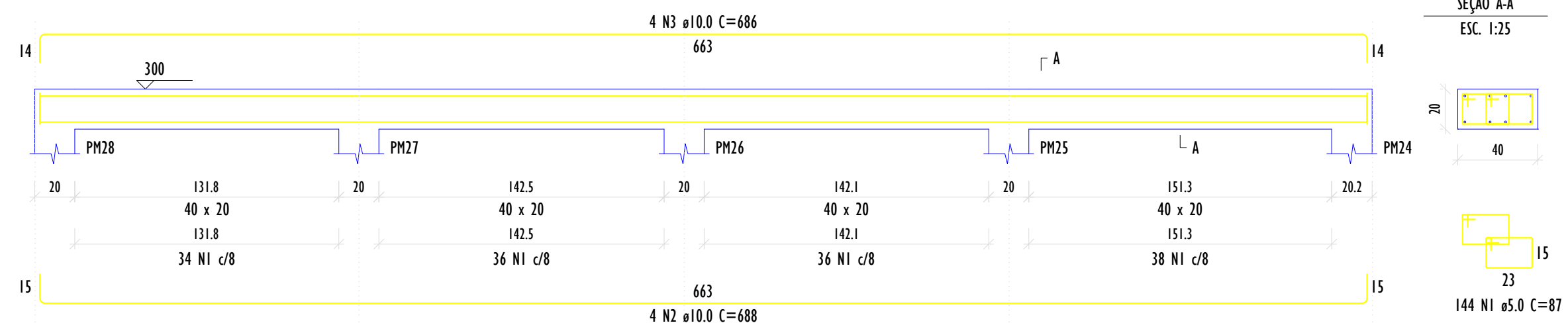


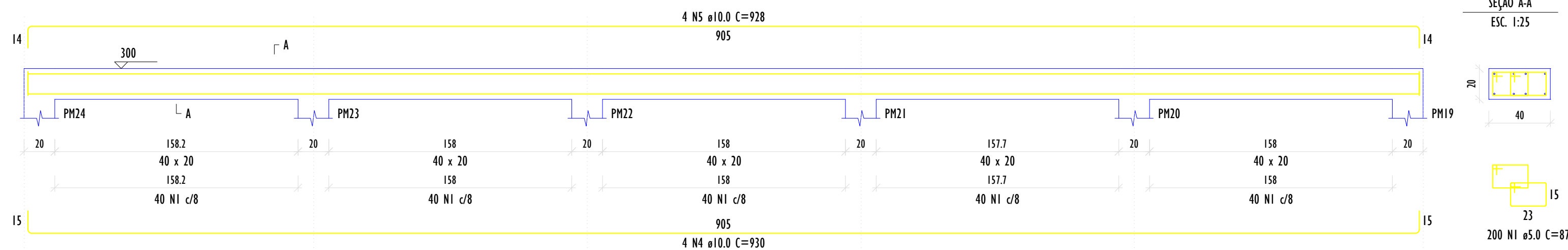
VM4 (40 x 20)

ESC. 1:25



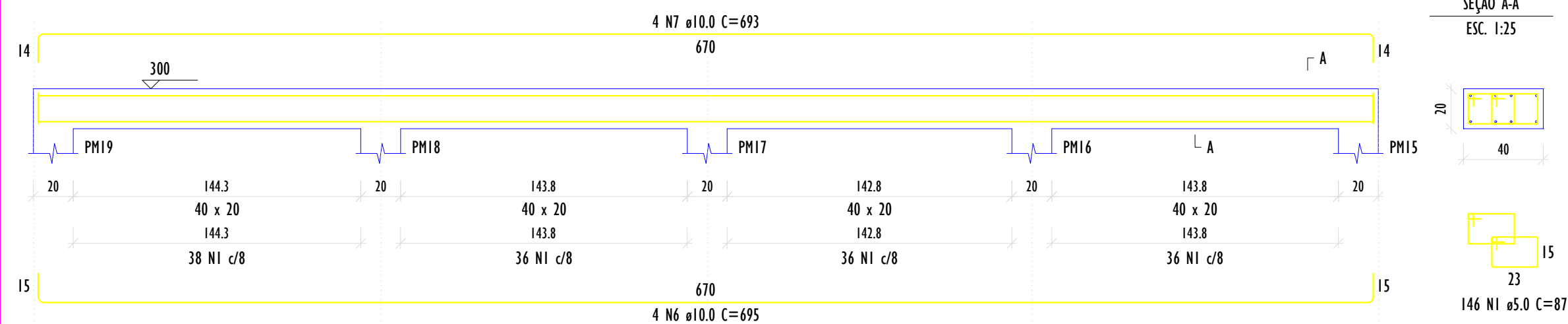
VM5 (40 x 20)

