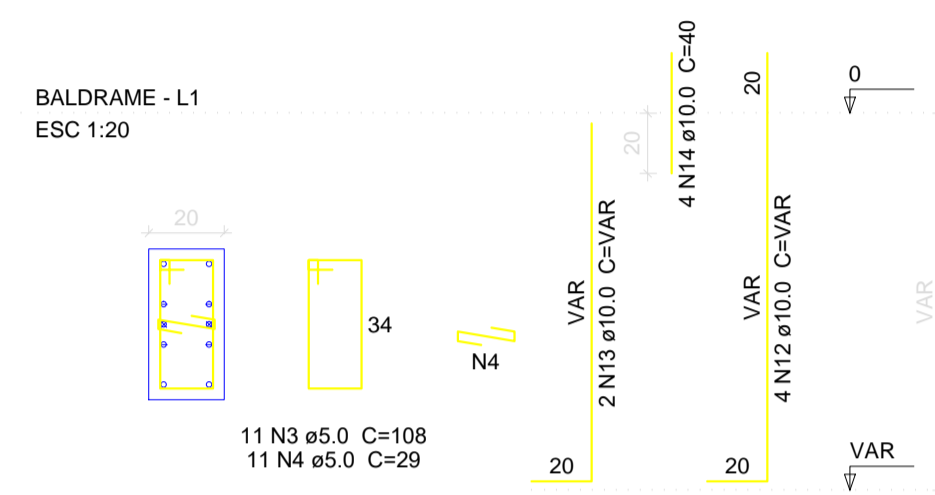
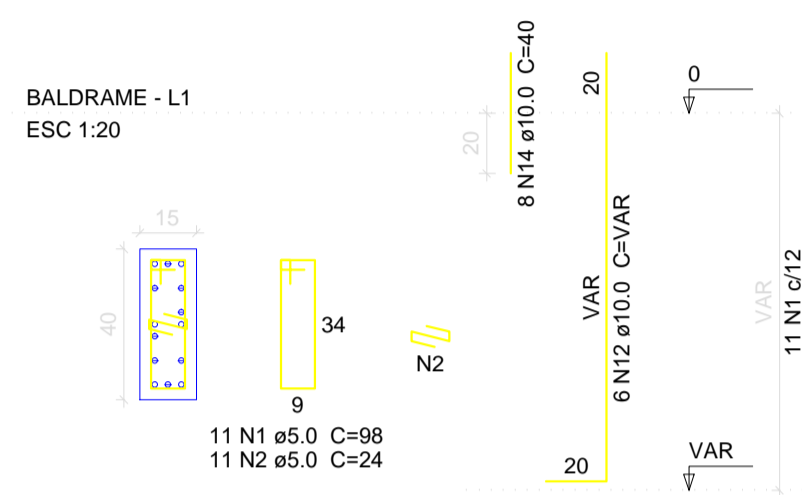


