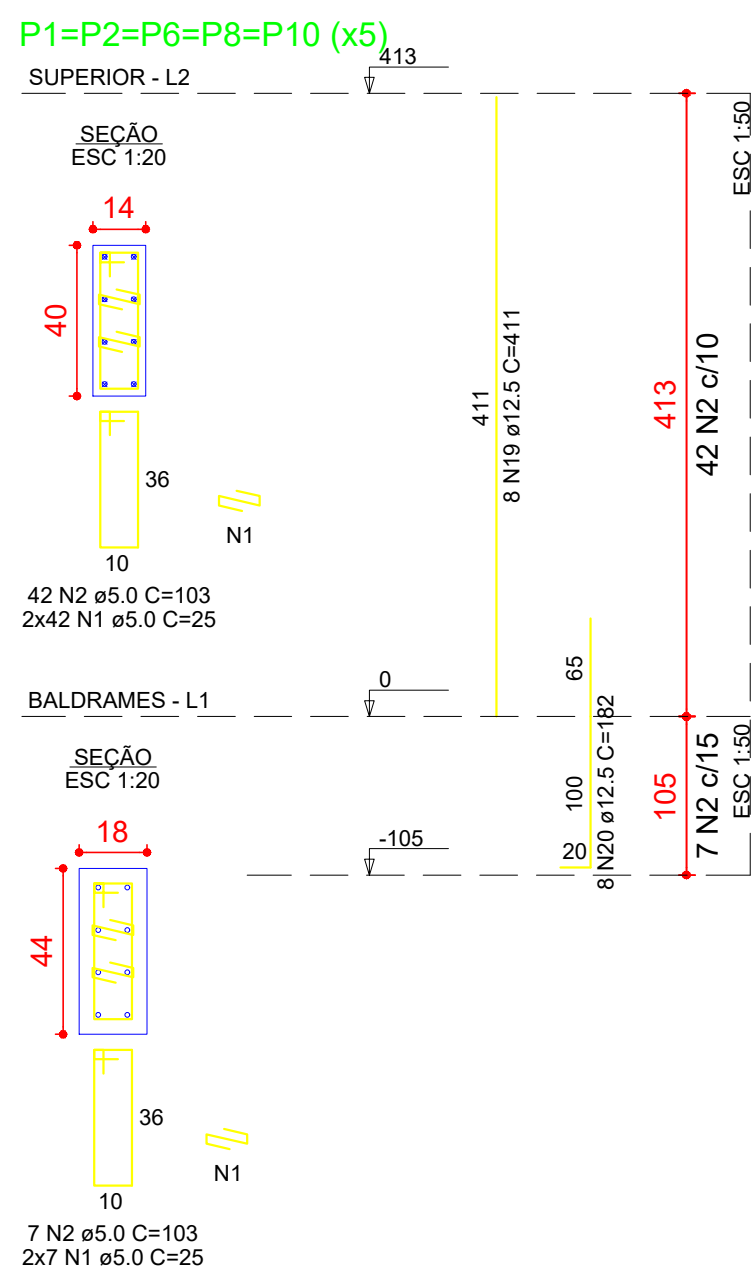
RELAÇÃO DO AÇO						
V1	V2	V3	V4	V5	V6	V7
V8	V9	V10	V11	V12	V13	V14
ACAO	N	DIAM	QUANT	C UNIT	C TOTAL	C TOTAL
CABO	1	5,0	150	75	10800	10800
CABO	2	5,0	150	75	10800	10800
CABO	3	5,0	150	75	10800	10800
CABO	4	5,0	150	75	10800	10800
CABO	5	5,0	150	75	10800	10800
CABO	6	5,0	150	75	10800	10800
CABO	7	5,0	150	75	10800	10800
CABO	8	5,0	150	75	10800	10800
CABO	9	5,0	150	75	10800	10800
CABO	10	5,0	150	75	10800	10800
CABO	11	5,0	150	75	10800	10800
CABO	12	5,0	150	75	10800	10800
CABO	13	5,0	150	75	10800	10800
CABO	14	5,0	150	75	10800	10800
CABO	15	5,0	150	75	10800	10800
CABO	16	5,0	150	75	10800	10800
CABO	17	5,0	150	75	10800	10800
CABO	18	5,0	150	75	10800	10800
CABO	19	5,0	150	75	10800	10800
CABO	20	5,0	150	75	10800	10800

RESUMO DO AÇO						
ACAO	DIAM	C TOTAL	PESO + 10%	PESO + 10%	PESO + 10%	PESO + 10%
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1

Volume de concreto (C-30) = 1,79 m³

Área de forma = 37,42 m²

Detalhes das vigas (Torre - Nível 1053,5) e (Platibanda da Ampliação Nível 787)
escala 1:50

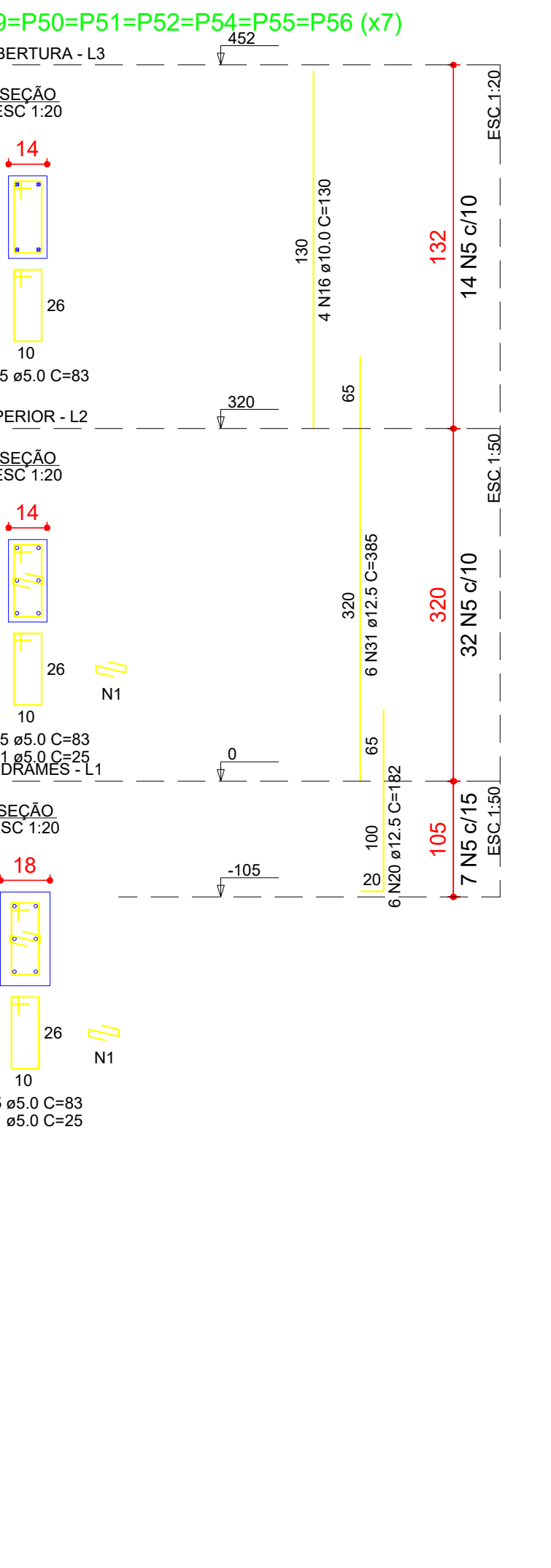
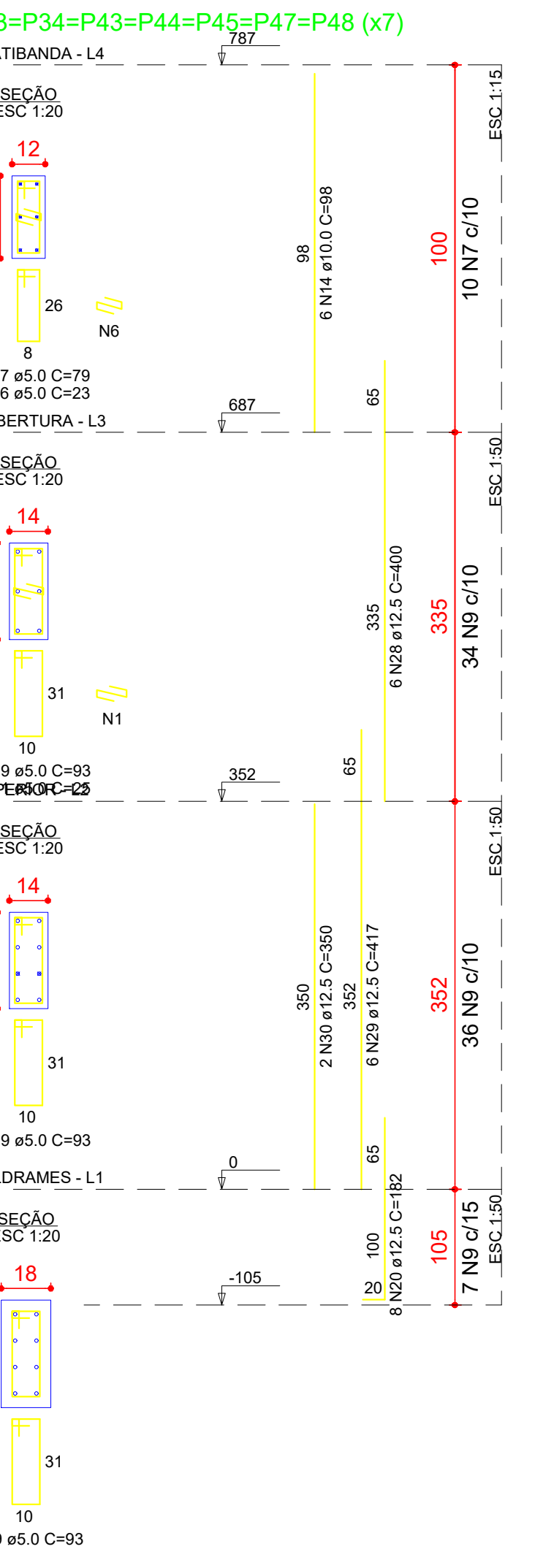
