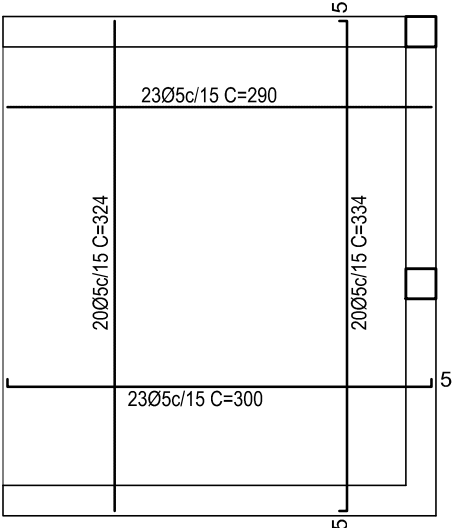
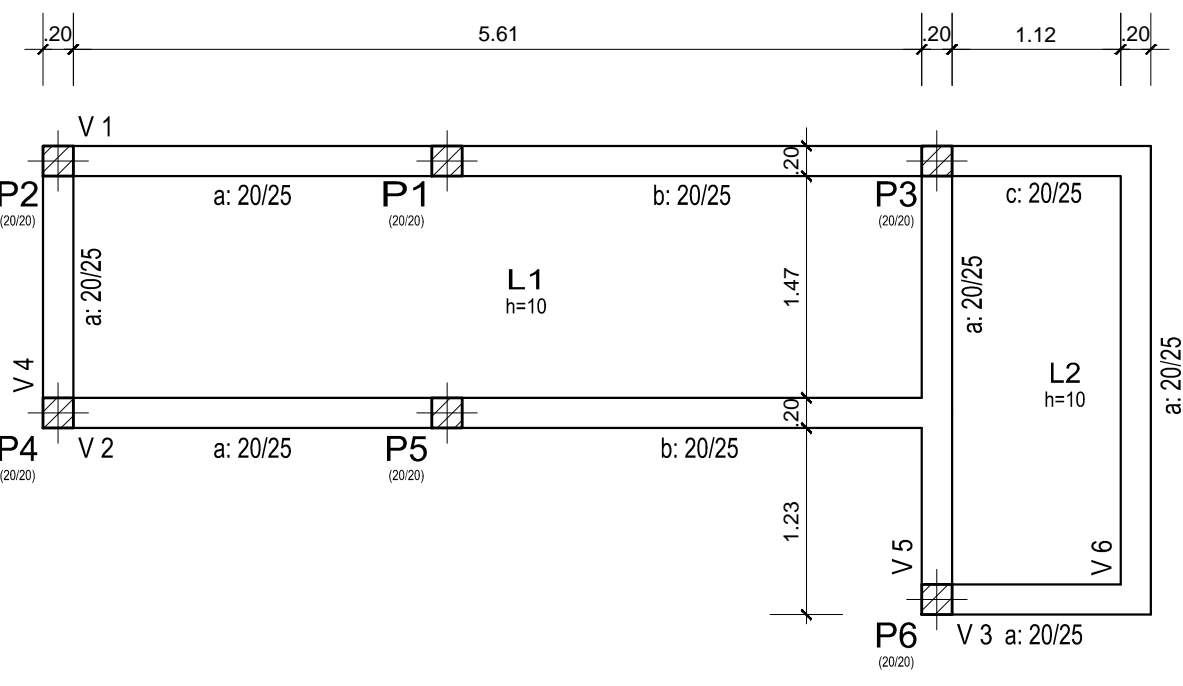