ESC. 1:25



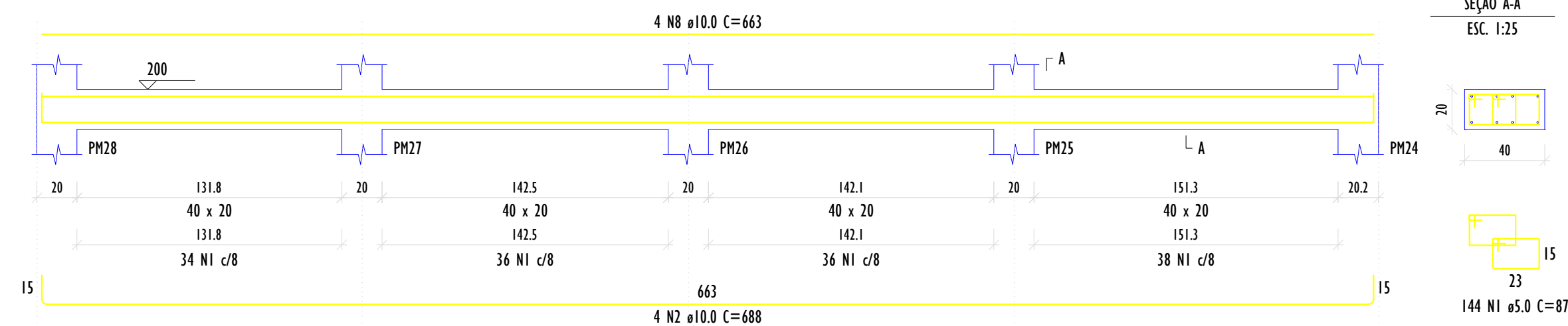
VM6 (40 x 20)

ESC. 1:25



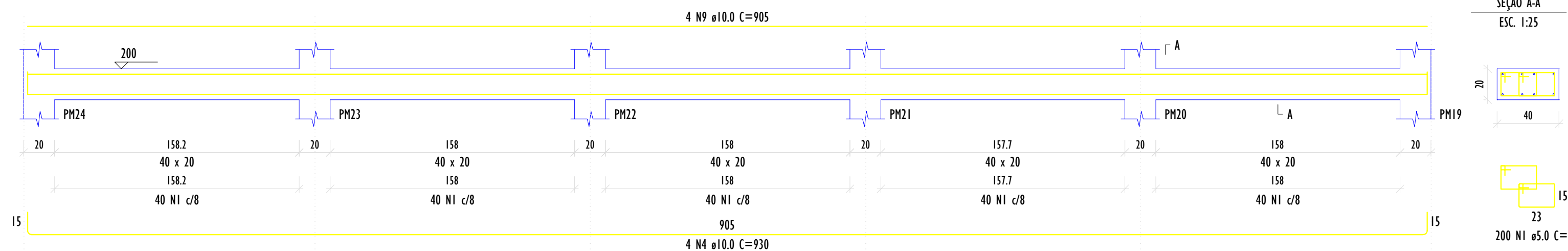
VM10 (40 x 20)

