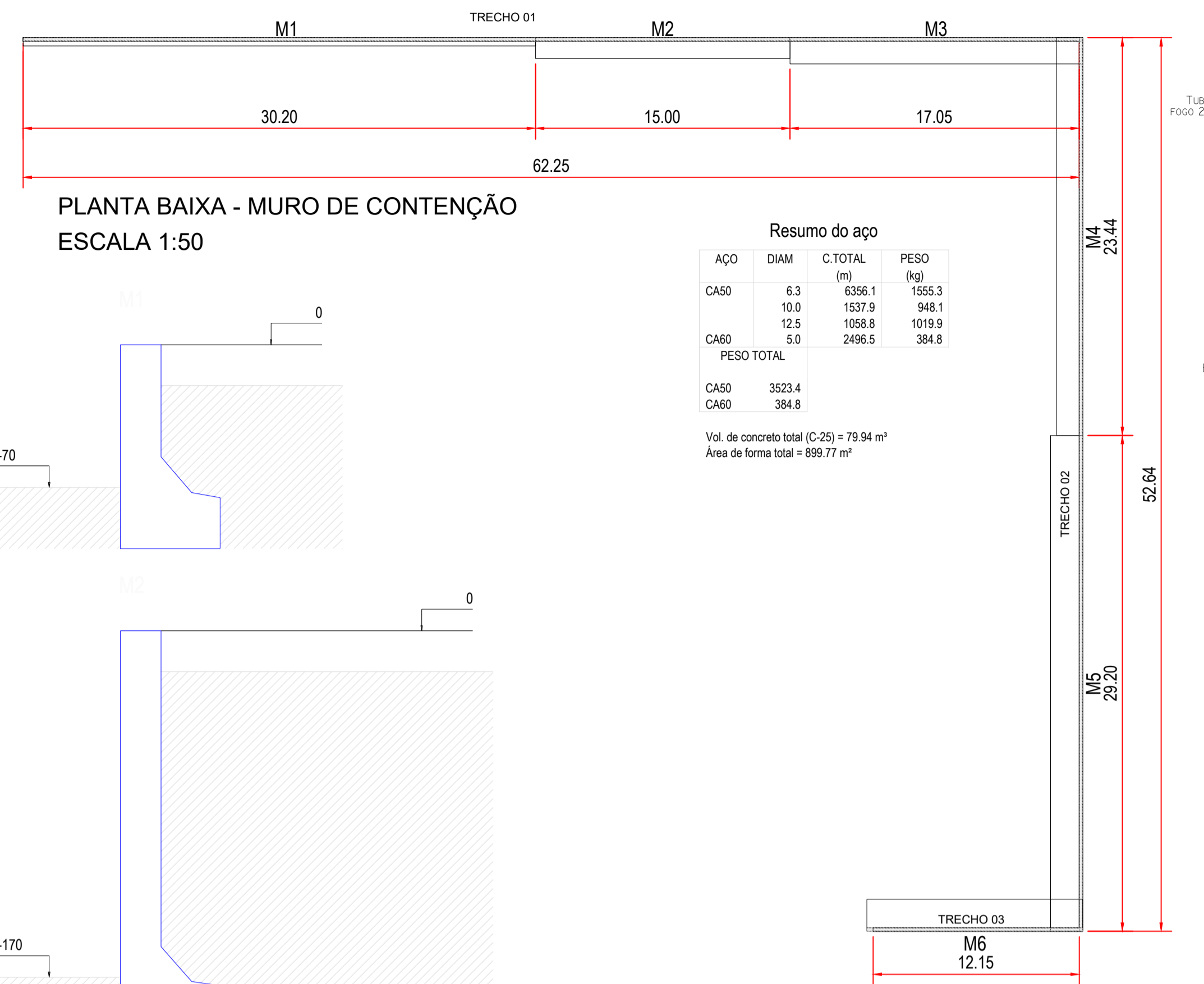


DETALHAMENTOS - MURO DE CONTENÇÃO

