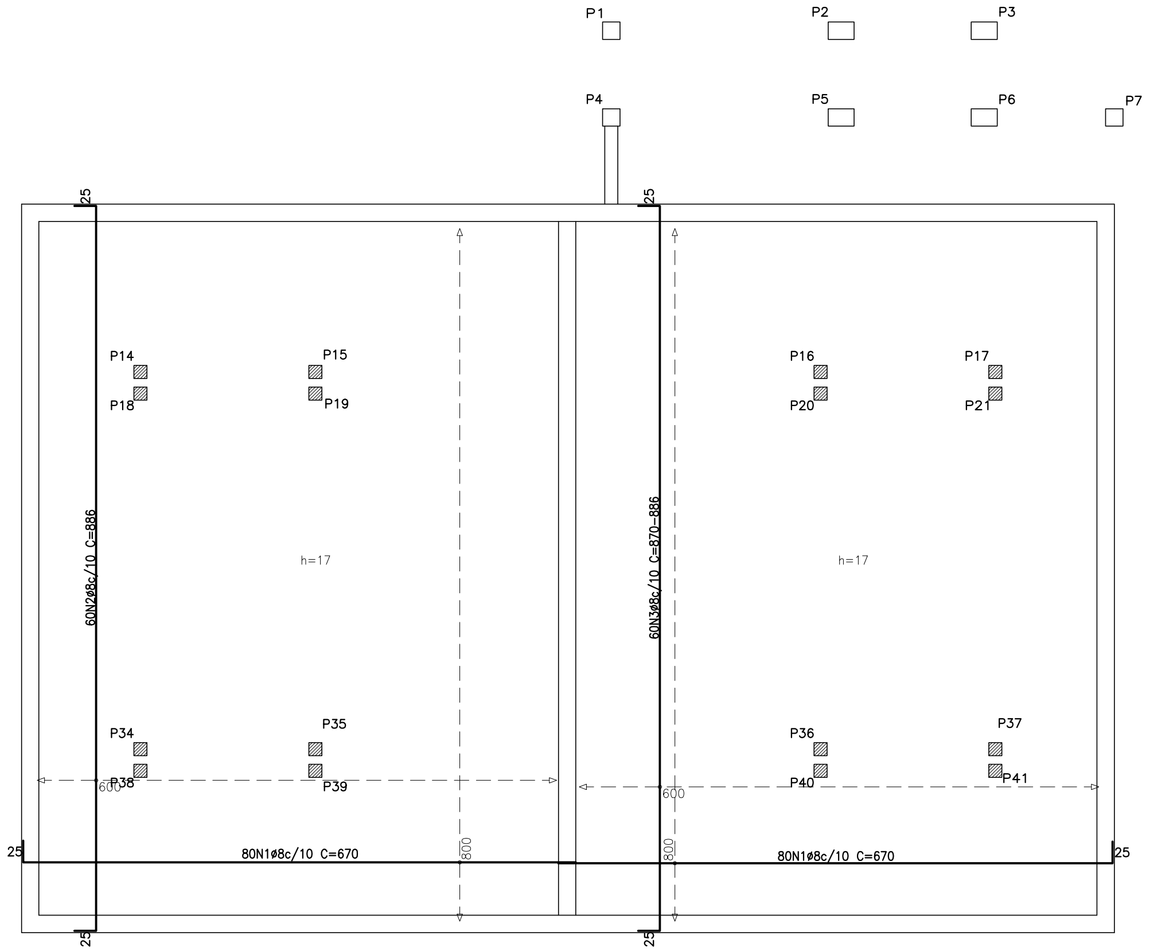
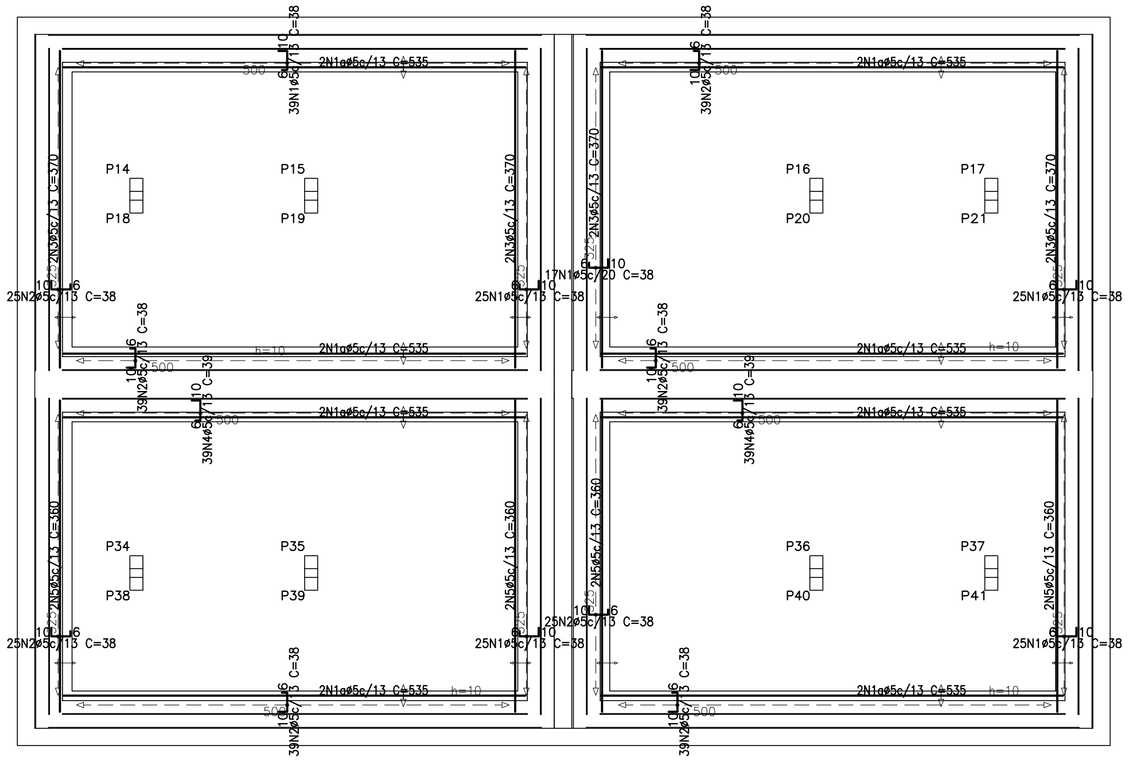
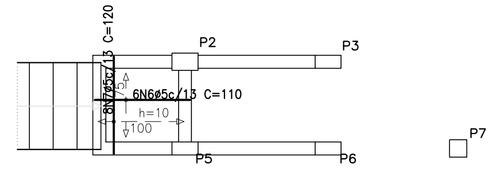


Nível -> -0.30 m (310,700)
ARMADURA LONG.TRANS.INFERIOR
Concreto: C25, usina.rigor
CA-50-A e CA-60-B
Escala: 1:50

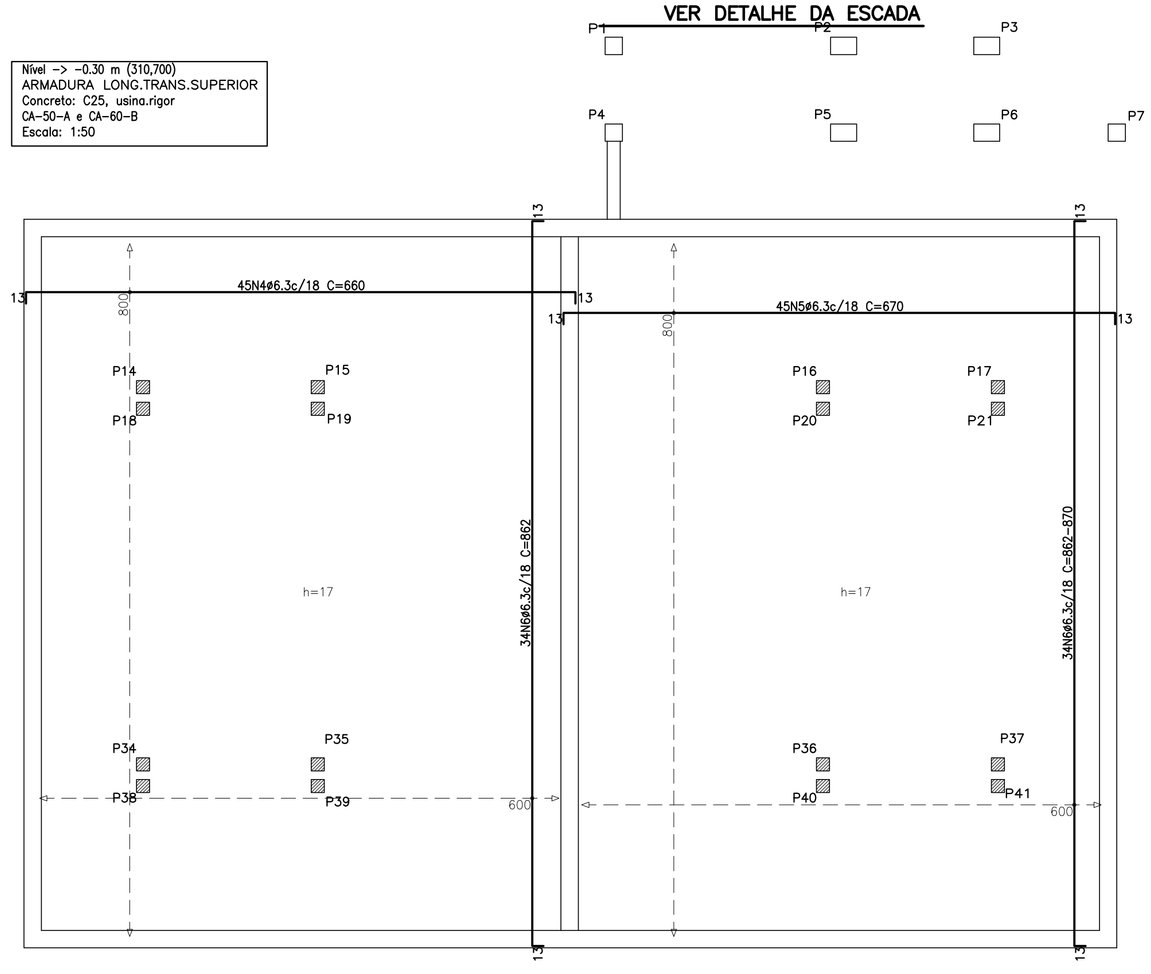
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
ARMADURA LONG.TRANS.INFERIOR	1	ø5	156	6	22	10	38	5928		9.3
	1a	ø5	8		535		535	4280		6.7
	2	ø5	270	10	22	6	38	10260		16.1
	3	ø5	8		370		370	2960		4.6
	4	ø5	78	6	23	10	39	3042		4.8
	5	ø5	8		360		360	2880		4.5
	6	ø5	6		110		110	660		1.0
	7	ø5	8		120		120	960		1.5
							Total+10%:			53.4
							ø5:		0.0	53.4
							Total:		0.0	53.4



Nível -> 1.99 m (312,990)
ARMADURA LONG.TRANS.INFERIOR
Concreto: C25, usina.rigor
CA-50-A e CA-60-B
Escala: 1:50

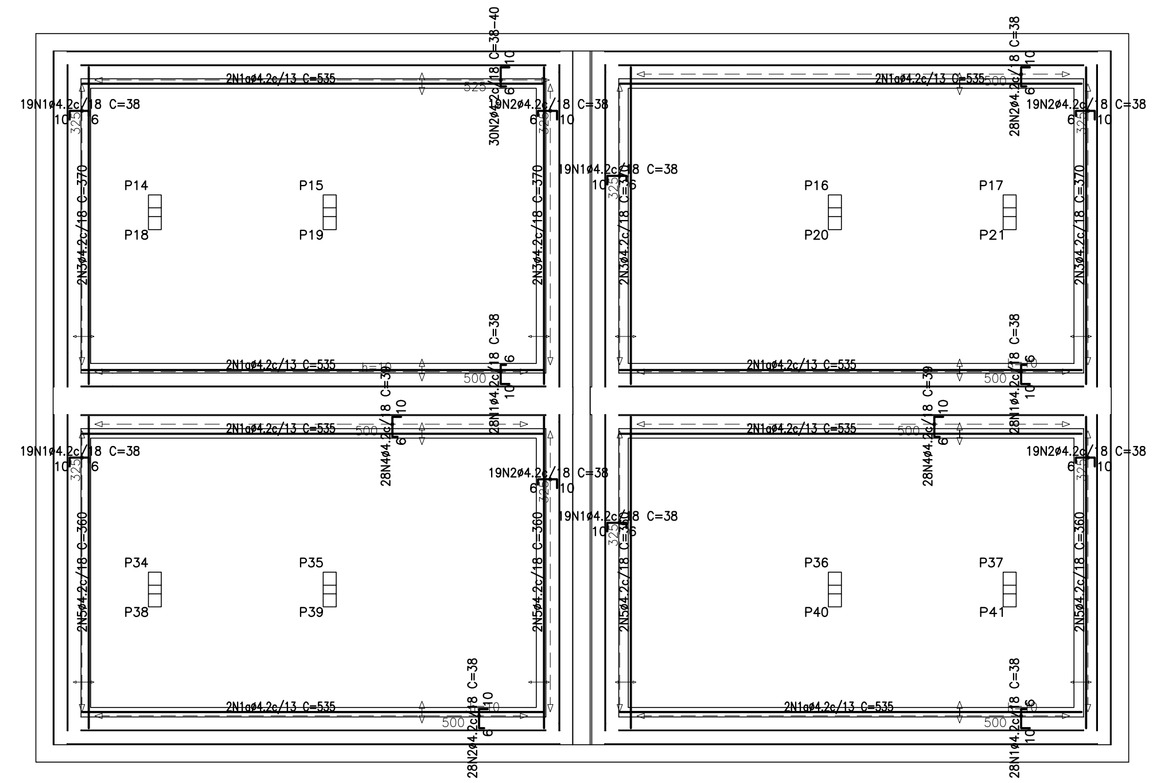


VER DETALHE DA ESCADA

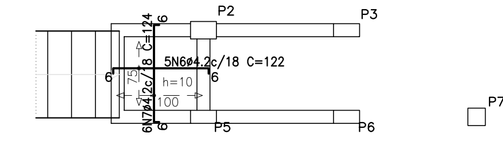


Nível -> -0.30 m (310,700)
ARMADURA LONG.TRANS.SUPERIOR
Concreto: C25, usina.rigor
CA-50-A e CA-60-B
Escala: 1:50

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
ARMADURA LONG.TRANS.INFERIOR	1	ø8	160	25	645		670	07200	420.8	
	2	ø8	60	25	836	25	886	53160	208.7	
	3	ø8	60	25	VAR.	25	VAR.	53100	208.4	
							Total+10%:		921.7	
ARMADURA LONG.TRANS.SUPERIOR	4	ø6.3	45	13	634	13	660	29700	73.4	
	5	ø6.3	45	13	644	13	670	30150	74.6	
	6	ø6.3	68	13	VAR.	13	VAR.	58616	144.9	
							Total+10%:		322.2	
							ø6.3:		322.2	0.0
							ø8:		921.7	0.0
							Total:		1243.9	0.0



Nível -> 1.99 m (312,990)
ARMADURA LONG.TRANS.SUPERIOR
Concreto: C25, usina.rigor
CA-50-A e CA-60-B
Escala: 1:50



Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
ARMADURA LONG.TRANS.SUPERIOR	1	ø4.2	160	10	22	6	38	6080		6.6
	1	ø4.2	8		535		535	4280		4.6
	2	ø4.2	162	6	22	10	38	6156		6.7
	3	ø4.2	8		370		370	2960		3.2
	4	ø4.2	56	6	23	10	39	2184		2.4
	5	ø4.2	8		360		360	2880		3.1
	6	ø4.2	5	6	110	6	122	610		0.7
	7	ø4.2	6	6	112	6	124	744		0.8
							Total+10%:			30.9
							ø4.2:		0.0	30.9
							Total:		0.0	30.9

LEGENDA:

NOTAS

ARTICULAÇÃO:

REVISÕES

Nº	NATUREZA DA REVISÃO	DATA	APROVO
00			
01			
02			
03			
04			
05			

CODEVASF

ELABORADO POR:

KL ENGENHARIA

MINISTÉRIO DA INTEGRAÇÃO NACIONAL - MI
COMPANHIA DE DESENVOLVIMENTO DOS VALES DO SÃO FRANCISCO E DO PARNAÍBA - CODEVASF

OBRA:
PROJETO BÁSICO DO SISTEMA DE ESGOTAMENTO SANITÁRIO DE OUROLANDIA - BA

ASSUNTO:
PROJETO ESTRUTURAL - DAFA
LAJES - FORMAS - 1ª PARTE

ENG. JOSÉ MENESCAL NETO	CREA 2066/D - CE	DATA: MARÇO/2009
ENG.	CREA	ESCALA: INDICADA
ENG.	CREA	ARQUIVO: 10-OUR-PB-EST-DAFA-R0