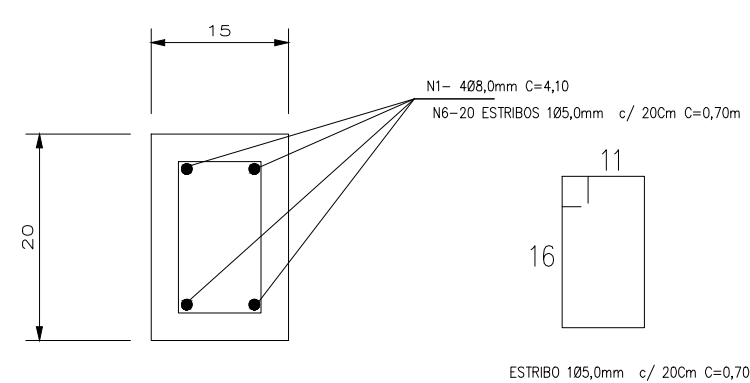
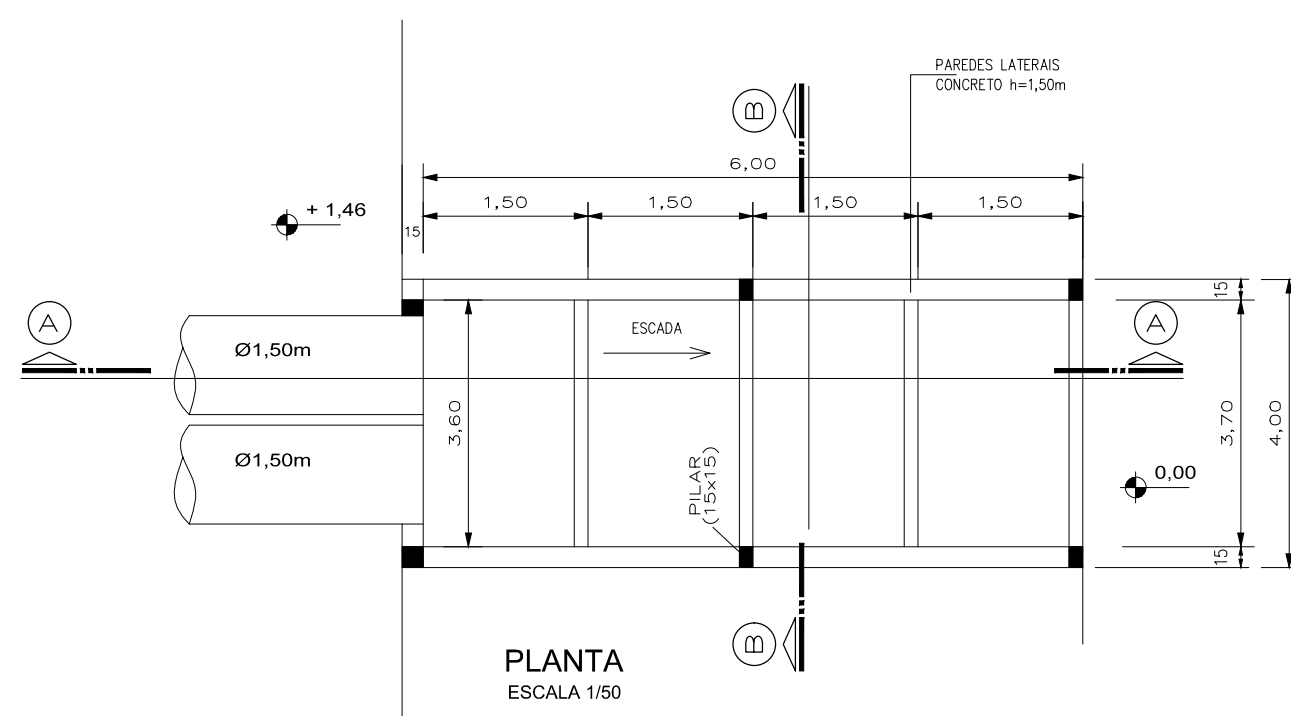


Technical drawing of a structural section (CORTE AA) of a building, showing a staircase and a vertical column. The drawing includes dimensions and labels for various structural elements.

