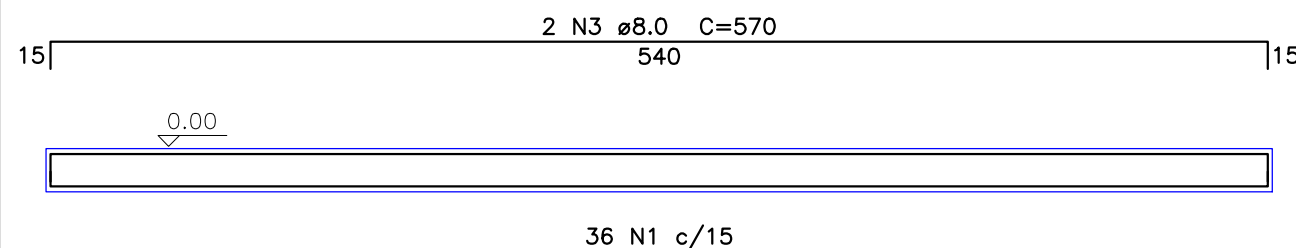
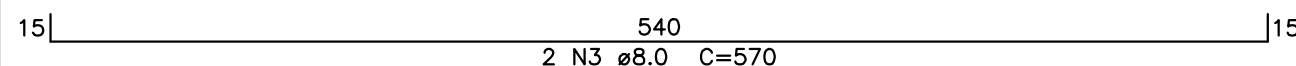
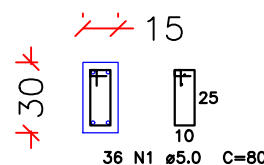


VB1=VB3
(15 x 30)

ESC 1:50

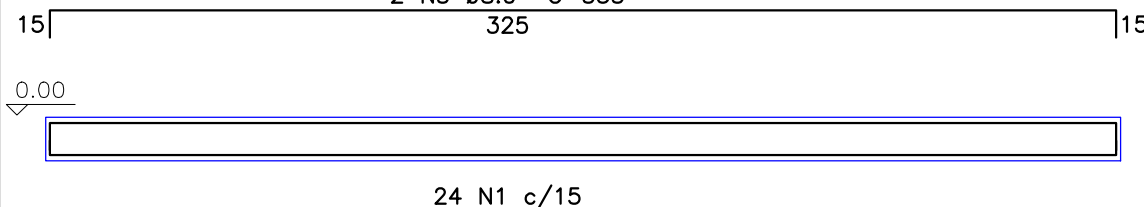


SEÇÃO A-A

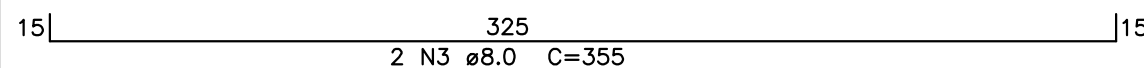
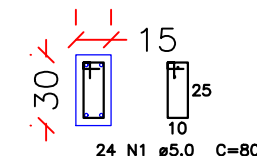


VB2 (15 x 30)

ESC 1:50



SEÇÃO A-A



Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	288.0	70.56
	10.0	340.0	209.78
CA60	5.0	432.0	66.53
PESO TOTAL			
CA50	127.8		
CA60	66.53		

Vol. de concreto total = 5.49 m³
Área de forma total = 86.40 m²

SAPATA-PILAR-VIGA BALDRAME
ESC.:1/25

Resumo do aço

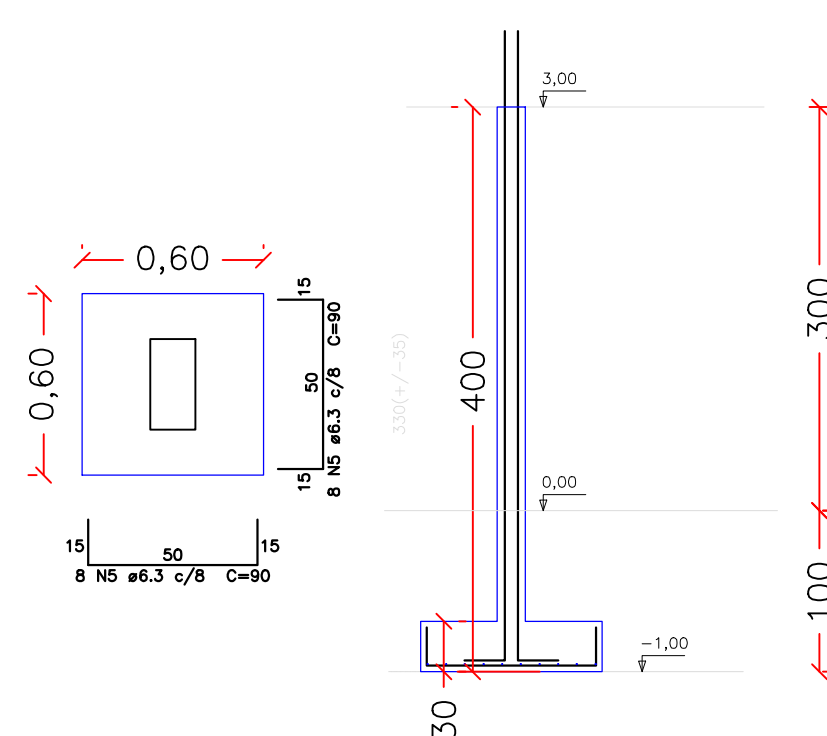
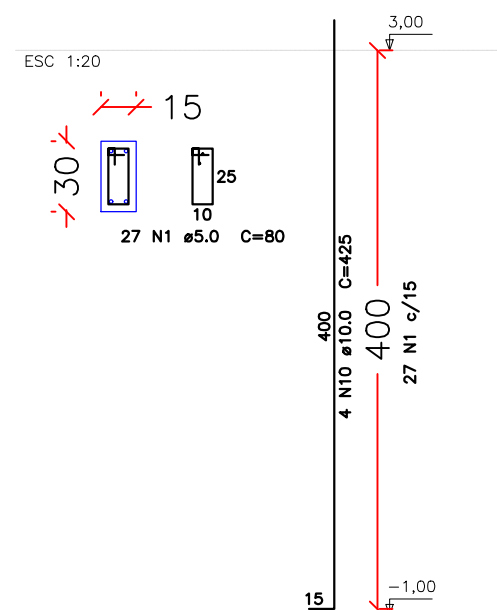
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	56.20	23.00
CA60	5.0	76.80	11.83
PESO TOTAL			
CA50	11.83		
CA60	23.00		

Vol. de concreto total = 0.65 m³
Área de forma total = 8.45 m²

PILAR

SAPATA
PLANTA
ESC 1:25

CORTE
ESC 1:25



PREFEITURA MUNICIPAL DE VÁRZEA GRANDE
Av. Castelo Branco, Espaço Municipal, 2500 - Centro Sul, Várzea Grande/MT
CEP 78125-700 - Fone/Fax: 65 3688 8000
LOCALIZAÇÃO: RUA GONÇALO DOMINGOS CAMPOS, S/N
BAIRRO FIGUEIRINHA - VÁRZEA GRANDE MT

PROJETO:
PROJETO ESTRUTURAL
OBRA:
REFORMA E MANUTENÇÃO
GINÁSIO POLIESPORTIVO JORGE MUSSA

DATA:
JULHO/2021
UNIDADE:
METRO

AUTOR DO PROJETO:
VITOR GUSTAVO VERHALEN
ENGENHEIRO CIVIL CREA-MT 49989

FOLHA Nº:
01/04