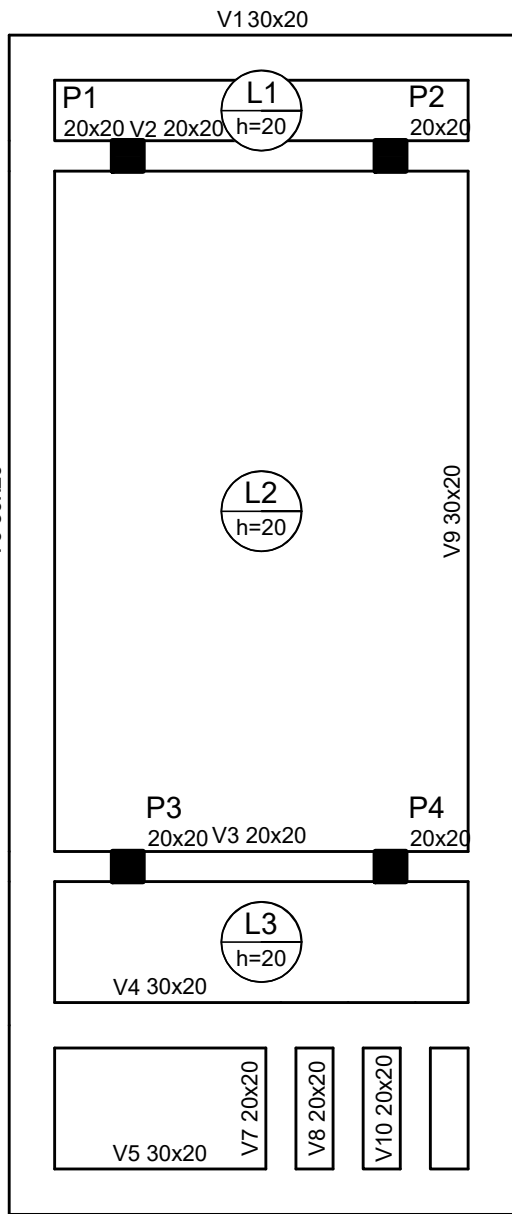


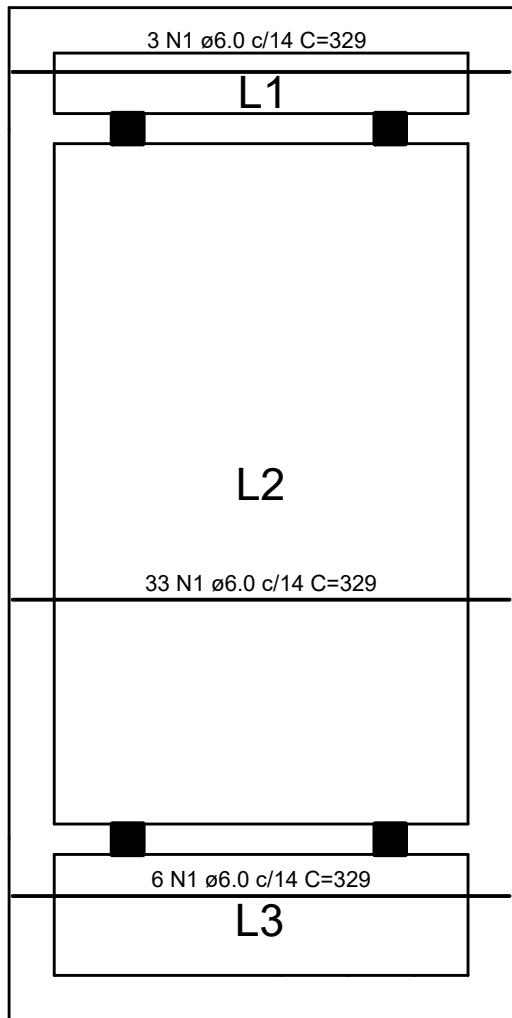


Forma do pavimento LAJE
escala 1:50

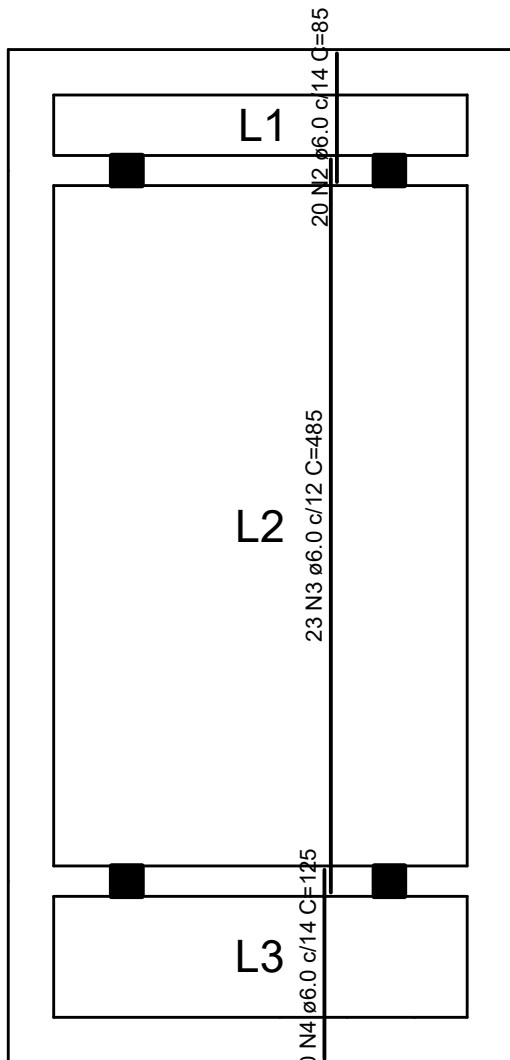
Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	30x20	0	360
V2	20x20	0	360
V3	20x20	0	360
V4	30x20	0	360
V5	30x20	0	360
V6	30x20	0	360
V7	20x20	0	360
V8	20x20	0	360
V9	30x20	0	360
V10	20x20	0	360

Lajes					
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Sobrecarga (kgf/m²)
L1	Maciça	20	0	360	282
L2	Maciça	20	0	360	282
L3	Maciça	20	0	360	282

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	241500



Armação positiva das
lajes do pavimento LAJE (Eixo X)
escala 1:50

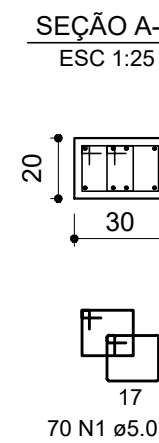
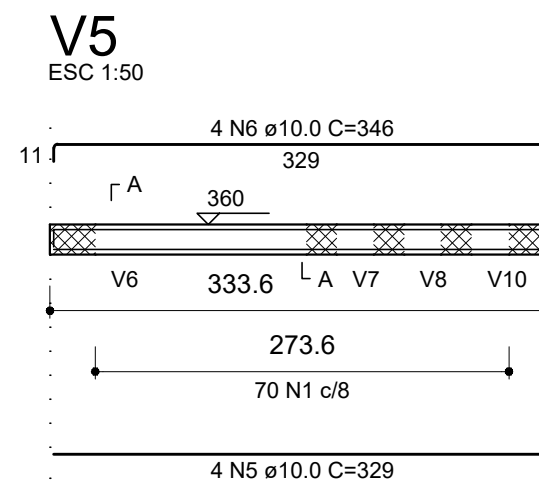
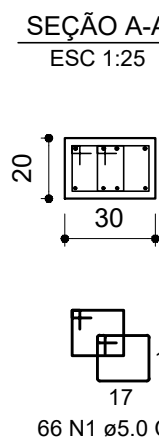
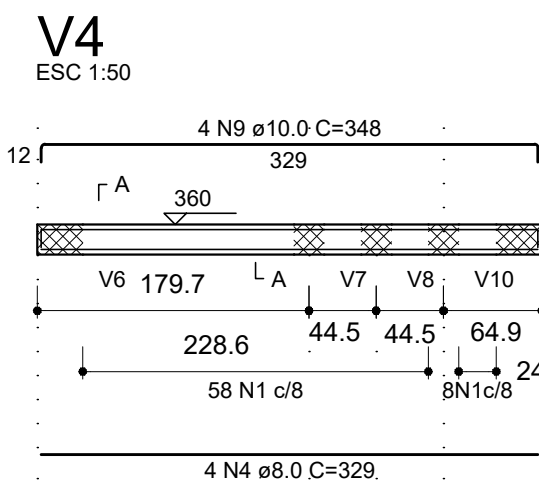
