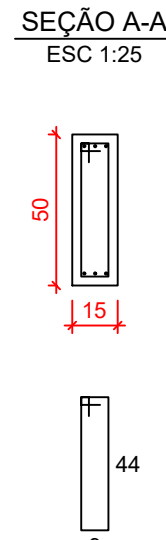
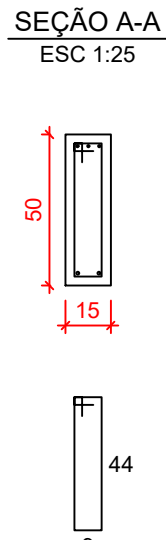
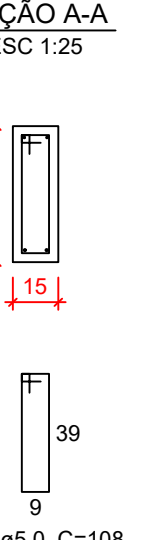
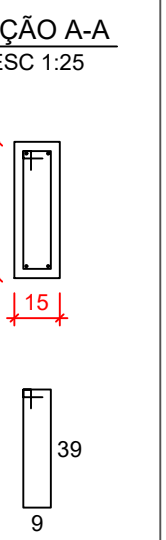
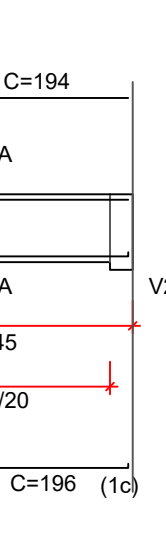
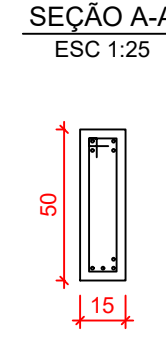
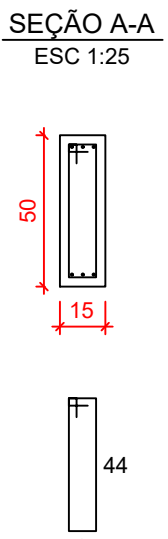
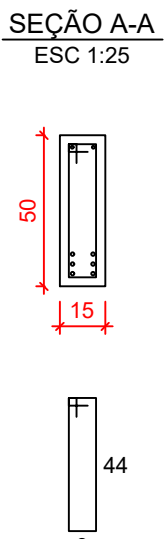
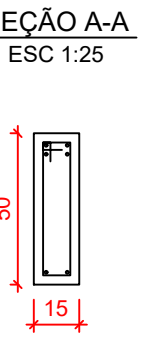
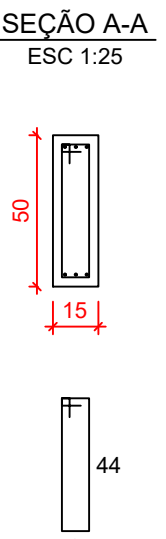
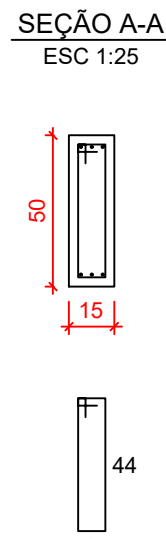
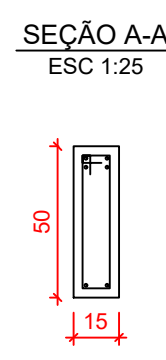
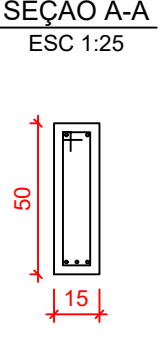
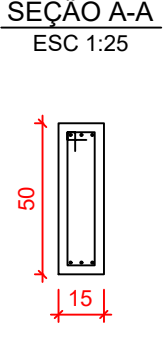
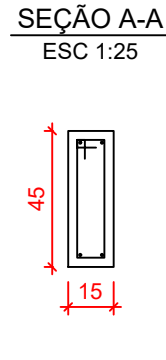
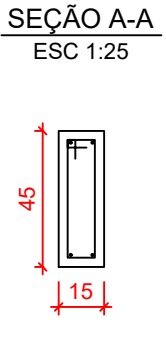
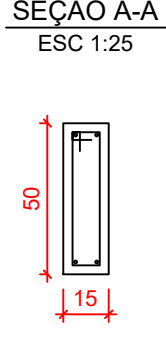
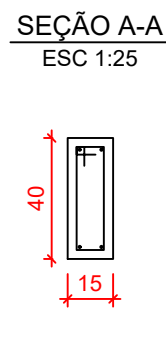
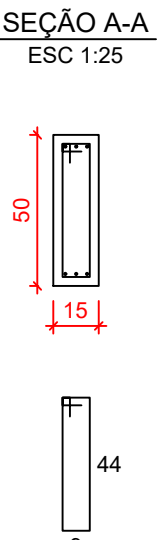
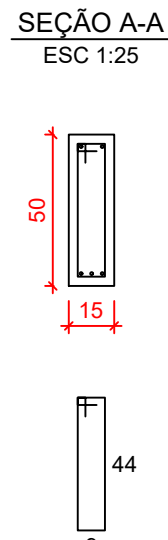
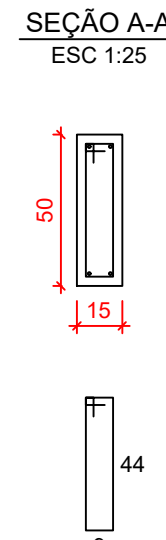
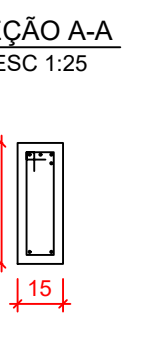
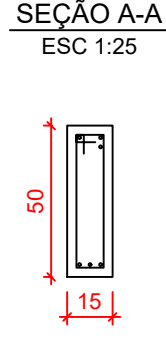


Relação do aço						
V1	V2	V3				
V4	V5	V6				
V7	V8	V9				
V10	V11	V12				
V13	V14	V15				
V16	V17	V18				
V19	V20	V21				
V22	V23	V24				
V25	V26	V27				
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)	
CA50	1	5.0	78	98	7644	
	2	5.0	321	118	37878	
	3	5.0	31	138	4278	
	4	5.0	4	194	776	
	5	5.0	48	108	5184	
	6	6.3	5	76	390	
	7	6.3	3	96	288	
	8	6.3	3	106	318	
	9	6.3	3	86	258	
	10	8.0	2	1083	2166	
	11	8.0	2	1137	2214	
	12	8.0	4	198	792	
	13	8.0	3	233	699	
	14	8.0	6	286	1716	
	15	8.0	3	185	555	
	16	8.0	3	209	627	
	17	8.0	6	240	1440	
	18	8.0	3	264	792	
	19	8.0	6	196	1176	
	20	8.0	2	250	500	
	21	8.0	3	569	1707	
	22	8.0	2	205	410	
	23	8.0	1	146	146	
	24	8.0	1	191	191	
	25	8.0	2	249	498	
	26	8.0	3	176	528	
	27	8.0	3	214	642	
	28	8.0	2	239	478	
	29	8.0	2	126	252	
	30	8.0	2	189	378	
	31	8.0	2	348	696	
	32	8.0	2	395	790	
	33	8.0	1	139	139	
	34	8.0	2	183	366	
	35	8.0	3	236	708	
	36	10.0	2	428	856	
	37	10.0	2	210	420	
	38	10.0	1	214	214	
	39	10.0	1	279	279	
	40	10.0	2	467	934	
	41	10.0	4	523	2092	
	42	10.0	1	185	185	
	43	10.0	1	189	189	
	44	10.0	1	249	249	
	45	10.0	3	569	1707	
	46	10.0	1	138	138	
	47	10.0	2	256	512	
	48	10.0	4	548	2192	
	49	10.0	1	399	399	
	50	10.0	1	419	419	
	51	10.0	2	585	1170	
	52	10.0	2	396	792	
	53	10.0	1	281	281	
	54	10.0	1	354	354	
	55	10.0	2	452	904	
	56	10.0	2	558	1116	
	57	10.0	1	499	499	
	58	10.0	1	502	502	
	59	10.0	2	576	1152	
	60	10.0	2	591	1182	
	61	10.0	2	729	1458	
	62	10.0	3	518	1554	
	63	10.0	1	151	151	
	64	10.0	2	549	1098	
	65	10.0	2	475	950	
	66	10.0	2	523	1046	
	67	10.0	1	316	316	
	68	10.0	2	478	956	
	69	10.0	2	510	1020	
	70	10.0	2	470	940	
	71	10.0	2	535	1070	
	72	10.0	3	344	1032	
	73	10.0	2	383	766	
	74	12.5	2	345	690	
	75	12.5	2	526	1052	
	76	12.5	2	533	1066	



Resumo do aço			
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	5.0	557.6	94.5
	6.3	12.5	3.3
	8.0	206.1	89.4
	10.0	307	208.2
	12.5	28.1	29.8
PESO TOTAL			
CA50	425.2		

Vol. de concreto total (C-25) = 7.26 m³
Área de forma total = 108.58 m²



ASSINATURAS

GUSTAVO HENRIQUE PEITRUKA

ENG. CIVIL - CREA/SC nº 133221-3

RESPONSÁVEL TÉCNICO

SERVIÇO AUTÔNOMO MUNICIPAL DE

ÁGUA E ESGOTO DE TIMBÓ

WALDIR GIRARDI

Proprietário

SERVIÇO AUTÔNOMO MUNICIPAL DE ÁGUA E ESGOTO DE TIMBÓ

Endereço da obra

Rua Rio Grande, nº40, Dos Estados, Timbó/SC

Obra

Construção de edificação pública em alvenaria, 1 pavto. e garagem em pré-moldado, 1 pavto.

Projetos

- Vigas do Nível 0,70m

Área

590,18m²

Escala

Indicadas

Data

Setembro/2020

Desenho

Gustavo

Tipo de projeto

Plancha

EST
03/05

