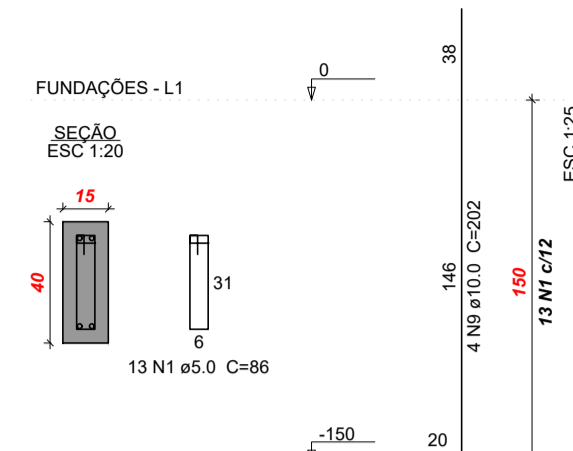
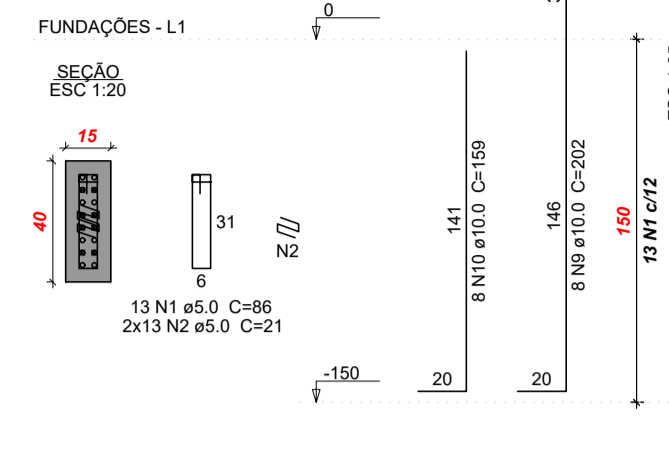


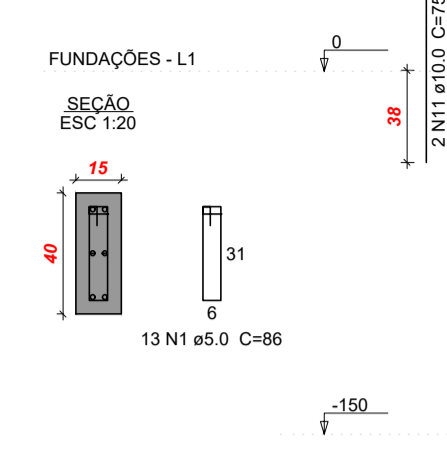
P1=P3=P5=P13=P14=P16=P17=  
=P20



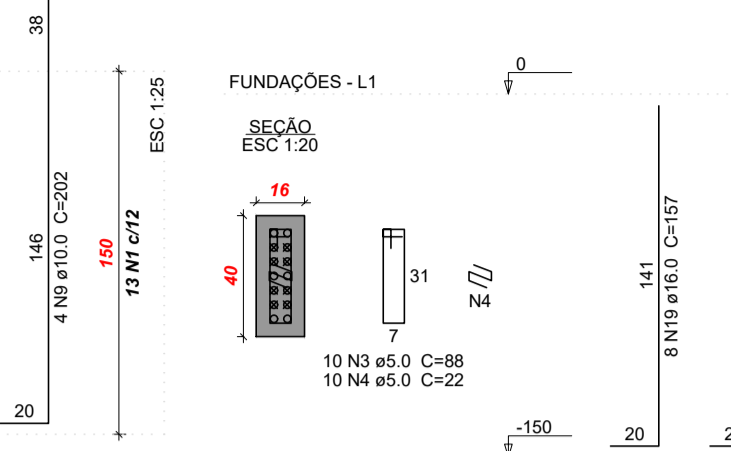
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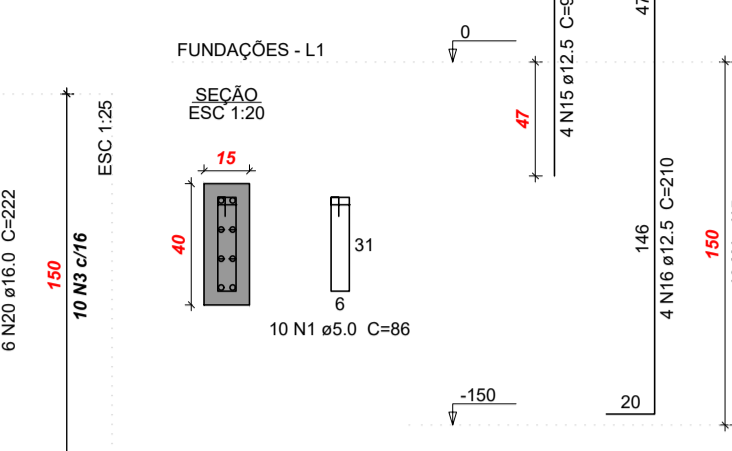
P4=P6=P7=P9=P12=P18=P19



