

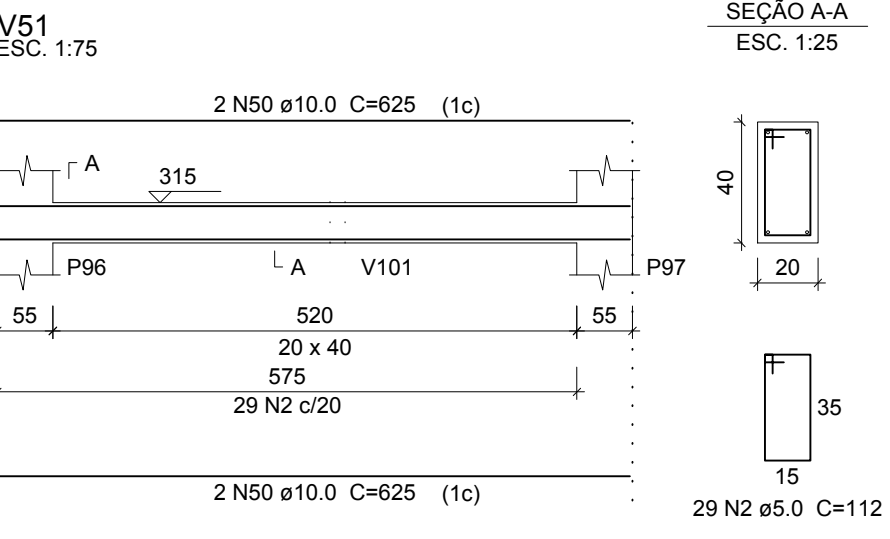
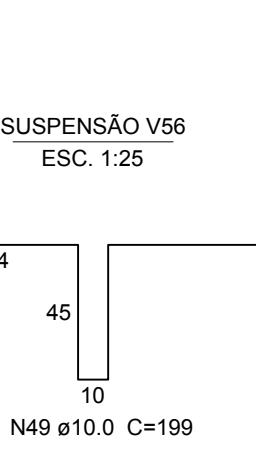
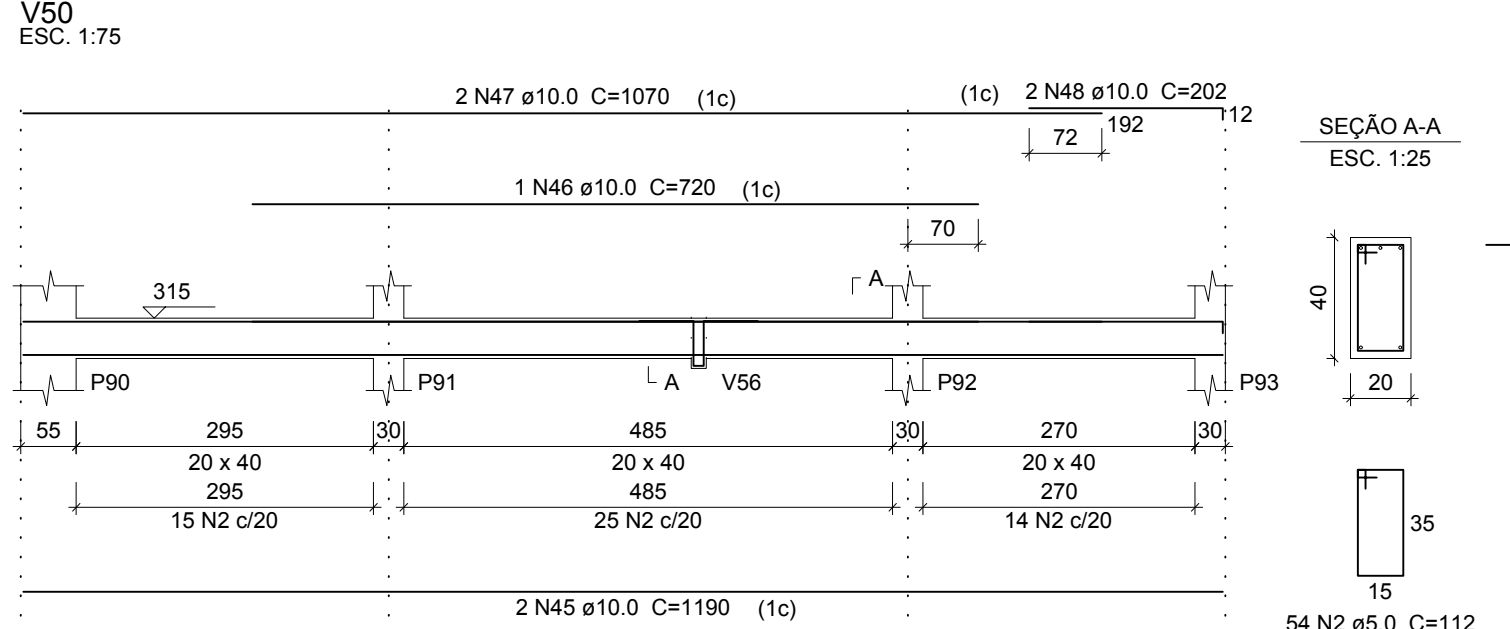
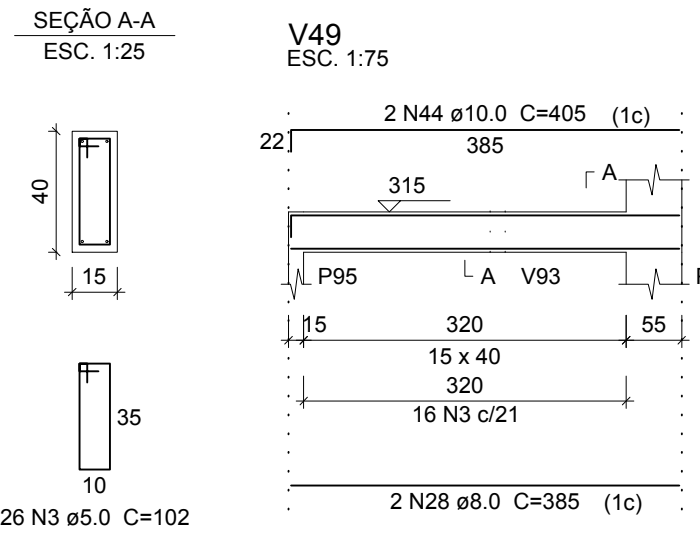
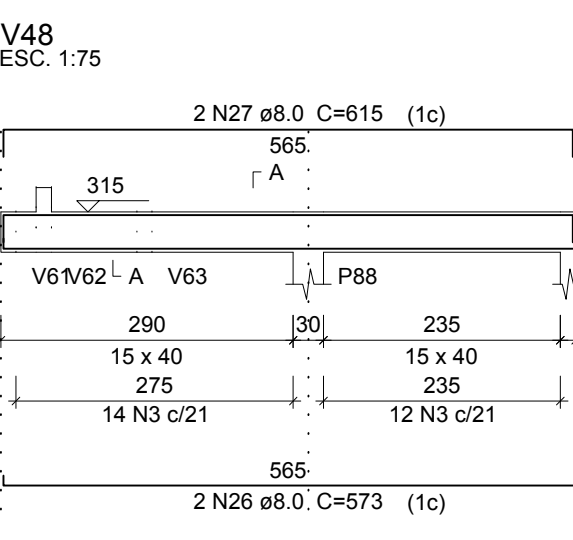
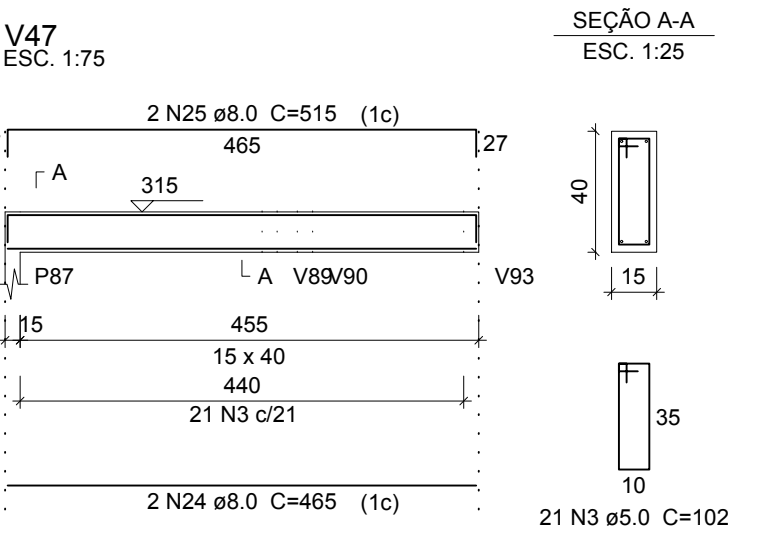
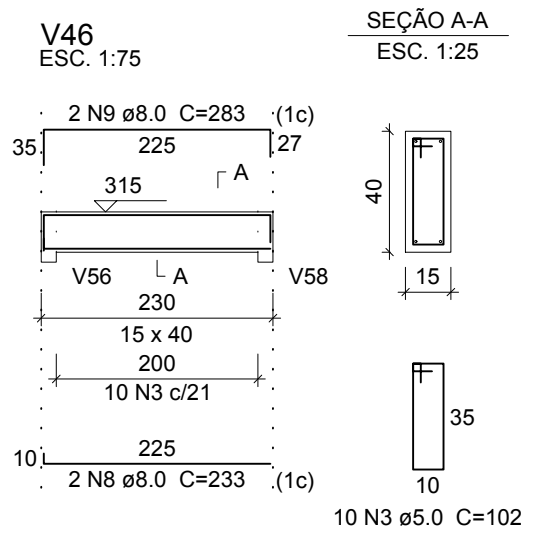
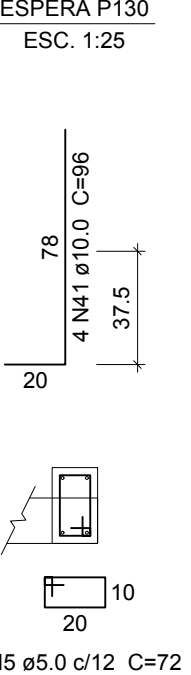
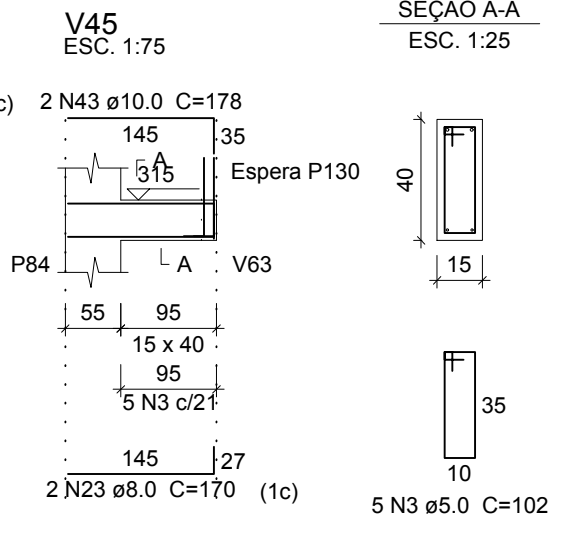
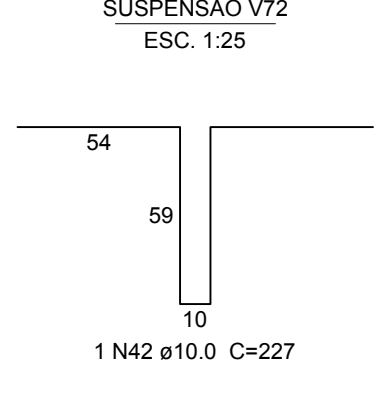
