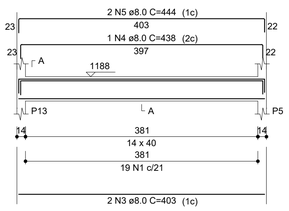
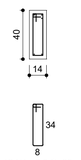
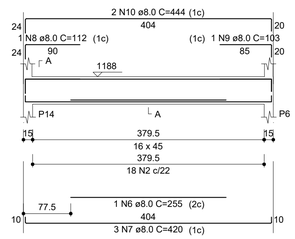
VF12 (14 x 40)
ESCALA 1:50



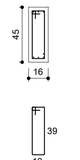
SEÇÃO A-A
ESCALA 1:25



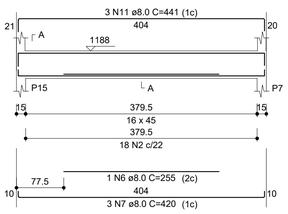
VF13 (16 x 45)
ESCALA 1:50



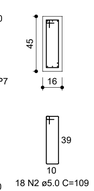
SEÇÃO A-A
ESCALA 1:25



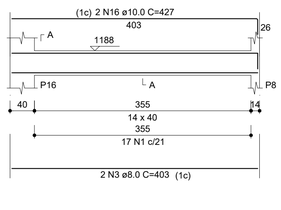
VF14 (16 x 45)
ESCALA 1:50



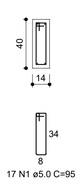
SEÇÃO A-A
ESCALA 1:25



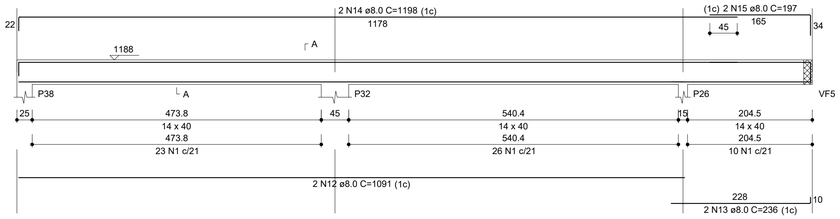
VF15 (14 x 40)
ESCALA 1:50



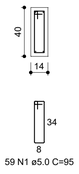
SEÇÃO A-A
ESCALA 1:25



VF16 (14 x 40)
ESCALA 1:50



SEÇÃO A-A
ESCALA 1:25



RELAÇÃO DO AÇO

VF12 VF13 VF14
VF15 VF16

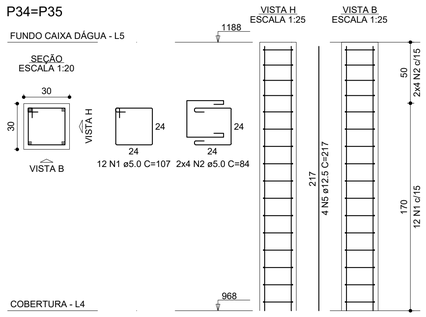
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	95	95	9025
	2	5.0	36	109	3924
CA50	3	8.0	4	403	1612
	4	8.0	1	438	438
	5	8.0	2	444	888
	6	8.0	2	255	510
	7	8.0	6	420	2520
	8	8.0	1	112	112
	9	8.0	1	103	103
	10	8.0	2	444	888
	11	8.0	3	441	1323
	12	8.0	2	1091	2182
	13	8.0	2	236	472
	14	8.0	2	1198	2396
	15	8.0	2	197	394
	16	10.0	2	427	854

RESUMO DO AÇO

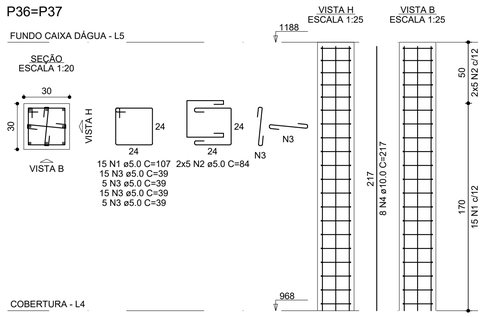
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	138.4	13	60.1
	10.0	8.5	1	5.8
CA60	5.0	129.5	12	22
PESO TOTAL (kg)				
CA50	65.9			
CA60	22			

Volume de concreto (C-30) = 1.63 m³
Área de forma = 23.58 m²

P34=P35



P36=P37



RELAÇÃO DO AÇO

2xP34 2xP36

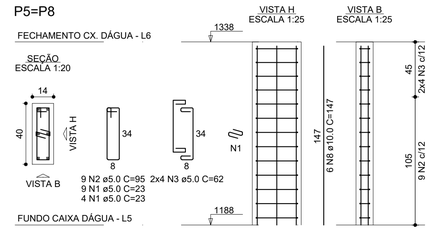
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	54	107	5778
	2	5.0	36	84	3024
	3	5.0	80	39	3120
CA50	4	10.0	16	217	3472
	5	12.5	8	217	1736

