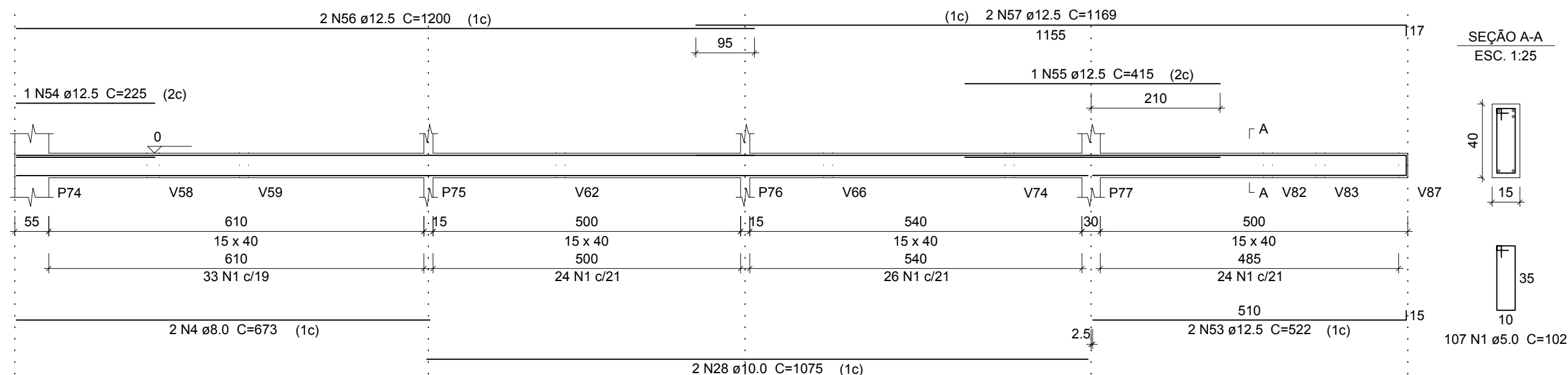
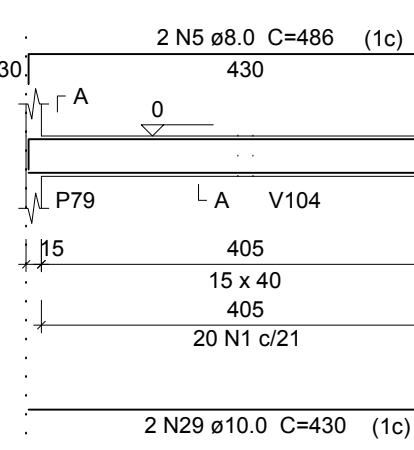
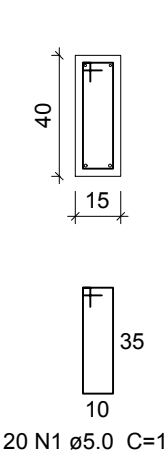
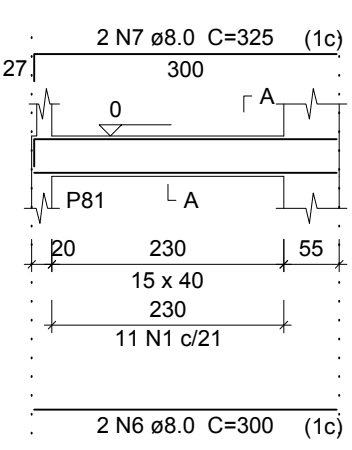
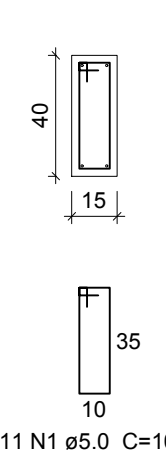
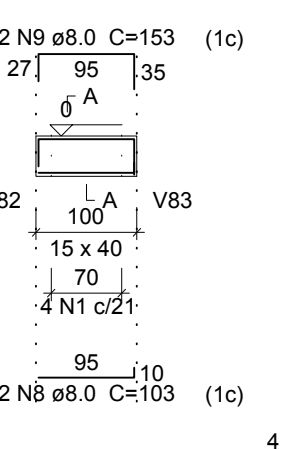
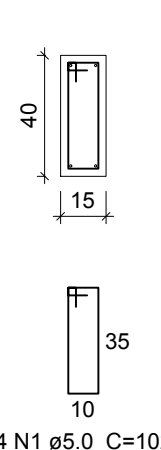
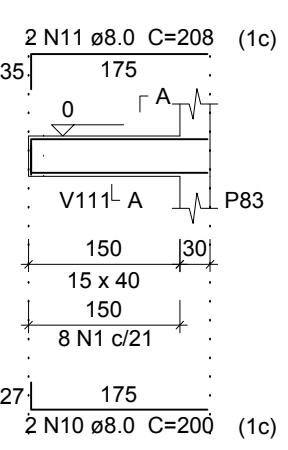
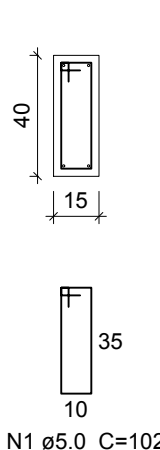


