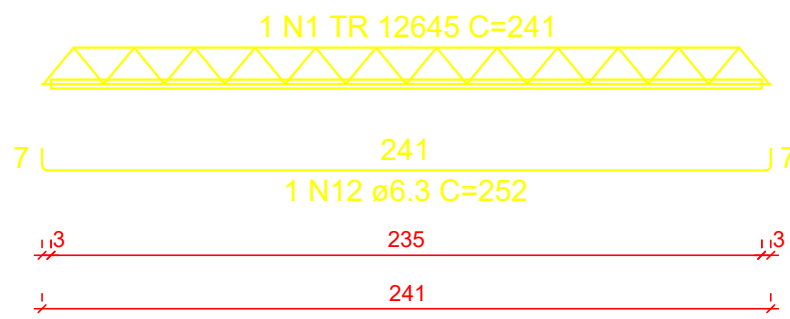
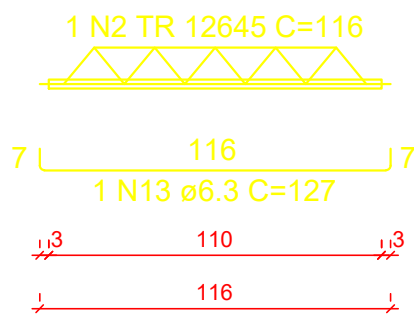