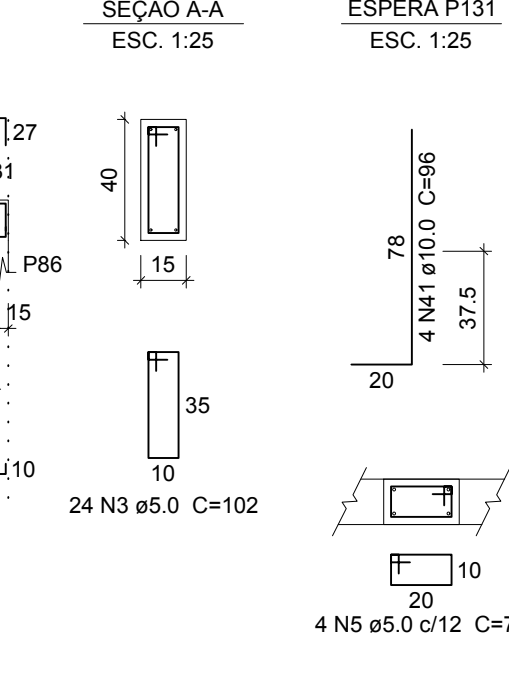
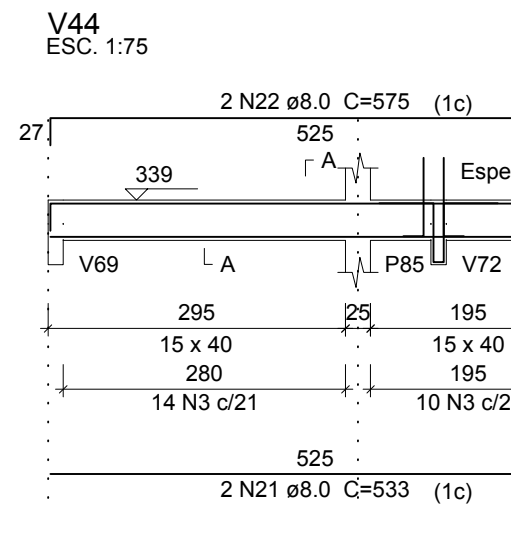
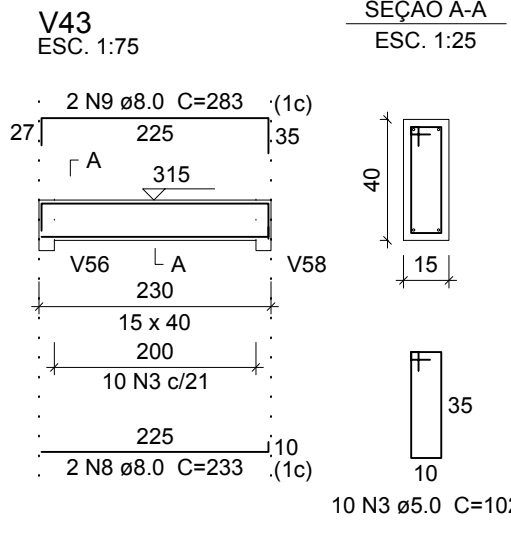
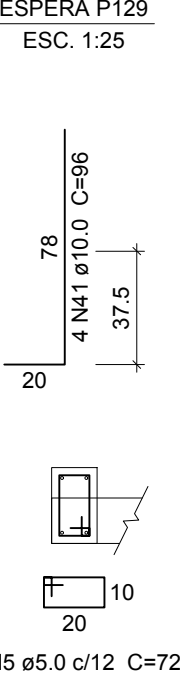
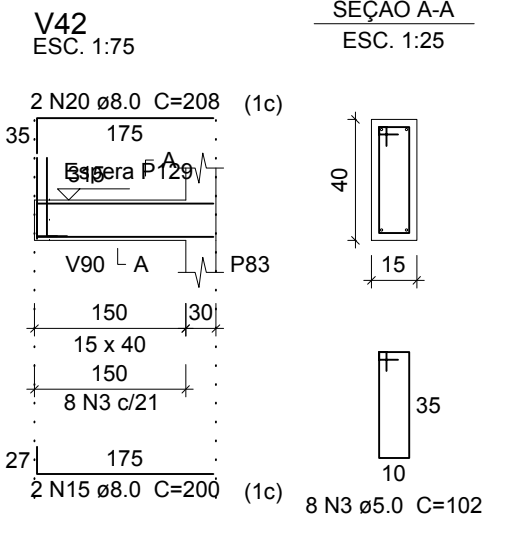
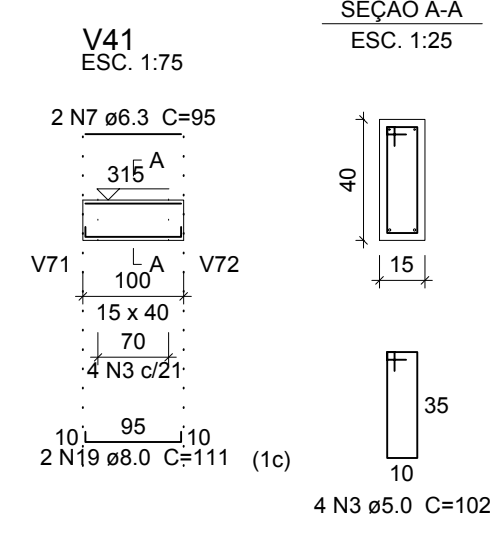
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	50.8	12.4
	8.0	194.7	76.8
	10.0	237.2	146.2
	12.5	286.2	256.4
CA60	5.0	702.6	108.3
PESO TOTAL (kg)			
CA50		491.9	
CA60		108.3	

Volume de concreto (C-25) = 10.52 m³
Área de forma = 154.5 m²

Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	156	122	19032
	2	5.0	165	112	18480
	3	5.0	268	102	27336
	4	5.0	30	142	4260
	5	5.0	16	72	1152
CA50	6	6.3	6	815	4890
	7	6.3	2	95	190
	8	8.0	8	233	1864
	9	8.0	8	283	2264
	10	8.0	2	763	1526
	11	8.0	2	410	820
	12	8.0	2	153	306
	13	8.0	2	300	600
	14	8.0	2	350	700
	15	8.0	4	200	800
	16	8.0	2	233	466
	17	8.0	2	430	860
	18	8.0	2	480	960
	19	8.0	2	111	222
	20	8.0	2	208	416
	21	8.0	2	533	1066
	22	8.0	2	575	1150
	23	8.0	2	170	340
	24	8.0	2	465	930
	25	8.0	2	515	1030
	26	8.0	2	573	1146
	27	8.0	2	615	1230
	28	8.0	2	385	770
	29	10.0	2	318	636
	30	10.0	2	1010	2020
	31	10.0	1	305	305
	32	10.0	2	1029	2058
	33	10.0	2	375	750
	34	10.0	2	402	804
	35	10.0	2	445	890
	36	10.0	2	472	944
	37	10.0	2	528	1056
	38	10.0	2	395	790
	39	10.0	2	1075	2150
	40	10.0	4	106	424
	41	10.0	12	96	1152
	42	10.0	1	227	227
	43	10.0	2	178	356
	44	10.0	2	405	810
	45	10.0	2	1190	2380
	46	10.0	1	720	720
	47	10.0	2	1070	2140
	48	10.0	2	202	404
	49	10.0	1	199	199
	50	10.0	4	625	2500
	51	12.5	2	532	1064
	52	12.5	1	450	450
	53	12.5	2	864	1728
	54	12.5	2	655	1310
	55	12.5	1	300	300
	56	12.5	1	850	850
	57	12.5	2	1175	2350
	58	12.5	3	815	2445
	59	12.5	4	859	3436
	60	12.5	2	1198	2396
	61	12.5	2	750	1500
	62	12.5	2	675	1350
	63	12.5	2	522	1044
	64	12.5	1	275	275
	65	12.5	1	925	925
	66	12.5	1	460	460
	67	12.5	2	1200	2400
	68	12.5	2	1168	2336



Equipe Técnica
Eng. Civil Dilnei de Freitas Jacinto
Eng. Civil Jacon Jeremias
Eng. Eletricista Edeir Vieira
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.e+plan.eng.br - contato@e+plan.eng.br - (48)3093-9350
Rua Najla Carone Goedert, nº 1080 - Sala 411 - Ed. City Office
Paganí - Palhoça - SC

Projeto

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

Edenir 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 Vigas Baldrame e Pilares.

Ref. JOI-02

Data
FEV/2017

Área
1055,86 m²

Escala
INDICADA

Folha
17/37

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