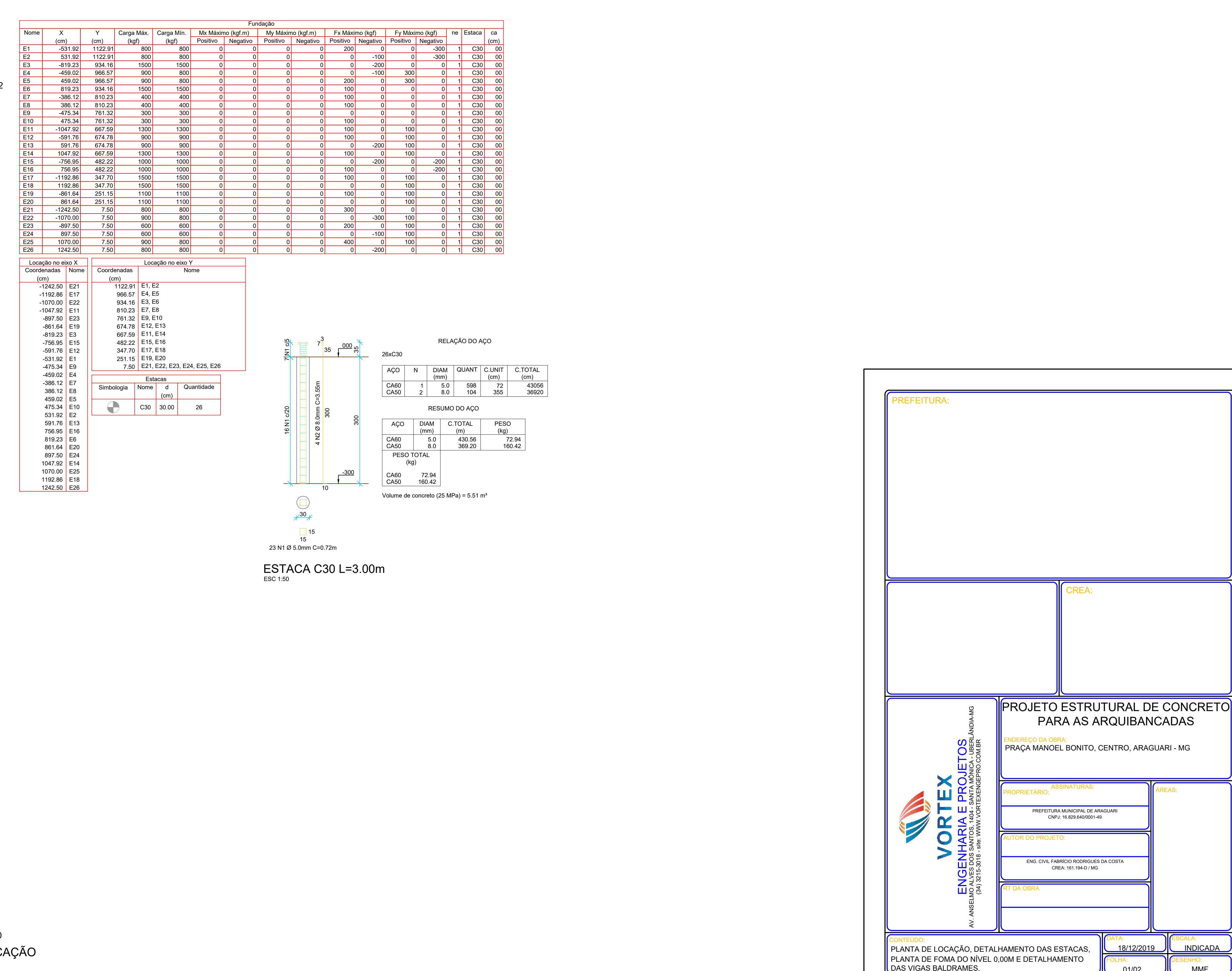
