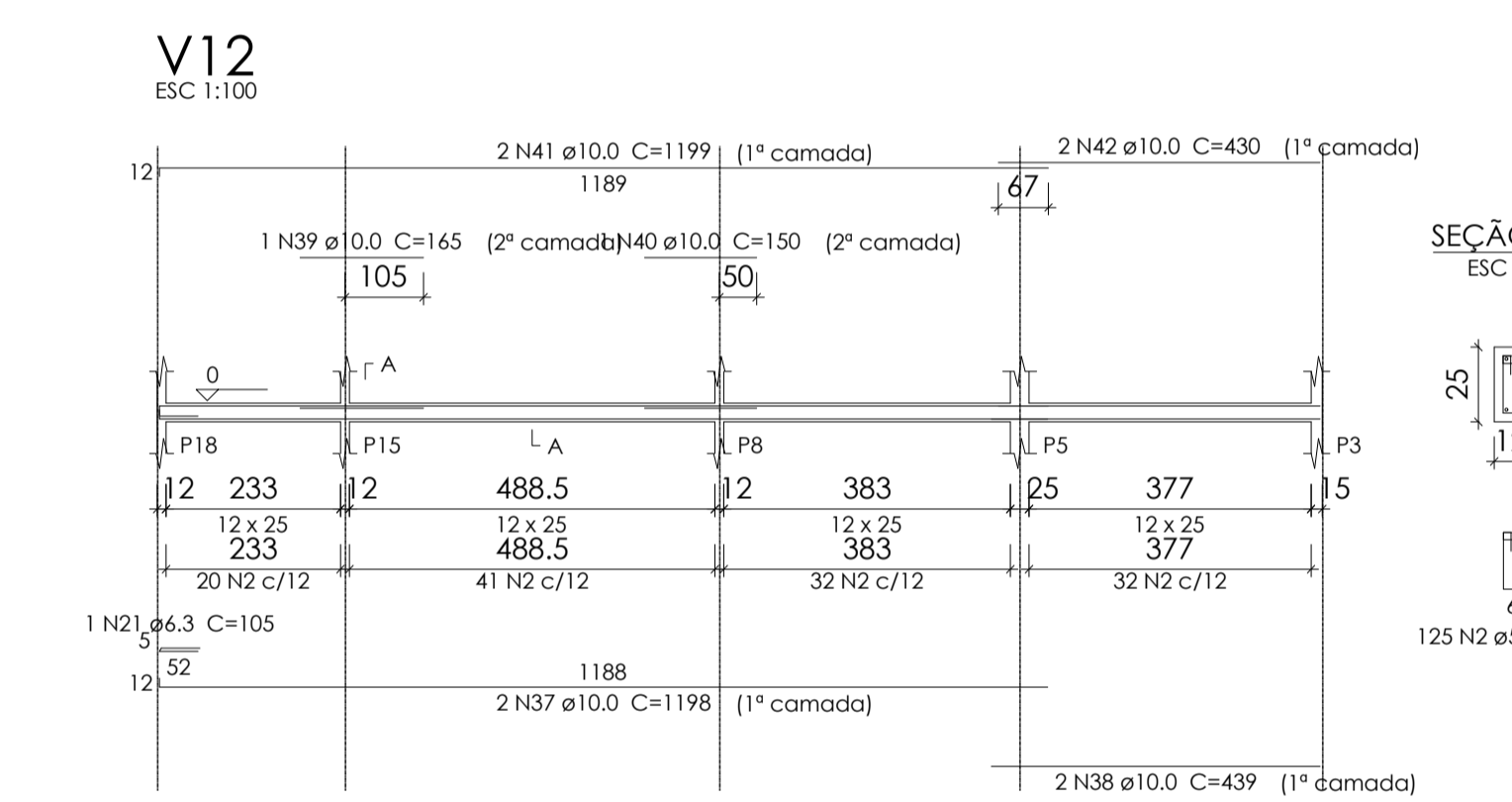
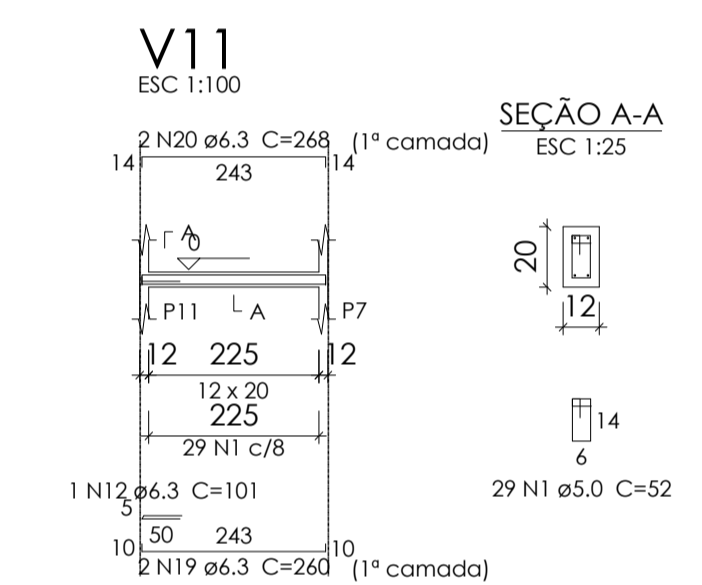
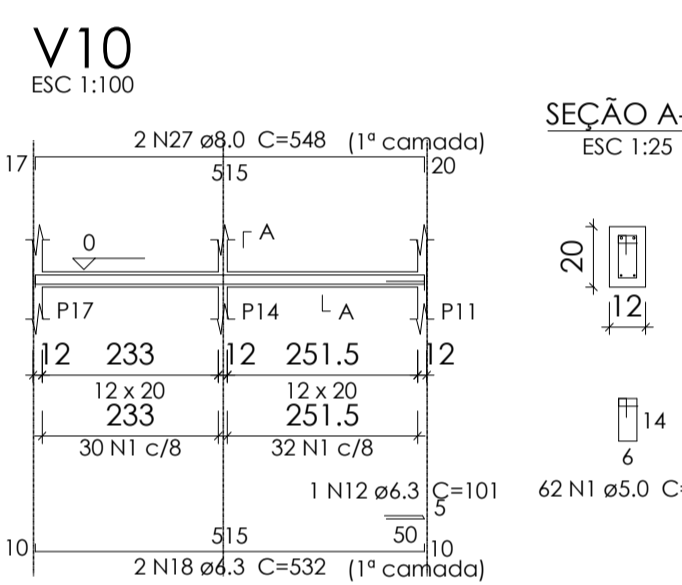
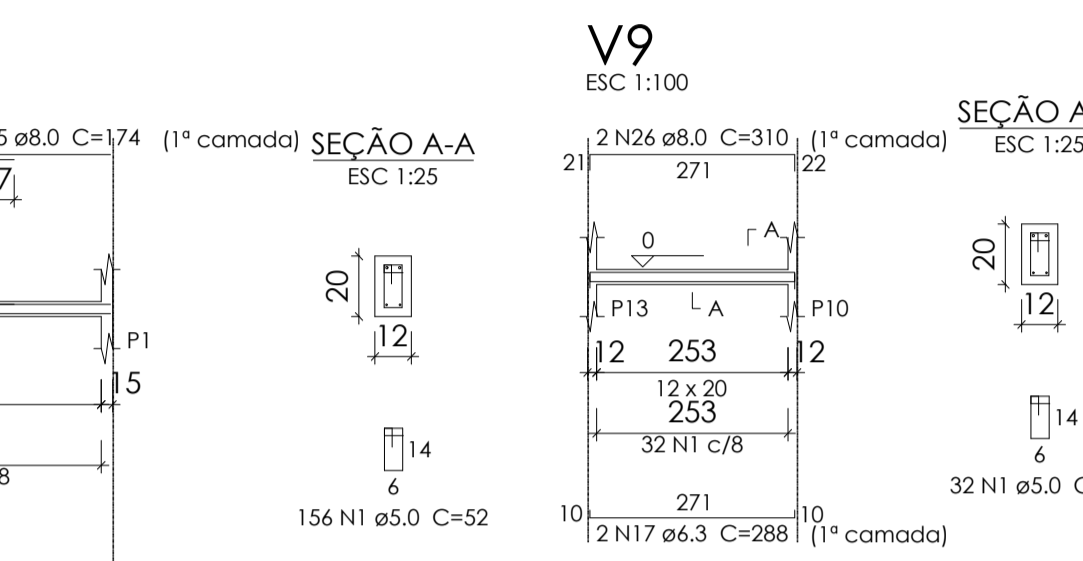
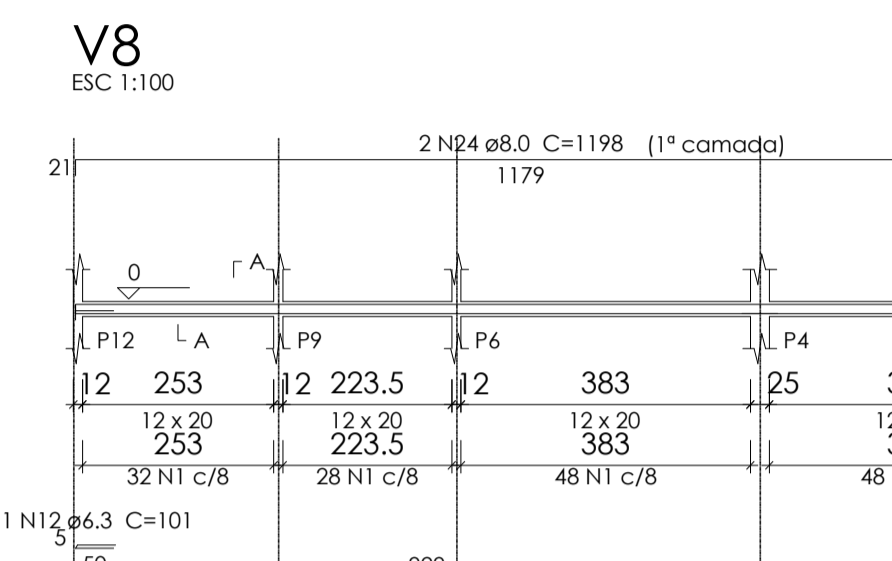
