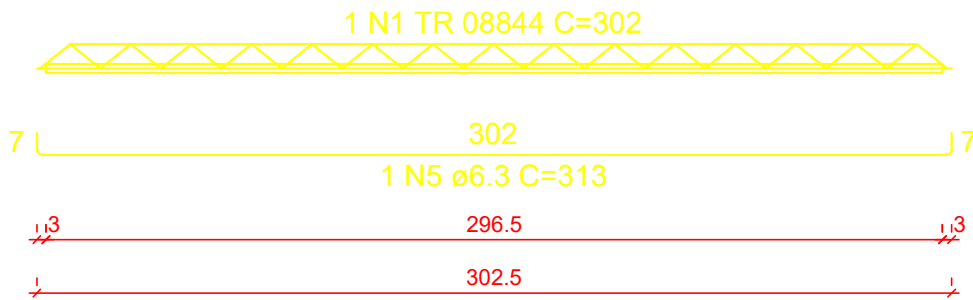
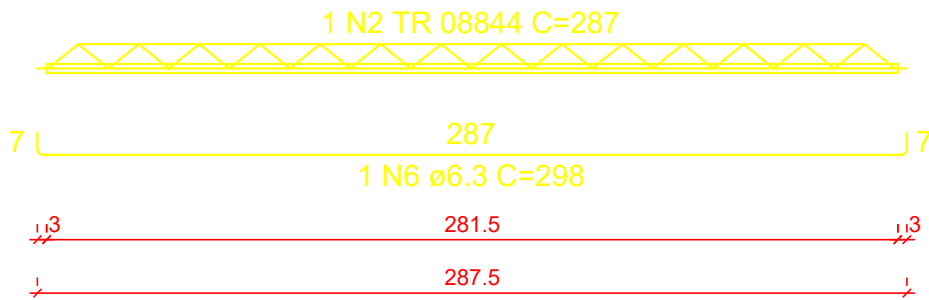


