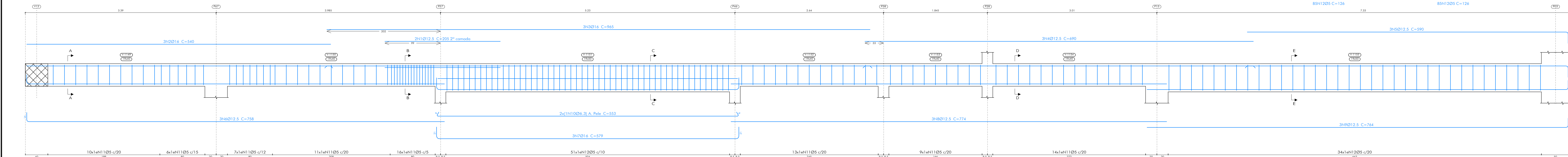


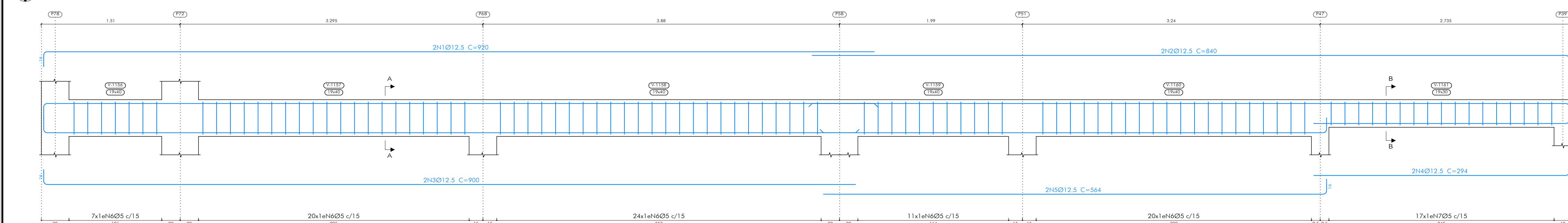
DETALHAMENTO VIGA - LAJE PRIMEIRO PAVIMENTO

