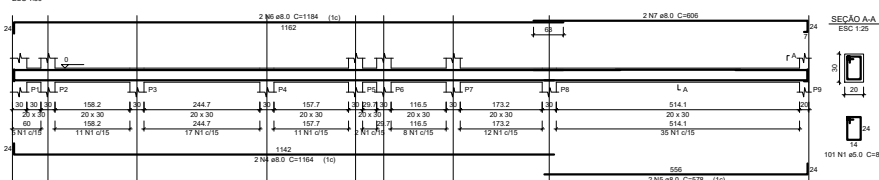
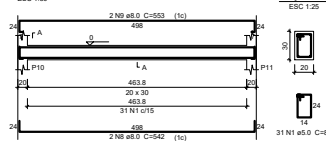


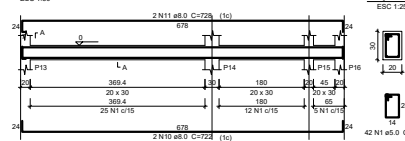
C1



C2



C3



Relação do aço

C1	C2	C3
C4	C5	C6
C7	C8	C9
C10	C11	C12
C13	C14	C15
C16	C17	C18
C19	C20	C21
C22	C23	C24

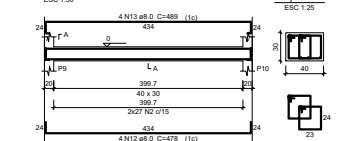
ACO	N	DIAM	QUANT	CUNTA	C.TOTAL
CA50	1	8.0	482	88	42418
CA50	2	5.0	158	106	16749
CA50	3	5.0	14	112	1566
CA50	4	8.0	2	1164	2328
CA50	5	8.0	2	576	1152
CA50	6	8.0	2	1194	2388
CA50	7	8.0	2	936	1872
CA50	8	8.0	2	542	1084
CA50	9	8.0	2	553	1106
CA50	10	8.0	2	722	1444
CA50	11	8.0	2	728	1456
CA50	12	8.0	4	476	1912
CA50	13	8.0	4	489	1956
CA50	14	8.0	8	303	2424
CA50	15	8.0	8	314	2512
CA50	16	8.0	2	467	934
CA50	17	8.0	2	478	956
CA50	18	8.0	2	263	526
CA50	19	8.0	2	270	540
CA50	20	8.0	4	573	2292
CA50	21	8.0	4	562	2248
CA50	22	8.0	2	128	256
CA50	23	8.0	2	129	258
CA50	24	8.0	2	274	548
CA50	25	8.0	2	278	556
CA50	26	8.0	2	487	974
CA50	27	8.0	2	498	996
CA50	28	8.0	8	338	2704
CA50	29	8.0	8	249	1992
CA50	30	8.0	2	852	1704
CA50	31	8.0	2	856	1712
CA50	32	8.0	6	158	948
CA50	33	8.0	2	159	318
CA50	34	8.0	4	403	1612
CA50	35	8.0	4	414	1656
CA50	36	8.0	2	737	1474
CA50	37	8.0	2	743	1486
CA50	38	8.0	4	169	676
CA50	39	8.0	2	338	676
CA50	40	8.0	2	351	698

Resumo do aço

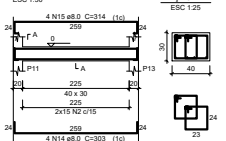
ACO	DIAM	C.TOTAL	PESO + 10 %
CA50	8.0	4818	212.8
CA50	5.0	607.4	103
PESO TOTAL			(kg)
CA50		212.8	
CA50		103	

