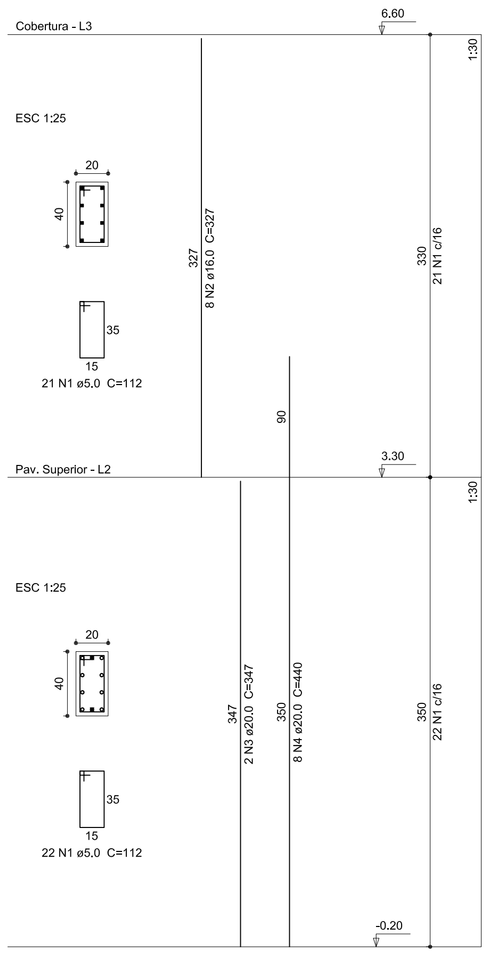
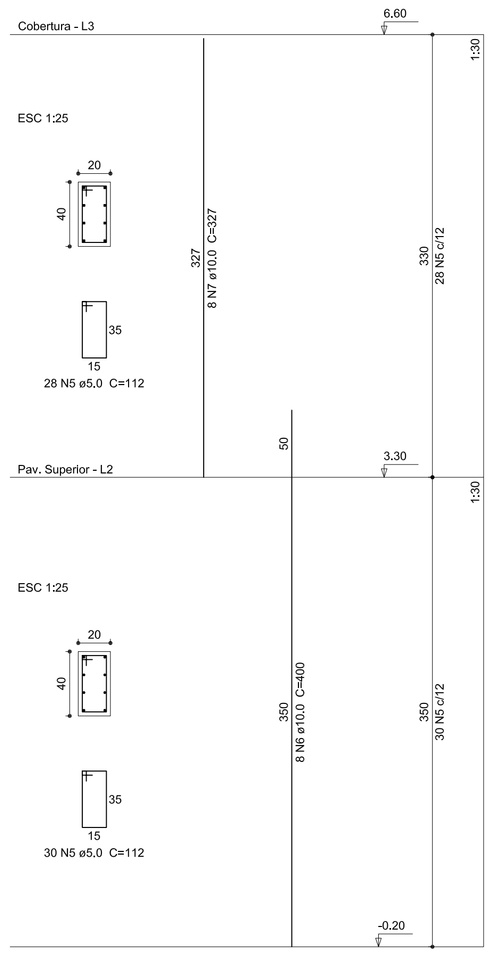
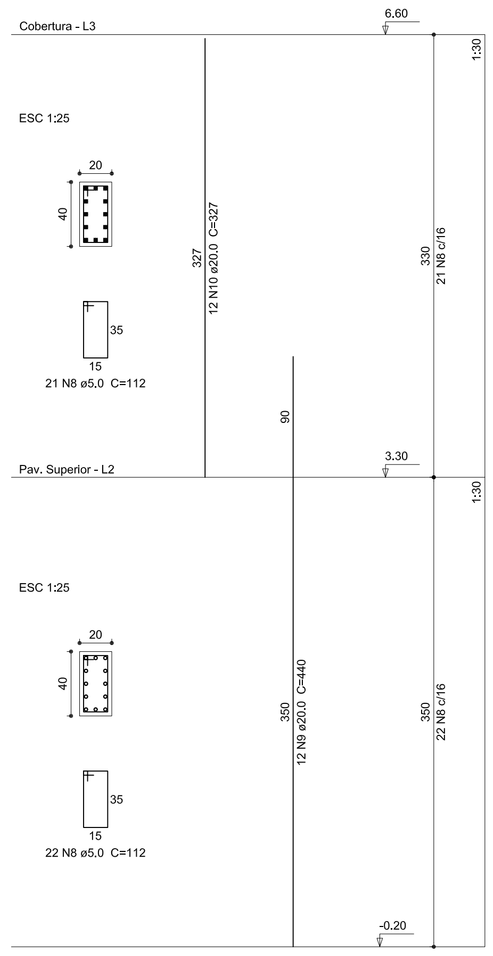
P25



