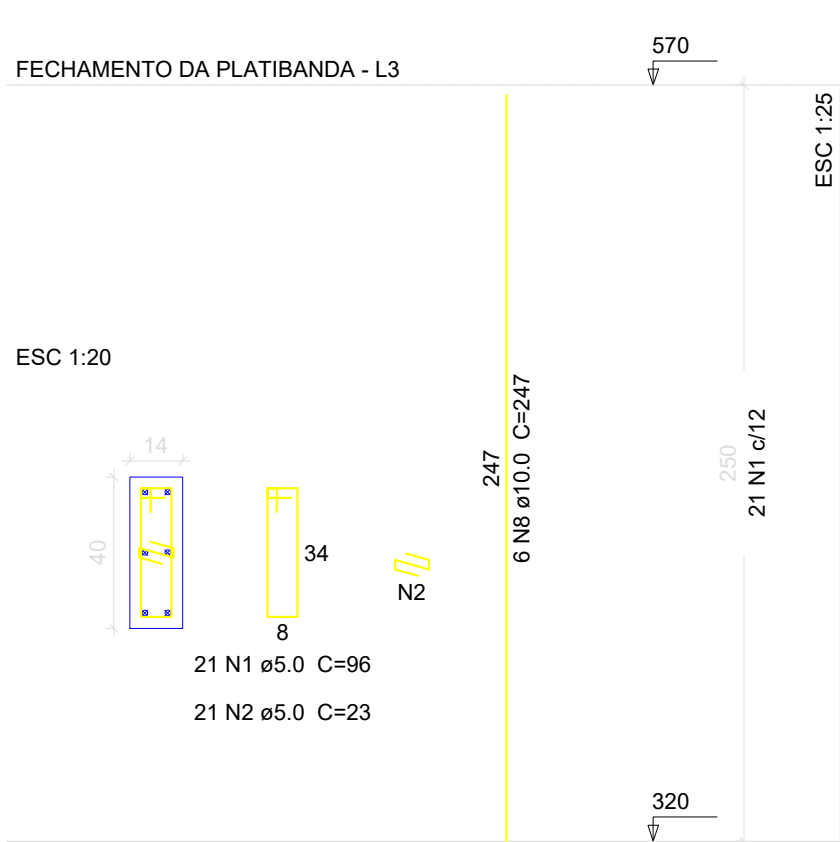
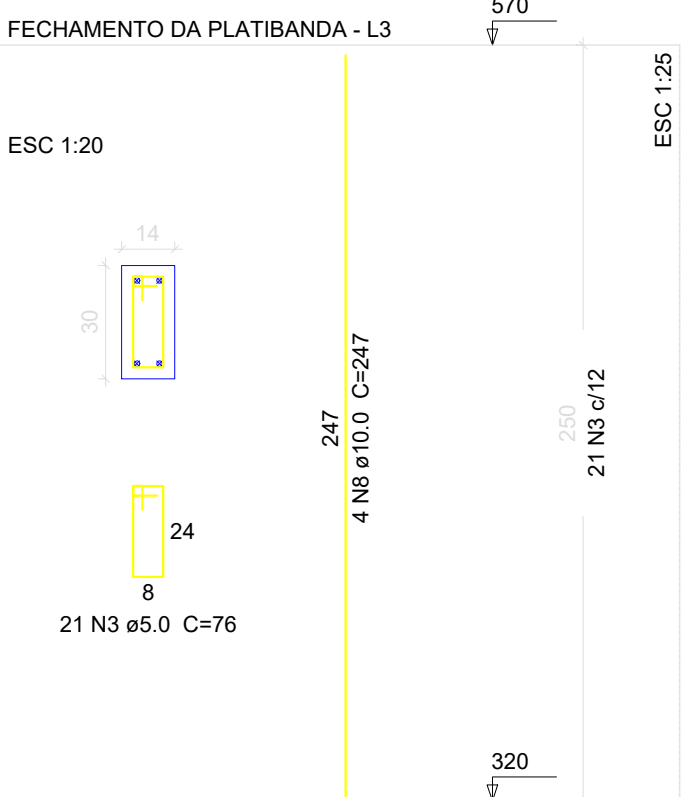


