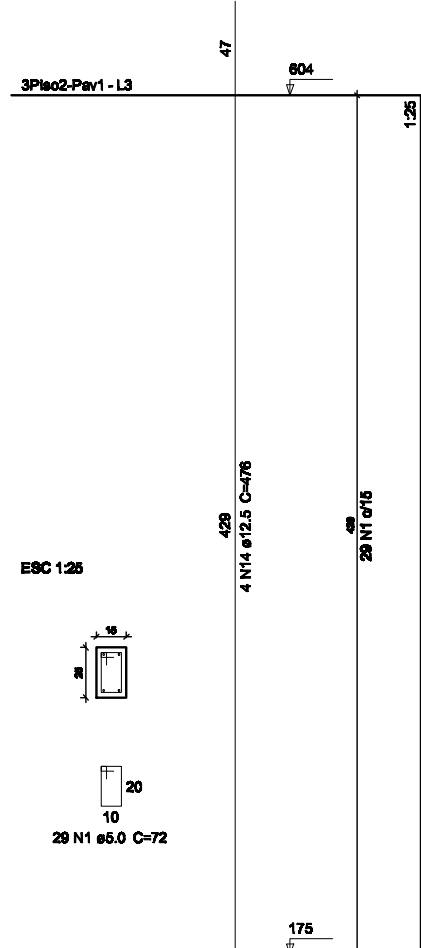
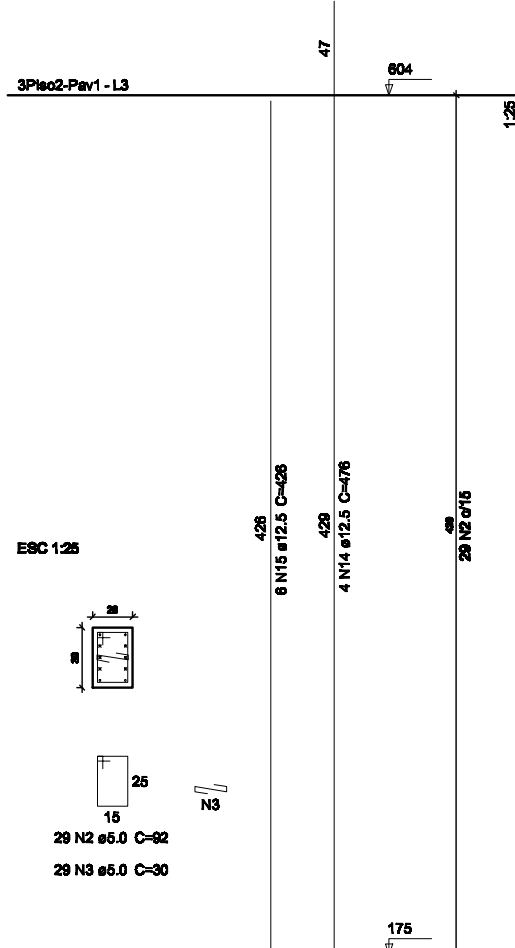


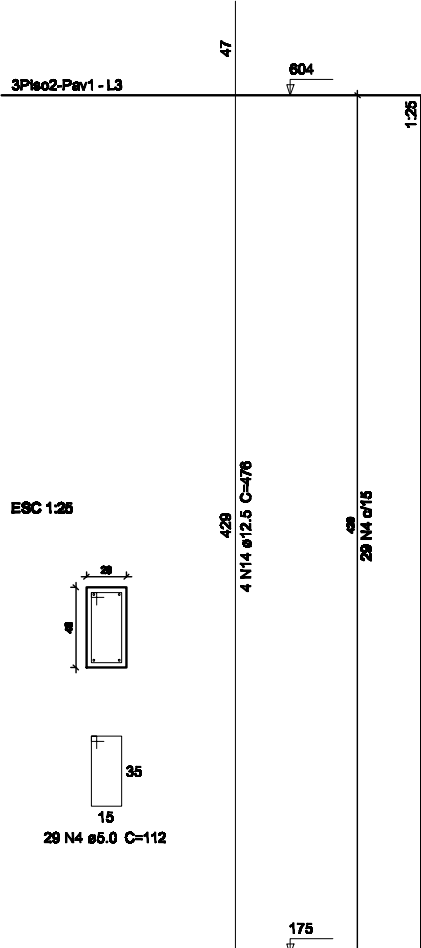
P1=P7-P23-P48-P63-P68-P87



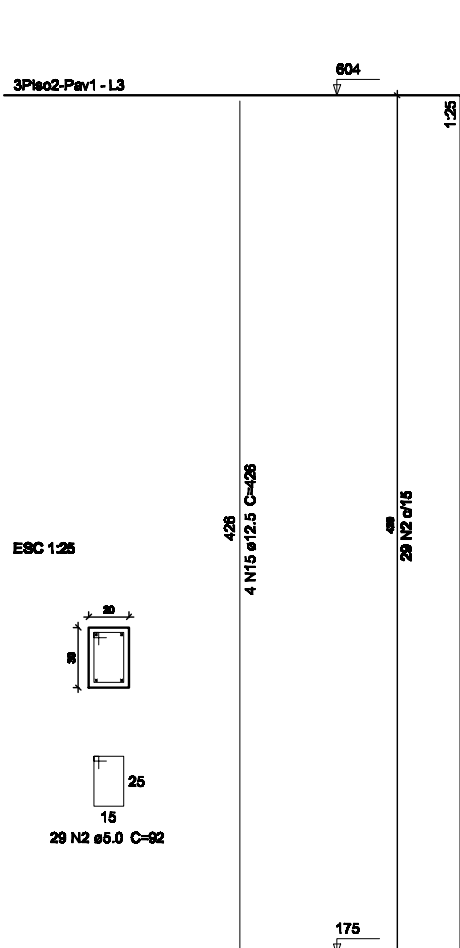
P10=P17=P21



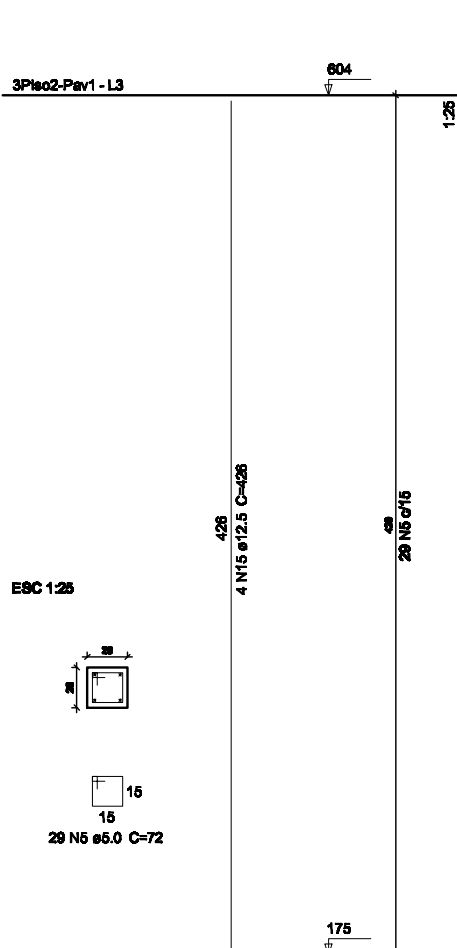
P12=P13=P44=P45-P63-P64-P68



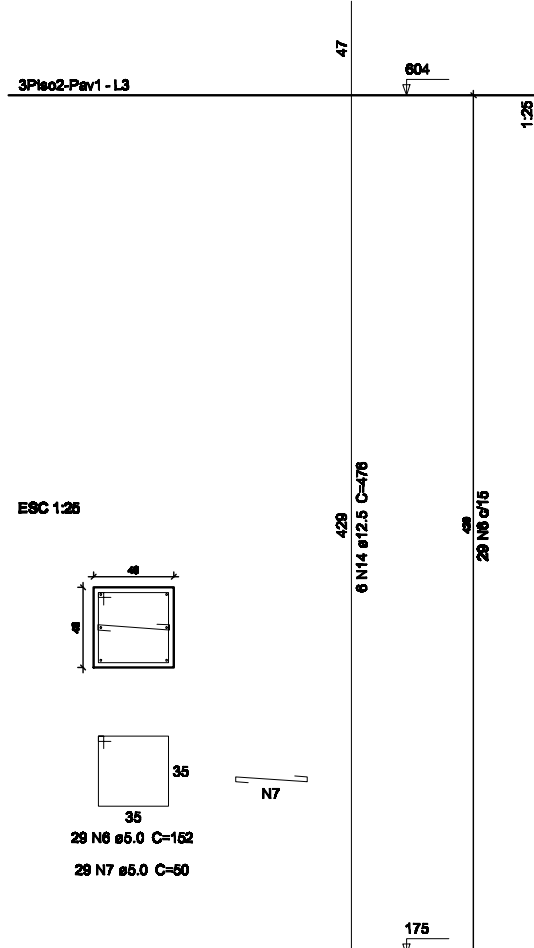
P15=P19=P20-P24



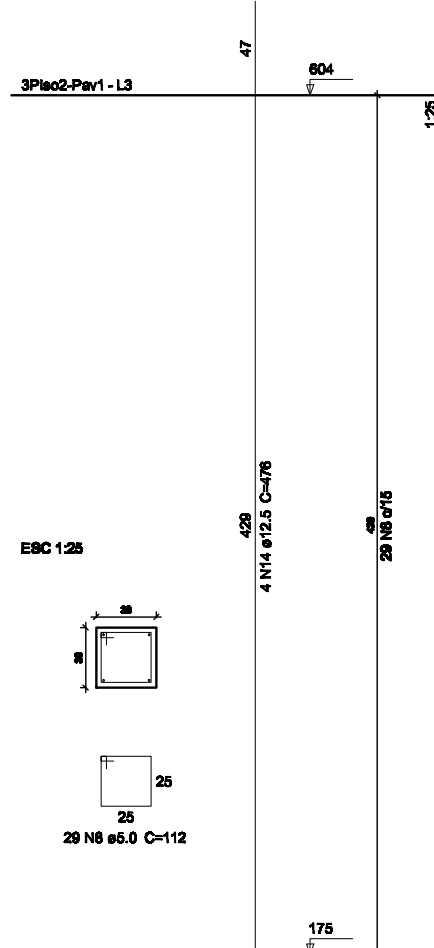
P16=P31



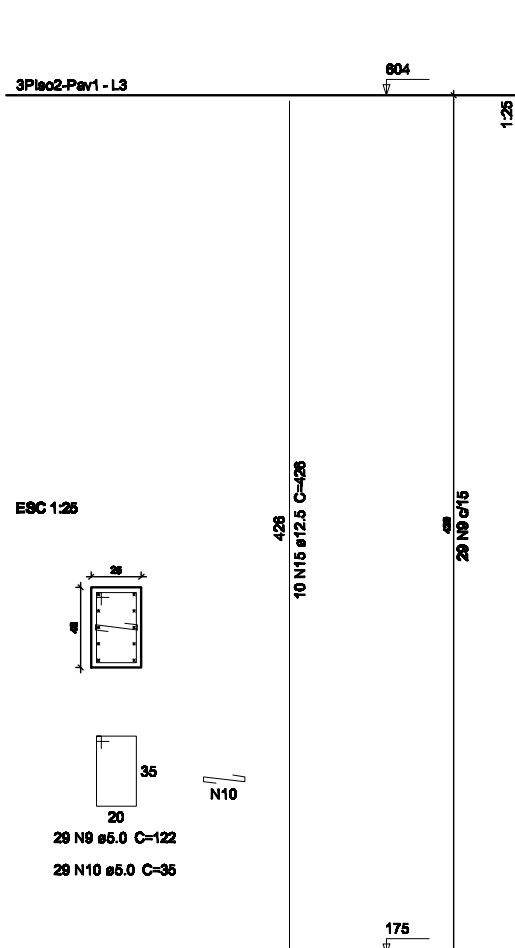
P2=P11=P18-P28-P40-P42-P43-P48-P63-P62



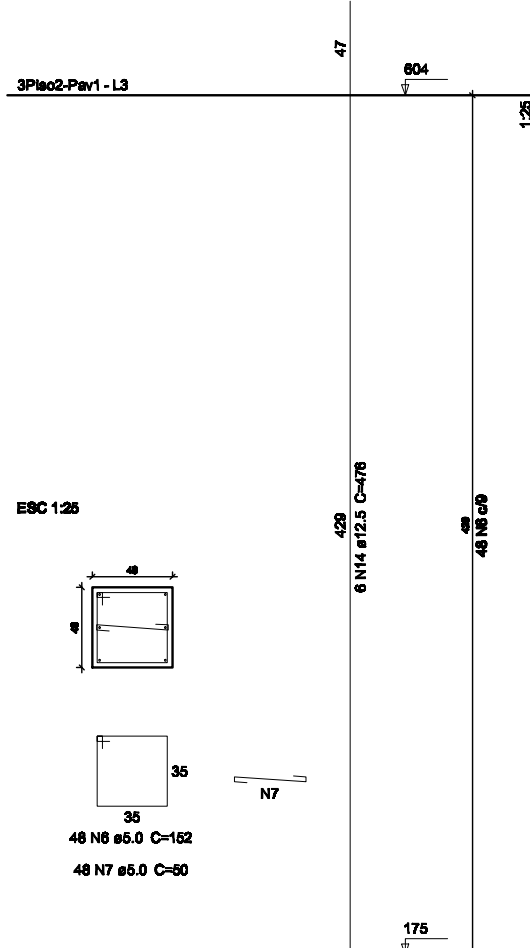
P22



P23



P25



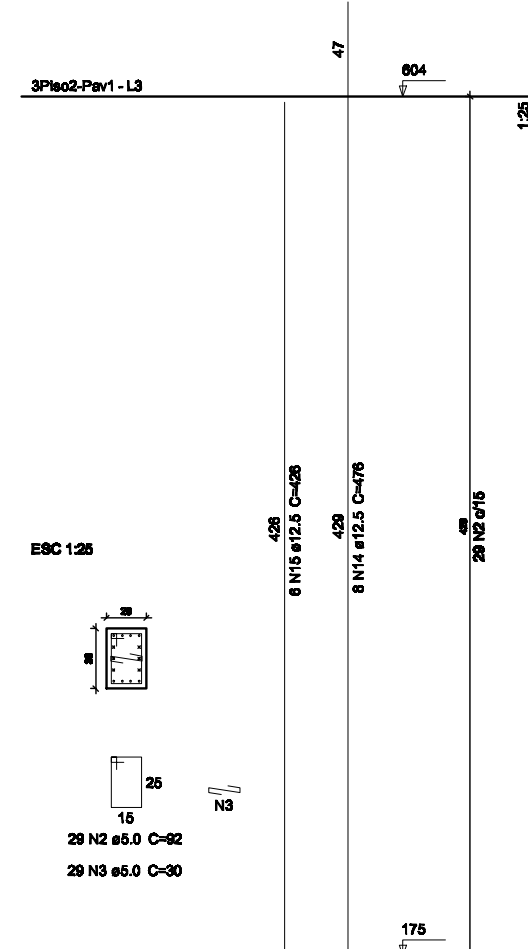
Relação do aço				
8xP1	10xP2	4xP3	4xP4	4xP5
P6	P8	3xP9	3xP10	3xP11
7xP12	4xP13	2xP14	2xP15	2xP16
P22	P23	P25	P26	P27
P28	P29	P30	P31	P32
2xP33	P34	P35	P36	P37
P38	3xP39	P40	P41	P42
P43	P44	P45	P46	P47
2xP51	P52	P53	P54	P55

AÇO	N	DIAM	Q	UNIT	C TOTAL
CA80	1	8.0	232	72	16704
	2	8.0	377	82	30964
	3	8.0	232	30	6960
	4	8.0	377	112	42224
	5	8.0	98	72	7078
	6	8.0	814	62	50468
	7	8.0	1890	30	56700
	8	8.0	30	112	3360
	9	8.0	29	122	3538
	10	8.0	29	30	870
	11	8.0	118	402	47632
	12	8.0	118	175	20550
	13	8.0	98	82	8058
	14	12.5	488	478	231818
	15	12.5	72	428	30872
CA80					

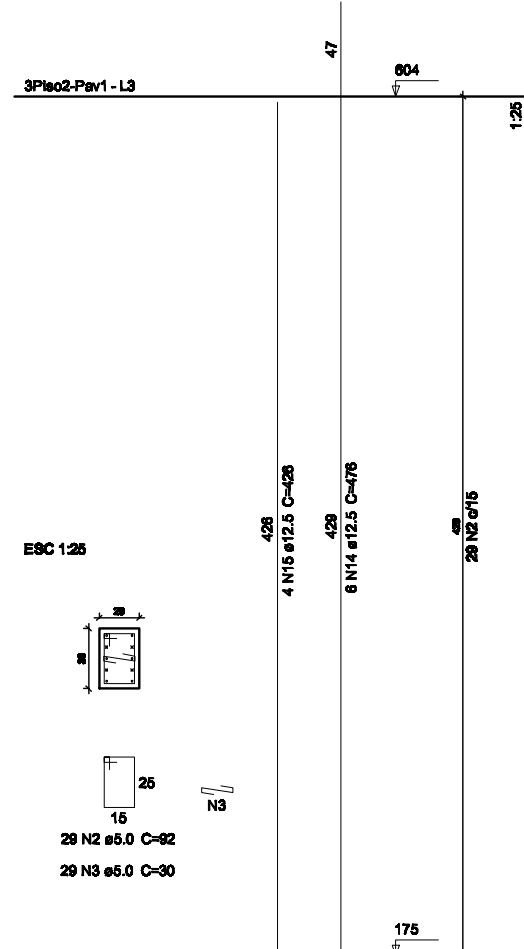
Resumo do aço			
AÇO	DIAM	C TOTAL	PESO + 10 %
CA80	12.5	2824.8	2875.5
CA80	8.0	3811.8	648.3
PESO TOTAL			
CA80			2875.5
CA80			648.3

