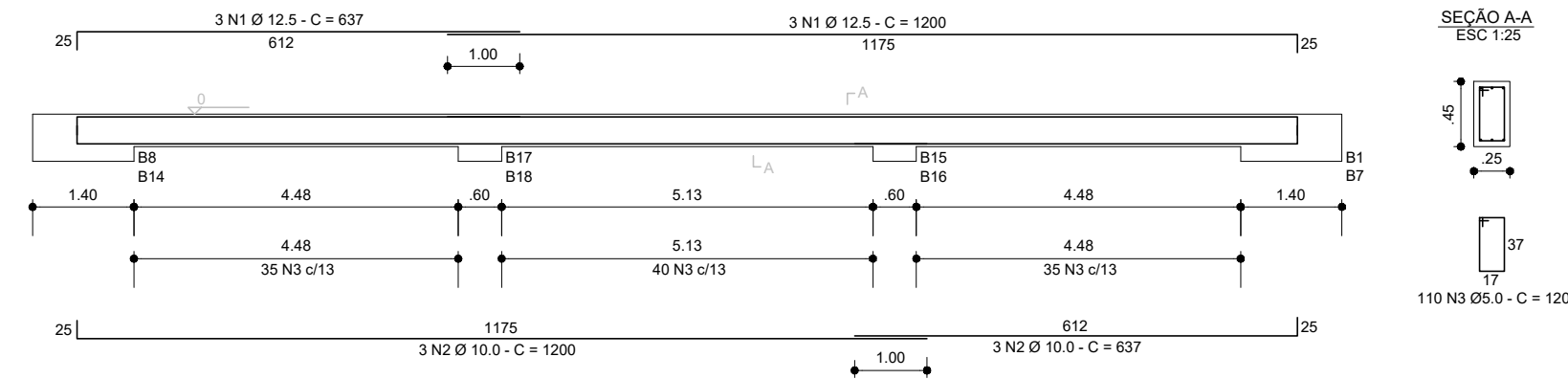
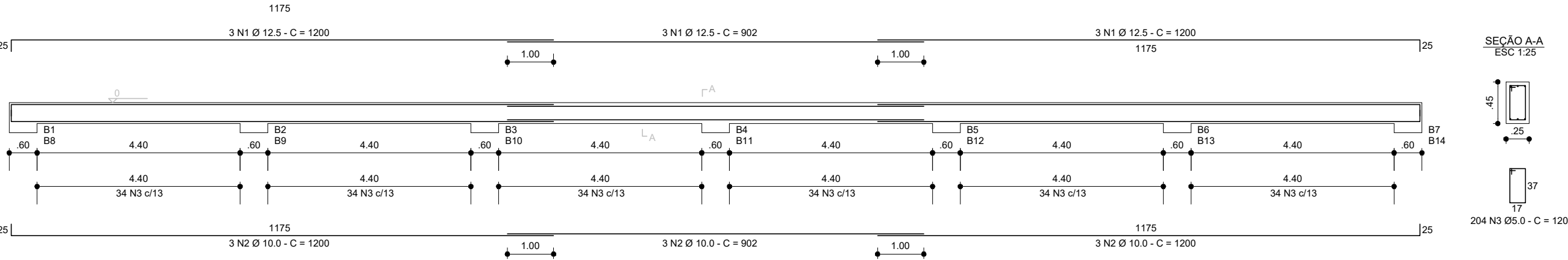


VB1 e VB2

ESC 1:50



Relação do aço - Vigas de fundação						
Elemento	Aço	N	Diam. (mm)	Quant.	C. Unit. (cm)	C. Total (cm)
VB1	CA50	1	12.5	1	3302	3302
	CA50	2	10.0	1	3302	3302
	CA60	3	5.0	204	120	24480
VB2	CA50	1	12.5	1	3302	3302
	CA50	2	10.0	1	3302	3302
	CA60	3	5.0	204	120	24480
VB3	CA50	1	12.5	1	1837	1837
	CA50	2	10.0	1	1837	1837
	CA60	3	5.0	110	120	13200
VB4	CA50	1	12.5	1	1837	1837
	CA50	2	10.0	1	1837	1837
	CA60	3	5.0	110	120	13200

