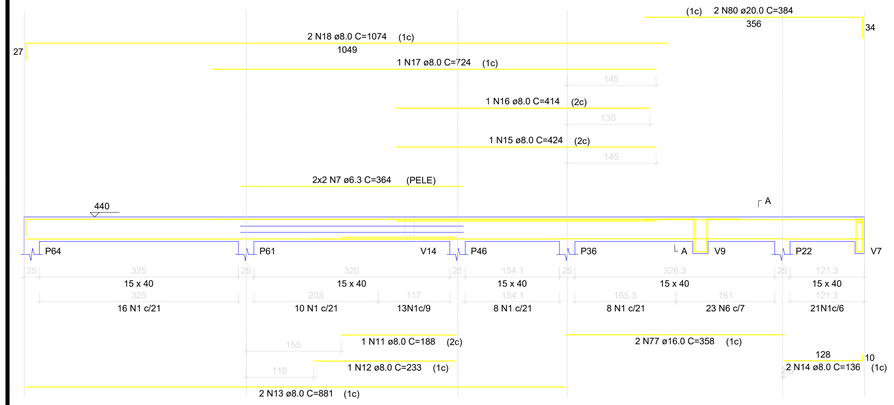
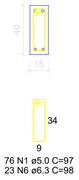
V21
ESC 1:50



SEÇÃO A-A
ESC 1:25



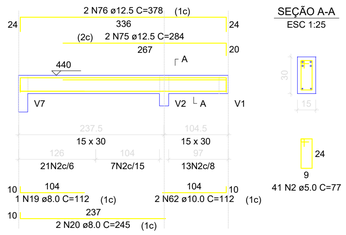
SUSPENSÃO V9
ESC 1:25



SUSPENSÃO V7
ESC 1:25



V22
ESC 1:50



SEÇÃO A-A
ESC 1:25

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	149.8	40.3
	8.0	374.5	162.6
	10.0	115.6	78.4
	12.5	13.2	14
	16.0	29.3	50.9
	20.0	7.7	20.8
CA60	5.0	557.9	94.6

PESO TOTAL (kg)

CA50	367
CA60	94.6

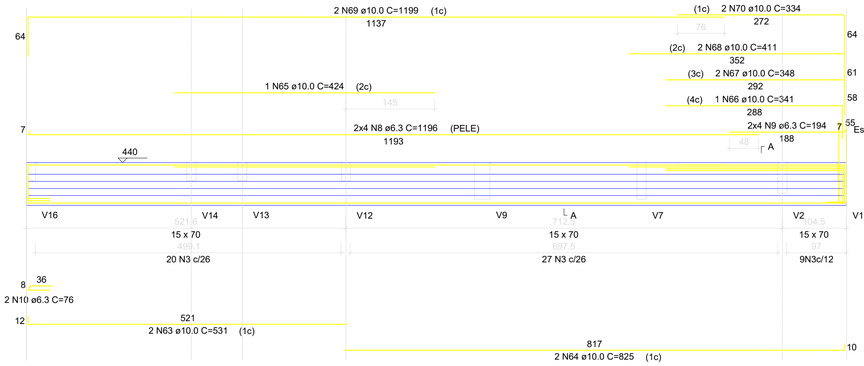
Volume de concreto (C-25) = 5.36 m³
Área de forma = 85.91 m²

RELAÇÃO DO AÇO

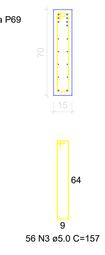
V21	V22	V23
V24	V25	V26
V27	V28	V29
V30	V31	V32
V33	V35	V36
V37	V38	V39