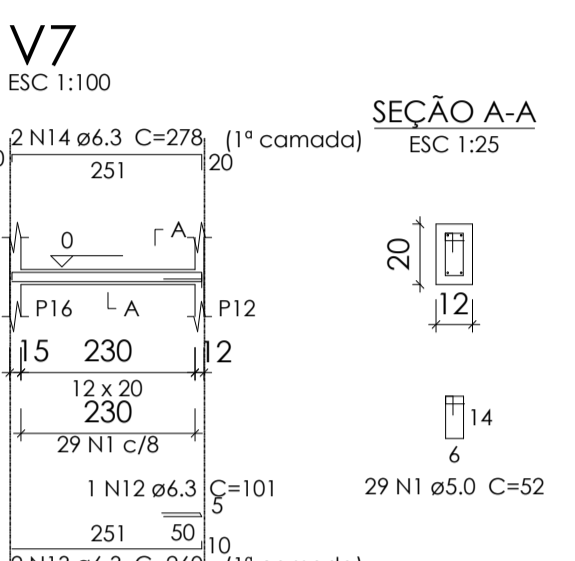
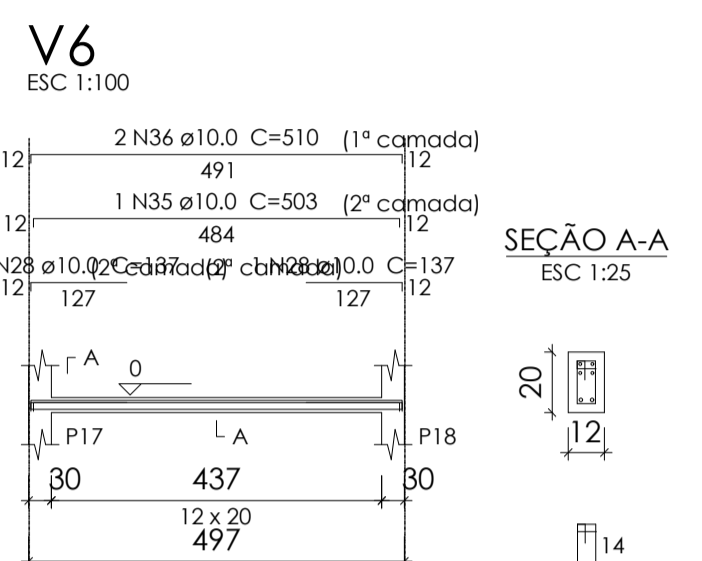
