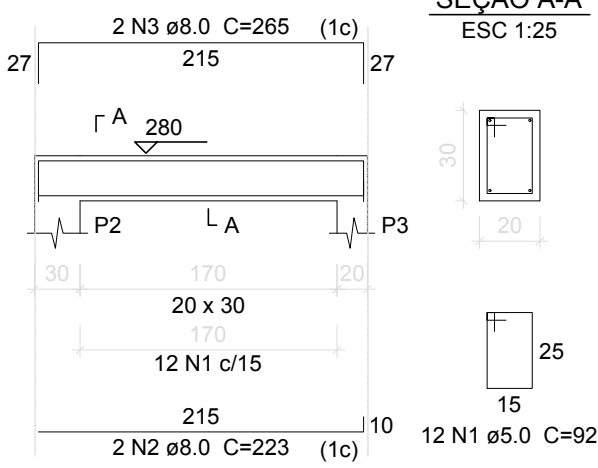
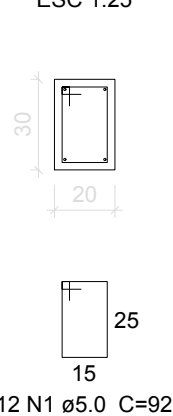


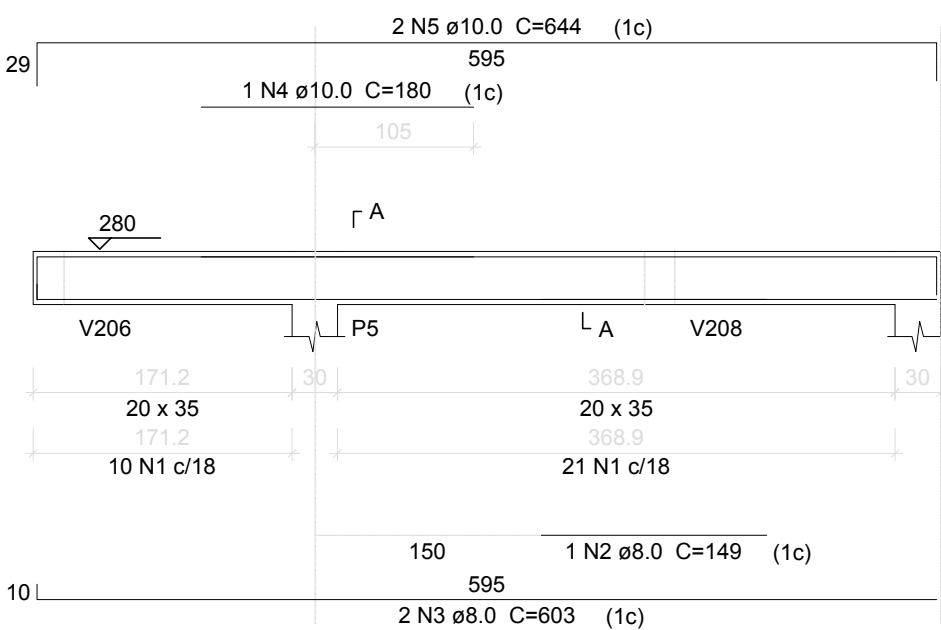
V201
ESC 1:50



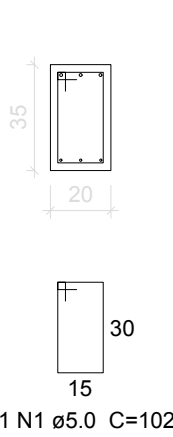
SEÇÃO A-A
ESC 1:25



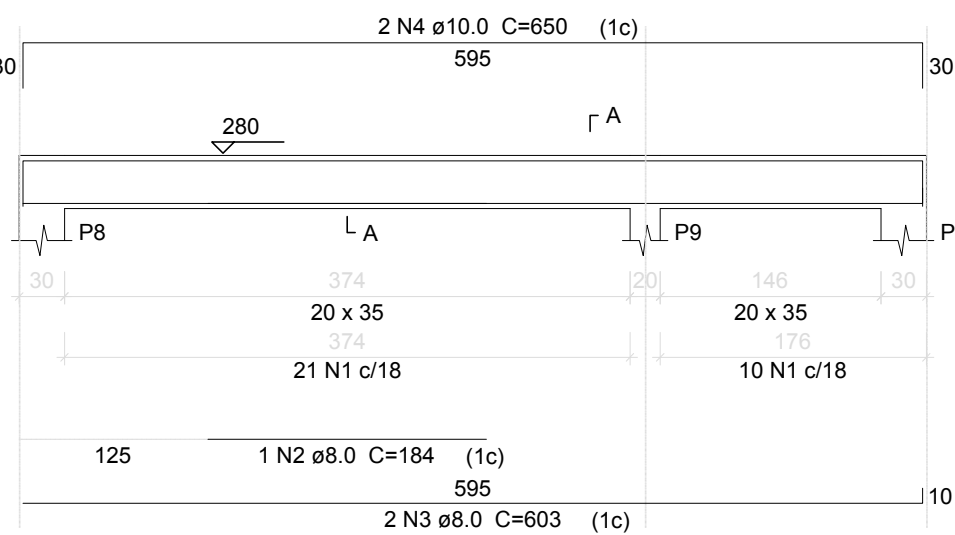
V202
ESC 1:50



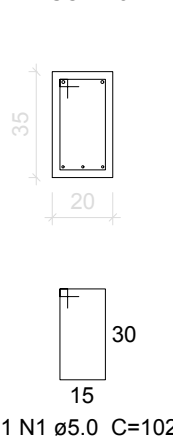
SEÇÃO A-A
ESC 1:25



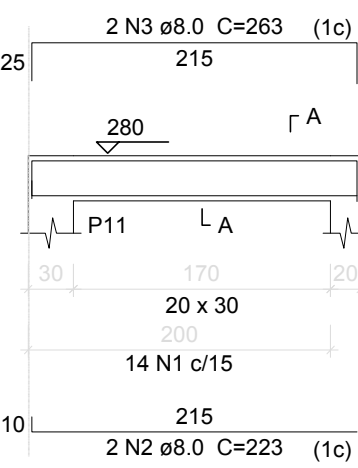
V203
ESC 1:50



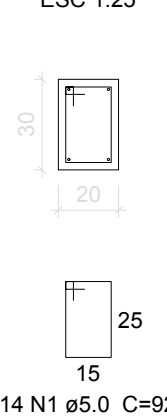
SEÇÃO A-A
ESC 1:25



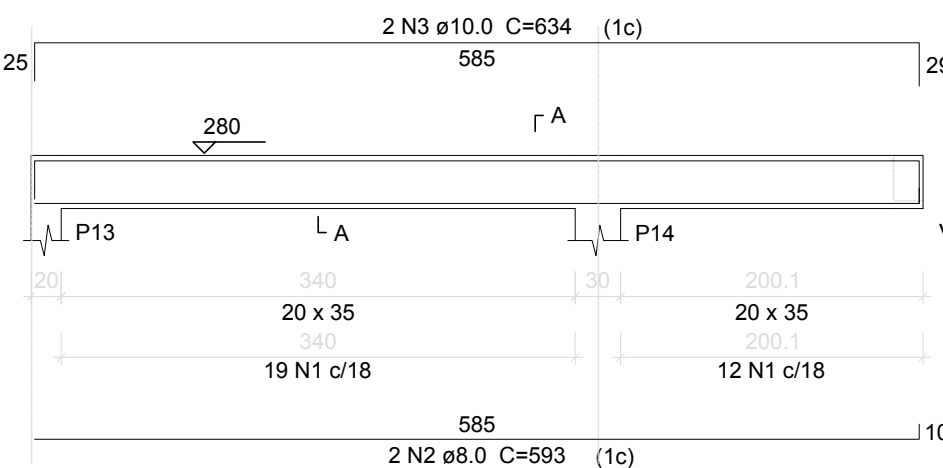
V204
ESC 1:50



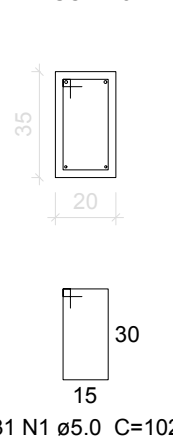
SEÇÃO A-A
ESC 1:25



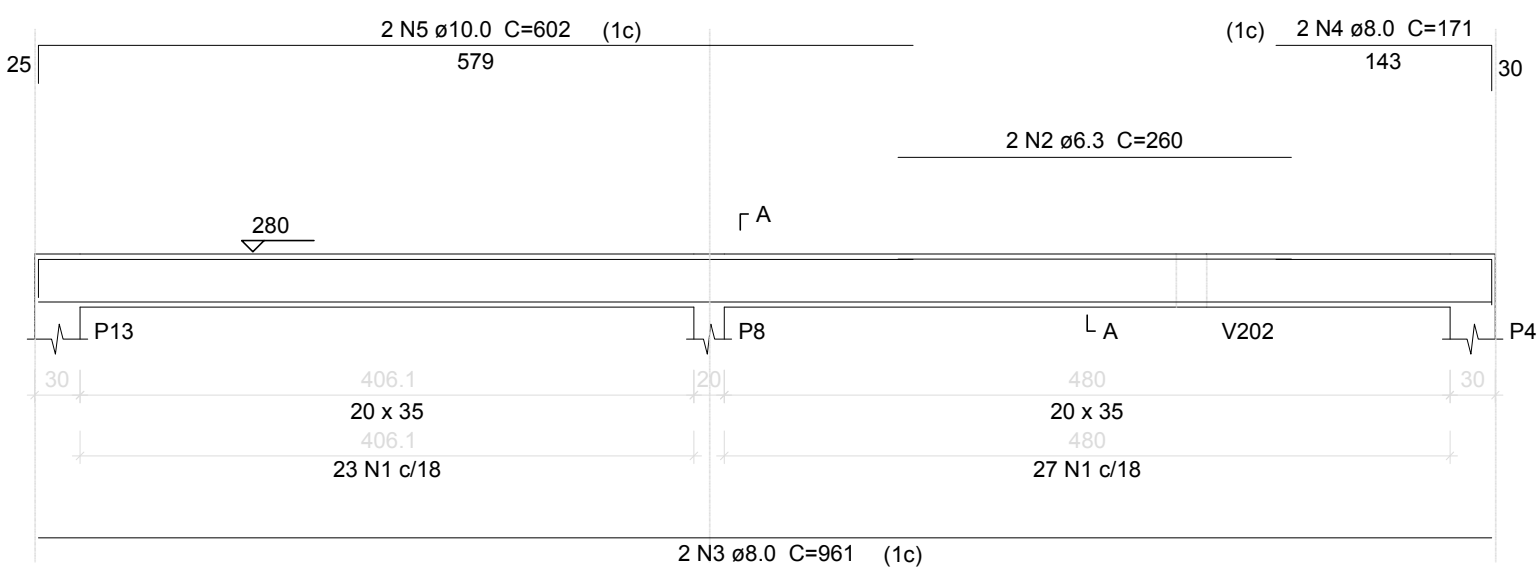
V205
ESC 1:50



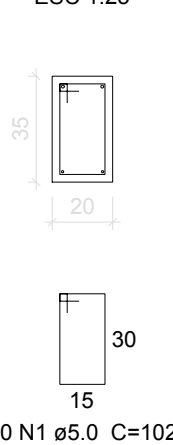
SEÇÃO A-A
ESC 1:25



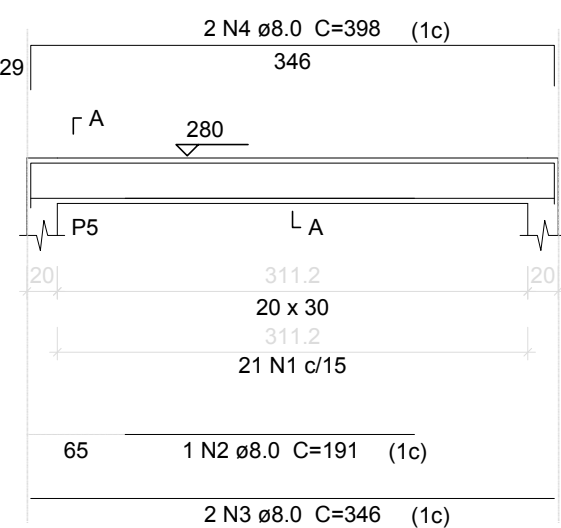
V206
ESC 1:50



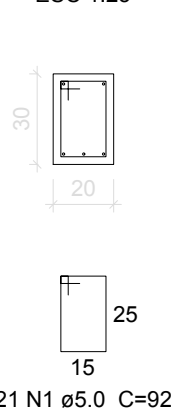
SEÇÃO A-A
ESC 1:25



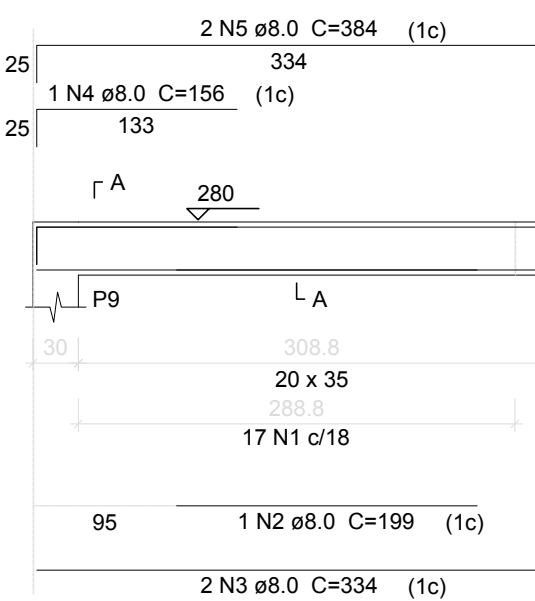
V207
ESC 1:50



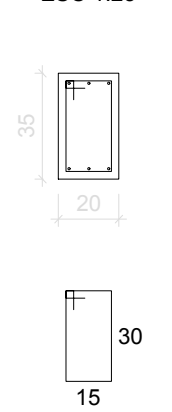
SEÇÃO A-A
ESC 1:25



V208
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

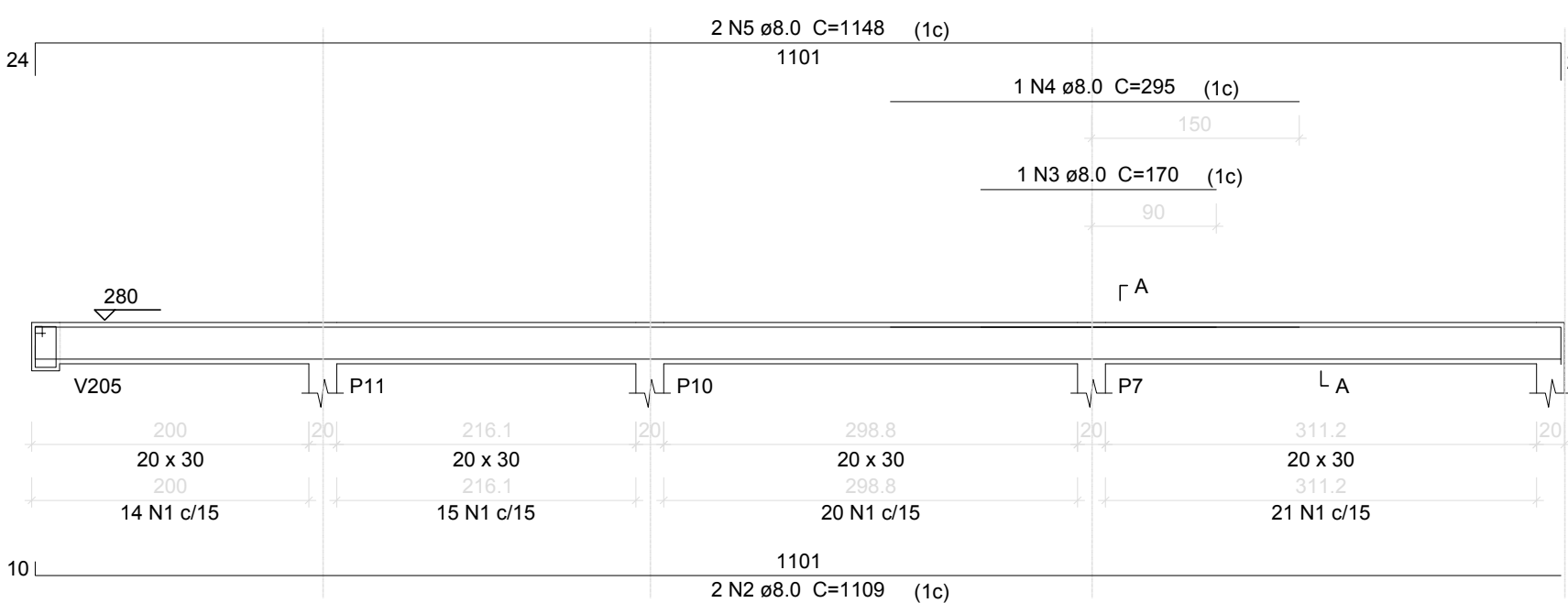
ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
V201	CA60	1	5.0	12	92	1104
