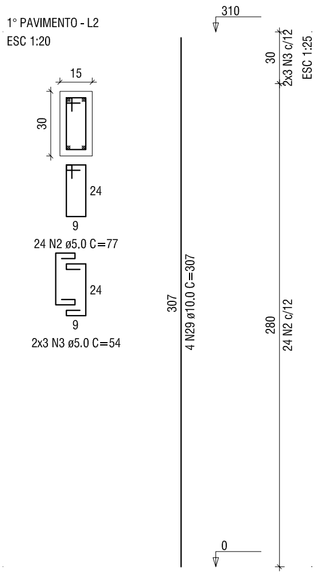
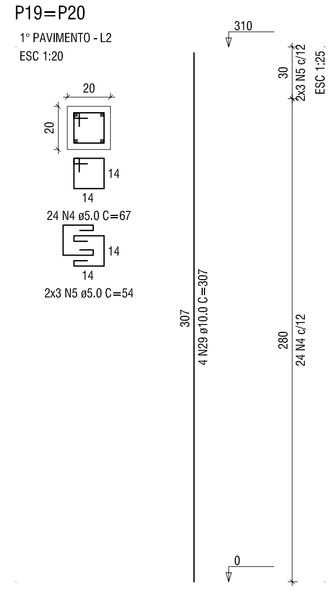
P1=P2=P3=P4=P5=P6=P7=P8=P9=
=P10=P11=P12=P13=P14=P15=
=P16=P17=P18

1° PAVIMENTO - L2
ESC 1:20

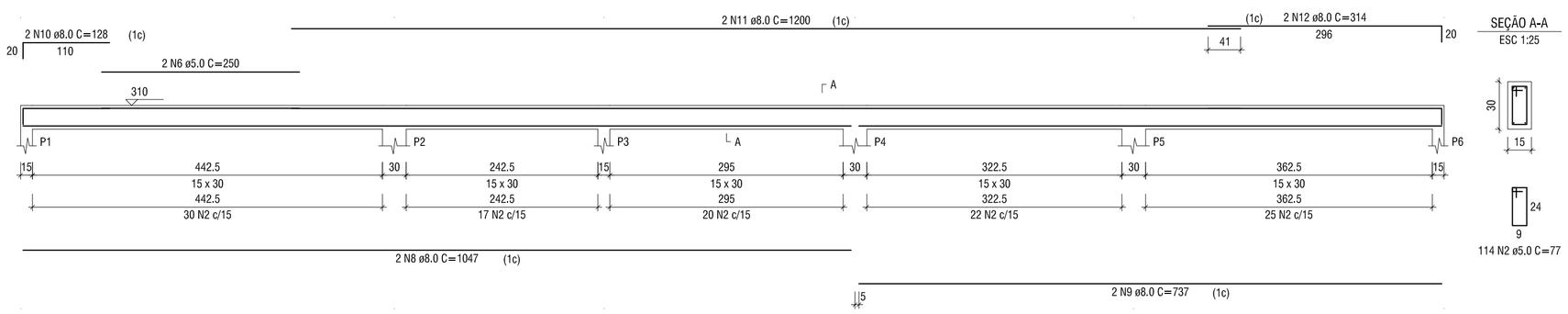


P19=P20

1° PAVIMENTO - L2
ESC 1:20



V1
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

Positivos X	18xP1	2xP19
V1	V2	V3
V4	V5	V6
V7	V8	V9
V10		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	18	319	5742
	2	5.0	1079	77	83083
	3	5.0	108	54	5832
	4	5.0	48	67	3216
	5	5.0	12	54	648
	6	5.0	2	250	500
	7	5.0	2	265	530
CA50	8	8.0	4	1047	4188
	9	8.0	2	737	1474
	10	8.0	2	128	256
	11	8.0	4	1200	4800
	12	8.0	2	314	628
	13	8.0	2	752	1504
	14	8.0	2	123	246
	15	8.0	2	303	606
	16	8.0	2	1040	2080
	17	8.0	2	745	1490
	18	8.0	2	1198	2396
	19	8.0	2	673	1346
	20	8.0	2	322	644
	21	8.0	2	358	716
	22	8.0	6	732	4392
	23	8.0	8	760	6080
	24	8.0	2	740	1480
	25	8.0	2	874	1748
	26	8.0	2	913	1826
	27	8.0	2	882	1764
	28	8.0	2	910	1820
	29	10.0	80	307	24560

