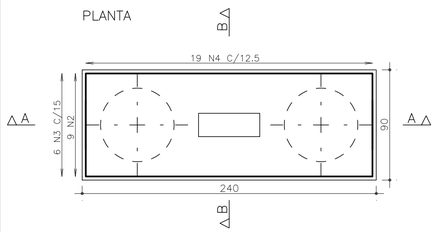
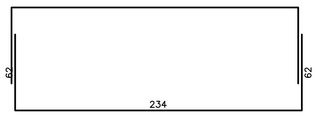
B5
(ESCALA 1:25)

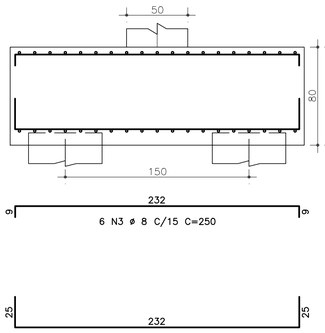
PLANTA





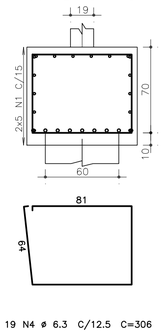
2x5 N1 ø 10 C/15 C=358

CORTE A – A



9 N2 ø 20 C=282

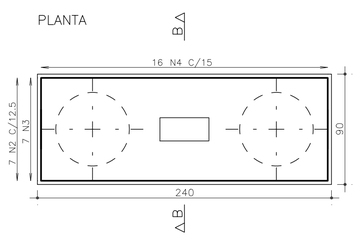
CORTE B – B

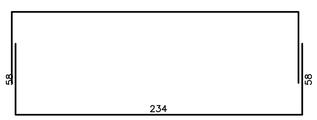


19 N4 ø 6.3 C/12.5 C=306

B6
(ESCALA 1:25)

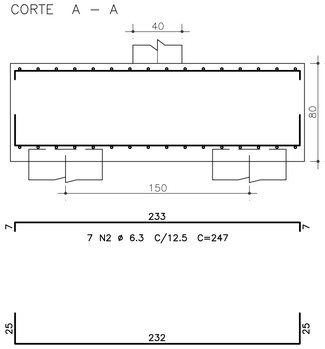
PLANTA





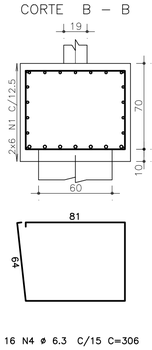
2x6 N1 ø 8 C/12.5 C=350

CORTE A – A



7 N3 ø 20 C=282

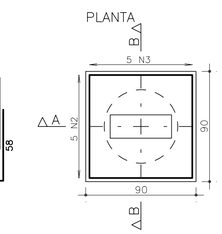
CORTE B – B

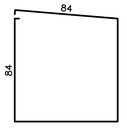


16 N4 ø 6.3 C/15 C=306

B9
(ESCALA 1:25)

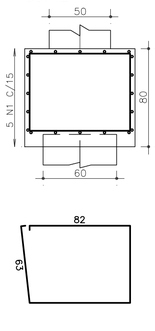
PLANTA





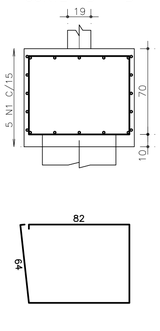
5 N1 ø 5 C/15 C=351

CORTE A – A



5 N2 ø 10 C=313

CORTE B – B



5 N3 ø 10 C=315

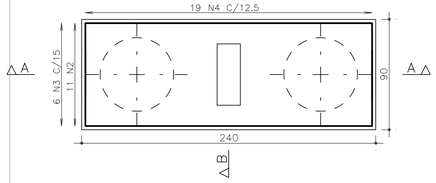
	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
B5						
	50A	1	10	10	358	3580
	50A	2	20	9	282	2538
	50A	3	8	6	250	1500
	50A	4	6.3	19	306	5814
B6						
	50A	1	8	12	350	4200
	50A	2	6.3	7	247	1729
	50A	3	20	7	282	1974
	50A	4	6.3	16	306	4896
B7						
	50A	1	10	10	358	3580
	50A	2	20	11	282	3102
	50A	3	8	6	250	1500
	50A	4	6.3	19	306	5814
B8						
	50A	1	6.3	10	344	3440
	50A	2	16	7	269	1883
	60B	3	5	7	245	1715
	60B	4	5	19	307	5833
B9						
	60B	1	5	5	351	1755
	50A	2	10	5	313	1565
	50A	3	10	5	315	1575

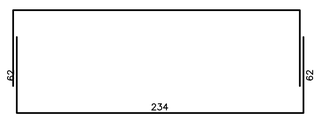
RESUMO AÇO CA 50–60

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	93	14
50A	6.3	217	53
50A	8	72	28
50A	10	103	64
50A	16	19	30
50A	20	76	188
Peso Total		60B =	14 kg
Peso Total		50A =	363 kg