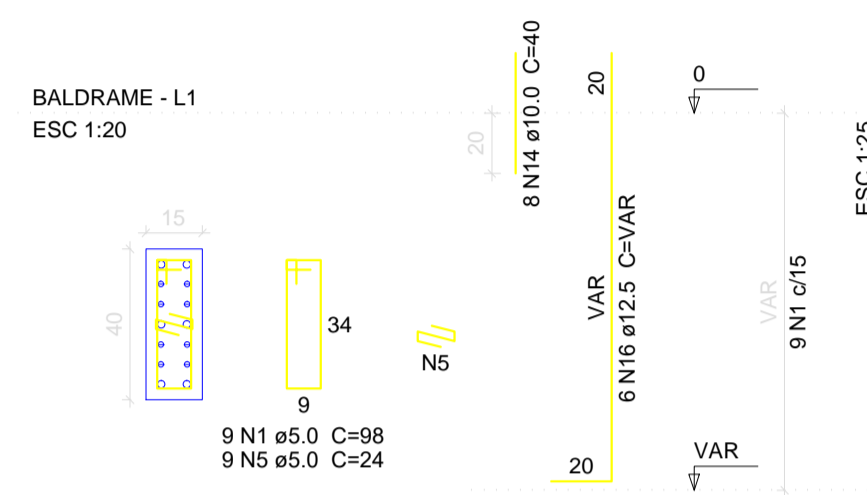
P70



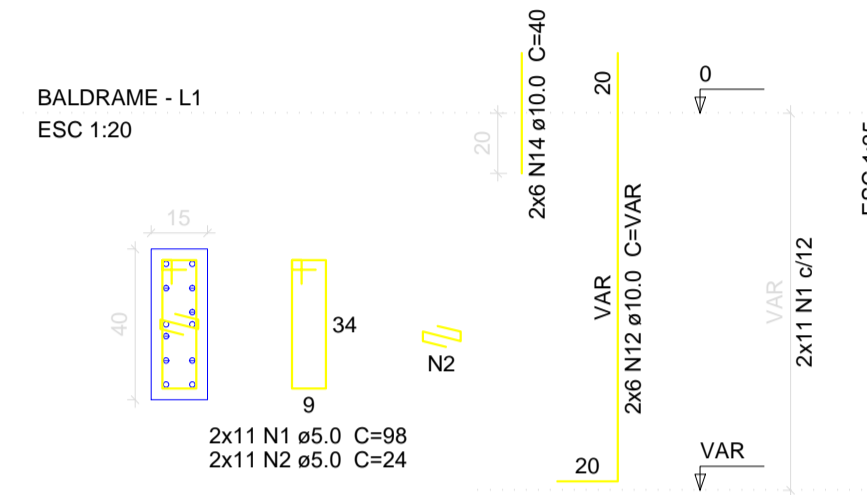
P71



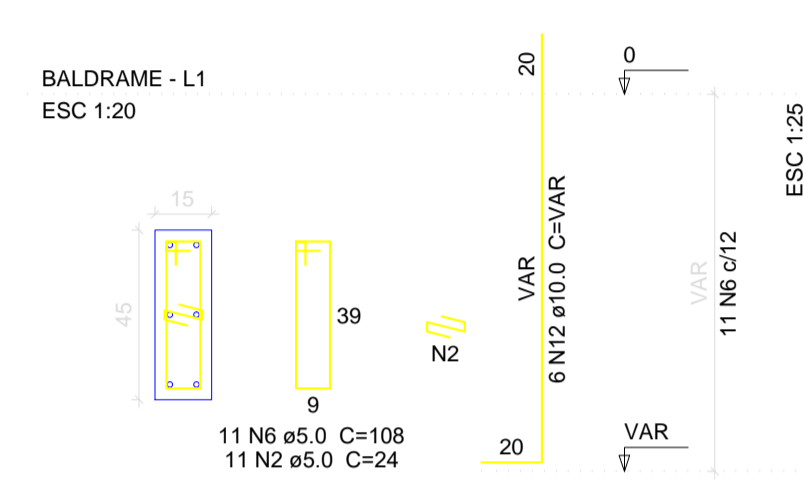
P72



P43=P73



P79



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	245	490
	2	5.0	2	185	370
	3	5.0	154	108	16632
CA50	4	8.0	2	1068	2136
	5	8.0	2	1025	2050
	6	8.0	2	1164	2328
	7	8.0	2	637	1274
	8	8.0	1	175	175
	9	8.0	4	1200	4800
	10	8.0	2	579	1158
	11	8.0	1	165	165
	12	8.0	2	367	734
	13	10.0	2	320	640

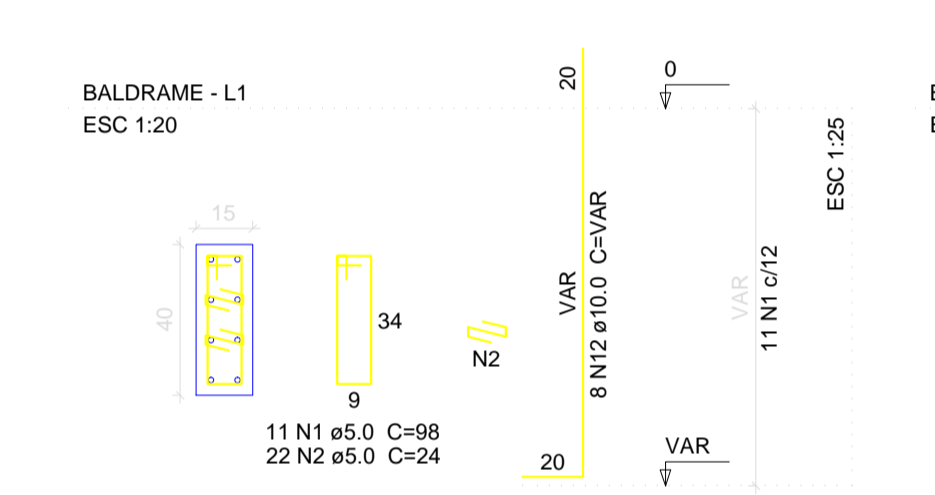
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	148.2	64.3
	10.0	6.4	4.3
CA60	5.0	175	29.7
PESO TOTAL (kg)			
CA50		68.7	
CA60		29.7	

