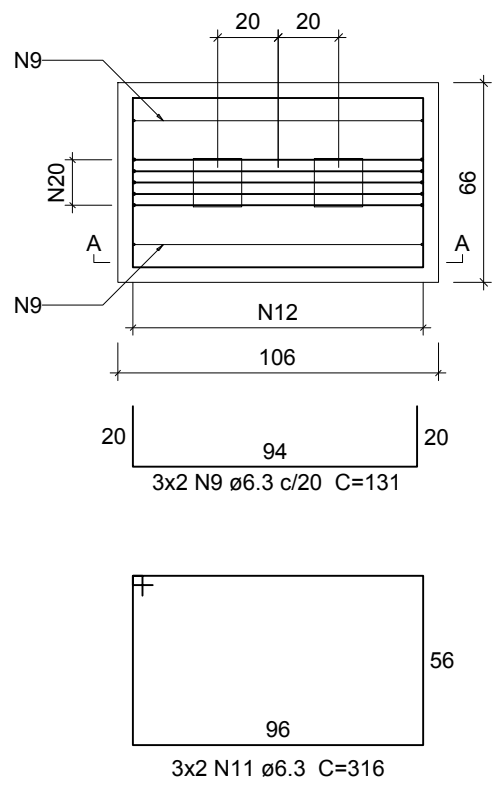
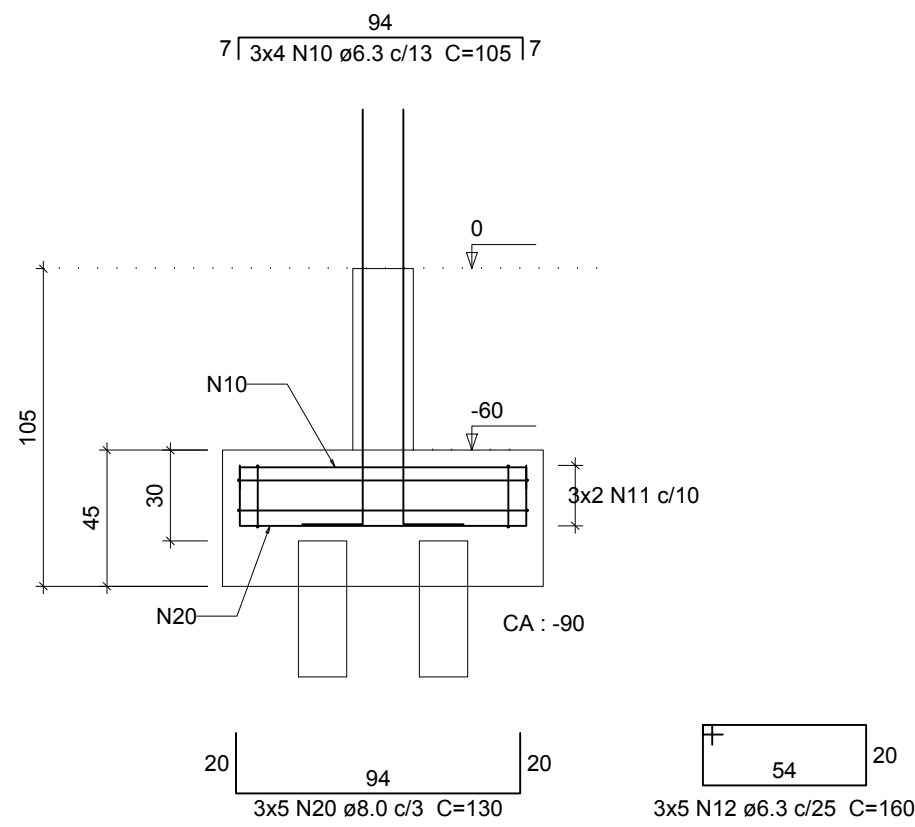