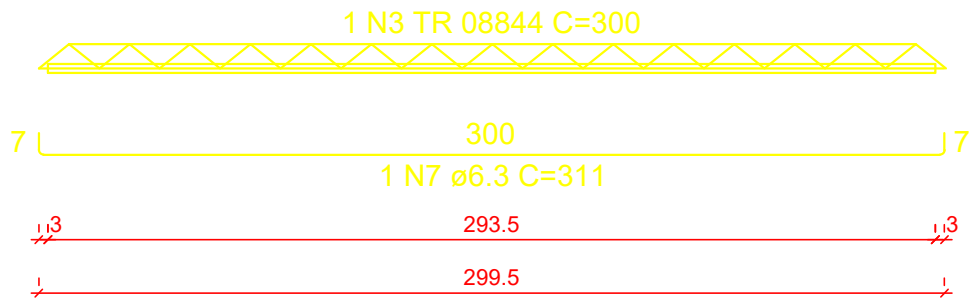
VT1a (12 unidades)
(L1)
ESC 1:25



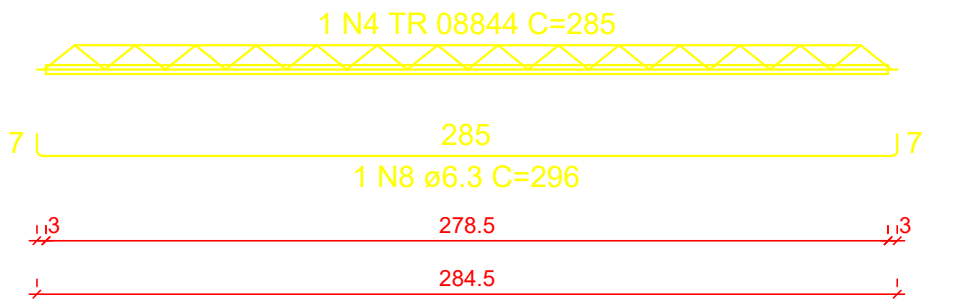
VT1b (1 unidades)
(L1)
ESC 1:25