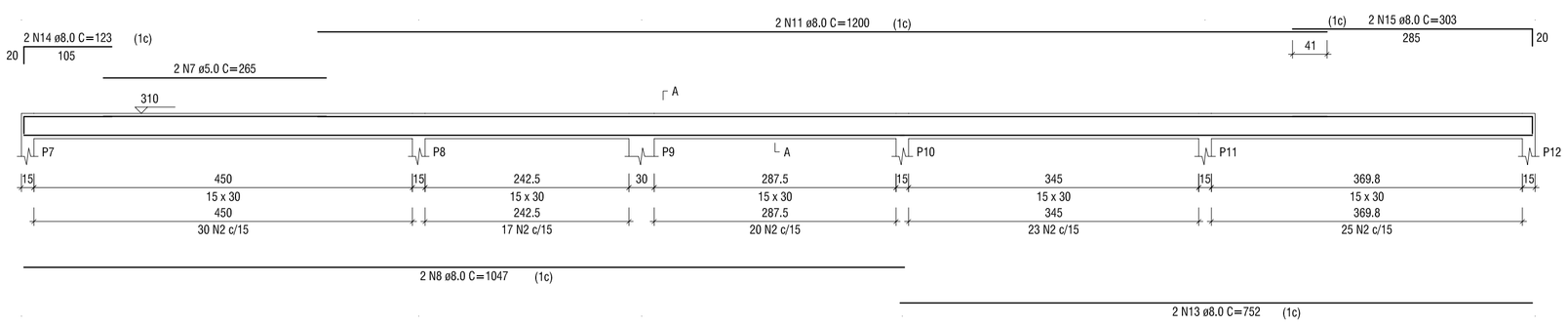
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5% (Barras)	UNIT	PESO + 5% (kg)
CA50	8.0	414.8	37	12 m	171.9
	10.0	245.6	22	12 m	159
CA60	5.0	995.5	88	12 m	161.1