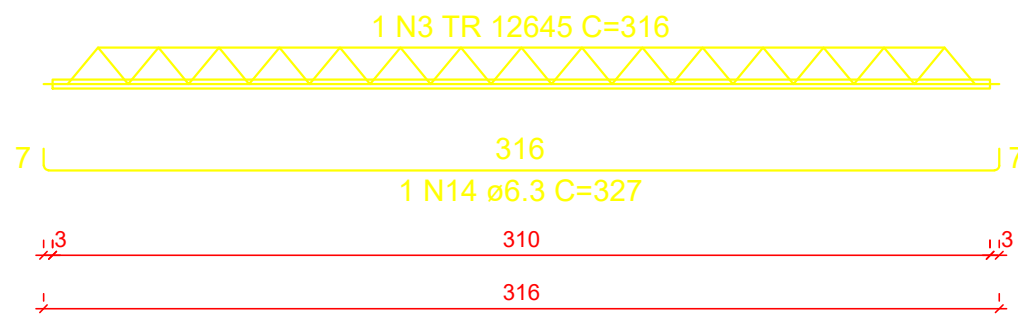
VT1a (9 unidades)
(L1)
ESC 1:25



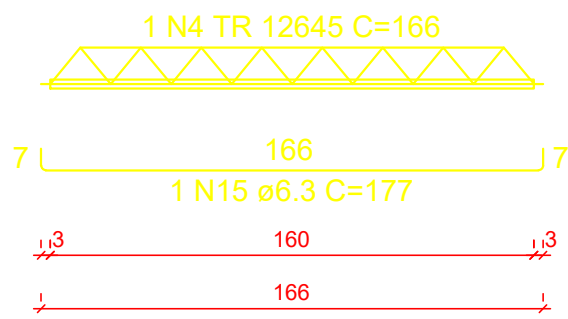
VT2a (3 unidades)
(L2)
ESC 1:25



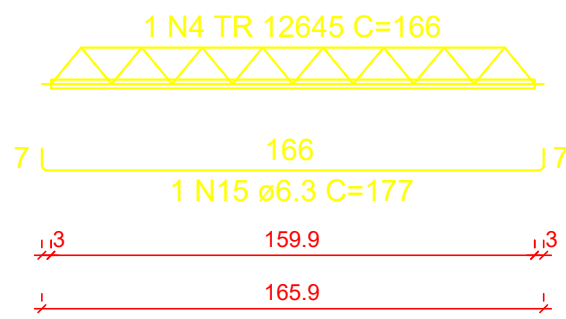
VT2b (8 unidades)
(L2)
ESC 1:25



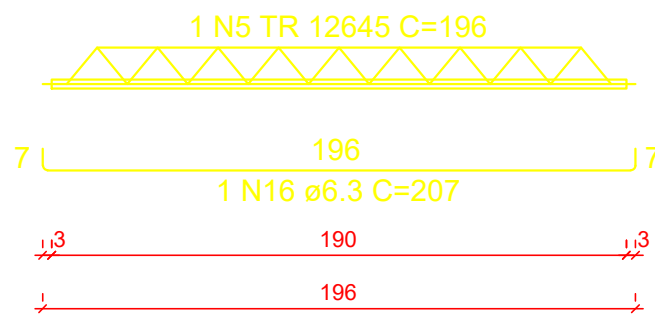
VT3a (6 unidades)
(L3)
ESC 1:25



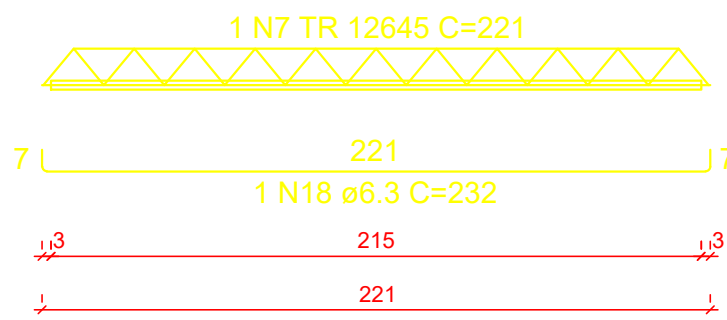
VT4a (6 unidades)
(L4)
ESC 1:25



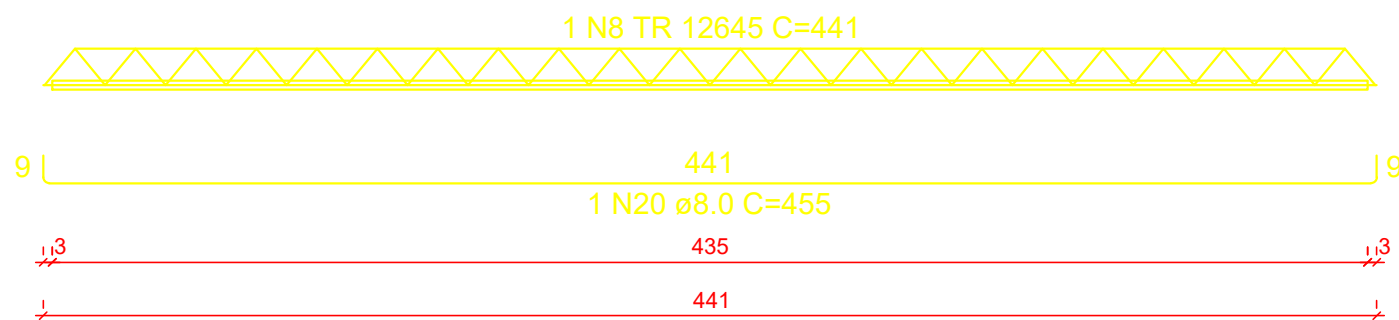
VT5a (11 unidades)
(L5)
ESC 1:25



