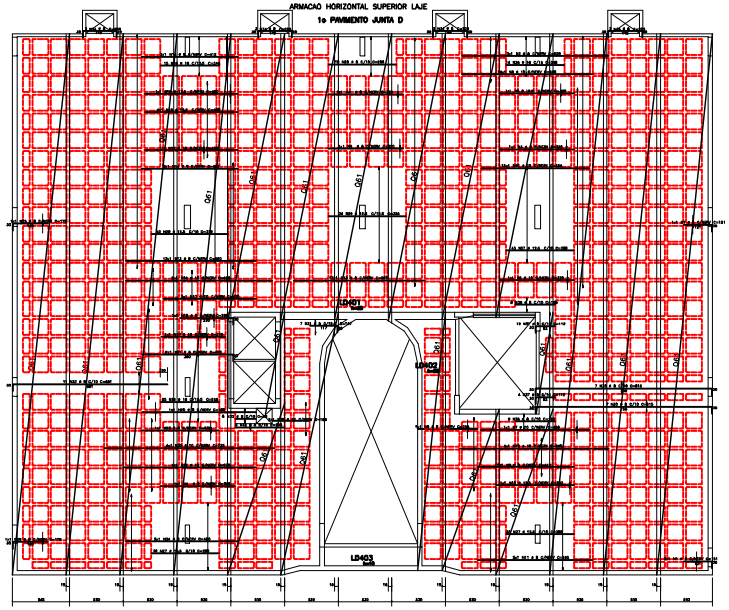
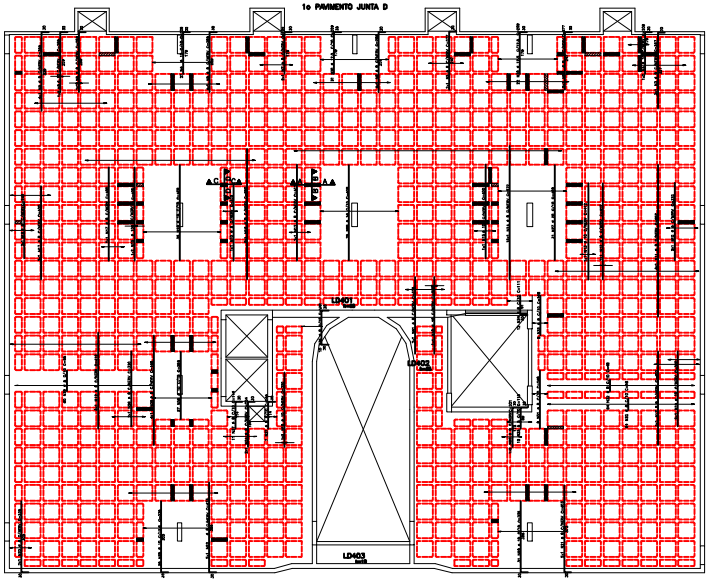
ARMACAO HORIZONTAL SUPERIOR LAJE
1o PAVIMENTO JUNTA D



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
ARMACAO HORIZONTAL SUPERIOR LAJE					
60A	1	6	2	10	403
50A	2	6	3	828	1684
50A	3	10	14	550	7640
50A	4	6	4	330	1380
50A	5	12,5	1	330	330
50A	6	10	1	320	320
50A	7	10	1	488	488
50A	8	6	1	255	255
50A	9	6	2	412	824
50A	10	12,5	1	831	831
50A	11	8	3	480	2480
50A	12	10	4	640	2560
50A	13	8	36	340	14280
50A	14	8	6	412	2706
50A	15	12,5	3	412	1236
50A	16	10	2	628	1256
50A	17	10	3	450	1350
50A	18	6	1	260	260
50A	19	6	1	280	280
50A	20	8	1	488	488
50A	21	8	5	420	2100
50A	22	10	4	570	2280
50A	23	8	1	420	420
50A	24	6	5	130	650
50A	25	6	2	179	358
50A	26	16	54	248	13392
50A	27	12,5	103	288	29664
50A	28	8	18	320	5760
50A	29	12,5	77	338	26026
50A	30	8	14	815	11410
50A	31	8	7	147	1029
50A	32	8	11	691	7601
50A	33	6	5	280	1400
50A	34	6	8	228	1840
50A	35	10	4	730	2920
50A	36	8	17	168	2856
50A	37	10	16	112	1792
50A	38	6	5	130	650
60B	39	6	60	72	4340
50B	40	3	160	90	14720
50A	41	10	13	484	6548
50A	42	8	5	228	1040

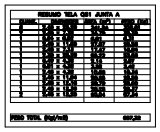
RESUMO ACO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	3	305	33
50A	6	848	208
50A	10	320	158
50A	12,5	576	216
50A	16	124	196
Peso Total	60B =		33 kg
Peso Total	50A =		1208 kg

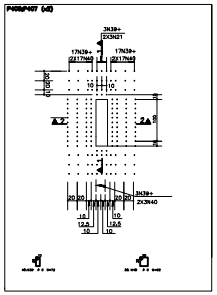
ARMACAO VERTICAL SUPERIOR/CISALHAMENTO LAJE
1o PAVIMENTO JUNTA D



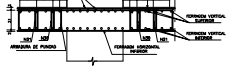
AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
ARMACAO VERTICAL SUPERIOR/CISALHAMENTO LAJE					
60A	1	5	2	44	88
60A	2	5,3	44	48	2106
50A	3	6	3	357	1071
50A	4	10	24	259	6216
50A	5	6	1	277	1939
50A	6	6	2	289	578
50A	7	6	2	289	578
50A	8	10	2	289	578
50A	9	6	2	289	1578
50A	10	6	2	289	578
50A	11	6	8	352	2816
50A	12	8	10	412	4120
50A	13	10	1	412	412
50A	14	8	1	372	1860
50A	15	8	6	560	3360
50A	16	8	4	560	2240
50A	17	8	7	450	2850
50A	18	8	2	240	480
50A	19	8	2	240	480
50A	20	8	2	331	662
50A	21	8	5	403	2015
50A	22	8	5	413	2065
50A	23	8	2	326	652
50A	24	8	2	326	652
50A	25	8	4	469	1872
50A	26	8	2	323	646
50A	27	20	21	458	12648
50A	28	10	56	335	18760
50A	29	10	56	335	18760
50A	30	12,5	53	209	11077
50A	31	8	5	248	1984
50A	32	8	126	45	5184
50A	33	8	9	148	1332
50A	34	8	12	118	1416
50A	35	8	12	118	1416
50A	36	8	10	258	2580
50A	37	8	18	144	2592
50A	38	10	27	288	7776
50A	39	8	6	228	1368
50A	40	10	10	328	3280
50A	41	8	3	228	684

RESUMO ACO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	212	34
50A	5,3	22	4
50A	6	637	283
50A	10	204	229
50A	12,5	151	151
50A	16	198	312
50A	20	126	314
Peso Total	60B =		34 kg
Peso Total	50A =		1561 kg

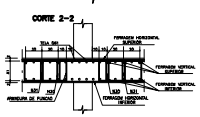


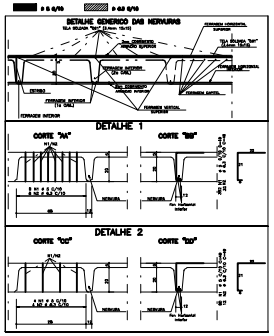


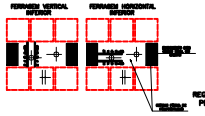
CORTE 1-1

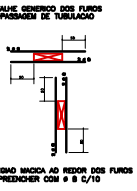


CORTE 2-2









FCK= 40 MPa
EC = 30 GPa (MODULO DE ELASTICIDADE SECANTE)
A/C = 0,65 (FATOR AGUA CIMENTO)

0	10/06/2008	EMISSAO INICIAL
REV	DATA	DESCRIÇÃO

Simetria Engenharia e Projetos Ltda

PROJETO ESTRUTURAL

CLIENTE: EMP PARTICIPAÇÕES LTDA
OBRA: EDI. COMERCIAL — No OBRA: 091
ENDEREÇO: RUA SETOR DE INDUSTRIAS GRAFICAS — GAUDIA 01 LOTEAMENTO/BAIRRO/CIDADE
ARMAÇÃO SUPERIOR/CISALHAMENTO LAJE
1o PAVIMENTO JUNTA D
090/173

DESENHISTA: VINI RIBEIRO | DATA: 10/06/2008 | ESCALA: 1/75 | VERSÃO: 00 | ARQUIVO: 091-090-090.DWG

RESPONSAVEL TECNICO

RESPONSAVEL TECNICO PELA PEÇA ESTRUTURAL

CONSTRUTORA, ENGENHARIA E PROJETOS S/C LTDA.
CONSTRUTORA