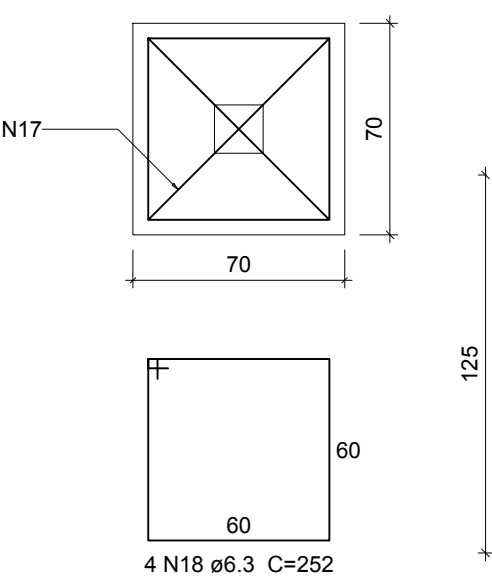
B41=B52=B106  
2x16X16CM-25T  
PLANTA  
ESC. 1:25



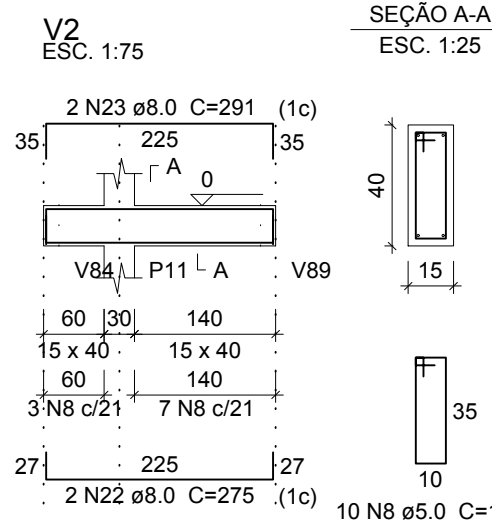
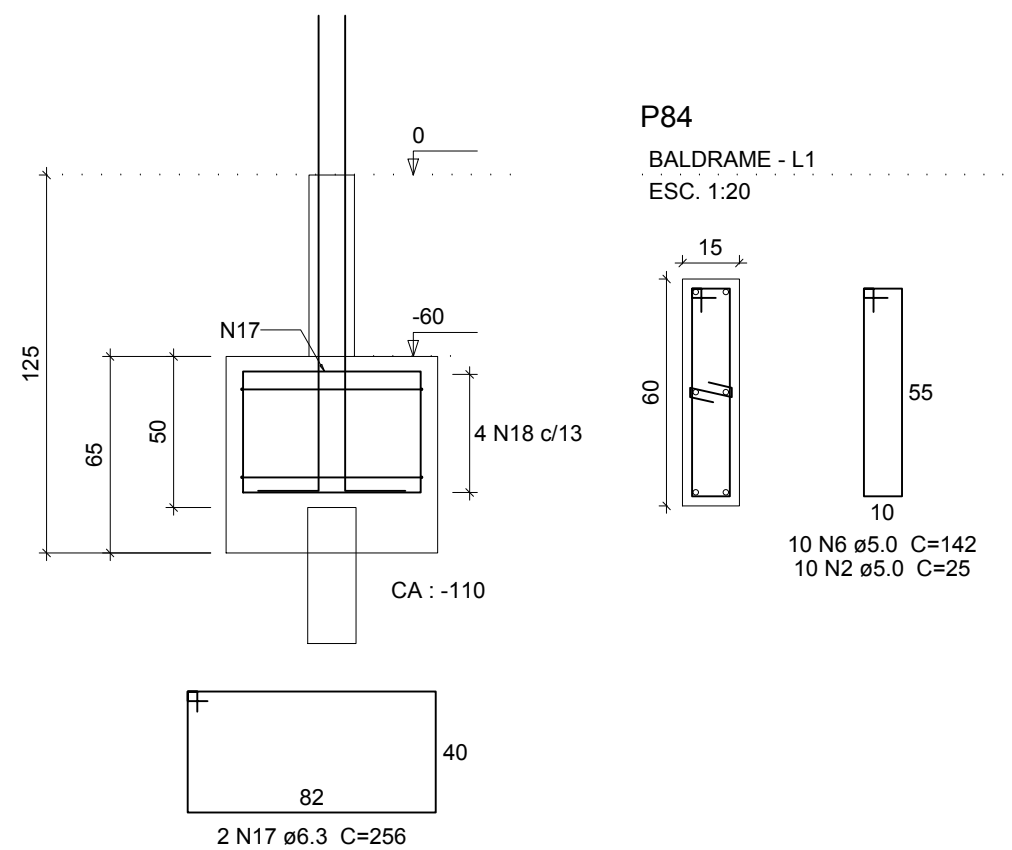
CORTE A-A  
ESC. 1:25