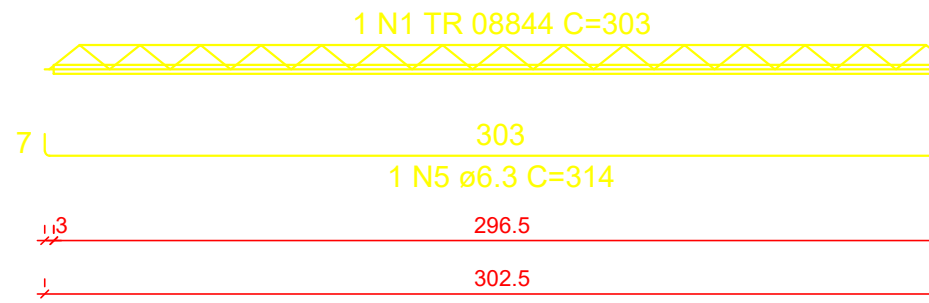
VT2a (13 unidades)
(L2)
ESC 1:25



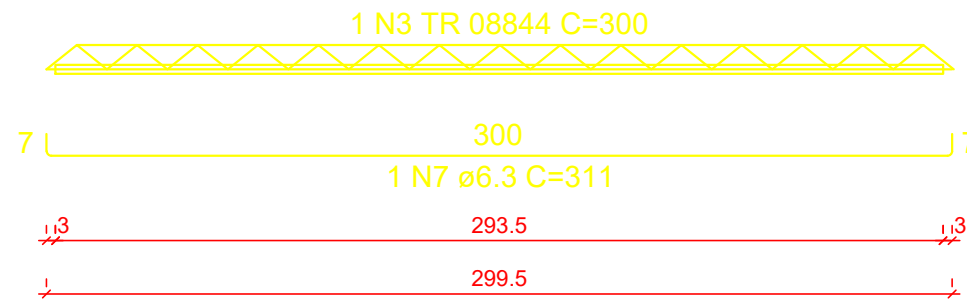
VT4b (1 unidades)
(L4)
ESC 1:25



VT3a (13 unidades)
(L3)
ESC 1:25