V34  
ESC. 1:75V35  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V36  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V37  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V38  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25

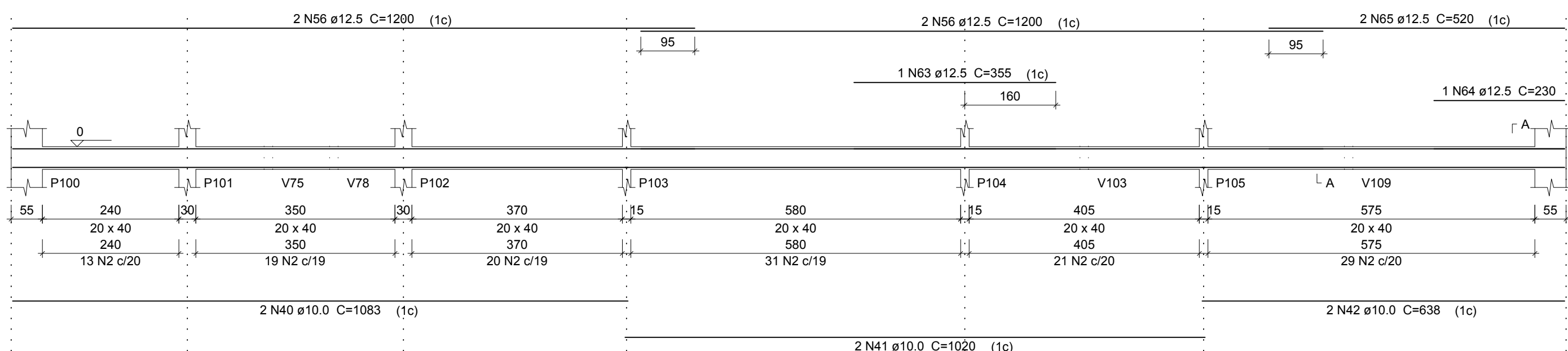
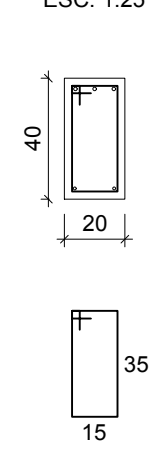
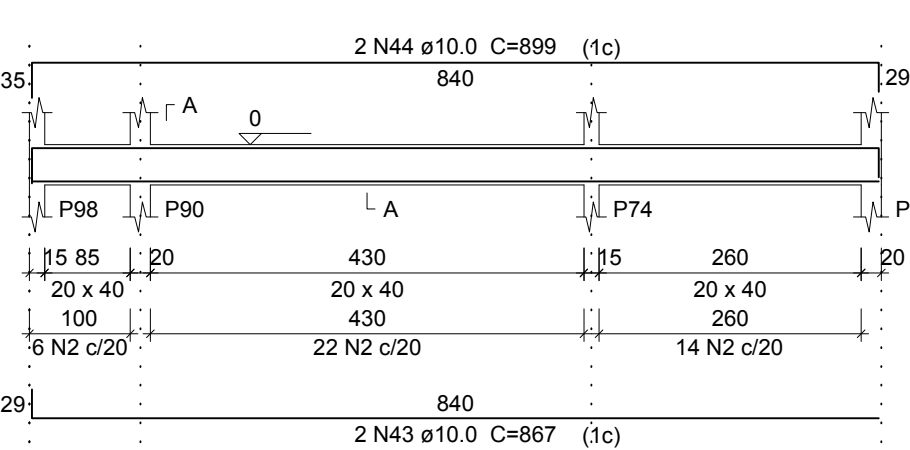
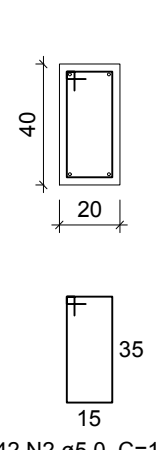
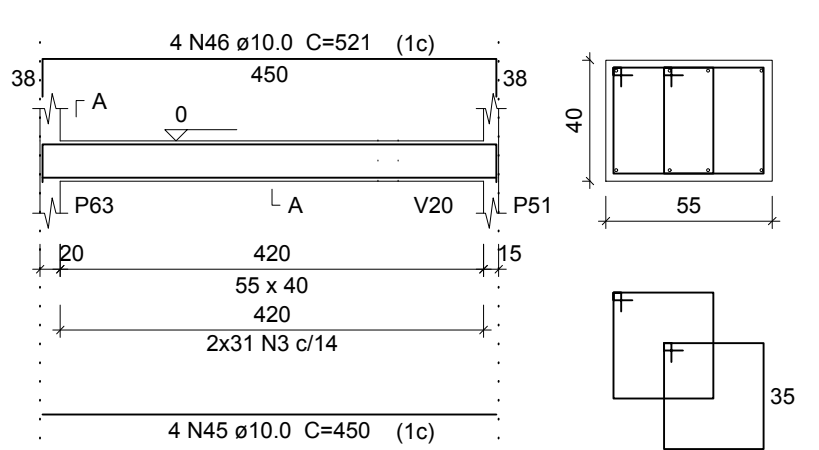
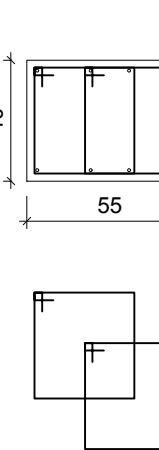
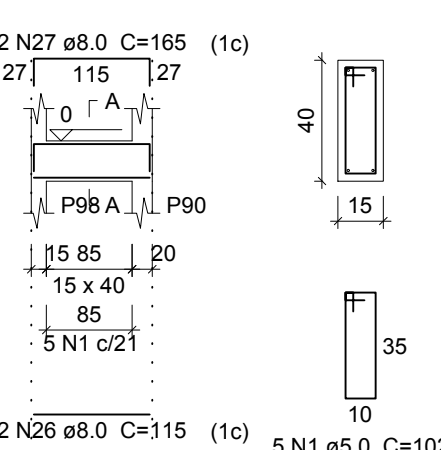
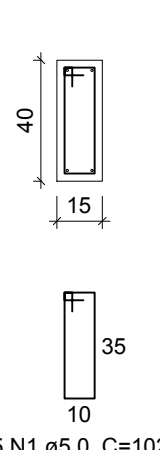
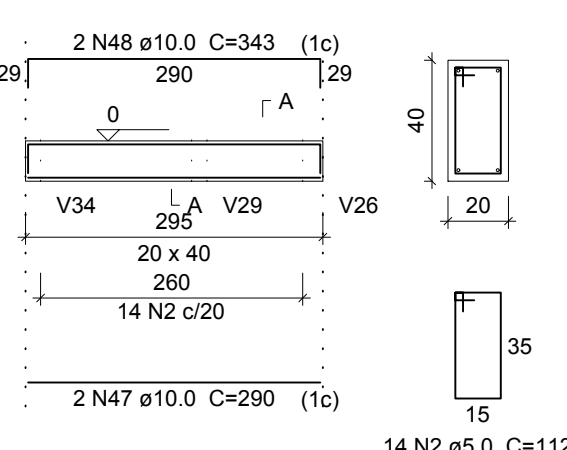
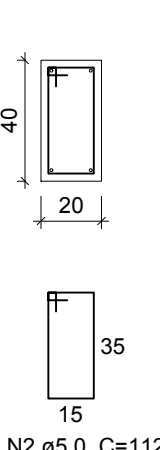
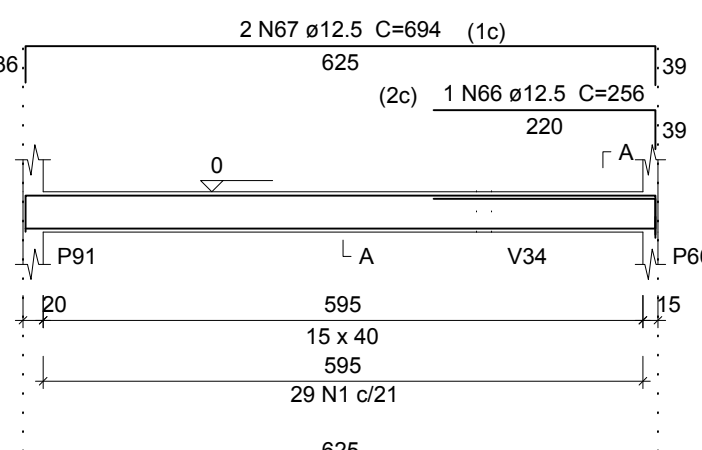
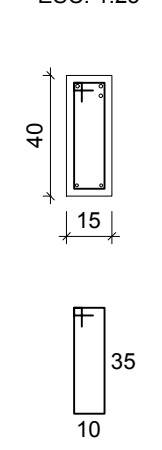
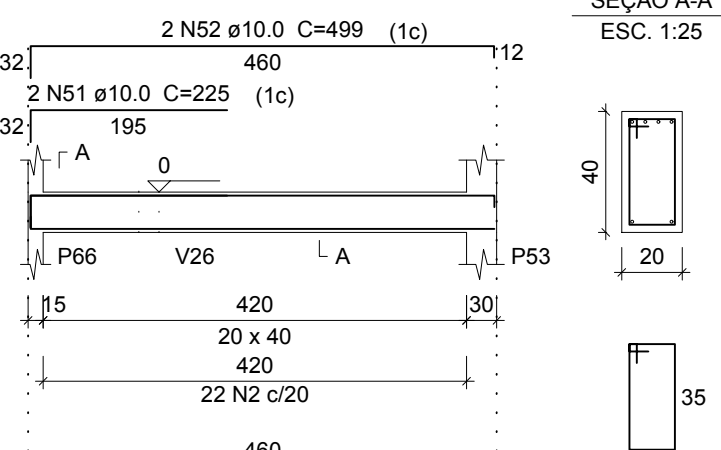