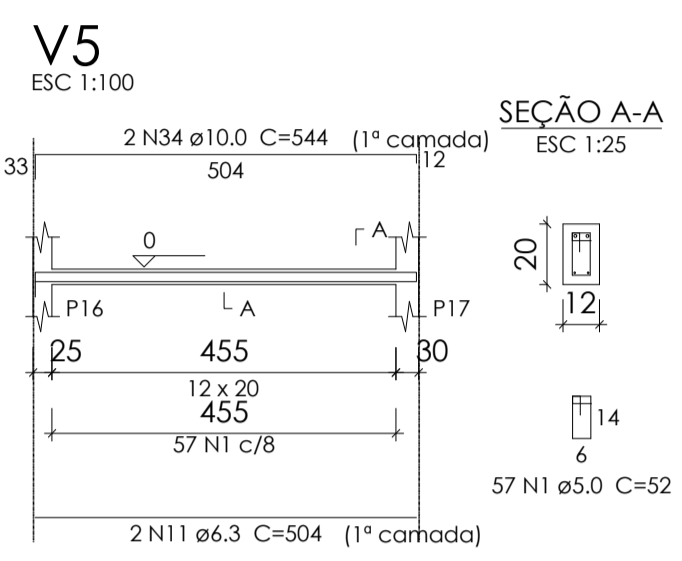
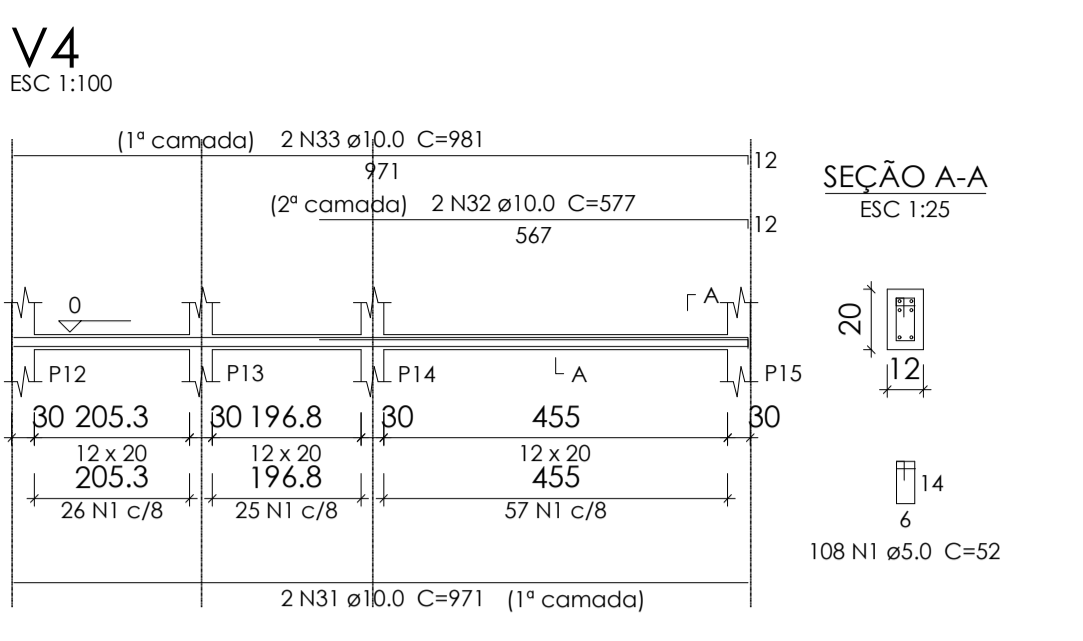
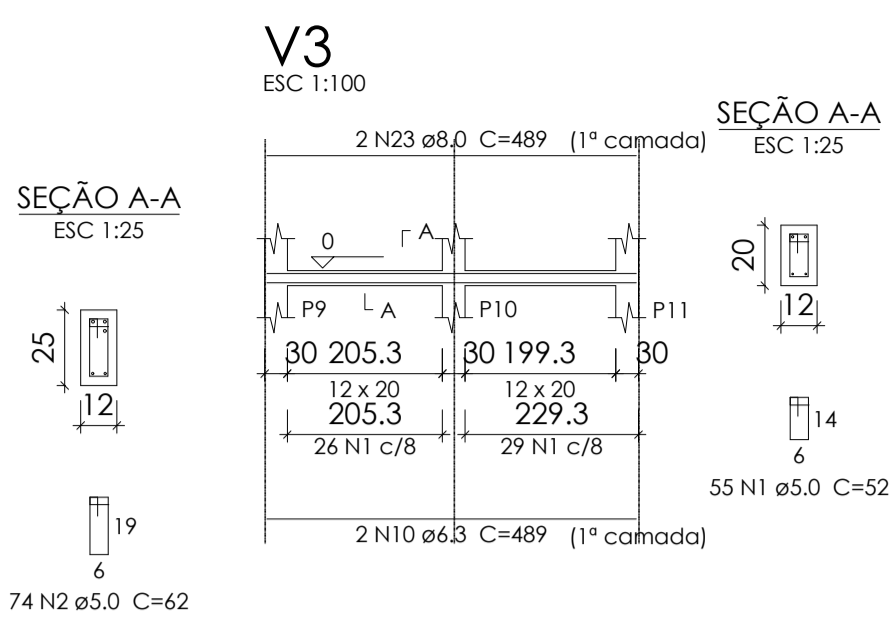