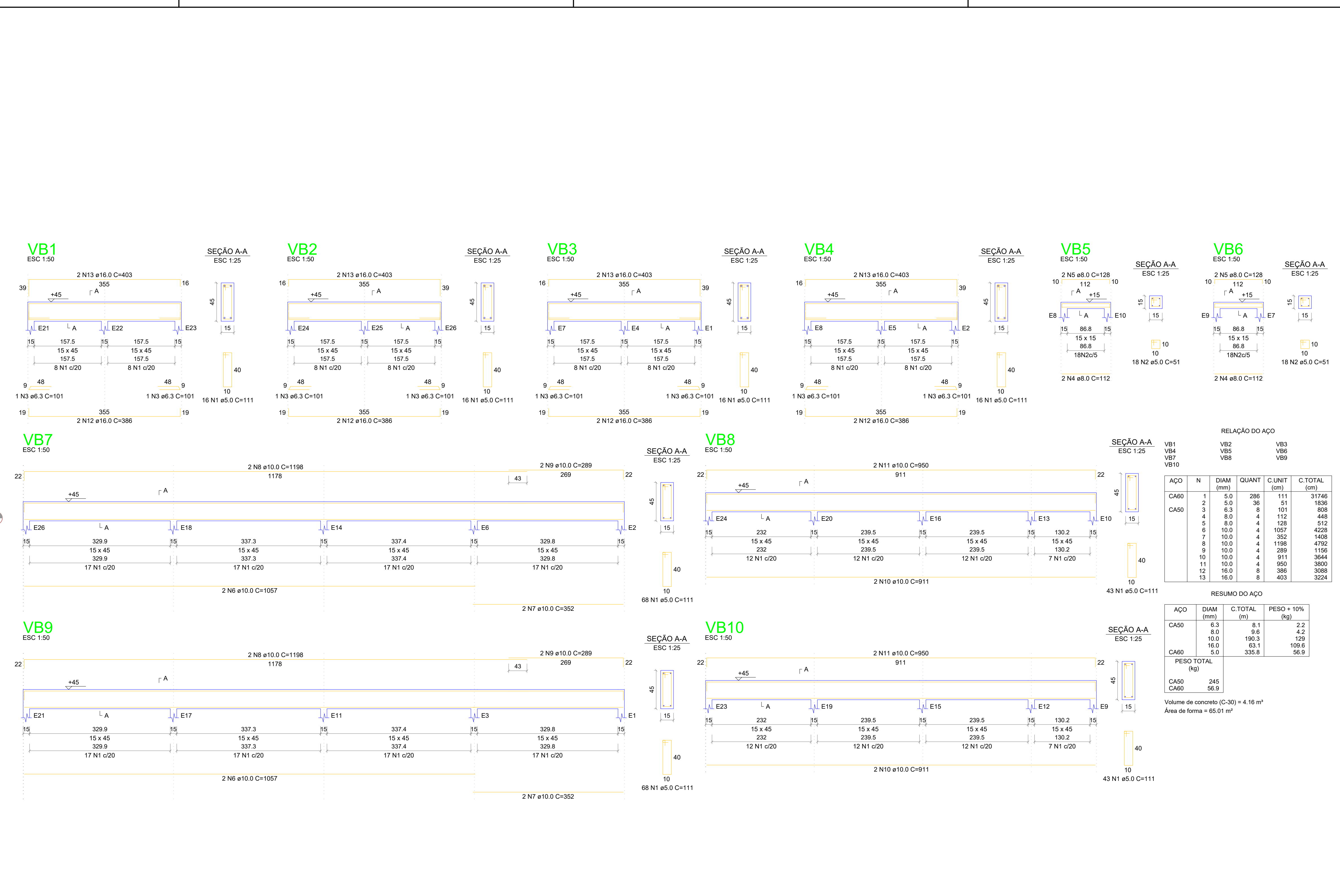