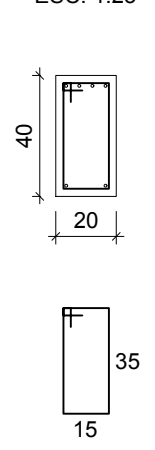
Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V34					
V37					
V40					
V43					
V46					
V49					
V52					
V55					
V58					
V35					
V38					
V41					
V44					
V47					
V50					
V53					
V56					
V59					
CA50	1	5.0	404	102	41208
	2	5.0	294	112	32928
	3	5.0	62	148	9176
	4	8.0	2	673	1346
	5	8.0	4	486	1944
	6	8.0	2	300	600
	7	8.0	2	325	650
	8	8.0	2	103	206
	9	8.0	2	153	306
	10	8.0	2	200	400
	11	8.0	2	208	416
	12	8.0	4	233	932
	13	8.0	4	283	1132
	14	8.0	2	533	1066
	15	8.0	2	575	1150
	16	8.0	2	175	350
	17	8.0	2	295	590
	18	8.0	2	345	690
	19	8.0	2	465	930
	20	8.0	2	570	1140
	21	8.0	2	385	770
	22	8.0	2	320	640
	23	8.0	2	370	740
	24	8.0	2	260	520
	25	8.0	2	310	620
	26	8.0	2	115	230
	27	8.0	2	165	330
	28	10.0	2	1075	2150
