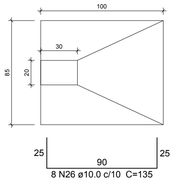
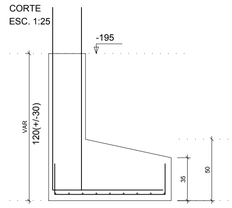
S157=S159

PLANTA
ESC. 1:25

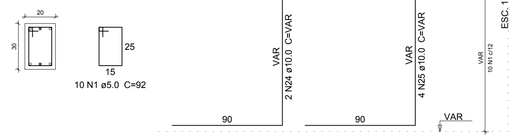


CORTE
ESC. 1:25



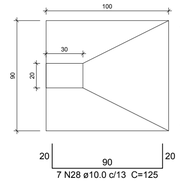
P157=P159

BASE DA CONTENÇÃO - L1
ESC. 1:20

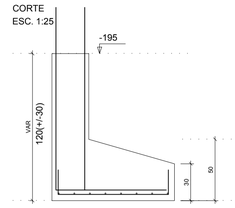


S158=S160=S161

PLANTA
ESC. 1:25

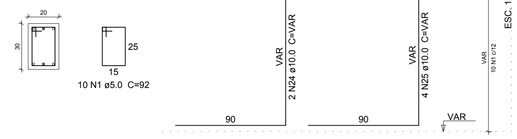


CORTE
ESC. 1:25



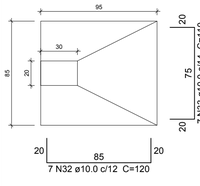
P158=P160=P161

BASE DA CONTENÇÃO - L1
ESC. 1:20

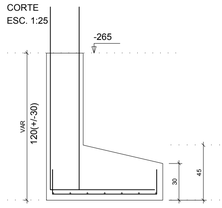


S162

PLANTA
ESC. 1:25

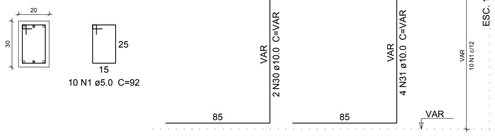


CORTE
ESC. 1:25



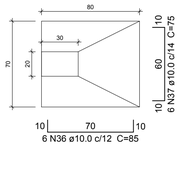
P162

BASE DA CONTENÇÃO - L1
ESC. 1:20

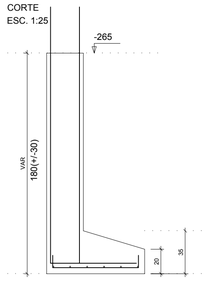


S165

PLANTA
ESC. 1:25



CORTE
ESC. 1:25

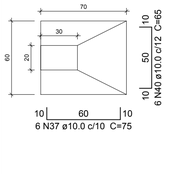


P165

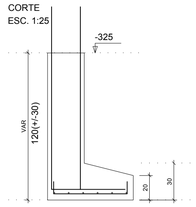
BASE DA CONTENÇÃO - L1
ESC. 1:20

S166=S167=S168

PLANTA
ESC. 1:25

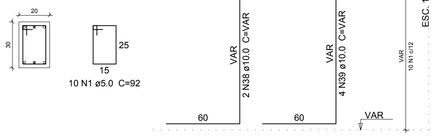


CORTE
ESC. 1:25



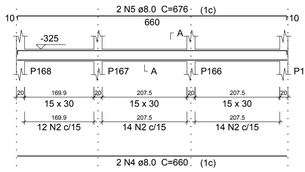
P166=P167=P168

BASE DA CONTENÇÃO - L1
ESC. 1:20

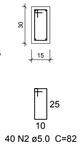


V1

ESC. 1:75

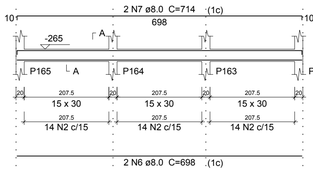


SEÇÃO A-A
ESC. 1:25

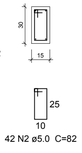


V2

ESC. 1:75

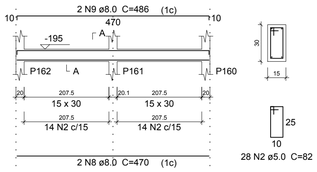


SEÇÃO A-A
ESC. 1:25



V3

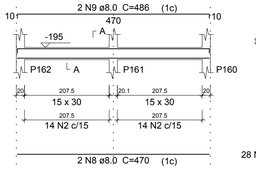
ESC. 1:75



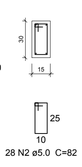
SEÇÃO A-A
ESC. 1:25

V4

ESC. 1:75

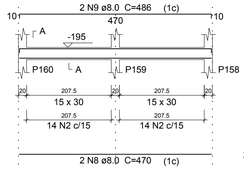


SEÇÃO A-A
ESC. 1:25

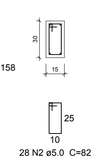


V5

ESC. 1:75

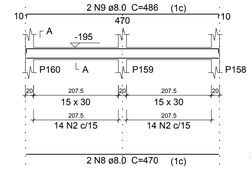


SEÇÃO A-A
ESC. 1:25

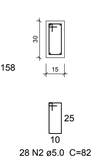


V6

ESC. 1:75

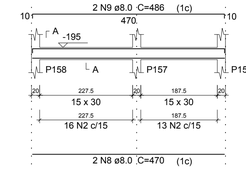


SEÇÃO A-A
ESC. 1:25

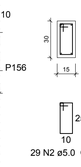


V7

