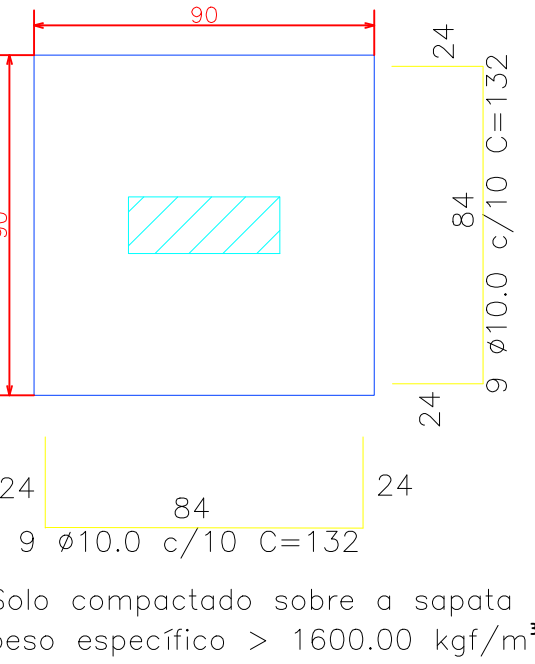
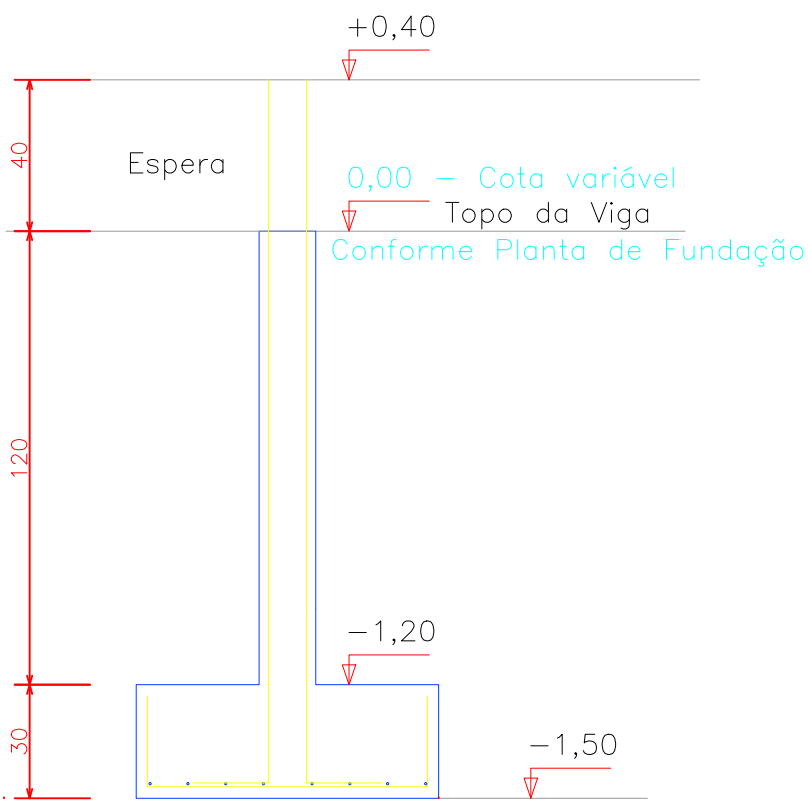


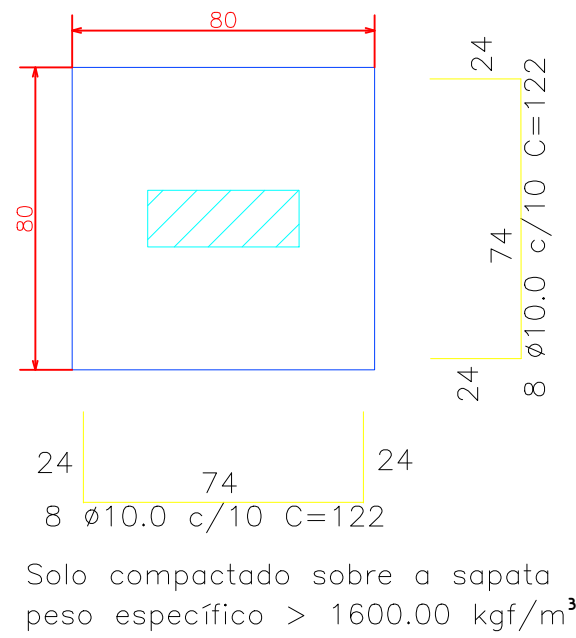
S16=S17=S18=S19=S22=S23  
S24=S25  
Quant.= 8 Sapatas  
Planta  
ESC 1:20



