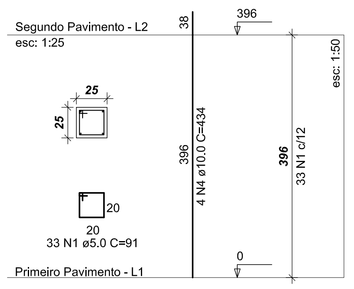
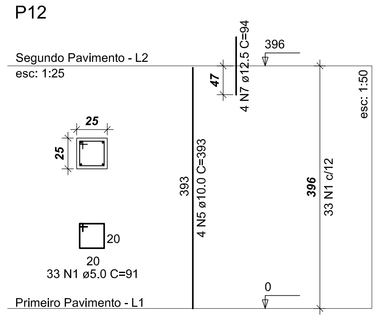
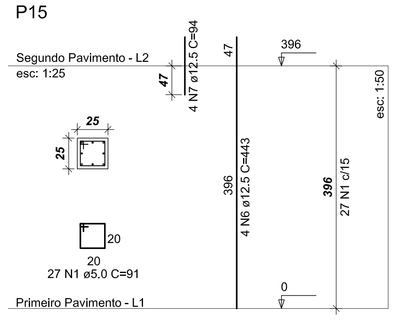
P1=P5=P6=P7=P8=P9=P10=P11=P16=P17=P19
=P20=P21=P22=P23=P25=P26=P28=P30=P31
=P32=P33=P34=P35=P37=P38=P39=P40=P41
=P42=P43=P46=P47=P48=P51=P53=P54=P56
=P57=P58



P12



P15



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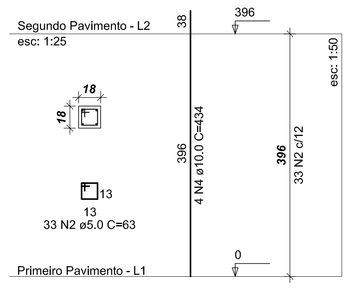
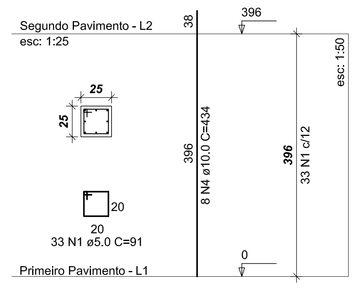


P2=P3=P13=P14=P55



RELAÇÃO DO AÇO
PILARES NO PRIMEIRO PAV.
QUE SUPORTAM O SEGUNDO PAV

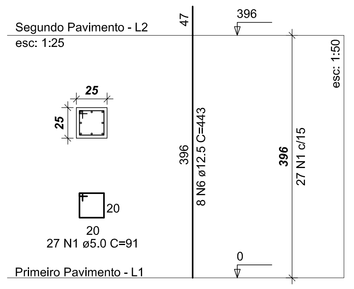
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	1686	91	153426
	2	5.0	159	63	10017
	3	5.0	27	71	1917
	4	10.0	216	434	93744
50	5	10.0	8	393	3144
	6	12.5	32	443	14176
	7	12.5	8	94	752
	8	12.5	4	393	1572

RESUMO DO AÇO

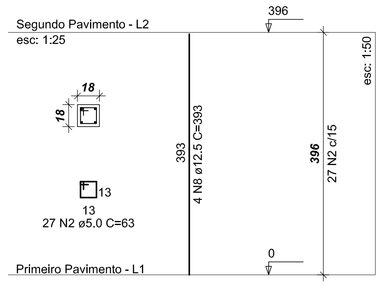
AÇO	DIAM	C.TOTAL (m)	PESO+0% (kg)
CA50	10.0	968.9	597.5
	12.5	165.0	159.0
CA60	5.0	1662.9	256.0
PESO TOTAL			
CA50	756.6		
CA60	256.0		

Vol. de concreto total (C-25) =13.67 m³
Área de forma total = 223.34 m²

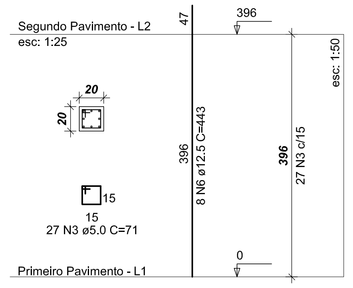
P4



P50



P52



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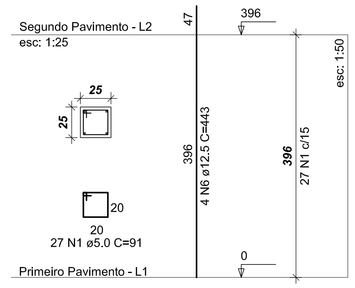
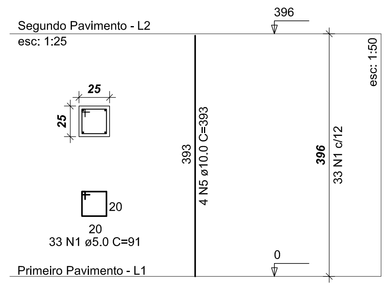
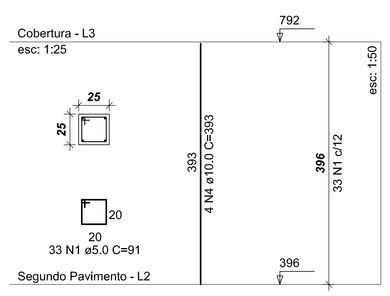


