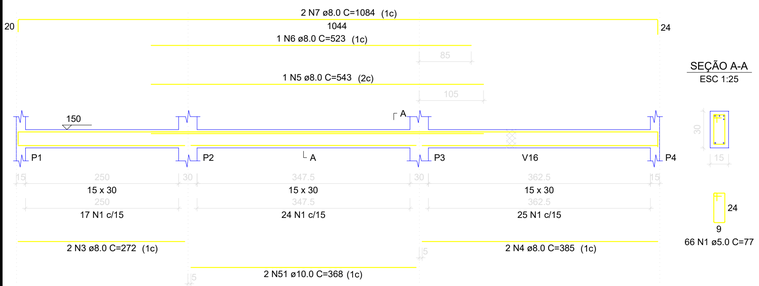
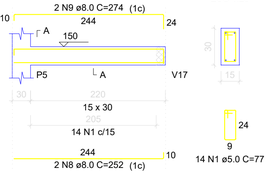
V1
ESC 1:50



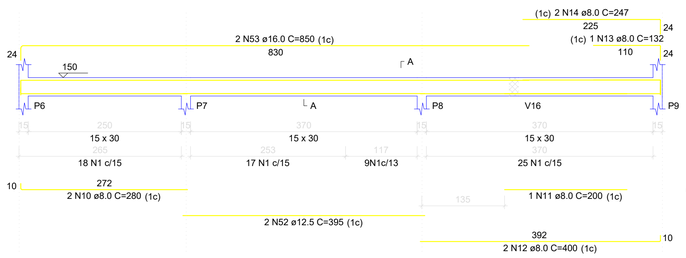
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



SEÇÃO A-A
ESC 1:25

V3
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8 V9
V10 V11 V12
V13 V14 V15
V16

AÇO	N.	DIAM (mm)	QUANT.	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	895	77	68915
	2	5.0	1	265	265
CA50	3	8.0	2	272	544
	4	8.0	4	385	1540
	5	8.0	1	543	543
	6	8.0	1	523	523
	7	8.0	2	1084	2168
	8	8.0	2	252	504
	9	8.0	2	274	548
	10	8.0	2	280	560
	11	8.0	1	200	200
	12	8.0	2	400	800
	13	8.0	1	132	132
	14	8.0	2	247	494
	15	8.0	1	215	215
	16	8.0	1	220	220
	17	8.0	6	1052	6312
	18	8.0	2	225	450
	19	8.0	1	585	585
	20	8.0	1	856	856
	21	8.0	2	1088	2176
	22	8.0	4	1084	4336
	23	8.0	2	274	548
	24	8.0	2	310	620
	25	8.0	2	504	1008
	26	8.0	2	540	1080
	27	8.0	2	779	1558
	28	8.0	2	815	1630
	29	8.0	2	880	1760
	30	8.0	2	128	256
	31	8.0	4	938	1876
	32	8.0	4	259	1036
	33	8.0	2	957	1914
	34	8.0	2	627	1254
	35	8.0	1	478	478
	36	8.0	2	1200	2400
	37	8.0	2	451	902
	38	8.0	4	907	3628
	39	8.0	2	327	654
	40	8.0	2	1104	2208
	41	8.0	2	161	322
	42	8.0	2	644	1288
	43	8.0	1	185	185
	44	8.0	2	662	1324
	45	8.0	2	927	1854
	46	8.0	2	1198	2396
	47	8.0	2	723	1446
	48	8.0	2	328	656
	49	8.0	1	287	287
	50	8.0	2	356	712
	51	10.0	2	368	736
	52	12.5	2	395	790
	53	16.0	2	850	1700

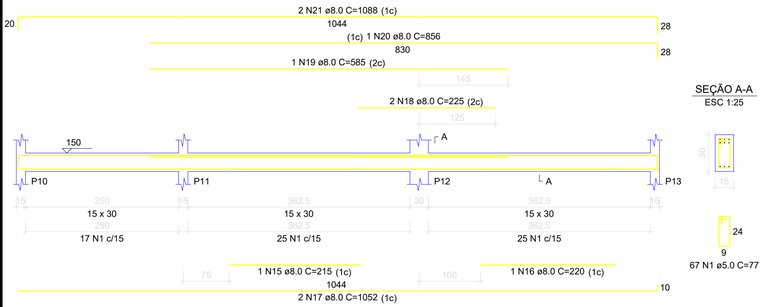
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	589.9	256
	10.0	7.4	5
	12.5	7.9	8.4
	16.0	17	29.5
CA60	5.0	694.5	117.7

PESO TOTAL (kg)	
CA50	298.9
CA60	117.7

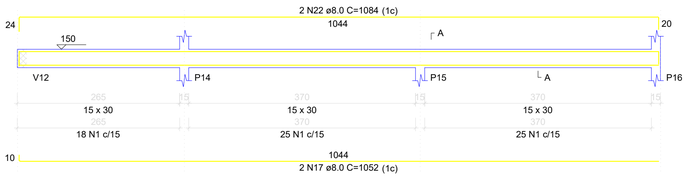
Volume de concreto (C-25) = 5.88 m³
Área de forma = 88.82 m²

V4
ESC 1:50

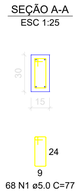


SEÇÃO A-A
ESC 1:25

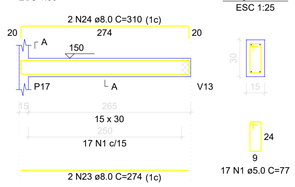
V5
ESC 1:50



SEÇÃO A-A
ESC 1:25

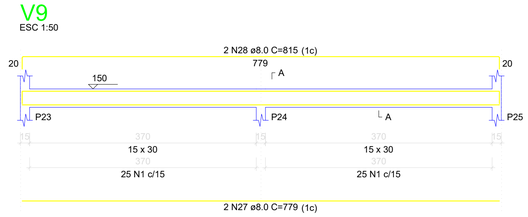


V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

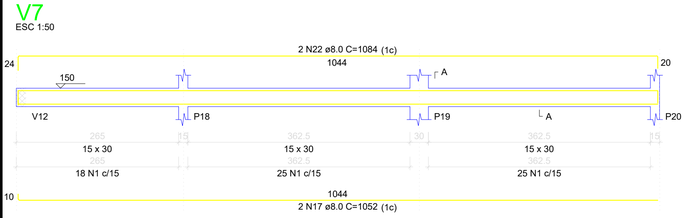
V9
ESC 1:50



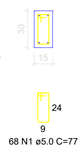
SEÇÃO A-A
ESC 1:25



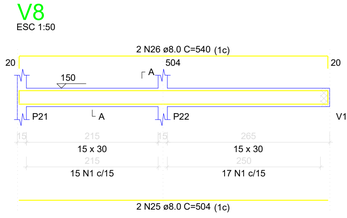
V7
ESC 1:50



SEÇÃO A-A
ESC 1:25



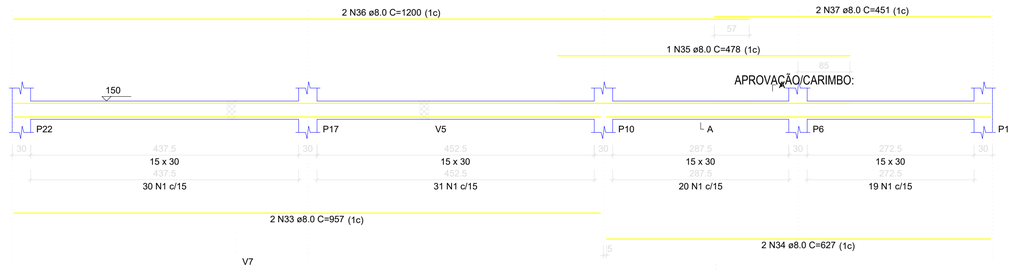
V8
ESC 1:50



SEÇÃO A-A
ESC 1:25



V12
ESC 1:50

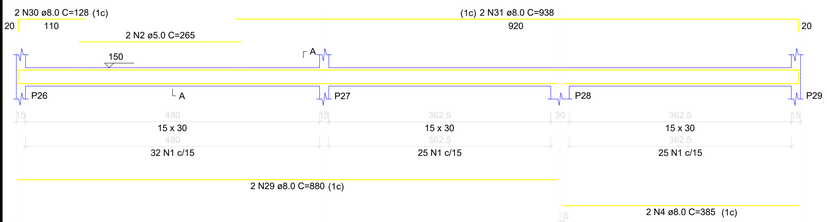


SEÇÃO A-A
ESC 1:25

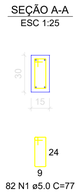


APROVAÇÃO/CARIMBO:

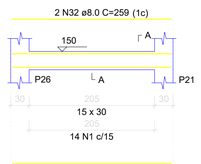
V10
ESC 1:50



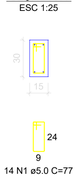
SEÇÃO A-A
ESC 1:25



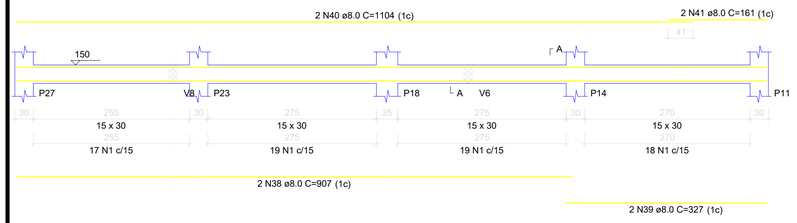
V11
ESC 1:50



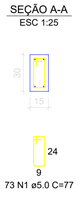
SEÇÃO A-A
ESC 1:25



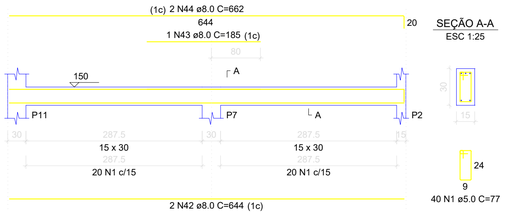
V13
ESC 1:50



SEÇÃO A-A
ESC 1:25

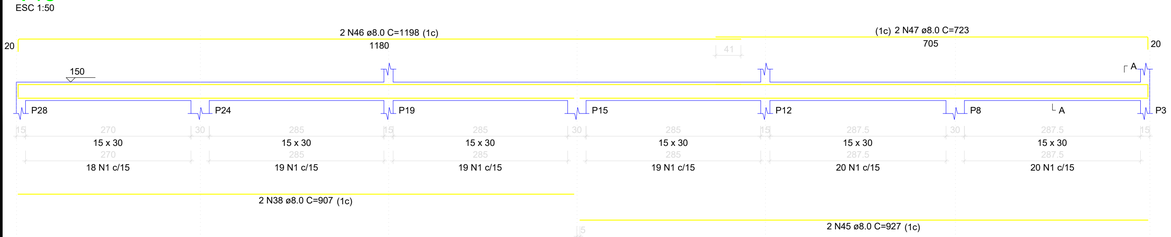


V14
ESC 1:50

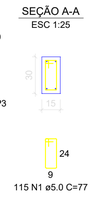


SEÇÃO A-A
ESC 1:25

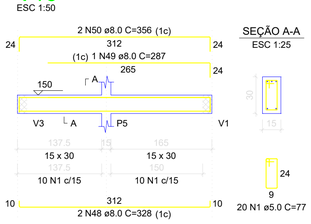
V15
ESC 1:50



SEÇÃO A-A
ESC 1:25



V16
ESC 1:50



SEÇÃO A-A
ESC 1:25

AMNOROESTE
ASSOCIAÇÃO DOS MUNICÍPIOS DO NOROESTE DE SANTA CATARINA

PROJETO:	ESTRUTURAL
OBRA:	REFORMA E AMPLIAÇÃO DO CEMEI MUNICIPAL
ENDEREÇO:	RUA JOÃO BEUX SOBRINHO CENTRO - IRATI-SC
PROPRIETÁRIO:	ODIRLEI CARLOS BERGAMASCHI:02373759900 2026.07.15 09:09:23 -03'00' — PREFEITURA MUNICIPAL DE IRATÍ - SC CNPJ 95.990.230/0001-51
RESPONSÁVEL TÉCNICO:	Engº Civil Amarildo M. Ribeiro - CREA-SC 156004-7
RESPONSÁVEL TÉCNICO	JAISON RENAN DOS SANTOS:10341435902 Assinado de forma digital por JAISON RENAN DOS SANTOS:10341435902 — Engº Civil Jaison R. dos Santos - CREA SC 178513-5
RESPONSÁVEL TÉCNICO:	Engº Matheus Bez da Silveira - CREA-SC 202276-0
RESPONSÁVEL TÉCNICO:	Engº Eletricista Charlan Smaniotto Luzzatto - CREA-SC 127695-8
DESENHO CAD:	Eliveltro Jesus Passini - CFT - 01901295907 Edivanda Meurer - CREA SC 179524-5
DESCRIÇÃO	VIGAS BALDRAMES DETALHES LEGENDA — PRANCHA: EST - 06/12
ÁREA TOTAL :	ESCALA: INDICADA
CONTATO:	E-MAIL: amnoroeste@amnoroeste.org.br - TEL: (49)3344-1991

22/06/2026