NÍVEL +3,28M

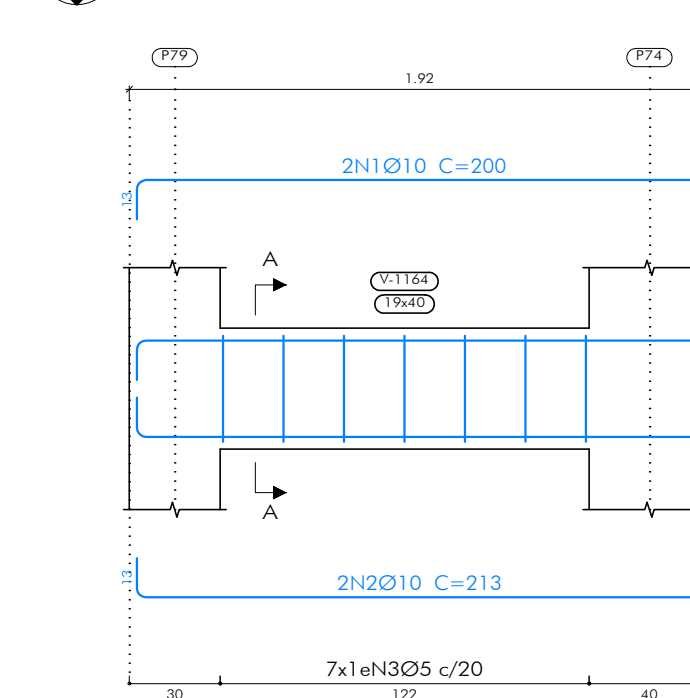
01 V19
ESCALA 1:25



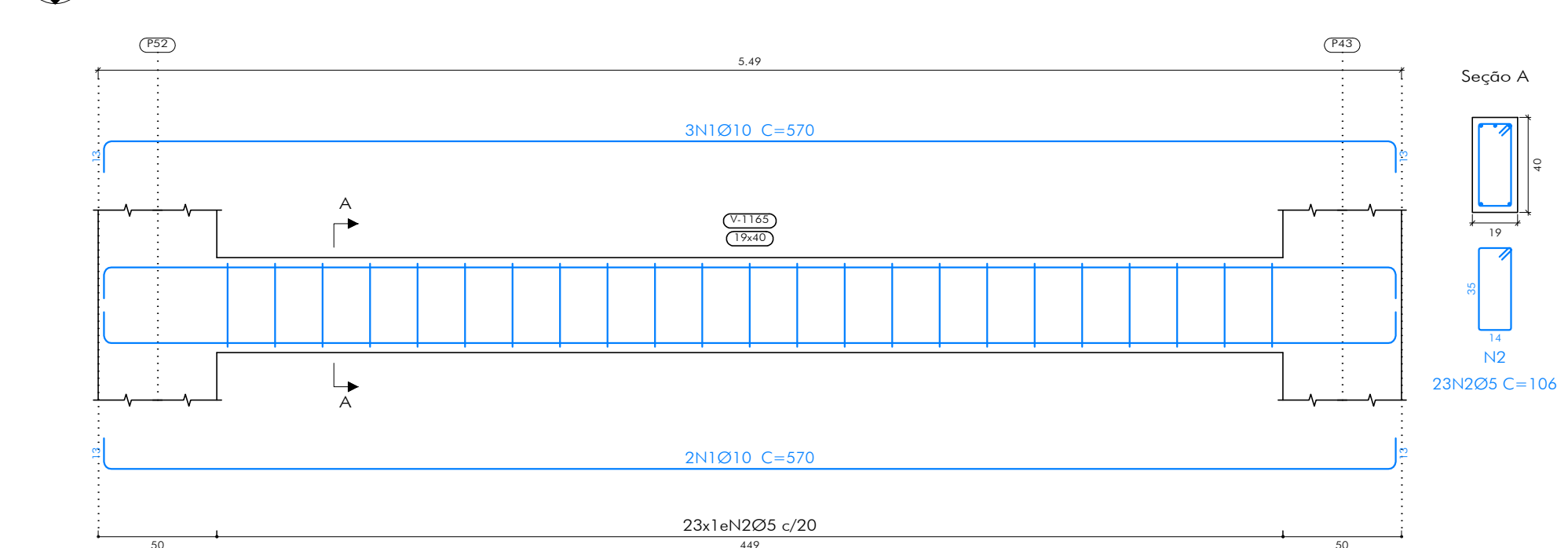
02 V20
ESCALA 1:25



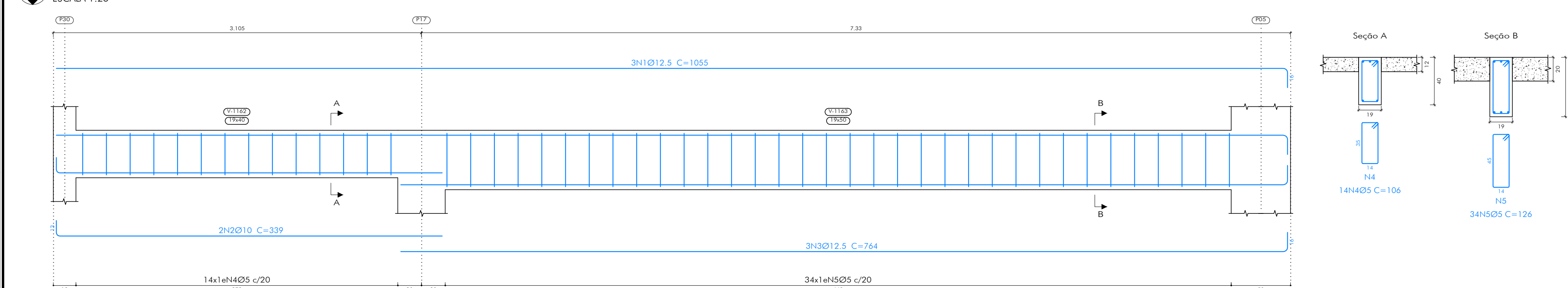
03 V22
ESCALA 1:25



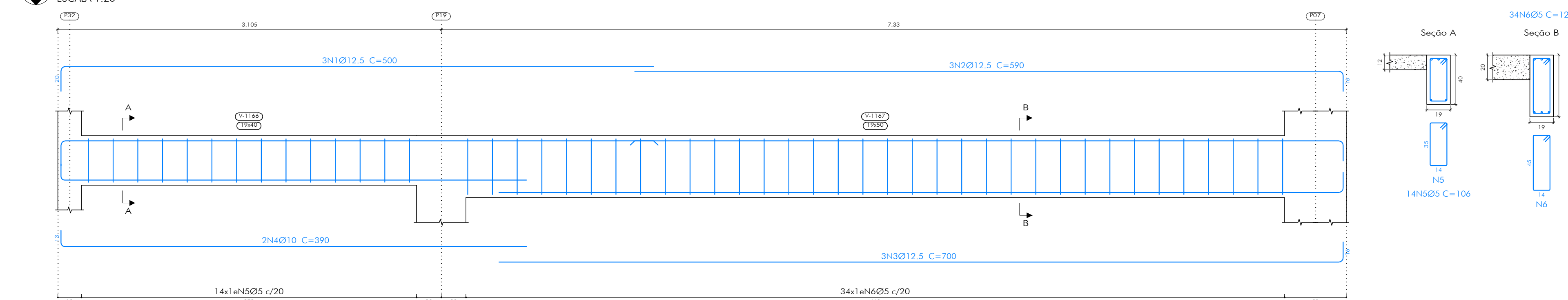
04 V23
ESCALA 1:25



05 V21
ESCALA 1:25



06 V24
ESCALA 1:25



07 QUADRO RESUMO - VIGAS

ESCALA 1:25
LAJE PRIMEIRO PAVIMENTO

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V19	1	Ø12.5	2		205	410	3.9	
	2	Ø16	3		540	1620	25.4	
	3	Ø16	3		965	2895	45.7	
	4	Ø12.5	3		690	2070	19.9	
	5	Ø12.5	3		505	1515	14.6	
	6	Ø12.5	3		758	2274	21.9	
	7	Ø16	3		579	1737	27.4	
	8	Ø12.5	3		774	2322	22.4	
	9	Ø12.5	3		768	2292	22.1	
	10	Ø6.3	2		553	1106	2.7	
	11	Ø5	86		106	9116	14.3	
	12	Ø5	85		126	10710	16.8	
Total=10%:					229.5		34.2	

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V20	1	Ø12.5	2		920	1840	17.7	
	2	Ø12.5	2		840	1680	16.2	
	3	Ø12.5	3		900	1800	17.3	
	4	Ø12.5	2		294	588	5.7	
	5	Ø12.5	2		564	1128	10.9	
	6	Ø5	82		106	8692	13.6	
	7	Ø5	17		86	1462	2.3	
Total=10%:					74.6		17.5	

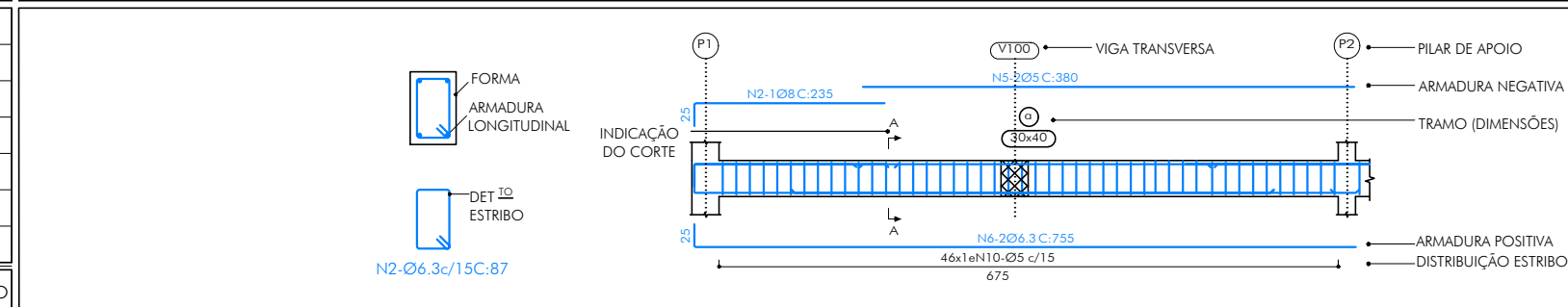
Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V21	1	Ø12.5	3		1055	3165	30.5	