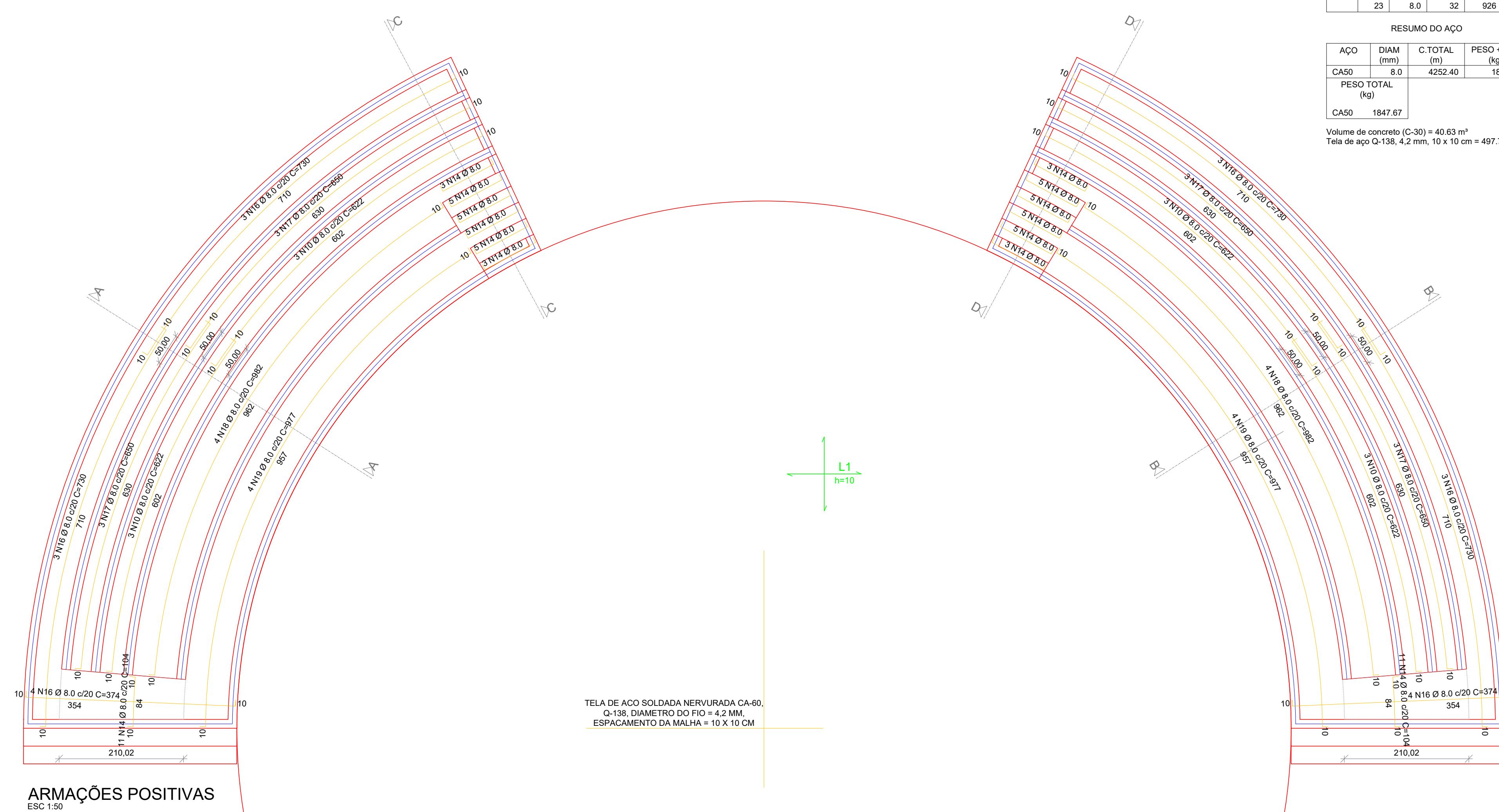
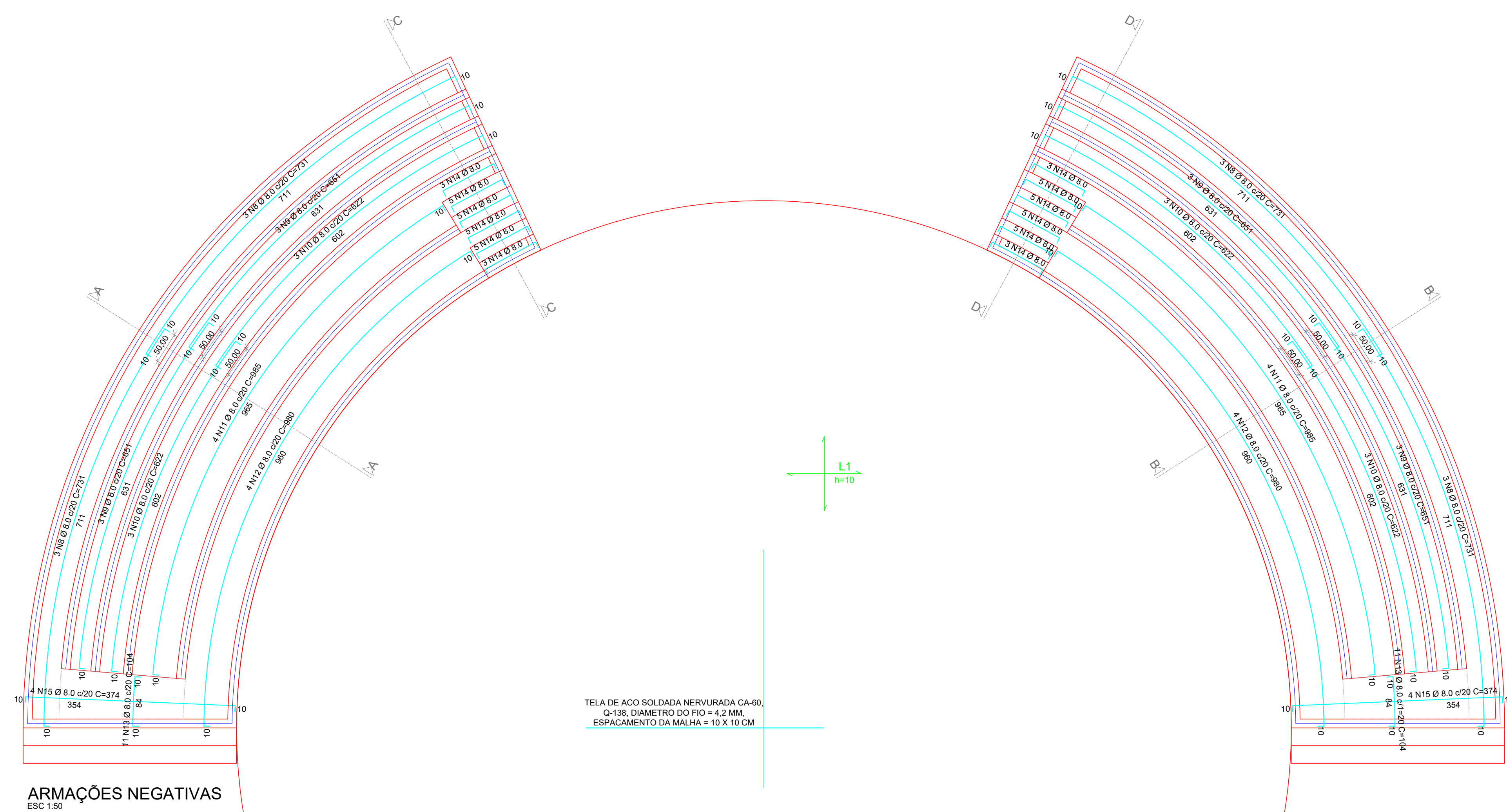
RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.LIMIT (mm)	C.TOTAL (mm)
CASO 1	1	8.0	126	172	21872
	2	8.0	122	152	18144
	3	8.0	116	162	19672
	4	8.0	188	232	43616
	5	8.0	402	142	64184
	6	8.0	122	112	9064
	7	8.0	82	402	18144
	8	8.0	12	731	8712
	9	8.0	12	651	7812
	10	8.0	24	622	14028
	11	8.0	8	985	7840
	12	8.0	8	980	7640
	13	8.0	14	1014	4076
	14	8.0	104	120	12480
	15	8.0	16	374	5984
	16	8.0	12	730	8780
	17	8.0	12	650	7880
	18	8.0	8	982	7656
	19	8.0	8	977	7816
	20	8.0	2	235	39520
	21	8.0	2	182	37624
	22	8.0	2	124	35068
	23	8.0	2	820	78432

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	4252.40	1847.67
PESO TOTAL (kg)			
CA50	1847.67		

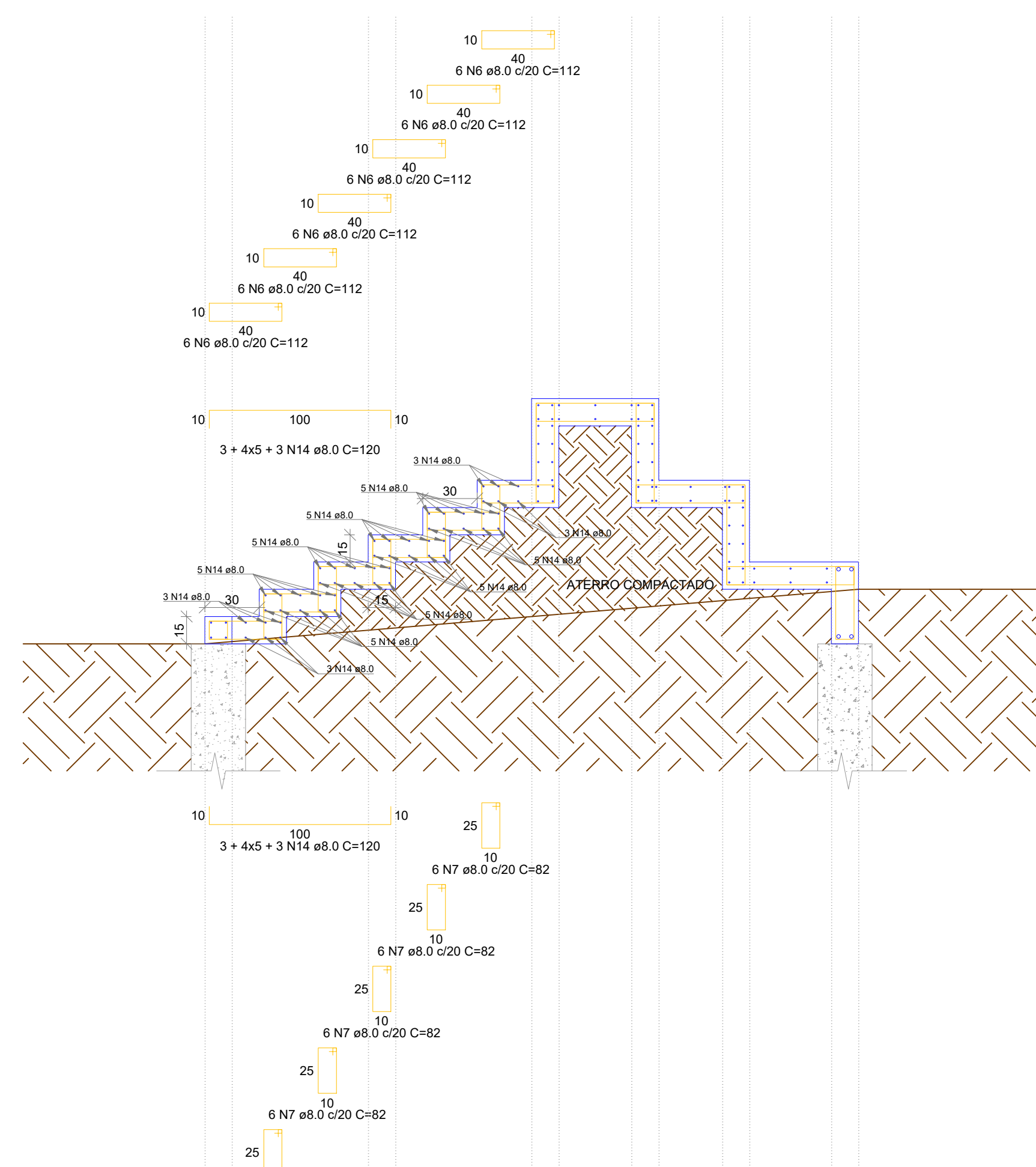
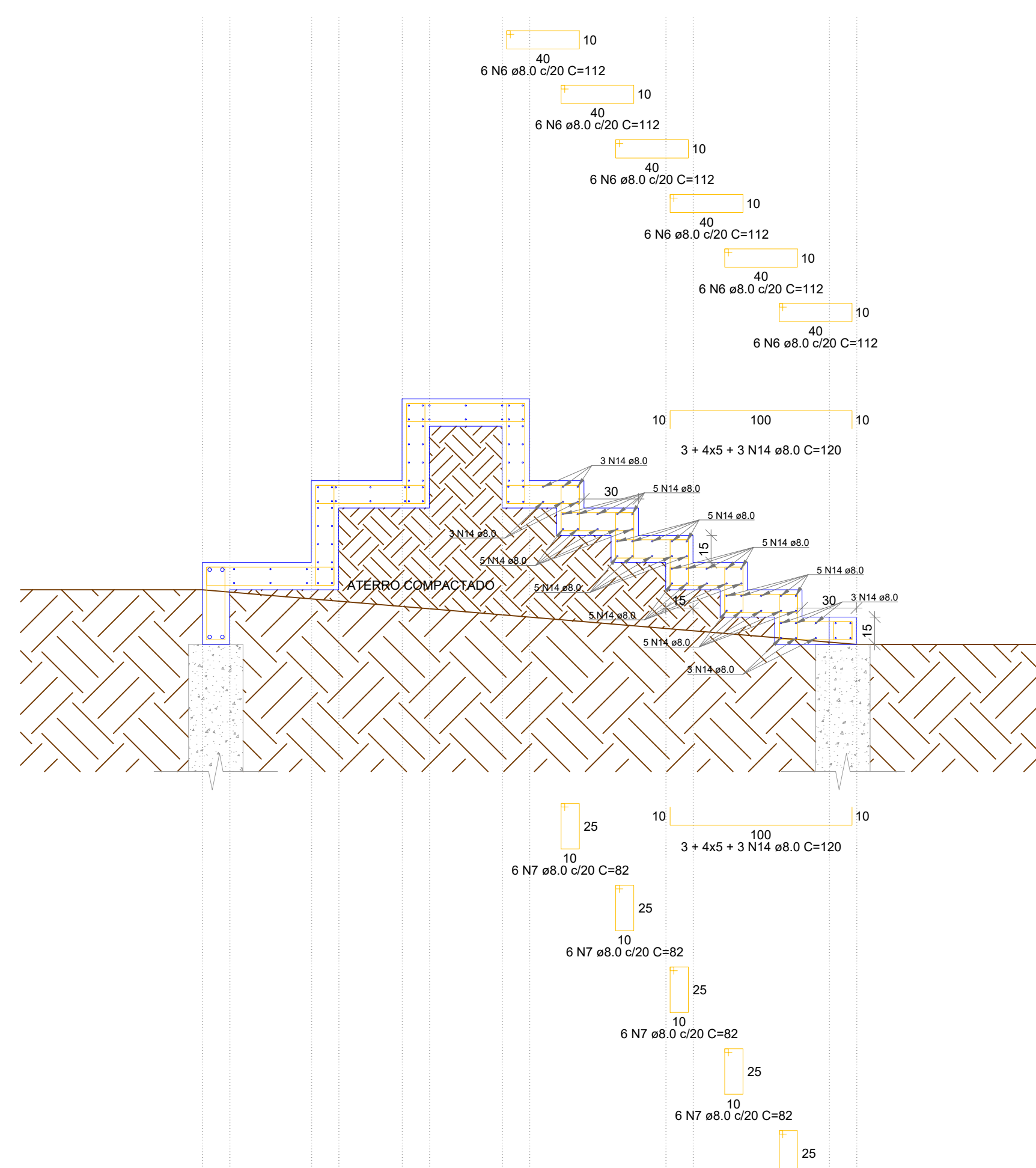
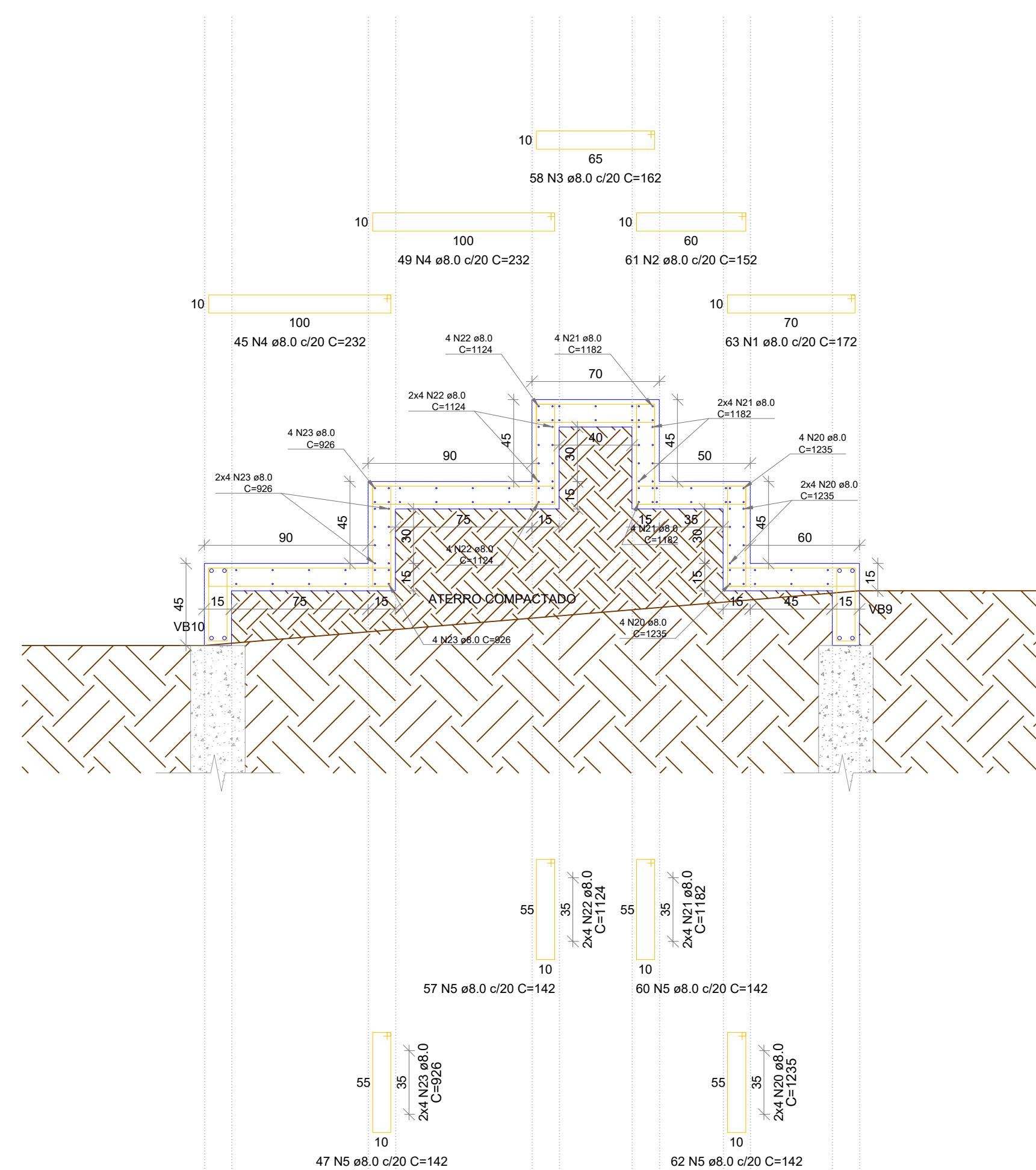
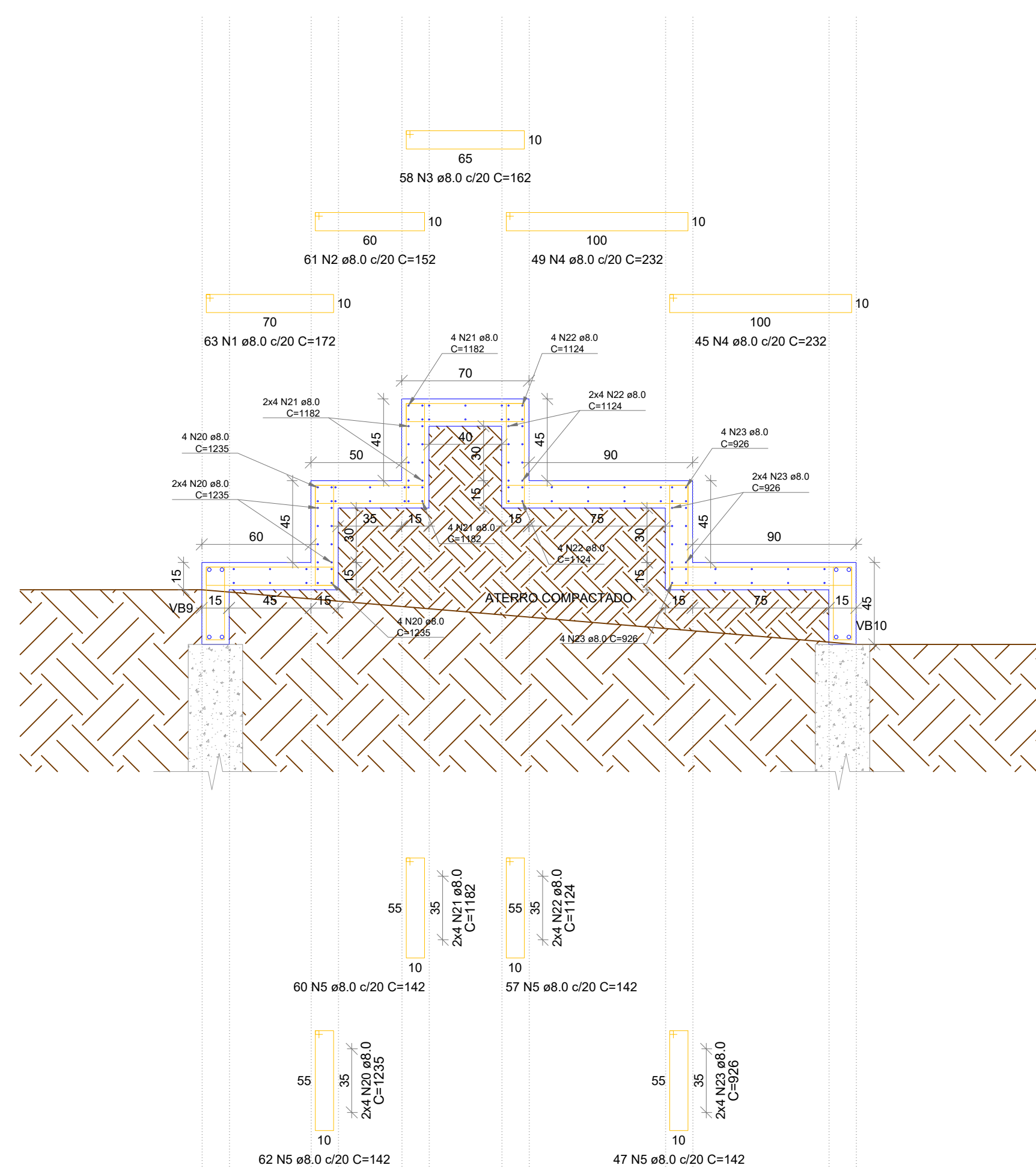