P36



P1=P5=P6=P7=P8=P9=P10=P11=P16=P17=P19
=P20=P21=P22=P23=P25=P26=P27=P28=P30
=P31=P32=P33=P34=P35=P37=P38=P39=P40
=P41=P42=P43=P46=P47=P48=P49=P51=P53
=P54=P56=P57=P58



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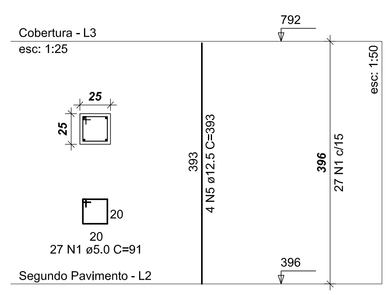
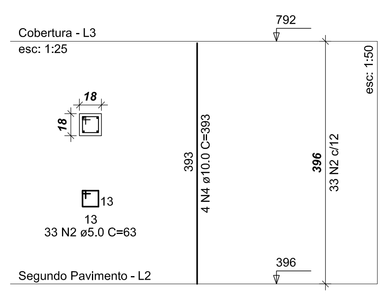


P18=P24=P44=P45



RELAÇÃO DO AÇO
PILARES NO SEGUNDO PAV.
QUE SUPORTAM A COBERTURA

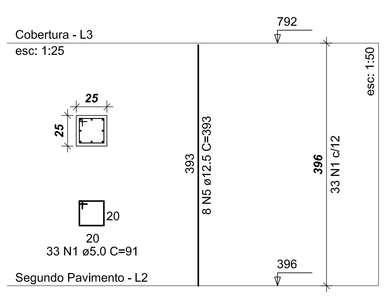
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	1659	91	150969
	2	5.0	132	63	8316
	3	5.0	27	71	1917
50	4	10.0	184	393	72312
	5	12.5	72	393	28296

RESUMO DO AÇO

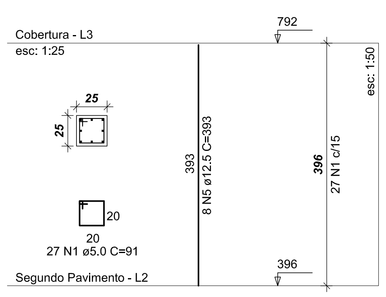
AÇO	DIAM	C.TOTAL (m)	PESO+0% (kg)
CA50	10.0	723.1	445.9
	12.5	283.0	272.8
CA60	5.0	1621.0	249.6
PESO TOTAL			
CA50	718.7		
CA60	249.6		

Vol. de concreto total (C-25) =13.29 m³
Área de forma total = 216.53 m²

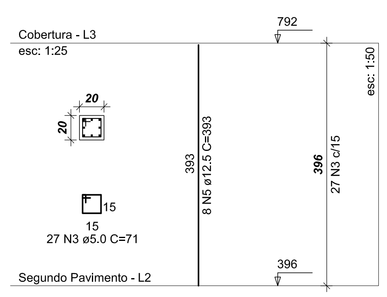
P2=P3=P13=P14=P55



P4=P15



P52



01	26.03.2013		PROJETO ESTRUTURAL
Nº	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

AS BUILT ENGENHARIA DE PROJETOS LTDA
Rua Joviro do Rosário, 1564 - Boa Vista
CEP 82560-435 - Curitiba - Paraná
asbuiltprojetos@gmail.com - (41)3088-4949

FASE:
PROJETO ESTRUTURAL

CONFERIR MEDIDAS NA OBRA

OBRA:
PRÉDIO ASSISTÊNCIA ESTUDANTIL
CAMPUS DIAMANTINA
RODOVIA MGT 367 - Km 583, Nº5000, ALTO DA JACUBA - DIAMANTINA/MG
UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI
CNPJ 16.886.315/0001-57

PRANCHA:
FERRAGEM DOS PILARES

AUTOR PROJETO:
CARLOS HENRIQUE DE SOUZA GONÇALVES
CREA 756ZO - PI

ESCALA: INDICADA
DESENHO: EQUIPE
VERSÃO: VERSAO 1
DATA: 26/03/2013
ÁREA CONSTRUÍDA:
FOLHA: EST 06/16
ARQUIVO: