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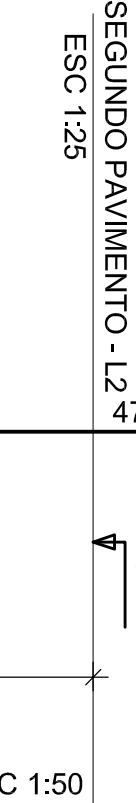
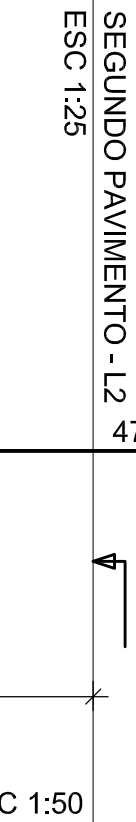
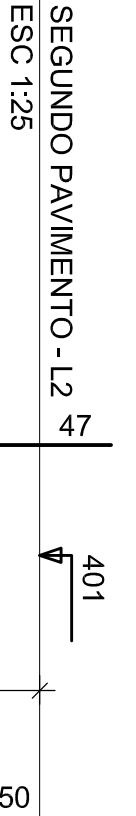
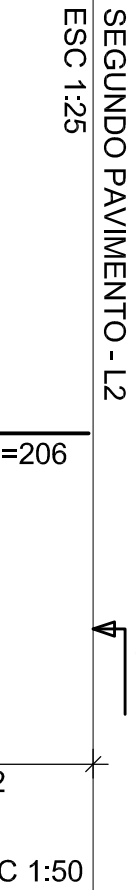
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P34=P39=P44=P45
P46=P48=P52=P57=P63

P14=P15

P19

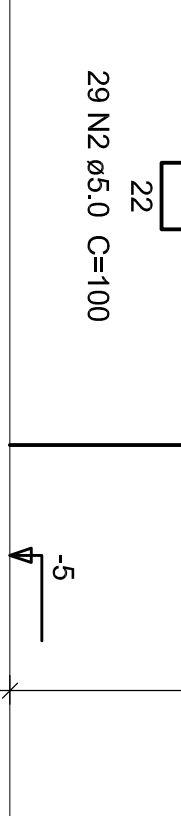
P50=P65

Relação do aço



ÁÇO	N	DIAM	Q	UNIT	C.TOTAL
CA60	1	5.0	444	60	26640
	2	5.0	1581	100	158100
	3	5.0	56	135	7560
	4	5.0	35	62	2170
	5	5.0	198	72	14256
	6	5.0	68	80	5440
	7	5.0	68	88	5984
	8	5.0	29	142	4118
	9	5.0	34	92	3128
	10	10.0	8	206	1648
	11	10.0	24	403	9672
	12	10.0	228	444	101232
	13	10.0	4	139	556
	14	10.0	4	271	1084
	15	12.5	84	453	38052
	16	16.0	8	466	3728

18 N1 ø5.0 C=60



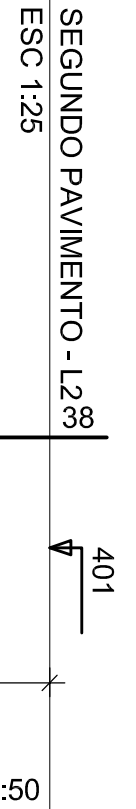
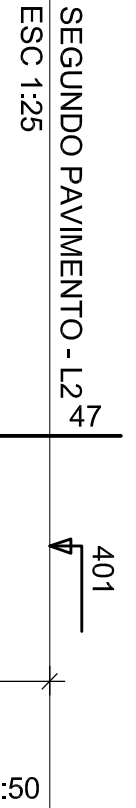
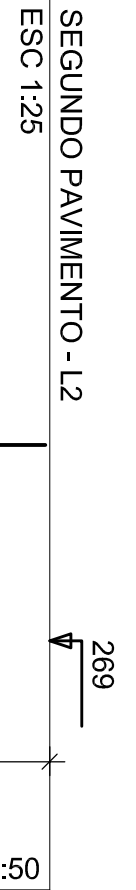
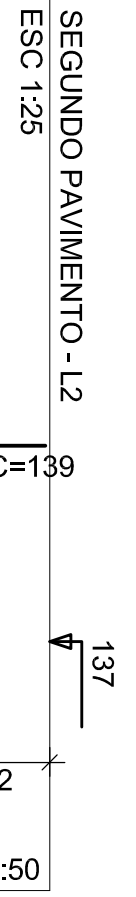
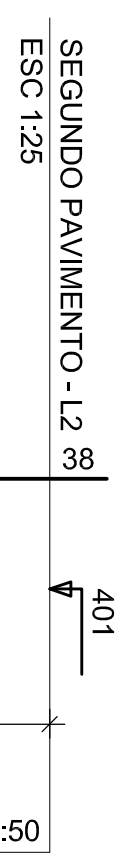
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P23