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	76	97	7372
	2	5.0	509	77	39193
	3	5.0	56	157	8792
	4	5.0	4	82	328
	5	5.0	4	27	108
CA50	6	6.3	23	98	2254
	7	6.3	4	364	1456
	8	6.3	8	1196	9568
	9	6.3	8	194	1552
	10	6.3	2	76	152
	11	8.0	1	188	188
	12	8.0	1	233	233
	13	8.0	2	881	1762
	14	8.0	2	136	272
	15	8.0	1	424	424
	16	8.0	1	414	414
	17	8.0	1	724	724
	18	8.0	2	1074	2148
	19	8.0	1	112	112
	20	8.0	2	245	490
	21	8.0	1	195	195
	22	8.0	2	1006	2012
	23	8.0	1	180	180
	24	8.0	1	424	424
	25	8.0	1	135	135
	26	8.0	2	1056	2112
	27	8.0	1	112	112
	28	8.0	2	352	704
	29	8.0	2	312	624
	30	8.0	1	208	208
	31	8.0	2	437	874
	32	8.0	2	355	710
	33	8.0	1	164	164
	34	8.0	1	175	175
	35	8.0	1	234	234
	36	8.0	2	279	558
	37	8.0	3	383	1149
	38	8.0	2	467	934
	39	8.0	3	115	345
	40	8.0	2	155	310
	41	8.0	2	371	742
	42	8.0	1	709	709
	43	8.0	1	732	732
	44	8.0	2	1114	2228
	45	8.0	1	182	728
	46	8.0	2	214	428
	47	8.0	4	190	760
	48	8.0	2	212	1696
	49	8.0	2	809	1618
	50	8.0	2	827	1654
	51	8.0	2	324	648
	52	8.0	2	360	726
	53	8.0	2	174	348
	54	8.0	2	959	1918
	55	8.0	2	995	1990
	56	8.0	2	298	596
	57	8.0	2	314	628
	58	8.0	2	216	432
	59	8.0	2	116	232
	60	10.0	2	226	452
	61	10.0	2	531	1062
	62	10.0	2	112	224
	63	10.0	2	531	1062
	64	10.0	2	845	1690
	65	10.0	1	424	424
	66	10.0	1	341	341
	67	10.0	2	348	696
	68	10.0	2	411	822
	69	10.0	2	1199	2398
	70	10.0	2	334	668
	71	10.0	2	379	758
	72	10.0	2	464	928
	73	10.0	2	510	1020
	74	10.0	1	216	216
	75	12.5	2	284	568
	76	12.5	2	378	756
	77	16.0	2	358	716
	78	16.0	10	146	1460
	79	16.0	2	377	754
	80	20.0	2	384	768

