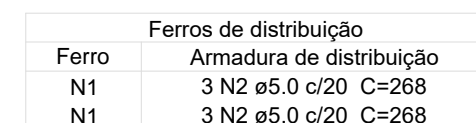


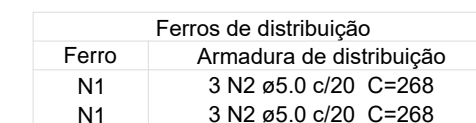
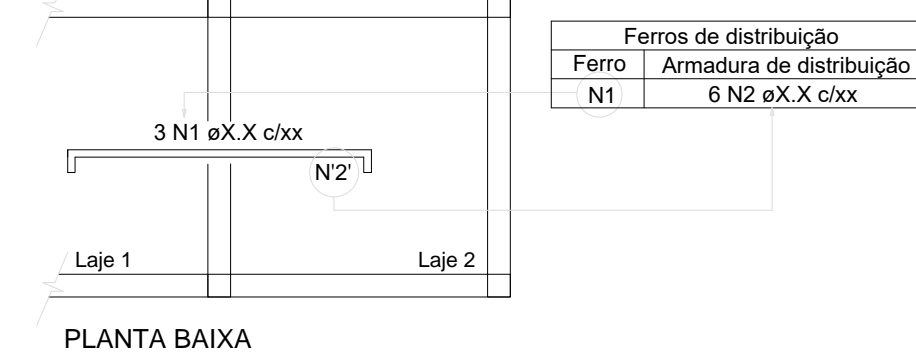
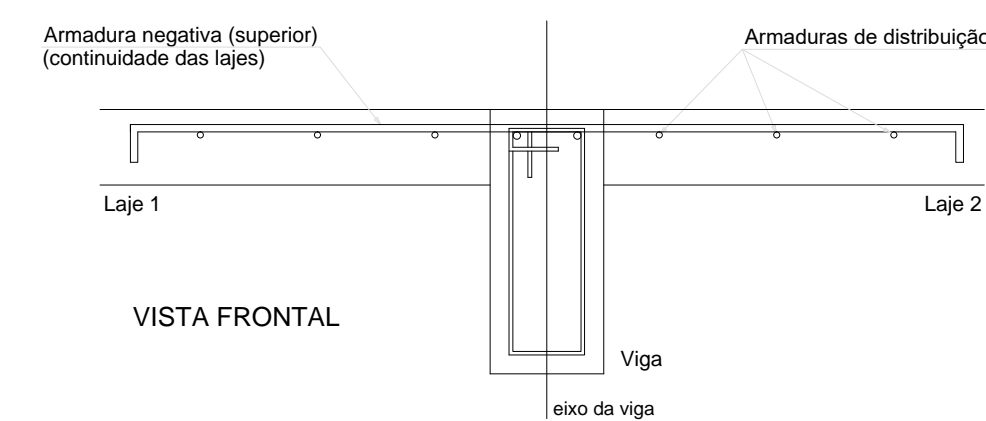
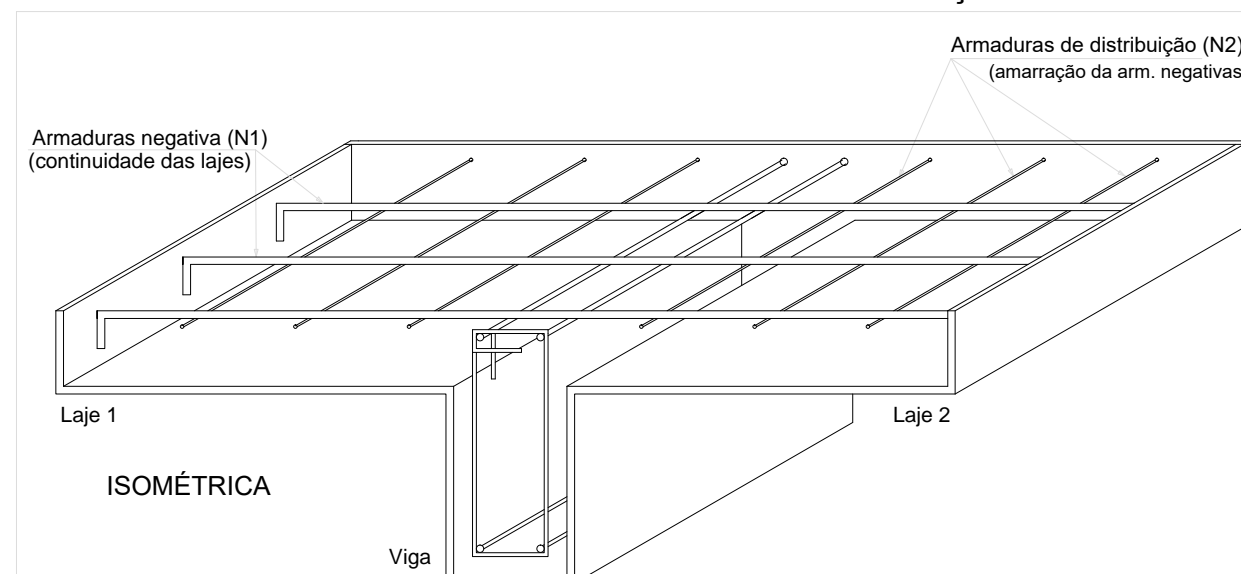
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	85.8	58.2
CA60	5.0	123.5	20.9
PESO TOTAL			
CA50	58.2		
CA60	20.9		

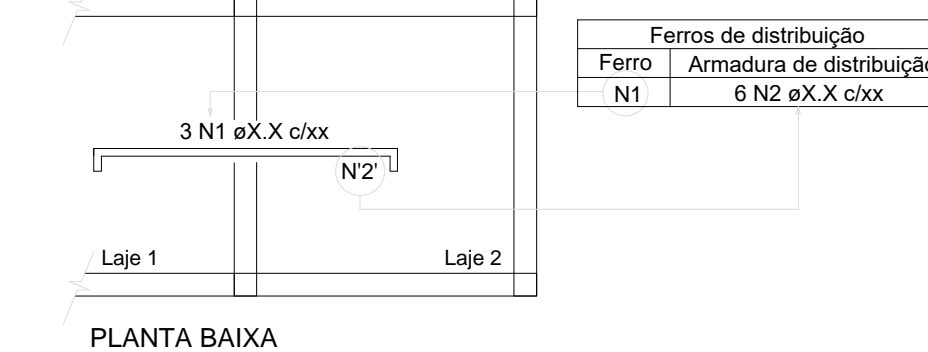
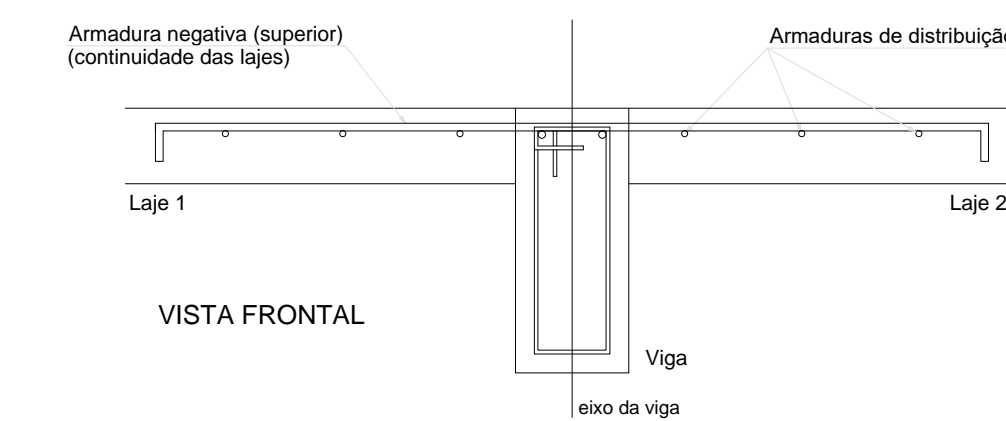
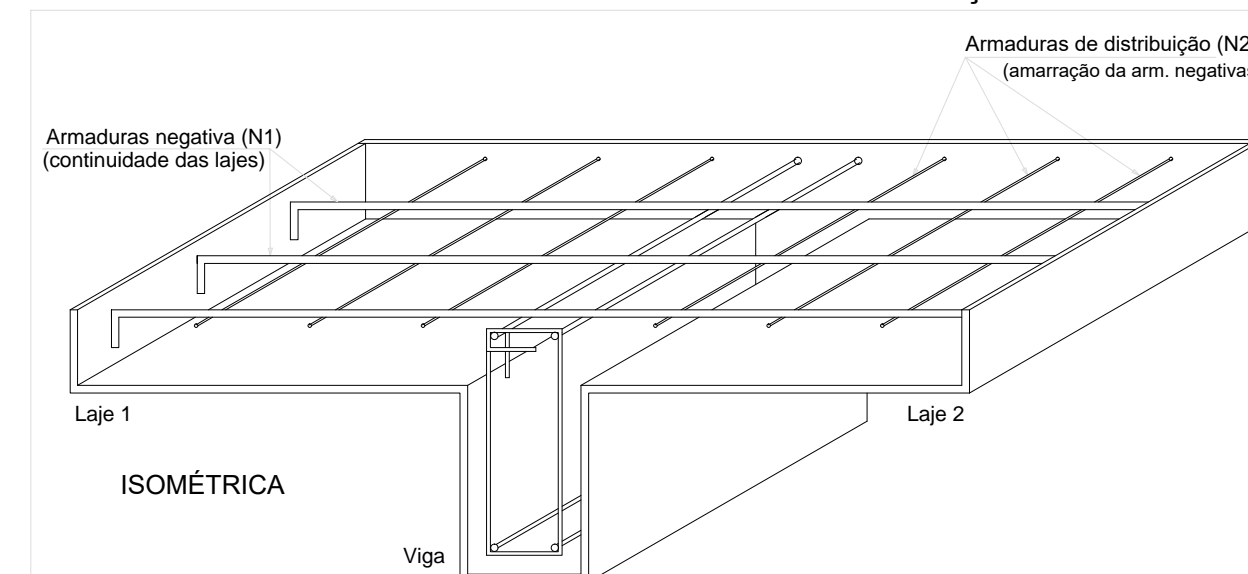
Vol. de concreto total (C-25) = 1.53 m³
Área de forma total = 17.39 m²