P24

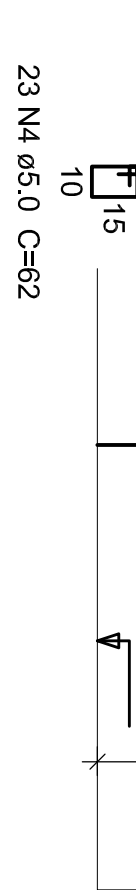
P25

P26=P27=P28=P29=P30



ÁÇO	DIAM	C.TOTAL	PESO
CA50	10.0	1142	704
	12.5	380.6	386.6
	16.0	37.3	58.8
CA60	5.0	2274	350.5
PESO TOTAL			
CA50			1129.4
CA60			350.5

Vol. de concreto total (C-20) = 19,72 m³
Área de forma total = 305,98 m²

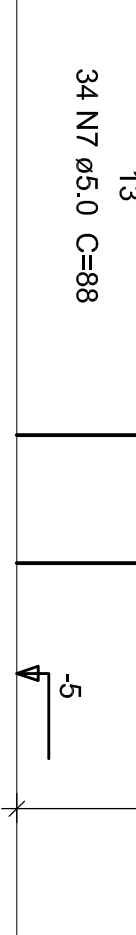
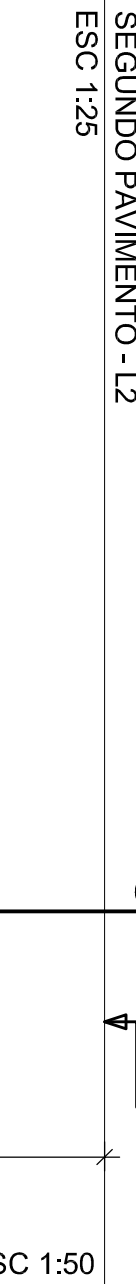
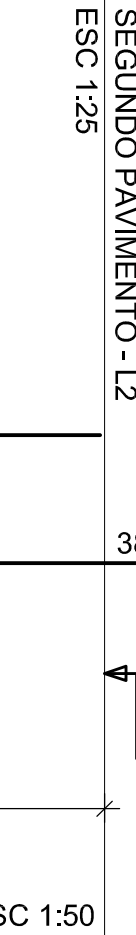
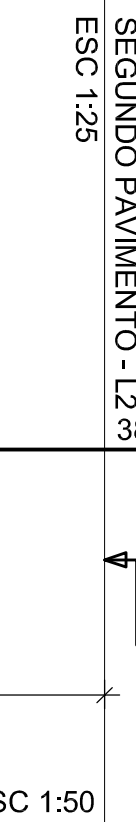
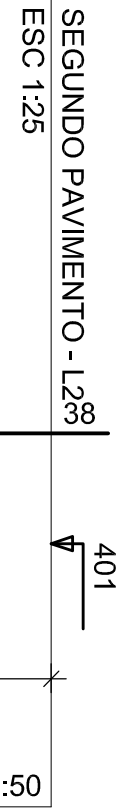


