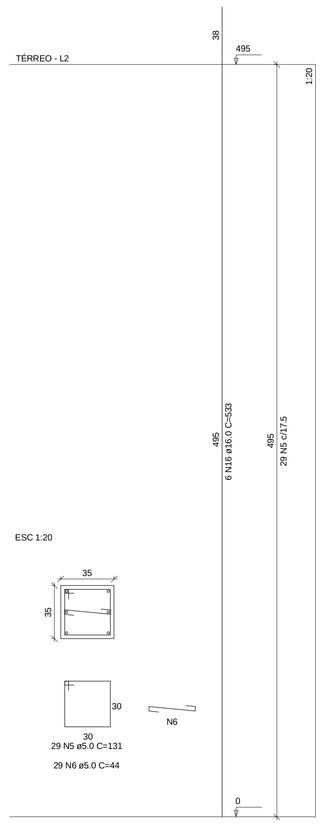
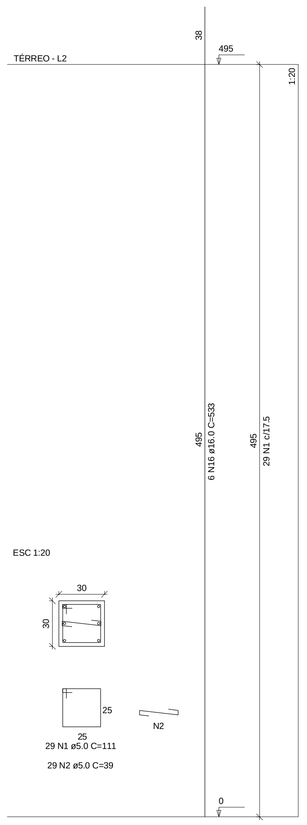
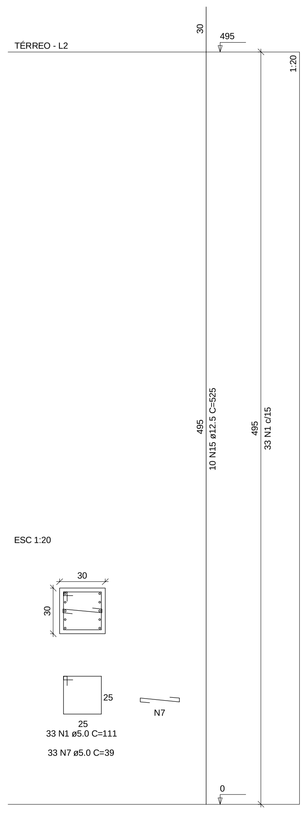
P32=P35=P38=P45



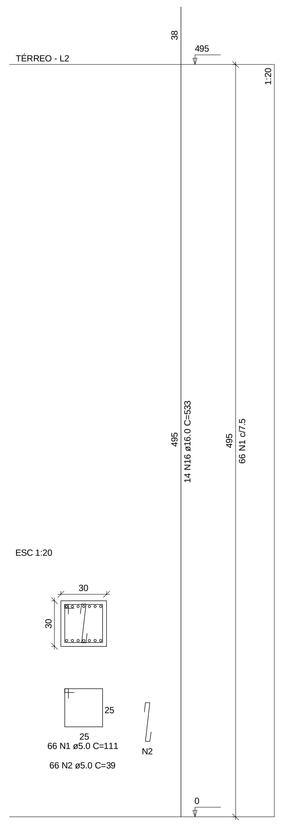
P33=P46



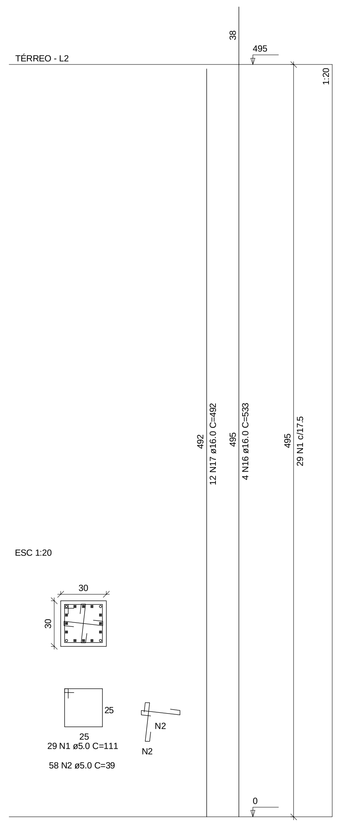
P36=P39



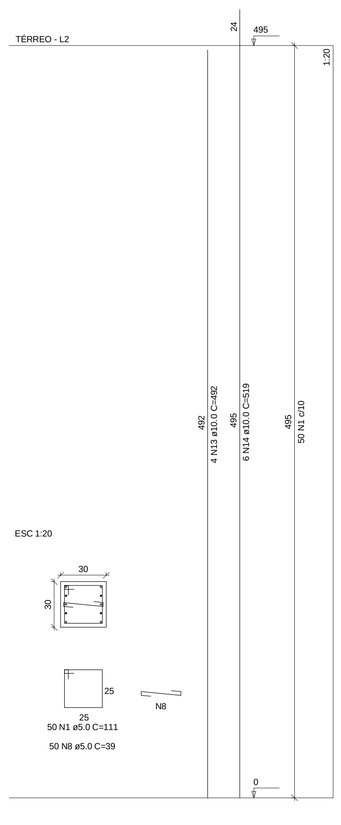
P4



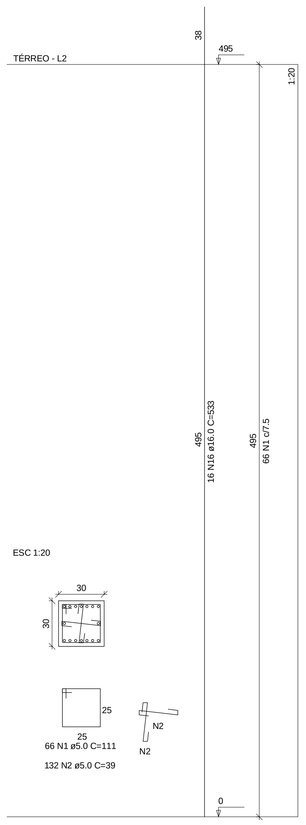
P41



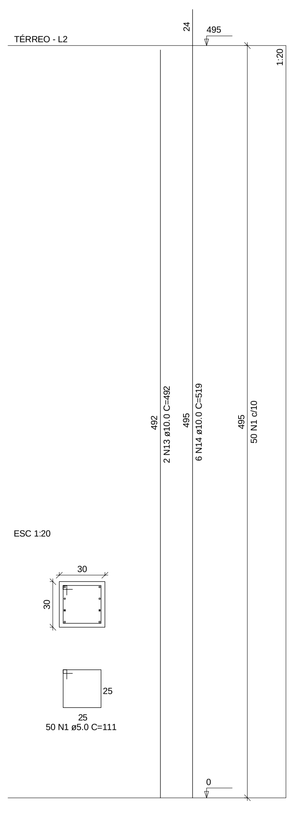
P42



P43



P44



RELAÇÃO DO AÇO

P4	6xP8	2xP9
4xP32	2xP33	2xP36
P41	P42	P43
P44	P48	P54
P56	P58	P60
P61	P63	P66

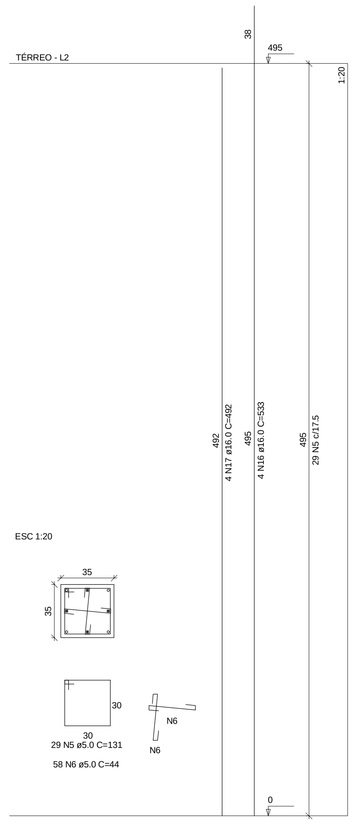
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	649	111	72039
	2	5.0	314	39	12246
	3	5.0	332	111	36852
	4	5.0	282	29	8178
	5	5.0	145	131	18995
	6	5.0	174	44	7656
	7	5.0	66	39	2574
	8	5.0	50	39	1950
	9	5.0	50	29	1450
	10	5.0	29	211	6119
	11	5.0	29	68	1972
	12	5.0	29	58	1682
50	13	10.0	6	492	2952
	14	10.0	12	519	6228
	15	12.5	44	525	23100
	16	16.0	232	533	123656
	17	16.0	16	492	7872