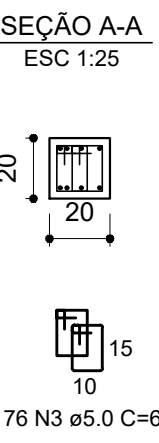
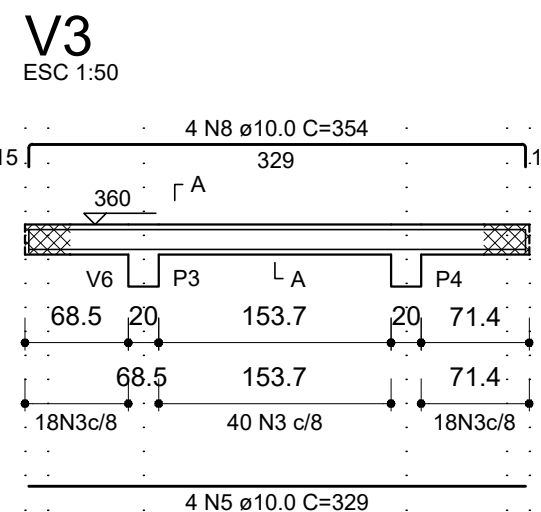
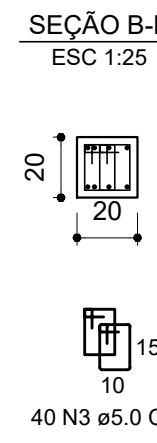
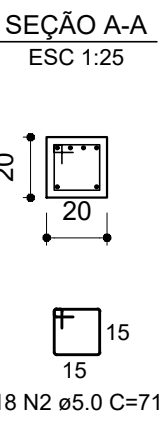
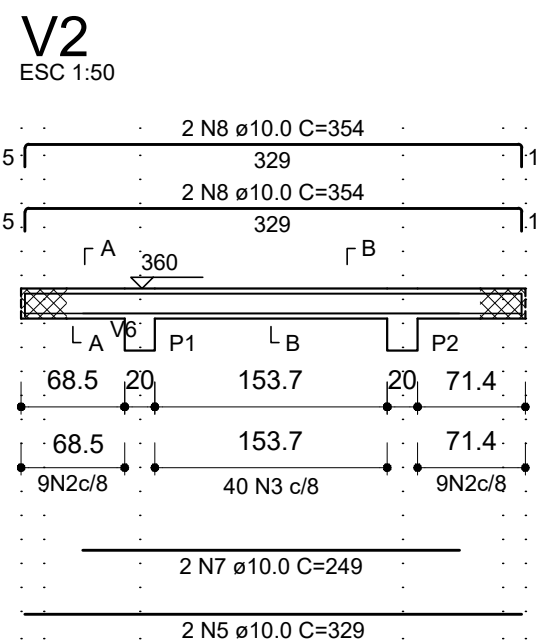
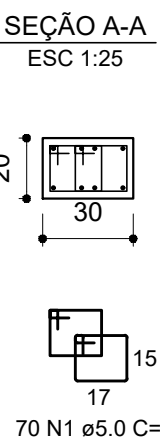
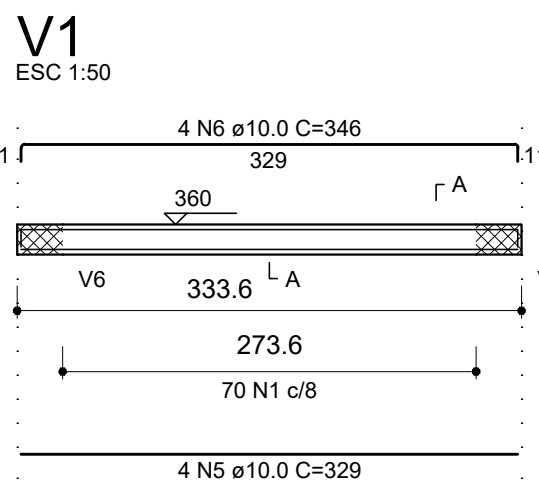


