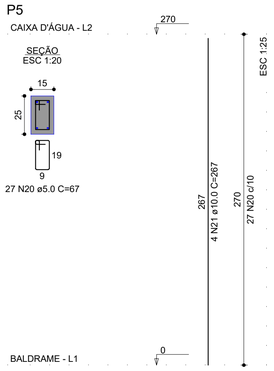
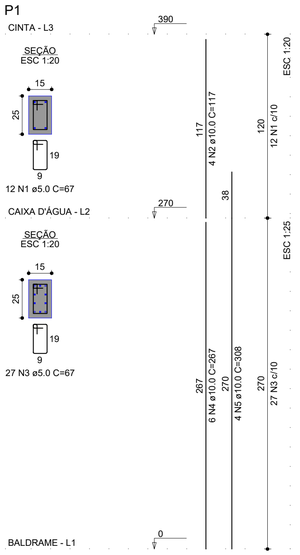
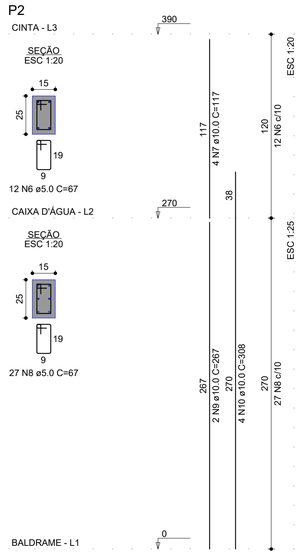
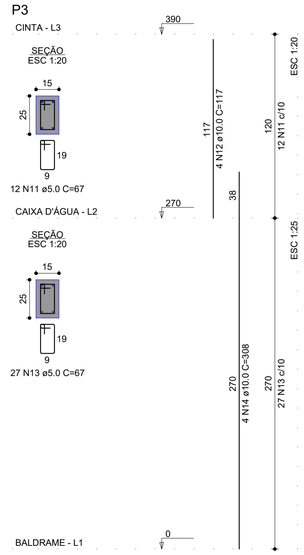
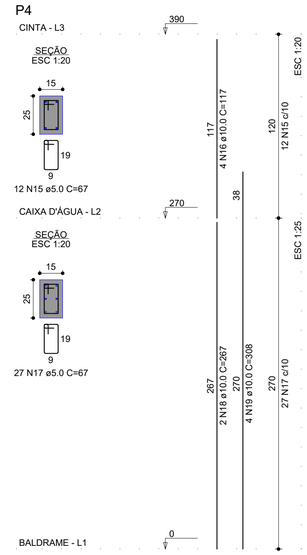










RELAÇÃO DO AÇO

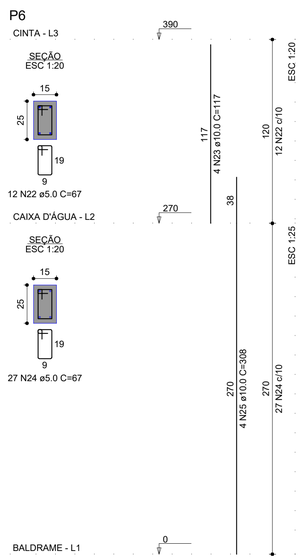
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P1-L3	CA60	1	5.0	12	67	804
P1-L2	CA50	2	10.0	4	117	468
	CA60	3	5.0	27	67	1809
	CA50	4	10.0	6	267	1602
	CA50	5	10.0	4	308	1232
P2-L3	CA60	6	5.0	12	67	804
	CA50	7	10.0	4	117	468
P2-L2	CA60	8	5.0	27	67	1809
	CA50	9	10.0	2	267	534
	CA50	10	10.0	4	308	1232
P3-L3	CA60	11	5.0	12	67	804
	CA50	12	10.0	4	117	468
P3-L2	CA60	13	5.0	27	67	1809
	CA50	14	10.0	4	308	1232
P4-L3	CA60	15	5.0	12	67	804
	CA50	16	10.0	4	117	468
P4-L2	CA60	17	5.0	27	67	1809
	CA50	18	10.0	2	267	534
	CA50	19	10.0	4	308	1232
P5-L2	CA60	20	5.0	27	67	1809
	CA50	21	10.0	4	267	1068
P6-L3	CA60	22	5.0	12	67	804
	CA50	23	10.0	4	117	468
P6-L2	CA60	24	5.0	27	67	1809
	CA50	25	10.0	4	308	1232
P7-L3	CA60	26	5.0	12	67	804
	CA50	27	10.0	4	117	468
P7-L2	CA60	28	5.0	27	67	1809
	CA50	29	10.0	4	308	1232
P8-L3	CA60	30	5.0	12	67	804
	CA50	31	10.0	4	117	468
P8-L2	CA60	32	5.0	27	67	1809
	CA50	33	10.0	4	308	1232

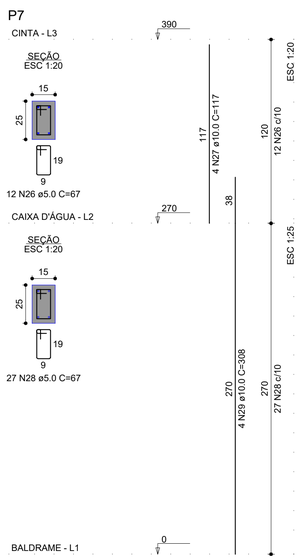
RESUMO DO AÇO

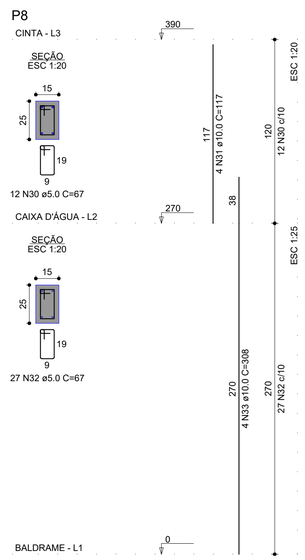
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	156.4	96.4
CA60	5.0	201	31

PESO TOTAL (kg)	
CA50	96.4
CA60	31

Volume de concreto (C-25) = 1.13 m³
Área de forma = 24.00 m²







PROJETO APROVADO
Prefeitura Municipal de Rondolândia - MT
Responsável
Data 15/03/21
Juscie Jacqueline Lauxen
Responsável Técnica
Engenheira Civil CREA: 9742DRO
Visto nº: 2019003428
Decreto: 011/GAB/SEMFAZ/2021

MINISTÉRIO DA DEFESA	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
P C N — Programa Calha Norte	2020	EST	02/05	A 04/01/2021
				B
CONVENIENTE: PREFEITURA MUNICIPAL DE RONDOLÂNDIA CNPJ: 04.221.686/0001-49	LOCAL: RUA PADRE EZEQUIEL RAMIM E RUA MANUEL DE OLIVEIRA GUEDES ENTRE A AV. ANDRE MAGGI E AV. JOANA ALVES			C
OBRA: CONSTRUÇÃO DE QUADRA COBERTA COM ARQUIBANCADA E VESTIÁRIOS			ÁREAS: CONFORME PROJETO ARQUITETÔNICO	D
PILARES — Leonardo Martins Carvalho, Engenheiro Civil, CREA-MT 036.754				E
				F
AUTOR:	DESENHO: LEONARDO MARTINS		DATA: 02/04/2020	G
VISTO — PREFEITO MUNICIPAL:			DIM: METRO	H
VISTO — AUTOR:			ESCALA: INDICADA	I