Volume de concreto (C-25) = 2.66 m³
Área de forma = 41.37 m²

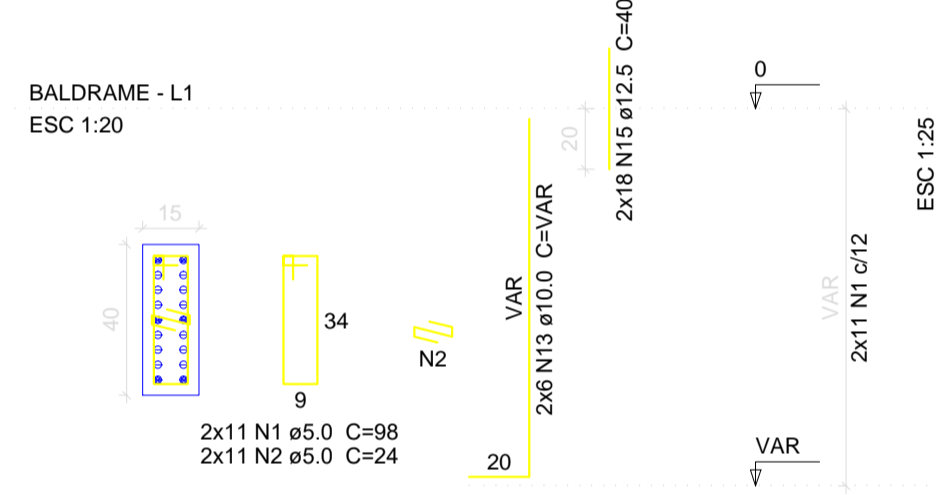


P20

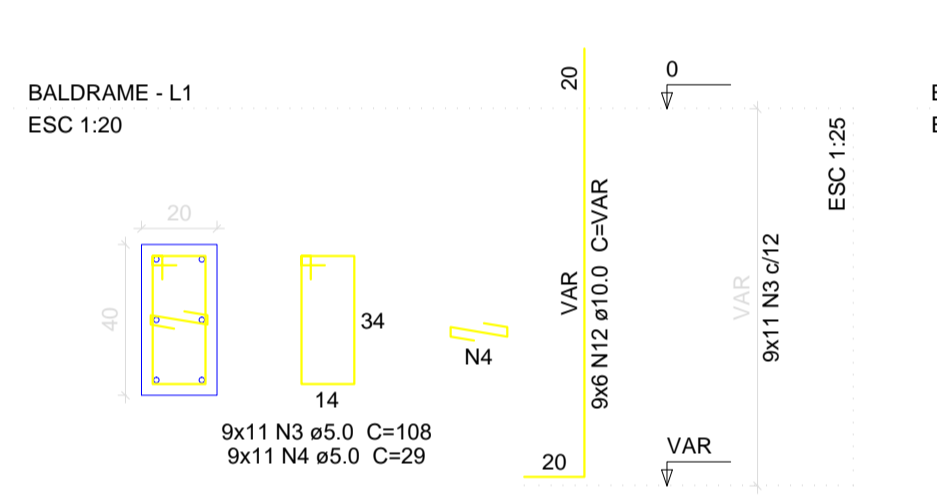


P3=P4=P10=P11=P12=P14=P16=P17=P18=P24
=P26=P27=P28=P31=P33=P34=P35=P41=P44
=P47=P48=P49=P77=P81=P85=P87=P114

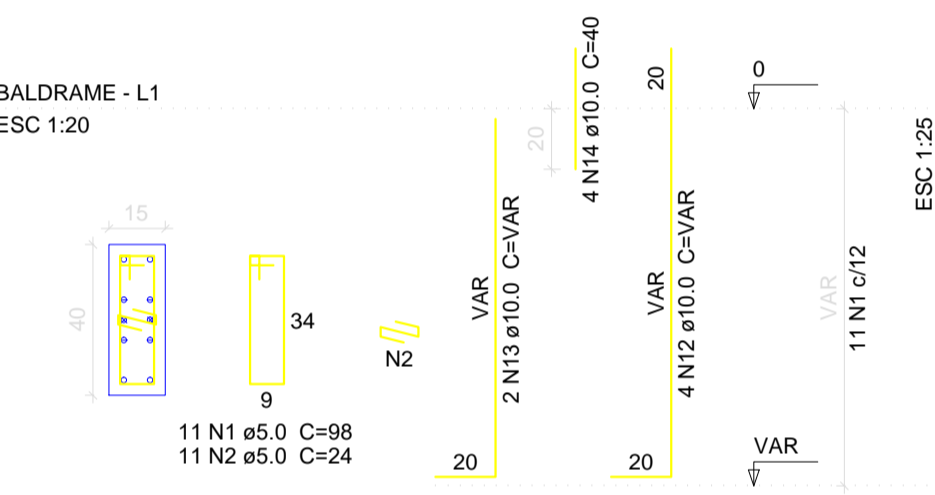
P63=P64



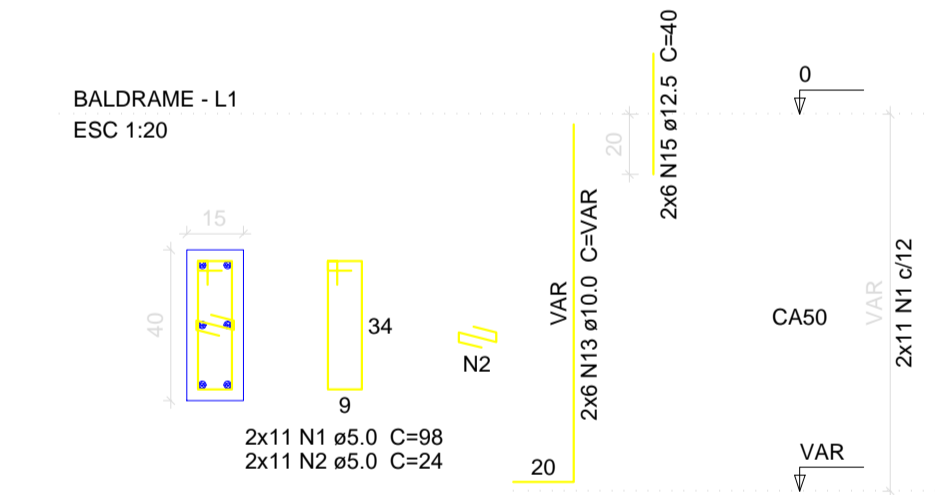
P25=P30=P46=P56=P61=P65=P79=P80=P111



P5

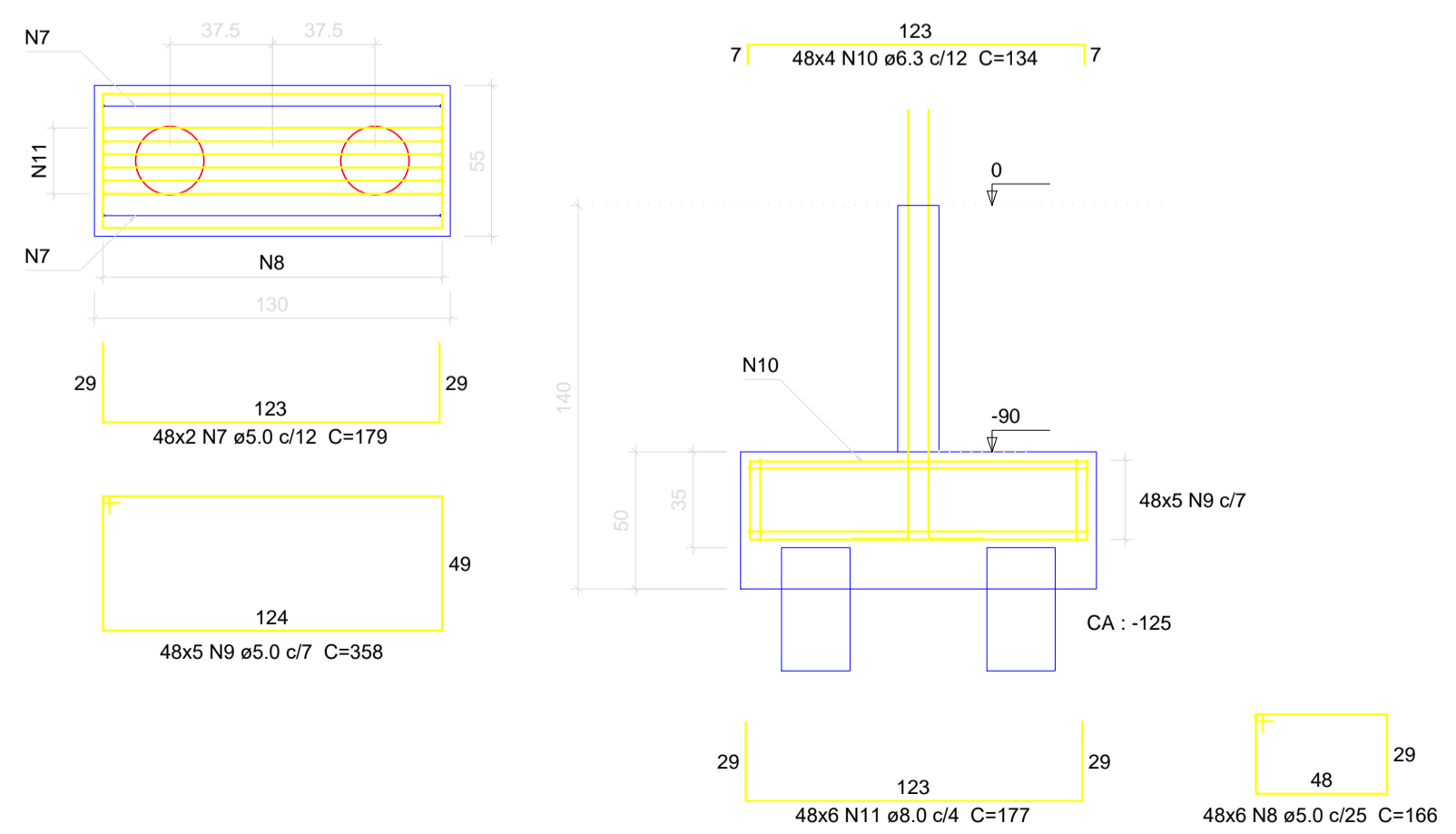


P39=P66



B3=B4=B5=B10=B11=B12=B14=B16=B17=B18
=B20=B24=B25=B26=B27=B28=B30=B31=B33
=B34=B35=B39=B41=B43=B44=B46=B47=B48
