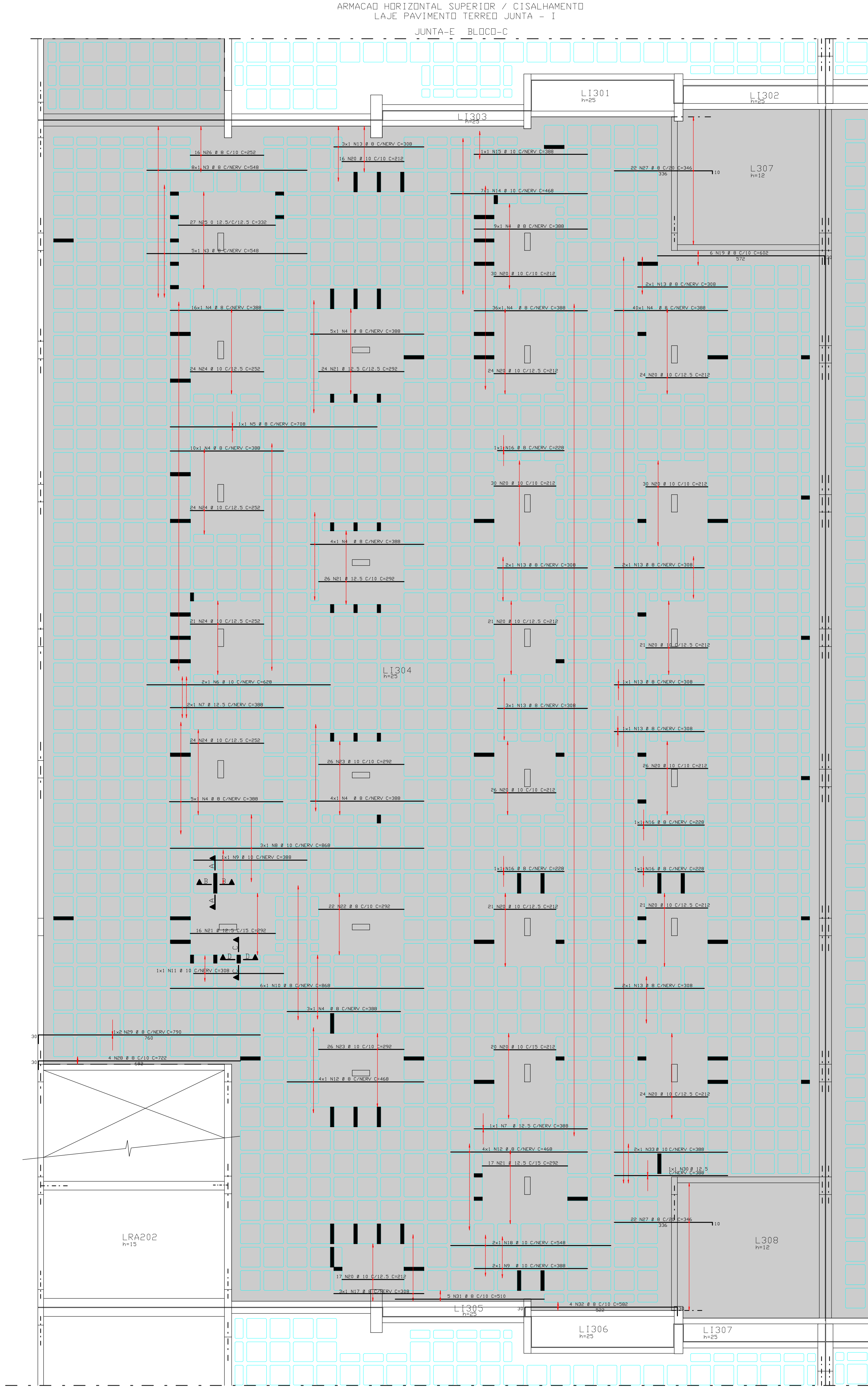