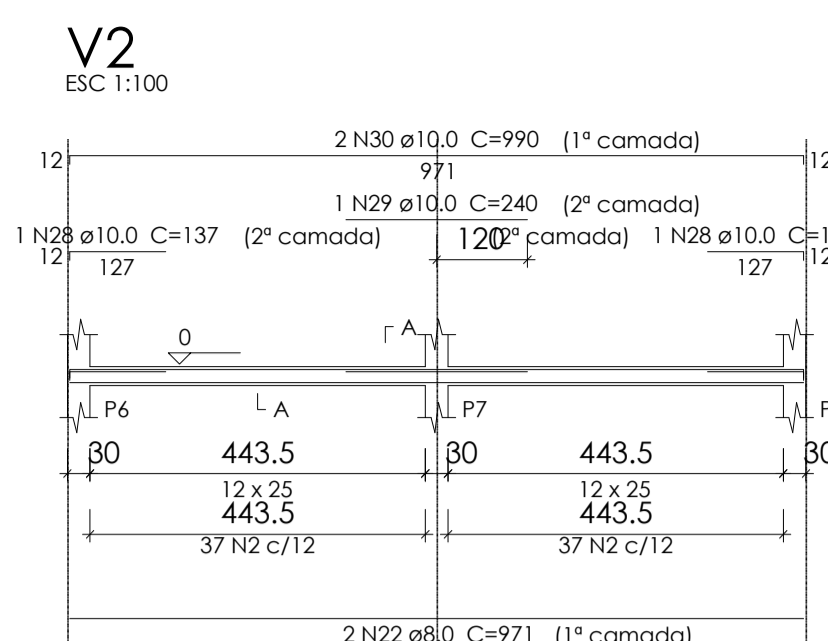
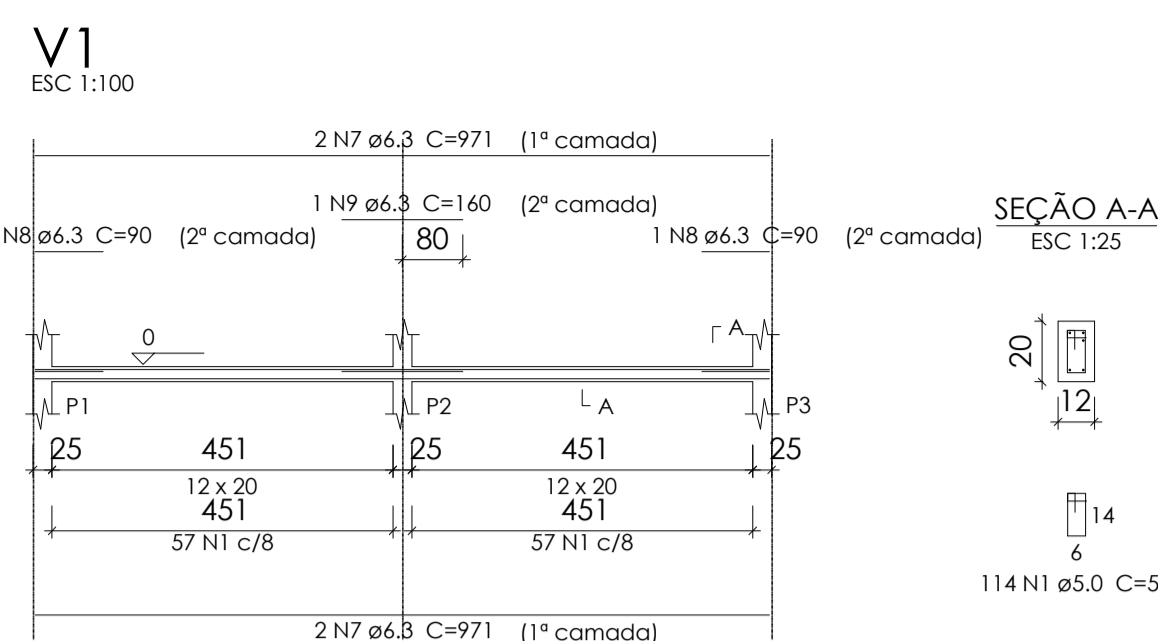