RESUMO DO AÇO

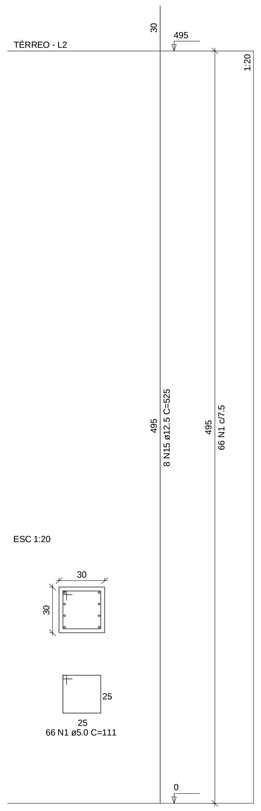
AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	10.0	91.8	62.3
	12.5	231.0	244.9
	16.0	1315.3	2285.7
CA60	5.0	1721.3	291.6
PESO TOTAL			
CA50	2592.9		
CA60	291.6		

Vol. de concreto total (C-25) =14.27 m³
Área de forma total = 182.16 m²

P48

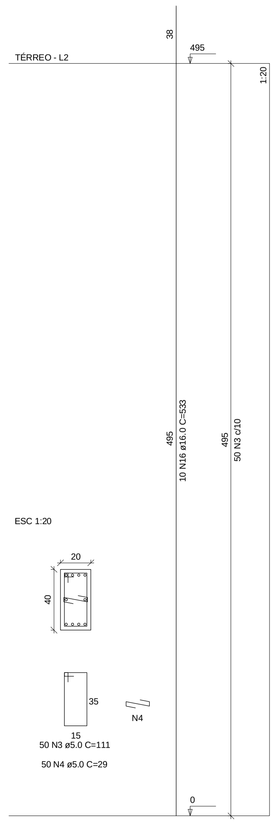


P54

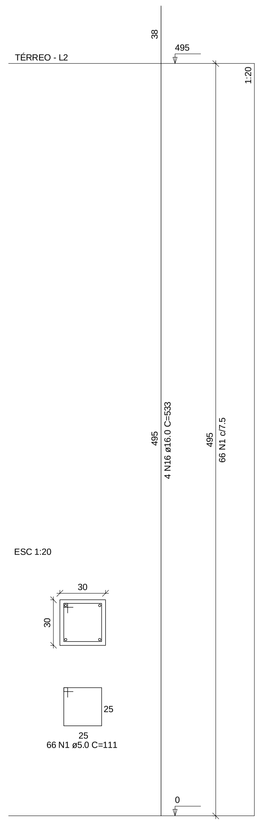


P56

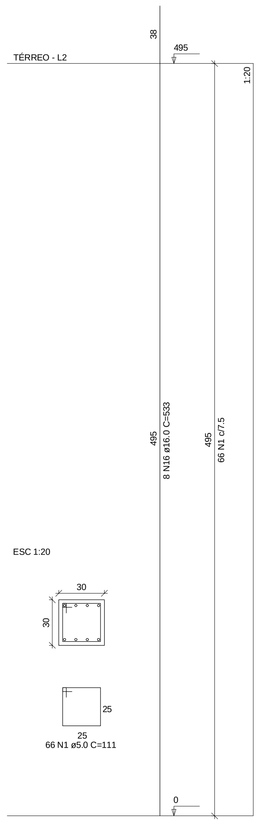
P58



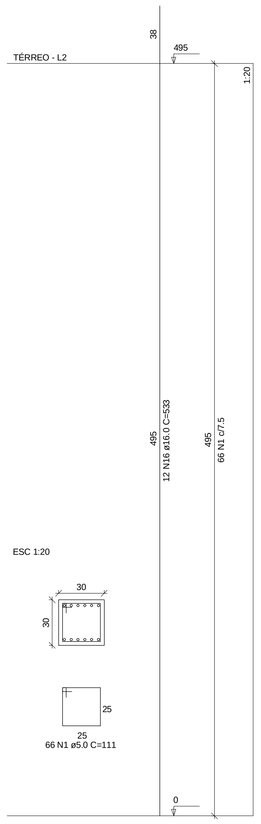
P60



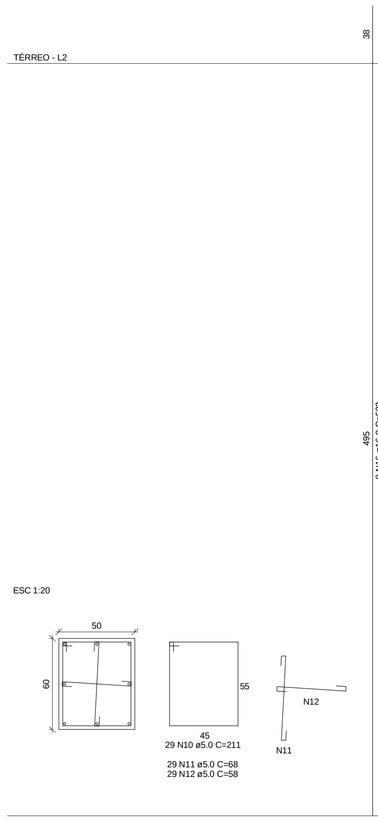
P61



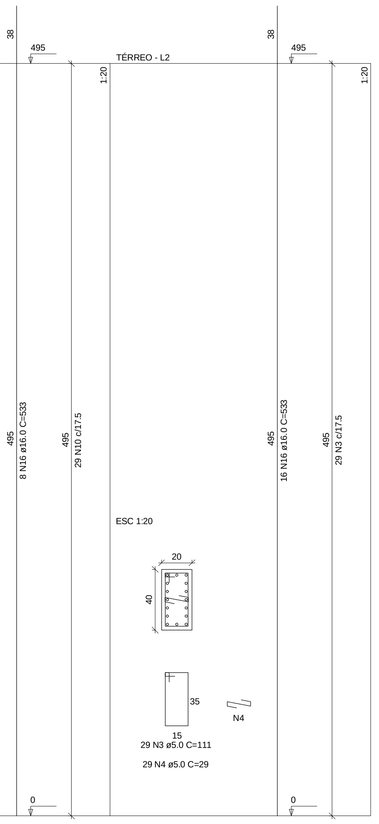
P63



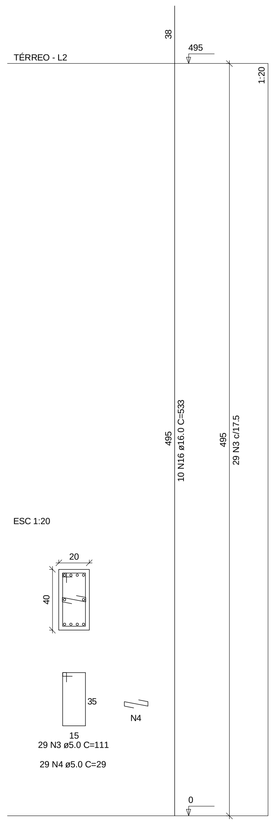
P66



P8=P11=P12=P13=P57=P59



P9=P14



ARCHICAD ARQUITETURA, ENGENHARIA E SERVIÇOS	COORDENADOR DO PROJETO	CREA	DATA / CONFERIDO
	ARQº MARCELO CORREA PIRES	6792/D	22/03/2010
	RESPONSAVEL TÉCNICO	CREA	DATA / CONFERIDO
	ENGº ANDRÉ FERNANDO DA SILVA	78499/D	22/03/2010
	SITIO: BIBLIOTECA		
ESCALA: INDICADA	DATA: 29/06/2010	DESENHISTA: ANDRÉ	
	ESPECIALIDADE/SUBESPECIALIDADE: ESTRUTURA / CONCRETO ARMADO		
AUTOR DO PROJETO	CREA	REQ	TIPO/ESPECIFICAÇÃO DO DOCUMENTO: DEALHES DE PILARES - TÉRREO
RESPONSÁVEL PROJETO	CREA	REQ	TIPO DE OBRA: PROJETO / CLASSE DO PROJETO: EXECUTIVO
ELABORAÇÃO	LIBERADO		SUBSTITUI A / SUBSTITUI POR
APROVADO	NÚMERO DA MAPOTECA		CODIFICAÇÃO: CF.XXXXXXXXX

Your complimentary use period has ended. Thank you for using PDF Complete.
Click here to upgrade to Unlimited Pages and Expanded Features