Resumo Aço	Comp. total	Peso
Laje da Plataforma	(m)	(kg)
CA-60-B Ø5	267.3	41



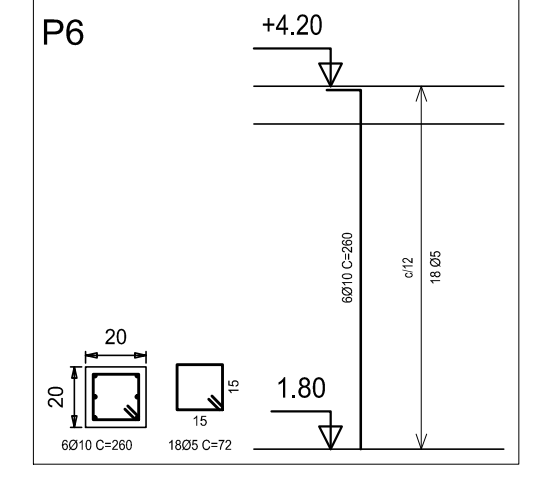
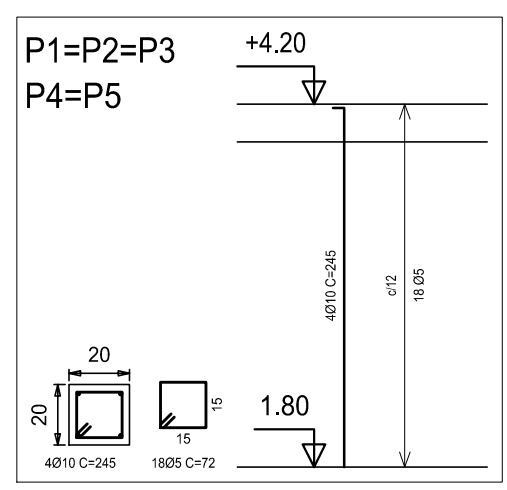
Elemento	Formas (m2)	Volume (m3)	Barras (kg)
Laje	0.35	0.93	41
Índices (por m2)	0.037	0.100	4.35

Laje da Plataforma  
Armaduras da laje  
Escala: 1:50



Elemento	Formas (m2)	Volume (m3)	Barras (kg)
LAJES	11.24	1.12	59
Vigas: fundo	4.08	1.10	81
Forma lateral	7.97		
Pilares (Sup. Formas)	11.03	0.55	52
Total	34.30	2.77	192
Índices (por m2)	2.201	0.178	12.36

Cota\_000  
Formas  
Escala: 1:50

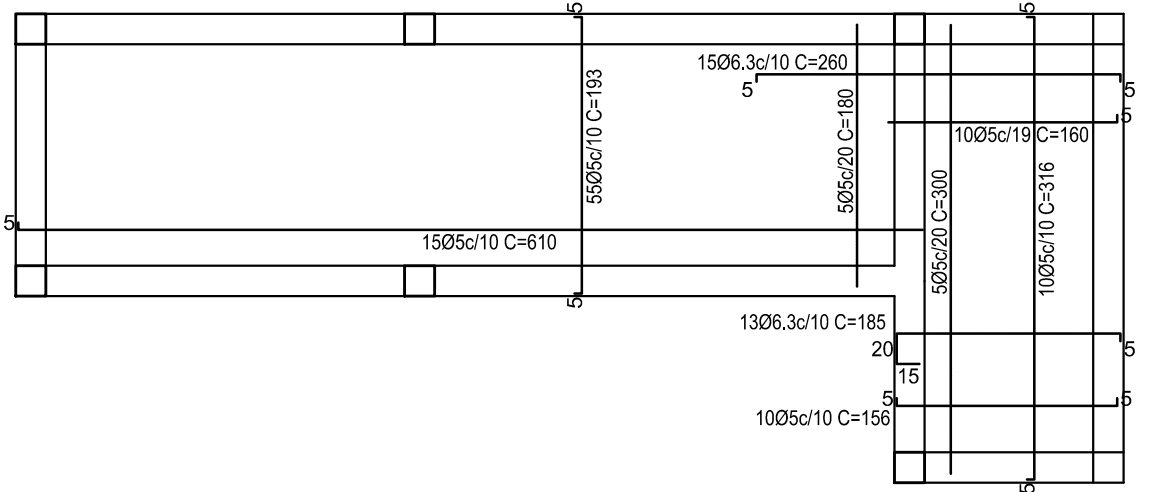


Pilares que terminam em  
Cota\_000  
Concreto: C25, em geral  
Aço: CA-50-A e CA-60-B  
Escala horizontal: 1:25  
Escala vertical: 1:50

Resumo Aço	Comp. total	Peso
Cota_000	(m)	(kg)
CA-50-A Ø10	64.6	40
CA-60-B Ø5	77.8	12
Total		52

Elemento	Formas (m2)	Volume (m3)	Barras (kg)
Vigas: fundo	1.85		
Cortinas	32.50	3.25	148
Total	34.35	3.25	148
Índices (por m2)	18.069	1.720	78.31

