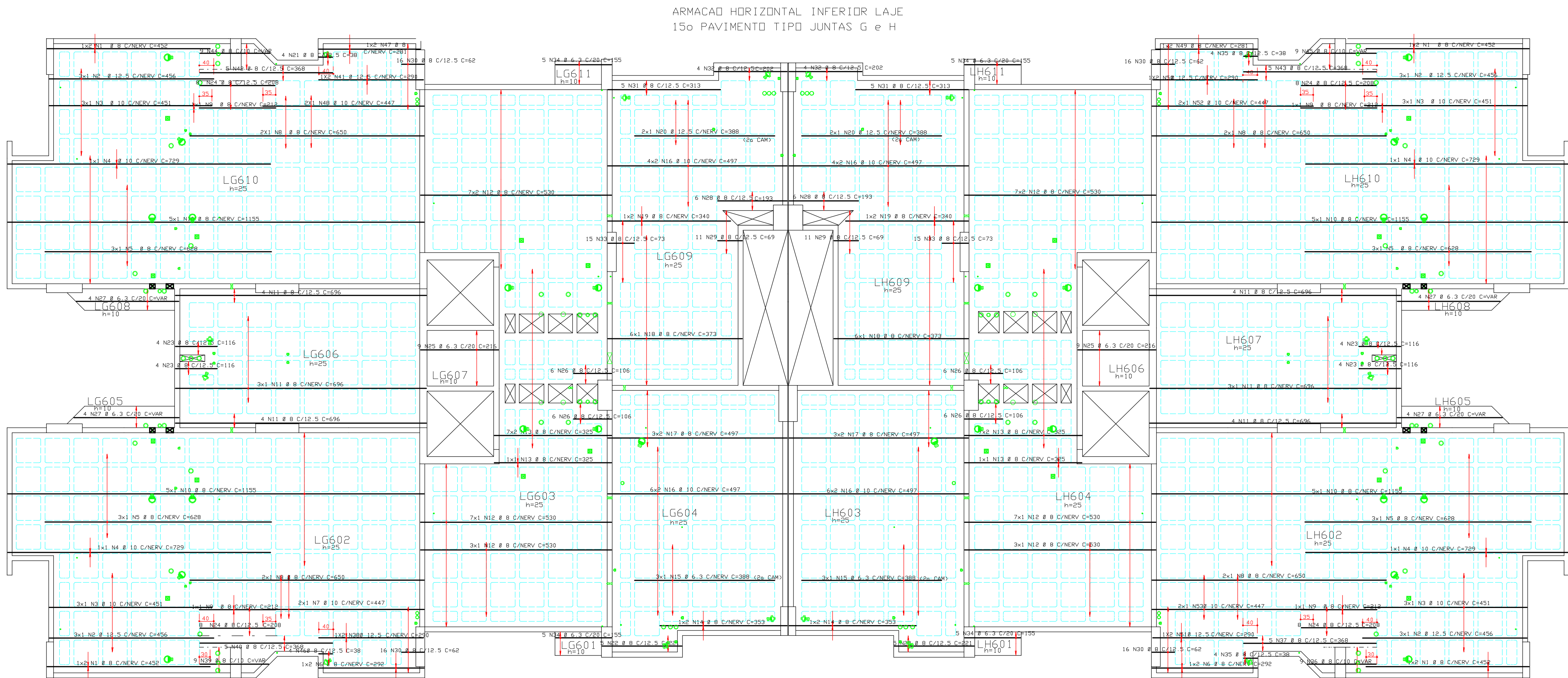
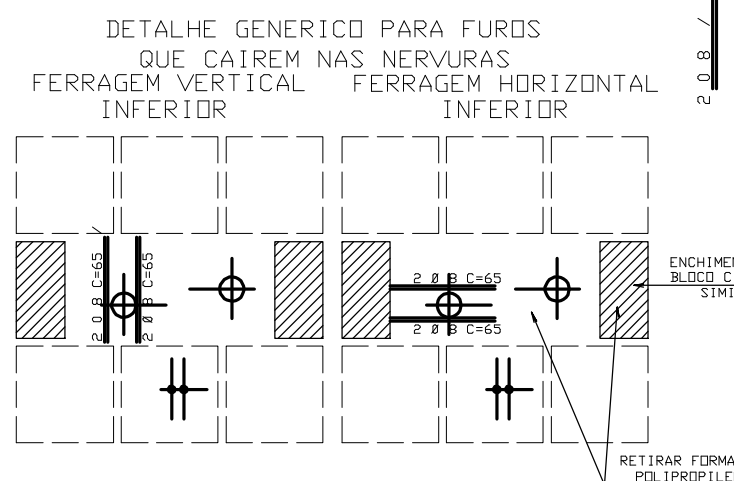
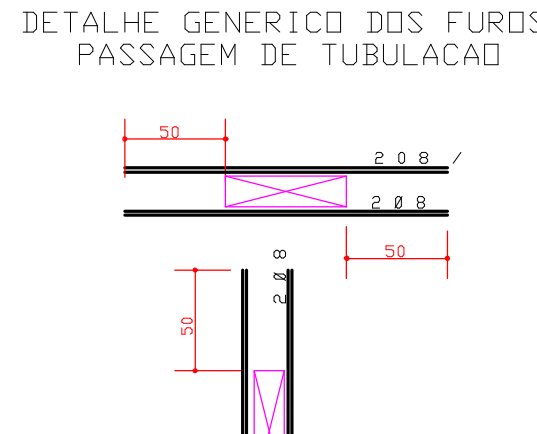
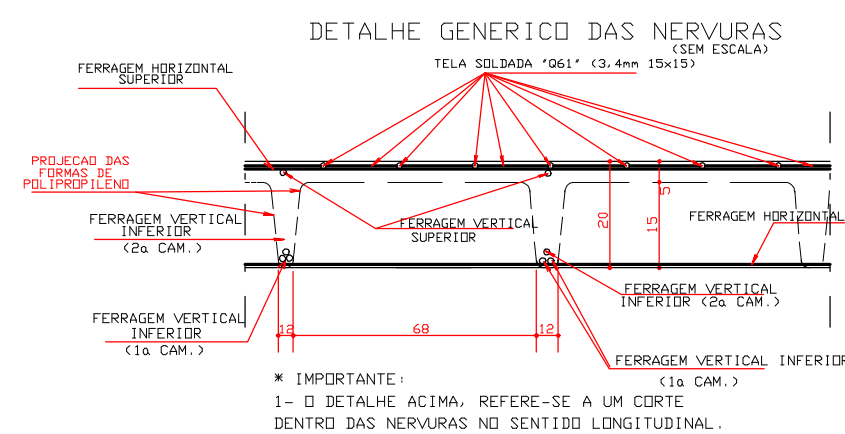
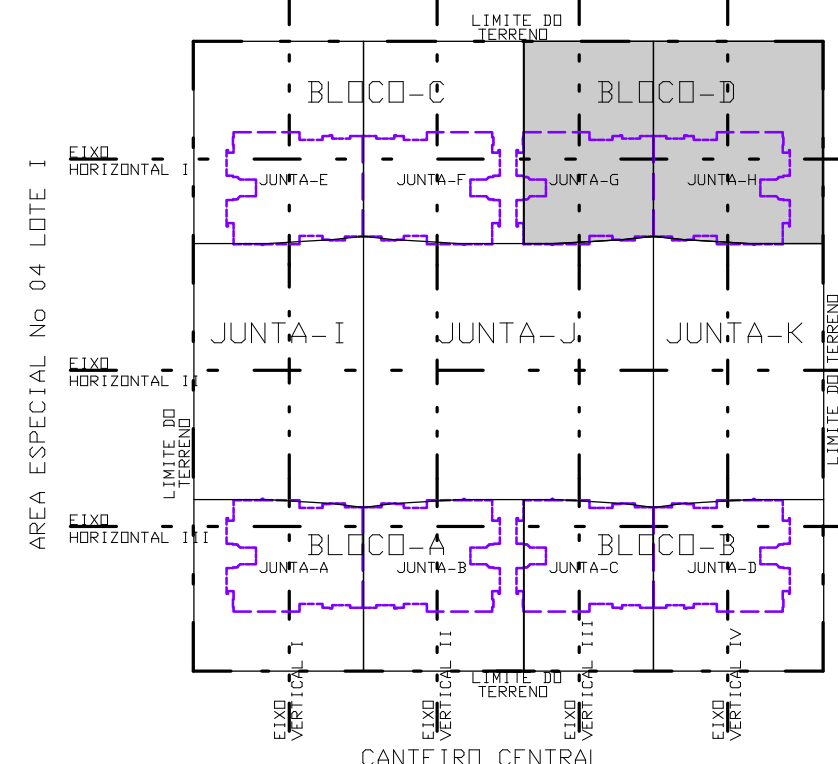




REGIÃO MACICA AO REDOR DOS FUROS PREENCHER COM 0 8 C/12.5



ESQUEMA REMISSIVO

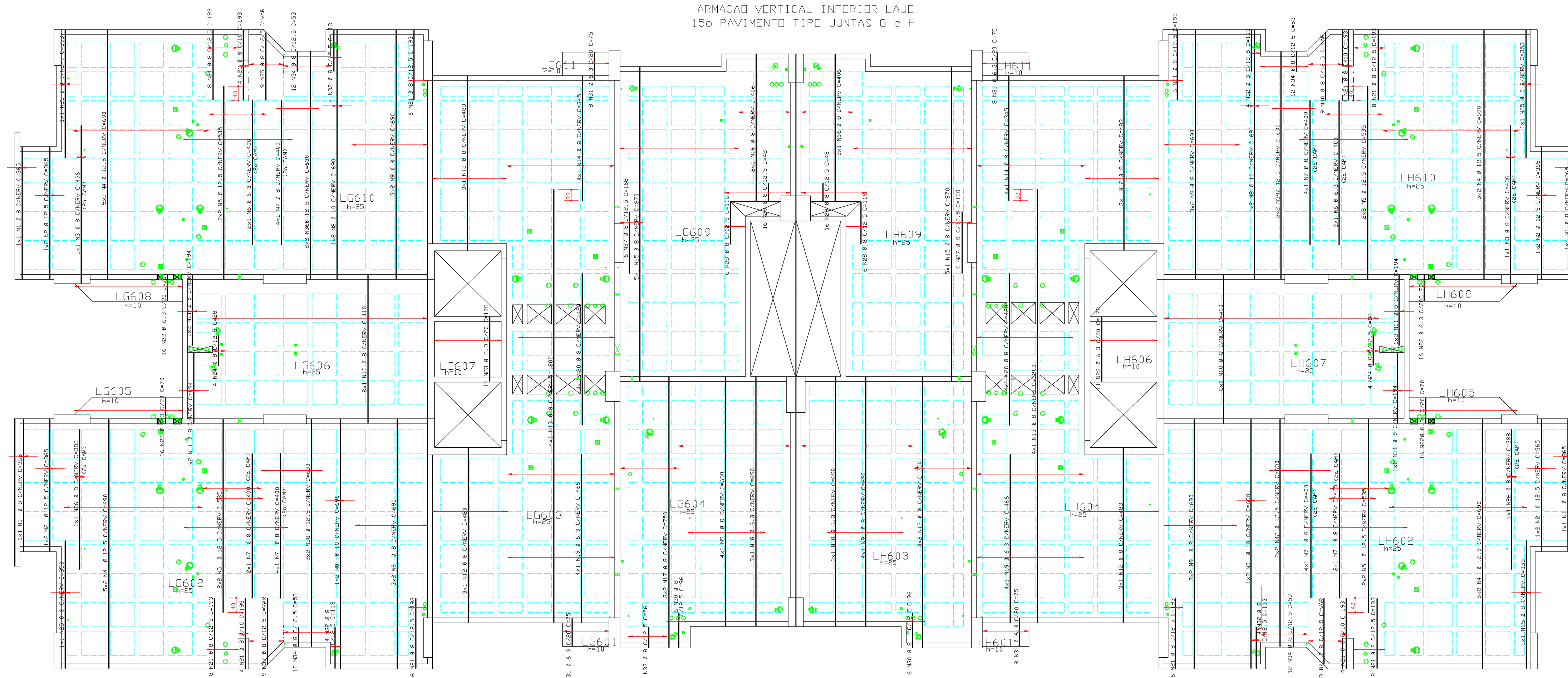


AREA ESPECIAL No 04 LOTE 1

AREA ESPECIAL No 04 LOTE F

ACD	POS	BIT (mm)	QUANT	COMPRIMENTO	
				UNIT (cm)	TOTAL (cm)
ARMACAD HORIZONTAL INFERIOR LAJE					
SOA	1	8	8	452	3616
SOA	2	12.5	12	456	5472
SOA	3	10	12	451	5412
SOA	4	8	4	299	2996
SOA	5	8	4	292	1168
SOA	6	8	4	292	1168
SOA	7	10	2	447	894
SOA	8	8	8	500	5200
SOA	9	8	4	212	848
SOA	10	8	20	1155	23100
SOA	11	8	22	696	15312
SOA	12	8	50	530	26440
SOA	13	8	30	325	9750
SOA	14	8	4	353	1412
SOA	15	6.3	6	388	2328
SOA	16	10	16	497	7952
SOA	17	8	12	497	5964
SOA	18	8	12	373	4476
SOA	19	8	4	340	1360
SOA	20	12.5	4	388	1552
SOA	21	8	4	38	152
SOA	22	8	10	221	2210
SOA	23	8	10	116	1165
SOA	24	8	32	208	6656
SOA	25	6.3	18	216	3888
SOA	26	6.3	24	106	2544
SOA	27	6.3	12	152	1824
SOA	28	8	12	193	2316
SOA	29	8	12	69	1518
SOA	30	8	64	62	3968
SOA	31	8	10	313	3130
SOA	32	8	8	202	1616
SOA	33	8	30	73	2190
SOA	34	3	155	30	4575
SOA	35	8	8	38	304
SOA	36	8	30	179	5370
SOA	37	8	5	368	1840
SOA	38	12.5	2	290	580
SOA	39	8	5	368	1790
SOA	40	8	5	368	1840
SOA	41	12.5	5	368	1840
SOA	42	8	5	368	1840
SOA	43	8	5	368	1840
SOA	44	8	5	368	1746
SOA	45	8	5	368	1746
SOA	46	8	5	368	1746
SOA	47	8	2	281	562
SOA	48	10	2	447	894
SOA	49	8	2	281	562
SOA	50	12.5	2	290	580
SOA	51	12.5	2	290	580
SOA	52	10	2	447	894
SOA	53	12.5	2	290	580

RESUMO ACD CA 50-60			
ACD	BIT (mm)	COMPR (cm)	PESU (kg)
SOA	6.3	139	35
SOA	8	1492	597
SOA	10	318	202
SOA	12.5	93	93
Peso Total		SOA =	925 kg



ACQ	POS	BIT (mm)	QUANT	COMPRIMENTO	
ARMACAD VERTICAL INFERIOR LAJE				UNIT (cm)	TOTAL (cm)
SOA	2	12.5	8	365	2920
SOA	3	10	12	436	4776
SOA	4	10	12	436	4776
SOA	5	10	15	335	3560
SOA	6	8	4	297	1188
SOA	7	8	4	292	1168
SOA	8	10	2	447	894
SOA	9	8	8	650	5200
SOA	10	8	4	312	848
SOA	11	8	20	1155	23100
SOA	12	8	22	696	15312
SOA	13	8	48	530	25440
SOA	14	8	30	325	9750
SOA	15	16.3	6	388	2328
SOA	16	10	16	497	7952
SOA	17	8	12	497	5964
SOA	18	8	12	373	4476
SOA	19	8	4	340	1360
SOA	20	12.5	4	388	1552
SOA	21	8	4	38	152
SOA	22	8	16	221	3536
SOA	23	8	10	116	1392
SOA	24	8	32	208	6656
SOA	25	6.3	18	216	3888
SOA	26	6.3	24	106	2544
SOA	27	6.3	12	152	1824
SOA	28	6.3	12	193	2316
SOA	29	6.3	64	69	4416
SOA	30	6.3	64	62	3968
SOA	31	6.3	10	313	3130
SOA	32	6.3	8	202	1616
SOA	33	6.3	30	73	2190
SOA	34	6.3	30	155	4650
SOA	35	6.3	30	38	1140
SOA	36	6.3	30	368	11040
SOA	37	6.3	30	368	11040
SOA	38	6.3	30	368	11040
SOA	39	6.3	30	368	11040
SOA	40	6.3	30	368	11040
SOA	41	6.3	30	368	11040
SOA	42	6.3	30	368	11040
SOA	43	6.3	30	368	11040
SOA	44	6.3	30	368	11040
SOA	45	6.3	30	368	11040
SOA	46	6.3	30	368	11040
SOA	47	6.3	30	368	11040
SOA	48	6.3	30	368	11040
SOA	49	6.3	30	368	11040
SOA	50	6.3	30	368	11040
SOA	51	6.3	30	368	11040
SOA	52	6.3	30	368	11040
SOA	53	6.3	30	368	11040

RESUMO ACD CA 50-60			
ACD	BIT (mm)	COMPR (cm)	PESU (kg)
SOA	6.3	139	35
SOA	8	1492	597
SOA	10	318	202
SOA	12.5	93	93
Peso Total		SOA =	1040 kg

COBRIMENTO DA ARMADURA:

- LAJES = 2,0 cm
 - VIGAS E PILARES = 2,5 cm
 - BLOCOS, BALDRAMES E CONTENDES (FACE EM CONTATO COM A TERRA) = 3,0 cm
1. ESSES COBRIMENTOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.
- COBRIMENTOS ESPECIFICOS EM CONTRARIO AOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NOS DESENHOS DE FORMAS DOS PAVIMENTOS.

NORMAS UTILIZADAS:

NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO

NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACAO

FCK = 30 MPa

EC = 26 GPa (MODULO DE ELASTICIDADE SECANTE AOS 28 DIAS)

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

0	22/09/2010	EMISSAO INICIAL				
REV	DATA	DESCRICAO				
Simetria Engenharia PROJETOS ESTRUTURAIS						
PROJETO ESTRUTURAL						
CLIENTE:	DISCO INCORPORADORA					
OBRA:	EDIFICIO RESIDENCIAL OLYMPIQUE					
ENCOMENDADO POR:	AREA ESPECIAL - 04 LOTES G e H GUARA DF					
DESCRIÇÃO:	ARMACAD INFERIOR LAJE 15o PAVIMENTO					
DESENHISTA:	DATA:	ESCALA:	UNIDADE:			
ARGUMENTO PLT:	421-EST-376-XXX-000 .PLT	1:75	CM			
PROPRIETARIO:	RESPONSÁVEL TÉCNICO					
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL						
SIMETRIA ENGENHARIA E PROJETOS S/C LTDA CREA: 0725/ARF						