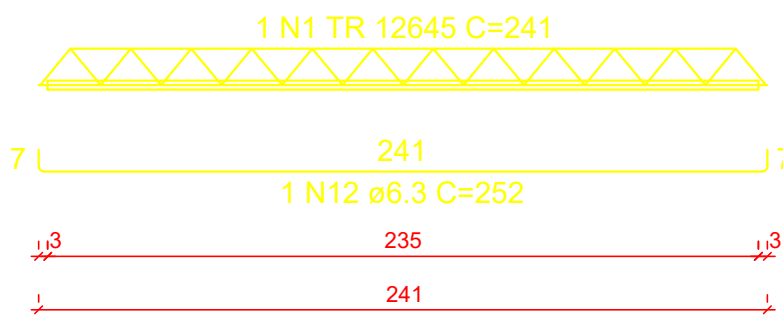
VT7a (7 unidades)
(L7)
ESC 1:25



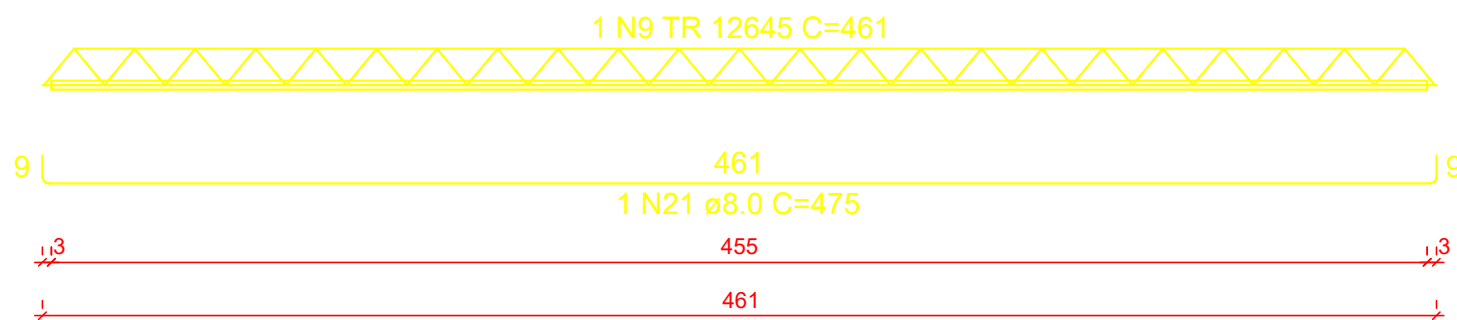
VT8a (12 unidades)
(L8)
ESC 1:25



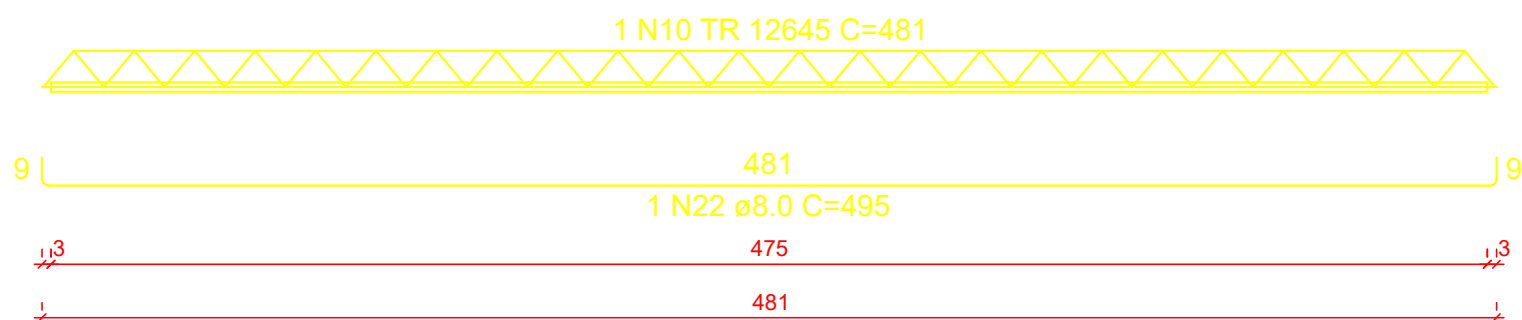
VT9a (25 unidades)
(L9)
ESC 1:25



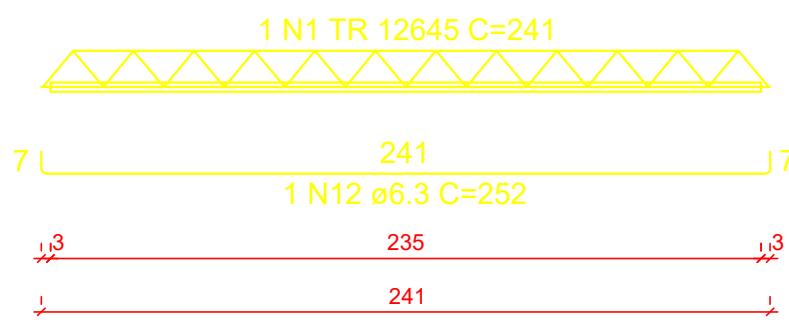
VT10a (12 unidades)
(L10)
ESC 1:25



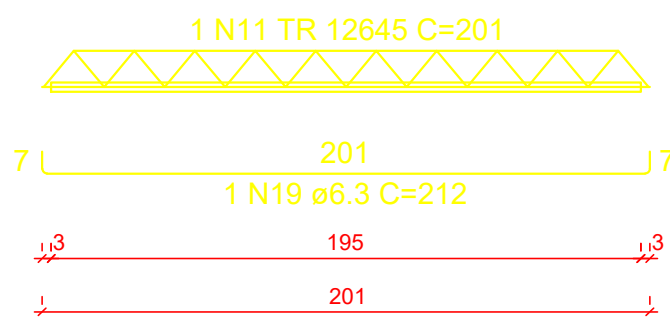
VT11a (13 unidades)
(L11)
ESC 1:25



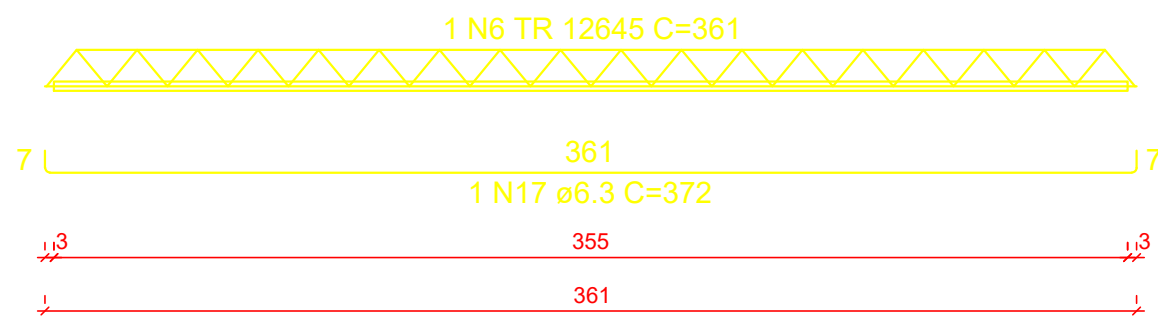
VT12a (9 unidades)
(L12)
ESC 1:25



VT13a (9 unidades)
