

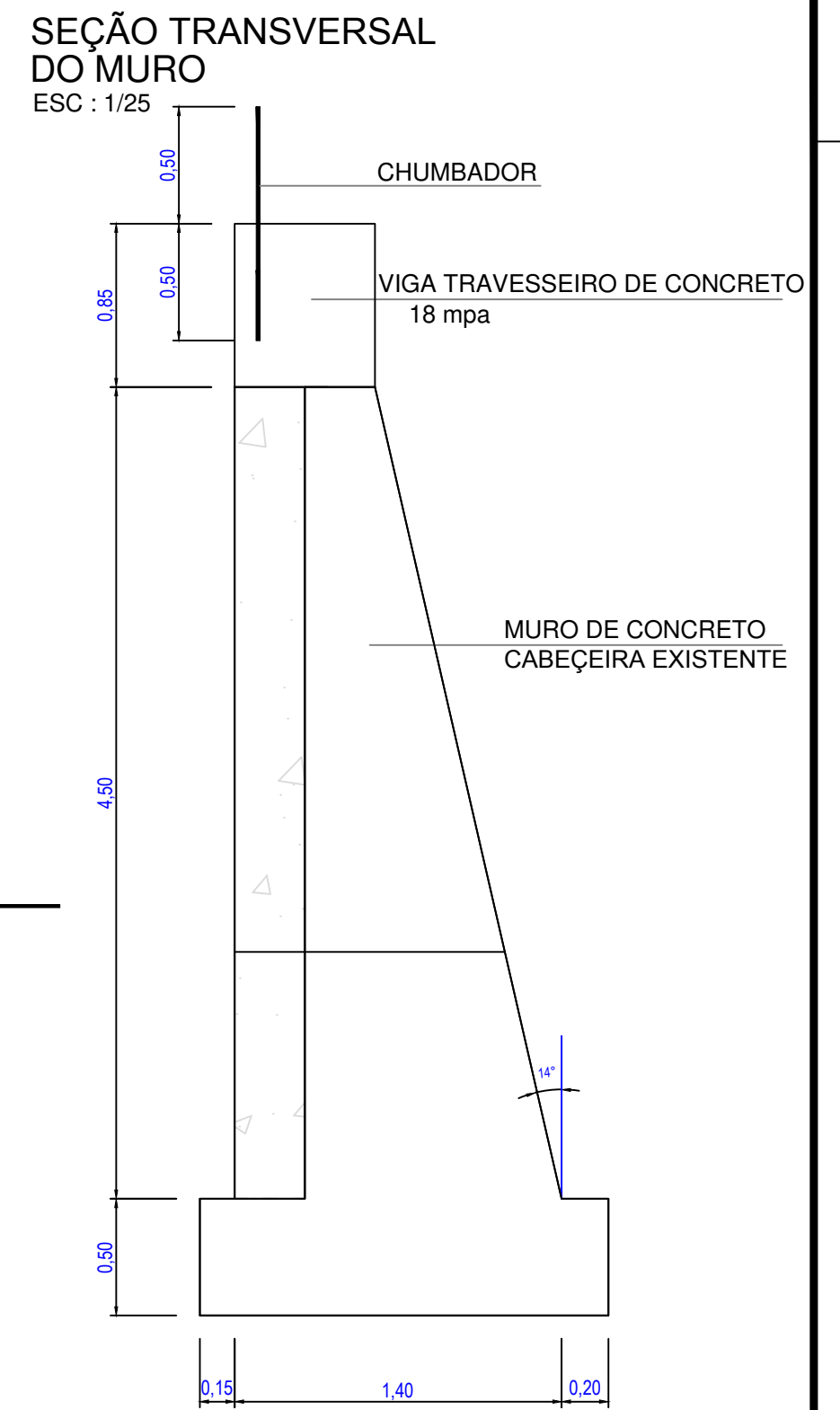
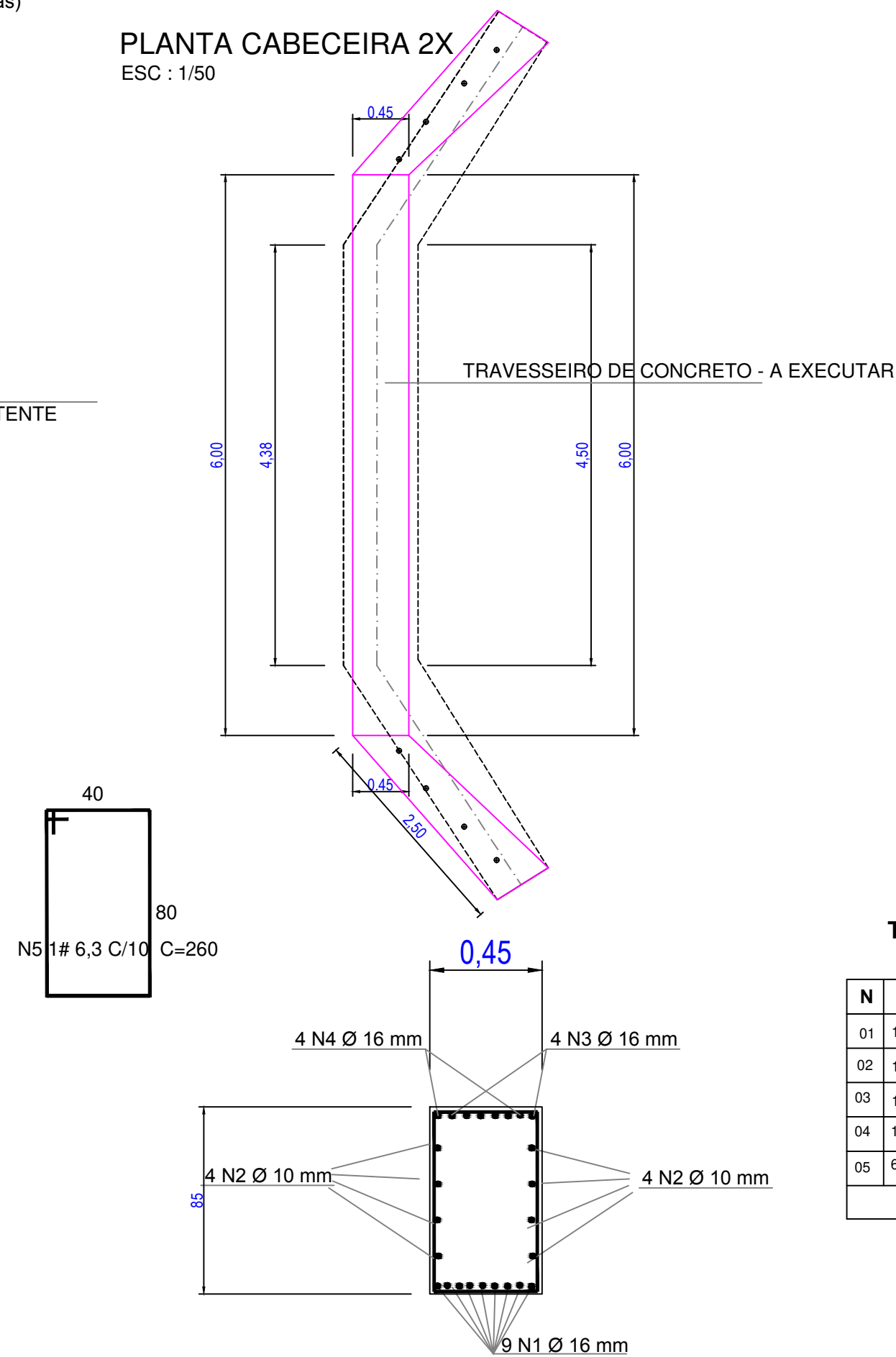
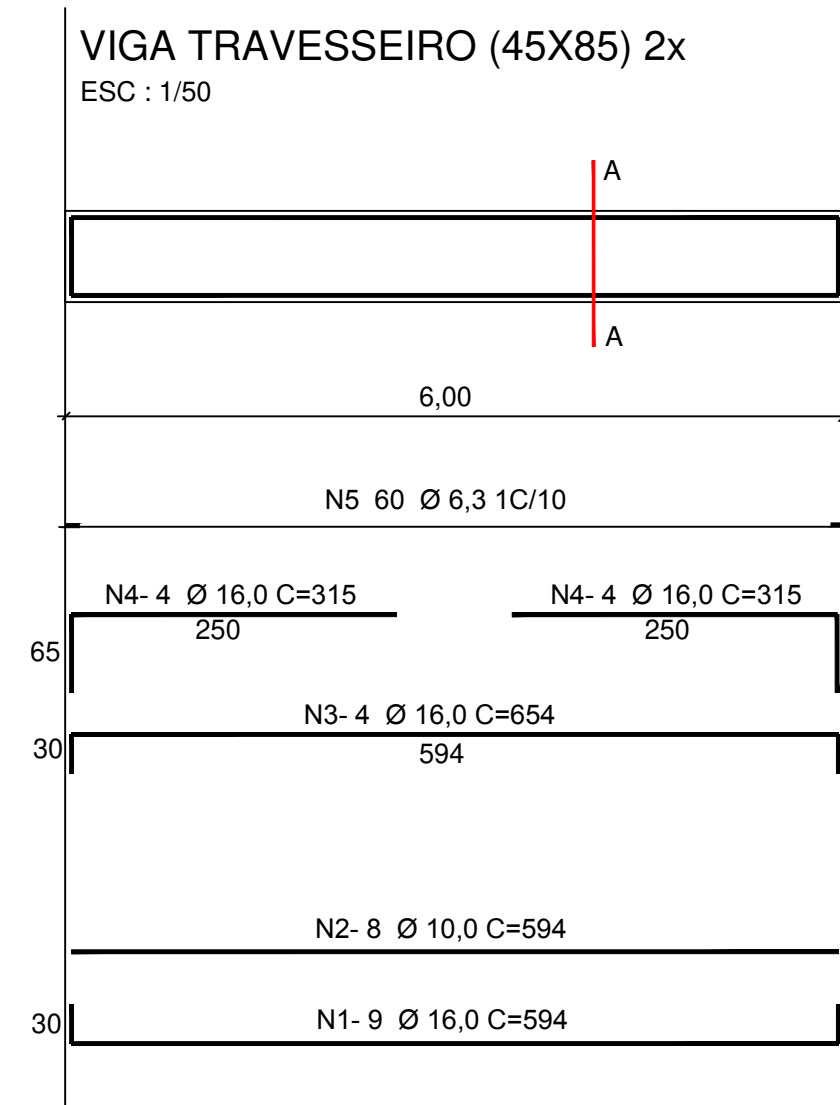
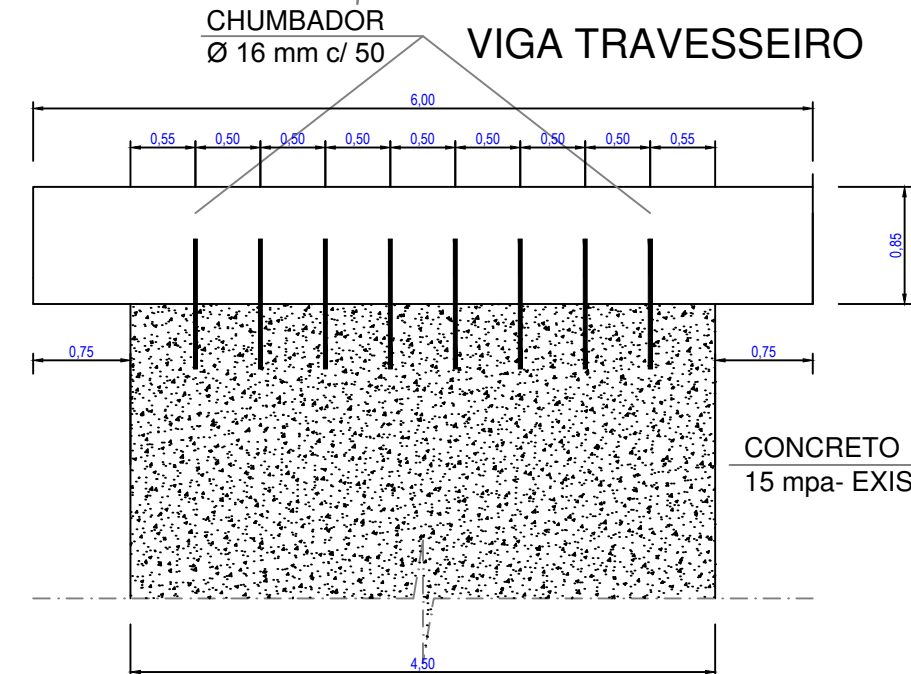
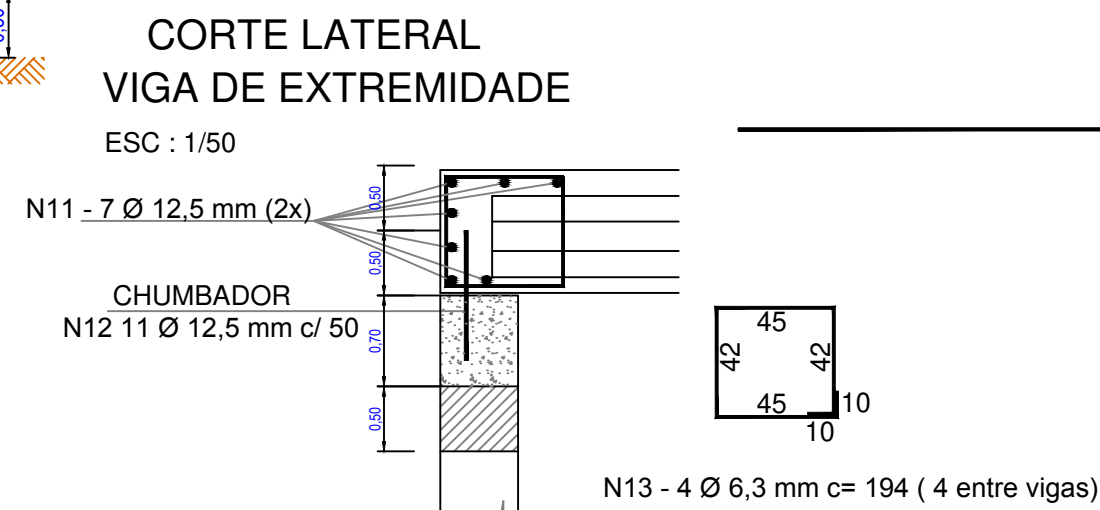
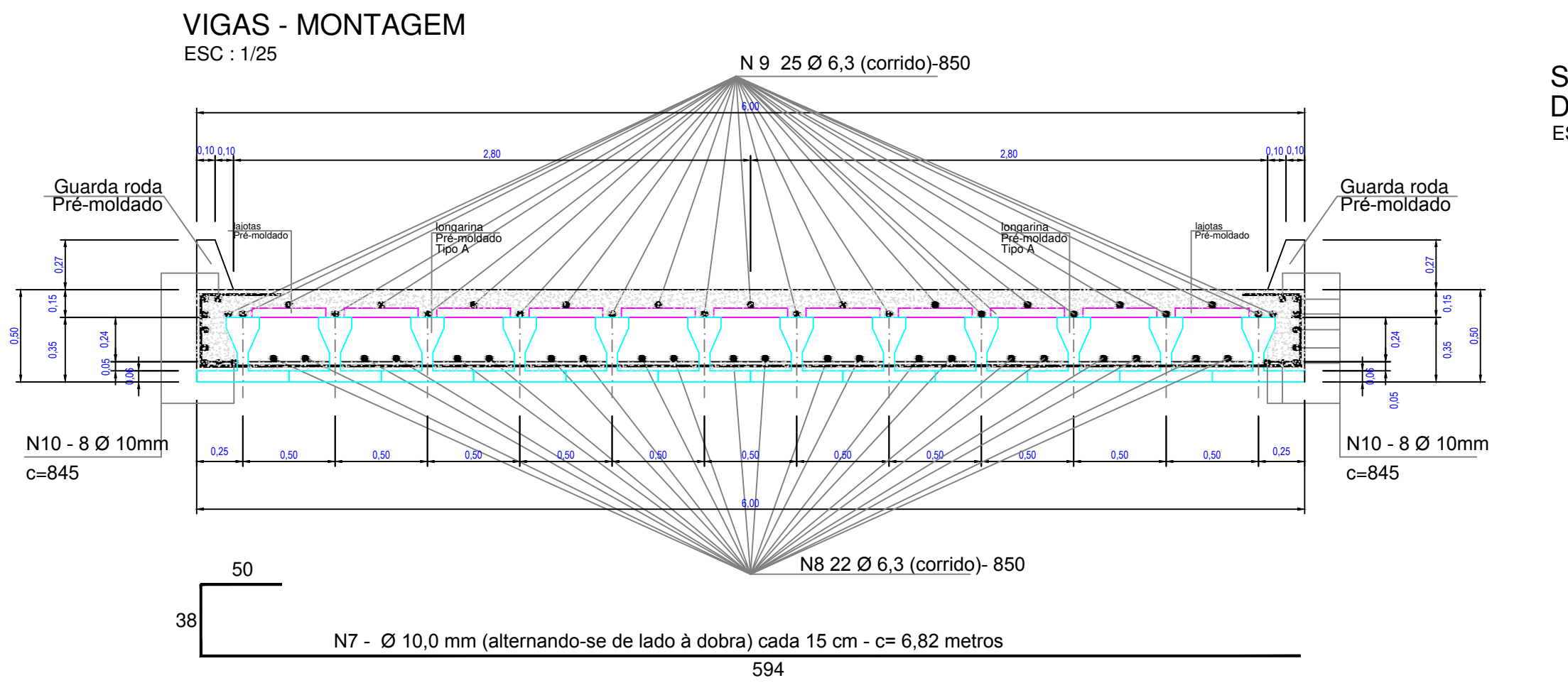
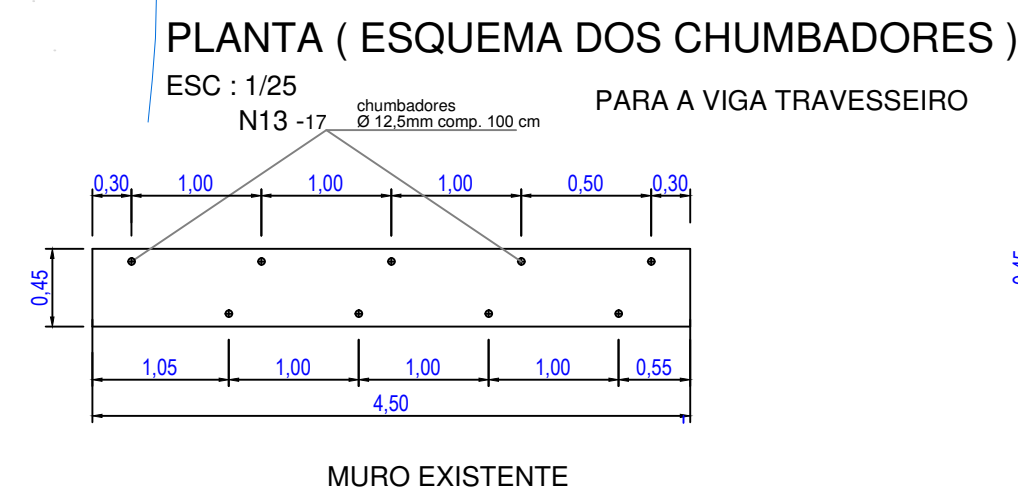
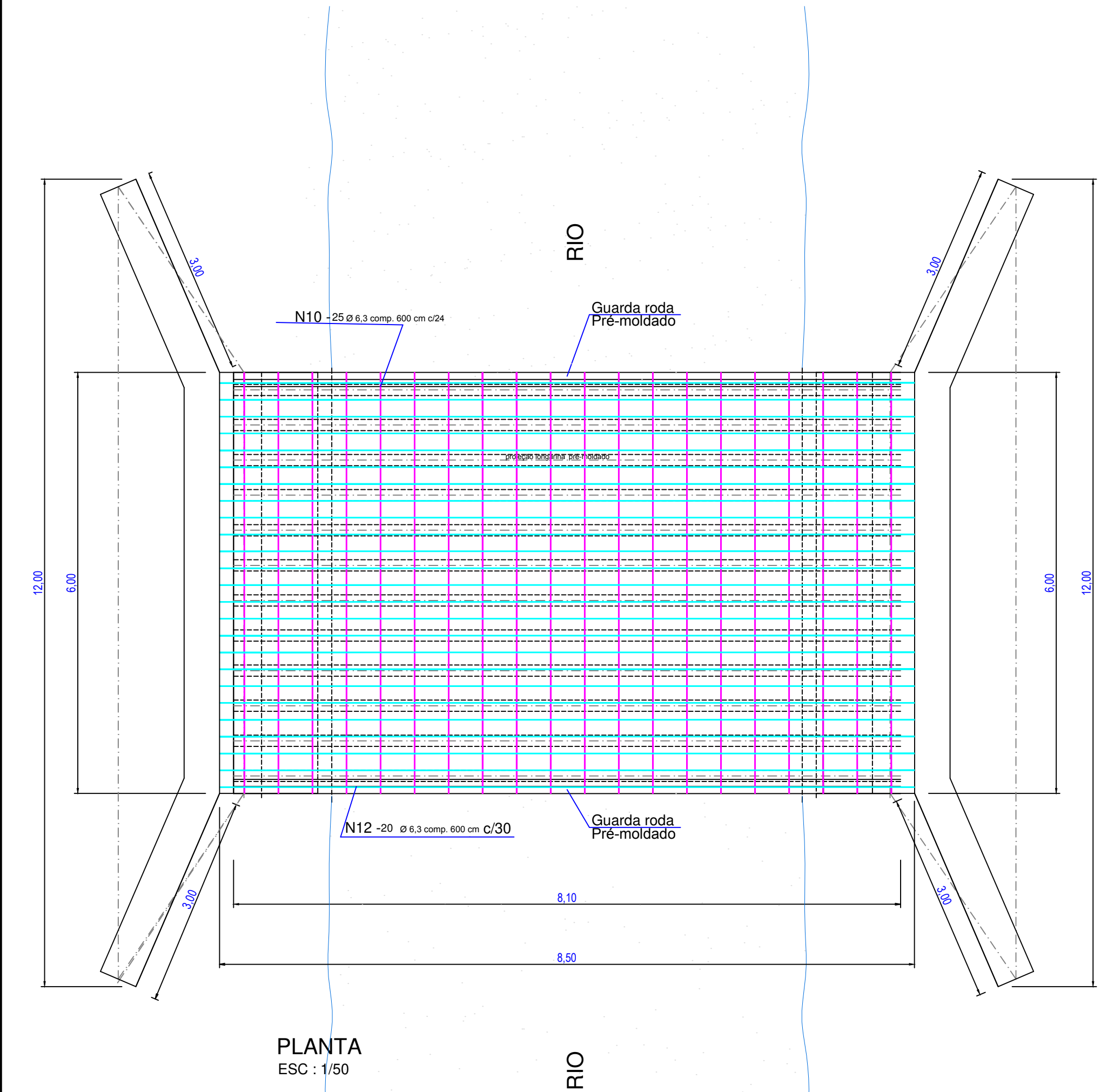
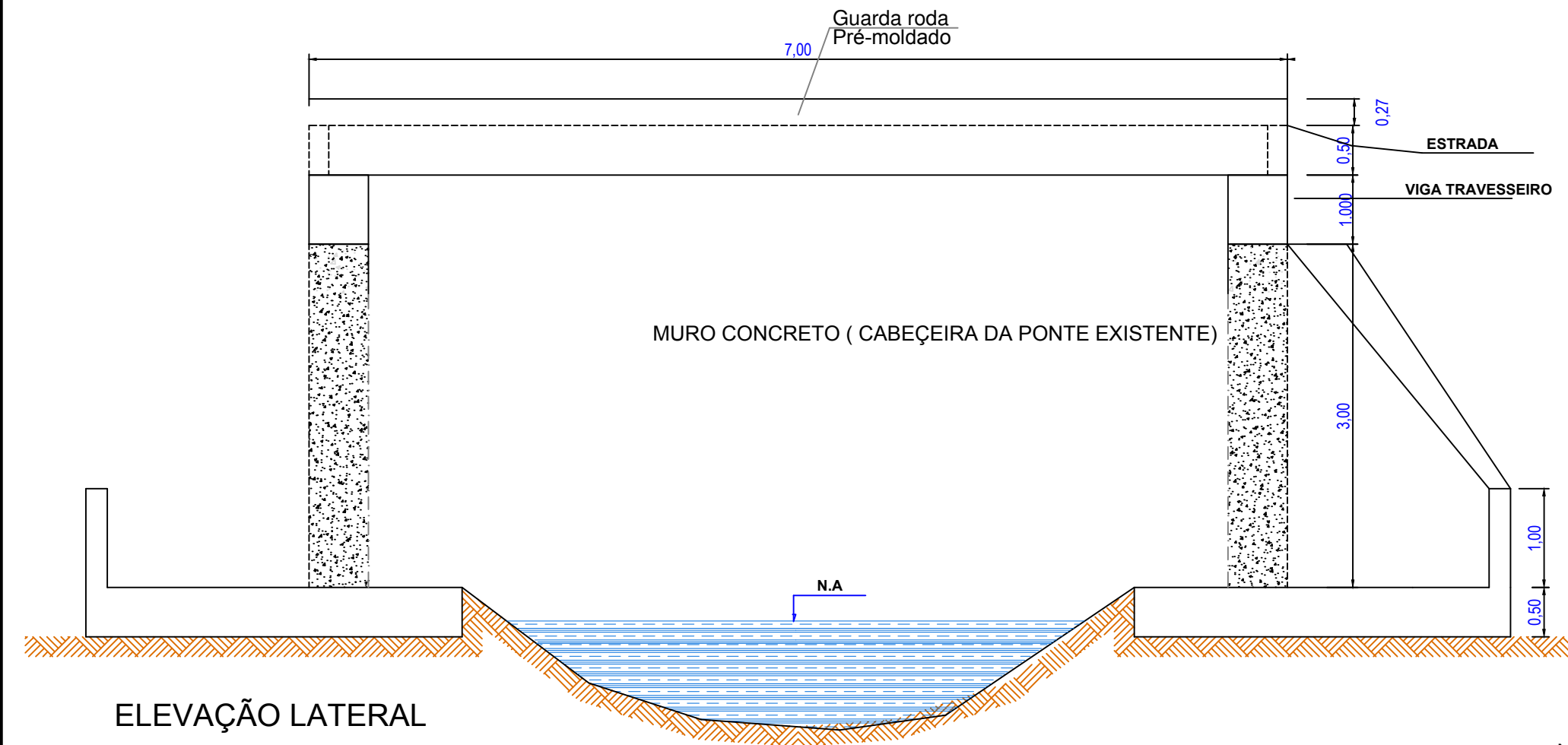
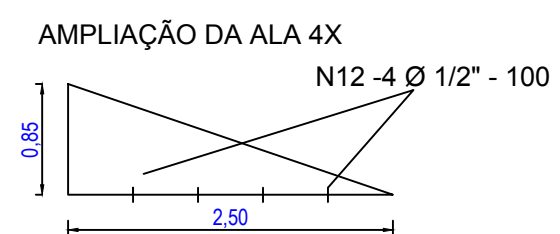


