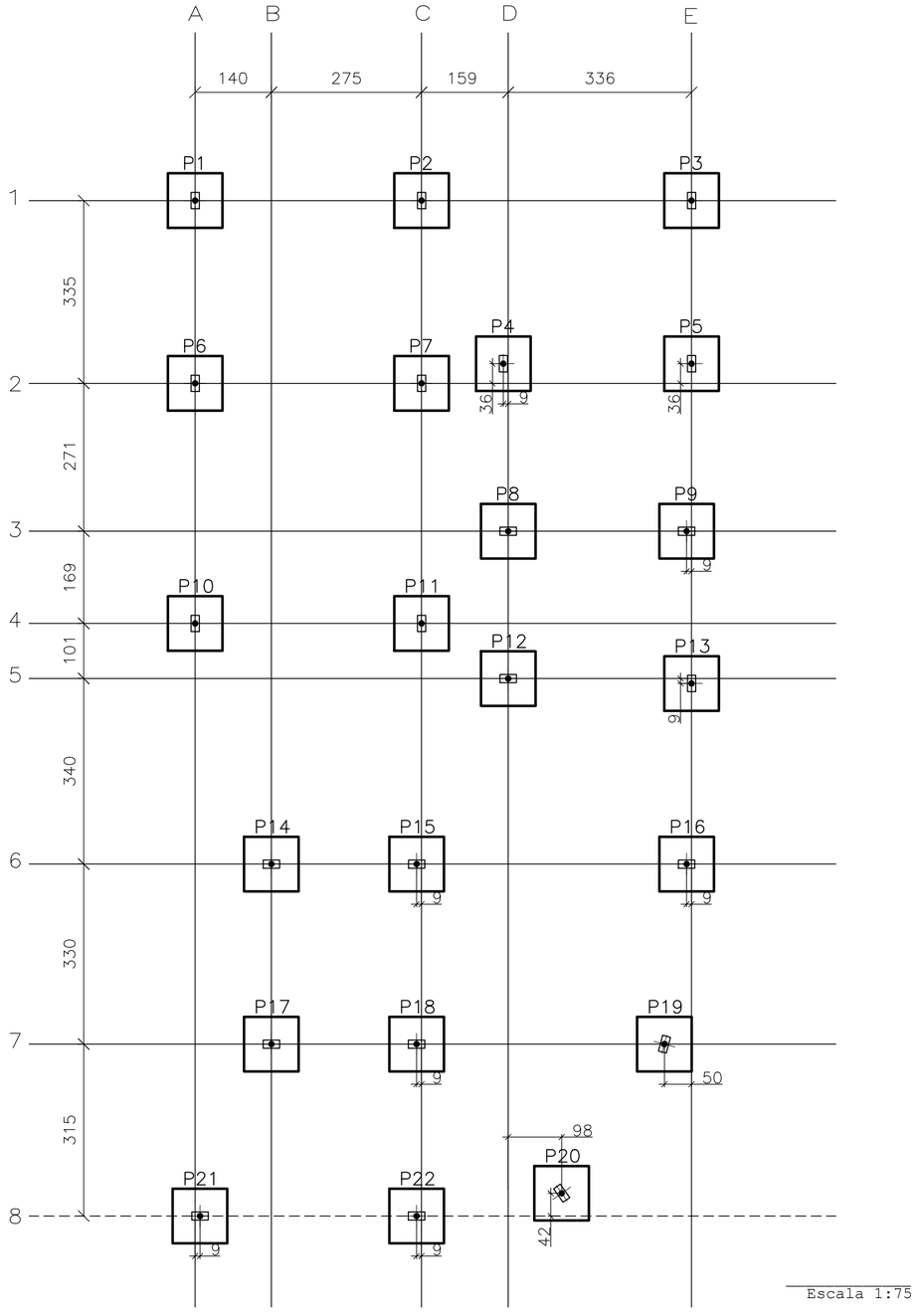
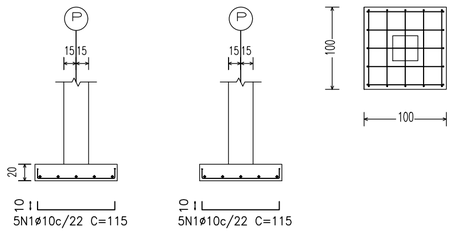


