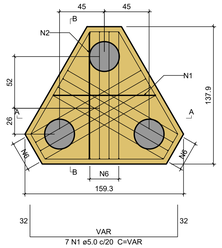
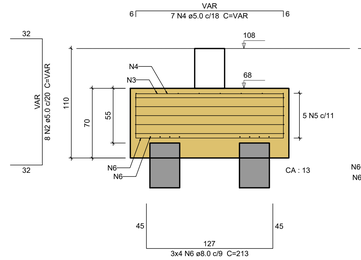
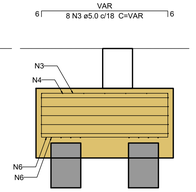
B72
3xC30
PLANTA
ESC 1:25

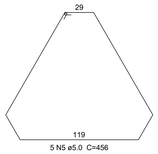


CORTE A-A
ESC 1:25

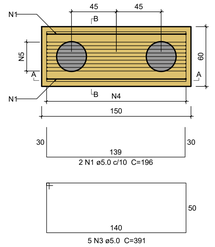


CORTE B-B
ESC 1:25

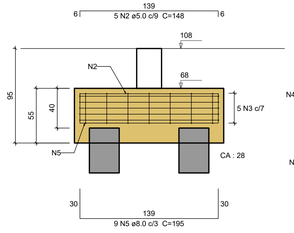




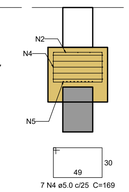
B128
2xC30
PLANTA
ESC 1:25



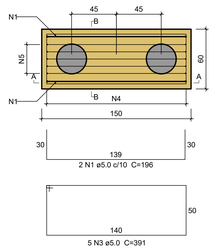
CORTE A-A
ESC 1:25



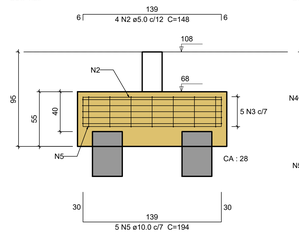
CORTE B-B
ESC 1:25



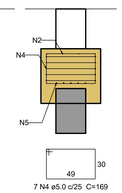
B3=B9=B10=B15=B17=B27=B33=B40=B42=B45 =B51=B65=B67=B74=B78=B95=B109=B112=B116 =B122=B135=B136=B139
2xC30
PLANTA
ESC 1:25



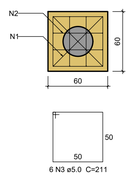
CORTE A-A
ESC 1:25



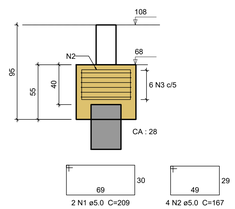
CORTE B-B
ESC 1:25



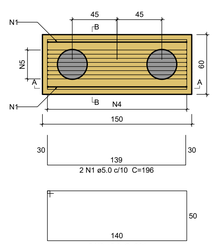
B7=B39=B50=B62=B63=B80=B85=B86=B87=B94 =B96=B117
1xC30
PLANTA
ESC 1:25



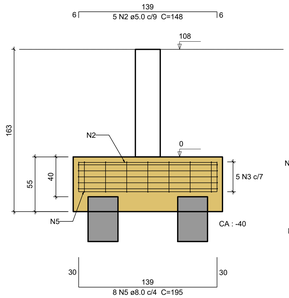
CORTE
ESC 1:25



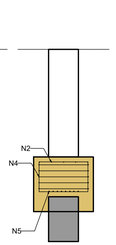
B69
2xC30
PLANTA
ESC 1:25



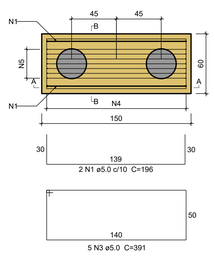
CORTE A-A
ESC 1:25



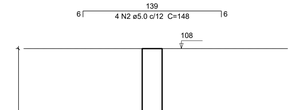
CORTE B-B
ESC 1:25



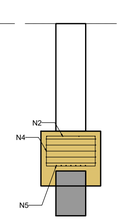
B35=B102
2xC30
PLANTA
ESC 1:25



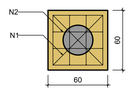
CORTE A-A
ESC 1:25



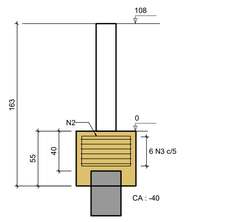
CORTE B-B
ESC 1:25



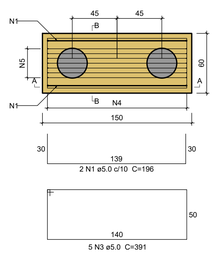
B134
1xC30
PLANTA
ESC 1:25



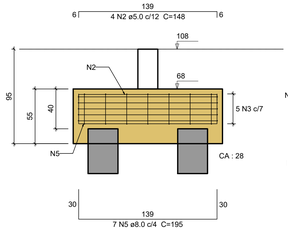
CORTE
ESC 1:25



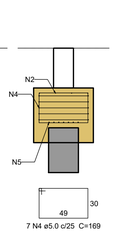
B2=B70
2xC30
PLANTA
ESC 1:25



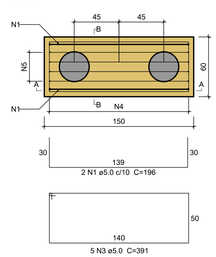
CORTE A-A
ESC 1:25



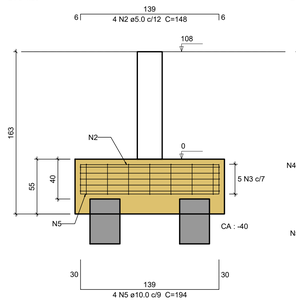
CORTE B-B
ESC 1:25



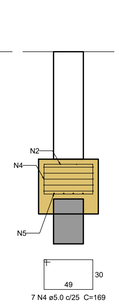
B79
2xC30
PLANTA
ESC 1:25



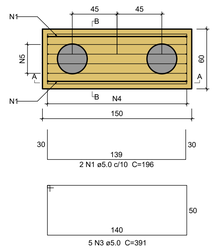
CORTE A-A
ESC 1:25



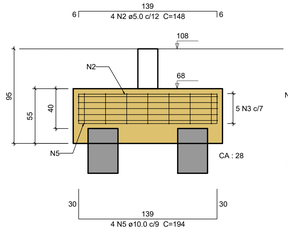
CORTE B-B
ESC 1:25



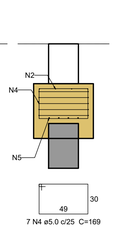
B64=B88=B90=B106=B107=B142=B144
2xC30
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25



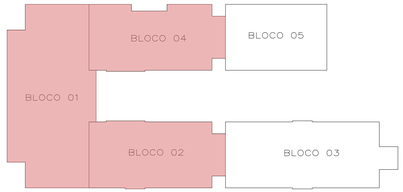
Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
B69	CA60	1	5.0	2	196	392
	CA60	2	5.0	5	148	740
	CA60	3	5.0	5	391	1955
	CA60	4	5.0	7	169	1183
	CA50	5	8.0	8	195	1560
2xB70	CA60	1	5.0	4	196	784
	CA60	2	5.0	8	148	1184
	CA60	3	5.0	10	391	3910
	CA60	4	5.0	14	169	2366
	CA50	5	8.0	14	195	2730
B72	CA60	1	5.0	7	VAR	VAR
	CA60	2	5.0	8	VAR	VAR
	CA60	3	5.0	8	VAR	VAR
	CA60	4	5.0	7	VAR	VAR
	CA60	5	5.0	5	456	2280
	CA50	6	8.0	12	213	2556
B79	CA60	1	5.0	2	196	392
	CA60	2	5.0	4	148	592
	CA60	3	5.0	5	391	1955
	CA60	4	5.0	7	169	1183
	CA50	5	10.0	4	194	776
2xB102	CA60	1	5.0	4	196	784
	CA60	2	5.0	8	148	1184
	CA60	3	5.0	10	391	3910
	CA60	4	5.0	14	169	2366
	CA50	5	8.0	14	195	2730
12xB117	CA60	1	5.0	24	209	5016
	CA60	2	5.0	48	167	8016
	CA60	3	5.0	72	211	15192
B128	CA60	1	5.0	2	196	392
	CA60	2	5.0	5	148	740
	CA60	3	5.0	5	391	1955
	CA60	4	5.0	7	169	1183
	CA50	5	8.0	9	195	1755
B134	CA60	1	5.0	2	209	418
	CA60	2	5.0	4	167	668
	CA60	3	5.0	6	211	1266
23xB139	CA60	1	5.0	46	196	9016
	CA60	2	5.0	92	148	13616
	CA60	3	5.0	115	391	44965
	CA60	4	5.0	161	169	27209
	CA50	5	10.0	115	194	22310
7xB144	CA60	1	5.0	14	196	2744
	CA60	2	5.0	28	148	4144
	CA60	3	5.0	35	391	13685
	CA60	4	5.0	49	169	8281
	CA50	5	10.0	28	194	5432

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	113.4	49.2
	10.0	285.2	193.4
CA60	5.0	1908.2	323.5
PESO TOTAL (kg)			
CA50	242.6		
CA60	323.5		

Volume de concreto (C-30) = 20.97 m³
Área de forma = 105.97 m²



JOSÉ VILMAR P. DE FRAGA
ARQUITETO E URBANISTA

BRUNO REBECHI DALLE MULLE
ENGENHEIRO CIVIL

ANA CAROLINA M. SANTOS
ARQUITETA E URBANISTA

HENRIQUE RODRIGUES DIAS
AUX. ENGENHARIA CIVIL

ESTADO DO RIO GRANDE DO SUL
PREFEITURA MUNICIPAL DE IMBÉ
AVENIDA PARAGUASSU, 2070 – CENTRO – IMBÉ – RS
FONE: 51.3627.8515 – CEP: 95.625–000

OBRA:
E. M. E. F. RUI BARBOSA
NOVAS INSTALAÇÕES

ADMINISTRAÇÃO 2025/2028
SECRETARIA MUNICIPAL DE EDUCAÇÃO
smed@imbe.rs.gov.br

ENDEREÇO: BAIRRO MARILUZ – IMBÉ – RS
AVENIDA MARILUZ, 1180
TERRENO URBANO – SETOR 35

RESPONS.: BRUNO

ANA CAROLINA MOREIRA SANTOS
ARQUITETA E URBANISTA
CAU A1715046

BRUNO REBECHI DALLE MULLE
ENGENHEIRO CIVIL
CREA–RS 202822

RUTH JOSIELLI MONTEIRO RUSCHEL
SECRETÁRIA MUNICIPAL DE EDUCAÇÃO

ESCALA: INDICADAS

DATA: ABRIL 2025

ÁREA: 2.491,91m²

PROJETO: ESTRUTURAL
ARMADURAS BLOCOS FUNDAÇÃO – 03

PRANCHA: 08/56