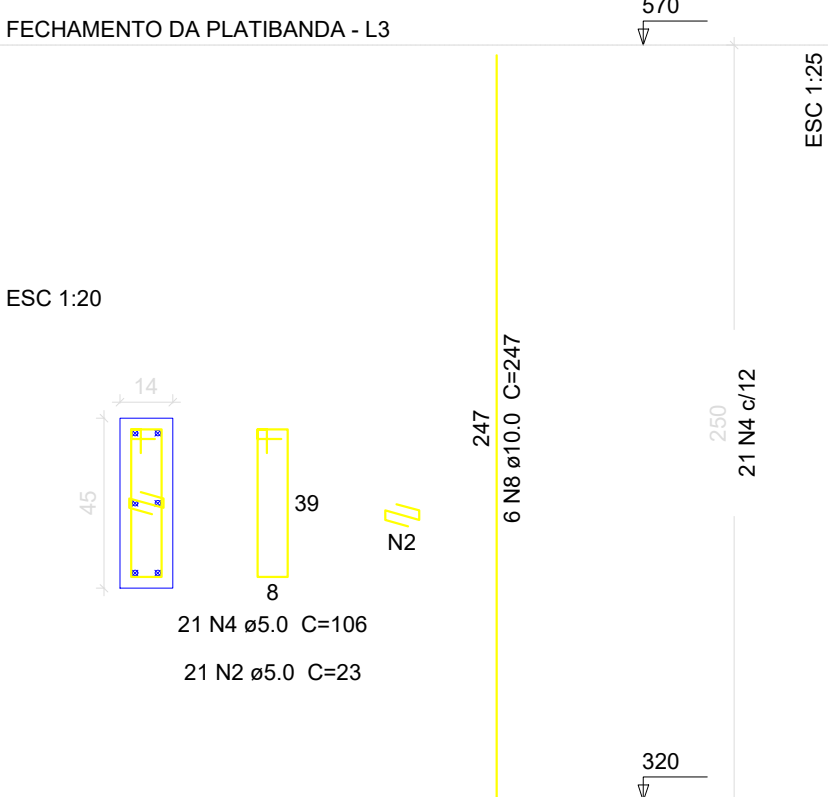
P1=P2=P3=P4=P6=P7=P8=P9=P10=P12=P13=P14=P15



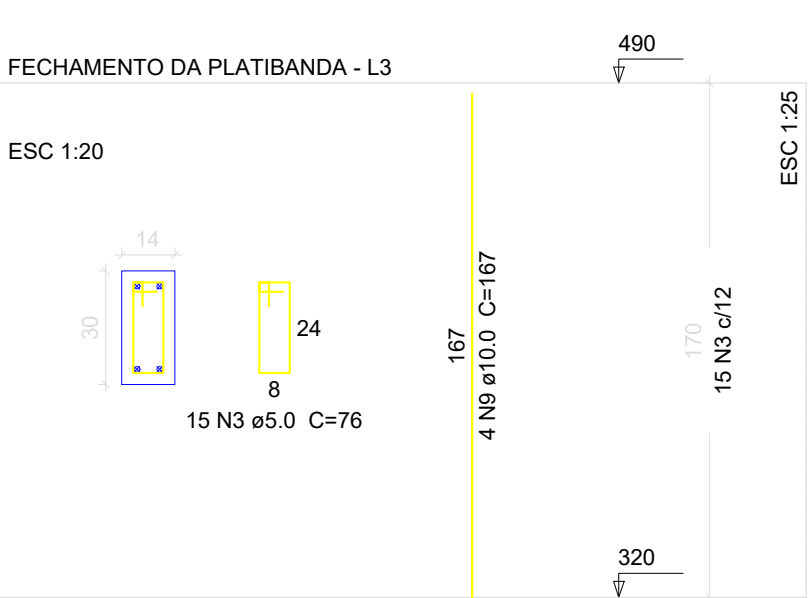
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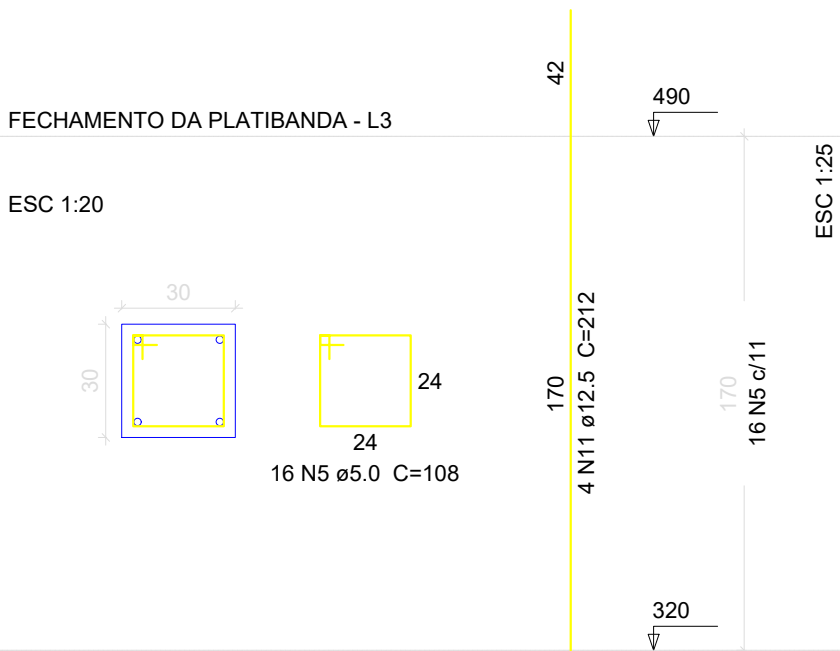
P11=P16