Armação positiva das
lajes do pavimento LAJE (Eixo Y)
escala 1:50

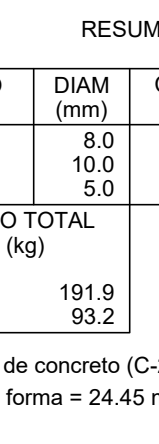
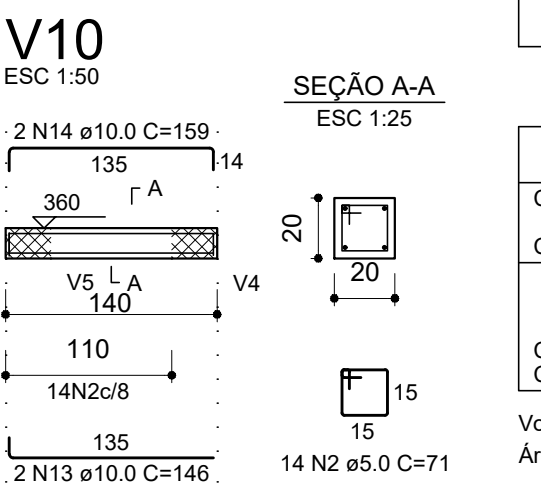
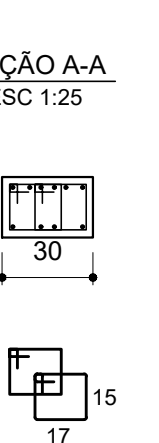
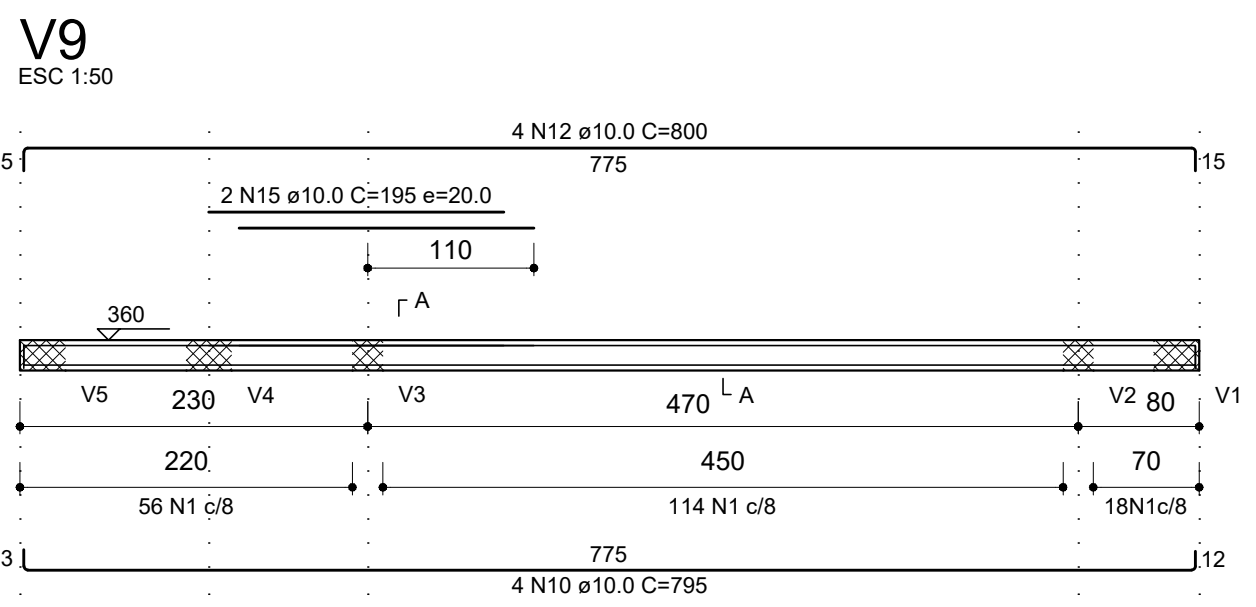
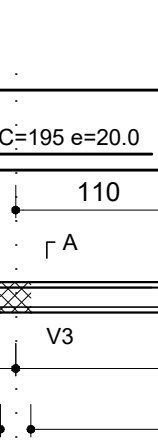
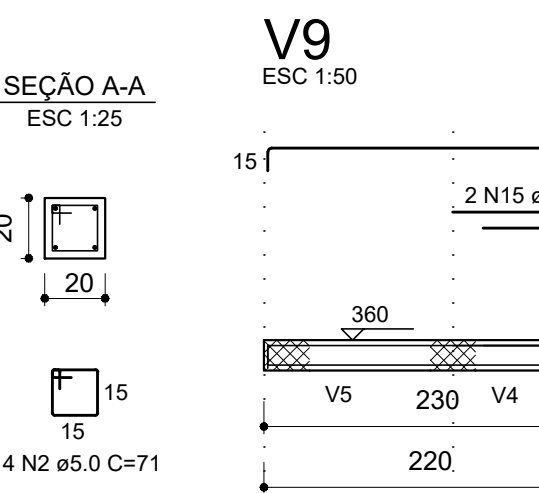
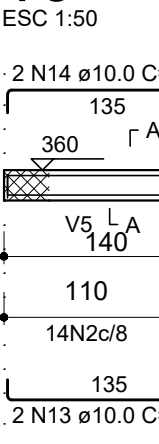
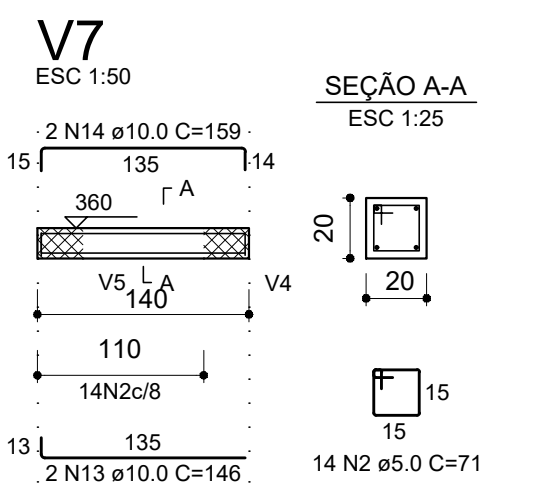
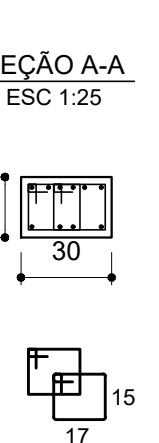
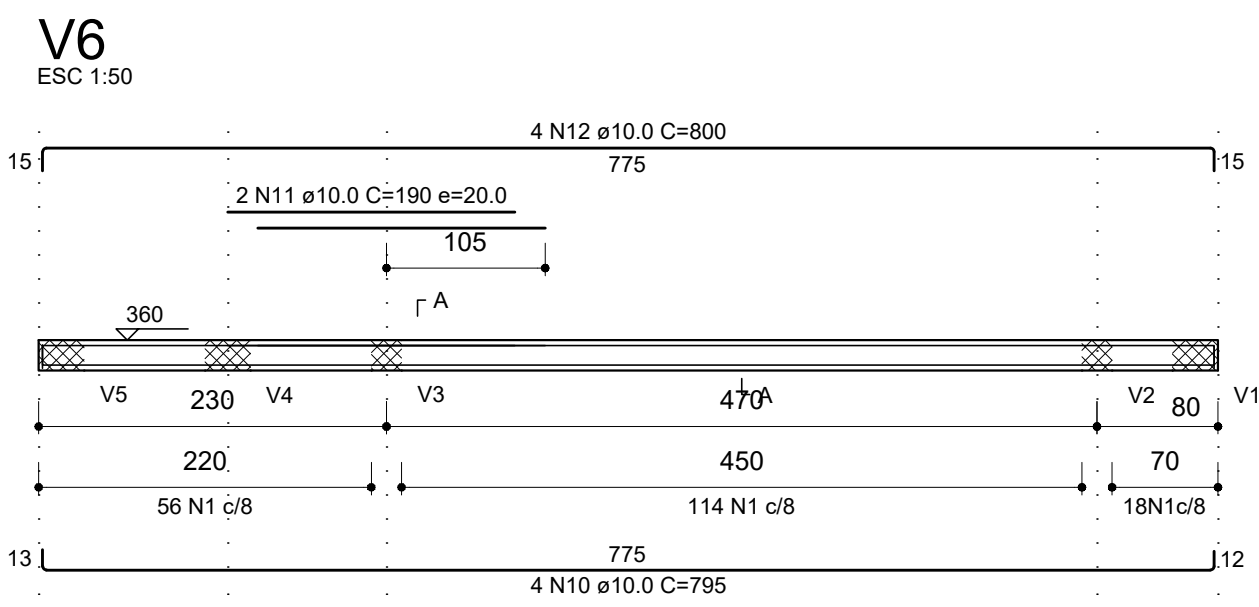
RELAÇÃO DO AÇO					
Positivos X			Positivos Y		
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	6.0	42	329	13818
	2	6.0	20	85	1700
	3	6.0	23	485	11155
	4	6.0	20	125	2500