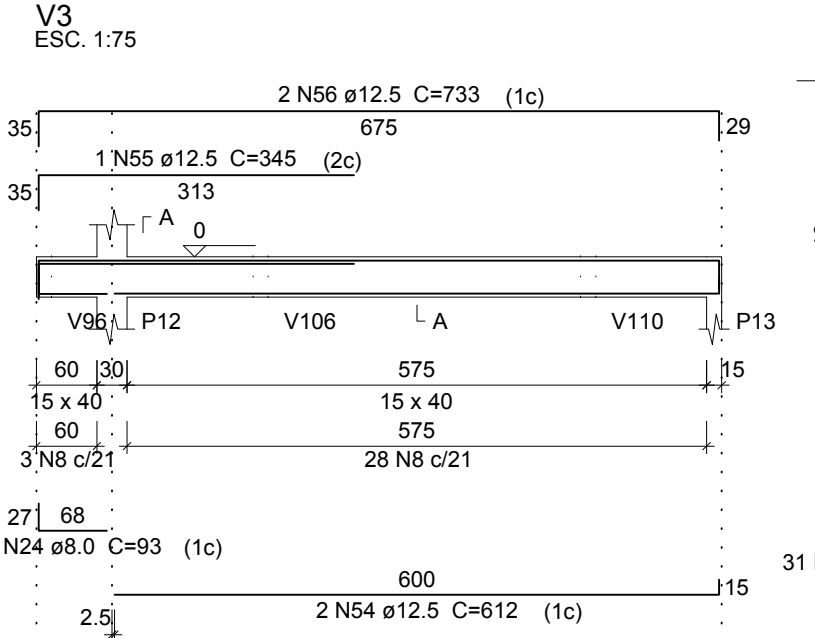
B84  
1x16X16CM-25T  
PLANTA  
ESC. 1:25