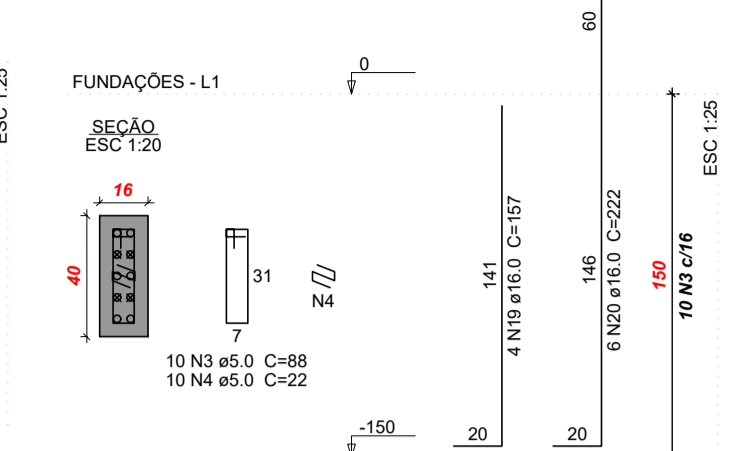
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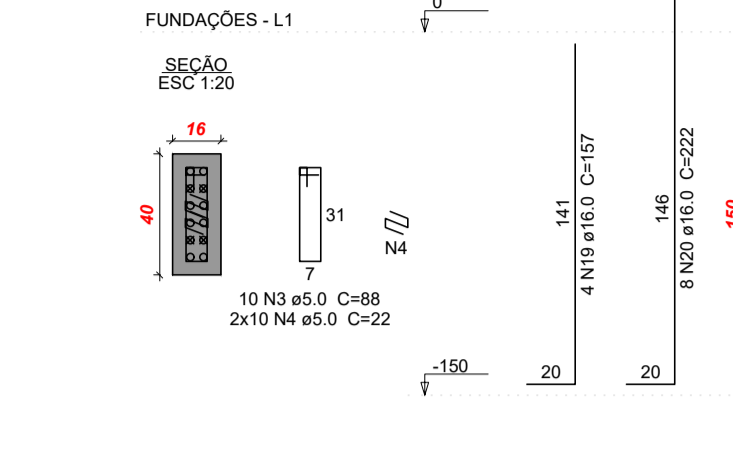
P10



P11



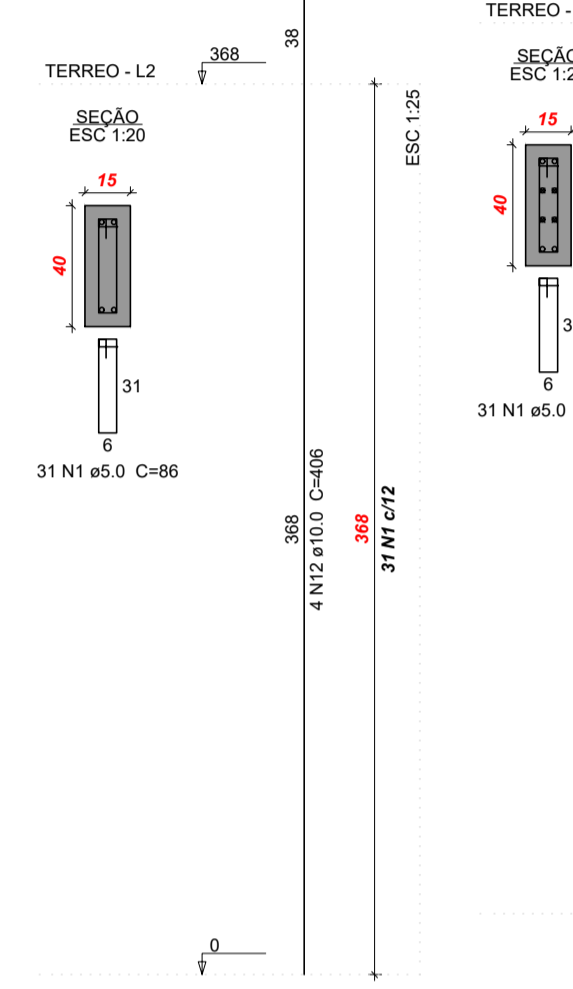
P15



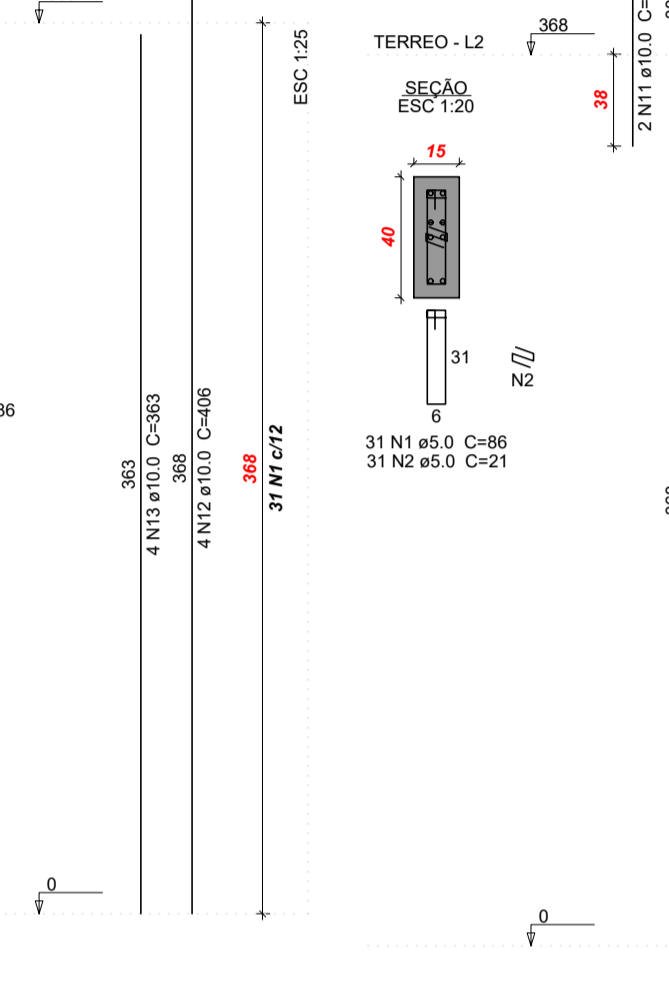
**Relação do aço**

COBERTURA:	8xP1	P4
	P6	2xP7
	P10	P12
	P14	P15
FUNDAÇÕES:	8xP1	P2
	7xP4	P8
	P10	P11
	P15	
RESPALDO:	13xP1	P4
	P10	
TERREÇO:	7xP1	P2
	4xP4	P5
	P8	P10
	P11	P12
	P15	2xP18