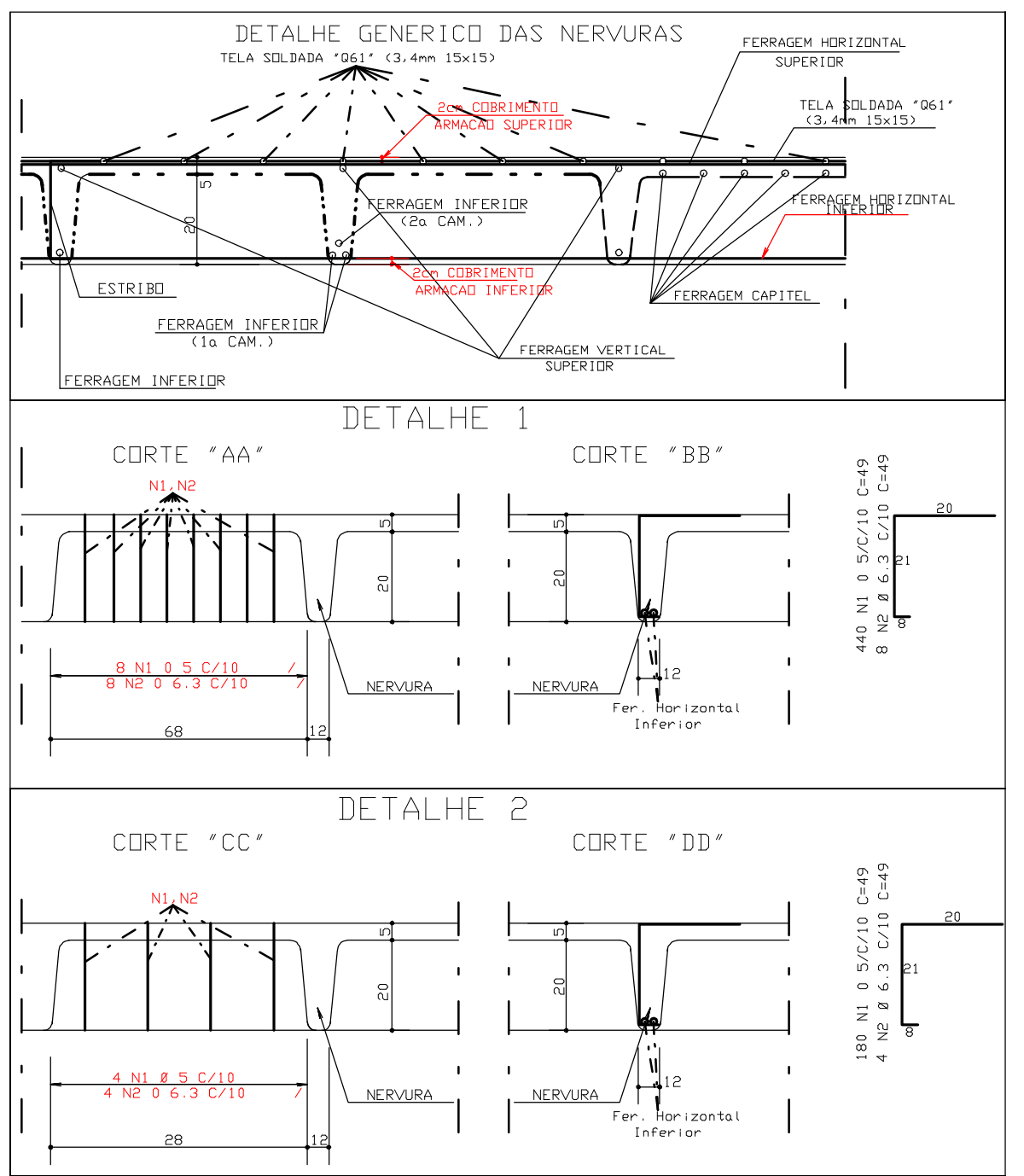


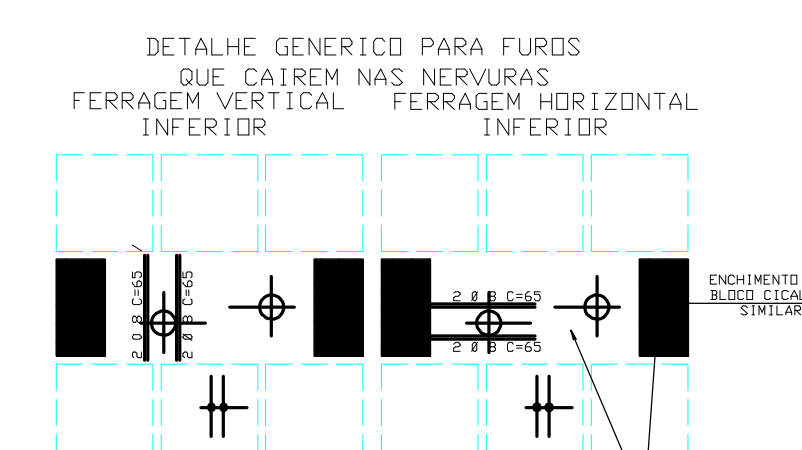


ACO	PDS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
(cm)	(cm)	(cm)	(m)	(m)	(m)	(m)
ARMACAO HORIZONTAL SUPERIOR / CISCALHAMENTO						
50A	2	5	400	49	30880	
50A	2	6.3	12	49	588	
50A	3	8	13	548	7124	
50A	4	8	132	388	51216	
50A	5	10	1	788	128	
50A	6	10.5	3	628	1256	
50A	6	10.5	3	988	1164	
50A	8	10	3	388	1164	
50A	9	10	3	388	1164	
50A	10	8	6	888	7200	
50A	11	10	1	388	392	
50A	12	8	1	468	3544	
50A	13	8	16	388	4928	
50A	14	10	7	468	3576	
50A	15	10	1	388	392	
50A	16	8	1	388	392	
50A	17	8	2	388	776	
50A	18	10	2	248	1096	
50A	19	8	6	652	2612	
50A	20	10	351	212	74412	
50A	21	12.5	83	292	24236	
50A	22	8	20	292	6424	
50A	23	10	332	292	13184	
50A	24	10	93	232	23436	
50A	25	12.5	27	232	8864	
50A	26	8	18	232	4176	
50A	27	8	44	244	15224	
50A	28	8	4	152	2888	
50A	29	8	2	790	1580	
50A	30	12.5	1	388	388	
50A	31	8	3	310	2530	
50A	32	8	2	388	2530	
50A	33	10	2	388	776	

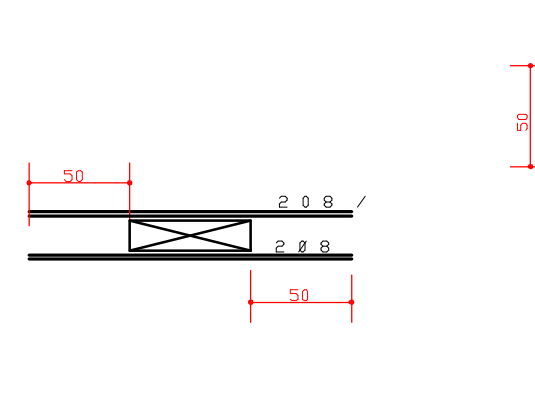
RESUMO ACO CA 50-58			
ACO	BIT	COMPR	PESO
(cm)	(cm)	(m)	(kg)
50A	5	304	49
50A	5.5	6	454
50A	6	1134	781
50A	10	1229	348
50A	12.5	348	49
Peso Total			1583 kg



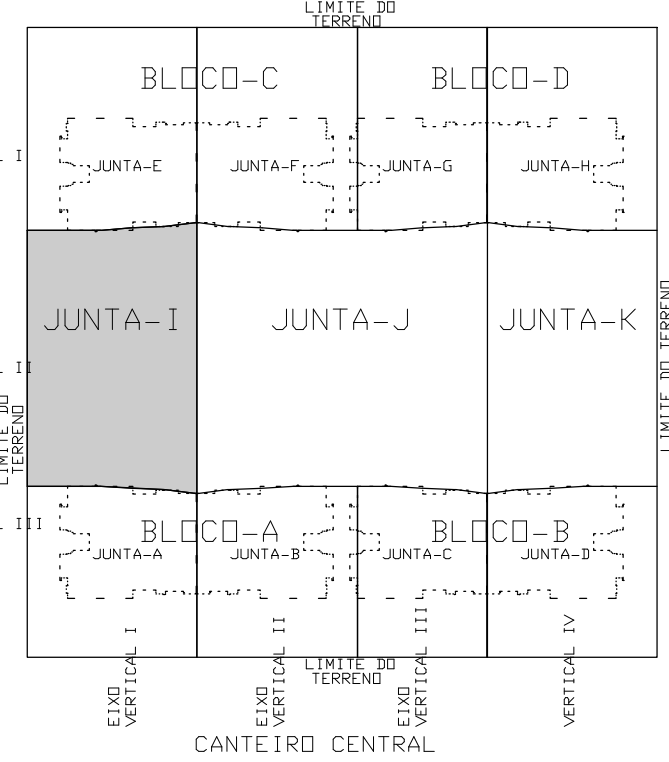
RECIMA MACICA AO REDOR DOS FURDS PROCEHER CDB # 8 C/10



DETALHE GERAL DAS NERVURAS

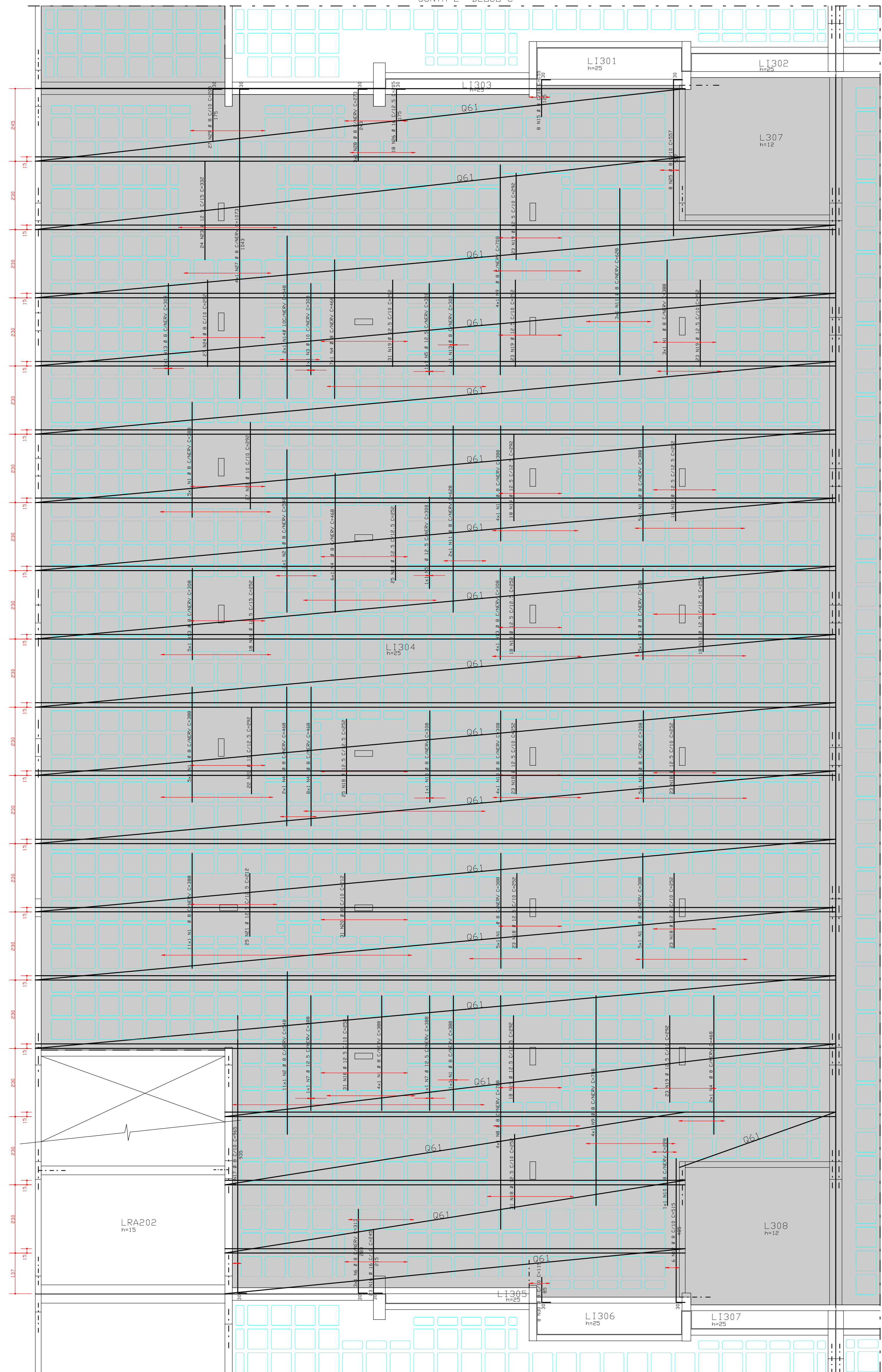


ESQUEMA REMISSIVO



ARMACAO VERTICAL SUPERIOR LAJE PAVIMENTO TERREO JUNTA - I

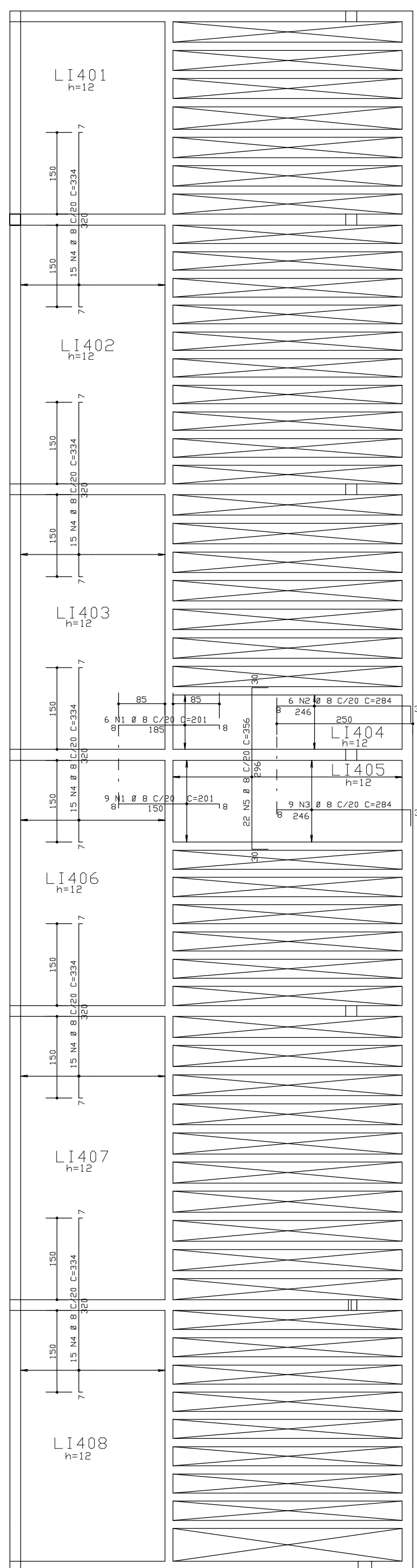
JUNTA-E BLOCO-C



ACO	PDS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
(cm)	(cm)	(cm)	(m)	(m)	(m)	(m)
ARMACAO VERTICAL SUPERIOR						
50A	2	8	48	388	18528	
50A	3	10	13	548	7124	
50A	4	10	2	388	756	
50A	5	10	2	468	1170	
50A	6	10	2	388	756	
50A	8	10	2	313	939	
50A	9	10	2	388	776	
50A	10	8	8	788	2644	
50A	11	8	5	628	3140	
50A	12	8	6	512	3072	
50A	13	8	26	388	10088	
50A	14	10	7	548	3836	
50A	15	10	8	125	1250	
50A	16	8	29	340	9860	
50A	17	8	40	388	15520	
50A	18	12.5	258	252	65016	
50A	19	12.5	177	292	51684	
50A	20	8	31	212	6572	
50A	21	12.5	85	212	18000	
50A	22	10	49	292	14308	
50A	23	12.5	84	332	27864	
50A	24	8	27	292	7884	
50A	25	8	27	292	7884	
50A	26	10	18	312	5616	
50A	27	8	4	1073	4292	
50A	28	8	3	273	819	
50A	29	8	27	292	7884	
50A	30	8	8	113	3020	

RESUMO ACO CA 50-60			
ACO	BIT	COMPR	PESO
(cm)	(cm)	(m)	(kg)
50A	10	912	388
50A	10	127	19
50A	12.5	134	1314
50A	12.5	34	1314
Peso Total			1951 kg

ARMACAO SUPERIOR CDB. CHURRASCO. (PERGOLADO)



ACO	PDS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
(cm)	(cm)	(cm)	(m)	(m)	(m)	(m)
ARMACAO SUPERIOR CDB. CHURRASCO. (PERGOLADO)						
50A	2	8	113	388	35024	
50A	3	8	9	284	2556	
50A	4	8	75	334	25050	
50A	5	8	20	292	5840	

RESUMO ACO CA 50-60			
ACO	BIT	COMPR	PESO
(cm)	(cm)	(m)	(kg)
50A	8	288	151
Peso Total			151 kg

COBRIMENTO DA ARMADURA:

- LAJES = 2.0 cm
- VIGAS E PILARES = 2.5 cm
- BLOCOS, BALANES E CONTENEDORES (FACE EM CONTATO COM A TERRA) = 3.0 cm
- CORDOES COBRIMENTOS INTERIORES DOS CANTOS COM O USO DE ENCAIXES DA PASSAGEM.

COBRIMENTOS ESPECIFICADOS EM CONTRAINDICADO NOS VALORES INDICADOS ACIMA. ESTAO INDICADOS NOS DESENHOS E NOMES DAS NORMAS.

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

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

FCK = 35 MPa
EC = 28 GPa
A/C = 0.65

1a 28/01/2013 APROBACAO ARMADURA LAJE COBERTURA CHURRASQUEIRA

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