Forma do pavimento Térreo
escala 1:50



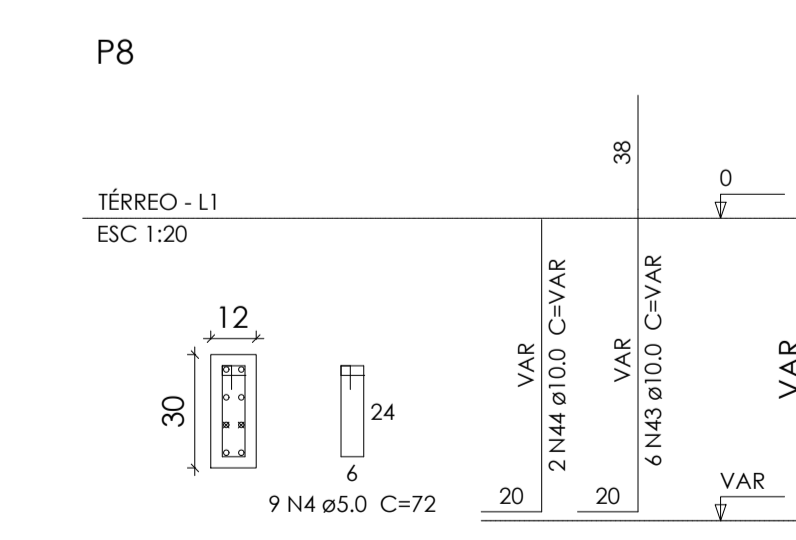
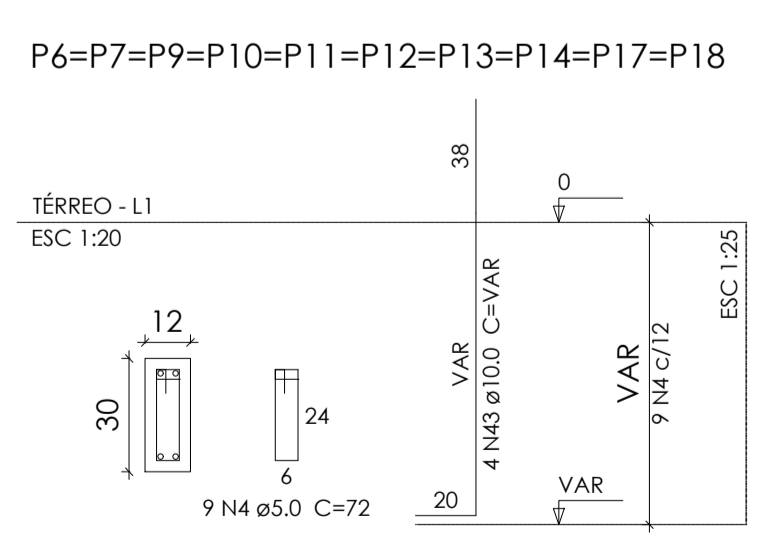
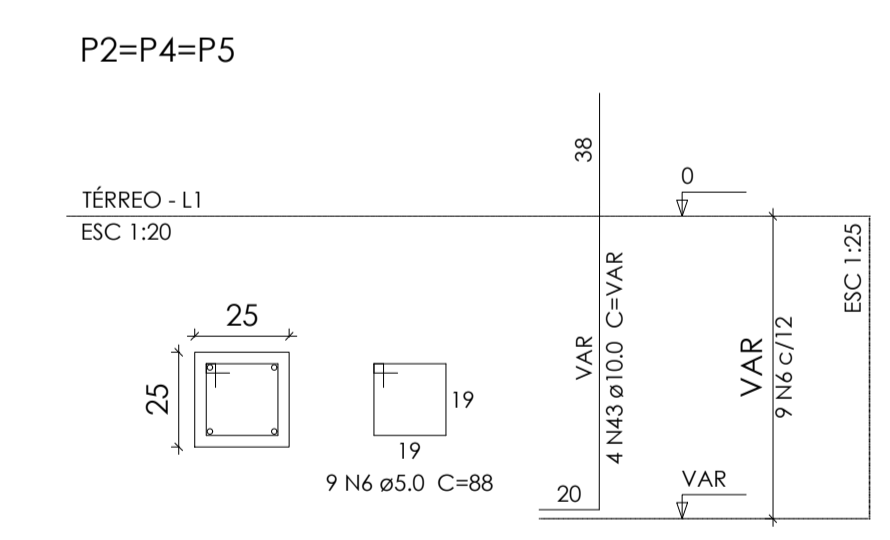
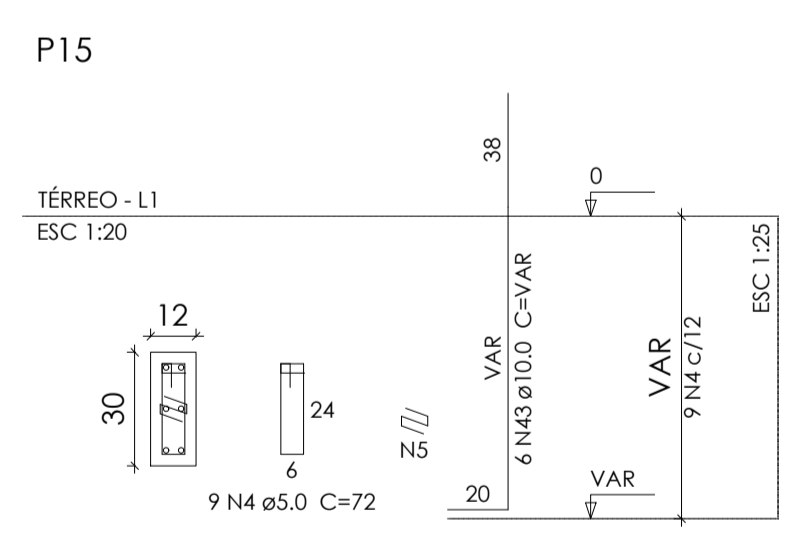
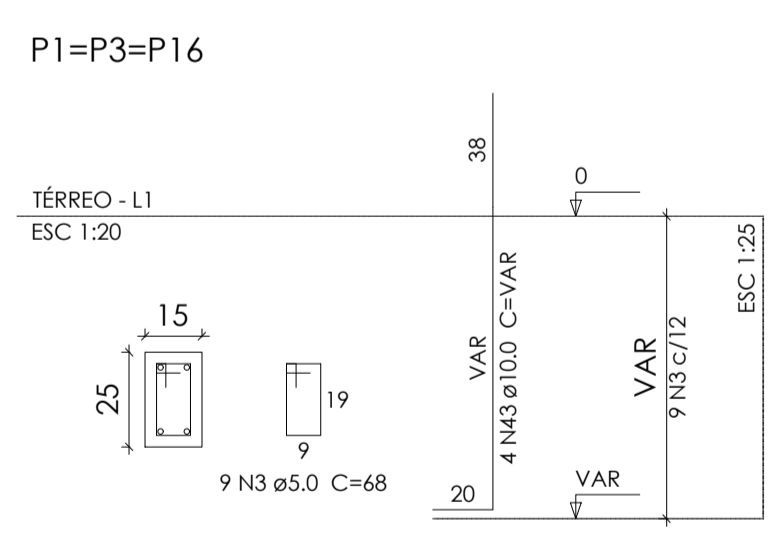
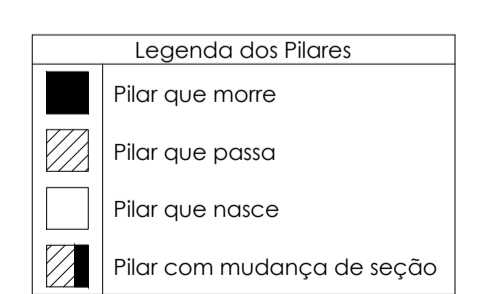
Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	713	52	37074
	2	5.0	199	42	12338
	3	5.0	27	68	1836
	4	5.0	108	72	7776
	5	5.0	9	21	189
	6	5.0	27	88	2376
	7	6.3	4	971	3884
	8	6.3	2	90	180
	9	6.3	1	140	140
	10	6.3	2	489	978
	11	6.3	2	504	1008
	12	6.3	4	101	404
	13	6.3	2	260	520
	14	6.3	2	278	556
	15	6.3	2	938	1876
	16	6.3	2	425	850
	17	6.3	2	288	576
	18	6.3	2	532	1064
	19	6.3	2	260	520
	20	6.3	2	268	536
	21	6.3	1	105	105
	22	8.0	2	971	1942
	23	8.0	2	489	978
	24	8.0	2	1198	2396
	25	8.0	2	174	348
	26	8.0	2	310	620
	27	8.0	2	548	1096
	28	10.0	4	137	548
	29	10.0	1	240	240
	30	10.0	2	990	1980
	31	10.0	2	971	1942
	32	10.0	2	577	1154
	33	10.0	2	981	1962
	34	10.0	2	544	1088
	35	10.0	1	503	503
	36	10.0	2	510	1020
	37	10.0	2	1198	2396
	38	10.0	2	439	878
	39	10.0	1	165	165
	40	10.0	1	150	150
	41	10.0	2	1199	2398
	42	10.0	2	430	860
	43	10.0	76	VAR	VAR
	44	10.0	2	VAR	VAR
	45	12.5	2	491	982