Volume de concreto (C-20) = 6.63 m³
 Área de forma = 79.44 m²

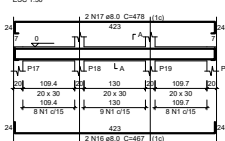
C4



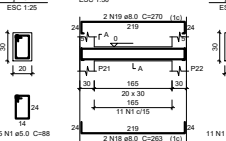
C5



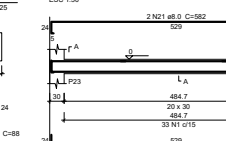
C6



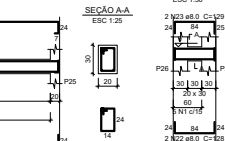
C7



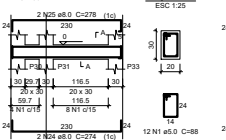
C8



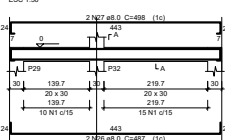
C9



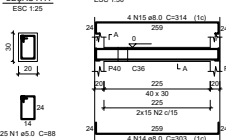
C10



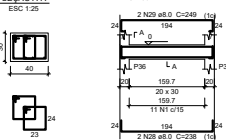
C11



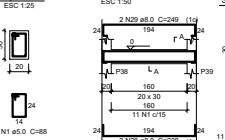
C12



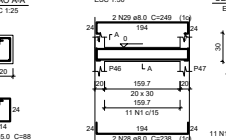
C13



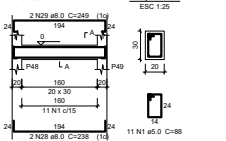
C14



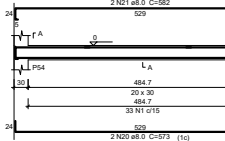
C15



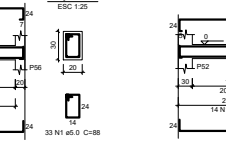
C16



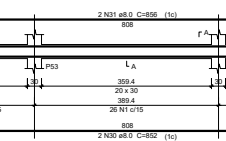
C17



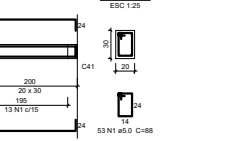
C18



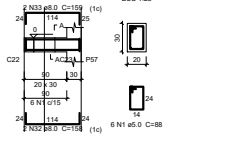
C19



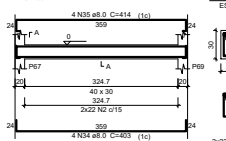
C20



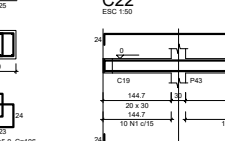
C21



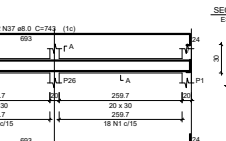
C22



C23



C24



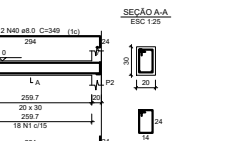
C25



C26



C27



NOTAS	
1	Ator rigido controlado de qualidade na obra quanto a observancia de medidas conforme item 7.4.7.4 da NBR 6118/2003.
2	Medidas em centimetros e n niveis em metros.
3	Concreto estrutural fck = 20 MPa (valor Agua/Cimento = 0.65).
4	Se todas peças de concreto em contato com o solo utilizar form de concreto magro
5	Placas com altura variavel
6	Armagem do pilar com laje continua até o menor cota da estaca
7	Toda tipo de estrutura especificada deve ser a 15cm abaixo do piso acabado
8	Indicar as altura conforme projeto arquitetônico
Revisões da prancha	
0	Emissão inicial
Nº	Comentário
1	Daniel M. 11/04/18
2	Autógr
3	Data
PROJETO DE CALCULO ESTRUTURAL	
TITULO: PISTA DE SKATE	
LOCALIZACAO: Lagoa Santa, Rua Minor Campos esquina com Rua Virgilio de Melo Franco	
RESPONSÁVEL TÉCNICO:	ARTHUR FERNANDO PEREIRA MACEDO - CREA: 217.301/2
PROJETO:	ARMACAO DO CONTAMENTO - PARTE 1/2
COORDENADOR:	ARTHUR FERNANDO PEREIRA MACEDO
PROJETO:	PREFEITURA MUNICIPAL DE LAGOA SANTA
DATA:	12/04/18
ORCA:	INDICADA
5/8	