RESUMO DO AÇO

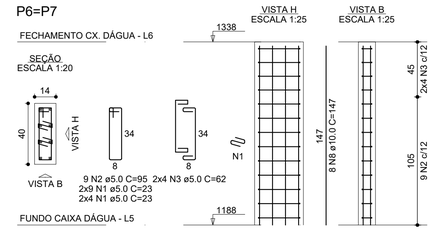
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	34.7	4	23.5
	12.5	17.4	2	18.4
CA60	5.0	119.2	11	20.2
PESO TOTAL (kg)				
CA50	41.9			
CA60	20.2			

Volume de concreto (C-30) = 0.79 m³
Área de forma = 10.56 m²

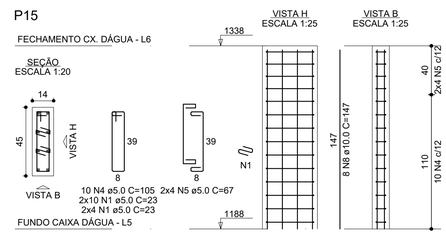
P5=P8



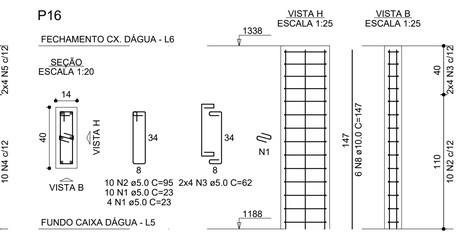
P6=P7



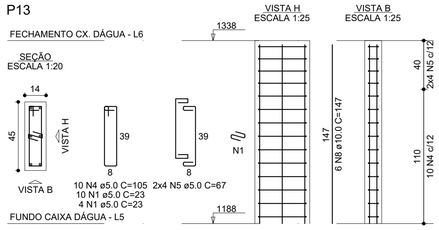
P15



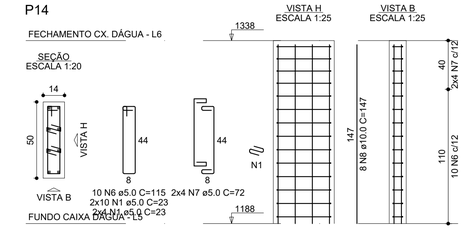
P16



P13

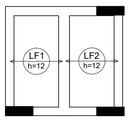


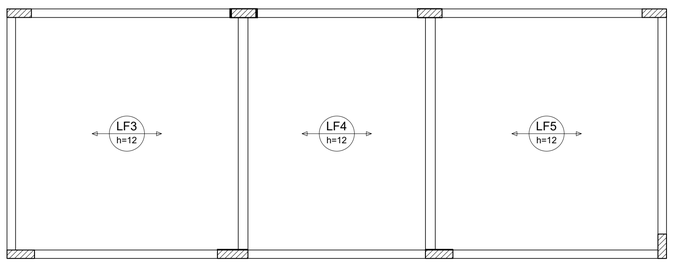
P14



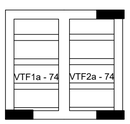
RELAÇÃO DO AÇO

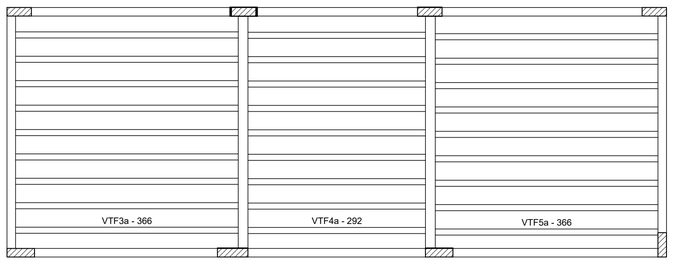
Volume de concreto (C-30) = 2.17 m³
Área de forma = 0.00 m²





Armação positiva das lajes do pavimento Fundo Caixa Dágua (Eixo X)
escala 1:50





Planta de vigotas pré-moldadas
escala 1:50

RELAÇÃO DO AÇO

2xP5 2xP6 P13
P14 P15 P16

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	162	23	3726
	2	5.0	46	95	4370
	3	5.0	40	62	2480
	4	5.0	20	105	2100
	5	5.0	16	67	1072
	6	5.0	10	115	1150
	7	5.0	8	72	576
CA50	8	10.0	56	147	8232

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	82.3	8	55.8
CA60	5.0	154.7	15	26.2
PESO TOTAL (kg)				
CA50	55.8			
CA60	26.2			

Volume de concreto (C-30) = 0.71 m³
Área de forma = 13.56 m²

N°	DISCRIMINAÇÃO DAS REVISÕES	DATA	APROVAÇÃO
<>	<>	<>	<>

Obra

Projeto
Yago Castelo Branco de Carvalho
1916859836

Proprietário

Projeto: Projeto Estrtural

Descriminoção: Planta de armação pilares lance 01

Folha: 02
Conj.: 26
Flo./Conj.: 4

Data: 08/12/2021
Escala: Indicada
Desenho: Yago Castelo
Conferência: Yago Castelo