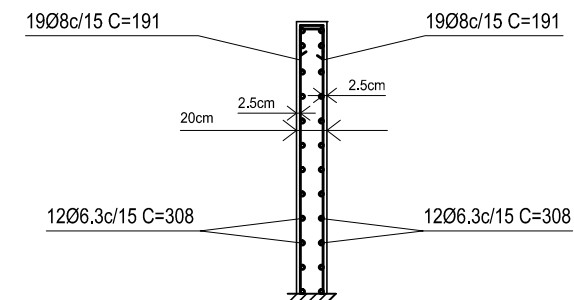
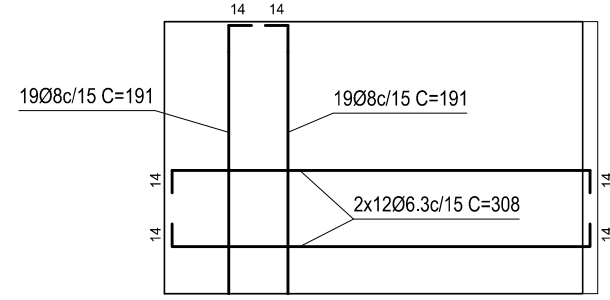
Cota-240  
Formas  
Escala: 1:50



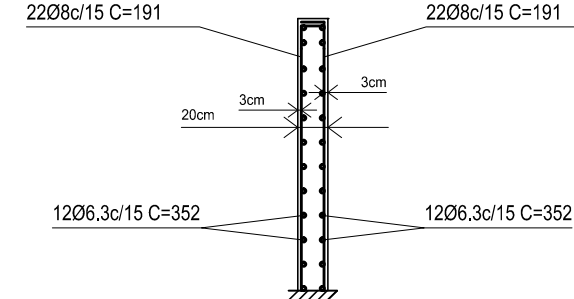
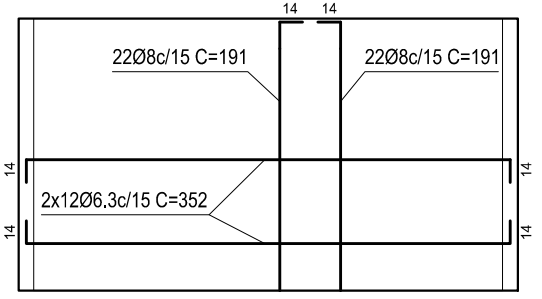
Cota\_000  
Armadura inferior  
Concreto: C25, em geral  
Aço: CA-50-A e CA-60-B  
Escala: 1:50

Resumo Aço	Comp. total	Peso
Cota_000	(m)	(kg)
CA-50-A Ø6.3	63.1	15
CA-60-B Ø5	284.9	44
Total		59

C1 = C3: Planta 1



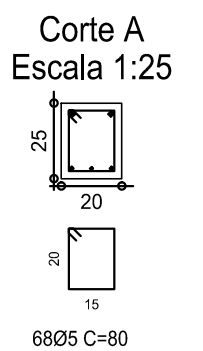
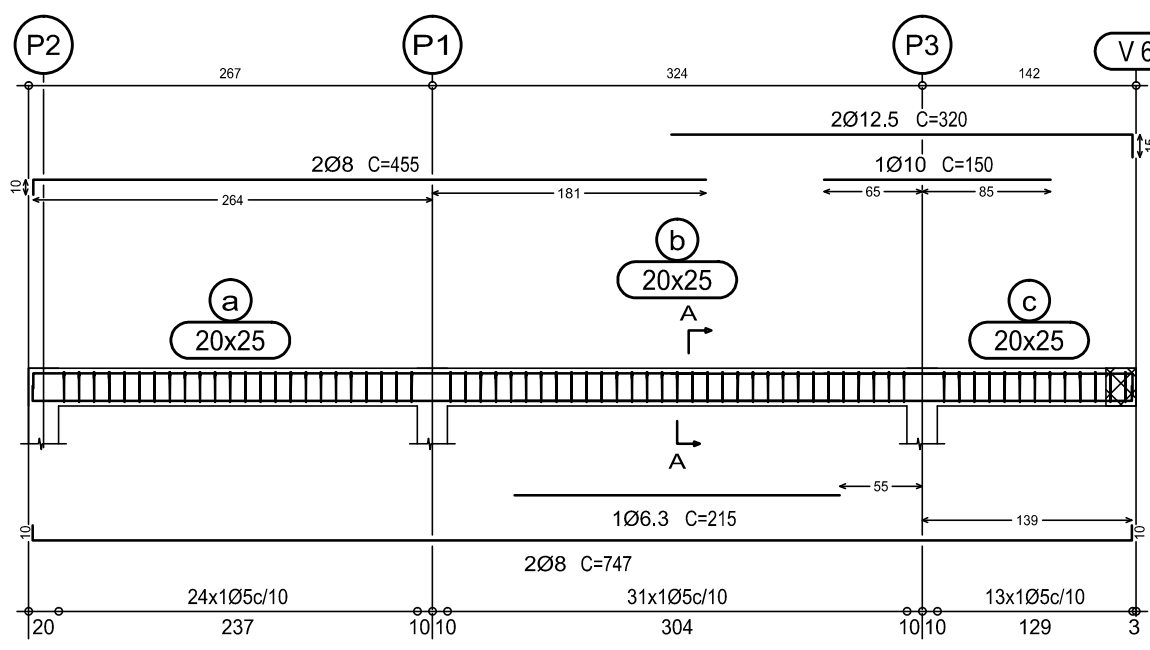
C2: Planta 1



