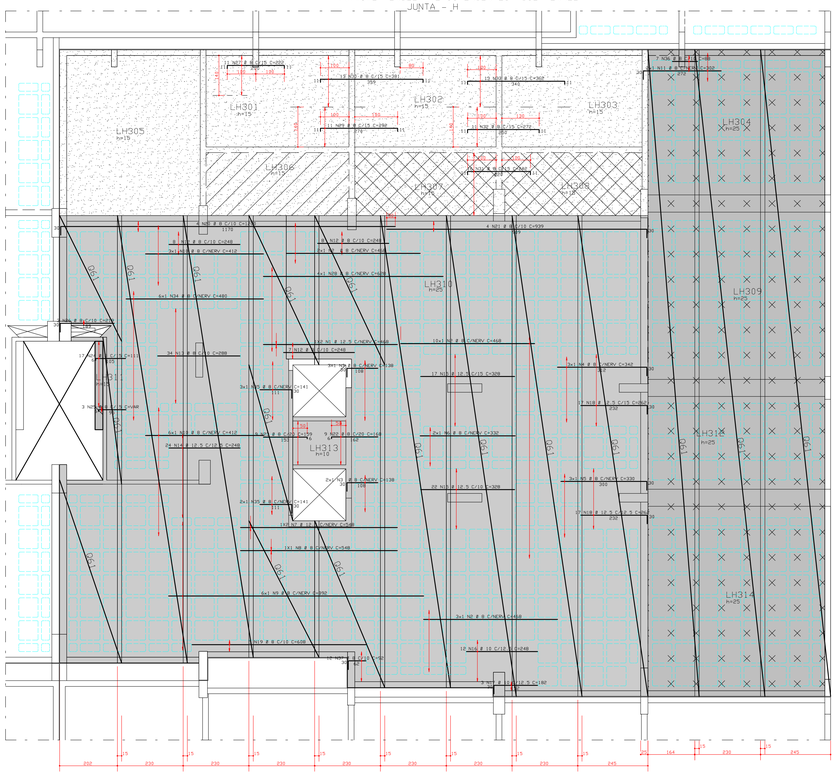
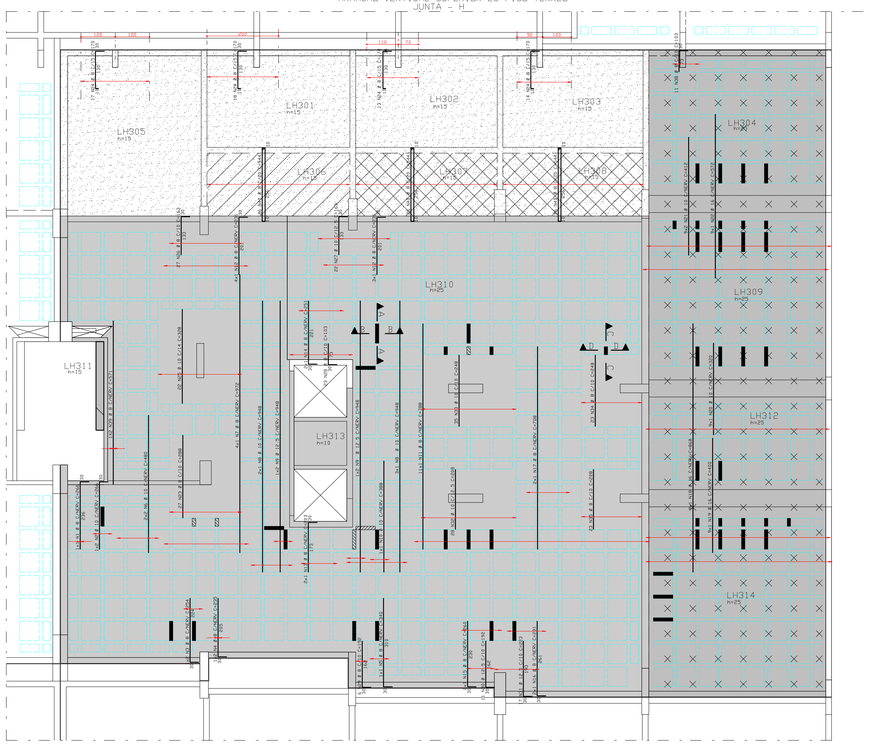
ARMACAO HORIZONTAL SUPERIOR LJ PISO TERREO
JUNTA - H



ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
ARMACAO HORIZONTAL SUPERIOR LJ PISO TERREO					
50A	1	12.5	2	468	936
50A	2	8	15	468	7020
50A	3	8	5	138	690
50A	4	8	2	342	1026
50A	5	8	3	330	990
50A	6	8	2	332	664
50A	7	12.5	2	548	1096
50A	8	8	1	548	548
50A	9	8	6	892	5352
50A	10	8	2	154	308
50A	11	8	2	312	624
50A	12	8	23	248	5704
50A	13	8	34	288	9792
50A	14	12.5	24	248	5952
50A	15	12.5	39	328	12792
50A	16	10	12	248	2976
50A	17	10	3	182	546
50A	18	12.5	34	262	8908
50A	19	8	5	608	3040
50A	20	8	4	1200	4800
50A	21	8	4	939	3756
50A	22	8	9	168	1512
50A	23	8	9	159	1431
50A	24	8	17	111	1887
50A	25	8	3	...VAR...	303
50A	26	8	3	219	657
50A	27	8	11	222	2442
50A	28	8	4	628	2512
50A	29	8	11	292	3212
50A	30	8	13	381	4953
50A	31	8	16	242	3872
50A	32	8	11	272	2992
50A	33	8	12	362	4344
50A	34	8	6	480	2880
50A	35	8	5	141	705
50A	36	8	7	88	616
50A	37	8	12	92	1104