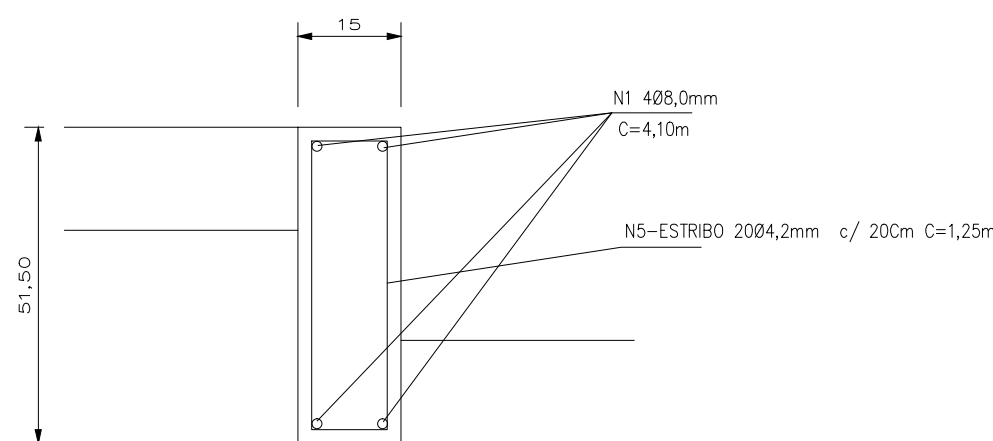
Labels and Dimensions:

- VIGA DE TRAVEJAMENTO VT**: Horizontal beam above the staircase.
- PILAR**: Vertical column.
- VIGA DEGRAU**: Staircase beam.
- ESTACA**: Foundation piles, labeled with dimensions:
 - ESTACA Ø 200cm h=3,00m
 - ESTACA Ø 200cm h=3,00m
 - ESTACA Ø 200cm h=3,00m
- N1, N2, N3, N4**: Reinforcement bars, labeled with dimensions:
 - N1: 208,0mm C=1,50m
 - N2: 208,0mm C=1,50m
 - N3: 208,0mm C=1,50m
 - N4: 208,0mm C=1,50m
- Dimensions**:
 - 1,70 (Total height of the section)
 - 36,5 (Height of the staircase structure)
 - 30 (Width of the staircase structure)
 - 1,525 (Height of the column)
 - 15 (Width of the column)
 - 3,4 (Width of the staircase structure)

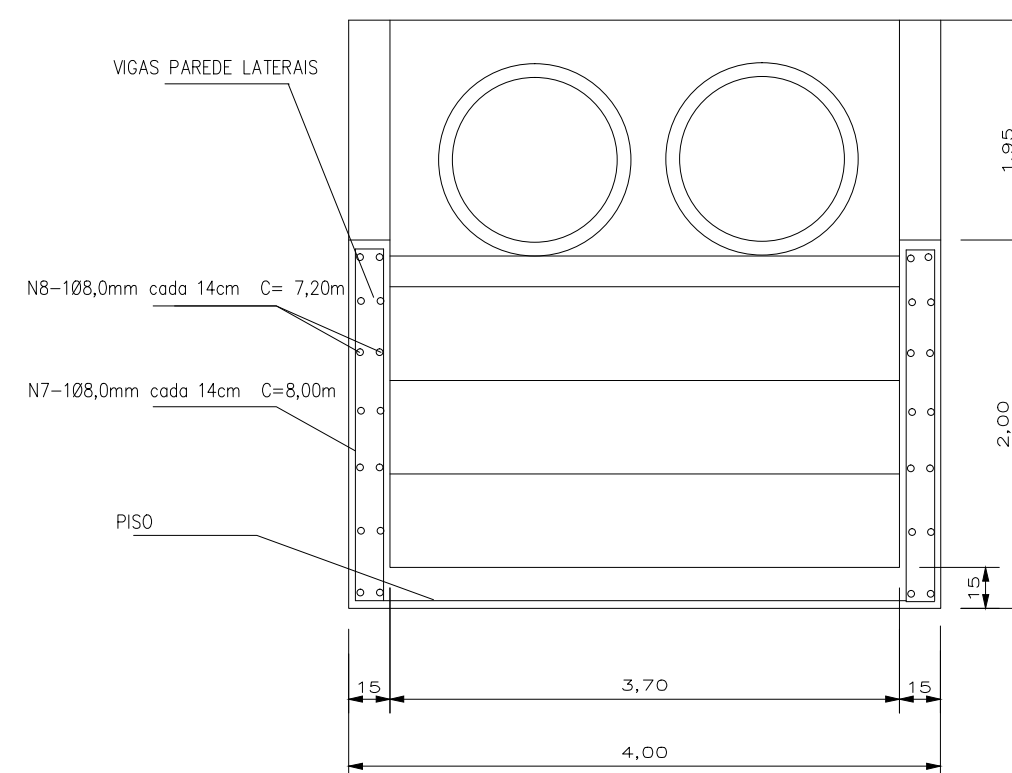
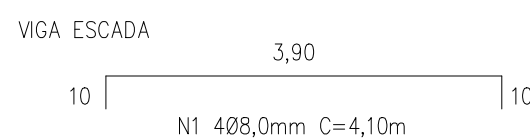
CORTE AA - ESCALA 1/25



VIGA DE TRAVEJAMENTO 3X
ESCALA 1/5



VIGA DEGRAU 5X
ESCALA 1/10

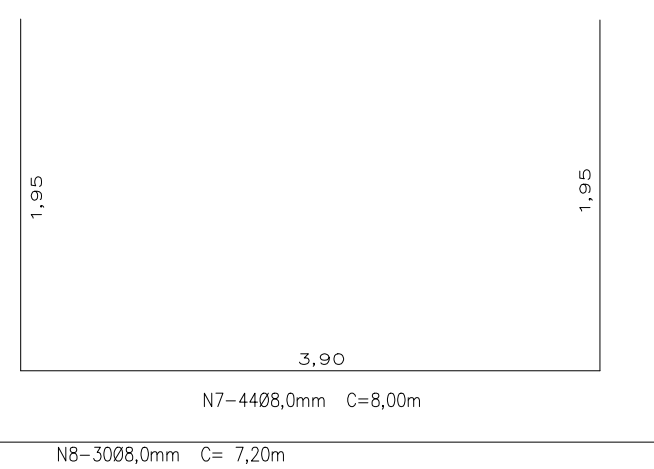


CORTE BB
VIGA - PAREDE LATERAL - ESC 1/25

TABELA CORTE DE FERROS

Nº	Ø mm	C m	Qdade	Peso Kg	Peso total Ø Kg
N1	8	4,10	12	19,68	281,20
N2	8	1,85	76	56,24	
N3	8	4,10	32	52,48	
N4	8	1,50	20	12,00	
N7	8	8,00	44	140,80	
N5	4,2	1,25	100	13,38	18,84
N6	4,2	0,70	60	5,46	
N8	6	7,20	30	43,00	
Peso total geral					343,04

ESTRUTURA DISSIPADOR 2Ø1,50m				
ESTACA Ø20	CONCRETO (m3) Fck 20Mpa	FORMAS (m2)	AÇO CA 50 (Kg)	AÇO CA 60 (Kg)
30,00m	12,42	67,00	281,20	61,84



PROJETO:		DRENAGEM PLUVIAL - REDE DE GALERIA DE ÁGUAS PLUVIAIS	
DISCRIMINAÇÃO		DISSIPADOR DE ENERGIA EM ESCADA – DETALHES	2ø1,50m
LOCAL		EMISSÁRIO 02 - BAIRROS CAROLINA E MINI PARQUE ASSIS CHATEAUBRIAND - PARANÁ	
PROPRIETÁRIO		PREFEITURA MUNICIPAL DE ASSIS CHATEAUBRIAND – PARANÁ	
FOLHA	ÚNICA		
ESCALA	INDICADA		
DATA	JUNHO/2017		
RESP. TÉCNICO		MUNICÍPIO DE ASSIS CHATEAUBRIAND	