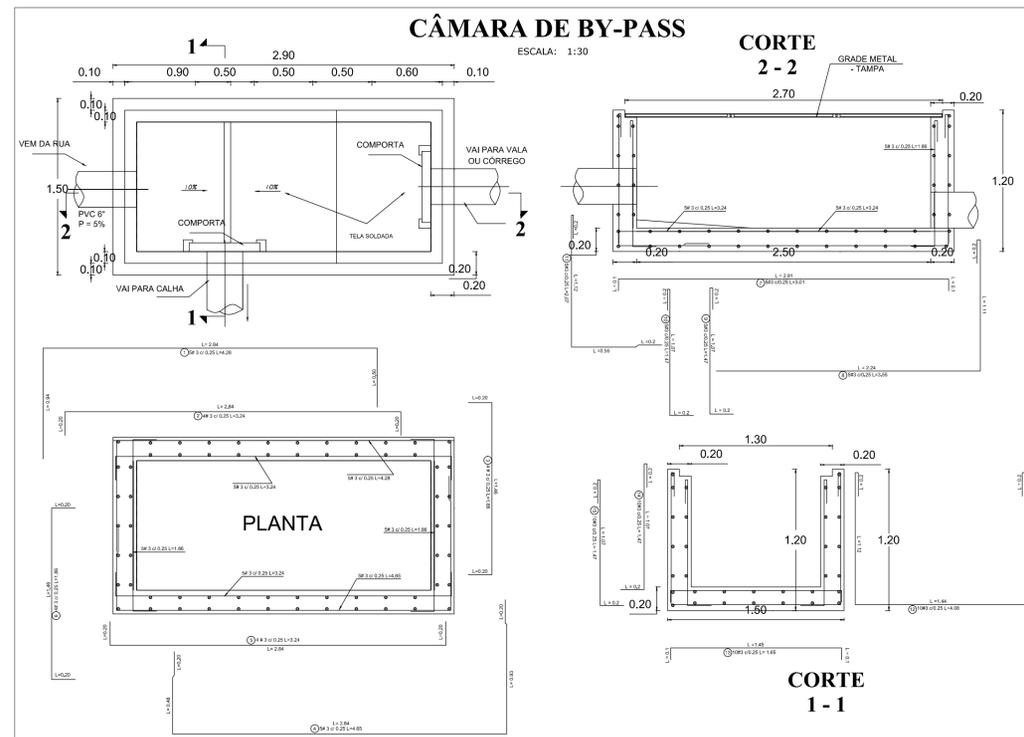
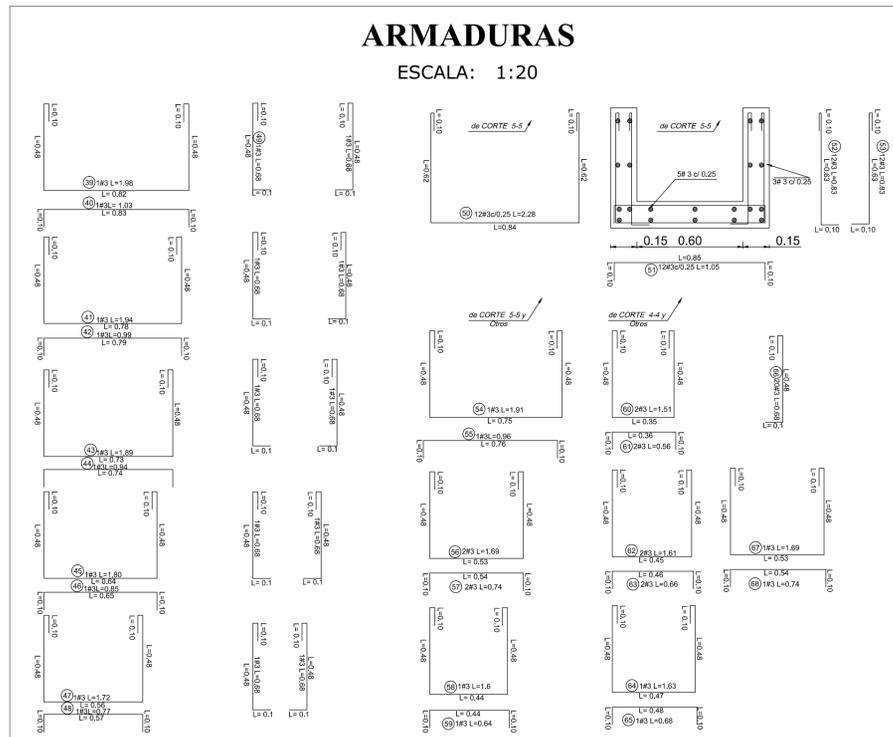


QUANTITATIVO

LASTRO DE BRITA - 0,48M3
CONCRETO FCK 20 MPA 2,41M3
FERRO 297,56KG
FORMA DE MADEIRA 42,68M²

QUADRO DE ARMADURAS									
Ord.	Bar	Diã.	FORMA	Ø	Comprim.	Comprim. (m)	Peso barra (kg/m)	PESO (kg)	PESO (kg)
01	0.901	2.94	30.94	30	4.26	5	0.556	11.89	
02	2.94	0.2	30	30	3.24	4	0.556	7.20	
03	1.46	0.2	30	30	1.86	4	0.556	4.14	
04	2.84	1.13	30	30	4.85	5	0.556	12.90	
05	2.84	0.2	30	30	3.24	4	0.556	7.21	
06	1.46	0.2	30	30	1.86	4	0.556	4.14	
07	1.46	0.2	30	30	3.01	6	0.556	8.307	
08	1.46	0.11	30	30	3.55	5	0.556	9.87	
09	2.24	1.2	30	30	1.47	10	0.556	8.17	
10	1.07	0.2	30	30	2.07	5	0.556	5.75	
11	1.44	1.28	30	30	4.08	10	0.556	22.68	
12	1.46	0.2	30	30	1.86	4	0.556	4.14	
13	1.46	0.2	30	30	1.47	30	0.556	14.34	
14	2.07	0.2	30	30	4.42	3	0.556	7.37	
15	2.07	0.2	30	30	4.1	3	0.556	6.84	
16	1.96	0.2	30	30	2.06	3	0.556	3.44	
17	1.96	0.2	30	30	2.44	3	0.556	4.07	
18	2.15	0.2	30	30	2.25	3	0.556	3.75	
19	2.26	0.2	30	30	2.88	3	0.556	4.77	
20	2.26	0.2	30	30	4.07	3	0.556	6.78	
21	2.07	0.2	30	30	4.01	3	0.556	6.68	
22	1.96	0.2	30	30	1.62	3	0.556	2.7	
23	1.96	0.2	30	30	1.60	3	0.556	2.67	
24	1.51	0.2	30	30	1.61	3	0.556	2.68	
25	1.50	0.2	30	30	1.60	3	0.556	2.67	
26	1.94	0.2	30	30	1.82	3	0.556	2.90	
27	0.94	0.2	30	30	0.85	2	0.556	0.96	
28	0.45	0.2	30	30	1.01	5	0.556	2.80	
29	0.84	0.2	30	30	2.00	5	0.556	5.64	
30	0.78	0.2	30	30	2.00	5	0.556	5.64	
31	2.37	0.2	30	30	2.47	5	0.556	6.86	
32	0.66	0.2	30	30	1.33	5	0.556	3.68	
33	2.43	0.2	30	30	2.63	5	0.556	7.31	
34	0.4	0.2	30	30	0.82	3	0.556	2.34	
35	0.4	0.2	30	30	3.88	5	0.556	10.78	
36	0.78	0.2	30	30	1.34	5	0.556	3.72	
37	0.94	0.1	30	30	1.03	6	0.556	3.44	
38	0.92	0.1	30	30	1.98	1	0.556	1.10	
39	0.83	0.1	30	30	1.03	1	0.556	0.57	
40	0.78	0.1	30	30	1.94	1	0.556	1.08	
41	0.78	0.1	30	30	0.92	2	0.556	0.96	
42	0.78	0.1	30	30	1.89	1	0.556	1.05	
43	0.72	0.1	30	30	0.94	1	0.556	0.52	
44	0.64	0.1	30	30	1.80	1	0.556	1.00	
45	0.65	0.1	30	30	0.85	1	0.556	0.47	
46	0.56	0.1	30	30	1.72	1	0.556	0.96	
47	0.67	0.1	30	30	0.77	1	0.556	0.43	
48	0.68	0.1	30	30	0.82	12	0.556	4.54	
49	0.49	0.1	30	30	2.28	12	0.556	15.21	
50	0.84	0.1	30	30	1.05	12	0.556	7.00	
51	0.83	0.1	30	30	0.83	24	0.556	11.07	
52	0.75	0.1	30	30	1.91	1	0.556	1.06	
53	0.75	0.1	30	30	0.96	1	0.556	0.53	
54	0.75	0.1	30	30	1.89	2	0.556	1.88	
55	0.53	0.1	30	30	0.74	2	0.556	0.82	
56	0.54	0.1	30	30	1.4	1	0.556	0.78	
57	0.44	0.1	30	30	0.64	1	0.556	0.35	
58	0.36	0.1	30	30	1.51	2	0.556	1.66	
59	0.36	0.1	30	30	0.56	2	0.556	0.62	
60	0.45	0.1	30	30	1.61	2	0.556	1.79	
61	0.45	0.1	30	30	0.86	2	0.556	0.93	
62	0.45	0.1	30	30	1.83	1	0.556	1.02	
63	0.27	0.1	30	30	0.66	1	0.556	0.36	
64	0.28	0.1	30	30	0.68	20	0.556	7.56	
65	0.33	0.1	30	30	1.69	1	0.556	0.94	
66	0.33	0.1	30	30	0.74	1	0.556	0.41	
TOTAL DE AÇO								297,56 KG	
PERDAS 5%								300,00 KG	



Nº	DESCRIÇÃO	DATA	RESPONSÁVEL
03			
02			
01			

REVISÕES

PREFEITURA MUNICIPAL DE SUZANÁPOLIS
Setor de Obras e Serviços Urbanos

SINFEHIDRO-SJD 383

ASSUNTO: ECHE - CALHA PARSHALL - ESTRUTURAL

ENDEREÇO: PATRIMÔNIO SÃO JORGE - SUZANAPOLIS/SP

BAIRRO: PATRIMÔNIO SÃO JORGE

CIDADE: SUZANÁPOLIS/SP

ÁREAS CALHA/BY-PASS: 5,30m² + 4,35m²

DATA-BASE: 01/08/2019

ESCALAS: INDICADAS

FOLHA Nº: 02-10