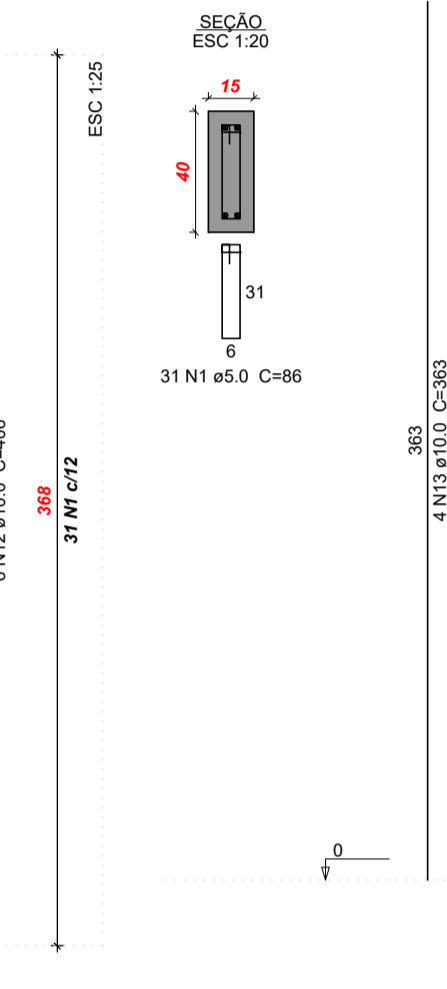
P1=P3=P13=P14=P16=  
=P17=P20



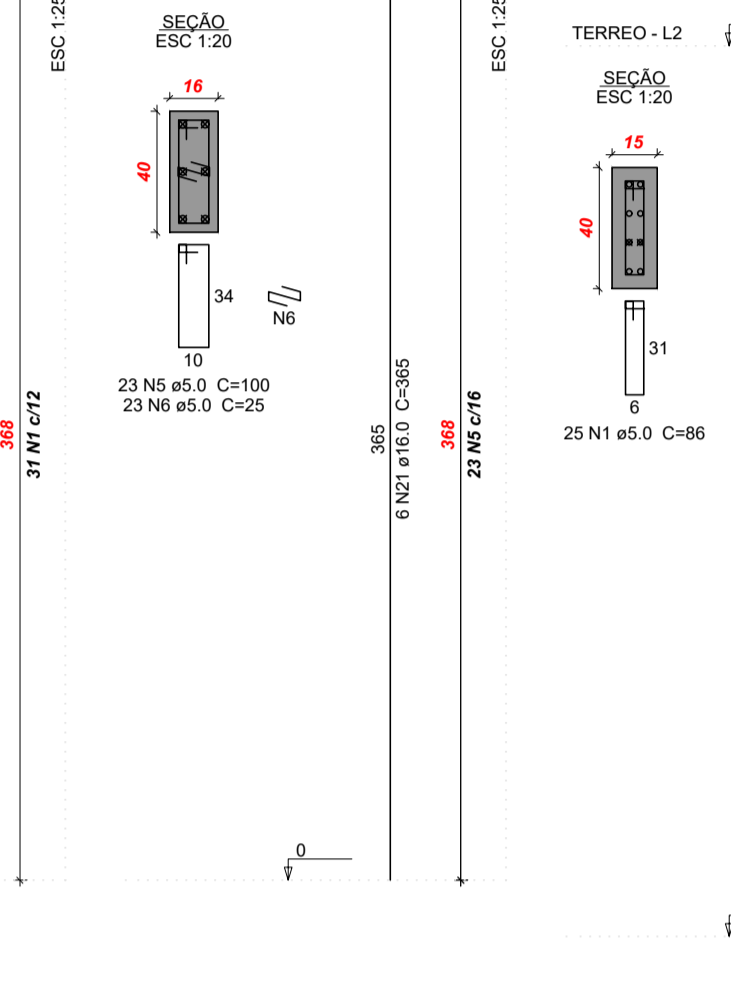
P2



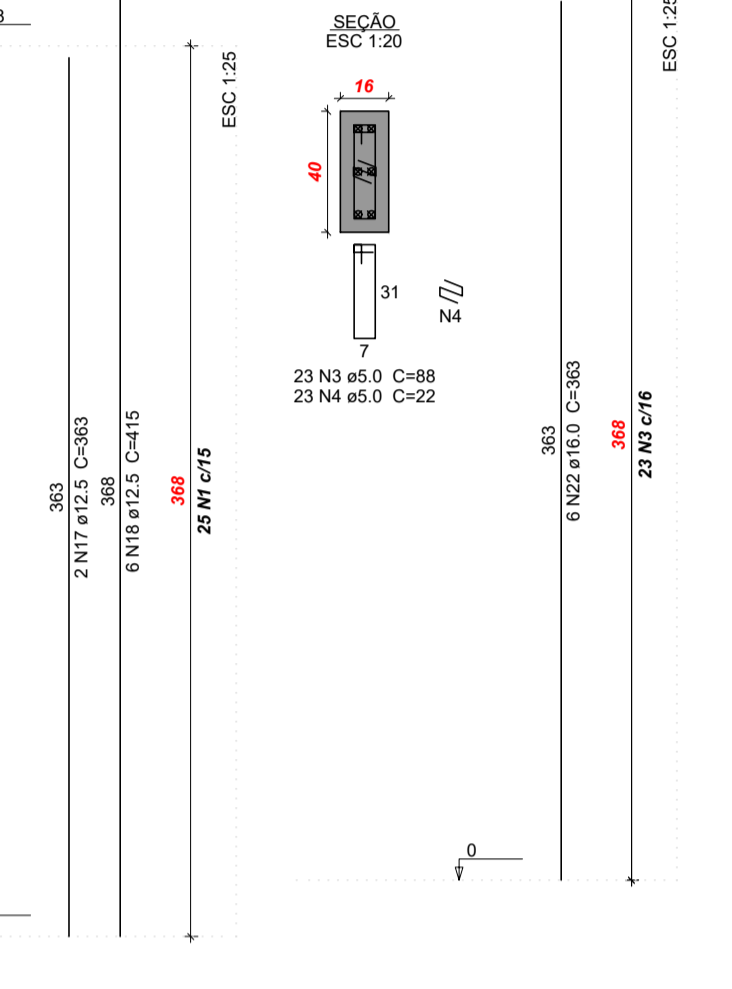
P4=P6=P7=P9



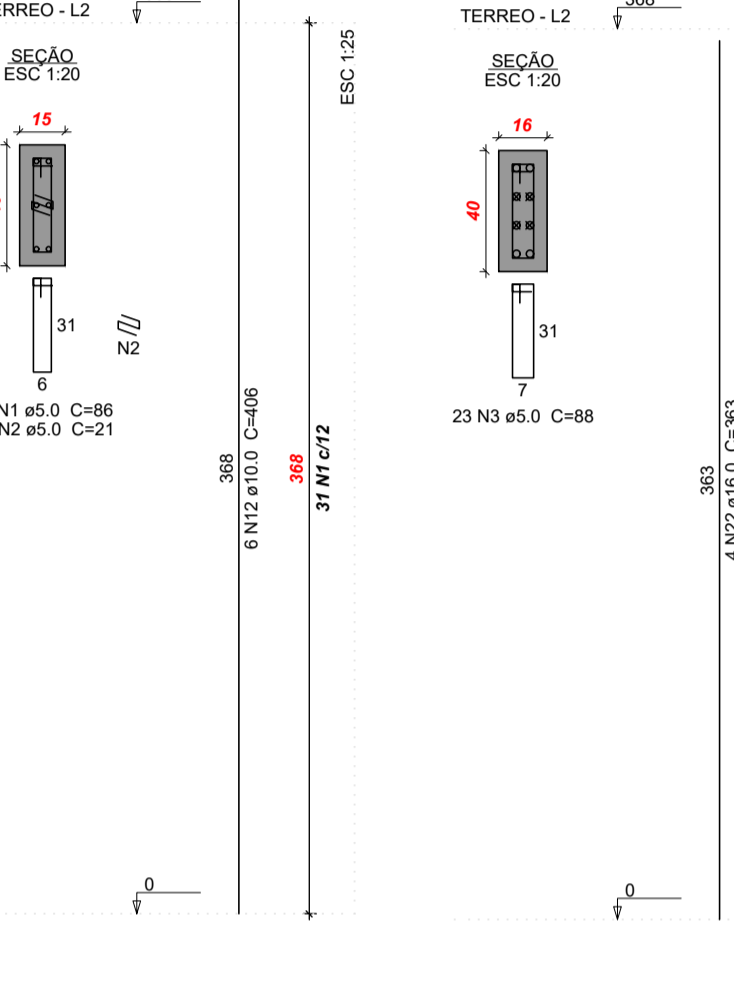
P5



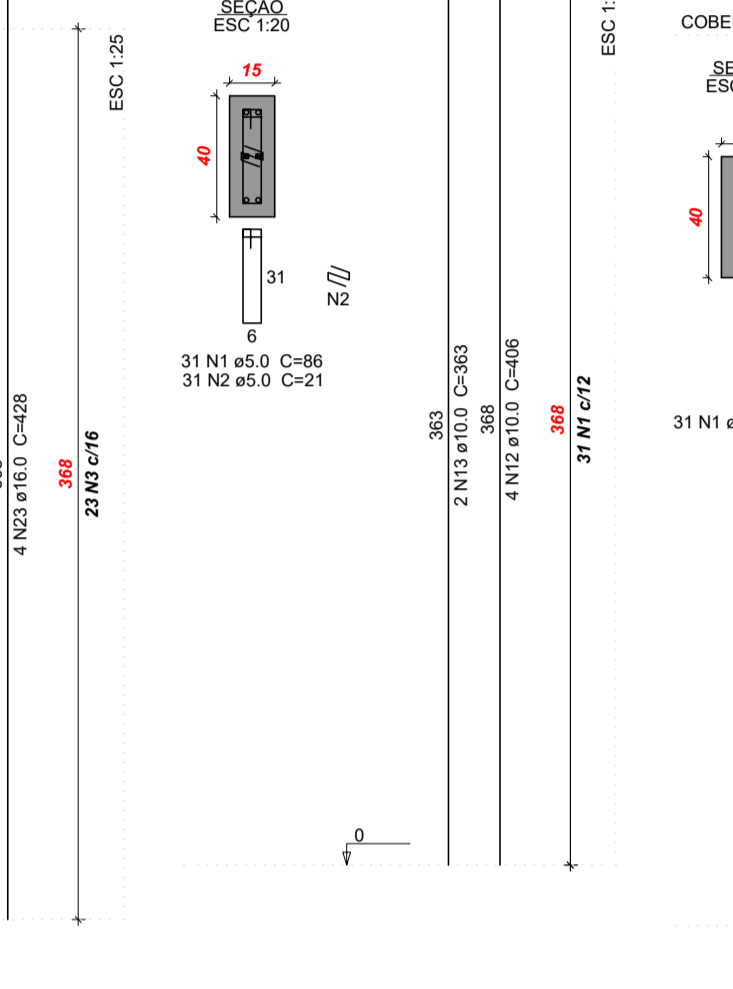
P8



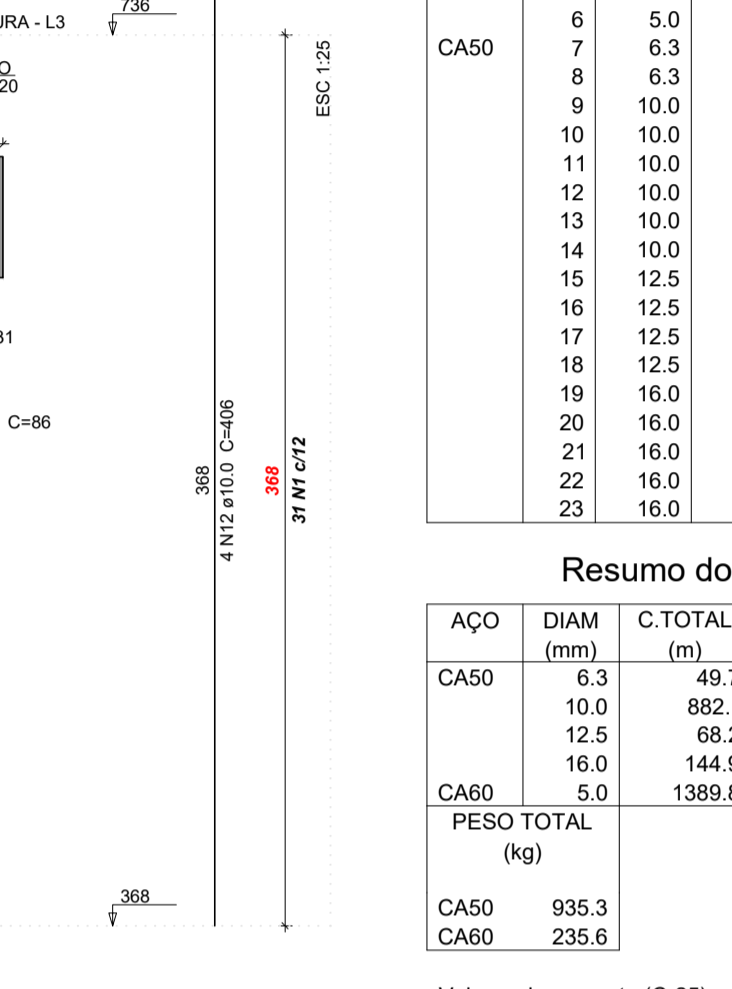
P10



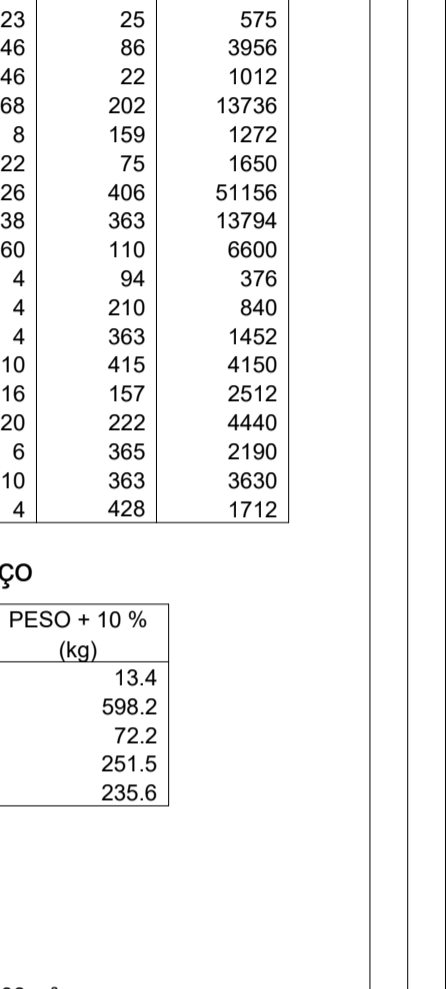
P11



P12



P15



P18=P19



P1=P2=P3=P13=P17=P18=  
=P19=P20



**Resumo do aço**

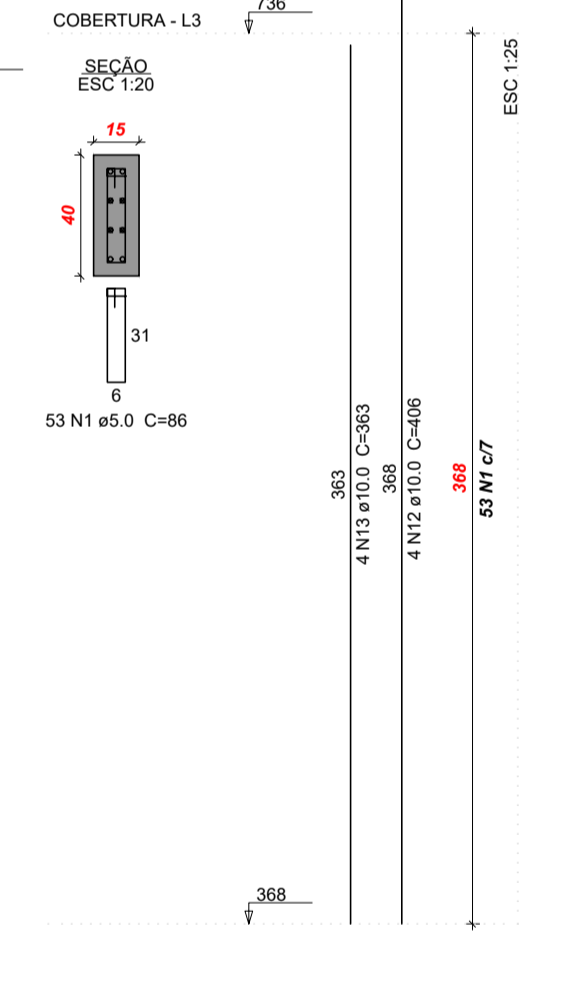
ÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1390	86	119540
	2	5.0	274	21	5794
	3	5.0	107	88	9416
	4	5.0	63	22	1386
	5	5.0	23	100	2300
CA50	6	5.0	23	25	575
	7	6.3	46	86	3956
	8	6.3	46	22	1012
	9	10.0	68	202	13736
	10	10.0	8	159	1272
	11	10.0	22	75	1650
	12	10.0	126	406	51156
	13	10.0	38	363	13794
	14	10.0	60	110	6600
	15	12.5	4	94	376
	16	12.5	4	210	840
	17	12.5	4	363	1452
18	12.5	10	415	4150	
19	16.0	16	157	2512	
20	16.0	20	222	4440	
21	16.0	6	365	2190	
22	16.0	10	363	3630	
23	16.0	4	428	1712	

**Resumo do aço**

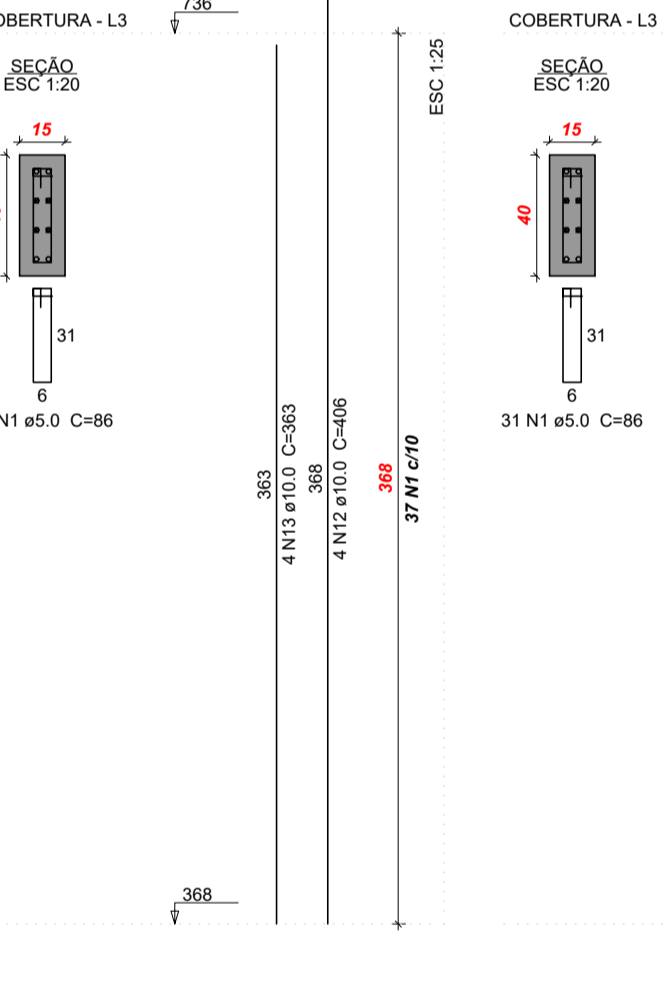
ÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	49.7	13.4
	10.0	882.1	598.2
	12.5	68.2	72.2
	16.0	144.9	251.5
CA60	5.0	1389.8	235.6
<b>PESO TOTAL (kg)</b>			
CA50		935.3	
CA60		235.6	