Vol. de concreto total (C=30) = 34.38 m³
Área de forma total = 388.37 m²

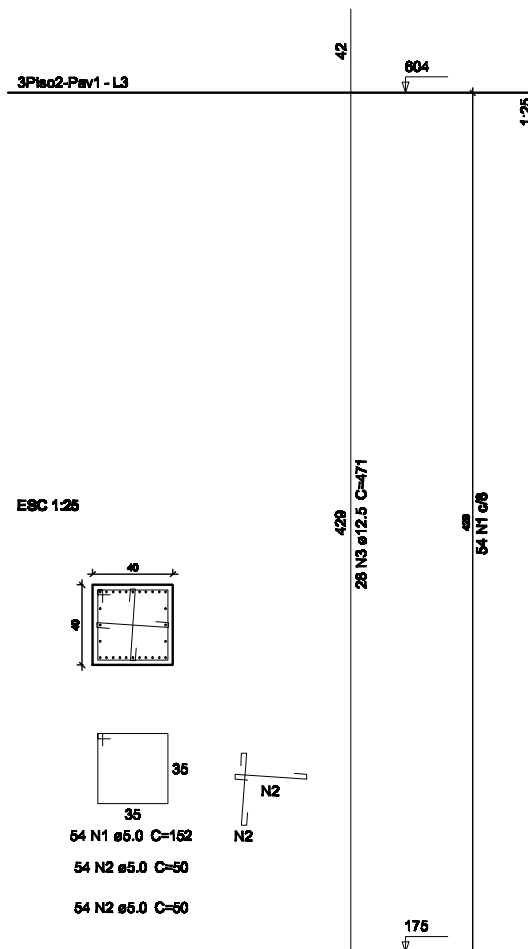
P26



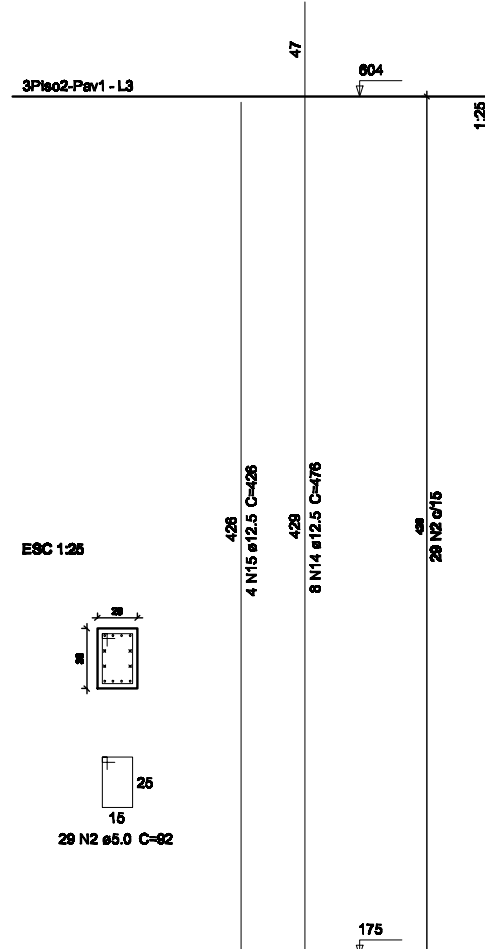
P27



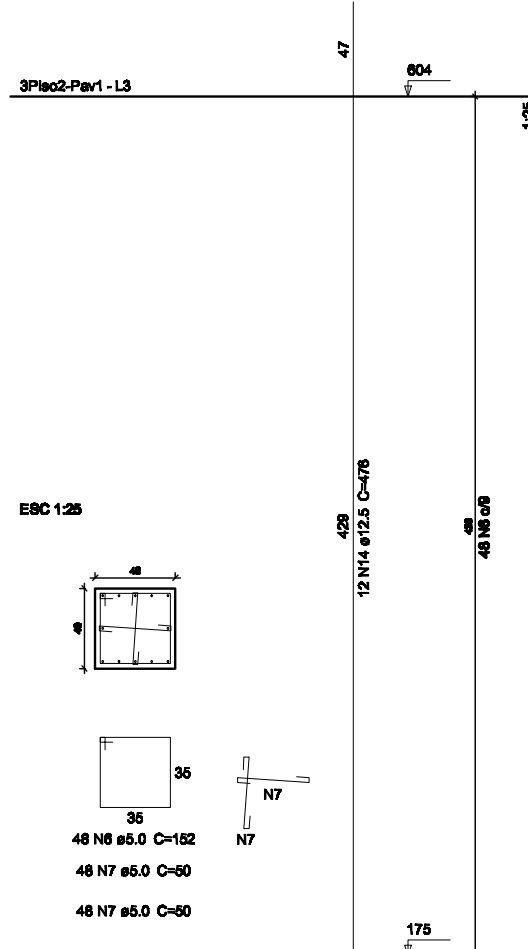
P3=P4=48=P47-P63



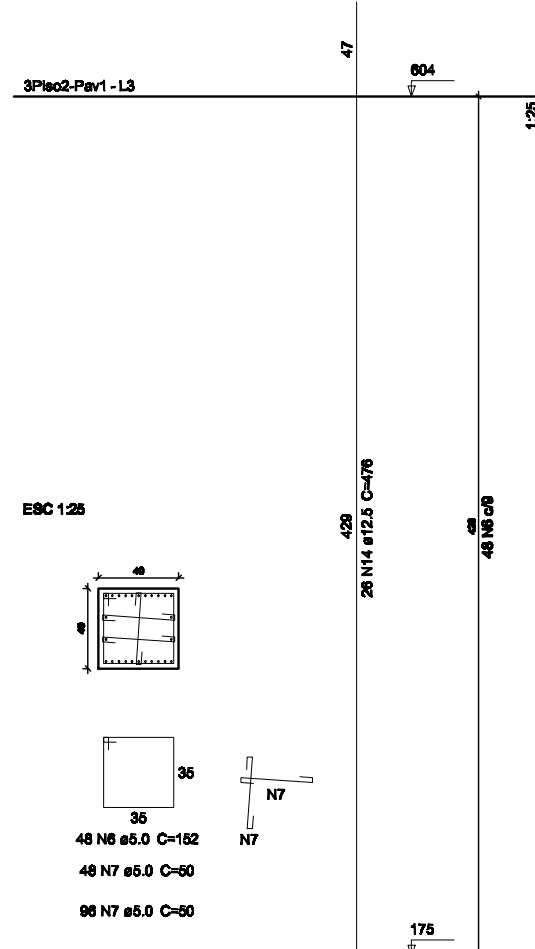
P30



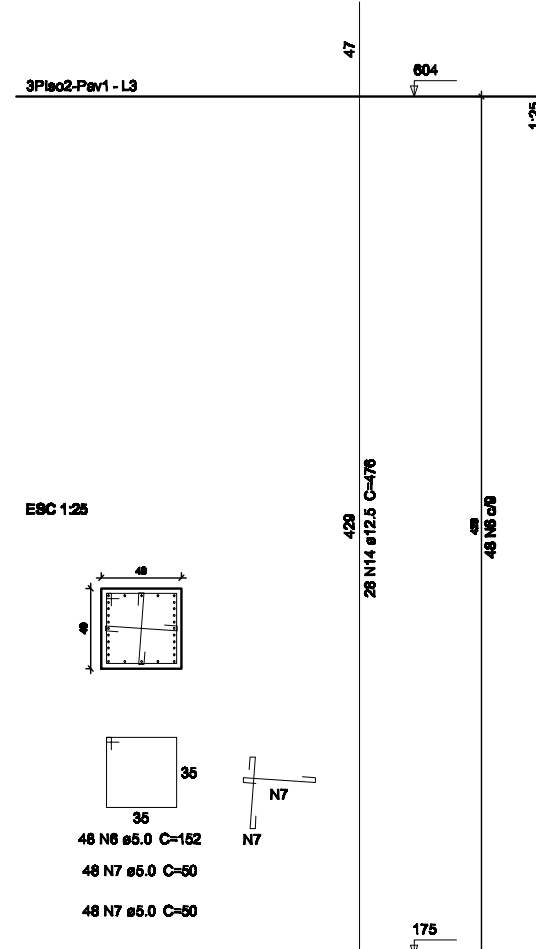
P33=P65



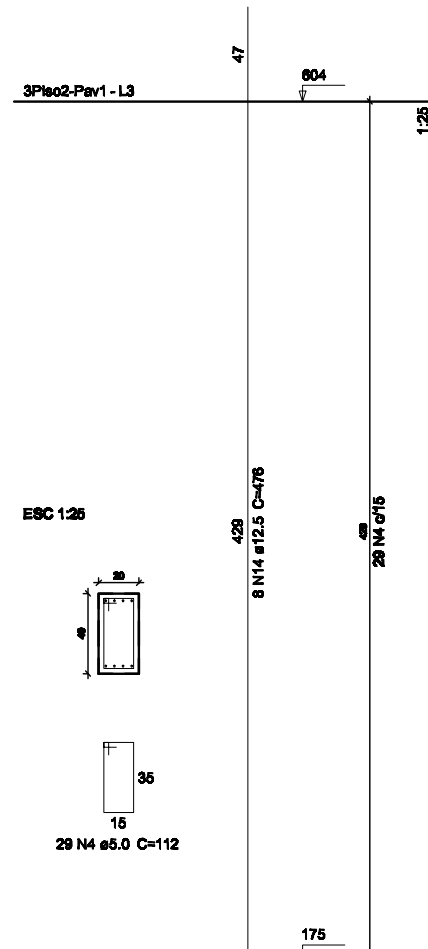
P34



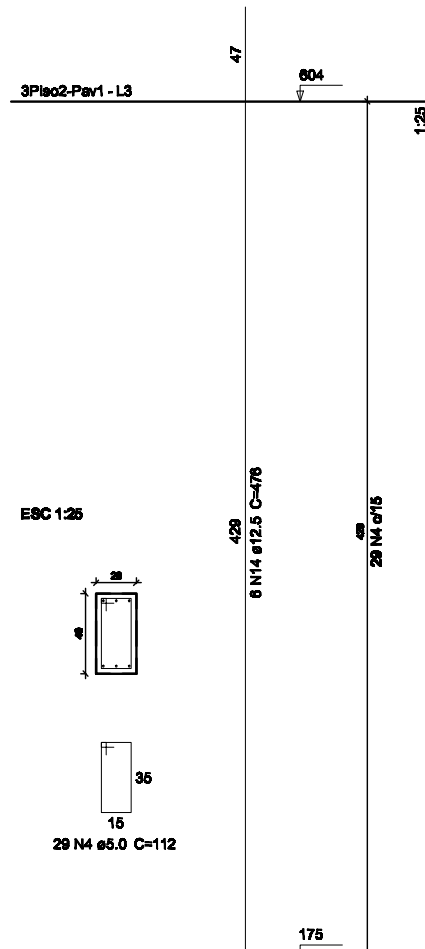
P35



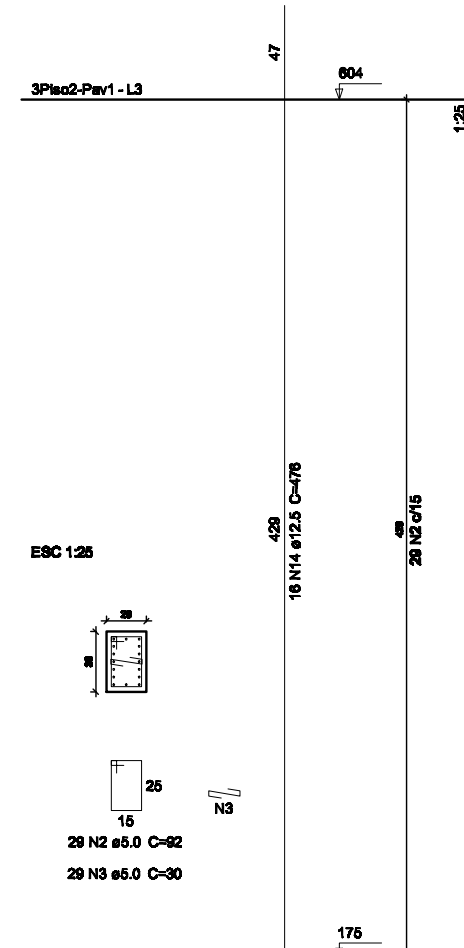
P36



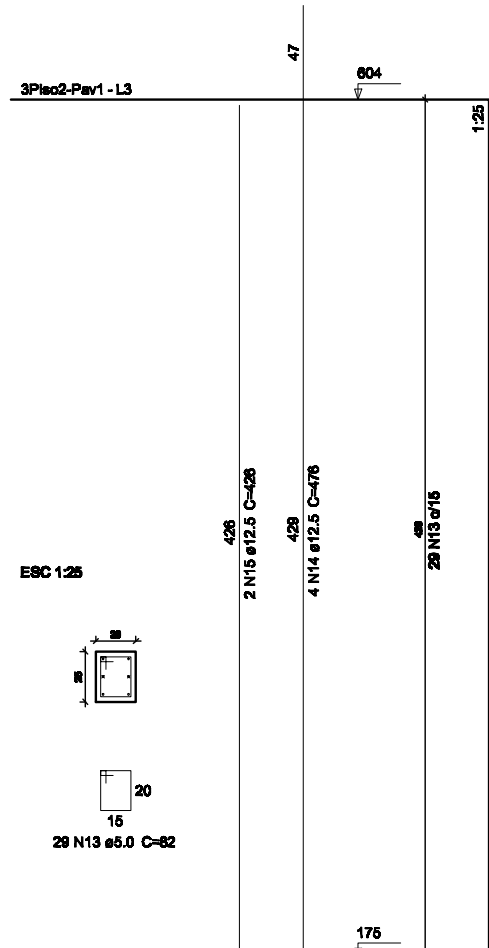
P37=P60=P61



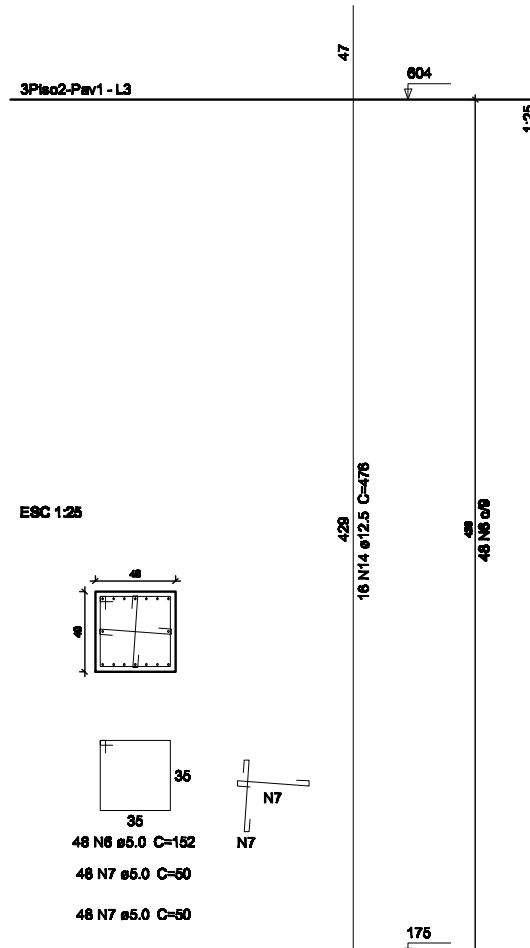
P38



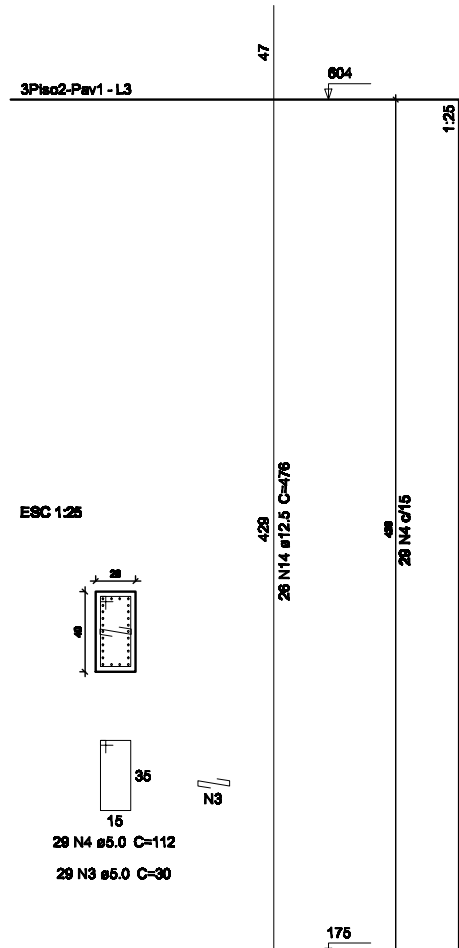
P39



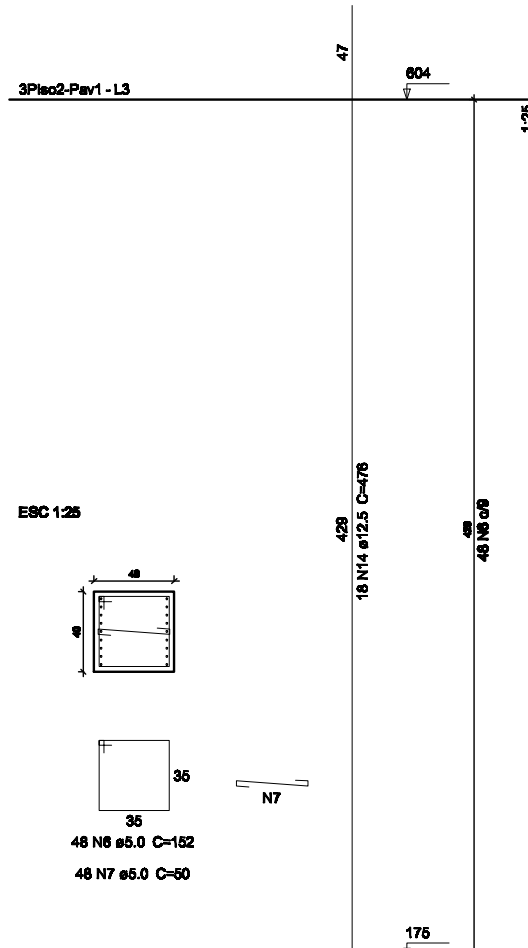
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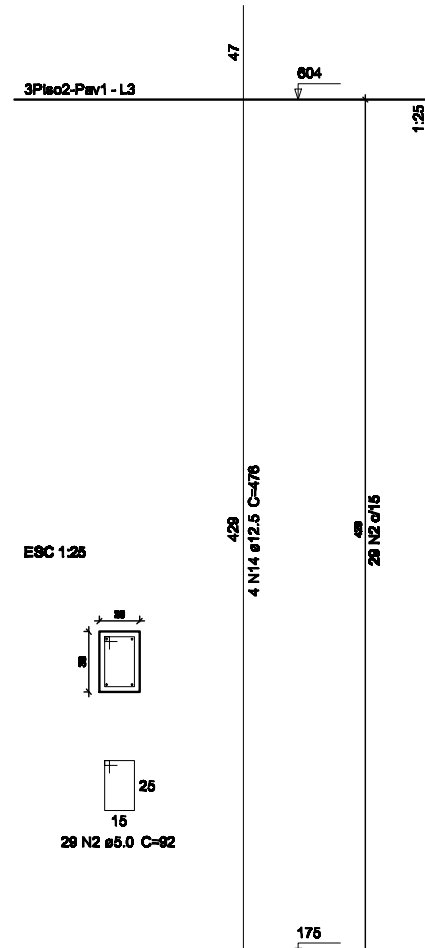
P5