ESC. 1:75

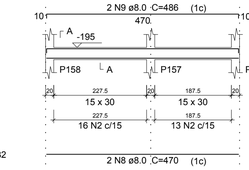


SEÇÃO A-A
ESC. 1:25



V8

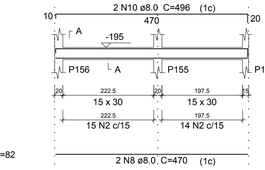
ESC. 1:75



SEÇÃO A-A
ESC. 1:25

V9

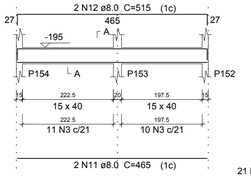
ESC. 1:75



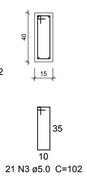
SEÇÃO A-A
ESC. 1:25

V10

ESC. 1:75

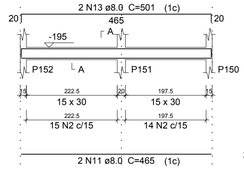


SEÇÃO A-A
ESC. 1:25

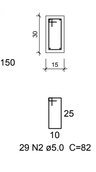


V11

ESC. 1:75

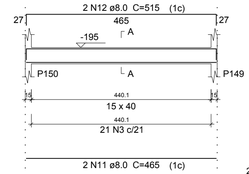


SEÇÃO A-A
ESC. 1:25

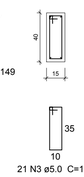


V12

ESC. 1:75

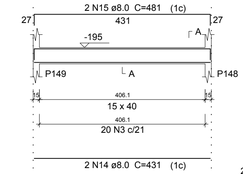


SEÇÃO A-A
ESC. 1:25

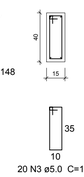


V13

ESC. 1:75

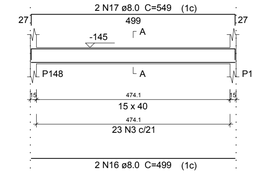


SEÇÃO A-A
ESC. 1:25

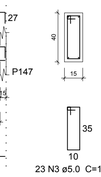


V14

ESC. 1:75

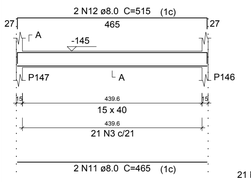


SEÇÃO A-A
ESC. 1:25

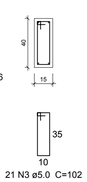


V15

ESC. 1:75

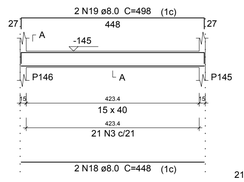


SEÇÃO A-A
ESC. 1:25

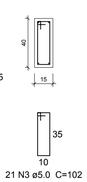


V16

ESC. 1:75

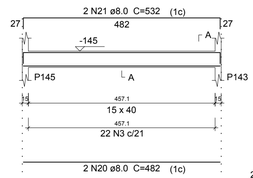


SEÇÃO A-A
ESC. 1:25

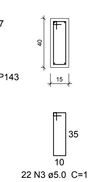


V17

ESC. 1:75

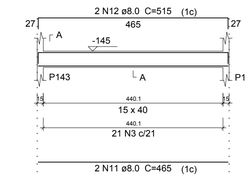


SEÇÃO A-A
ESC. 1:25

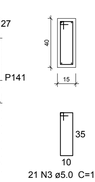


V18

ESC. 1:75

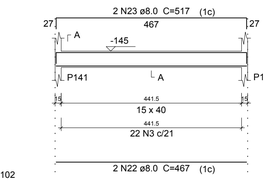


SEÇÃO A-A
ESC. 1:25

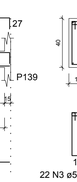


V19

ESC. 1:75



SEÇÃO A-A
ESC. 1:25



Relação do aço

2xS157	3xS158	S162
S165	3xS166	V1
V2	V3	V4
V5	V6	V7
V8	V9	V10
V11	V12	V13
V14	V15	V16
V17	V18	V19

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	105	92	9660
	2	5.0	310	82	25420
	3	5.0	192	102	19584
CA50	4	8.0	2	660	1320
	5	8.0	2	676	1352
	6	8.0	2	698	1396
	7	8.0	2	714	1428
	8	8.0	14	470	6580
	9	8.0	12	486	5832
	10	8.0	2	496	992
	11	8.0	10	465	4650
	12	8.0	8	515	4120
	13	8.0	2	501	1002