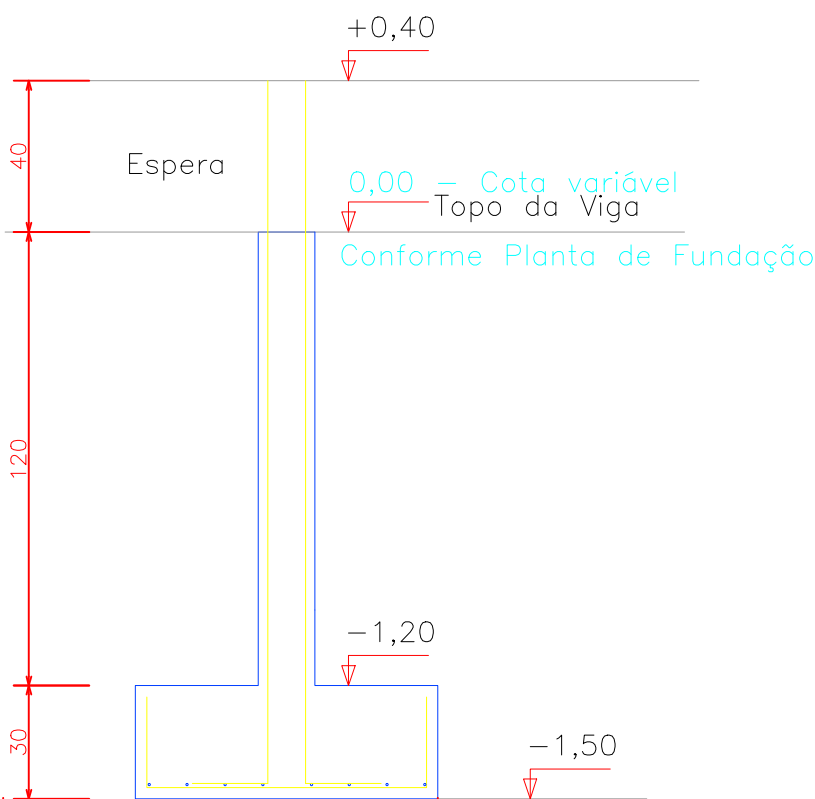
Corte  
ESC 1:20



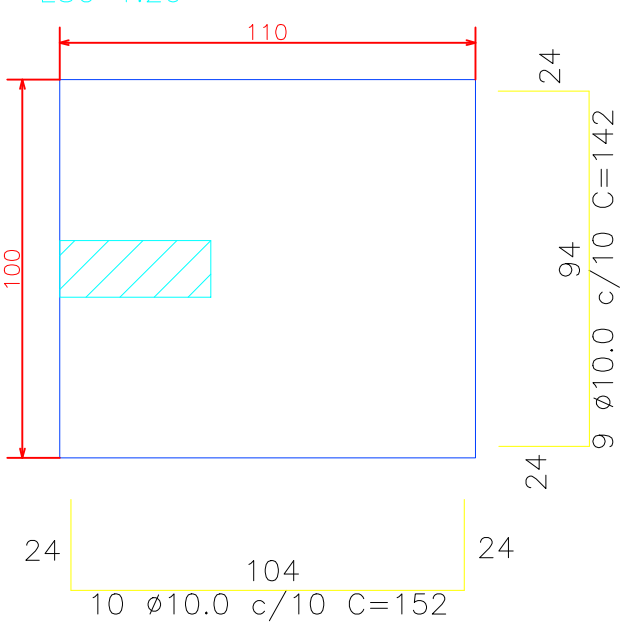
S02=S03=S04=S05=S07=S08  
S09=S12=S13=S14  
Quant.= 10 Sapatas  
Planta  
ESC 1:20



