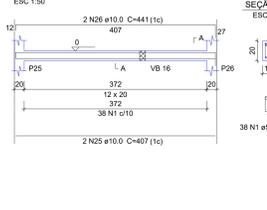
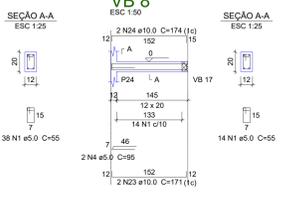
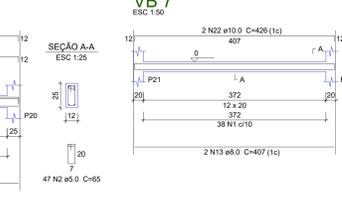
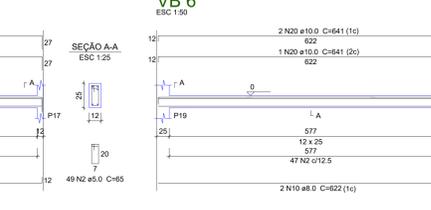
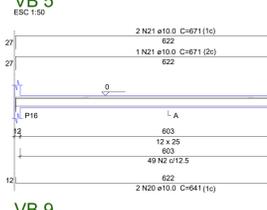
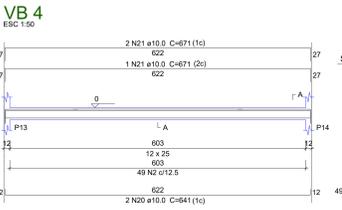
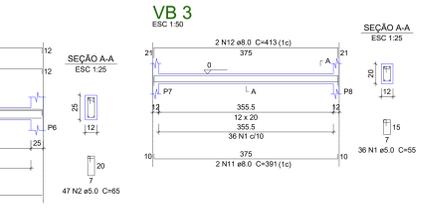
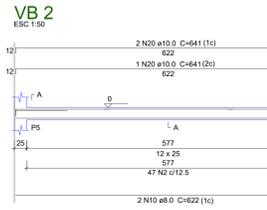
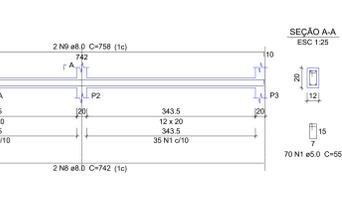
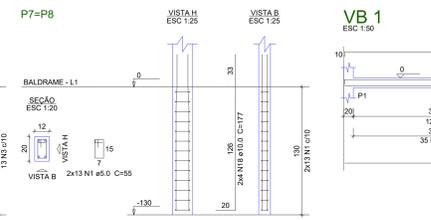
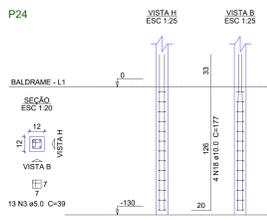
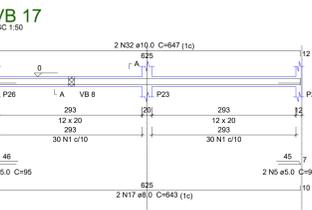
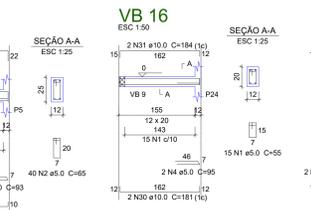
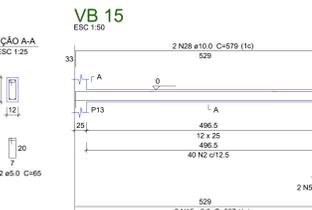
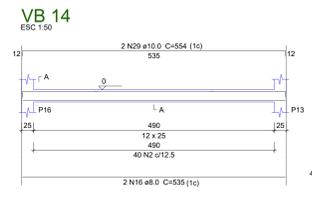
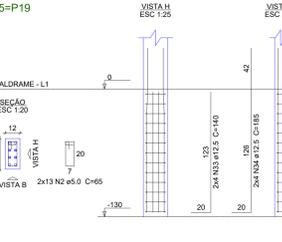
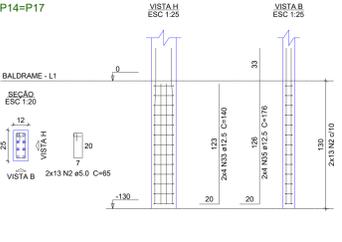
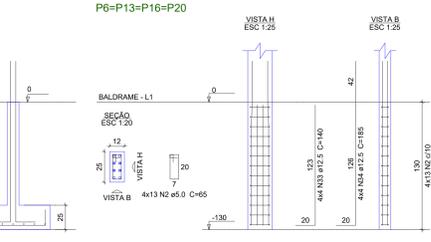
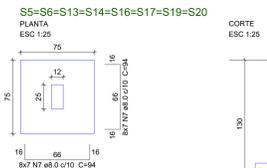
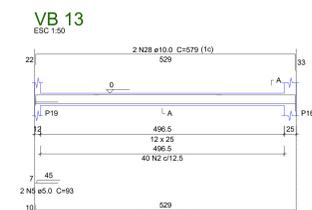
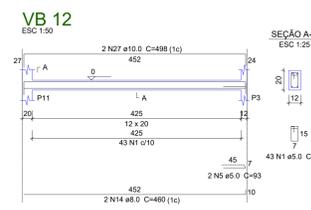
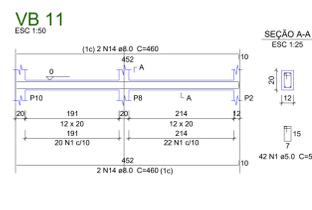
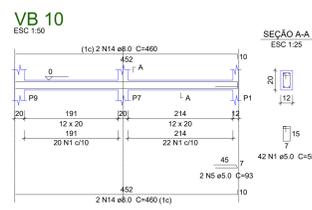
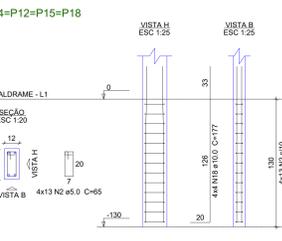
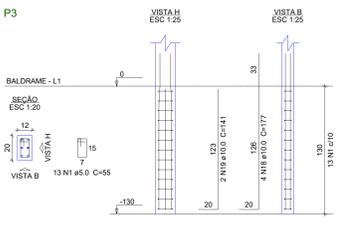
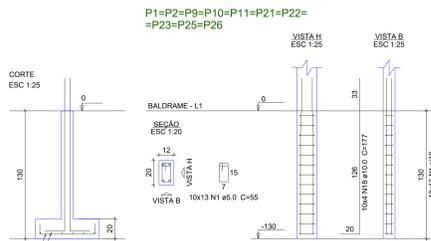


S1=S2=S3=S4=S9=S10=S11=S12=S15=S18=S21
=S22=S23=S25=S26



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
S12	1	5.0	567	55	31185
VB 1	2	5.0	588	65	38220
VB 4	3	5.0	13	39	507
VB 5	4	5.0	6	95	570
VB 7	5	5.0	14	93	1302
VB 10	6	8.0	180	74	13320
VB 11	7	8.0	112	94	10528
VB 12	8	8.0	2	742	1484
VB 13	9	8.0	2	758	1516
VB 16	10	8.0	4	622	2488
VB 17	11	8.0	2	391	782
VB 19	12	8.0	2	413	826
	13	8.0	2	407	814
	14	8.0	10	460	4600
	15	8.0	8	537	4296
	16	8.0	4	535	2140
	17	8.0	2	643	1286
	18	10.0	72	177	12744
	19	10.0	2	141	282
	20	10.0	10	841	8410
	21	10.0	6	671	4026
	22	10.0	2	426	852
	23	10.0	2	171	342
	24	10.0	2	174	348
	25	10.0	2	407	814
	26	10.0	2	441	882
	27	10.0	2	498	996
	28	10.0	8	579	4632
	29	10.0	4	554	2216
	30	10.0	2	181	362
	31	10.0	2	184	368
	32	10.0	2	647	1294
	33	12.5	32	140	4480
	34	12.5	24	185	4440
	35	12.5	8	178	1408

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	440.8	173.9
	10.0	365.7	225.5
	12.5	103.3	99.5
CA60	5.0	717.9	110.6
PESO TOTAL (kg)			
CA50		498.9	
CA60		110.6	

Volume de concreto (C-30) = 5.96 m³
Área de forma = 87.91 m²

PREFEITURA: CREA

PROJETO: **PROJETO ESTRUTURAL** 3/7

OBRA: AMPLIAÇÃO DA ESCOLA MUNICIPAL JOSÉ MARIA PINHEIRO LOPES
PROPRIETÁRIO: FUNDO MUNICIPAL DE EDUCAÇÃO DE SÃO BENTO - TO
CNPJ: 32.316.900/0001-39
ENDEREÇO: TO - 010, POVOADO TRECHO SECO - SÃO BENTO DO TOCANTINS

QUADRO DE ÁREAS	ASSINATURA	
ÁREA DE AMPLIAÇÃO: 159,05m²	PROPRIETÁRIO	FUNDO MUNICIPAL DE SÃO BENTO DO TOCANTINS
ÁREA DO GALPÃO: 130,50m²	AUTOR DO PROJETO	GUSTAVO SILVA VELOSO
	ARQUITETO URBANISTA	
	RESP. TÉCNICO	

ESCALA: INDICADA DESENHO: GUSTAVO SILVA VELOSO DATA: JANEIRO DE 2026

CONTEÚDO: VISTAS E CORTES DA VB E TABELAS.