P3=P4=P5=P6=P7=P8=P73
P74=P75=P76=P77=P78

P38=P51

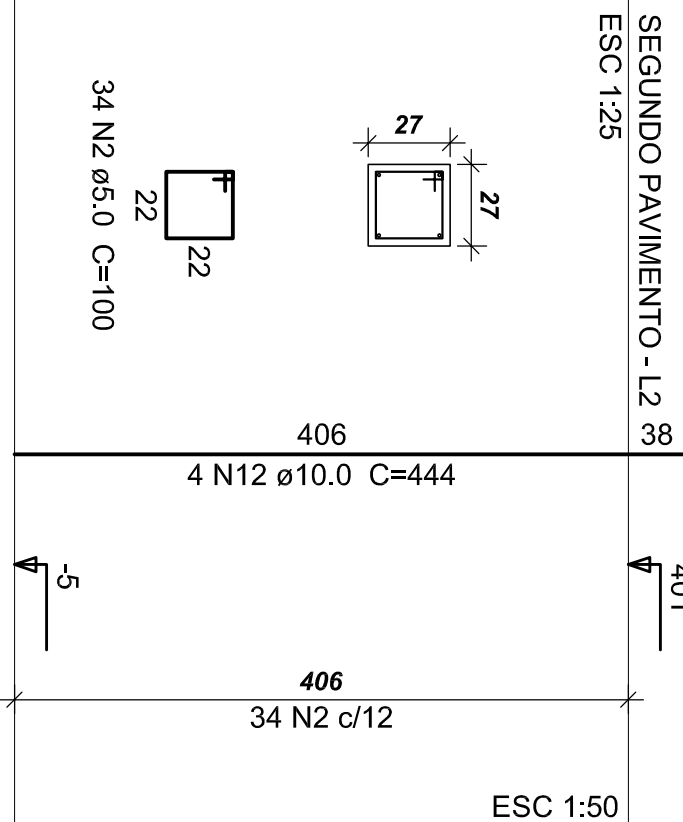
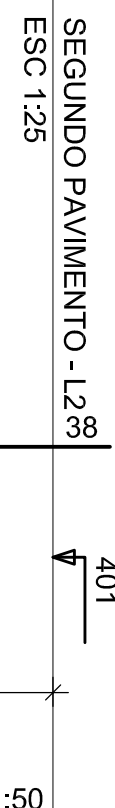
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P64



P66

P9=P10=P13=P16=P20=P22=P32=P35=P36=P37
=P40=P41=P42=P43=P47=P49=P53=P54=P55
=P56=P60=P61=P62=P68=P69=P70=P72



COT 1		18.06.2013		PROJETO ESTRUTURAL	
Nº		2016		RESPONSÁVEL	
Nº		2016		DESCRIÇÃO DA RESERVA	
As Built Engenharia de Projetos Ltda					
Rua Jonião do Rosário, 1564 - Boa Vista					
CEP 82560-435 - Curitiba - Paraná					
asbuiltproj@asbuilt.com.br - (41) 3086-4848					
PÁGINA					
PROJETO ESTRUTURAL					
CONFERIR MEDIDAS NA OBRA					
OBRA:					
ADMINISTRAÇÃO					
CAMPUS JANAÚBA					
PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI					
CNPJ: 16.888.315/0001-57					
FRANQUIA: FERRAGEM DOS PILARES: QUE SUPORTAM O SEGUNDO PAVIMENTO					
AUTOR PROJETO: CARLOS HENRIQUE DE SOUZA GONÇALVES					
CREA 7982/D - Fº					
ESCALA: INDICADA					
VERSÃO: 1					
DATA: 18/06/2013					
ÁREA CONSTRUIDA: 3056,63m²					
FOLHA: 08/22					
ARQUIVO:					