	CA50	2	8.0	2	223	446
V202	CA50	3	8.0	2	265	530
	CA60	1	5.0	31	102	3162
V203	CA50	2	8.0	1	149	149
	CA50	3	8.0	2	603	1206
V204	CA50	4	10.0	1	180	180
	CA50	5	10.0	2	644	1288
V205	CA60	1	5.0	31	102	3162
	CA50	2	8.0	2	593	1186
V206	CA50	3	10.0	2	634	1268
	CA60	1	5.0	50	102	5100
V207	CA50	2	6.3	2	260	520
	CA50	3	8.0	2	961	1922
V208	CA50	4	8.0	2	171	342
	CA50	5	10.0	2	602	1204
V209	CA60	1	5.0	21	92	1932
	CA50	2	8.0	1	191	191
V201	CA50	3	8.0	2	346	692
	CA50	4	8.0	2	398	796
V202	CA60	1	5.0	17	102	1734
	CA50	2	8.0	1	199	199
V203	CA50	3	8.0	2	334	668
	CA50	4	8.0	1	156	156
V204	CA50	5	8.0	2	384	768
	CA60	1	5.0	70	92	6440
V205	CA50	2	8.0	2	1109	2218
	CA50	3	8.0	1	170	170
V206	CA50	4	8.0	1	295	295
	CA50	5	8.0	2	1148	2296
V207	CA50	6	10.0	1	103	103

Resumo do aço

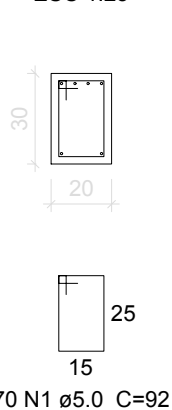
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	5.2	1.3
	8.0	166	65.5
	10.0	53.5	32.9
CA60	5.0	270.9	41.7
PESO TOTAL			
CA50	99.7		
CA60	41.7		

Vol. de concreto total (C-25) = 3.3 m³
Área de forma total = 43.03 m²

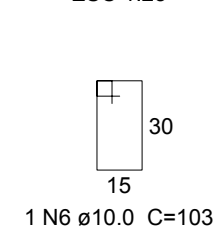
V209
ESC 1:50



SEÇÃO A-A
ESC 1:25



SUSPENSÃO V205
ESC 1:25



Prancha

ES-01

Observações

PREFEITURA MUNICIPAL

Rua Floriano Peixoto- Nº 222

São Pedro do Sul - RS

FONE 55 32766100

Reforma e Ampliação E.M.E.F. Naurelino Souto

Administração	Resp. Técnico
ZIANIA MARIA BOLZAN PREFEITA MUNICIPAL	ARQUITETA CRISTIANE JARDIM FERNANDES CAU RS A 101071-9
ENGENHEIRO CIVIL FELIPE BASSOTTO SKREBSKY CREA RS 237.125	

PROJETO ESTRUTURAL

DETALHAMENTO FERRAGENS VIGAS AÉREAS

Local	Distrito do Xiniquá, N° 6005, São Pedro do Sul - RS		
Data	Julho/2021	Escala	Indicada
Área		Desenho	Felipe Bassotto