escala 1:50



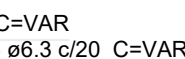
escala 1:50



Relação do aço						
Negativos X		Negativos Y		Positivos X		
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)	
CA60	1	5.0	108	72	777	
	2	5.0	12	268	321	
CA50	3	6.3	5	VAR	VA	
	4	6.3	3	VAR	VA	
	5	6.3	8	VAR	VA	
	6	6.3	6	VAR	VA	
	7	6.3	7	VAR	VA	
	8	6.3	4	VAR	VA	
	9	6.3	3	VAR	VA	
	10	6.3	8	VAR	VA	
	11	6.3	5	VAR	VA	
	12	6.3	7	VAR	VA	
	13	6.3	4	VAR	VA	
	14	6.3	6	VAR	VA	

Resumo do aço			
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	69.6	18.7
CA60	5.0	110	18.8
PESO TOTAL			
CA50	18.7		
CA60	18.6		

Vol. de concreto total (C-25) = 0.55 m³
Área de forma total = 4.61 m²



escala 1:50

escala 1:50

TÍTULO:			
ESTRUTURA DE CONCRETO ARMADO DA BASE DE CAIXA D'ÁGUA			
ENDEREÇO OBRA : ENGENHEIRO NAVARRO—MG			
PROPRIETÁRIO: _____ PREFEITURA MUNICIPAL	M.A. _____	ZC _____	T. OCUP.: _____ C. APROV.: _____
R.T. _____ Jonas Leite Ferreira Júnior CREA MG196418/D	ÁREA DO TERRENO: 		ESCALA: INDICADA ABRIL 2020
CONTEM: DETALHAMENTO ESTRUTURA	ÁREA CONSTRUIDA	QUADRA	PRANCHA 02/02