ESC. 1:25



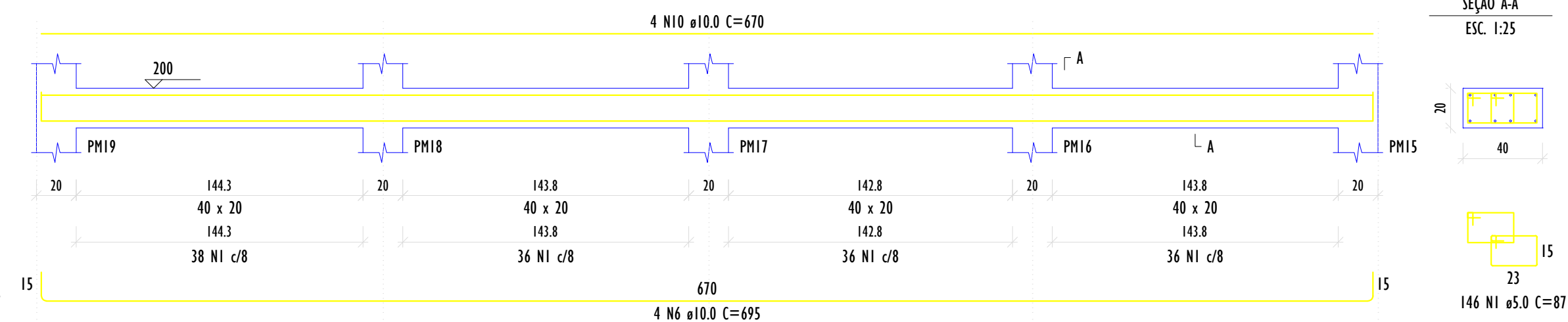
VM11 (40 x 20)

ESC. 1:25



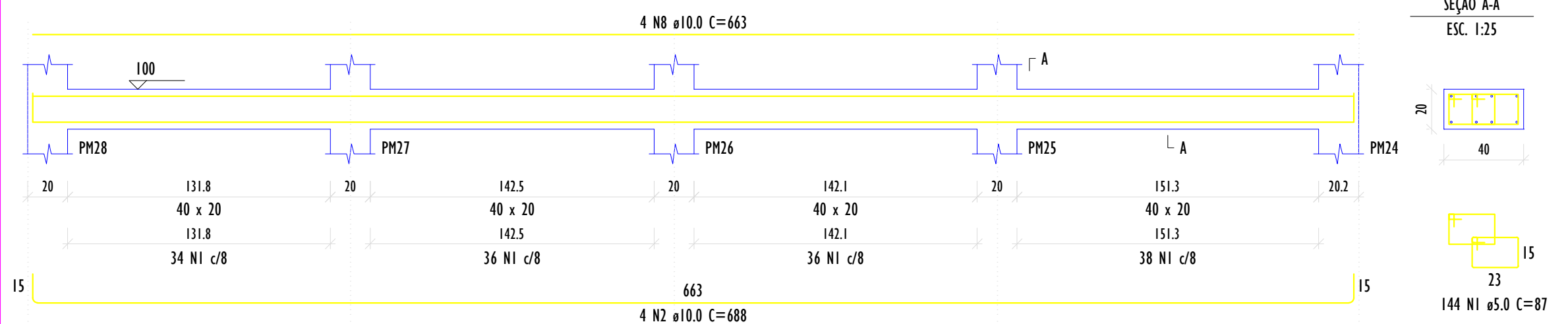
VM12 (40 x 20)

ESC. 1:25



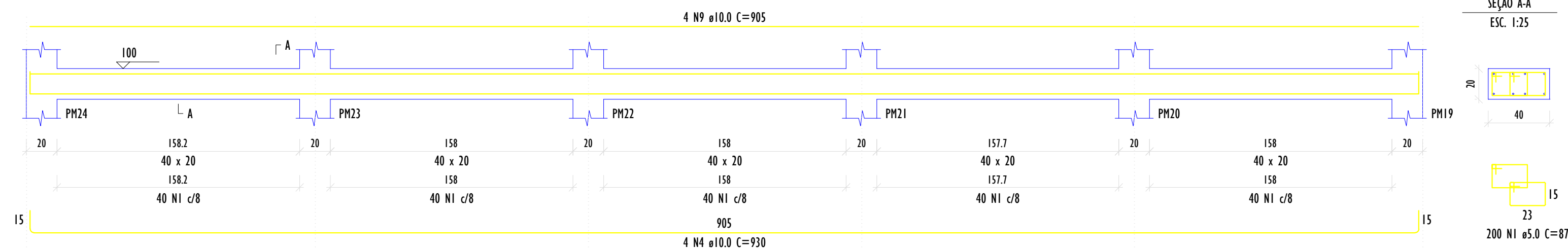
VM16 (40 x 20)

ESC. 1:25



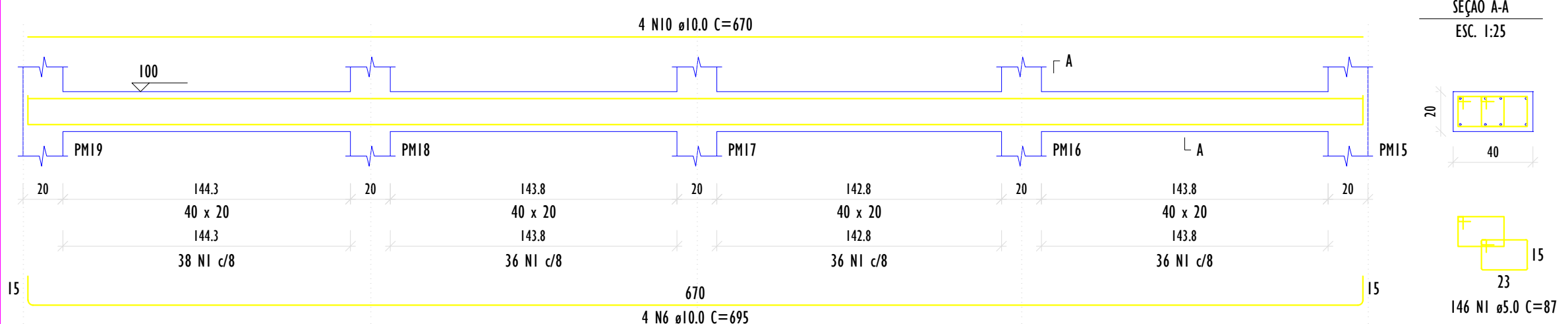
VM17 (40 x 20)

ESC. 1:25



VM18 (40 x 20)

ESC. 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C,UNIT (cm)	C,TOTAL (cm)
CA60	1	5,0	1470	87	127890
CA50	2	10,0	12	688	8256
	3	10,0	4	686	2744
	4	10,0	12	930	11160
	5	10,0	4	928	3712
	6	10,0	12	695	8340
	7	10,0	4	693	2772
	8	10,0	8	663	5304
	9	10,0	8	905	7240
	10	10,0	8	670	5360

RESUMO DO AÇO

AÇO	DIAM (mm)	C,TOTAL (m)	QUANT + 0% (Barra)	PESO + 0% (kg)
CA50	10,0	548,9	46	338,4
CA60	5,0	1278,9	107	197,1

PESO TOTAL (kg)

CA50	338,4
CA60	197,1

Volume de concreto (C-30) = 5,03 m³

Área de forma = 50,29 m²



Projetos & Serviços
de Engenharia Ltda.



Prefeitura Municipal
Santa Cruz do Escalvado
ESTADO DE MINAS GERAIS
Administração 2025-2028

OBJETO

REFORMA E AMPLIAÇÃO DO CENTRO
COMUNITÁRIO NA COMUNIDADE DE
CHACRINHA

RESPONSÁVEL TÉCNICO PELO PROJETO

Eng. Civil WILSON DIAS DA FONSECA JR.

RESPONSÁVEL TÉCNICO PELO PROJETO

GILMAR DE PAULA LIMA

LOCALIZAÇÃO

Zona Rural de Santa Cruz do Escalvado (MG)

PROGRAMA

RECURSOS RENOVA

NO OPERAÇÃO

DATA

JAN / 26

CREA

61.924 / D

CPF

697.293.526-15

ESCALA

Indicadas

FOLHA

10/10