P17=P22=P44=P52=P54=P55=P56=P61=P70=P71=P76=P77=P81=P82=P83=P88=P91=P92=P93=P96=P97=P98=P101=P102=P103=P104=P122=P124=P125=P126=P135=P136=P137=P138=P139=P140=P141=P150=P151



P23=P24=P25=P38=P41=P65=P66=P67



Relação do aço

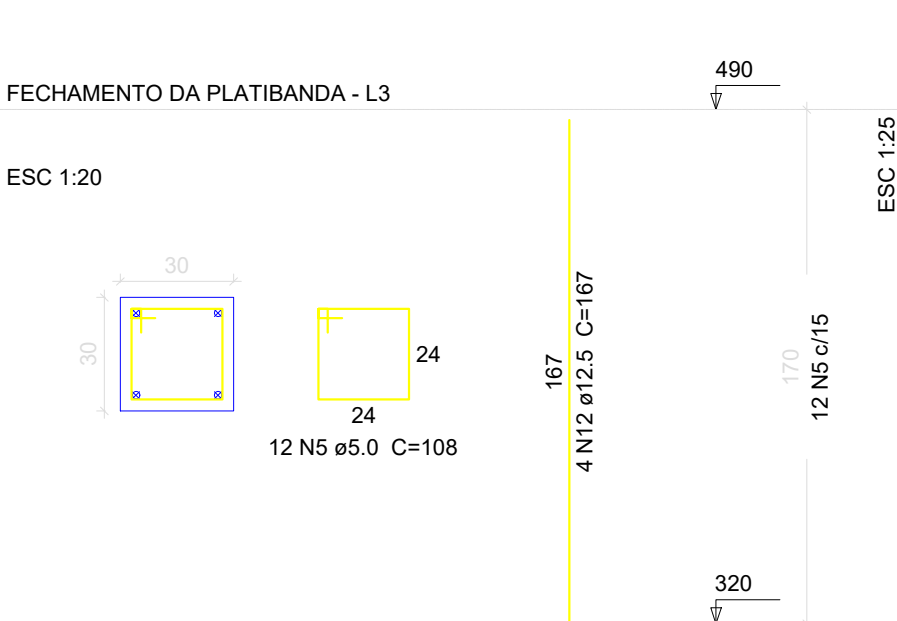
13xP1	P5	2xP11			
39xP17	8xP23	4xP26			
3xP39	9xP40	2xP43			
P95	P123	P149			
2xP154					
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	453	96	43488
	2	5.0	510	23	11730
	3	5.0	621	76	47196
	4	5.0	42	106	4452
	5	5.0	232	108	25056
CA50	6	5.0	15	68	1020
	7	5.0	15	88	1320
	8	10.0	94	247	23218
	9	10.0	224	167	37408
	10	10.0	18	203	3654
	11	12.5	40	212	8480
	12	12.5	16	167	2672
	13	16.0	8	223	1784

Resumo do aço

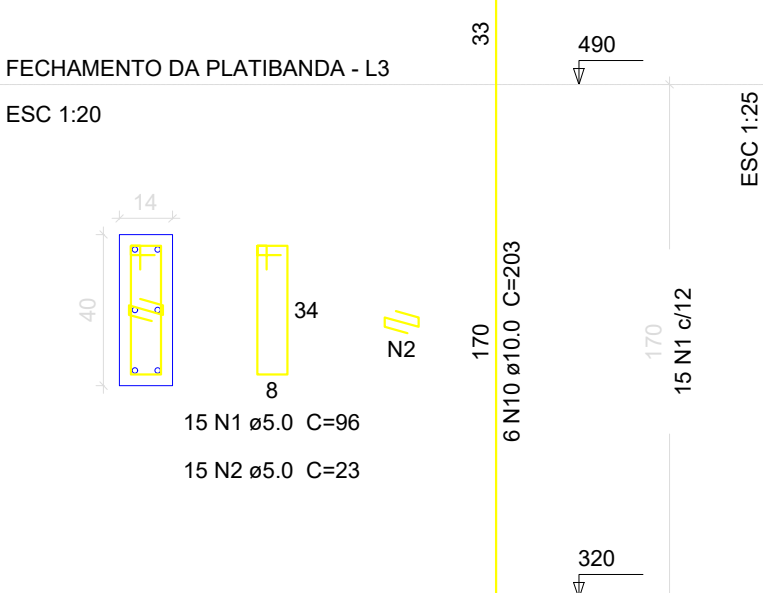
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	642.8	435.9
	12.5	111.6	118.2
	16.0	17.9	31
CA60	5.0	1342.7	227.6
PESO TOTAL			
CA50	585.1		
CA60	227.6		