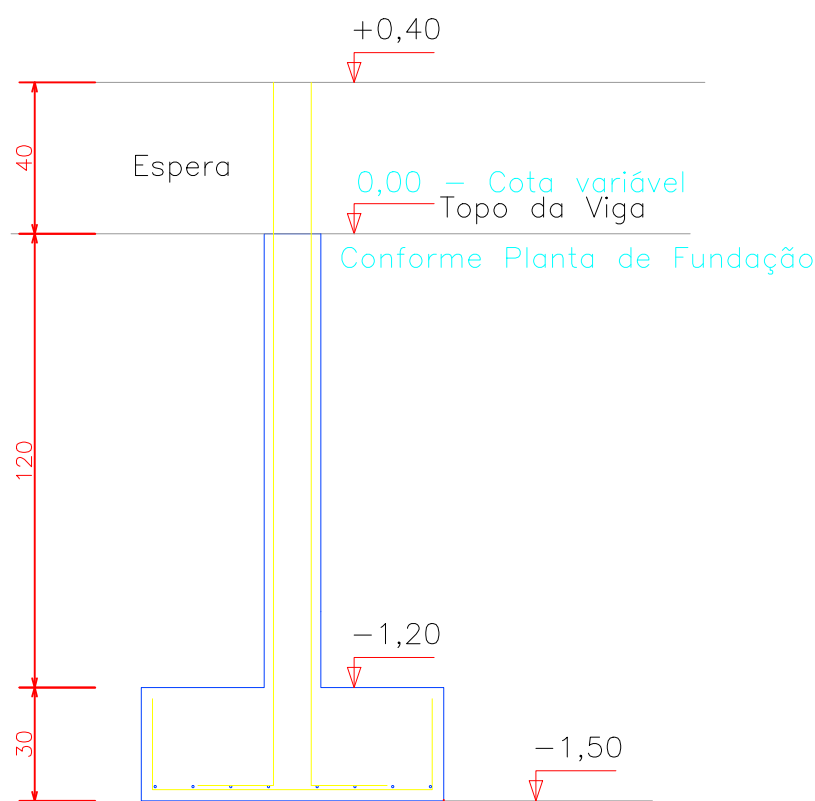
Corte  
ESC 1:20



S01=S06=S10=S11=S15=S20  
S21=S26=S27=S28=S29  
Quant.= 11 Sapatas  
Planta  
ESC 1:20



Corte  
ESC 1:20



ESTACAS

Quant.= 5unid  
Prof.= 2m

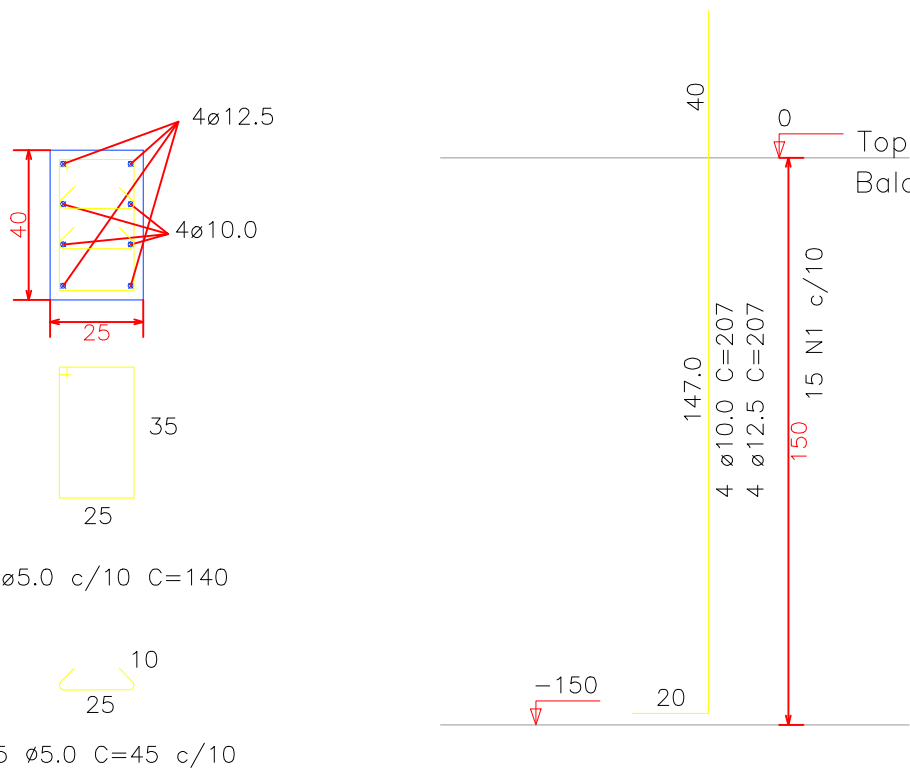
3 ø 8.0 mm 2 2 ø 5.0 mm  
16 16 c/ 15 cm  
14 c = 50 cm