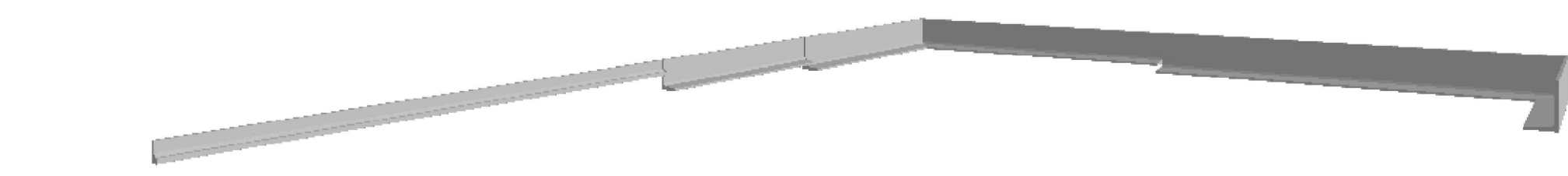
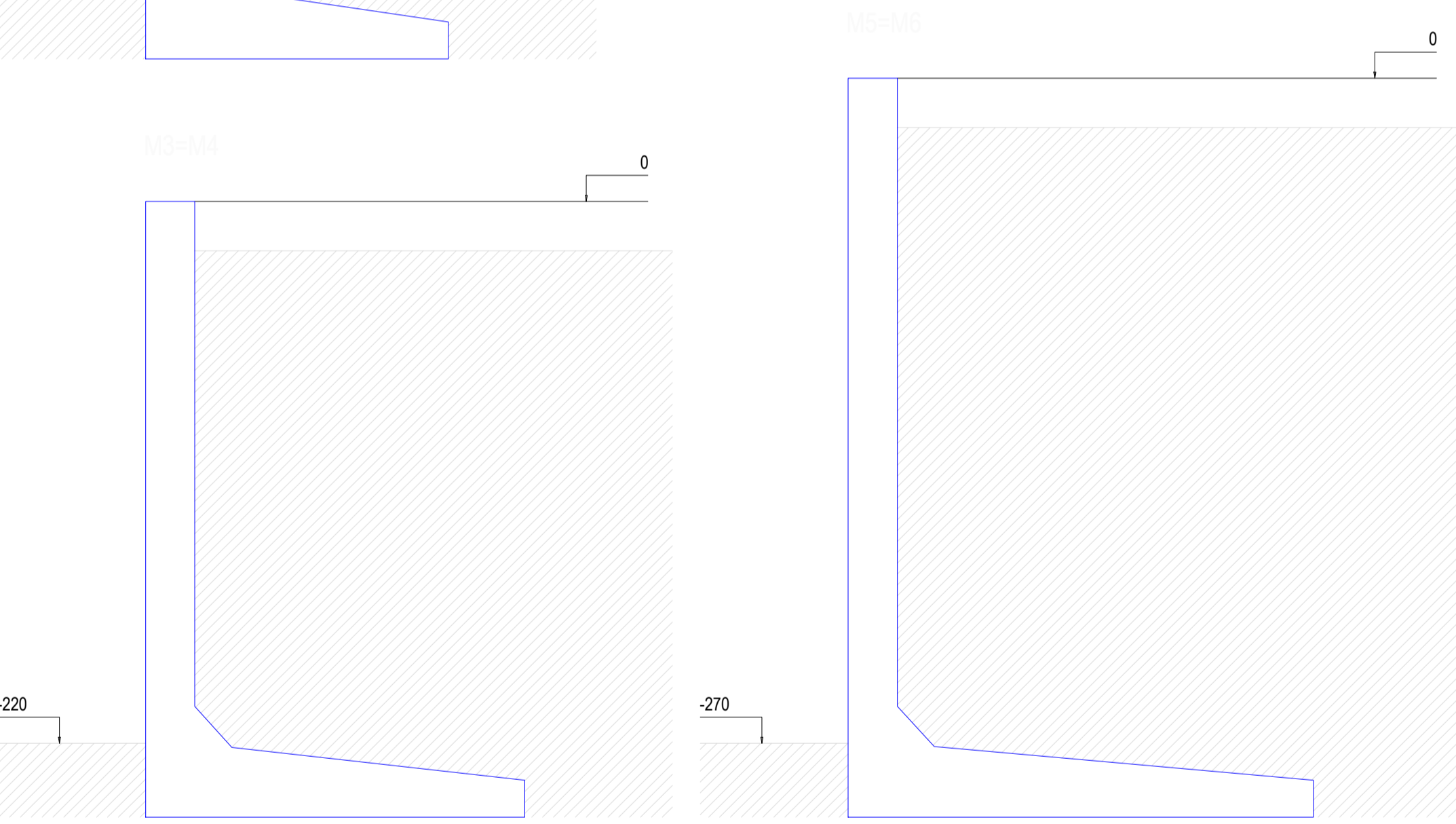


PLANTA BAIXA - MURO DE CONTENÇÃO  
ESCALA 1:50

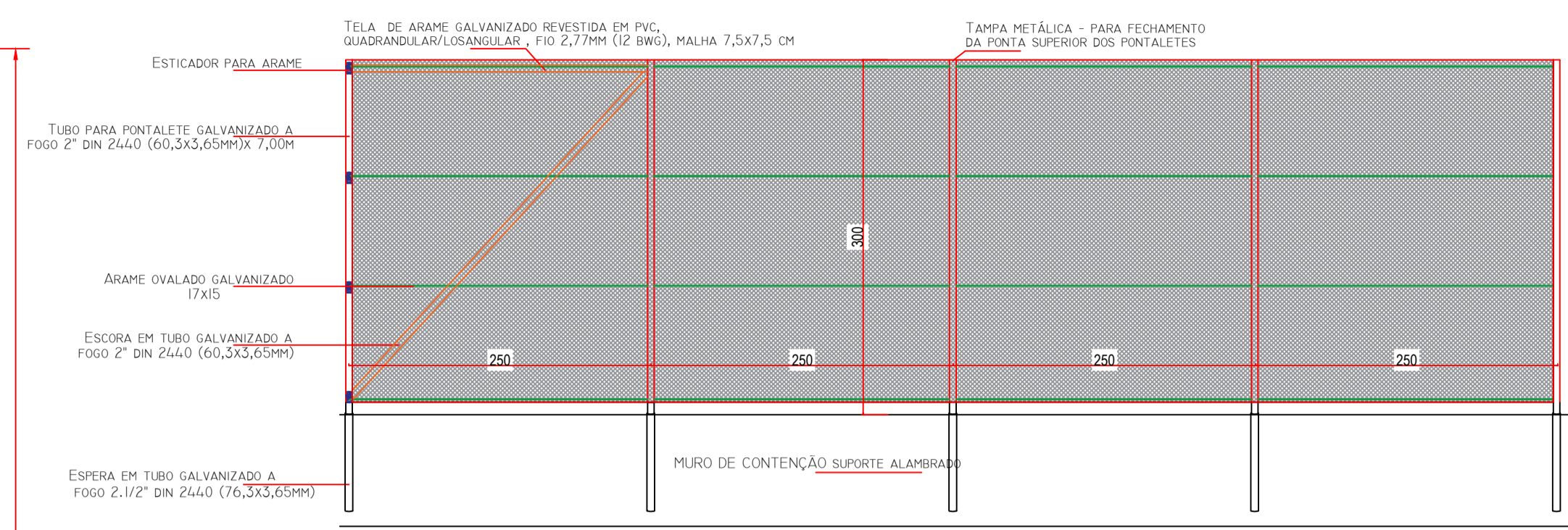
**Resumo do aço**

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	6356.1	1555.3
	10.0	1537.9	948.1
	12.5	1058.8	1019.9
CA60	5.0	2496.5	384.8
<b>PESO TOTAL</b>			
CA50		3523.4	
CA60		384.8	