RESUMO ACO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
50A	8	835	334
50A	10	35	22
50A	12.5	297	297
Peso Total: 50A =			653 kg

ARMACAO VERTICAL SUPERIOR LJ PISO TERREO
JUNTA - H



ACO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
ARMACAO VERTICAL SUPERIOR LJ PISO TERREO					
50A	1	8	1	266	266
50A	2	10	2	266	532
50A	3	8	2	254	508
50A	4	8	2	235	470
50A	5	8	1	340	340
50A	6	10	4	480	1920
50A	7	8	4	972	3888
50A	8	10	5	948	4740
50A	9	12.5	4	948	3792
50A	10	10	1	388	388
50A	11	8	11	788	8668
50A	12	8	7	231	1617
50A	13	8	2	203	406
50A	14	8	2	260	520
50A	15	8	2	261	522
50A	16	8	2	291	582
50A	17	8	2	708	1416
50A	18	16	9	868	7812
50A	19	16	9	400	3600
50A	20	10	9	320	2880
50A	21	10	18	412	7416
50A	22	16	9	572	5148
50A	23	8	27	288	7776
50A	24	8	62	170	10540
50A	25	10	22	328	7216
50A	26	8	27	163	4401
50A	27	10	22	163	3586
50A	28	8	23	103	2369
50A	29	8	6	192	1152
50A	30	12.5	11	192	2112
50A	31	12.5	17	223	3791
50A	32	10	28	208	5824
50A	33	10	25	248	8680
50A	34	8	23	248	5704
50A	35	8	23	208	4784
60B	36	5	348	49	17052
50A	37	6.3	28	49	1372
50A	38	8	11	103	1133
50A	39	8	2	571	1142
50A	40	8	78	544	42432

RESUMO ACO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	171	27
50A	6.3	14	3
50A	8	1006	402
50A	10	430	272
50A	12.5	97	94
50A	16	166	265
Peso Total: 60B =			27 kg
Peso Total: 50A =			1040 kg

COBRIMENTO DA ARMADURA[1]:
- LAJES = 2.0 cm
- VIGAS E PILARES = 2.5 cm
- BLOCOS, BALDRAMES E CONTENCOES (FACE EM CONTATO COM A TERRA) = 3.0 cm

1: ESSES COBRIMENTOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.
COBRIMENTOS ESPECIFICIOS EM CONTRARIO AOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NOS DESENHOS DE FORMAS DOS PAVIMENTOS.

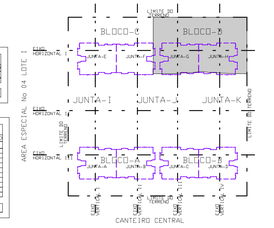
NORMAS UTILIZADAS:
NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO
NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOES

FCK= 30 MPa
EC = 26 GPa (MODULO DE ELASTICIDADE SECANTE AOS 28 DIAS).
A/C = 0,65 (FATOR AGUA CIMENTO)

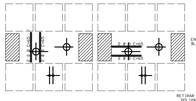
RESUMO TELA Q61 LH304\LH309\LH312 e LH314				
QUANT	DIMENSOES	AREA (m 2)	PESO (Kg)	
2	2.45 x 60.86	110.84	127.57	
1	1.25 x 60.86	45.64	26.18	
PESO TOTAL (Kgf/m2)			146.79	

RESUMO TELA Q61 LH310				
QUANT	DIMENSOES	AREA (m 2)	PESO (Kg)	
3	2.45 x 16.80	123.63	119.90	
2	2.45 x 21.31	62.25	20.24	
2	2.45 x 5.20	25.38	24.61	
1	2.45 x 7.77	19.03	18.45	
1	2.45 x 5.77	12.03	11.67	
1	1.54 x 5.46	8.41	8.16	
1	2.45 x 16.80	41.16	39.91	
1	2.45 x 18.28	36.59	35.48	
1	2.45 x 4.85	11.88	9.26	
1	2.45 x 5.77	14.13	14.06	
1	2.45 x 5.77	14.13	14.06	
PESO TOTAL (Kgf/m2)			317.25	

ESQUEMA REMISSIVO

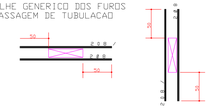


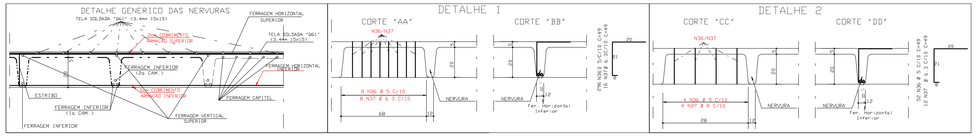
DETALHE GENERICO PARA FUROS QUE CAIREM NAS NERVURAS



REGIAO MACICA AO REDOR DOS FUROS PRENCHER COM 0 8 C/10

DETALHE GENERICO DOS FUROS
PASSAGEM DE TUBULACAO





REV	DATA	DESCRICAO
0	01/06/2010	EMISSAO INICIAL

Simetria Engenharia
S.I.C.R.E.A. 1.1.1.