VT4a (12 unidades)
(L4)
ESC 1:25



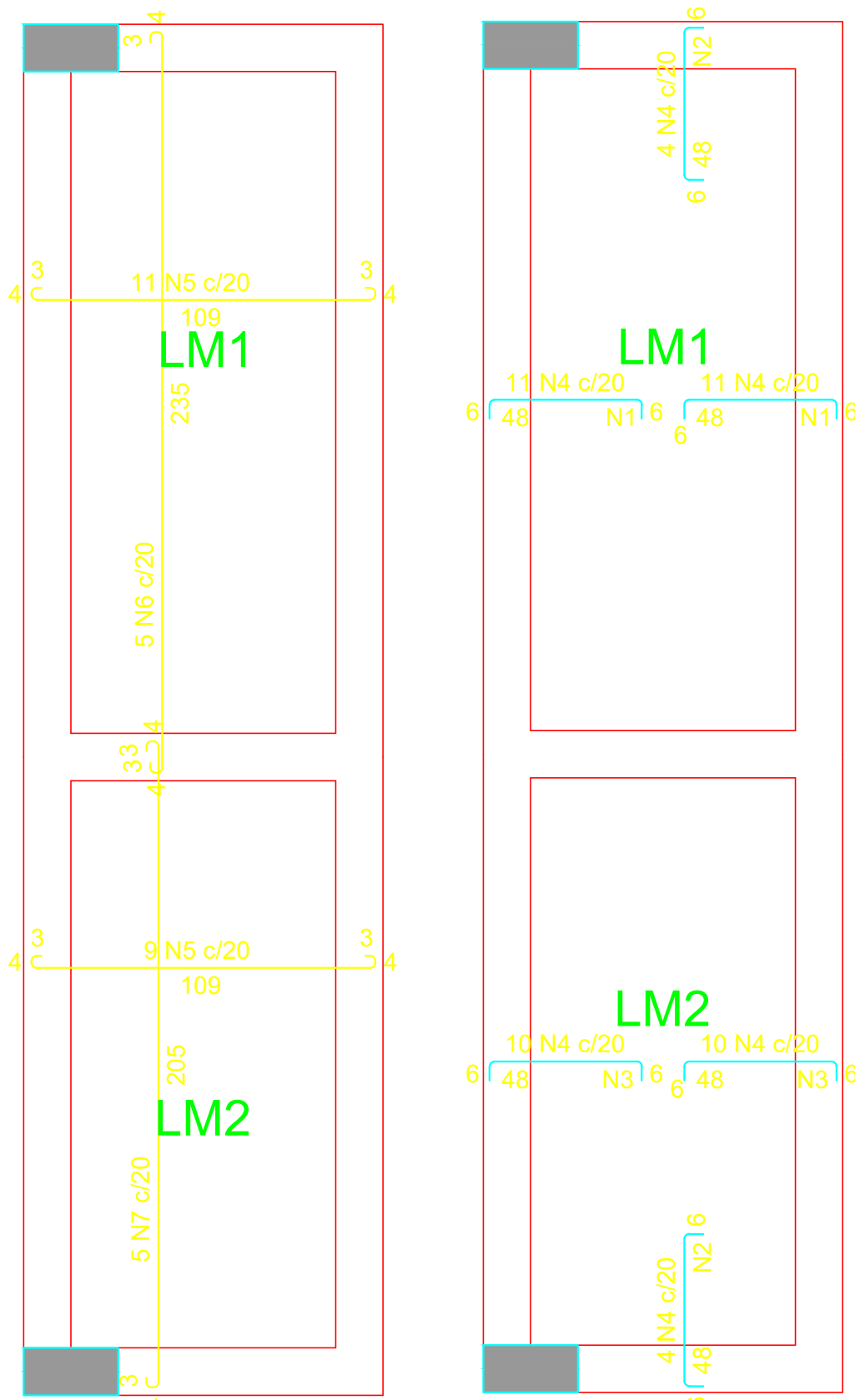
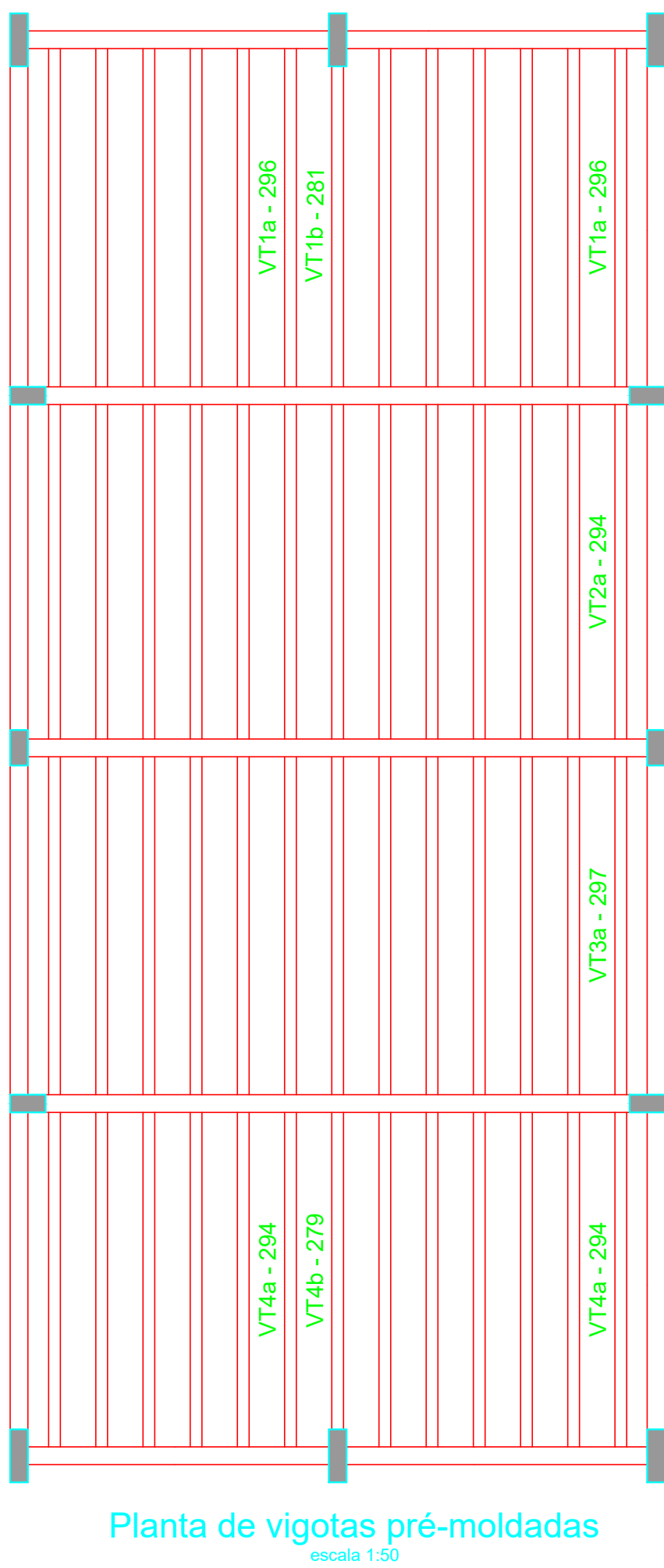
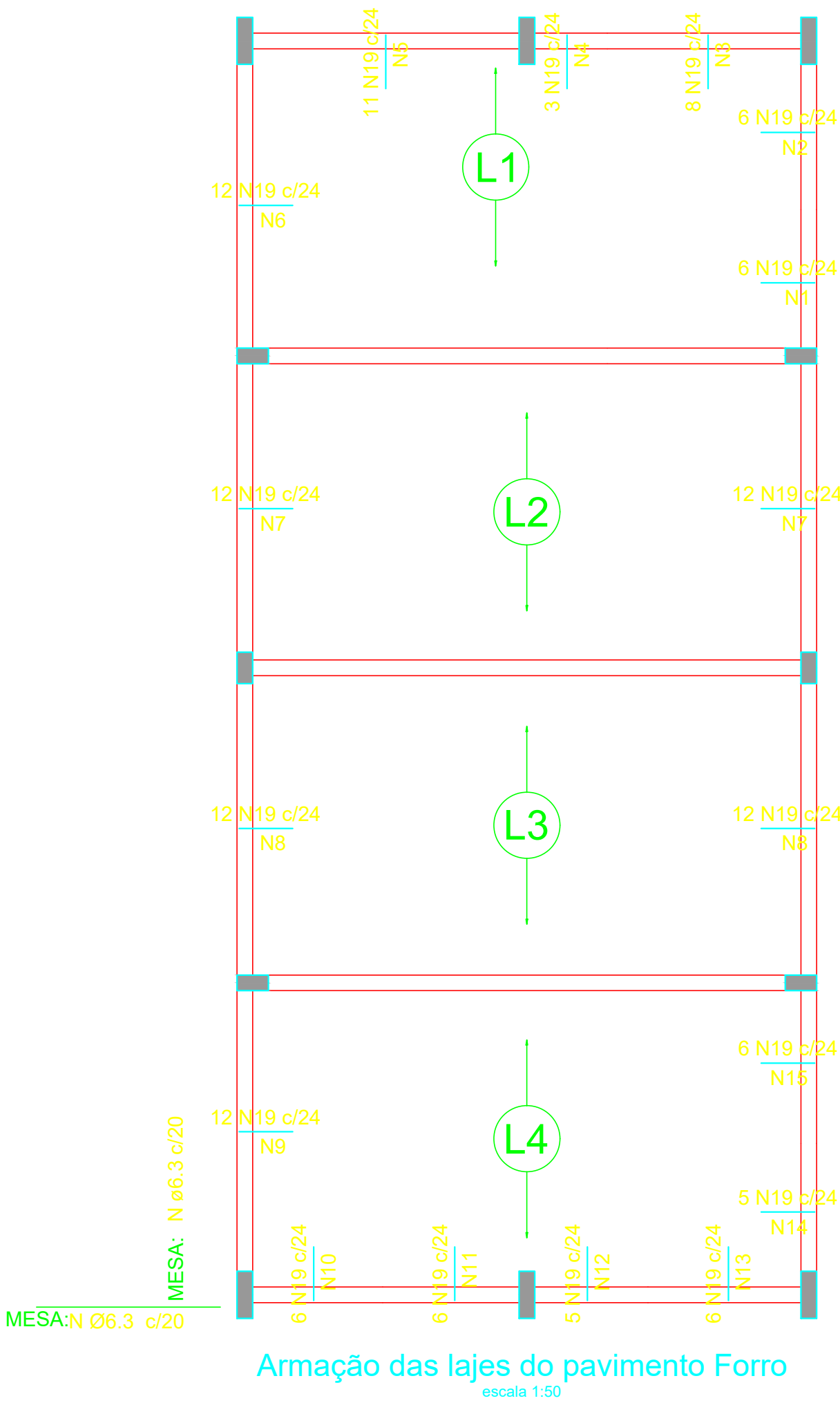
RELAÇÃO DO AÇO