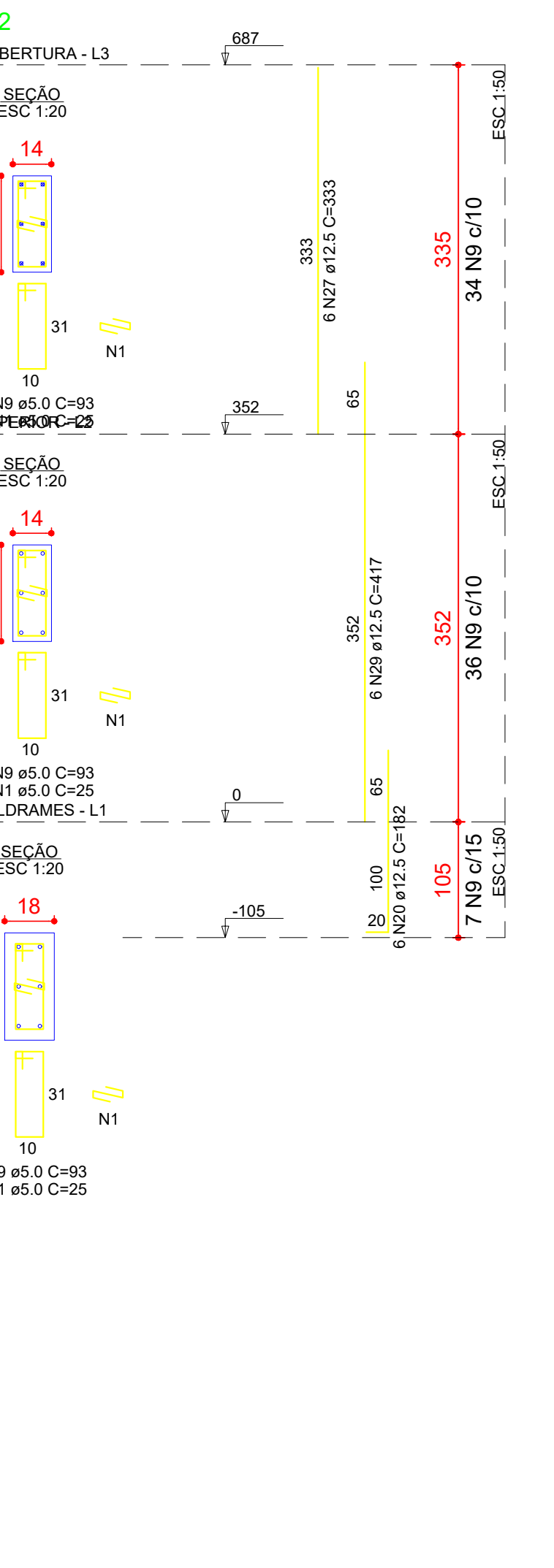
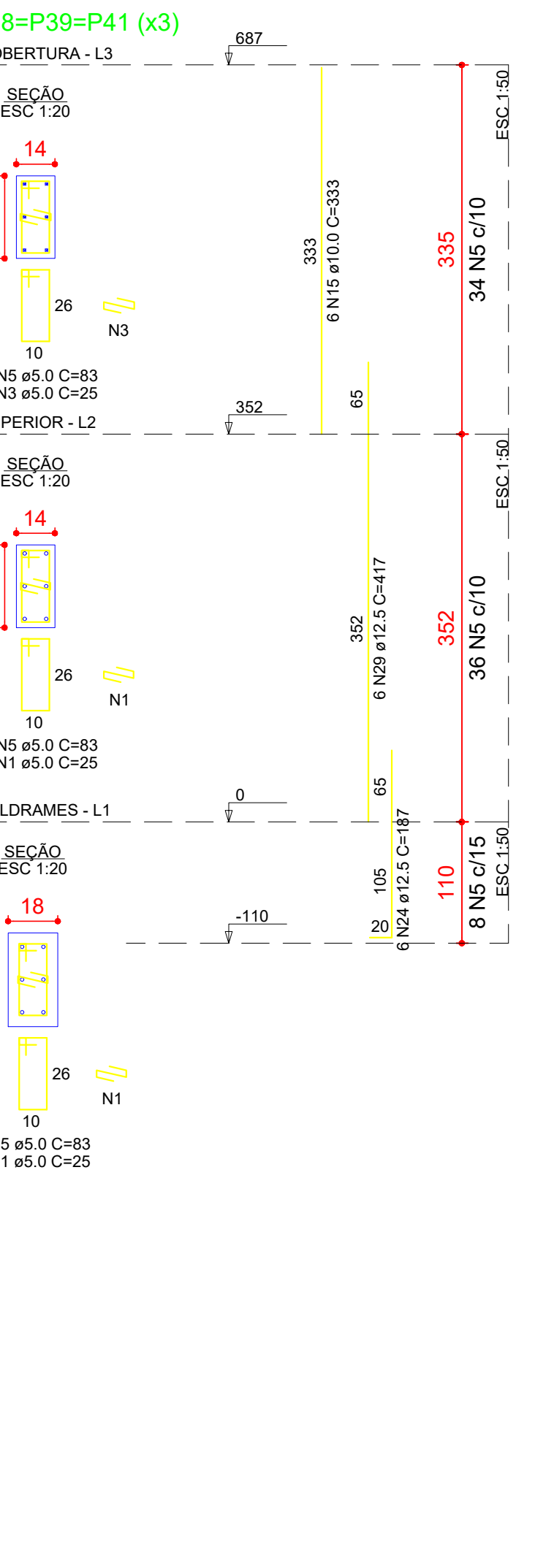
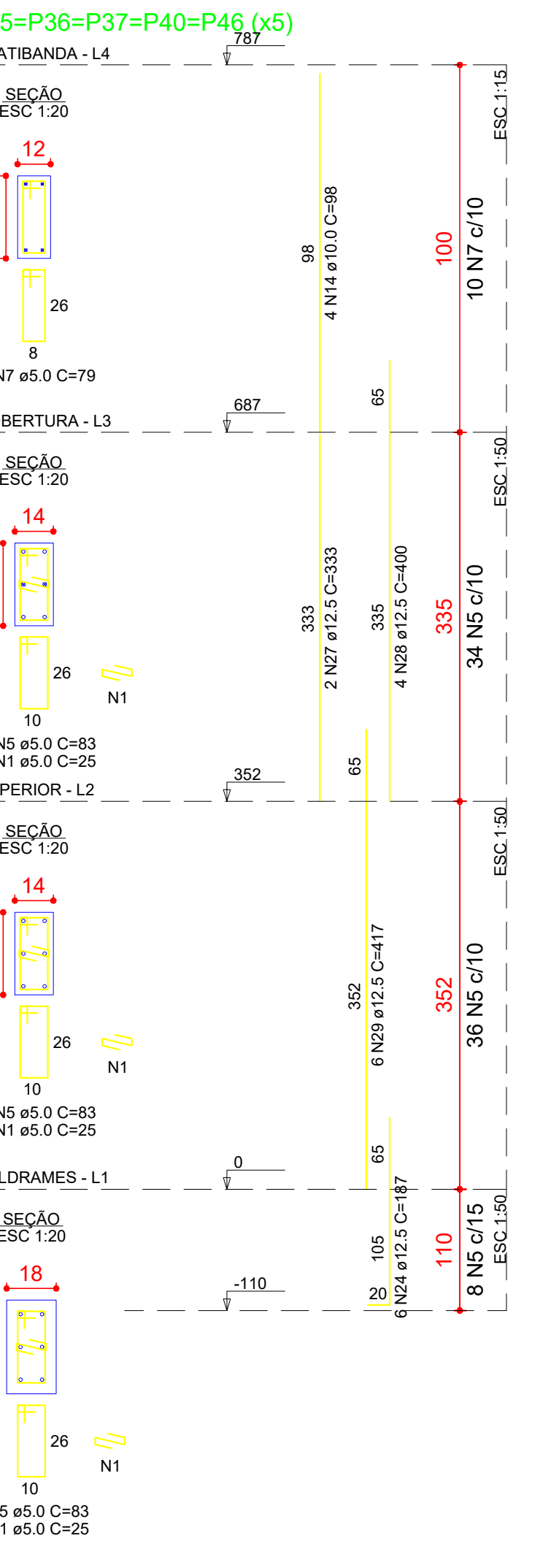
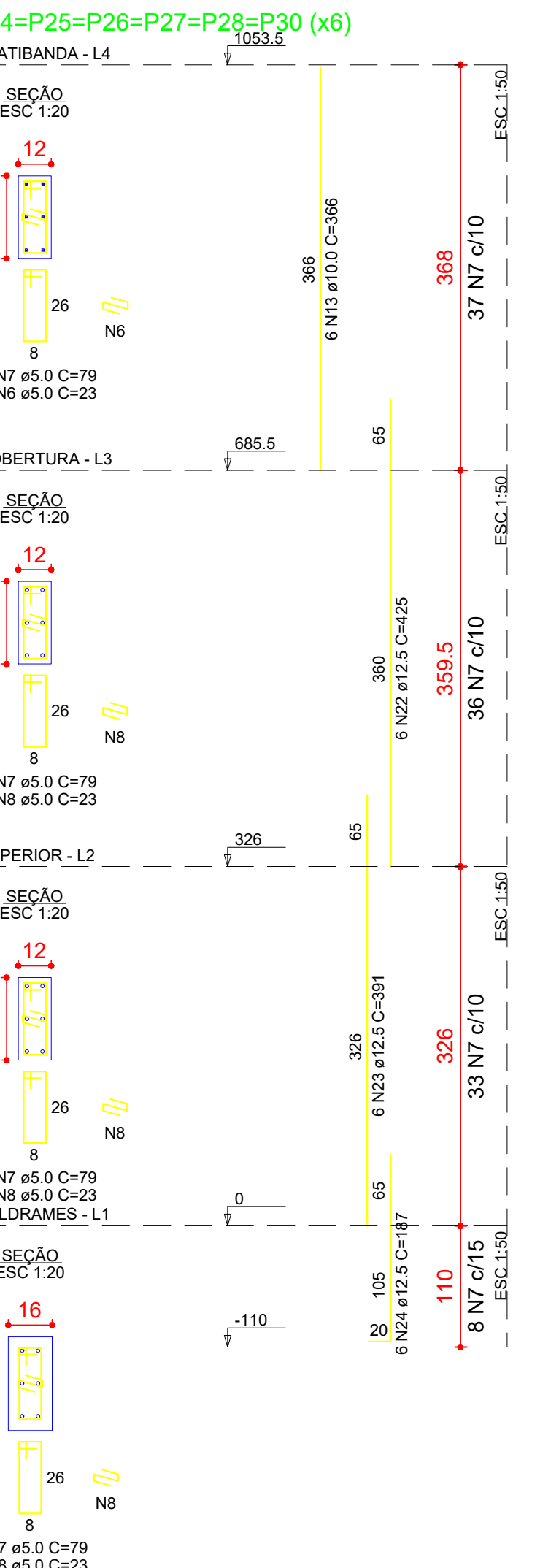
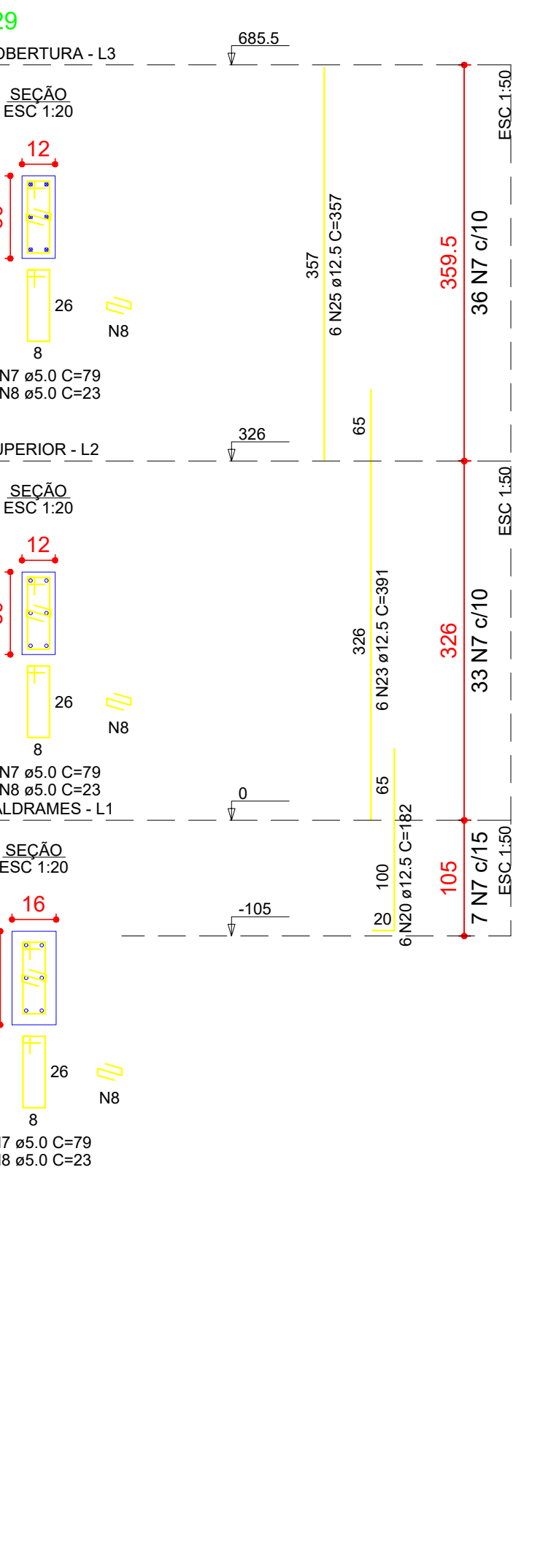


RELAÇÃO DO AÇO						
ACAO	N	DIAM	QUANT	C UNIT	C TOTAL	C TOTAL
CABO	1	5,0	150	75	10800	10800
CABO	2	5,0	150	75	10800	10800
CABO	3	5,0	150	75	10800	10800
CABO	4	5,0	150	75	10800	10800
CABO	5	5,0	150	75	10800	10800
CABO	6	5,0	150	75	10800	10800
CABO	7	5,0	150	75	10800	10800
CABO	8	5,0	150	75	10800	10800
CABO	9	5,0	150	75	10800	10800
CABO	10	5,0	150	75	10800	10800
CABO	11	5,0	150	75	10800	10800
CABO	12	5,0	150	75	10800	10800
CABO	13	5,0	150	75	10800	10800
CABO	14	5,0	150	75	10800	10800
CABO	15	5,0	150	75	10800	10800
CABO	16	5,0	150	75	10800	10800
CABO	17	5,0	150	75	10800	10800
CABO	18	5,0	150	75	10800	10800
CABO	19	5,0	150	75	10800	10800
CABO	20	5,0	150	75	10800	10800

RESUMO DO AÇO						
ACAO	DIAM	C TOTAL	PESO + 10%	PESO + 10%	PESO + 10%	PESO + 10%
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1
CABO	5,0	219,2	85,1	85,1	85,1	85,1

Volume de concreto (C-30) = 18,49 m³

Área de forma = 359,61 m²



Detalhes dos pilares em prumada
escala 1:50