#### RESUMO DO AÇO DA FUNDAÇÃO SAPATA

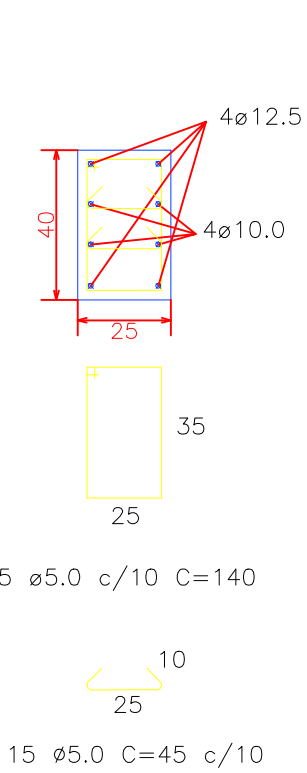
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	693,06	427,62
PESO TOTAL		CA50	427,62

Escavação: 37,98m<sup>3</sup>  
Concreto (C-20) = 7,49m<sup>3</sup>  
Forma: 32,10m<sup>2</sup>

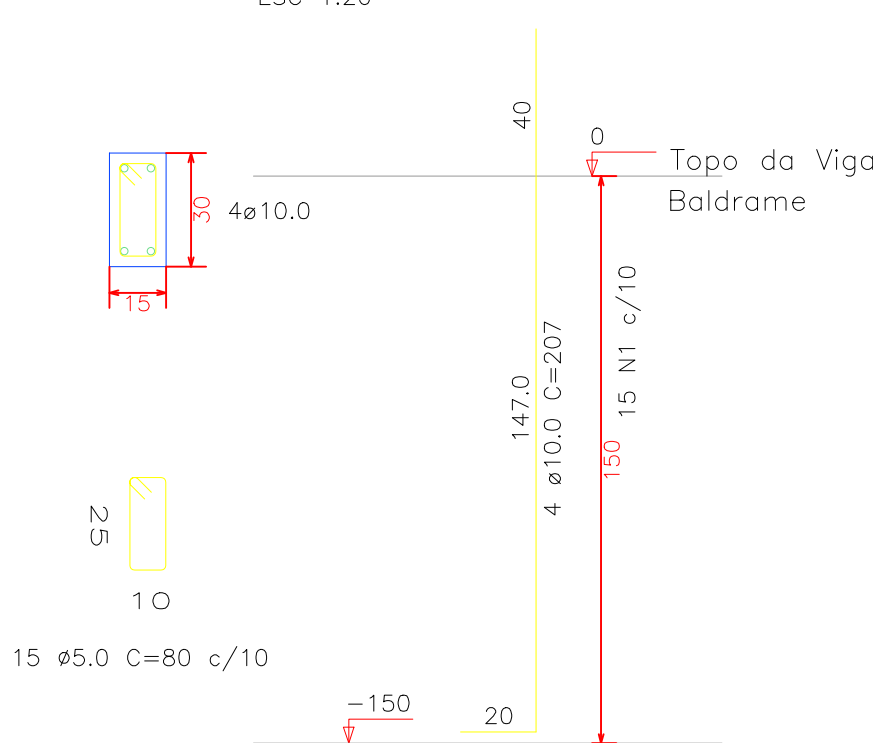
P1-P05-P06-P10-P11-P15  
6 - ESPERAS FUNDAÇÃO  
ESC 1:20



