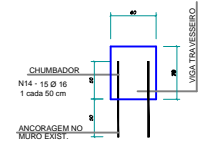
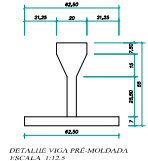
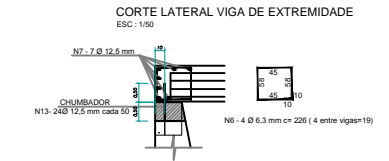
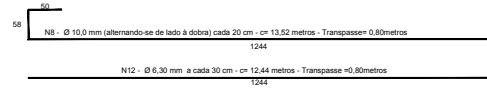
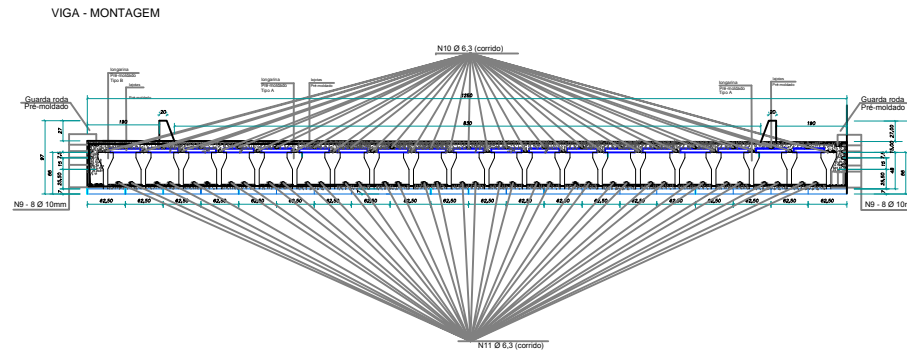
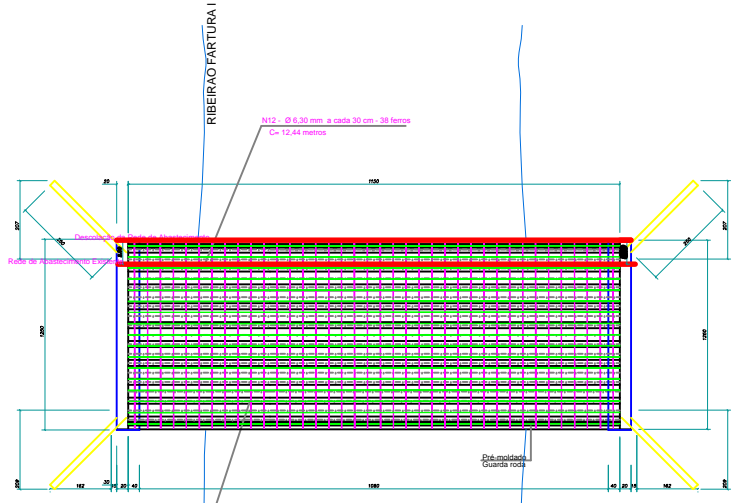


ELEVACÃO LATERAL  
ESC: 1/50



DETALHE ANCORAGEM  
ESC: 1/25

OBS: 1) Unidades em cm  
2) Para balanço da viga > 1,0 m < 1,2 m utilizar barras de N6 e N8 + 20 mm  
3) Concreto 25 mpa



PLANTA  
ESC: 1/50

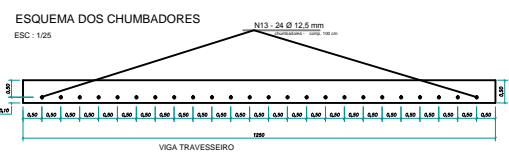
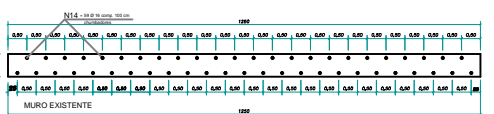
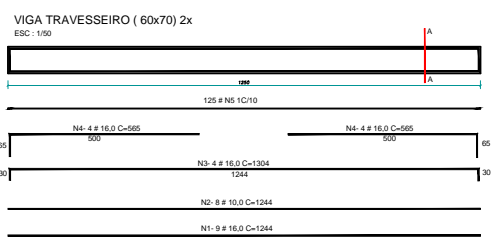
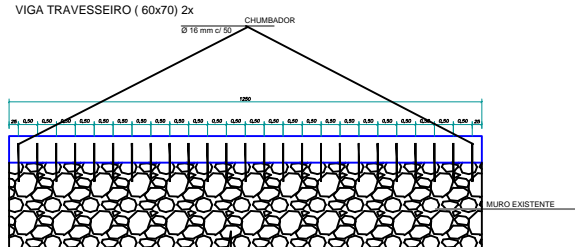
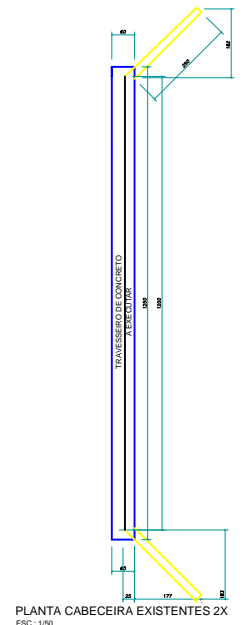


TABELA DO AÇO  
VIGAS DE EXTREMIDADE,  
VIGAS LATERAIS E LAJES


N	Ø(mm)	Quant.	Compr.(m)	Total (m)	Massa(kg/m)	PESO(kg)	Barras (12m)
01	16	18	12,44	223,92	1,578	353,34	19
02	10	16	12,44	199,04	0,617	122,81	17
03	16	8	13,04	104,32	1,578	164,62	9
04	16	16	5,65	90,40	1,578	142,65	8
05	6,3	250	2,50	625,00	0,245	153,13	52
06	6,3	76	2,26	171,76	0,245	42,08	15
07	12,5	14	12,44	174,16	0,963	167,72	15
08	10,0	58	14,32	830,56	0,617	512,46	69
09	10,0	16	11,44	183,04	0,617	112,94	16
10	6,3	41	11,44	469,04	0,245	114,91	39
11	6,3	38	11,44	434,72	0,245	106,51	37
12	6,3	38	12,44	472,72	0,245	115,82	40
13	12,5	24	1,00	24,00	0,963	23,11	2
14	16	118	1,00	118,00	1,578	186,20	10

RESUMO DO AÇO

AÇO	Ø(mm)	Barras (12m)	PESO(kg)	PESO(kg+10%)
CA-50	6,3	183	532,45	585,69
	10,0	102	748,21	823,03
	12,5	17	190,83	209,91
	16,0	46	846,81	931,49
Total		348	2.318,30	
TOTAL (+10%) Kg				2.550,12



PLANTA CABECEIRA EXISTENTES 2X  
ESC: 1/50


**PREFEITURA DO MUNICÍPIO SIQUEIRA CAMPOS - PR**  
 SECRETARIA DE PLANEJAMENTO  
 PROJETO: 143,75m²  
 INDICADA  
 DATA: 25/11/2013  
 ASSINATURA:

PRESENTAÇÃO: PONTE RIBEIRÃO DA FARTURA  
 PLANTA BAIXA  
 SIQUEIRA CAMPOS - PR  
 COORDENADOR: KELLY  
 PROJETO: CARLOS ALBERTO MAIA CREA: 8895-DPR

01

P. M. S. C.