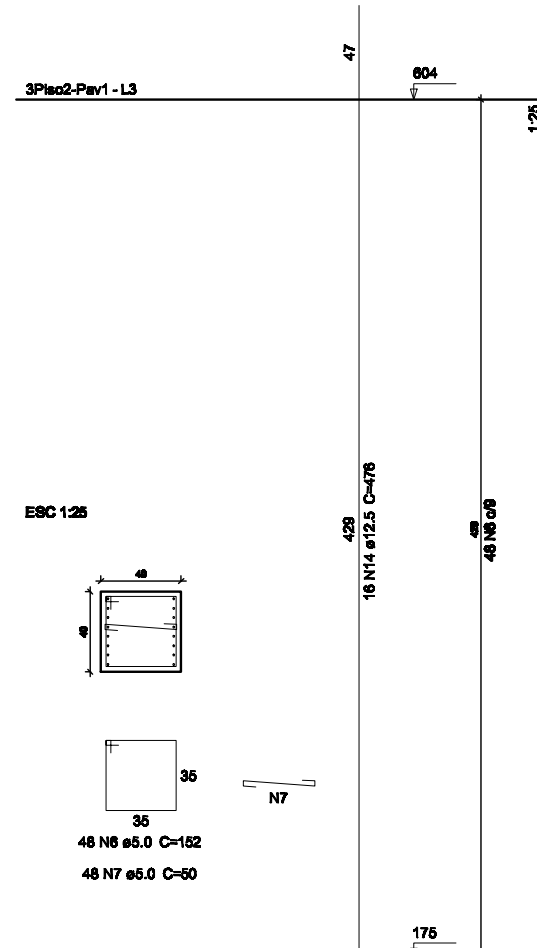
P60



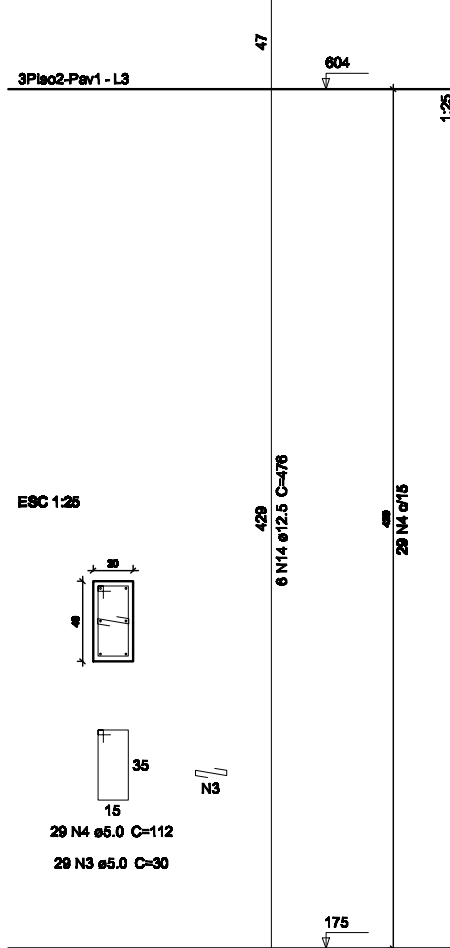
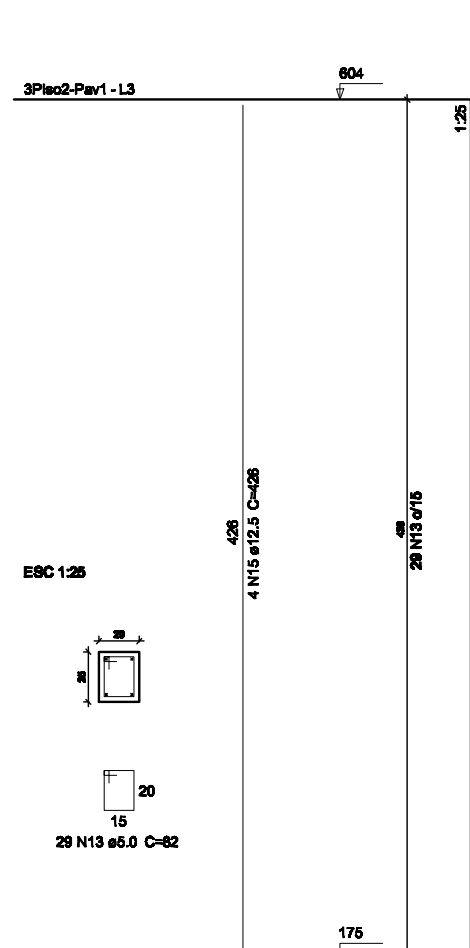
P61=P66



P67



P69



DETALHAMENTO DOS PILARES DO PISO 2-PAVIMENTO 1
ESCALA: 1:50

PROJETO ESTRUTURAL
CENTRO ADMINISTRATIVO DO PARTEC - UFJF - DIAMANTINA-MG

DETALHAMENTOS
PISO 2 - PAVIMENTO 1
DETALHAMENTO DOS PILARES

Escala: 1/50
Desenho: RAJA
Data: 03/05/2012
Unidade: cm

030900
01
09/33

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