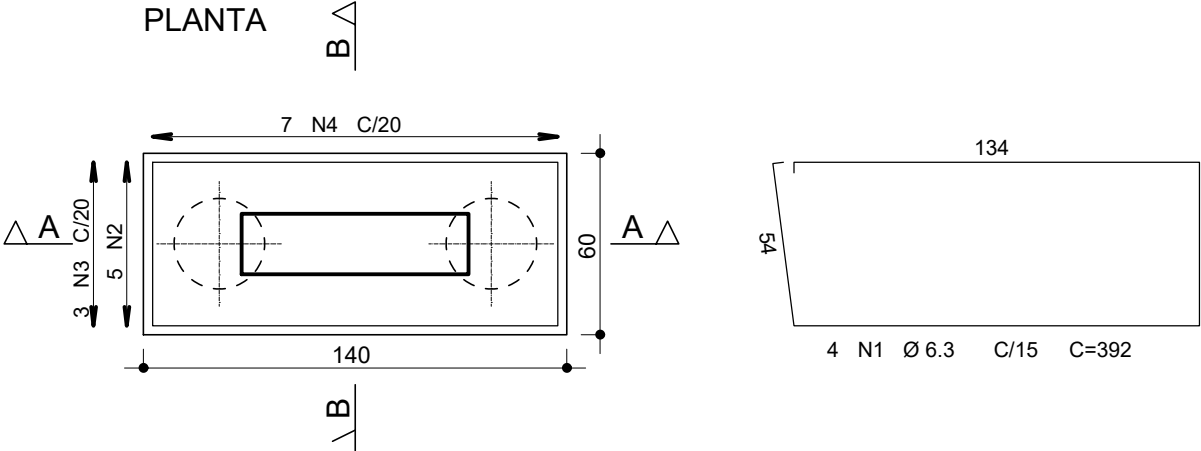
Resumo do aço - Vigas de fundação			
Aço	Diam. (mm)	C. Total (cm)	Peso + 10% (kg)
CA50	12.5	10278	98,98
CA50	10.0	10278	63,42
CA60	5.0	75360	116,05

Relação do aço - Blocos de fundação						
Elemento	Aço	N	Diam. (mm)	Quant.	C. Unit. (cm)	C. Total (cm)
BT1 (x18)	CA50	1	6.3	72	392	28224
	CA50	2	12.5	90	197	17730
	CA50	3	10.0	54	193	10422
	CA50	4	8.0	126	224	28224

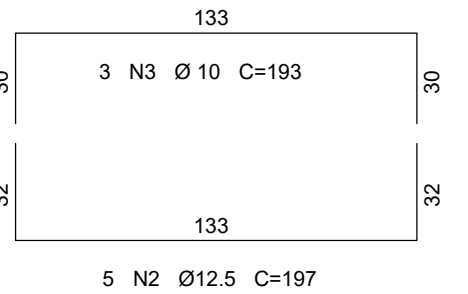
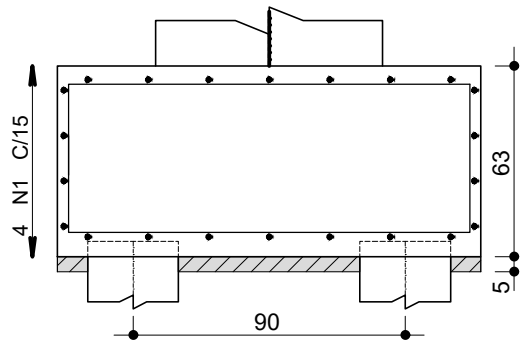
Resumo do aço - Blocos de fundação			
Aço	Diam. (mm)	C. Total (cm)	Peso + 10% (kg)
CA50	6.3	28224	69,15
CA50	12.5	17730	170,74
CA50	10.0	10422	64,30
CA50	8.0	28224	111,48

BT1 18X(repetições)
(ESCALA 1:25)

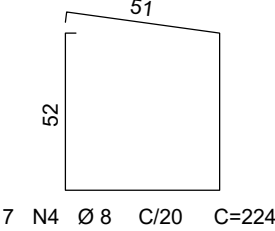
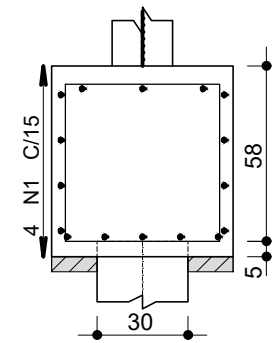
PLANTA



CORTE A - A

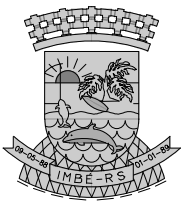


CORTE B - B



Estaca Tipo - Ø30

36X (estacas)



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. NORBERTO MARTINHO CARDOSO
CONSTRUÇÃO DO GINÁSIO POLIESPORTIVO

ENDEREÇO: BAIRRO NOVA NORDESTE - IMBÉ - RS
RUA MACHADO DE ASSIS - 185

ANALISTA: ANA CAROLINA MOREIRA SANTOS
ARQUITETA E URBANISTA
CAU-RS A1715046

PROJETO: BRUNO REBECHI DALLE MULLE
ENGENHEIRO CIVIL
CREA-RS 202822

SECRETARIA MUNICIPAL DE EDUCAÇÃO

PROJETO: ESTRUCTURAL - ARMADURAS E DETALHES

DESENHO: BRDM

ESCALA: 1/100

DATA: SET 2025

ÁREA: 622,08m²

PRONCHIA: 03/03