(L13)
ESC 1:25



VT6a (11 unidades)
(L6)
ESC 1:25



RELAÇÃO DO AÇO

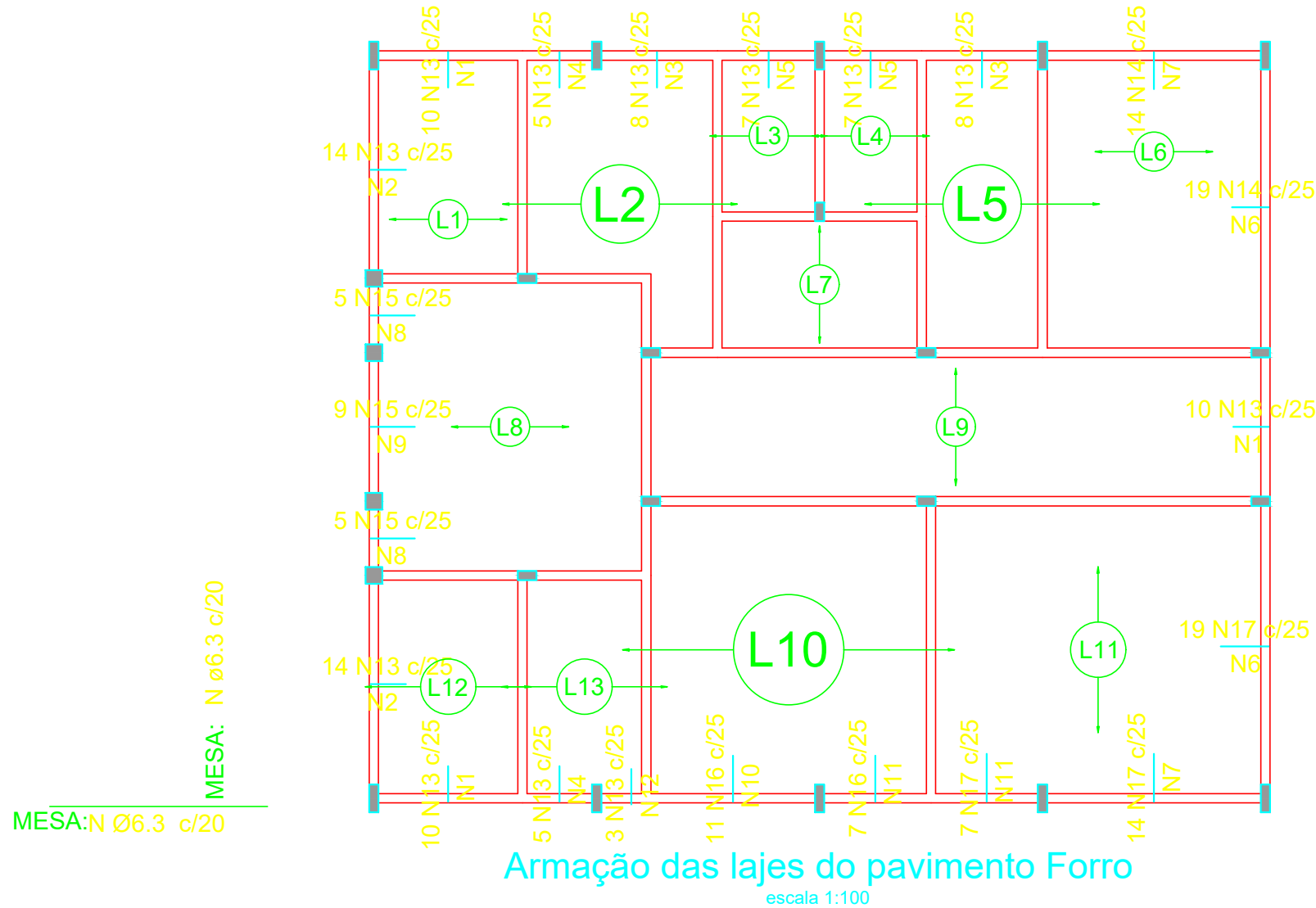
9xVT1a 6xVT3a 11xVT6a 25xVT9a 9xVT12a	3xVT2a 6xVT4a 7xVT7a 12xVT10a 9xVT13a	8xVT2b 11xVT5a 12xVT8a 13xVT11a
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AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	TR 12645	43	241	10363
	2	TR 12645	3	116	348
	3	TR 12645	8	316	2528
	4	TR 12645	12	166	1992
	5	TR 12645	11	196	2156
	6	TR 12645	11	361	3971
	7	TR 12645	7	221	1547
	8	TR 12645	12	441	5292
	9	TR 12645	12	461	5532
	10	TR 12645	13	481	6253
	11	TR 12645	9	201	1809
CA50	12	6.3	43	252	10836
	13	6.3	3	127	381
	14	6.3	8	327	2616
	15	6.3	12	177	2124
	16	6.3	11	207	2277
	17	6.3	11	372	4092
	18	6.3	7	232	1624
	19	6.3	9	212	1908
	20	8.0	12	455	5460
	21	8.0	12	475	5700
	22	8.0	13	495	6435

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	258.6	24	69.6
CA60	TR 12645	417.9	17	76.4
PESO TOTAL (kg)			-	409.1