Volume de concreto (C-25) = 11.08 m³  
Área de forma = 202.14 m²

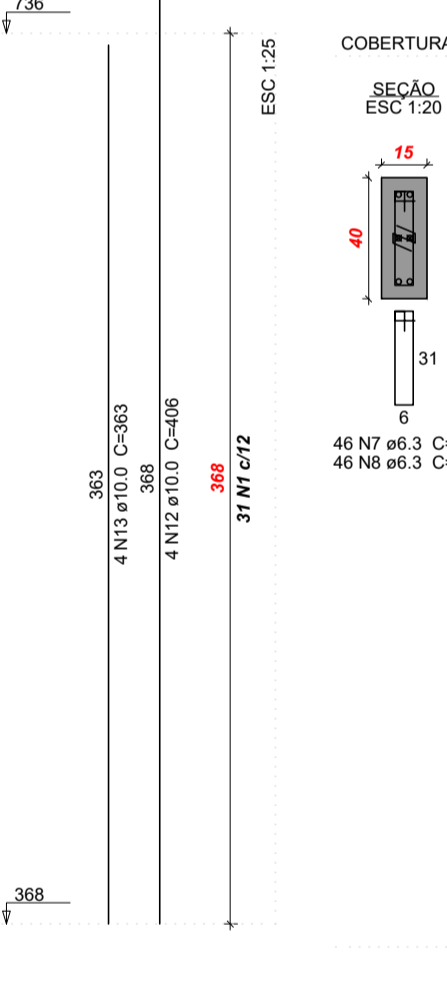
P4



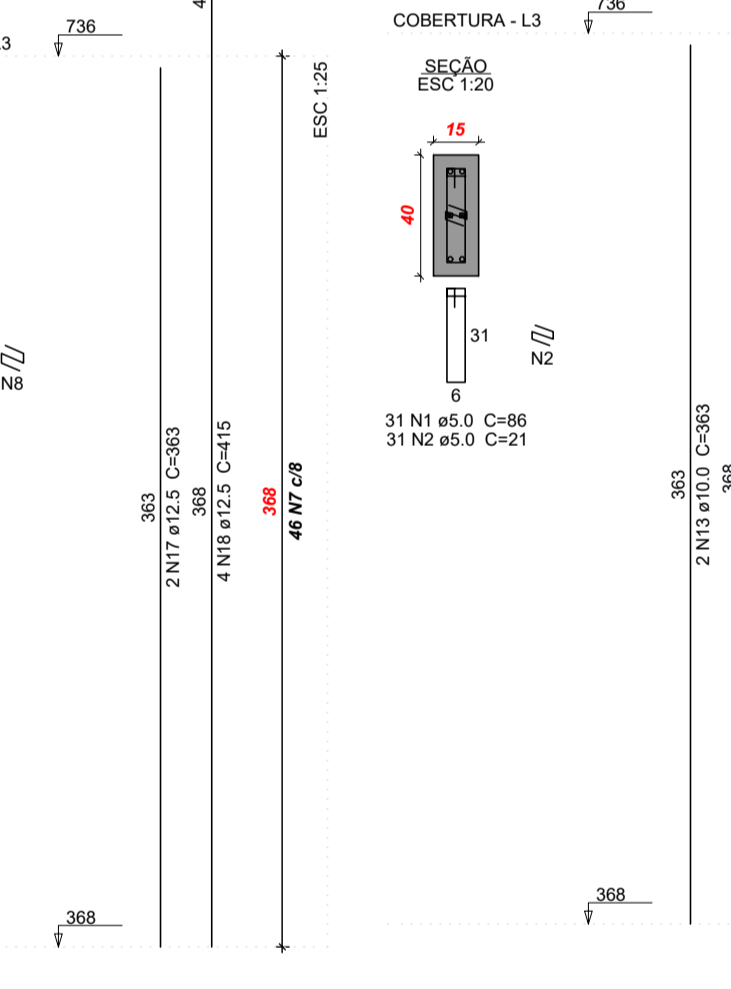
P6



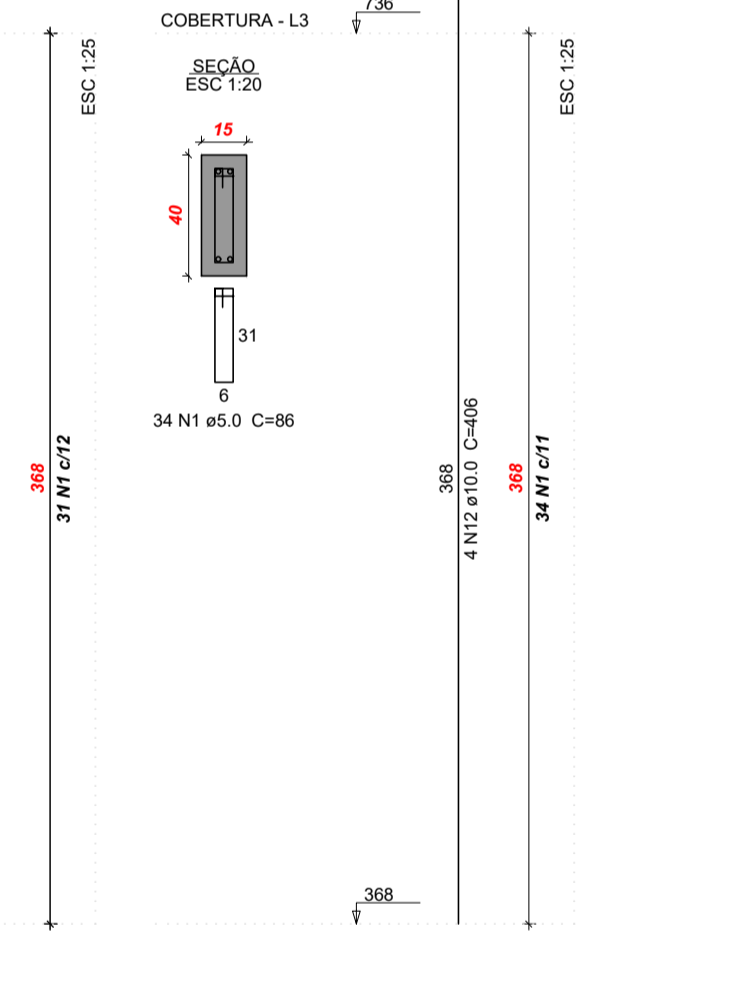
P7=P9



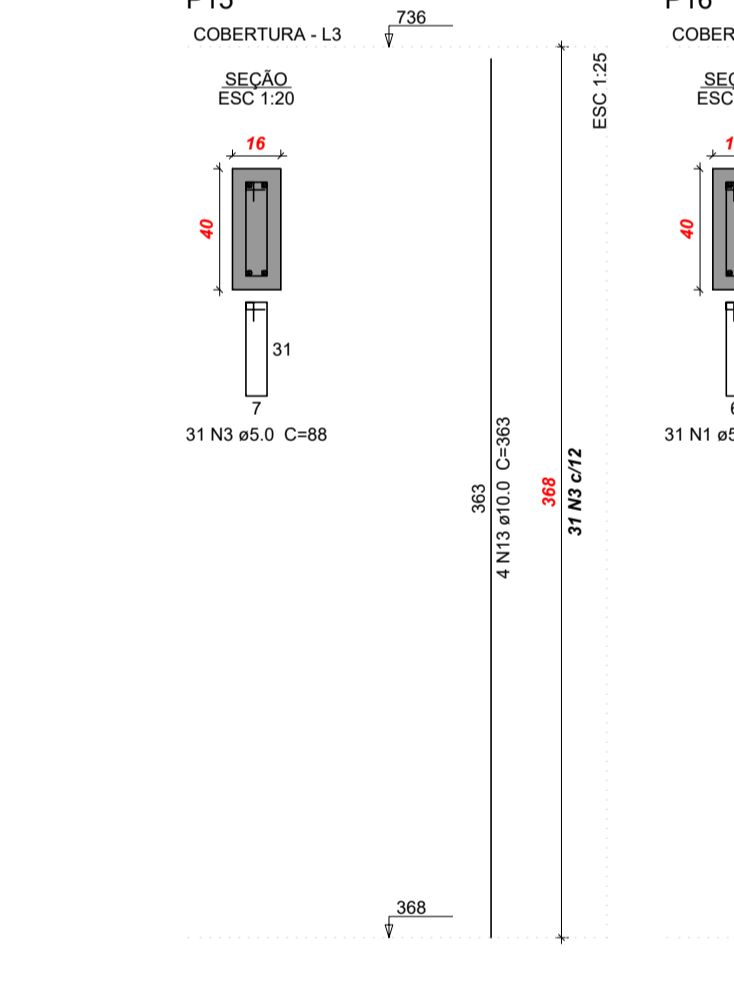
P10



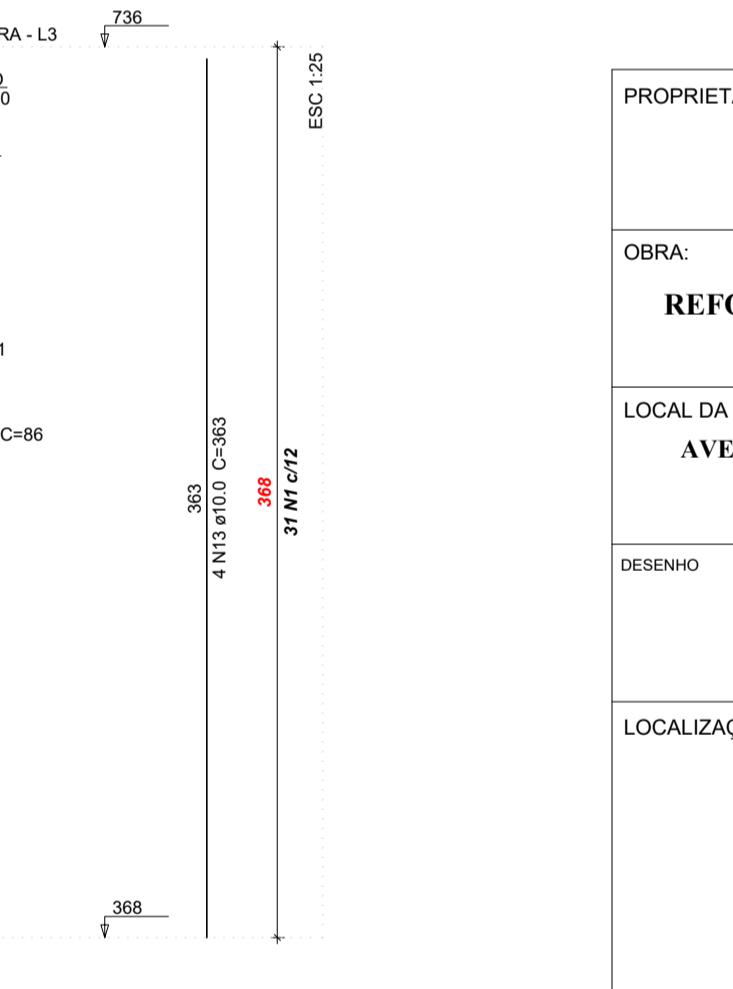
P12



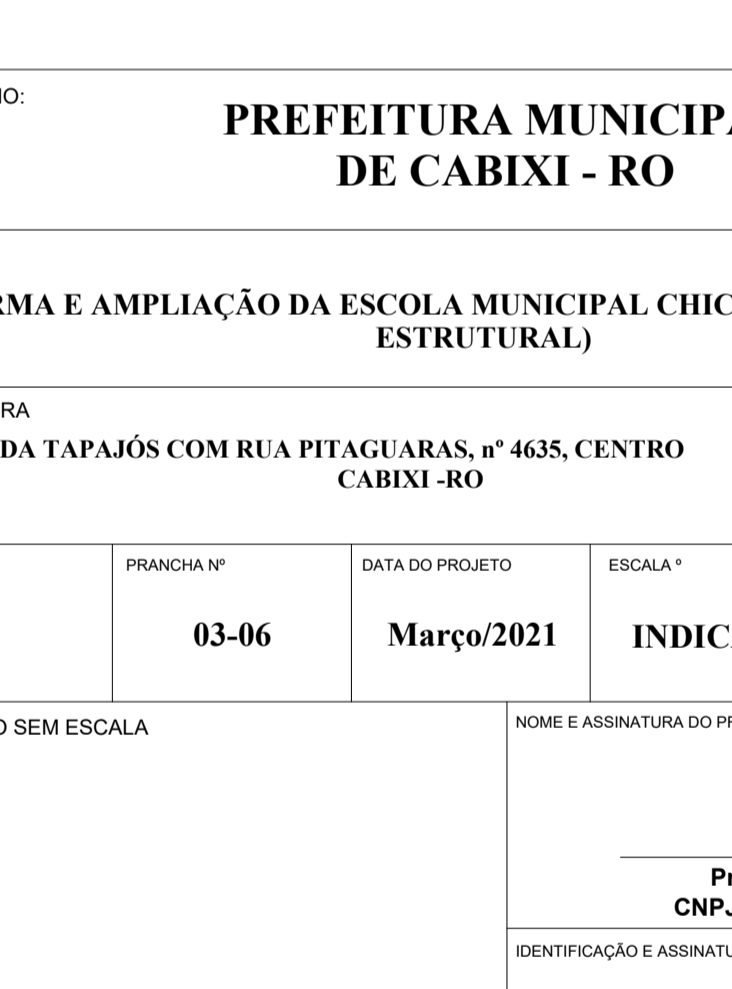
P14



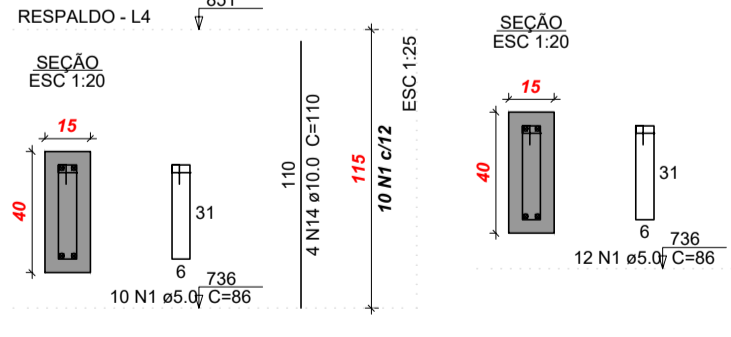
P15



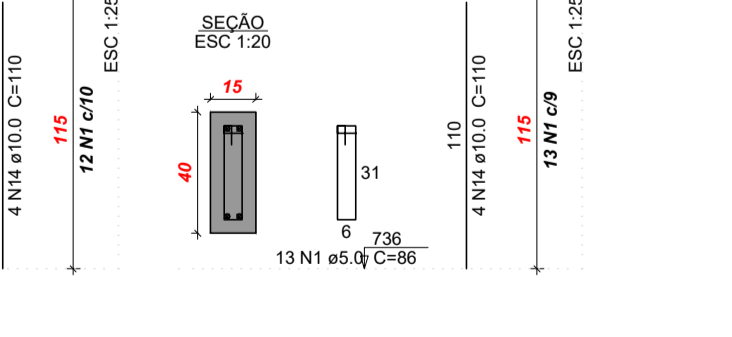
P16



P1=P2=P3=P6=P7=P9=P12=  
=P13=P14=P17=P18=P19=P20



P4  
RESPALDO - L4



P10  
RESPALDO - L4



PROPRIETÁRIO: **PREFEITURA MUNICIPAL DE CABIXI - RO**

OBRA: **REFORMA E AMPLIAÇÃO DA ESCOLA MUNICIPAL CHICO SOLDADO (PROJETO ESTRUTURAL)**

LOCAL DA OBRA: **AVENIDA TAPAJÓS COM RUA PITAGUARAS, n° 4635, CENTRO CABIXI-RO**

CONTEÚDO: **- PILARES  
- LISTA MATERIAL**

DESENHO: **03-06** PRANCHAS: **03-06** DATA DO PROJETO: **Março/2021** ESCALA: **INDICADA**

LOCALIZAÇÃO SEM ESCALA: **NOME E ASSINATURA DO PREFEITO**

**Prefeitura Municipal**  
CNPJ: 22.855.159/0001-20

IDENTIFICAÇÃO E ASSINATURA AUTOR DO PROJETO:  
**Eduardo Mendes Oliveira**  
Engenheiro Civil - CREA 3.995-D/RO

IDENTIFICAÇÃO E ASSINATURA RESP. P/ EXECUÇÃO:

ESPAÇO RESERVADO PARA APROVAÇÃO

QUADRO DE ÁREAS (m²):  
Área da Edificação Existente: **2.068,71 m²**  
Área de Reforma: **181,33 m²**  
Área Cobertura: **214,37 m²**

ESPAÇO RESERVADO PARA APROVAÇÃO

**AROM**  
Associação Rondonense de Municípios