	29	10.0	2	430	860
	30	10.0	4	440	1760
	31	10.0	2	520	1040
	32	10.0	2	609	1218
	33	10.0	2	474	948
	34	10.0	2	405	810
	35	10.0	2	358	716
	36	10.0	2	308	616
	37	10.0	2	785	1570
	38	10.0	2	1070	2140
	39	10.0	2	200	400
	40	10.0	2	1083	2166
	41	10.0	2	1020	2040
	42	10.0	2	638	1276
	43	10.0	2	867	1734
	44	10.0	2	899	1798
	45	10.0	4	450	1800
	46	10.0	4	521	2084
	47	10.0	2	290	580
	48	10.0	2	343	686
	49	10.0	2	635	1270
	50	10.0	2	470	940
	51	10.0	2	225	450
	52	10.0	2	499	998
	53	12.5	2	522	1044
	54	12.5	1	225	225
	55	12.5	1	415	415
	56	12.5	6	1200	7200
	57	12.5	2	1169	2338
	58	12.5	2	182	364
	59	12.5	2	484	968
	60	12.5	2	510	1020
	61	12.5	5	625	3125
	62	12.5	2	454	908
	63	12.5	1	355	355
	64	12.5	1	230	230
	65	12.5	2	520	1040
	66	12.5	1	256	256
	67	12.5	2	694	1388