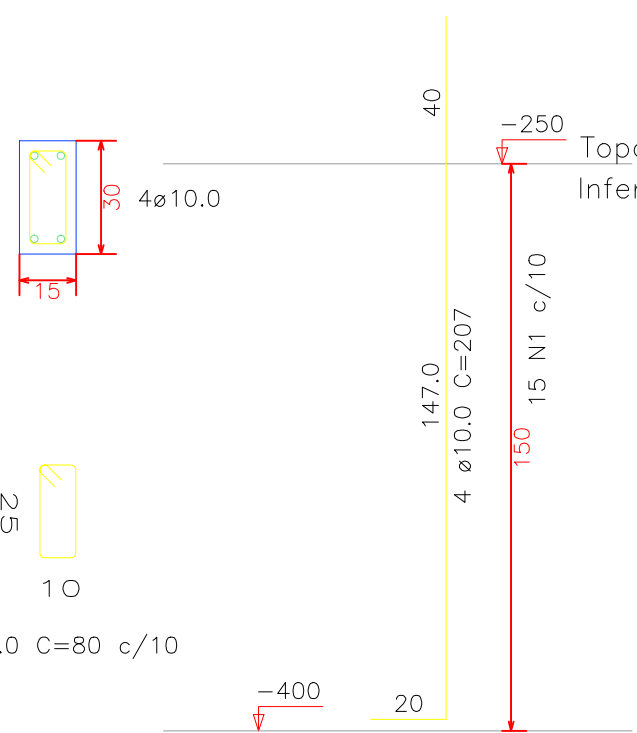
P20-P21-P26-P29  
4 - ESPERAS FUNDAÇÃO  
ESC 1:20



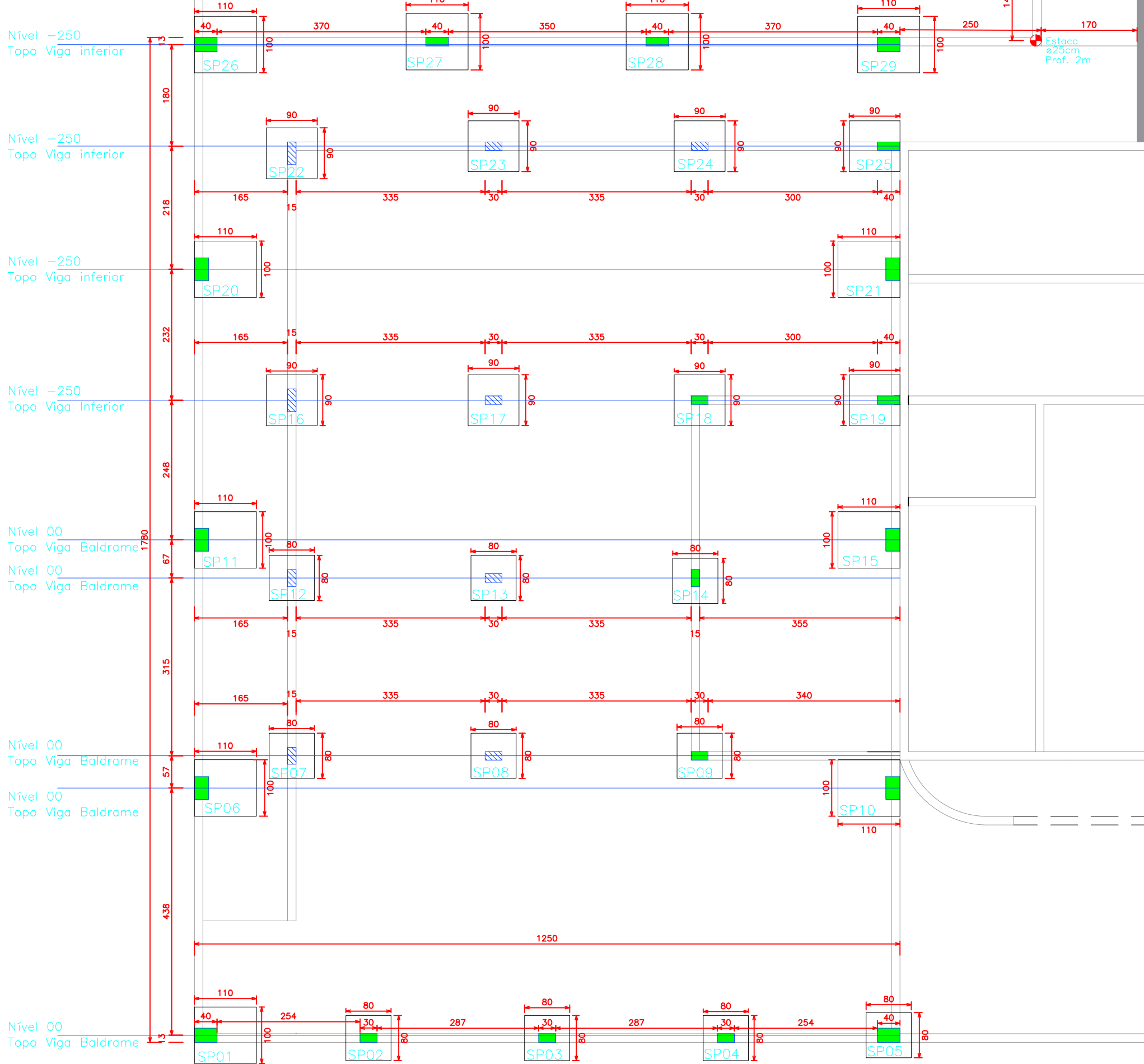
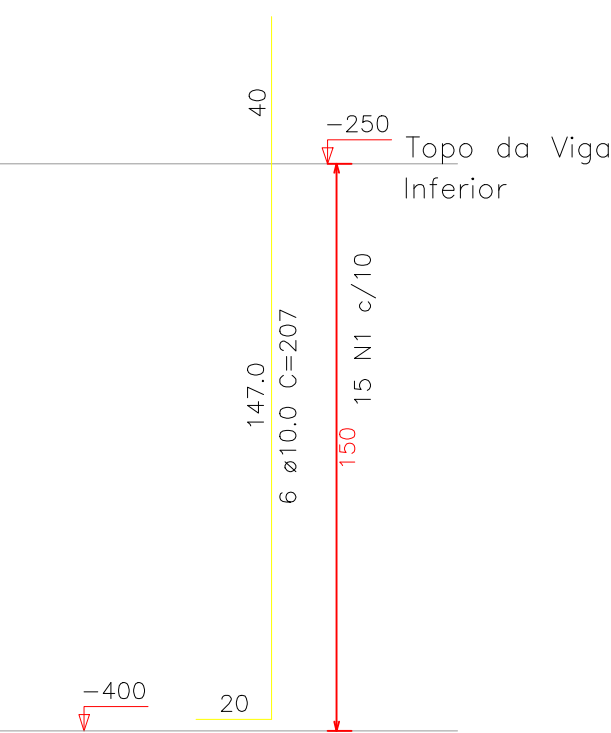
P02-P03-P04-P07-P08  
P09-P12-P13-P14  
9 - ESPERAS FUNDAÇÃO  
ESC 1:20