Volume de concreto (C-30) = 40,63 m³
 Tela de aço Q-138, 4,2 mm, 10 x 10 cm = 497,70 m²

Tela de aço Q-138, 4,2 mm, 10 x 10 cm = 497,70m²



OBSERVAÇÃO

- AS LATERAIS DAS ARQUIBANCADAS DEVERÃO SER FECHADAS COM BLOCOS DE CONCRETO, DEVIDAMENTE AMARRADOS E ENCUNHADOS NA ESTRUTURA, E POSTERIORMENTE CHAPISCADOS, REBOCADOS E PINTADOS CONFORME PROJETO ARQUITETÔNICO.



PREFEITURA:

CREA:



VORTEX
ENGENHARIA E PROJETOS

 **VORTEX**
ENGENHARIA E PROJETOS

PROJETO ESTRUTURAL DE CONCRETO PARA AS ARQUIBANCADAS

ENDEREÇO DA OBRA:
PRAÇA MANOEL BONITO, CENTRO, ARAGUARI - MG

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

PROPRIETÁRIO:	ASSINATURAS:	ÁREAS:
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PREFEITURA MUNICIPAL DE ARAQUARI
CNPJ: 16.829.648/0001-43

AUTOR DO PROJETO:

ENG. CIVIL, FABRÍCIO RODRIGUES DA COSTA

RT DA OBRA