	14	8.0	2	431	862
	15	8.0	2	481	962
	16	8.0	2	499	998
	17	8.0	2	549	1098
	18	8.0	2	448	896
	19	8.0	2	498	996
	20	8.0	2	482	964
	21	8.0	2	532	1064
	22	8.0	2	467	934
	23	8.0	2	517	1034
	24	10.0	10	VAR	VAR
	25	10.0	20	VAR	VAR
	26	10.0	16	135	2160
	27	10.0	18	120	2160
	28	10.0	21	125	2625
	29	10.0	24	115	2760
	30	10.0	2	VAR	VAR
	31	10.0	4	VAR	VAR
	32	10.0	7	120	840
	33	10.0	7	110	770
	34	10.0	2	VAR	VAR
	35	10.0	4	VAR	VAR
	36	10.0	6	85	510
	37	10.0	24	75	1800
	38	10.0	6	VAR	VAR
	39	10.0	12	VAR	VAR
	40	10.0	18	65	1170

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	384.8	151.8
	10.0	281.1	173.3
CA60	5.0	546.7	84.3
PESO TOTAL (kg)			
CA50	325.1		
CA60	84.3		

Volume de concreto (C-25) = 8.14 m³
Área de forma = 101.98 m²

E + PLAN engenharia

Equipe Técnica
Eng. Civil Dilnei de Freitas Jacinto
Eng. Civil Jacson Jeremias
Eng. Eletricista Edenir Vieira
Eng. Mecânico e Seg. do Trabalho Mario Cesar Osorio
Arq. Urbanista Andrea Patricia Martins de Souza
Eng. Civil Evair da Silva Borges
Acad. de Arq. e Urbanismo Vinicius Souza

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Projeto
ESTRUTURAL

Obra
UNIDADE DE ACOLHIMENTO - CAPS AD III
Rua Brigada Lopes S/N - Bairro Glória - Joinville SC

Proprietário
Fundo Municipal de Saúde de Joinville
CNPJ:08184821/0001-37

Responsáveis Técnicos
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Arquiteta e Urbanista
CAU: A30287-2

Edenir Vieira
Engenheiro Eletricista
Crea/SC:118.524-5

Dilnei de Freitas Jacinto
Engenheiro Civil
Crea/SC:122.825-5

Jacson Jeremias
Engenheiro Civil
Crea/SC:125.007-9

Conteúdo
Detalhamentos das Fundações e vigas dos Pórticos externos e Contenções.

Ref.	Data	Área	Escala	Folha
JOI-02	FEV/2017	1055,86 m²	INDICADA	34/37

PROIBIDO CÓPIA OU REPRODUÇÃO DO PROJETO SEM PRÉVIA AUTORIZAÇÃO.
DIREITOS AUTORAIS RESERVADOS PELA LEI Nº 9.610-98