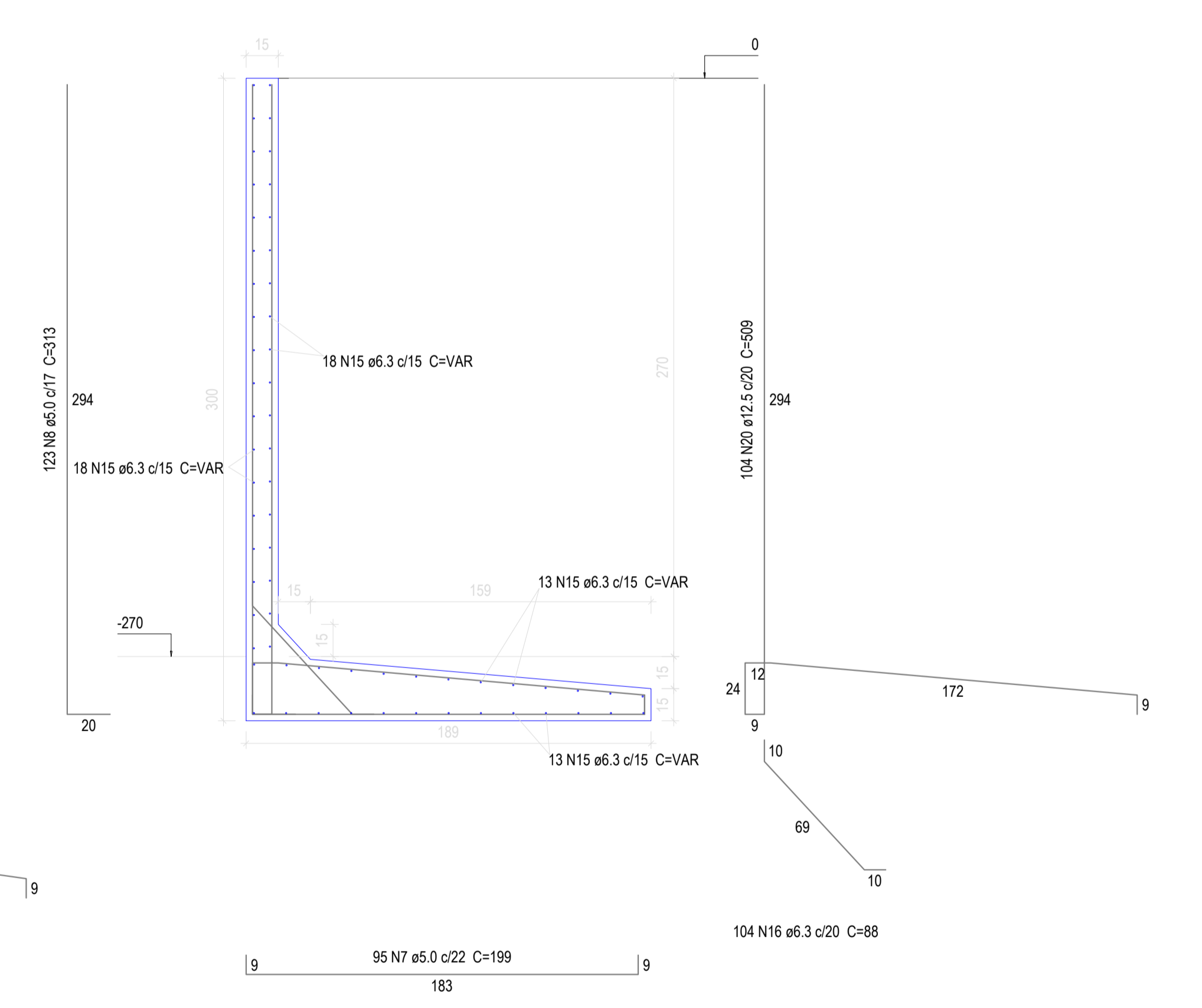
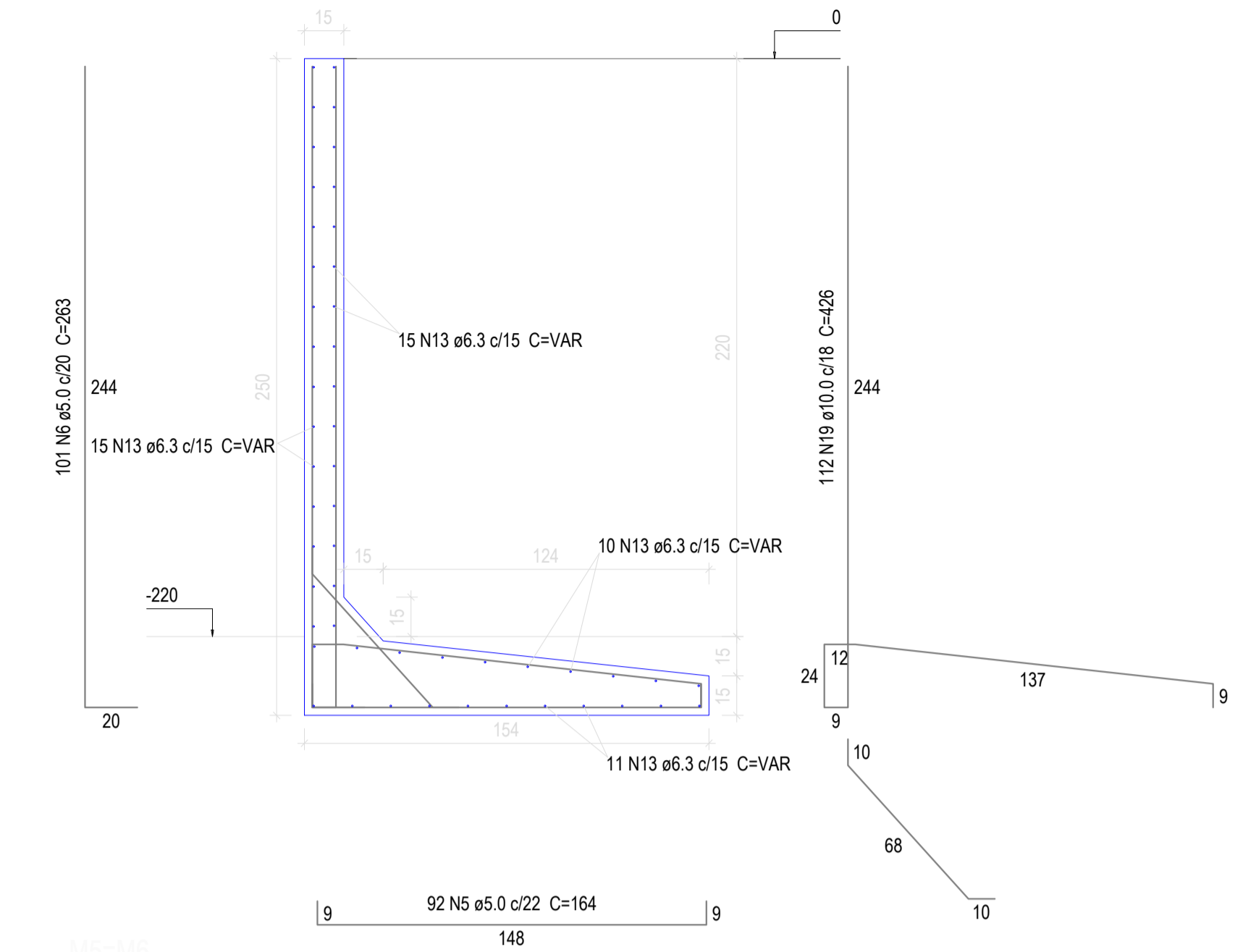
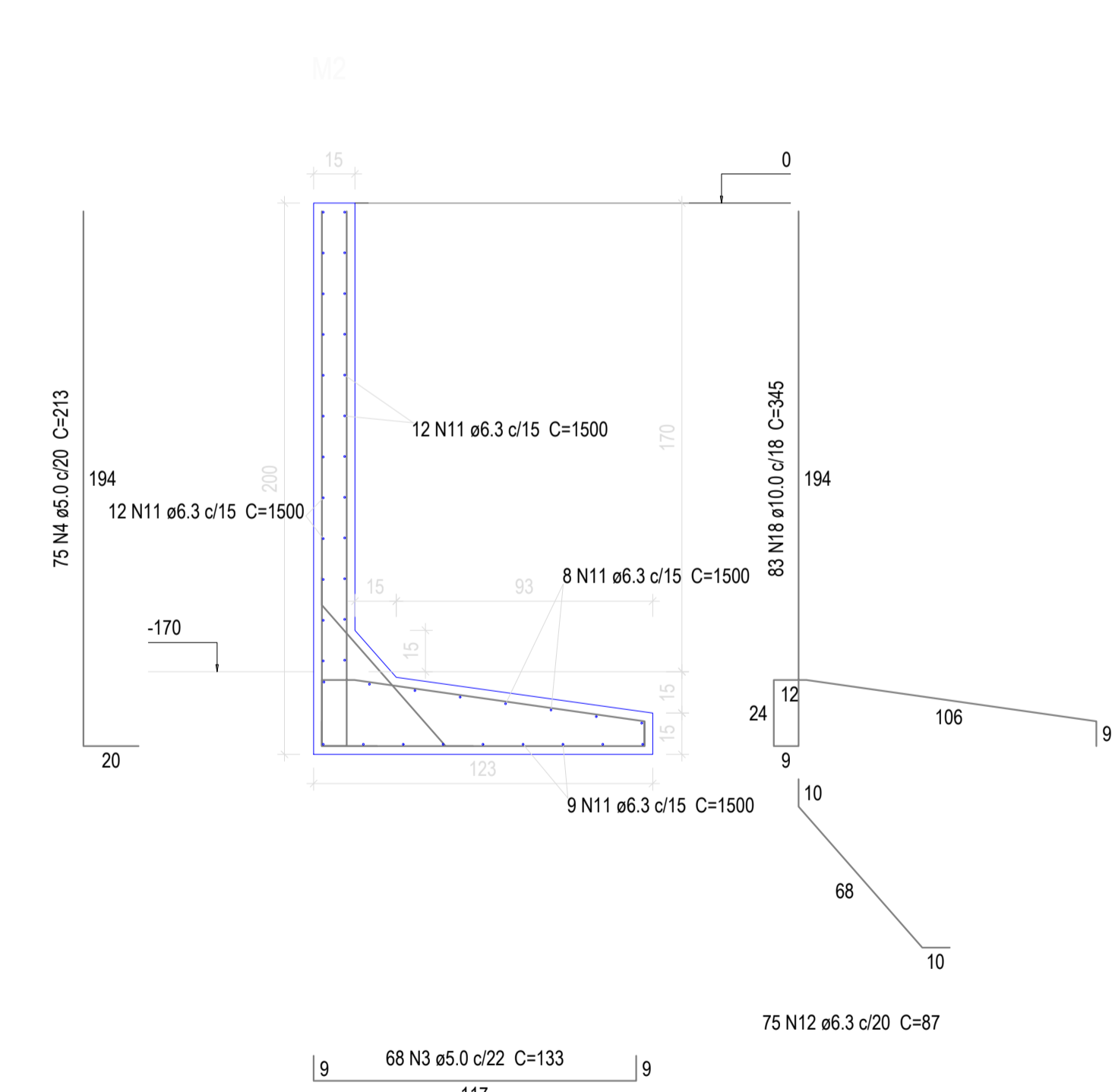
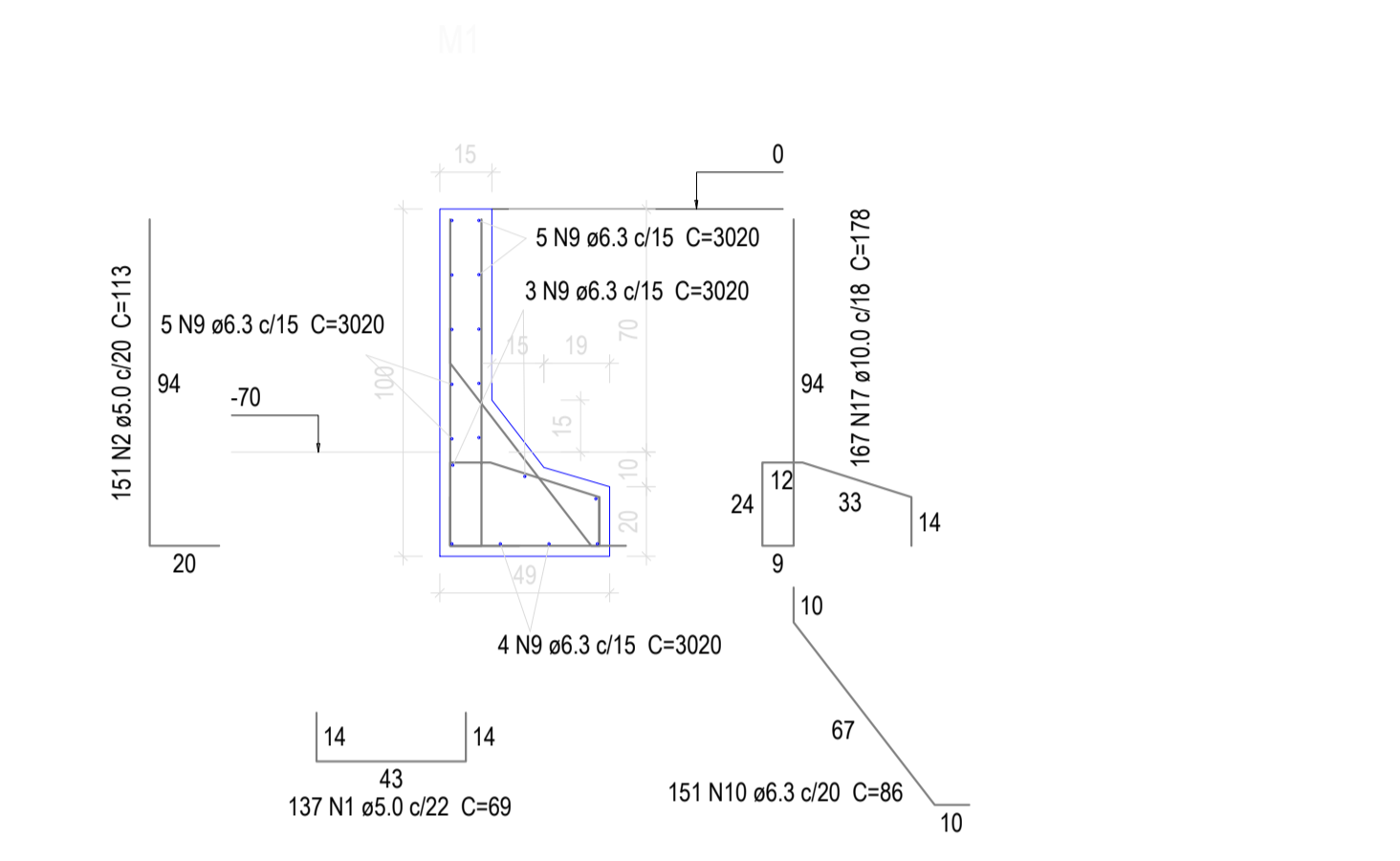
Vol. de concreto total (C-25) = 79.94 m³  
Área de forma total = 899.77 m²



DETALHE 3D - ILUSTRATIVO



DETALHAMENTO GRADIL MURO DE CONTENÇÃO



DETALHE 3D - ILUSTRATIVO

**ADMINISTRAÇÃO**

**PROJETO MODERNIZAÇÃO MÓDULO ESPORTIVO**  
MURO DE CONTENÇÃO EM CONCRETO ARMADO  
CHÁCARA 08 ESTÁDIO MUNICIPAL - PLANALTO - PR

RESPONSÁVEL TÉCNICO: **FABIO SABINO** (CREA PR-144163/D) Engenheiro Civil  
ÁREA INTERVENÇÃO: 869,54m²  
ESCALA: INDICADA  
DATA: MARÇO 2018

LOCALIDADE/BARRIO: Planalto  
RESPONSÁVEL PROJ: FABIO SABINO  
FUNÇÃO: PREFEITO MUNICIPAL

02/09