12xVT1a 13xVT3a	VT1b 12xVT4a	13xVT2a VT4b			
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	TR 08844	25	302	7550
	2	TR 08844	1	287	287
	3	TR 08844	25	300	7500
	4	TR 08844	1	285	285
CA50	5	6.3	25	313	7825
	6	6.3	1	298	298
	7	6.3	25	311	7775
	8	6.3	1	296	296

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	162.1	15	43.6
CA60	TR 08844	156.3	-	156
PESO TOTAL (kg)				
CA50	43.6			
CA60	156			

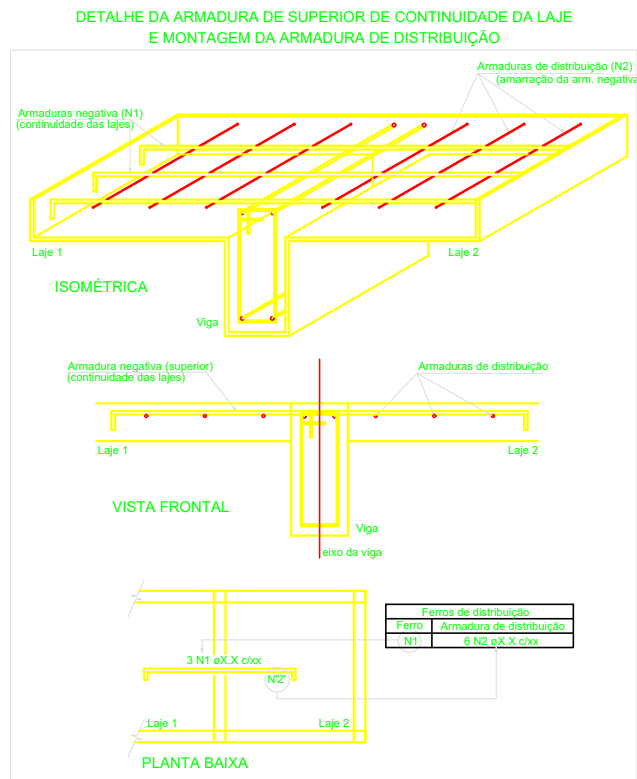
Volume de concreto (C-25) = 0.00 m³
Área de forma = 0.00 m²



AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	798.8	74	215
CA60	5.0	132.5	-	22.5
PESO TOTAL (kg)				
CA50	215			
CA60	22.5			

Volume de concreto (C-25) = 3.48 m³
Área de forma = 3.30 m²

Armaduras de distribuição	
Armadura	Armadura de distribuição
N19	3 N1 ø5.0 c/21 C=140
N19	3 N2 ø5.0 c/21 C=148
N19	3 N3 ø5.0 c/21 C=193
N19	3 N4 ø5.0 c/21 C=77
N19	3 N5 ø5.0 c/21 C=270
N19	3 N6 ø5.0 c/21 C=288
N19	3 N7 ø5.0 c/21 C=293
N19	3 N7 ø5.0 c/21 C=293
N19	3 N8 ø5.0 c/21 C=296
N19	3 N8 ø5.0 c/21 C=296
N19	3 N9 ø5.0 c/21 C=285
N19	3 N10 ø5.0 c/21 C=132
N19	3 N11 ø5.0 c/21 C=138
N19	3 N12 ø5.0 c/21 C=116
N19	3 N13 ø5.0 c/21 C=154
N19	3 N14 ø5.0 c/21 C=131
N19	3 N15 ø5.0 c/21 C=154
N20	3 N16 ø5.0 c/20 C=225
N20	3 N17 ø5.0 c/20 C=86
N20	3 N16 ø5.0 c/20 C=225
N20	3 N18 ø5.0 c/20 C=195
N20	3 N18 ø5.0 c/20 C=195
N20	3 N17 ø5.0 c/20 C=86



PROJETO	RESPONSÁVEL TÉCNICO		
	Eng. Mano Marques Ribeiro CREA: MG 48900/D		
CLIENTE			
EMPREENDIMENTO			
IMPLANTAÇÃO DA ESCOLA NOVA			
ENDEREÇO	DISCIPLINA		
RUA 06, S/N - B. Luiz Rennó Mendes. SANTA RITA DO SAPUCAÍ - MINAS GERAIS	ESTRUTURAL		
ASSUNTO	FASE DO PROJETO		
BLOCO D: DETALHAMENTO DA ARMAÇÃO DAS LAJES PLANTA BAIXA, CORTES E DETALHES	EXECUTIVO		
	FOLHA Nº.		
	36		
DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
17/10/2019	INDICADA	R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NVV.DWG