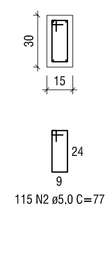
PESO TOTAL (kg)	
CA50	330.9
CA60	161.1

Volume de concreto (C-25) = 8.43 m³
Área de forma = 143.14 m²

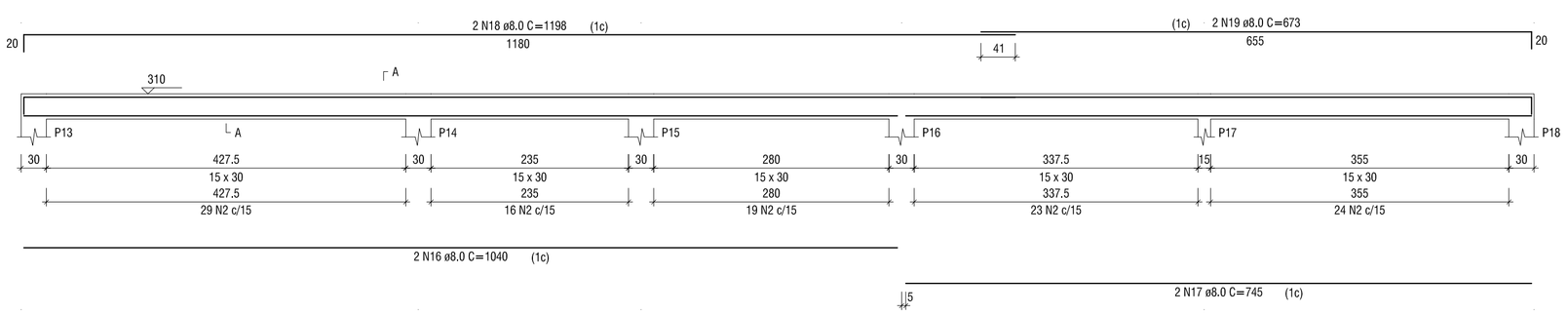
V2
ESC 1:50



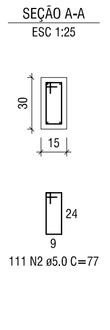
SEÇÃO A-A
ESC 1:25



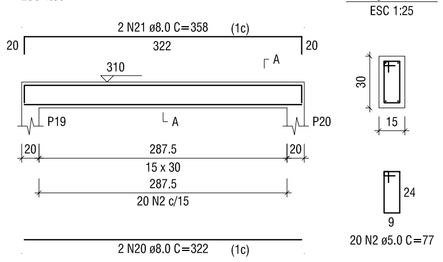
V3
ESC 1:50



SEÇÃO A-A
ESC 1:25

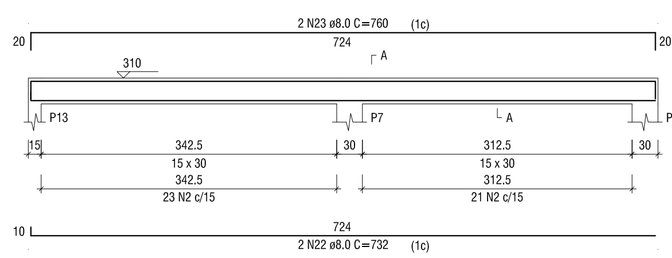


V4
ESC 1:50

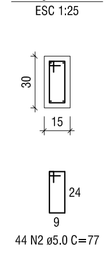


SEÇÃO A-A
ESC 1:25

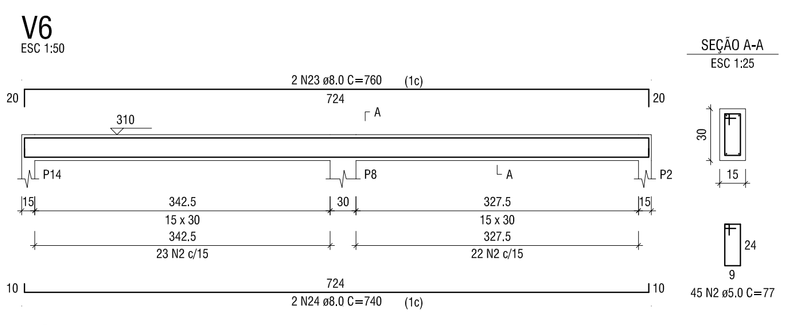
V5
ESC 1:50



SEÇÃO A-A
ESC 1:25

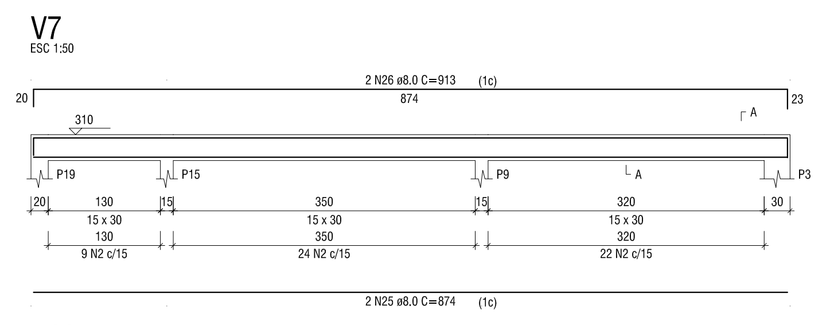


V6
ESC 1:50

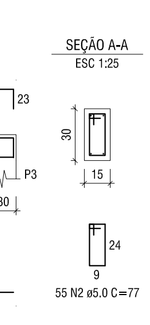


SEÇÃO A-A
ESC 1:25

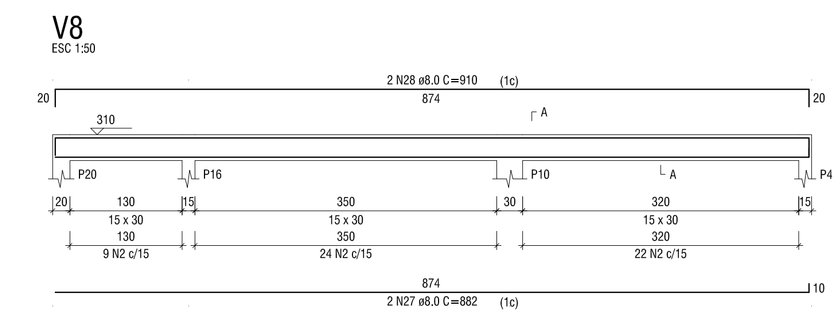
V7
ESC 1:50



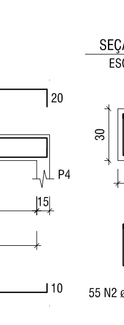
SEÇÃO A-A
ESC 1:25



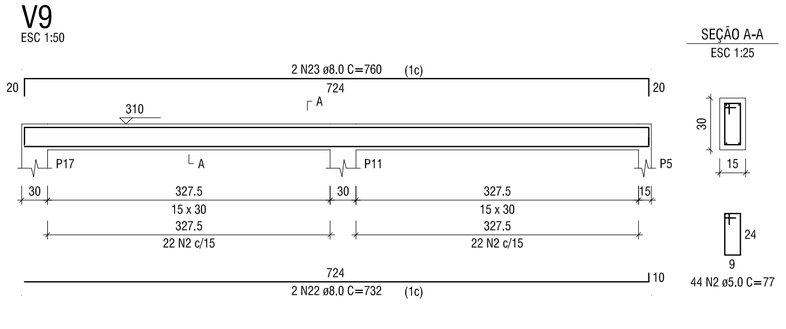
V8
