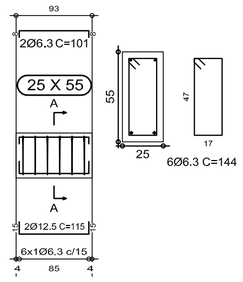
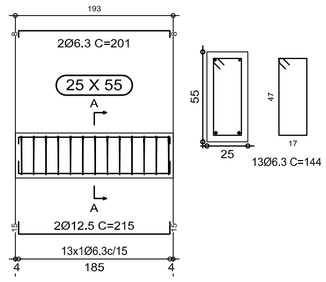
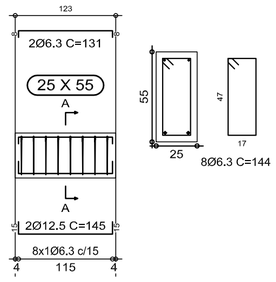
V1



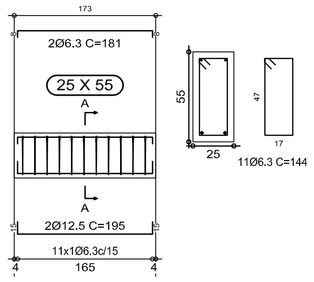
V2



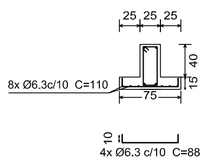
V3



V4



V1



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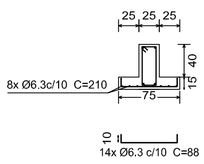
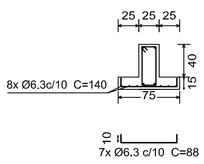
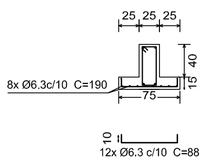


V3

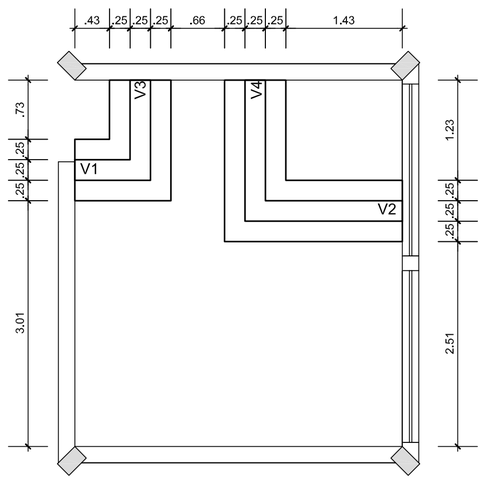


V4



Fundação
Detalhamento fundação
Concreto: C20, em geral

Resumo Aço Fundação		Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	Ø6.3	151,56	40.85	
	Ø12.5	13,40	14.20	55.05



Fundação
Planta da sapata corrida
Concreto: C20, em geral

OBS.: CONFERIR MEDIDAS EM OBRA

INSTITUTO FEDERAL
SUL-RIO-GRANDENSE
Campus Venâncio Aires

CAMPUS VENÂNCIO AIRES
Av. das Indústrias, 1865 - CEP 95800-000 - Venâncio Aires/RS
(51) 3983.1116 -davenancioaires@ifsul.edu.br

RESPONSÁVEL TÉCNICO/PROJETO:

PLATÃO TAVARES ALVES DA FONSECA- CREA/RS 47.000

RESPONSÁVEL TÉCNICO/EXECUÇÃO:

PROPRIETÁRIO:

CAMPUS VENÂNCIO AIRES - BLOCO OFICINAS 2

PROJETO ESTRUTURAL

DETALHE FUNDAÇÃO ENTRADA WCS E PNES

H:\OFICINAS 2\11.09.19 OFICINAS 2 LICITAÇÃO\PROJETO ESTRUTURAL\CVA 0012011 PES 0205 FUNDAÇÕES WCS.DWG

DESENHO	ELTON
VISTO	
MODIF. EM	
ARQUIVO	CVA 001/2011
DATA	SET/2011
ESCALA	1/50
PRANCHA	PES 02/05