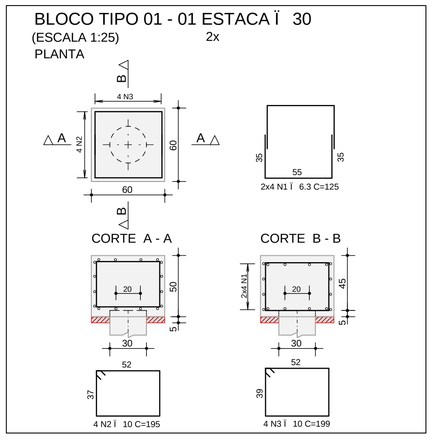
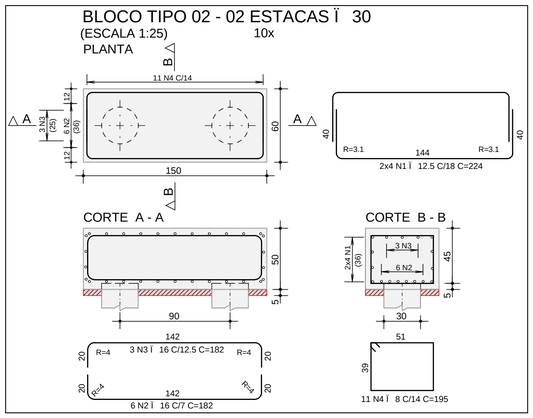
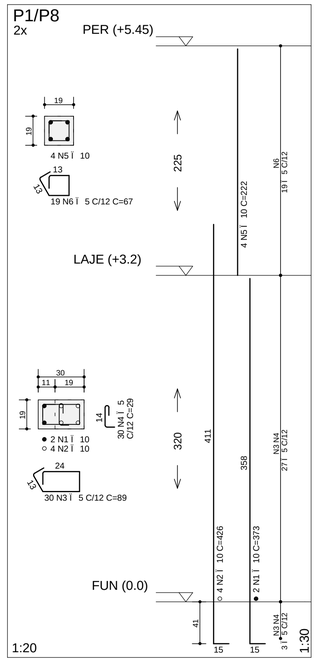
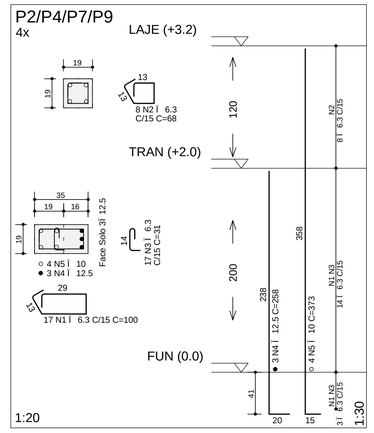


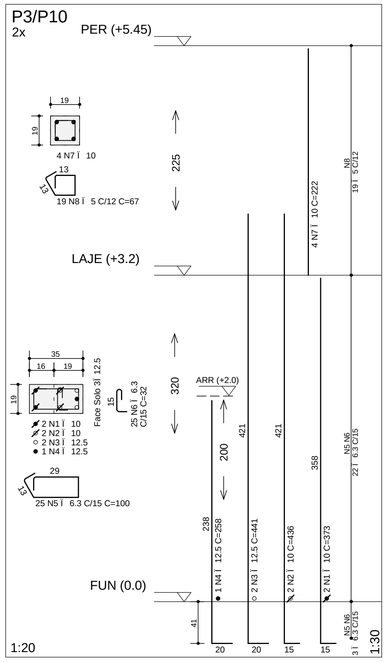


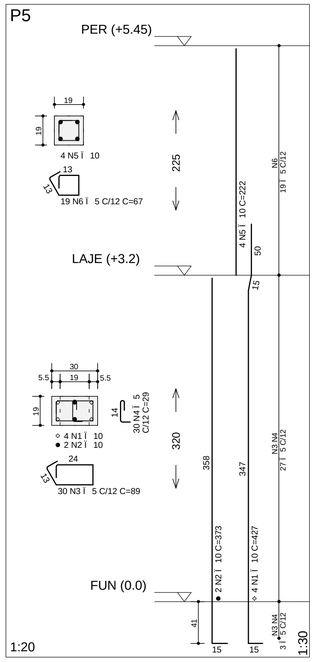


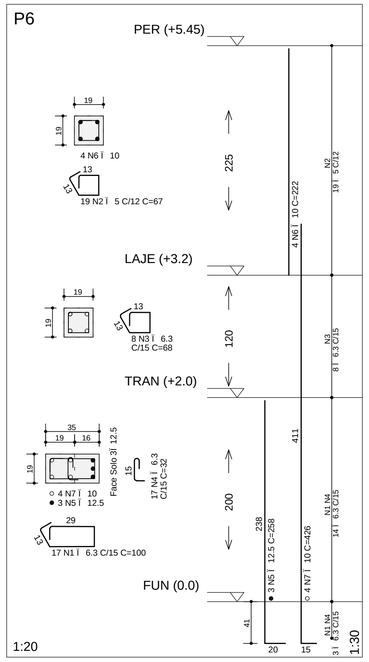


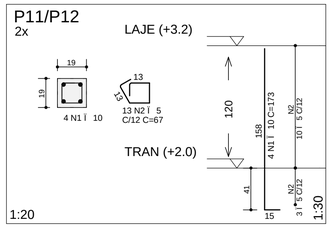
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
BLOCO TIPO 01 - 01 ESTACA Ï 30 (X2)					
50A	1	6.3	16	125	2000
50A	2	10	8	195	1560
50A	3	10	8	199	1592
BLOCO TIPO 02 - 02 ESTACAS Ï 30 (X10)					
50A	1	12.5	80	224	17920
50A	2	16	60	182	10920
50A	3	16	30	182	5460
50A	4	8	110	195	21450
P1/P8 (X2)					
50A	1	10	4	373	1492
50A	2	10	8	426	3408
60B	3	5	60	89	5340
60B	4	5	60	29	1740
50A	5	10	8	222	1776
60B	6	5	38	67	2546
P2/P4/P7/P9 (X4)					
50A	1	6.3	68	100	6800
50A	2	6.3	32	68	2176
50A	3	6.3	68	31	2108
50A	4	12.5	12	258	3096
50A	5	10	16	373	5968
P3/P10 (X2)					
50A	1	10	4	373	1492
50A	2	10	4	436	1744
50A	3	12.5	4	441	1764
50A	4	12.5	2	258	516
50A	5	6.3	50	100	5000
50A	6	6.3	50	32	1600
50A	7	10	8	222	1776
60B	8	5	38	67	2546
P5					
50A	1	10	4	427	1708
50A	2	10	2	373	746
60B	3	5	30	89	2670
60B	4	5	30	29	870
50A	5	10	4	222	888
60B	6	5	19	67	1273
P6					
50A	1	6.3	17	100	1700
60B	2	5	19	67	1273
50A	3	6.3	8	68	544
50A	4	6.3	17	32	544
50A	5	12.5	3	258	774
50A	6	10	4	222	888
50A	7	10	4	426	1704
P11/P12 (X2)					
50A	1	10	8	173	1384
60B	2	5	26	67	1742

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60B	5	200	31
50A	6.3	225	55
50A	8	215	85
50A	10	281	174
50A	12.5	241	232
50A	16	164	258
Peso Total	60B =		31 kgf
Peso Total	50A =		804 kgf









EMISSÃO INICIAL	25/08/2022

RICARDO SIMÌ ES

Engenheiro Civil CREA 5060265985
tel. (11) 4524-0593 / 9.9686-6145

CLIENTE
CÂMARA MUNICIPAL DE ITATIBA

CÁLCULO
Ricardo

LOCAL
ITATIBA / SP

FOLHA
03

PROJETO
PROJETO EXECUTIVO ESTRUTURAL
ARMAÇÃO DOS BLOCOS DE FUNDAÇÃO
ARMAÇÃO DOS PILARES

OBRA No.
20/22

DATA	ESCALA	ARQUIVO
25/08/2022	1:25 / Indicada	PR-20-2022- 03 .PDF

SIMÌ ES PROJETOS ESTRUTURAIS LTDA PL:C:\TQS-2022\20 - CÂMARA MUNICIPAL - RESERVATÓRIO\PLTVPR-20-2022-03.PLT 25/08/2022 15:03:19