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA60	6.0	291.7	71.2
PESO TOTAL (kg)			
CA60	71.2		

Volume de concreto (C-25) = 3.16 m³
Área de forma = 15.81 m²



RELAÇÃO DO AÇO					
V1 V4 V7 V10			V2 V5 V8 V9		
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	582	75	43650
	2	5.0	60	71	4260
	3	5.0	116	61	7076
	4	8.0	4	329	1316
CA50	5	10.0	14	329	4606
	6	10.0	8	345	2768
	7	10.0	2	249	498
	8	10.0	8	354	2832
	9	10.0	4	348	1392
	10	10.0	8	795	6380
	11	10.0	2	190	380
	12	10.0	8	800	6400
	13	10.0	6	146	876
	14	10.0	6	159	954
	15	10.0	2	195	390



RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	13.2	5.7
CA60	10.0	274.6	186.2
PESO TOTAL (kg)		549.9	93.2
CA50	191.9		
CA60	93.2		

Volume de concreto (C-25) = 1.82 m³
Área de forma = 24.45 m²

00	EMISSION	30/06/2022	MN
REVISÃO	DESCRIÇÃO	DATA	VISTO



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ENGENHEIRO CIVIL

(55) 9 9919-2943
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Santiago/ RS

PROPRIETÁRIO	MUNICÍPIO DE ITACURUBI
RESPONSÁVEL TÉCNICO	MATHEUS SANTOS NEIS ENGENHEIRO CIVIL CREA/RS 222.222

PROPRIETÁRIO:	MUNICÍPIO DE ITACURUBI
OBRA:	DETALHAMENTO ESTRUTURAL - PALANQUE
ENDEREÇO:	ITACURUBI/ RS

TÍTULO:	DET. ESTRUTURAL - PALANQUE - LAJE SUPERIOR
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DATA: JUN/ 22	ESCALA.: INDICADA	ÁREA: INDICADA	REVISÃO: 00	PRANCHA: E5.2
RESPONSÁVEL TÉCNICO: Eng. Civil Matheus Santos Neis CREA/RS 222.222.				