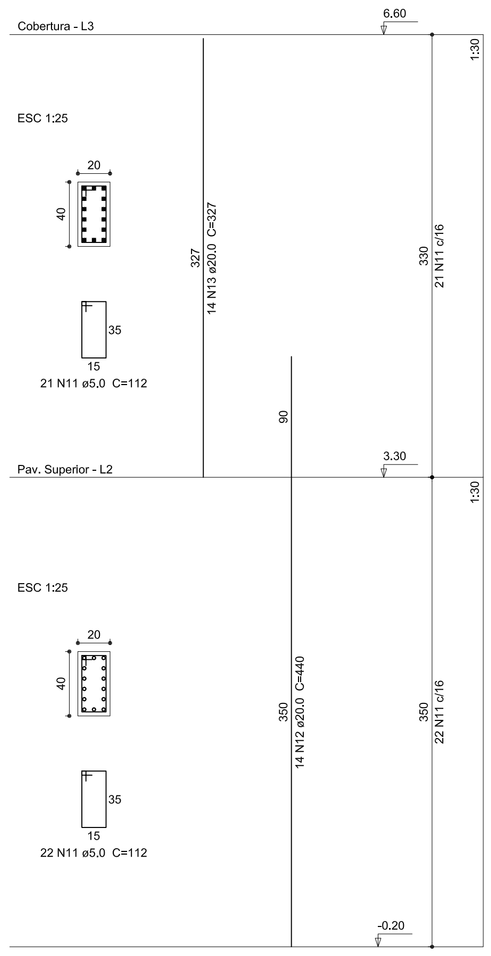
P26



P27



P28



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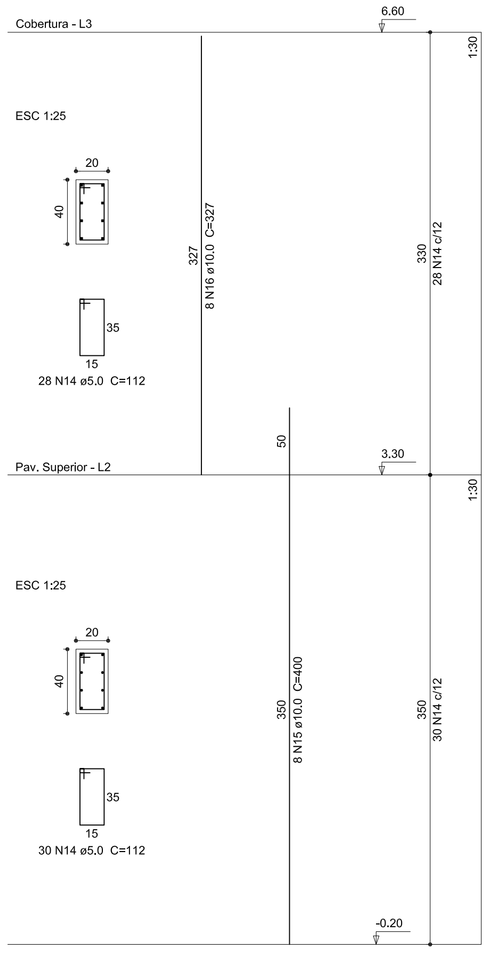

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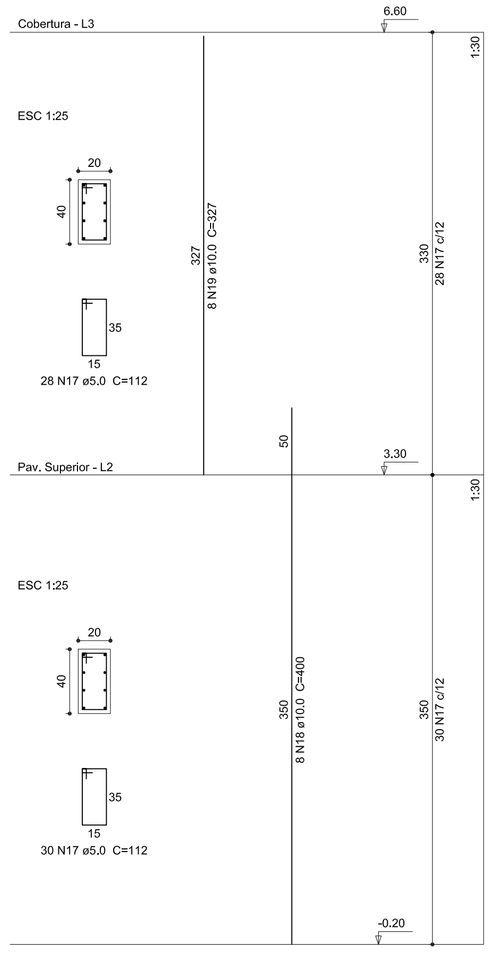
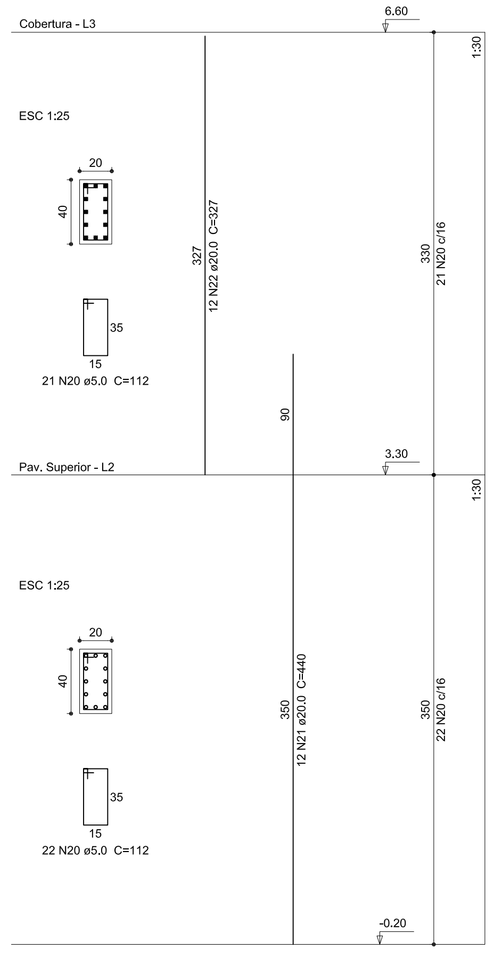
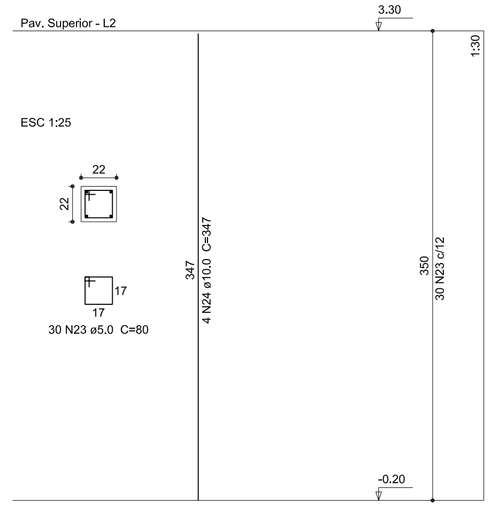


P31



PC1



Relação do aço

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
P25	CA60	1	5,0	43	112	4816
	CA50	2	16,0	8	327	2616
	CA50	3	20,0	2	347	694
	CA50	4	20,0	8	440	3520
P26	CA60	5	5,0	58	112	6496
	CA50	6	10,0	8	400	3200
	CA50	7	10,0	8	327	2616
P27	CA60	8	5,0	43	112	4816
	CA50	9	20,0	12	440	5280
	CA50	10	20,0	12	327	3924
P28	CA60	11	5,0	43	112	4816
	CA50	12	20,0	14	440	6160
	CA50	13	20,0	14	327	4578
P29	CA60	14	5,0	58	112	6496
	CA50	15	10,0	8	400	3200
	CA50	16	10,0	8	327	2616
P30	CA60	17	5,0	58	112	6496
	CA50	18	10,0	8	400	3200
	CA50	19	10,0	8	327	2616
P31	CA60	20	5,0	43	112	4816
	CA50	21	20,0	12	440	5280
	CA50	22	20,0	12	327	3924
PC1	CA60	23	5,0	30	80	2400
	CA50	24	10,0	4	347	1388

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10,0	245	154
	16,0	34	54
	20,0	434	1085
CA60	5,0	535	86
PESO TOTAL			
CA50	1293		
CA60	86		

REVISÕES	DESCRIÇÃO	DATA	RUBRICA
0	EMISSÃO INICIAL	00/00/2009	NOME

UIE
UNIDADE DE INFRAESTRUTURA
DEPARTAMENTO DE OBRAS

CENTRO PAULA SOUZA
GOVERNO DE SÃO PAULO

OBRA
CAMPUS CEETEPS EM CRAVINHOS

UNIDADE
ETEC CRAVINHOS

LOCAL / MUNICÍPIO
RUA MARIA CONCEIÇÃO GOUVÊA SIMÕES, S/Nº - CRAVINHOS/SP

ÁREA TÉCNICA
ESTRUTURAL

ESCALA
INDICADAS

FOLHA Nº
EST-012/024

TÍTULO
PROJETO BÁSICO
BLOCO ADMINISTRATIVO E PEDAGÓGICO
ARMAÇÃO DOS PILARES - 4 / 5
CONSTRUÇÃO

DESENHO	PROJETO	COORDENAÇÃO
UIE	UIE	UIE

OBSERVAÇÃO	DATA	REVISÃO
CONFERIR MEDIDAS NO LOCAL	OUT/2017	R0

FL. 90 x 64