Vol. de concreto total (C-30) = 8.86 m³
Área de forma total = 160.77 m²

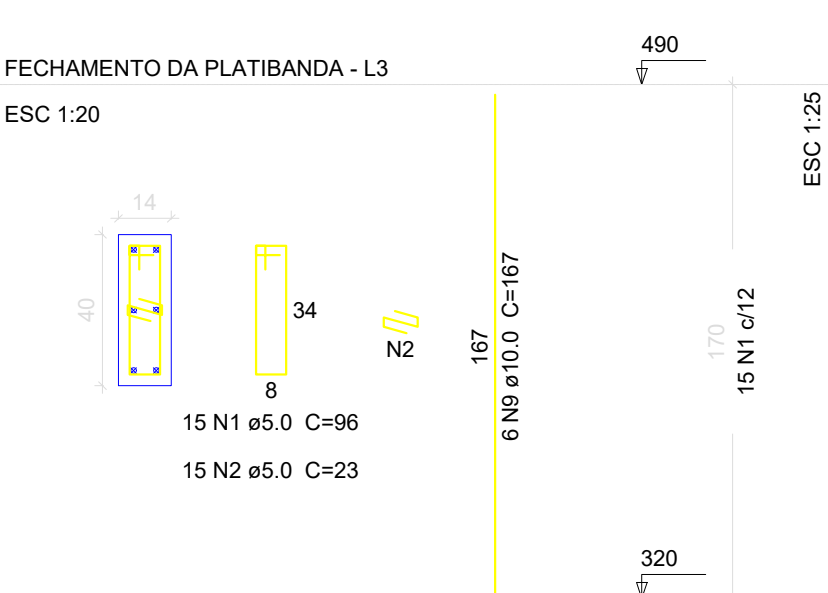
P26=P27=P36=P37



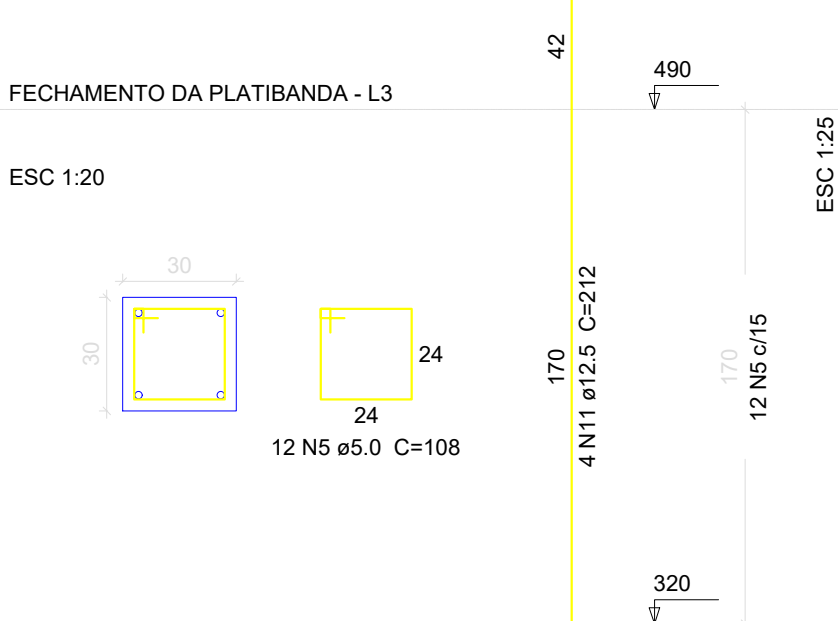
P39=P42=P63



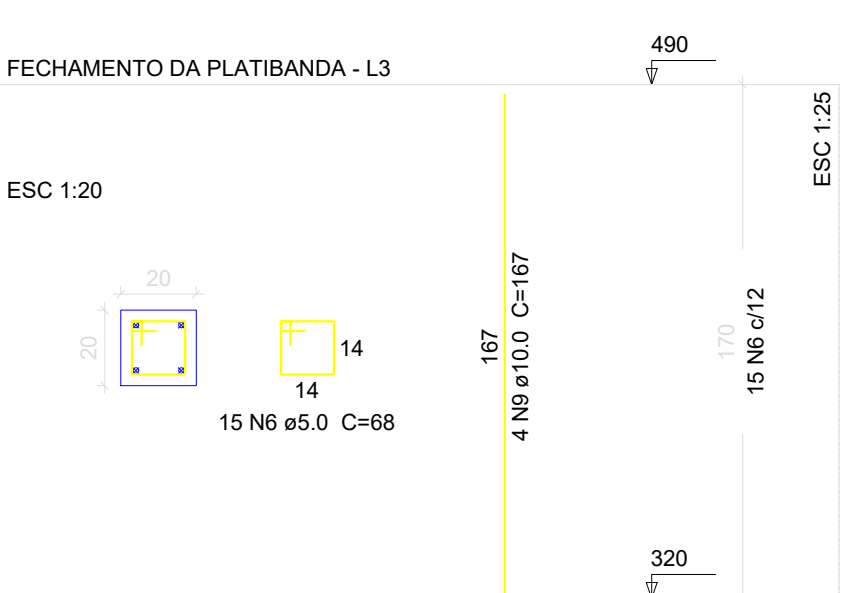
P40=P45=P46=P47=P68=P69=P115=P147=P148



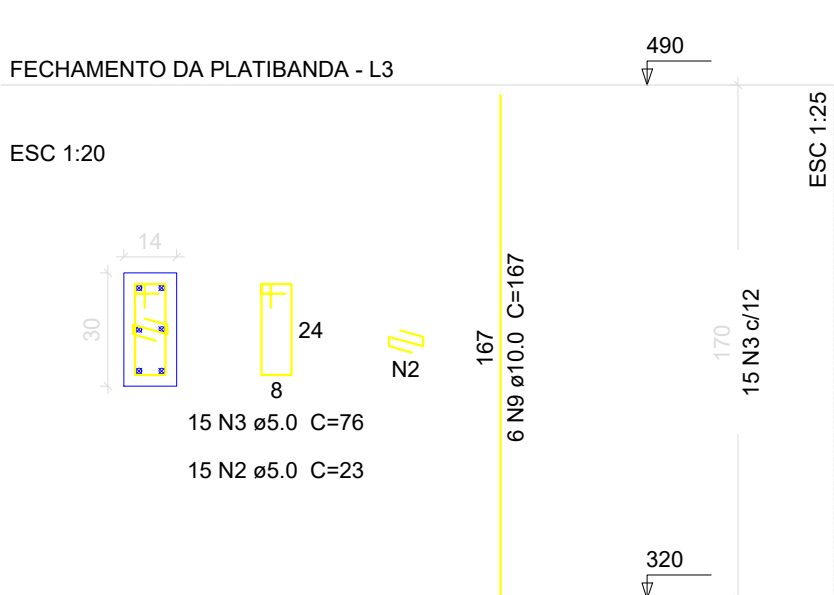
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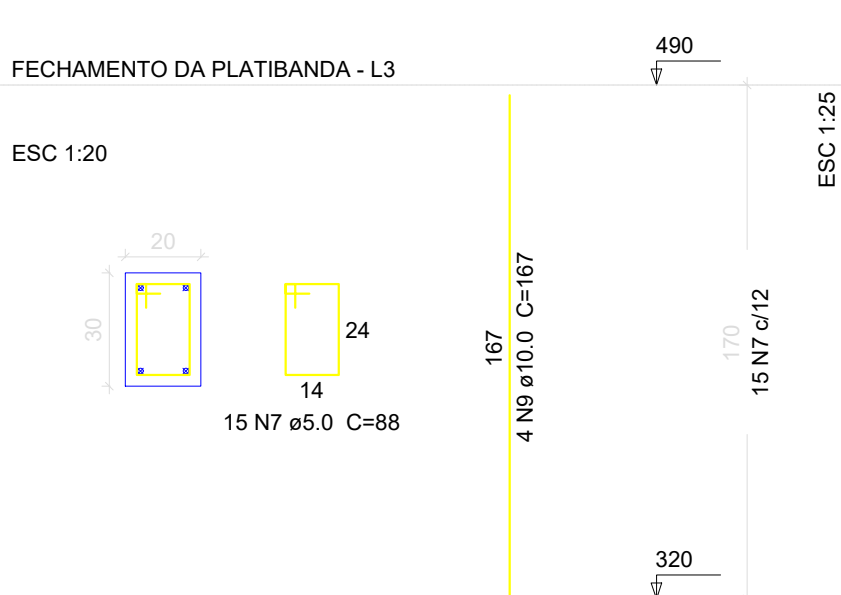
P95



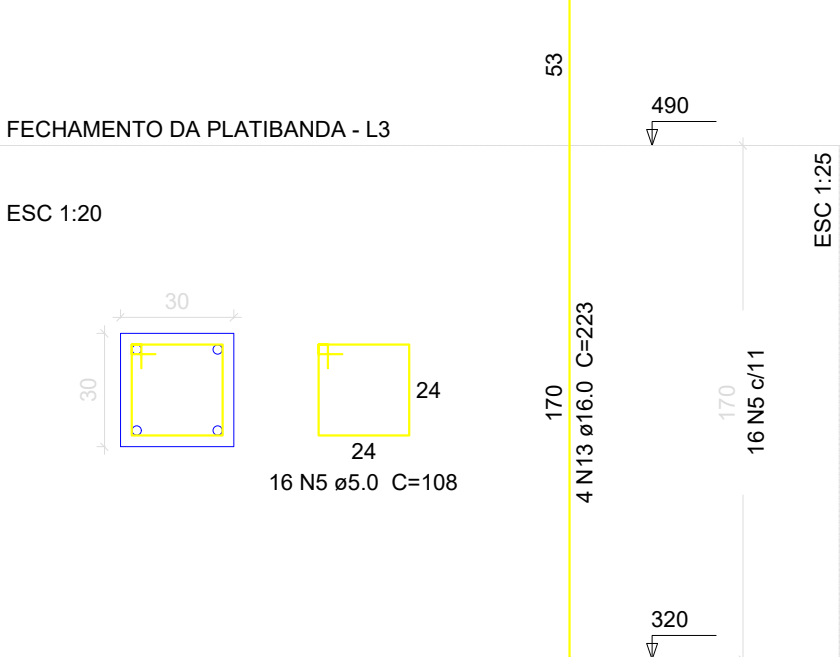
P123



P149



P154=P155





ARQUITETURA E ENGENHARIA

- > PROJETOS INDUSTRIAIS / COMERCIAIS / RESIDENCIAIS E PÚBLICAS
- > ASSESSORIA / CONSULTORIA
- > GESTÃO DE OBRAS
- > PERÍCIAS
- > EXECUÇÃO DE OBRAS

AV. BRASIL, 1225 - SALA 03
UNIVERSITÁRIO
CSP 04609-017 - JARDIM
TEL: (49) 99903 2944
CNPJ 25.270.410/0001-49

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RESP. TÉC.:

James André Clauberg
Eng. Civil - CREA 45.160-6

RESP. TÉC.:

Indiamara de Oliveira Ribeiro
Eng. Civil - CREA 13.4548-3

CLIENTE:

Prefeitura Municipal de Rio Rufino

OBRA:

PROJETO ESTRUTURAL
ESCOLA MUNICIPAL DE RIO RUFINO

PLANTA DO FECHAMENTO DAS PLATIBANDAS

DESENHO:

ESCALA:

DATA:

OUT/2022

TAMANHO DE FOLHA A1