=B49=B56=B61=B63=B64=B65=B66=B70=B71
=B72=B73=B77=B79=B80=B81=B82=B85=B87
=B111=B114
2xC25

PLANTA ESC 1:25
CORTE ESC 1:25



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	405	98	39690
	2	5.0	418	24	10032
	3	5.0	110	108	11880
	4	5.0	110	29	3190
	5	5.0	9	24	216
	6	5.0	11	108	1188
	7	5.0	96	179	17184
	8	5.0	288	166	47808
	9	5.0	240	358	85200
CA50	10	6.3	192	134	25728
	11	8.0	288	177	50976
	12	10.0	256	VAR	VAR
	13	10.0	28	VAR	VAR
	14	10.0	36	40	1440
	15	12.5	48	40	1920
	16	12.5	6	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	257.3	69.3
	8.0	509.8	221.3
	10.0	462.4	313.6
	12.5	28.8	30.5
CA60	5.0	2171.1	368.1
PESO TOTAL (kg)			
CA50		634.5	
CA60		368.1	

Volume de concreto (C-25) = 20.31 m³
Área de forma = 156.16 m²

PROJETO DE ENGENHARIA

PRANCHA

13/14

OBJETO: Projeto Estrutural Hospital Municipal

END: Rua 16 nº 1.063 - Bairro Nacib Jabur Maluf - Itapagipe/MG

PROP: Município de Itapagipe-MG

CPF/CNPJ: 21.226.840/0001-47

Quadro de assinaturas:

Proprietário
CPF/CNPJ
Benice Nery Maia
Prefeita Municipal

Resp Técnico
CPF/CNPJ
Roselito Costa Agreli
CREA/SP:5070412203-LP

Aprovação: