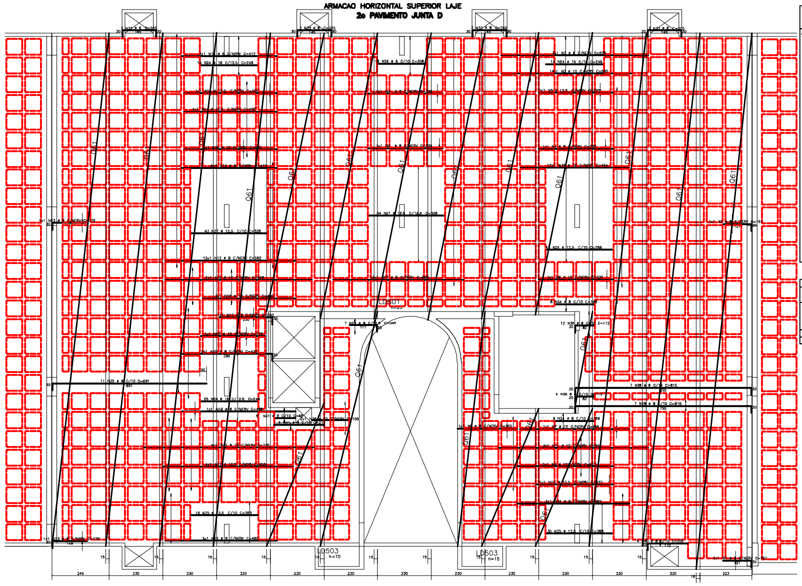
ARMACAO HORIZONTAL SUPERIOR LAJE
2o PAVIMENTO JUNTA D



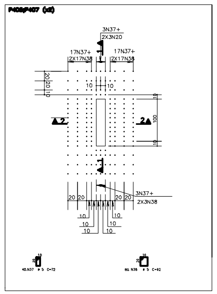
AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
ARMACAO HORIZONTAL SUPERIOR LAJE					
50A	1	8	3	161	483
50A	2	8	3	628	1884
50A	3	10	14	560	7840
50A	4	8	3	320	960
50A	5	12,5	1	320	320
50A	6	10	1	320	320
50A	7	10	1	468	468
50A	8	8	1	255	255
50A	9	10	2	412	824
50A	10	12,5	1	332	332
50A	11	10	4	640	2560
50A	12	8	26	560	14560
50A	13	8	9	412	3708
50A	14	12,5	5	400	2000
50A	15	10	2	628	1256
50A	16	10	3	400	1200
50A	17	8	1	260	260
50A	18	10	1	276	276
50A	19	8	1	488	488
50A	20	8	5	420	2100
50A	21	12,5	4	558	2232
50A	22	8	6	480	2880
50A	23	8	2	179	358
50A	24	16	54	248	13392
50A	25	12,5	92	288	26496
50A	26	8	18	208	3744
50A	27	12,5	77	328	25256
50A	28	8	14	815	11410
50A	29	8	7	--VAR--	1029
50A	30	8	11	691	7601
50A	31	8	8	88	704
50A	32	8	8	205	1640
50A	33	10	4	730	2920
50A	34	8	17	168	2856
50A	35	8	16	112	1792
50A	36	10	2	156	312
60B	37	5	80	72	5760
60B	38	5	160	92	14720
50A	39	10	12	464	5568
50A	40	8	4	202	808
50A	41	8	5	212	1060

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	205	33
50A	8	606	242
50A	10	235	148
50A	12,5	566	566
50A	16	134	214
Peso Total	60B =		33 kg
Peso Total	50A =		1171 kg

RESUMO TELA Q61 JUNTA A			
QUANT.	DIMENSOES	AREA (m²)	PESO (kg)
2	2,45 x [illegible]	[illegible]	[illegible]
4	2,45 x [illegible]	[illegible]	[illegible]
1	[illegible]	14,4[illegible]	[illegible]
2	2,45 x [illegible]	[illegible]	47,77
1	[illegible]	[illegible]	[illegible]
1	2,45 x [illegible]	14,[illegible]	14,14
1	[illegible]	[illegible]	[illegible]
1	0,48 x 4,[illegible]	2,14	2,07
2	2,45 x 12,[illegible]	[illegible]	[illegible]
3	2,45 x 12,34	[illegible]	[illegible]
1	2,45 x 12,[illegible]	[illegible]	[illegible]

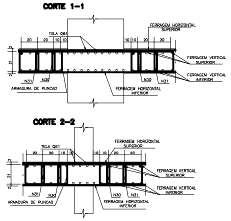
PESO TOTAL (kgf/m2) [illegible]

P406/P407 (x2)

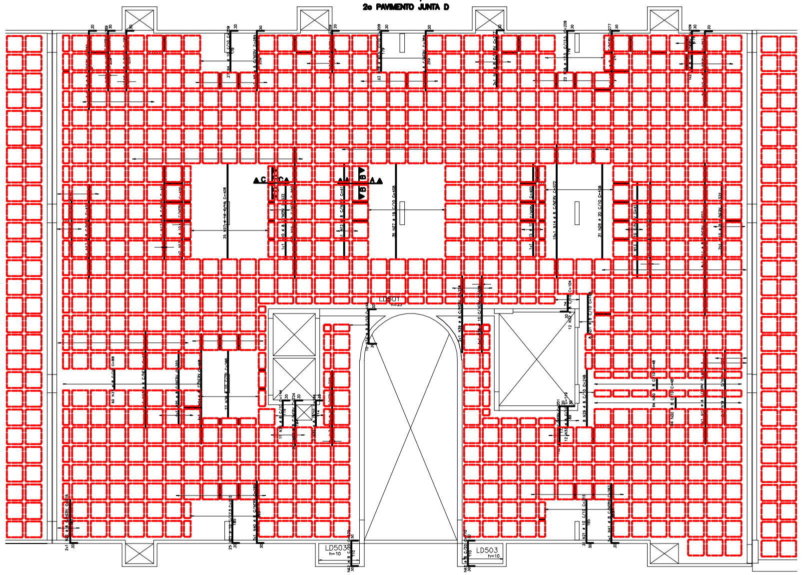


CORTE 1-1

CORTE 2-2



ARMACAO VERTICAL SUPERIOR/CISALHAMENTO LAJE
2o PAVIMENTO JUNTA D



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
ARMACAO VERTICAL SUPERIOR/CISALHAMENTO LAJE					
60B	1	5	420	49	20580
50A	2	6.3	44	49	2156
50A	3	8	3	357	1071
50A	4	10	29	209	6061
50A	5	8	7	277	1939
50A	6	8	9	289	2601
50A	7	8	2	209	418
50A	8	10	2	289	578
50A	9	8	4	369	1476
50A	10	8	3	332	996
50A	11	8	8	652	5216
50A	12	8	10	412	4120
50A	13	10	1	412	412
50A	14	8	15	572	8580
50A	15	10	3	400	1200
50A	16	8	9	560	5040
50A	17	8	7	400	2800
50A	18	8	2	240	480
50A	19	10	4	320	1280
50A	20	8	2	201	402
50A	21	10	56	215	12040
50A	22	8	2	215	430
50A	23	8	2	224	448
50A	24	8	4	468	1872
50A	25	8	2	320	640
50A	26	20	31	408	12648
50A	27	16	70	408	28560
50A	28	12.5	45	209	9405
50A	29	8	8	248	1984
50A	30	8	128	48	6144
50A	31	8	8	168	1344
50A	32	8	12	104	1248
50A	33	8	12	119	1428
50A	34	8	10	--VAR--	2060
50A	35	8	18	144	2592
50A	36	10	27	288	7776
50A	37	8	60	88	5280
50A	38	10	1	328	328
50A	39	8	2	328	656
50A	40	8	5	295	1475
50A	41	8	5	283	1415
50A	42	8	20	170	3400

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	206	33
50A	6.3	22	5
50A	8	676	270
50A	10	297	187
50A	12.5	94	94
50A	16	286	457
50A	20	126	316
Peso Total	60B =		33 kg
Peso Total	50A =		1330 kg

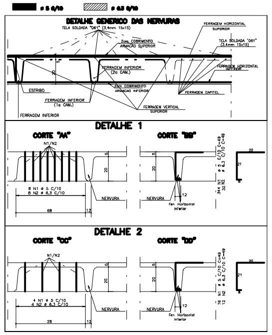
DETALHE GENERICO DAS NERVURAS

DETALHE 1

CORTE "AA" CORTE "BB"

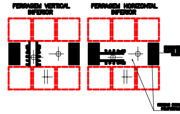
DETALHE 2

CORTE "CC" CORTE "DD"

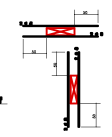


DETALHE GENERICO PARA FUROS QUE CAIREM NAS NERVURAS

FERRAGEM VERTICAL INFERIOR — FERRAGEM HORIZONTAL INFERIOR



DETALHE GENERICO DOS FUROS PASSAGEM DE TUBULACAO



REGIAO MACICA AO REDOR DOS FUROS PREENCHER COM ø 8 C/10

FCK= 40 MPa

EC = 30 GPa (MODULO DE ELASTICIDADE SECANTE)

A/C = 0,65 (FATOR AGUA CIMENTO)

REV	DATA	DESCRIÇÃO
0	16/05/2008	EMISSAO INICIAL

Simetria Engenharia e Projetos Ltda
SIA QUADRA 4C No 61 SALAS 201 e 203
BRASILIA-DF CEP: 71200-045
PABX: (0XX61) 3036-9633
simetria@simetria.eng.br

PROJETO ESTRUTURAL

CLIENTE: EPP PARTICIPACOES LTDA

OBRA: ED. COMERCIAL SIG-2 — No OBRA: 001

ENDEREÇO OBRA: SETOR DE INDUSTRIAS GRAFICAS – QUADRA 01 LOTES 495/505/515

DESENHO: ARMACAO SUPERIOR CISALHAMENTO LAJE 2o PAVIMENTO JUNTA D — DESENHO No: 108/173

DATA: 16/05/2008 — ESCALA: 1:75 — UNIDADE: CM

PROPRIETARIO: — RESPONSAVEL TECNICO

RESPONSAVEL TECNICO PELO PROJETO ESTRUTURAL

SIMETRIA ENGENHARIA E PROJETOS S/S LTDA

BRASILIA/DF