P17-P18-P23-P24  
4 - ESPERAS FUNDAÇÃO  
ESC 1:20



P16-P19-P22-P25-P27-P28  
6 - ESPERAS FUNDAÇÃO  
ESC 1:20



#### PLANTA BAIXA DE FUNDAÇÃO

Escala 1 / 75

#### RESUMO DO AÇO ESPERAS

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	12.5	82,80	79,74
CA50	10.0	264,96	163,48
CA60	5.0	541,50	84,39
PESO TOTAL		CA50	243,22
		CA60	84,39

Concreto (C-20) = 2,33m<sup>3</sup>  
Forma: 37,56m<sup>2</sup>

#### PREFEITURA MUNICIPAL

Administração 2021 / 2024

ADMINISTRAÇÃO		RESP. TECNICO	PRONATA
			01/06
		PROJETO	ESTRUTURAL
OBRAS		REFORMA E AMPLIAÇÃO CMEI CAMILA	AREA Ampliação:291,48m <sup>2</sup> Reforma:148,06m <sup>2</sup> Total:439,54m <sup>2</sup>
ESPECIFICAÇÕES		PLANTA BAIXA - FUNDAÇÃO DETALHES DE FUNDAÇÃO DETALHES DE ESPERAS RESUMOS DE AÇO	DATA Novembro/2021
LOCAL		RUA DAS AVENÇAS BAIRRO JARDIM DA COLINA	ESCALA INDICADA
MUNICIPIO		DOIS VIZINHOS - PARANÁ	ARQUIVO