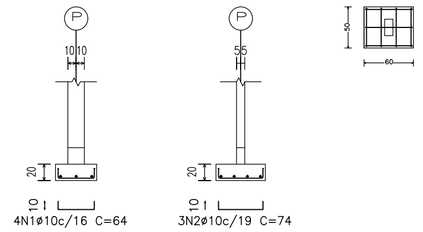
Escala 1:75

Sapatas P1 ao P22



Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x22 (cm)
CA-50-A	1	ø10	5	115	575	12650
CA-50-A	2	ø10	5	115	575	12650

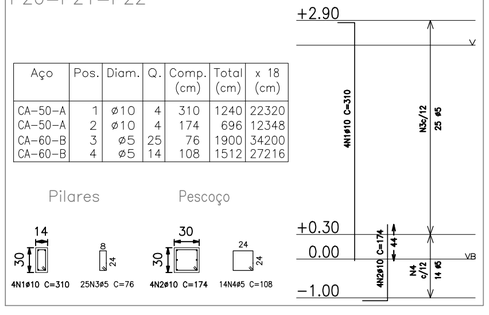
Sapatas 31 Pilares do Muro



Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x31 (cm)
CA-50-A	1	ø10	4	64	256	7936
CA-50-A	2	ø10	3	74	222	6882

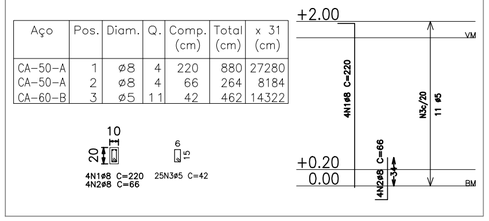
P01=P02=P03=P04=P05 P06=P07=P08=P09=P10 P11=P12=P13=P16=P19 P20=P21=P22

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x 18 (cm)
CA-50-A	1	ø10	4	310	1240	22320
CA-50-A	2	ø10	4	174	696	12348
CA-60-B	3	ø5	25	76	1900	34200
CA-60-B	4	ø5	14	108	1512	27216



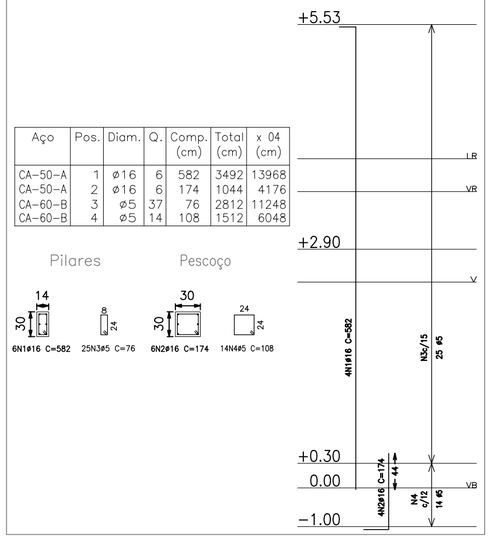
Pilares do Muro

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x 31 (cm)
CA-50-A	1	ø8	4	220	880	27280
CA-50-A	2	ø8	4	66	264	8184
CA-60-B	3	ø5	11	42	462	14322



P14=P15=P17=P18

Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x 04 (cm)
CA-50-A	1	ø16	6	582	3492	13968
CA-50-A	2	ø16	6	174	1044	4176
CA-60-B	3	ø5	37	76	2812	11248
CA-60-B	4	ø5	14	108	1512	6048



ESCALA 1/50

–OBSERVAÇÃO:

– LASTRO DE CONCRETO, PARA SAPATAS, E = 3CM

– Fck = 20MPa

PREFEITURA MUNICIPAL DE SANT'ANA DO LIVRAMENTO
SEPLAMA - SECRETARIA DE PLANEJAMENTO E MEIO AMBIENTE
DEPARTAMENTO DO PLANO DIRETOR
RUA SETE DE SETEMBRO, 515. CEP 97573-471. FONE: (55) 3968-1126

OBRA:

PROJETO:
ESTRUTURAL – SAPATAS E PILARES

ENDEREÇO:

RESPONSÁVEL TÉCNICO:
GUSTAVO FERNANDES – Eng. Civil – CREA RS 202748

PREFEITURA DE SANTANA DO LIVRAMENTO:
CNPJ: 88.124.961/0001-59

ESCALAS: INDICADAS

DATA: 06/2018

PRANCHA: E1/3