TABELA DO AÇO						TABELA DO AÇO					
VIGA TRAVESSIEIRO						MONTAGEM DA PONTE					
N	Ø	Q	comp.(cm)	comp.total	PESO	N	Ø	Q	comp.(cm)	comp.total	PESO
01	16,0	9	654	5886	91,12	06	6,3	29	594	17226	44,10
02	10	8	594	4752	26,75	07	10	57	682	38874	218,86
03	16	4	654	2616	40,49	08	6,3	22	850	18700	47,87
04	16	8	315	2520	38,01	09	6,3	25	850	21250	54,40
05	6,3	60	260	15600	39,94	10	10	16	845	13520	76,12
TOTAL					237,31	11	12,5	14	995	13930	136,51
x2 (vigas)					474,62	12	12,5	38	100	3800	37,24
						13	6,3	88	194	17072	43,70
						TOTAL					658,80 KG

OBS.: 1) Unidades em cm
2) Para balanço da viga > 1,0 m e < 1,2 m utilizar bitola do N3 e N4 = 20 mm
3) Concreto 25 mpa



OBRA:	PONTE EM CONCRETO	DESENHO:	FRANCIELLY
TTULO:	PROJETO ESTRUTURAL E DETALHES	DATA:	JANEIRO-2013
PROJ.:	PONTE SOBRE O RIO TREZE - COMUNIDADE DOIS IRMÃOS	ESCALA(S):	INDICADAS
		INDICADAS	
		FOLHA:	UNICA
		RESP. TÉCNICO: JOÃO YASUJI SAKAI CREA PR 21.735/D	
		PREFEITURA MUNICIPAL DE CÉU AZUL AV. NILO UMBERTO DEITOS, 1426 - CENTRO CEP 85840-000 FONE (43) 3266 1834 e-mail - planejamento@netceu.com.br	