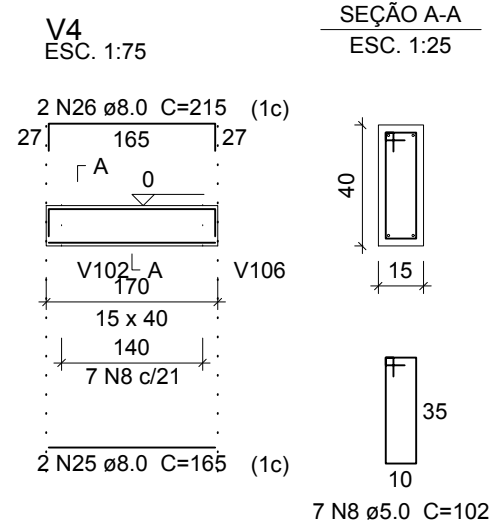
CORTE  
ESC. 1:25



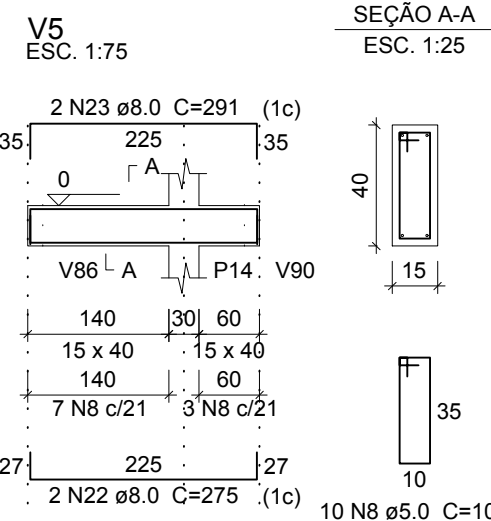
SEÇÃO A-A  
ESC. 1:25



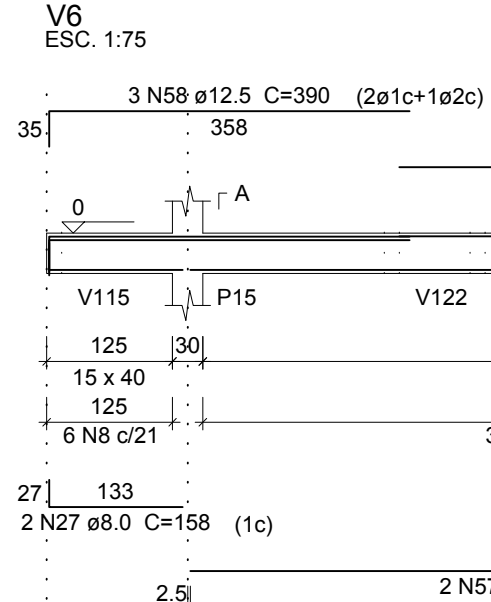
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ESC. 1:25



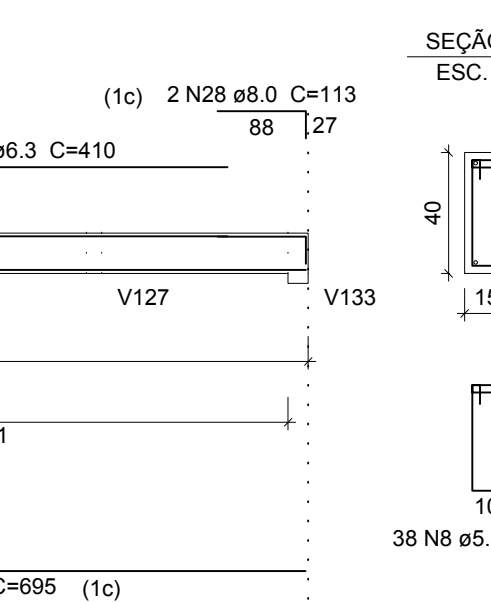
SEÇÃO A-A  
ESC. 1:25



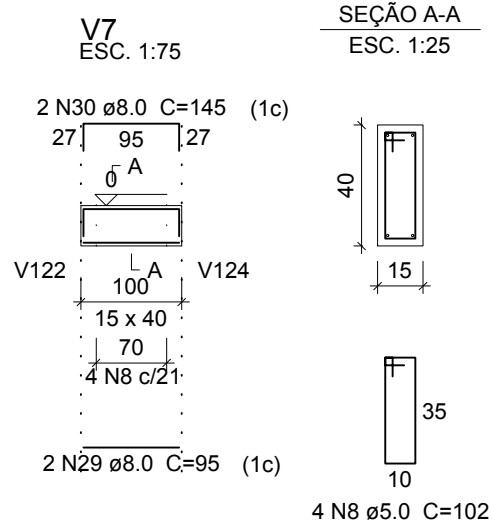
SEÇÃO A-A  
ESC. 1:25



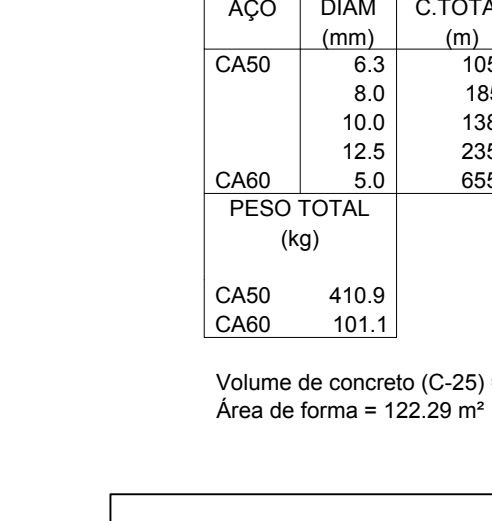
SEÇÃO A-A  
ESC. 1:25



SEÇÃO A-A  
ESC. 1:25



SEÇÃO A-A  
ESC. 1:25



SEÇÃO A-A  
ESC. 1:25

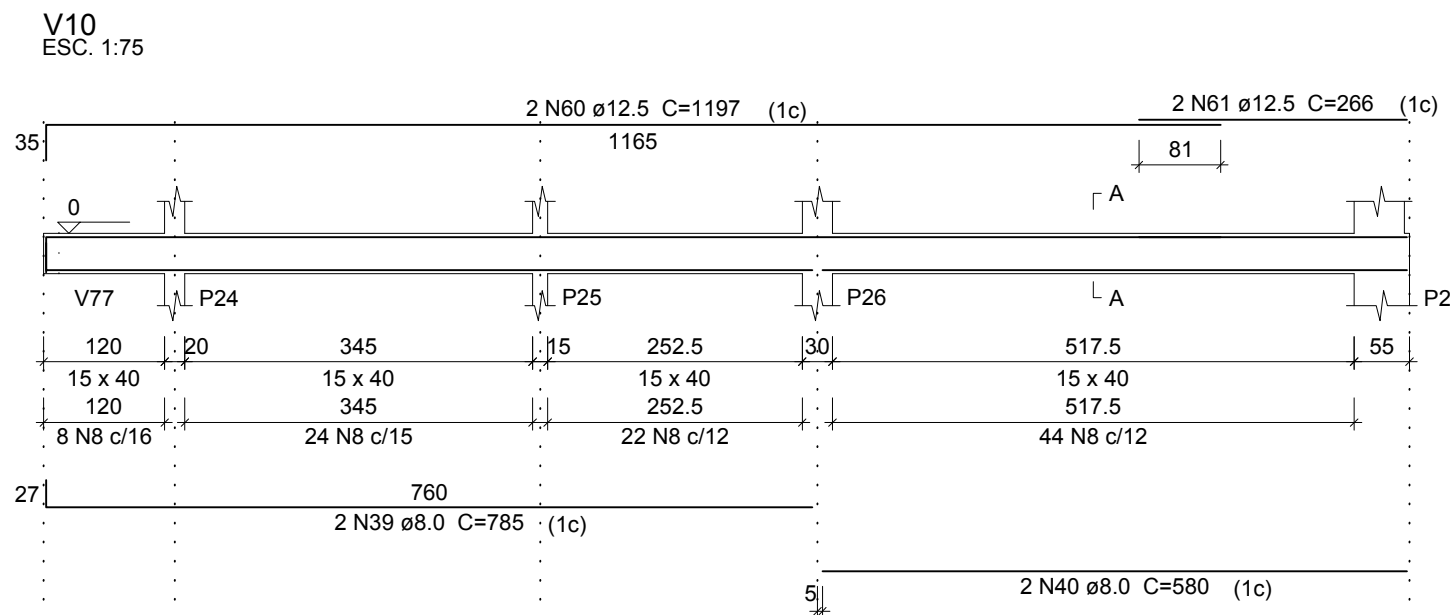
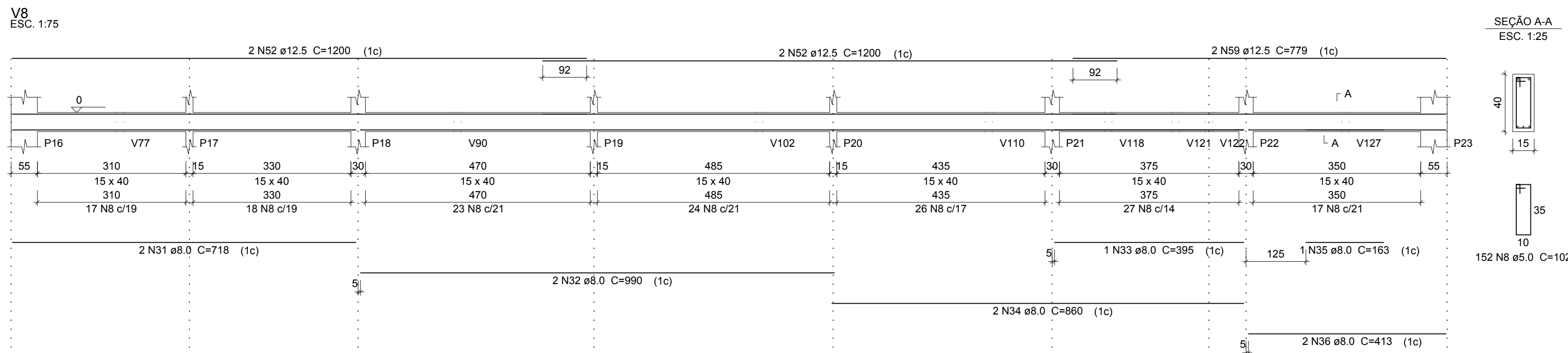
Resumo do aço

ÁÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	105.2	25.7
	8.0	105.1	73
	10.0	138.6	85.4
	12.5	235.5	226.8
CA60	5.0	655.9	101.1
PESO TOTAL (kg)			
CA50		410.9	
CA60		101.1	

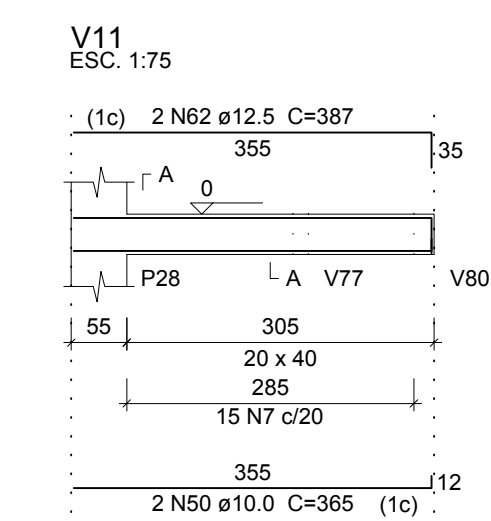
Volume de concreto (C-25) = 9.36 m³  
Área de forma = 122.29 m²

Relação do aço

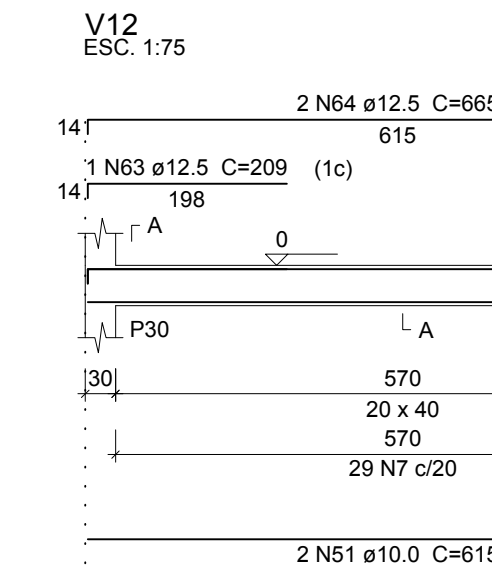
ÁÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	132	1055
	2	5.0	26	160	650
	3	5.0	16	142	2272
	4	5.0	16	30	480
	5	5.0	8	92	736
	6	5.0	10	142	1420
	7	5.0	185	112	20720
	8	5.0	375	102	38250
	9	6.3	6	131	786
	10	6.3	12	105	1260
	11	6.3	6	316	1896
	12	6.3	15	160	2400
	13	6.3	2	125	250
	14	6.3	4	99	396
	15	6.3	2	272	544
	16	6.3	5	128	640
	17	6.3	2	256	512
	18	6.3	4	252	1008
	19	6.3	2	410	820
	20	8.0	15	130	1950
	21	8.0	5	124	620
	22	8.0	4	1100	1100
	23	8.0	4	291	1164
	24	8.0	2	93	186
	25	8.0	2	165	330
	26	8.0	2	215	430
	27	8.0	2	158	316
	113	8.0	2	113	226
	29	8.0	2	95	190
	30	8.0	2	145	290
	31	8.0	2	718	1436
	32	8.0	2	990	1980
	33	8.0	1	395	395
	34	8.0	2	860	1720
	35	8.0	1	163	163
	36	8.0	2	413	826
	37	8.0	2	275	550
	38	8.0	2	333	666
	39	8.0	2	785	1570
	40	8.0	2	580	1160
	41	8.0	2	295	590
	42	8.0	2	335	670
	43	10.0	2	VAR	VAR
	44	10.0	34	VAR	VAR
	45	10.0	6	VAR	VAR
	46	10.0	2	865	1730
	47	10.0	2	828	1656
	48	10.0	2	875	1750
	49	10.0	2	398	796
	50	10.0	2	365	730
	51	10.0	2	615	1230
	52	12.5	8	1200	9600
	53	12.5	2	775	1550
	54	12.5	2	612	1224
	55	12.5	1	345	345
	56	12.5	2	733	1466
	57	12.5	2	695	1390
	58	12.5	3	390	1170
	59	12.5	2	779	1558
	60	12.5	2	1197	2394
	61	12.5	2	266	532
	62	12.5	2	387	774
	63	12.5	1	209	209
	64	12.5	2	665	1330



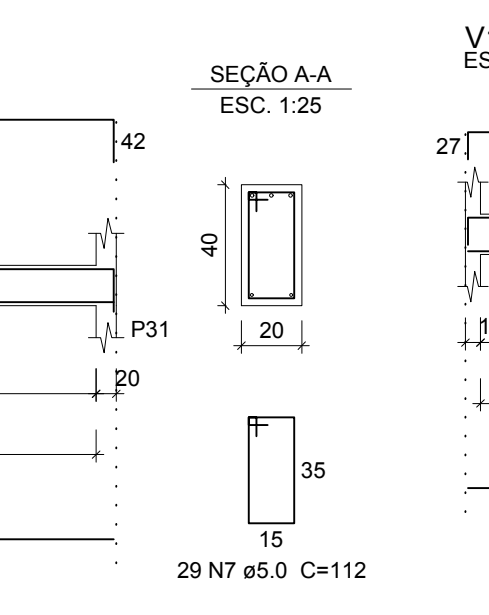
SEÇÃO A-A  
ESC. 1:25



SEÇÃO A-A  
ESC. 1:25



SEÇÃO A-A  
ESC. 1:25



SEÇÃO A-A  
ESC. 1:25



Equipe Técnica

Eng. Civil Dilnei de Freitas Jacinto  
Eng. Civil Jackson Jeremias  
Eng. Eletricista Edener 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

Edener 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

Detalhamento das Fundações.

Ref.  
JOI-02

Data  
FEV/2017

Área  
1055,86 m²

Escala  
INDICADA

Folha  
09/37

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