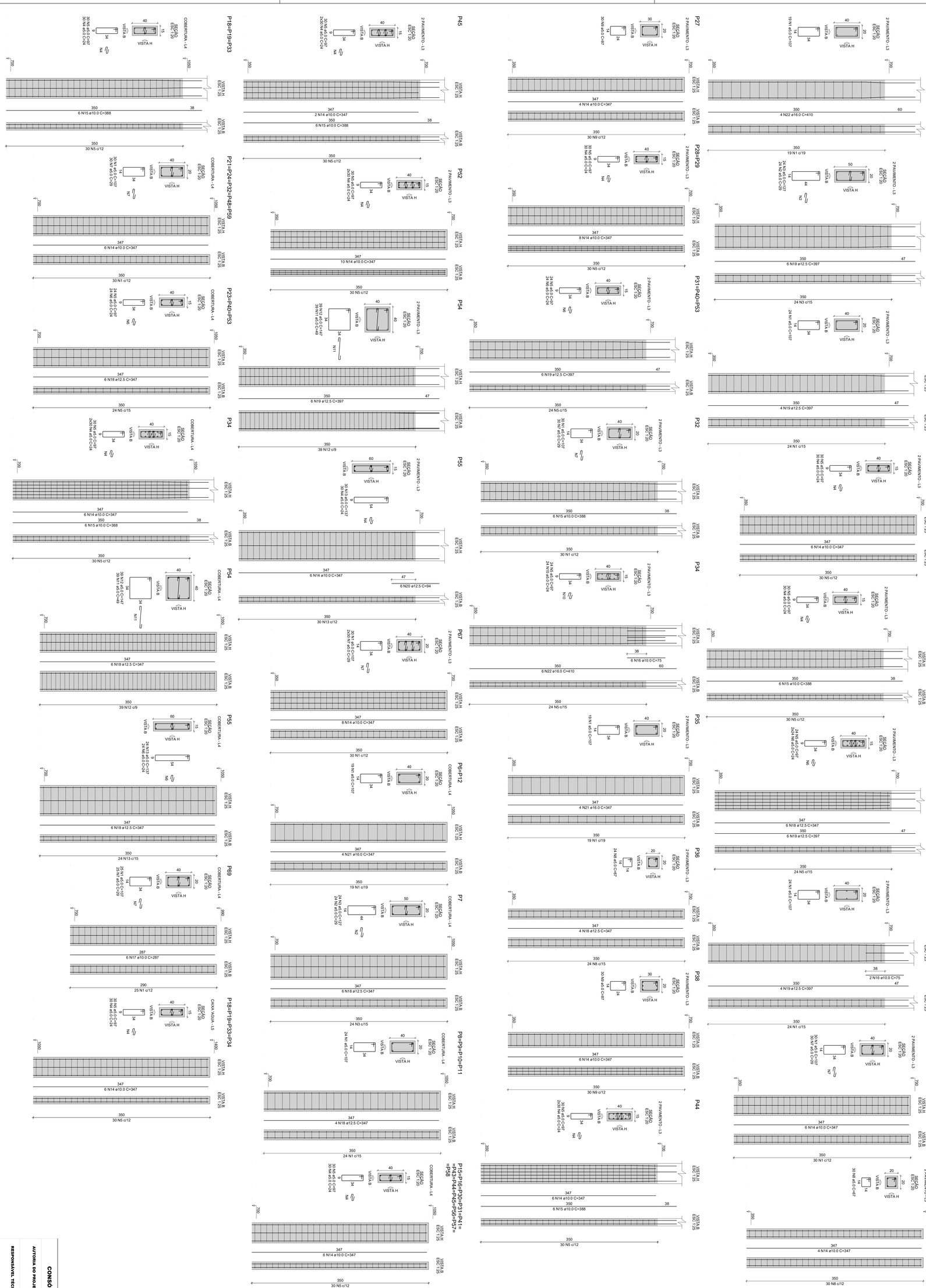


RELAÇÃO DO AÇO							
P7=L4							
4xP6-L3	2	5.0	48	48	96	0.395	37.92
4xP7-L3	2	5.0	48	48	96	0.395	37.92
4xP13-L3	2	5.0	48	48	96	0.395	37.92
4xP14-L3	2	5.0	48	48	96	0.395	37.92
4xP46-L3	2	5.0	48	48	96	0.395	37.92
4xP51-L3	2	5.0	48	48	96	0.395	37.92
4xP64-L3	2	5.0	48	48	96	0.395	37.92
2xP15-L4	1	5.0	48	48	48	0.395	18.96
2xP16-L4	1	5.0	48	48	48	0.395	18.96
2xP18-L4	1	5.0	48	48	48	0.395	18.96
2xP30-L4	1	5.0	48	48	48	0.395	18.96
2xP33-L4	1	5.0	48	48	48	0.395	18.96
2xP41-L4	1	5.0	48	48	48	0.395	18.96
2xP43-L4	1	5.0	48	48	48	0.395	18.96
2xP44-L4	1	5.0	48	48	48	0.395	18.96
2xP45-L4	1	5.0	48	48	48	0.395	18.96
2xP56-L4	1	5.0	48	48	48	0.395	18.96
2xP57-L4	1	5.0	48	48	48	0.395	18.96
2xP58-L4	1	5.0	48	48	48	0.395	18.96
4xP1-L3	4	5.0	48	48	192	0.395	75.84
4xP2-L3	4	5.0	48	48	192	0.395	75.84
4xP3-L3	4	5.0	48	48	192	0.395	75.84
4xP4-L3	4	5.0	48	48	192	0.395	75.84
4xP5-L3	4	5.0	48	48	192	0.395	75.84
4xP8-L3	4	5.0	48	48	192	0.395	75.84
4xP9-L3	4	5.0	48	48	192	0.395	75.84
4xP10-L3	4	5.0	48	48	192	0.395	75.84
4xP11-L3	4	5.0	48	48	192	0.395	75.84
4xP12-L3	4	5.0	48	48	192	0.395	75.84
4xP23-L3	4	5.0	48	48	192	0.395	75.84
4xP26-L3	4	5.0	48	48	192	0.395	75.84
4xP27-L3	4	5.0	48	48	192	0.395	75.84
4xP31-L3	4	5.0	48	48	192	0.395	75.84
4xP32-L3	4	5.0	48	48	192	0.395	75.84
4xP34-L3	4	5.0	48	48	192	0.395	75.84
4xP35-L3	4	5.0	48	48	192	0.395	75.84
4xP36-L3	4	5.0	48	48	192	0.395	75.84
4xP38-L3	4	5.0	48	48	192	0.395	75.84
4xP44-L3	4	5.0	48	48	192	0.395	75.84
4xP52-L3	4	5.0	48	48	192	0.395	75.84
4xP54-L3	4	5.0	48	48	192	0.395	75.84
4xP55-L3	4	5.0	48	48	192	0.395	75.84
4xP67-L3	4	5.0	48	48	192	0.395	75.84
4xP69-L3	4	5.0	48	48	192	0.395	75.84
P6=P12	2	5.0	48	48	96	0.395	37.92
P8=P9=P10=P11	4	5.0	48	48	192	0.395	75.84
P13=P14=P46=P51=P64	5	5.0	48	48	240	0.395	94.80
P15=P16=P18=P30=P33=P41=P43=P56=P57=P58	10	5.0	48	48	480	0.395	189.60
P19=P23	2	5.0	48	48	96	0.395	37.92
P21=P24=P45=P59=P69	5	5.0	48	48	240	0.395	94.80
P25=P47=P49=P50=P65=P66=P68	7	5.0	48	48	336	0.395	132.72
P26=P37	2	5.0	48	48	96	0.395	37.92
P18=P19=P33	3	5.0	48	48	144	0.395	56.88
P23=P40=P53	3	5.0	48	48	144	0.395	56.88
P34	2	5.0	48	48	96	0.395	37.92
P54	2	5.0	48	48	96	0.395	37.92
P55	2	5.0	48	48	96	0.395	37.92
P6=P12	2	5.0	48	48	96	0.395	37.92
P7	2	5.0	48	48	96	0.395	37.92
P8=P9=P10=P11	4	5.0	48	48	192	0.395	75.84
P44	2	5.0	48	48	96	0.395	37.92
P15=P16=P18=P30=P33=P41=P43=P44=P45=P56=P57=P58	10	5.0	48	48	480	0.395	189.60
P19=P23	2	5.0	48	48	96	0.395	37.92
P21=P24=P45=P59=P69	5	5.0	48	48	240	0.395	94.80
P25=P47=P49=P50=P65=P66=P68	7	5.0	48	48	336	0.395	132.72
P26=P37	2	5.0	48	48	96	0.395	37.92
P18=P19=P33	3	5.0	48	48	144	0.395	56.88
P69	1	5.0	48	48	48	0.395	18.96
P18=P19=P23=P34	3	5.0	48	48	144	0.395	56.88

RESUMO DO AÇO				
AÇO	DIAM. (mm)	C.TOTAL (m)	PESO (+ 10% kg)	
CA50	12.5	1.1	1.1	
	16.0	1.1	1.7	
	20.0	583.3	944.2	
CA60	5.0	3190	540.8	
CA50	1866.6			
CA60	3323.9			

Volume concreto = 251 = 22.9 m³
Área de forma = 1809.58 m²

CONSÓRCIO REGIONAL DE SANEAMENTO BÁSICO - CONSANE

AUTORIA DO PROJETO: Eng. Civil Felipe Vinicius Oliveira Silva
CREA nº 209726/D-MG

RESPONSÁVEL TÉCNICO: Eng. Civil Felipe Vinicius Oliveira Silva
CREA nº 209726/D-MG

ENDEREÇO: RUA QUINTINO BOCAIÚVA

PROPRIETÁRIO: Município de Ebi Mendes/MG

PROJETO ESTRUTURA DE CONCRETO ARMADO

OBRA: SECRETARIA DE EDUCAÇÃO

ASSUNTO: LOCAÇÃO

ETAPA DO PROJETO: EXECUTIVO

REVISÃO: R00 | FORMATO: A0 | FOLHA: 13/16 | DATA: 24/08/2026