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

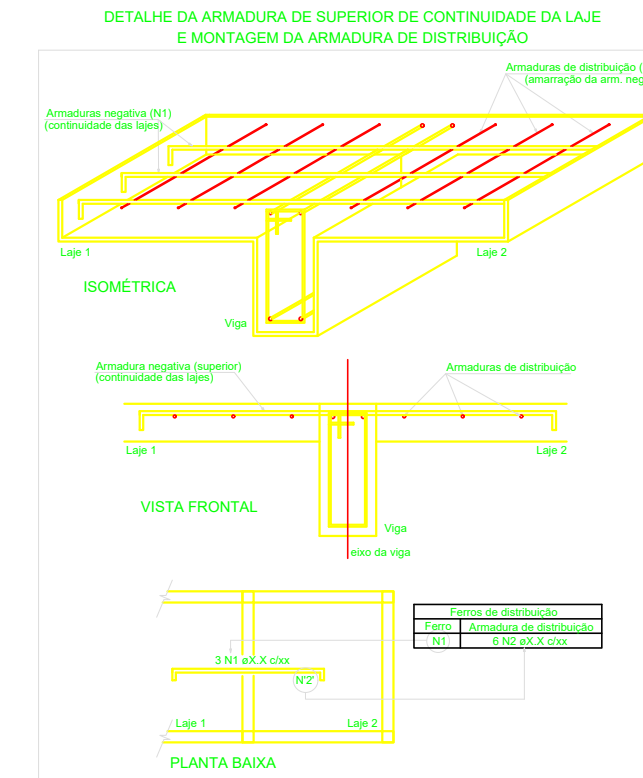


RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	1865	171	502
	8.0	10.1	1	4.4
	10.0	5.7	1	3.8
CA60	5.0	176.2	-	29.9
PESO TOTAL (kg)				
CA50	510.2			
CA60	29.9			

Volume de concreto (C-25) = 10.06 m³
Área de forma = 0.00 m²

Armaduras de distribuição	
Armadura	Armadura de distribuição
N13	3 N1 ø5.0 c/21 C=240
N13	3 N2 ø5.0 c/21 C=348
N13	3 N3 ø5.0 c/21 C=195
N13	3 N4 ø5.0 c/21 C=120
N13	3 N5 ø5.0 c/21 C=165
N13	3 N5 ø5.0 c/21 C=165
N13	3 N3 ø5.0 c/21 C=195
N14	3 N6 ø5.0 c/21 C=470
N14	3 N7 ø5.0 c/21 C=360
N15	4 N8 ø5.0 c/21 C=117
N15	4 N9 ø5.0 c/21 C=237
N15	4 N8 ø5.0 c/21 C=117
N13	3 N1 ø5.0 c/21 C=240
N16	4 N10 ø5.0 c/21 C=280
N16	4 N11 ø5.0 c/21 C=180
N17	4 N11 ø5.0 c/21 C=180
N17	4 N7 ø5.0 c/21 C=360
N17	4 N6 ø5.0 c/21 C=470
N13	3 N2 ø5.0 c/21 C=348
N13	3 N1 ø5.0 c/21 C=240
N13	3 N4 ø5.0 c/21 C=120
N13	3 N12 ø5.0 c/21 C=80



PROJETO	RESPONSÁVEL TÉCNICO
	Eng. Mano Marques Ribeiro CREA: MG 48900/D
CLIENTE	
EMPREENDIMENTO	DISCIPLINA
IMPLANTAÇÃO DA ESCOLA NOVA	ESTRUTURAL
ENDEREÇO	FASE DO PROJETO
RUA 06, S/N - B. Luiz Rennó Mendes. SANTA RITA DO SAPUCAÍ - MINAS GERAIS	EXECUTIVO
ASSUNTO	FOLHA Nº
ED. ADMINISTRATIVO DETALHAMENTO DA ARMAÇÃO DAS LAJES PLANTA BAIXA, CORTES E DETALHES	26
DATA INICIAL	ESCALA
17/10/2019	INDICADA
REVISÃO	ARQUIVO
R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NV.DWG