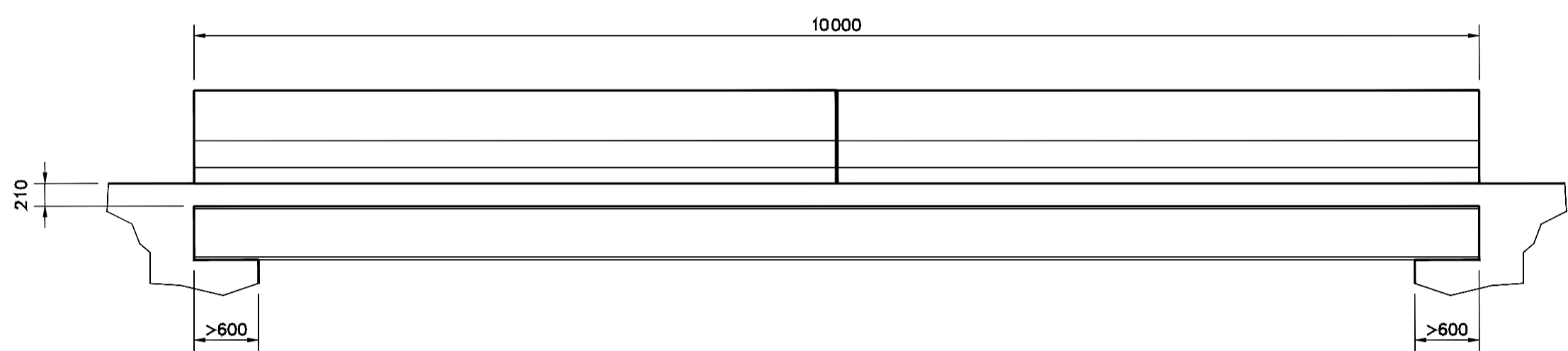


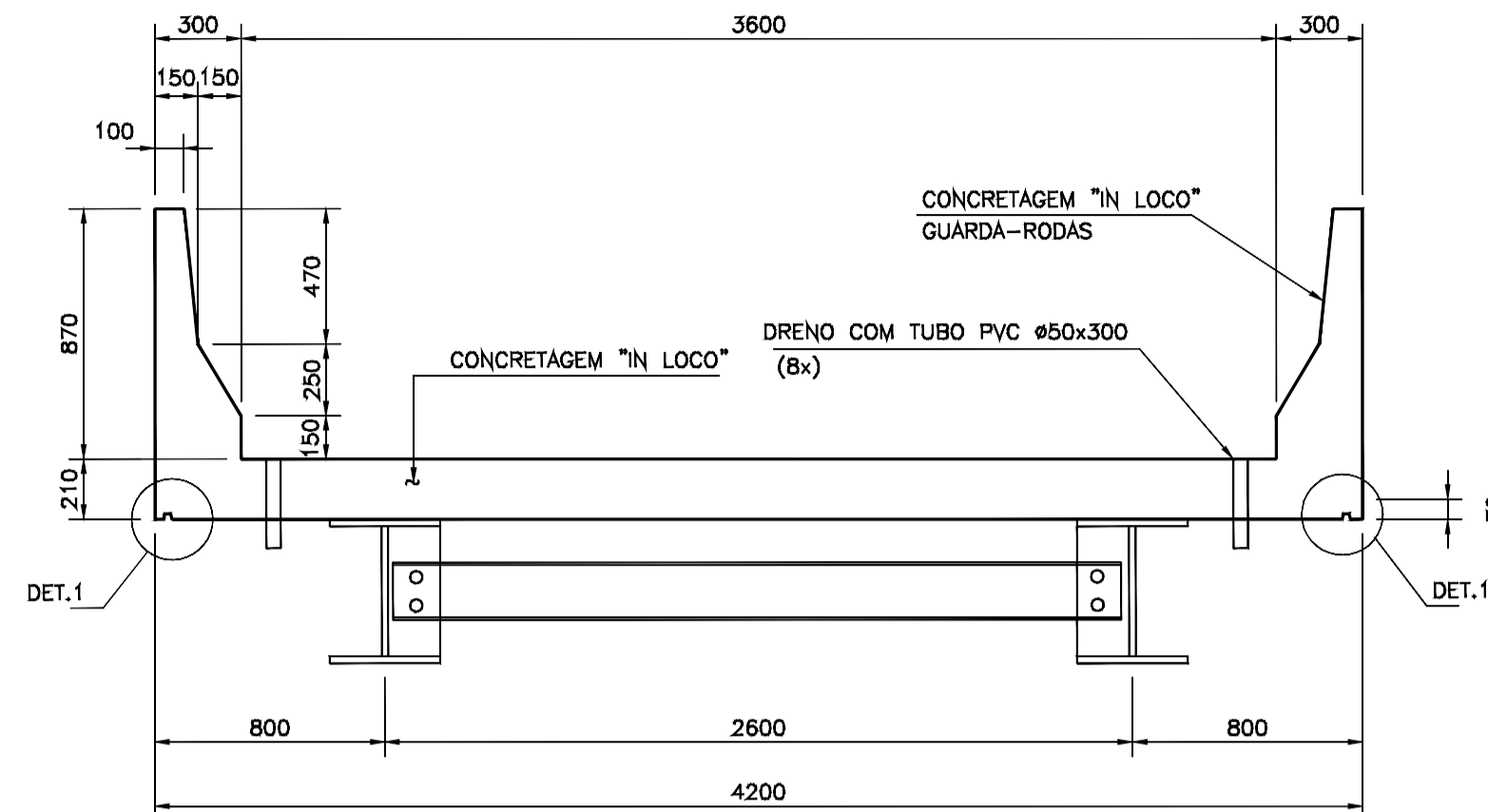
**PLANTA BAIXA**

ESCALA ..... 1/50



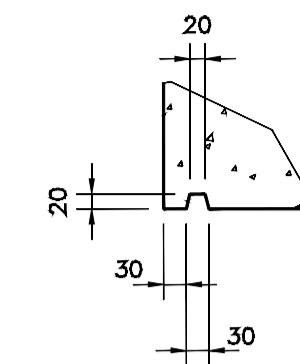
**CORTE AA**

ESCALA ..... 1/50



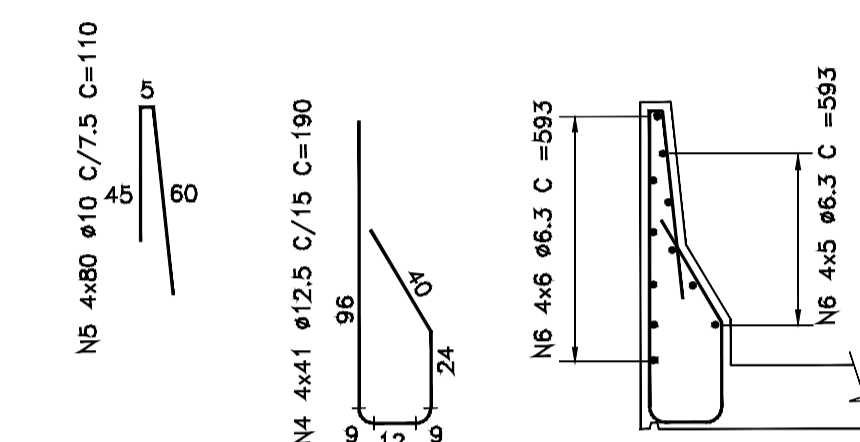
**CORTE BB**

ESCALA ..... 1/25



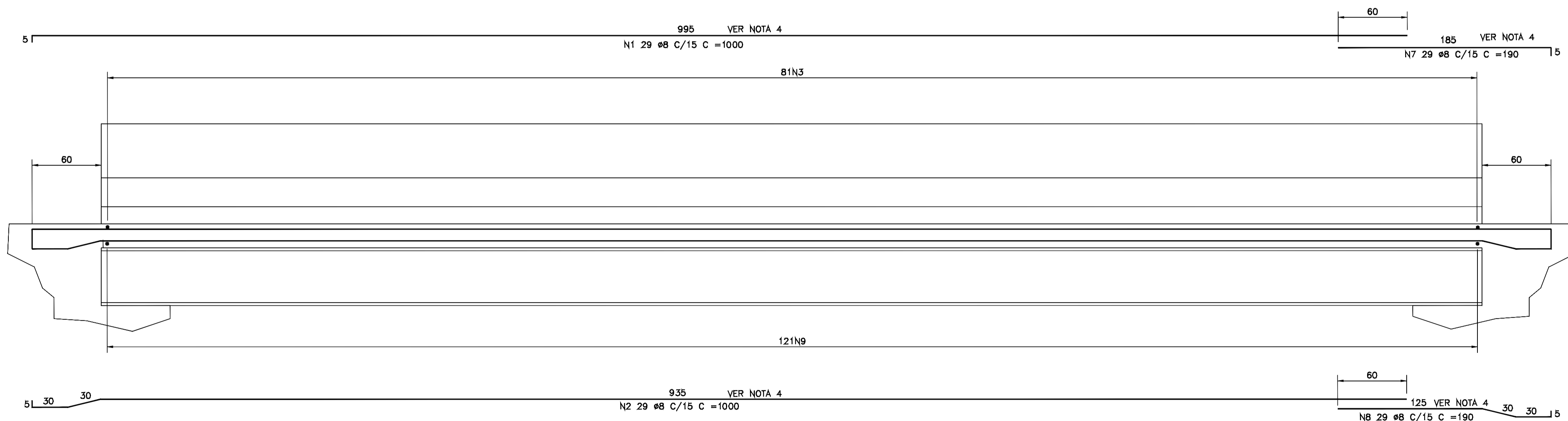
**DETALHE 1**

ESCALA ..... 1/10



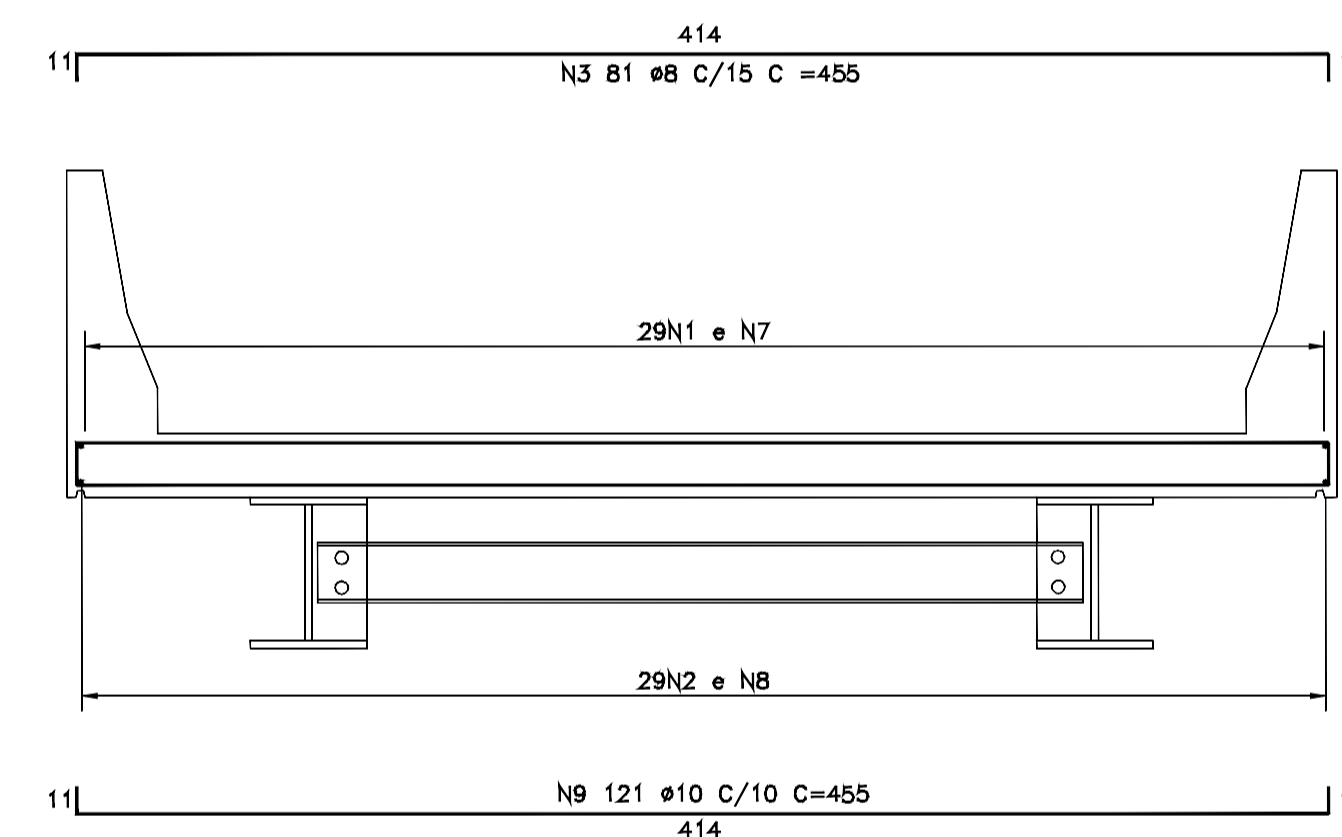
**GUARDA-RODAS**

ESCALA ..... 1/25



**CORTE AA - ARMAÇÃO**

ESCALA ..... 1/25



**CORTE BB - ARMAÇÃO**

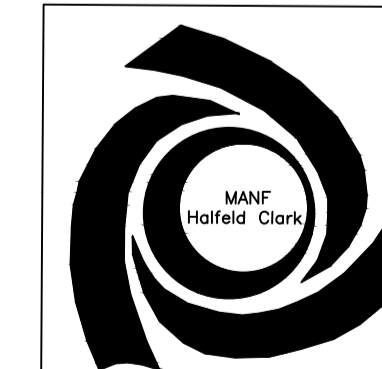
ESCALA ..... 1/25

CONCRETO ESTRUTURAL Fck=20 MPa  
VOL= 16,50 m3

ÁREA DE FORMAS= 61,00 m2

LISTA DE FERROS AÇO CA-50 A				
POS.	Ø	Q	COMPRIMENTO (cm)	
			UNIT.	TOTAL
1	8.0	29	1200	34800
2	8.0	29	1200	34800
3	8.0	81	435	35235
4	12.5	164	190	31160
5	10.0	320	110	35200
6	6.3	44	593	26092
7	8.0	29	190	5510
8	8.0	29	190	5510
9	10.0	121	435	52635

RESUMO GERAL			
Ø(mm)	COMP.(m)	PESO (Kg/m)	TOTAL (Kg)
6.3	260.92	0.25	65.23
8	1158.55	0.40	463.42
10	878.35	0.63	553.36
12.5	311.60	1.00	311.60
TOTAL			1393.61



**MANF HALFELD CLARK**  
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Título: **Projeto Estrutural Ponte 10,0m**

Rodeiro - MG Data: **Mai/2019**

Prefeitura Municipal de Rodeiro

Responsável Técnico: **Germano Reis Coelho CREA-MG: 145642/D**