V23
ESC 1:50



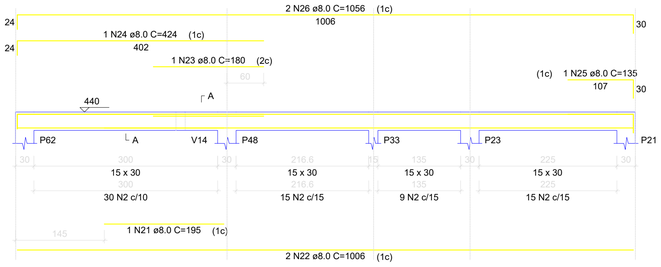
SEÇÃO A-A
ESC 1:25



ESPERA P69
ESC 1:25



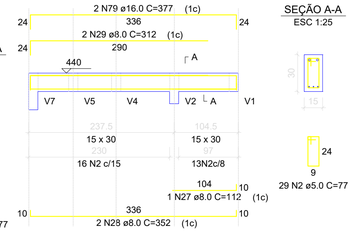
V24
ESC 1:50



SEÇÃO A-A
ESC 1:25

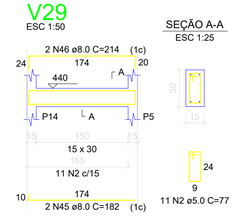


V25
ESC 1:50



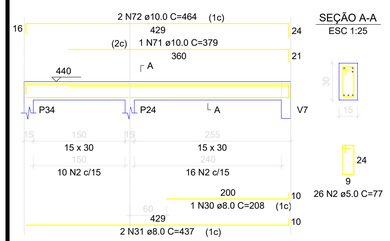
SEÇÃO A-A
ESC 1:25

V29
ESC 1:50



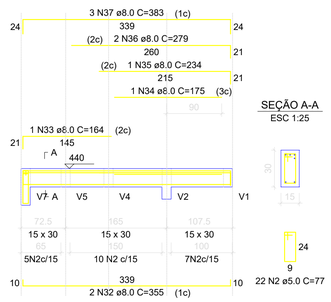
SEÇÃO A-A
ESC 1:25

V26
ESC 1:50



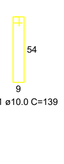
SEÇÃO A-A
ESC 1:25

V27
ESC 1:50

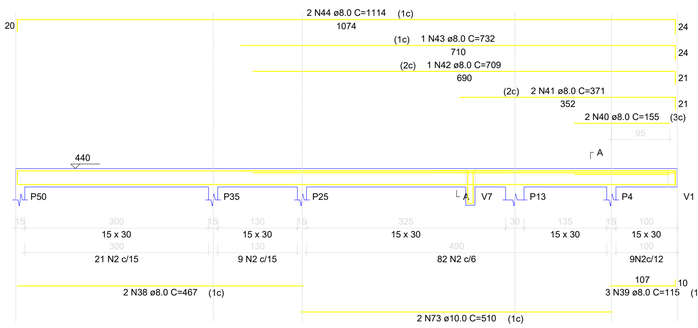


SEÇÃO A-A
ESC 1:25

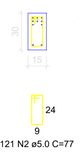
SUSPENSÃO V7
ESC 1:25



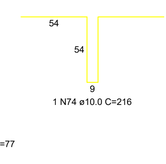
V28
ESC 1:50



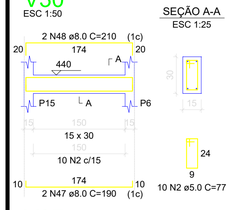
SEÇÃO A-A
ESC 1:25



SUSPENSÃO V7
ESC 1:25

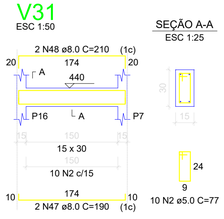


V30
ESC 1:50



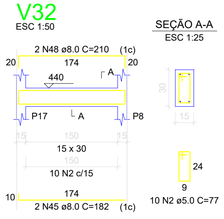
SEÇÃO A-A
ESC 1:25

V31
ESC 1:50



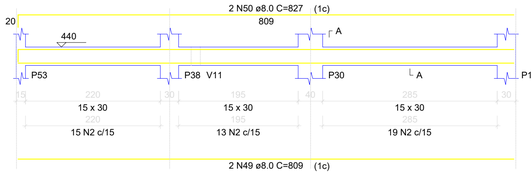
SEÇÃO A-A
ESC 1:25

V32
ESC 1:50

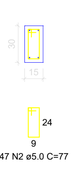


SEÇÃO A-A
ESC 1:25

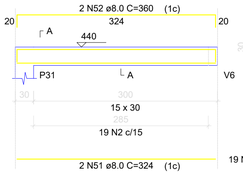
V33
ESC 1:50



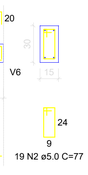
SEÇÃO A-A
ESC 1:25



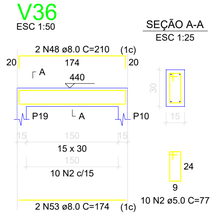
V35
ESC 1:50



SEÇÃO A-A
ESC 1:25

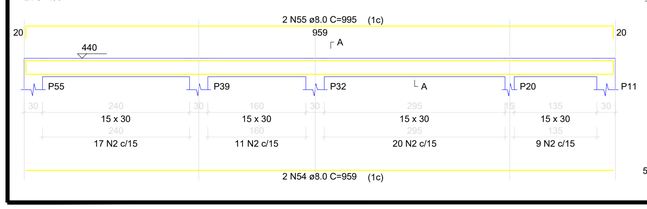


V36
ESC 1:50

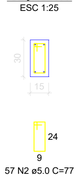


SEÇÃO A-A
ESC 1:25

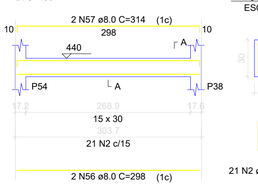
V37
ESC 1:50



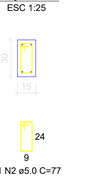
SEÇÃO A-A
ESC 1:25



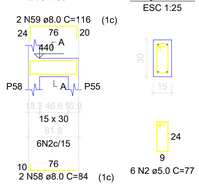
V38
ESC 1:50



SEÇÃO A-A
ESC 1:25



V39
ESC 1:50



SEÇÃO A-A
ESC 1:25

AMNOROESTE
ASSOCIAÇÃO DOS MUNICÍPIOS DO NOROESTE DE SANTA CATARINA

PROJETO:	ESTRUTURAL
OBRA:	REFORMA / AMPLIAÇÃO QUADRA PRAÇA HÉLIO ANTÔNIO FAREZIN
ENDEREÇO:	RUA PRIMO BODANESE CENTRO - QUILOMBO-SC
PROPRIETÁRIO:	PREFEITURA MUNICIPAL DE QUILOMBO - SC CNPJ 83.021.865/0001-61
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 2° PAVIMENTO - NÍVEL 440	PRANCHA: ES - 18/25
ÁREA : ÁREA A AMPLIAR = 593,61m² ÁREA A REFORMAR = 1.938,53m² ÁREA TOTAL = 2.532,14m²	ESCALA: INDICADA
CONTATO:	E-MAIL: amnoroeste@amnoroeste.org.br - TEL: (49)3344-1991

20/03/2026