ESC 1:50



SEÇÃO A-A
ESC 1:25

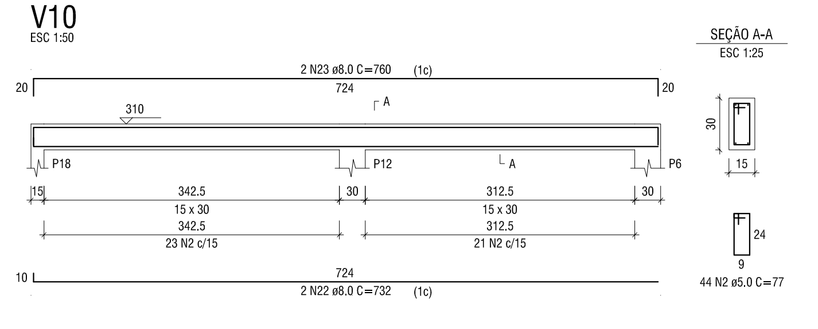


V9
ESC 1:50

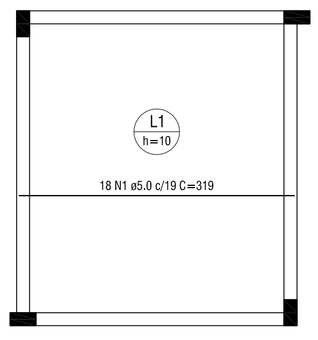


SEÇÃO A-A
ESC 1:25

V10
ESC 1:50



SEÇÃO A-A
ESC 1:25



Armação positiva das lajes do pavimento 1° PAVIMENTO (Eixo X)

escala 1:50

Projeto Estrutural

PREFEITURA
LAJINHA-MG
Rua Dr. Sidney Hubner França Camargo, lt/qd/g "A" - Lajinha-MG
CNPJ: 18.295.124/0001-43 - Tel: (33) 3564-4068

OBRA:
Construção da Escola Municipal José Tomás

ENDEREÇO:
CÓRREGO CARVALHO - ZONA RURAL - LAJINHA/MG

RESPONSÁVEL TÉCNICO:
THAÍS BOECHAT DE LIMA BASTOS — **CREA:** 212.895/D

CONTEÚDO:
1° PAVIMENTO - PILARES, VIGAS E LAJE MACIÇA

ÁREA DA OBRA:
136,75 M²

ÁREA DO TERRENO:

OBSERVAÇÕES:

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE LAJINHA

DESENHO:
THAÍS BOECHAT DE LIMA BASTOS

DATA:
10/2021

2/4