B7
(ESCALA 1:25)

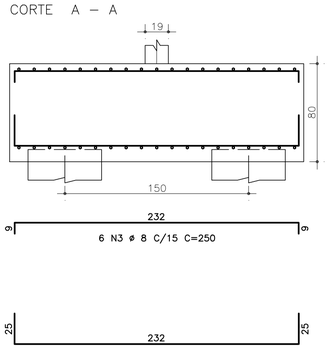
PLANTA





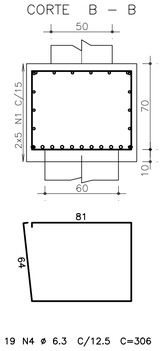
2x5 N1 ø 10 C/15 C=358

CORTE A – A



11 N2 ø 20 C=282

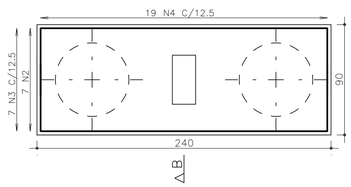
CORTE B – B

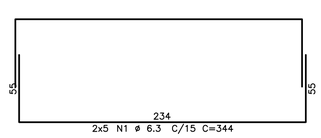


19 N4 ø 6.3 C/12.5 C=306

B8
(ESCALA 1:25)

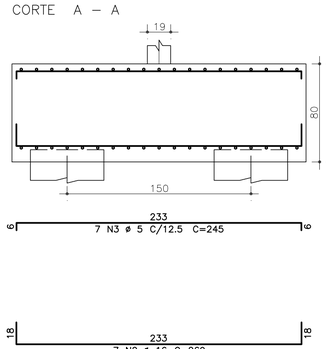
PLANTA





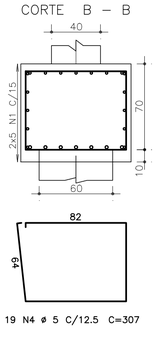
2x5 N1 ø 6.3 C/15 C=344

CORTE A – A



7 N2 ø 16 C=269

CORTE B – B



19 N4 ø 5 C/12.5 C=307

NOTAS GERAIS:
ESTRUTURAS EM CONCRETO

1– DIMENSÕES EM 'cm' (CENTÍMETROS), COTAS DE NÍVEL EM 'm' (METROS).
2– PARA O PROJETO DAS ESTRUTURAS DE CONCRETO FORAM CONSIDERADOS OS REQUISITOS DA NORMA ABNT 6118/2014, DEVENDO ESTA SER CONSIDERADA PELO EXECUTANTE DA OBRA.
3– ALÉM DAS ESPECIFICAÇÕES INDICADAS DE FORMA EXPLÍCITA NAS PLANTAS DO PROJETO ESTRUTURAL, O EXECUTANTE DA ESTRUTURA DEVERÁ OBSERVAR RIGOROSAMENTE TODAS AS PRESCRIÇÕES DA NBR 6118/2014 E DEMAIS NORMAS PERTINENTES EM VIGÊNCIA.
4– PARA QUAISQUER ALTERAÇÕES NESTE PROJETO, DEVERÁ SER CONTATADA PREVIAMENTE ESTA EMPRESA PROJETISTA – VANGUARDA ENGENHARIA LTDA.
5– CARACTERÍSTICAS GERAIS:
a. CLASSE DE AGRESSIVIDADE AMBIENTAL: CAA II
b. CLASSE DO CONCRETO: fck> MPa
c. COBRIMENTO DAS ARMADURAS PASSIVAS (cm)

LAJES	VIGAS	PILARES	FUNDAÇÕES
2,5	3,0	3,0	3,0

OBSERVAÇÕES:

REVISÃO	DATA	AUTOR	DISCRIMINAÇÃO
00	30.09.22	CAROLINA	EMISSÃO INICIAL

VANGUARDA
SISTEMAS ESTRUTURAIS ABERTOS
Rua Dona Otí, 40/201
Porto Alegre/RS
Tel. 51 3332 8845
vanguarda@vanguardaengenharia.com.br
www.vanguardaengenharia.com.br

RESP. TÉCNICO
ENG. FELIPE BRASIL VIEGAS
CREA/RS 56.946
ENG. EDUARDO GIUGLIANI
CREA/RS 34.307

OBRA: Nova Escada
Rua Pinheiro Machado, 331 – Sapucaia do Sul / RS

CLIENTE: Hospital Municipal Getúlio Vargas

ASSUNTO: FUNDAÇÃO
DETALHAMENTO BLOCOS
B5 / B6 / B7 / B8 / B9

DESENHO: 003

ESCALA:	DATA:	PROJETISTA:	REVISÃO:
1:25	30/09/2022	CAROLINA	00

DIREITOS AUTORAIS RESERVADOS – LEI 5194/66