Pilares				Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)	Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15 x 25	0	0	V1	12x20	0	0
P2	25 x 25	0	0	V2	12x25	0	0
P3	15 x 25	0	0	V3	12x20	0	0
P4	25 x 25	0	0	V4	12x20	0	0
P5	25 x 25	0	0	V5	12x20	0	0
P6	12 x 30	0	0	V6	12x20	0	0
P7	12 x 30	0	0	V7	12x20	0	0
P8	12 x 30	0	0	V8	12x20	0	0
P9	12 x 30	0	0	V9	12x20	0	0
P10	12 x 30	0	0	V10	12x20	0	0
P11	12 x 30	0	0	V11	12x20	0	0
P12	12 x 30	0	0	V12	12x25	0	0
P13	12 x 30	0	0				
P14	12 x 30	0	0				
P15	12 x 30	0	0				
P16	15 x 25	0	0				
P17	12 x 30	0	0				
P18	12 x 30	0	0				

Características dos materiais

fck	Ecs
250	238000



Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	1322	35.6
	8.0	73.8	32
	10.0	293.7	199.2
	12.5	9.9	10.4
CA60	5.0	616	104.4
PESO TOTAL			
CA50		277.2	
CA60		104.4	

Vol. de concreto total (C-25) = 2.95 m³
Área de forma total = 62.77 m²

Construção de Cozinha e Refeitório

TÍTULO:

Construção de Cozinha e Refeitório

PROJETO:

ESTRUTURAL

FOLHA:

02/04

DATA:

05.03.2020

PROPRIETÁRIO(A):

Prefeitura Municipal de Porto dos Gaúchos

ENDEREÇO DA OBRA:

Praça Leopoldina Wilke, Porto dos Gaúchos - MT

CPF / CNPJ:

03.204.187/0001-33

TELEFONE:

(66) 3526-2011

TIPO DA OBRA:

Construção de Cozinha e Refeitório

ASSINATURAS:

RESPONSÁVEL TÉCNICO:
EVELIN LUANI MONTAGNA
CREAM-MT 039125

APROVAÇÃO:

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE PORTO DOS GAÚCHOS
CNPJ: 03.204.187/0001-33