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	177	69.8
	10.0	320.5	197.6
	12.5	208.8	201.1
CA60	5.0	833.2	128.4
PESO TOTAL (kg)			
CA50	468.5		
CA60	128.4		

Volume de concreto (C-25) = 11.22 m³  
Área de forma = 151.49 m²

V54  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V55  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V56  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V57  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V58  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V59  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25V60  
ESC. 1:75SEÇÃO A-A  
ESC. 1:25

Equipe Técnica  
Eng. Civil Dilnei de Freitas Jacinto  
Eng. Civil Jacon Jeremias  
Eng. Eletricista Edénir 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

E + Plan Engenharia Ltda Me - CNPJ:15.018.870/0001-65  
Registro no CREA/SC: 127.622-8  
www.emais.eng.br - contato@emais.eng.br - (48)3093-9350  
Rua Najla Carone Goedert, nº 1080 - Sala 411 - Ed. City Office  
Paganí - Palhoça - SC

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

Andrea P. Martins de Souza  
Arquiteta e Urbanista  
CAU: A30287-2

Edénir Vieira  
Engenheiro Eletricista  
Crea/SC:118.524-5

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

Jacon Jeremias  
Engenheiro Civil  
Crea/SC:125.007-9

Conteúdo

Detalhamento das Fundações.

Ref.  
JOI-02Data  
FEV/2017Área  
1055,86 m²Escala  
INDICADAFolha  
11/37

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