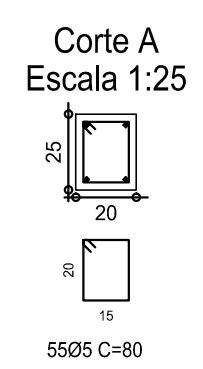
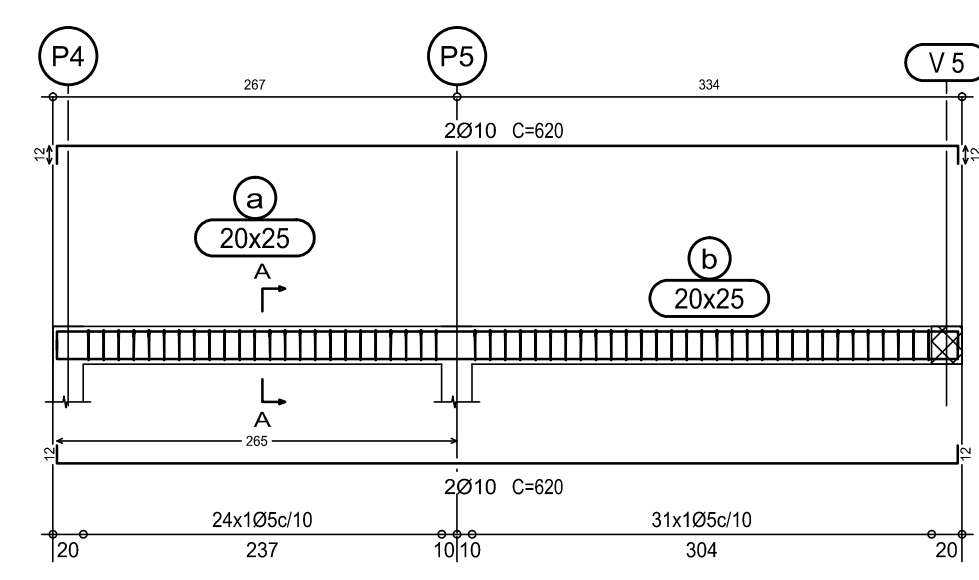
Escala: 1:50  
Plataforma  
Armaduras das cortinas

Resumo Aço	Comp. total	Peso
Armaduras das cortinas	(m)	(kg)
CA-50-A Ø6.3	232.3	57
CA-50-A Ø8	229.2	91
CA-50-A		148

V 1  
Escala 1:50

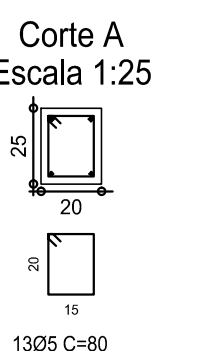
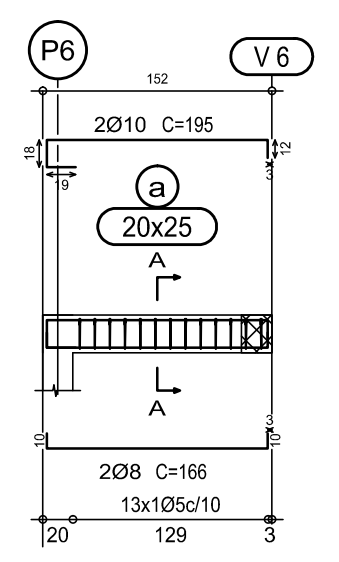


V 2  
Escala 1:50

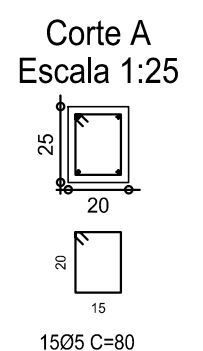
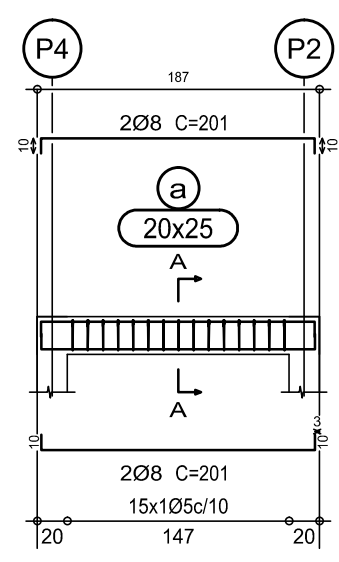


Resumo Aço	Comp. total	Peso+10%
Cota_000	(m)	(kg)
CA-50-A Ø6.3	8.6	2
Ø8	48.4	19
Ø10	43.6	27
Ø12.5	6.4	6
CA-60-B Ø5	173.5	27
Total		81

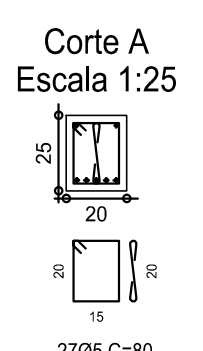
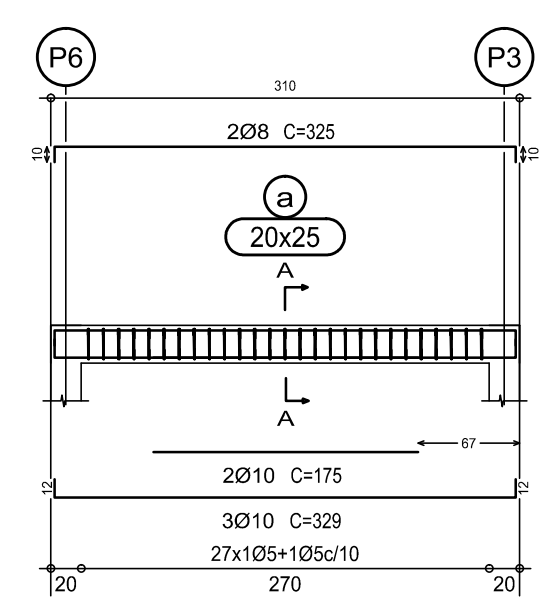
V 3  
Escala 1:50



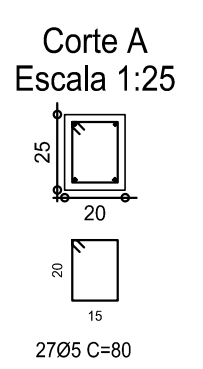
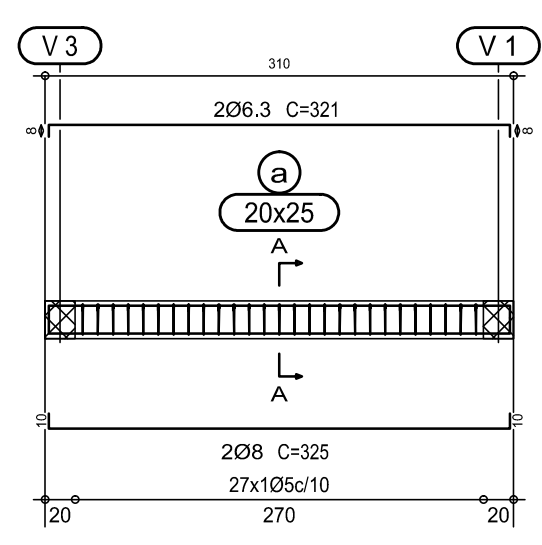
V 4  
Escala 1:50



V 5  
Escala 1:50



V 6  
Escala 1:50



Cota\_000  
Desenho de vigas  
Concreto: C25, em geral  
Aço: CA-50-A e CA-60-B  
Escala vigas: 1:50  
Escala seções: 1:25

**INSTITUTO FEDERAL**  
Sul-rio-grandense

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dpo@ifsul.edu.br / dpo\_sproj@ifsul.edu.br / dpo\_cdisc@ifsul.edu.br

RESPONSÁVEL TÉCNICO  
PROJETO

RESPONSÁVEL TÉCNICO  
EXECUÇÃO

PROPRIETÁRIO

**CAMPUS SANTANA DO LIVRAMENTO**  
AV. PAUL HARRIS, Nº 410

**PROJETO ESTRUTURAL**  
ÁREA DA OBRA  
4.612,45 m²

**ETAPA 2 - REFORMAS E ADAPTAÇÕES -  
PLATAFORMA DE CONEXÃO**

DESENHO  
PLATÃO

DATA  
NOVEMBRO/2015

ESCALA  
INDICADA

PRANCHA  
**PES/11-17**

OBRA  
CSL 002/2015

VISTO