	2	Ø10	2		339	678	4.2	
	3	Ø12.5	3		744	2232	22.1	
	4	Ø5	14		106	1484	2.3	
	5	Ø5	34		126	4284	6.7	
Total=10%:					62.5		9.9	
V22	1	Ø10	2		200	400	2.5	
	2	Ø10	2		213	426	2.6	
	3	Ø5	7		106	742	1.2	
Total=10%:					5.6		1.3	

Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V23	1	Ø10	5		570	2850	17.6	
	2	Ø5	23		106	2438	3.8	
Total=10%:					19.4		4.2	
V24	1	Ø12.5	3		500	1500	14.4	
	2	Ø12.5	3		590	1770	17.0	
	3	Ø12.5	3		700	2100	20.2	
	4	Ø10	2		390	780	4.8	
	5	Ø5	14		106	1484	2.3	
	6	Ø5	34		126	4284	6.7	
Total=10%:					62.0		9.9	

QUADRO REVISÕES:

REVISÃO	REFERÊNCIA	DESCRIÇÃO	DATA	APROVAÇÃO
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

LEGENDA:



OBSERVAÇÕES:

1. VIDE QUANTITATIVO DAS VIGAS DA SUPERESTRUTURA NA FOLHA 41/52.

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ESCOLA MUNICIPAL CANARINHO

Prefeitura Municipal de Congonhal

PROJETO ESTRUTURAL

SUPERESTRUTURA

DETALHAMENTO DE VIGAS

NÍVEL +3,28M

AUTOR DO PROJETO: CARLOS H. A. ROSSI

PROJETO E: 46.052/D

REVISOR: BMS/BPF

CGH-F/PCE/00-46

FOFHA: 46/52

ESCALA: 1:25

UNIDADE: centímetro

DATA: set. 2022

REVISOR: C.Rossi