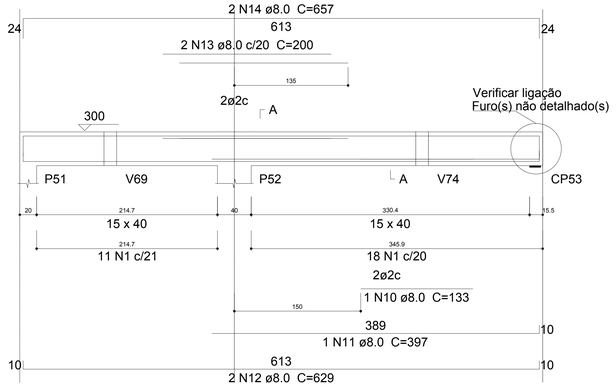
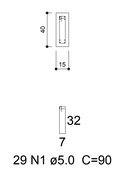
V32
ESC 1:25

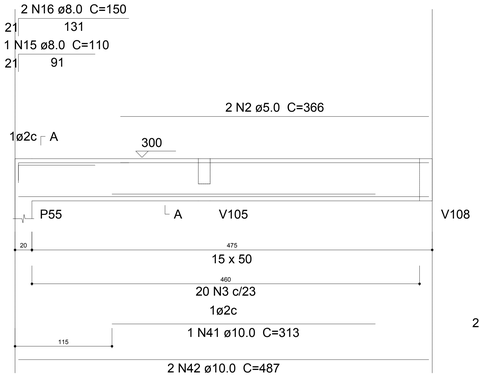


SEÇÃO A-A
ESC 1:25

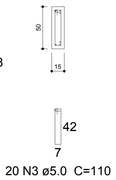


29 N1 ø5.0 C=90

V34
ESC 1:25

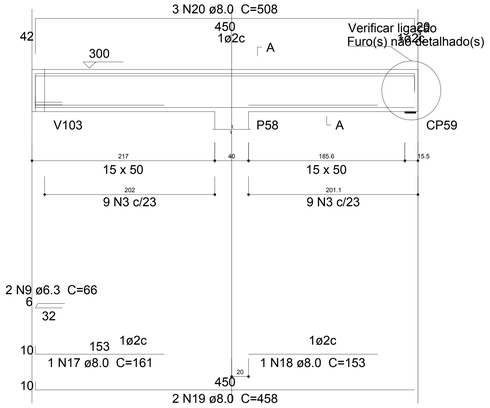


SEÇÃO A-A
ESC 1:25

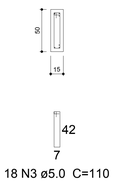


20 N3 ø5.0 C=110

V38
ESC 1:25

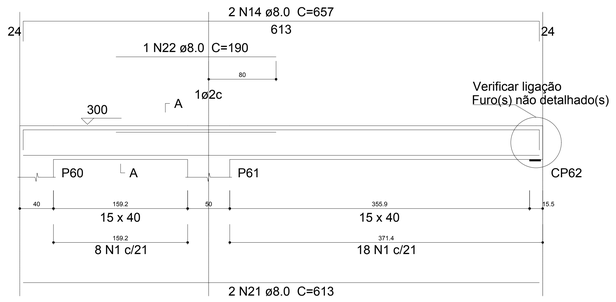


SEÇÃO A-A
ESC 1:25

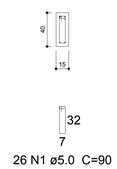


18 N3 ø5.0 C=110

V39
ESC 1:25

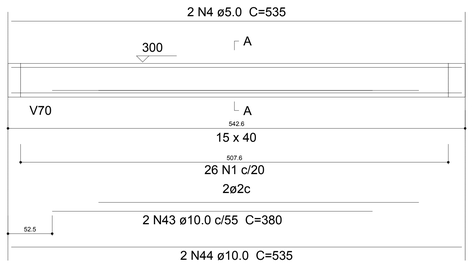


SEÇÃO A-A
ESC 1:25

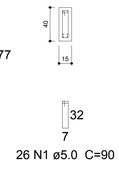


26 N1 ø5.0 C=90

V41
ESC 1:25

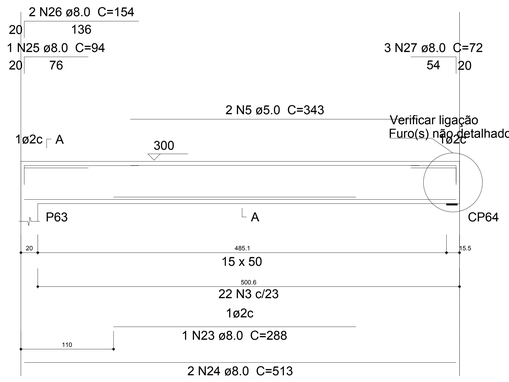


SEÇÃO A-A
ESC 1:25

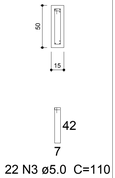


26 N1 ø5.0 C=90

V42
ESC 1:25

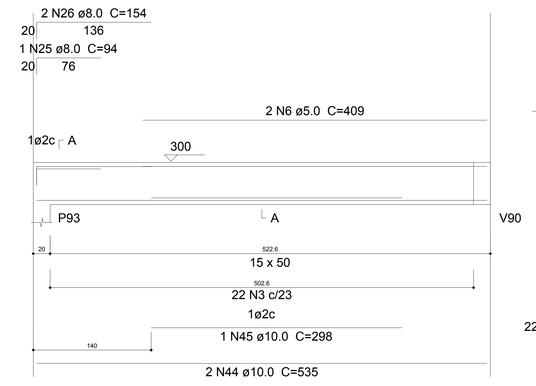


SEÇÃO A-A
ESC 1:25

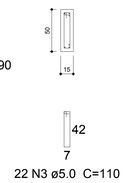


22 N3 ø5.0 C=110

V57
ESC 1:25

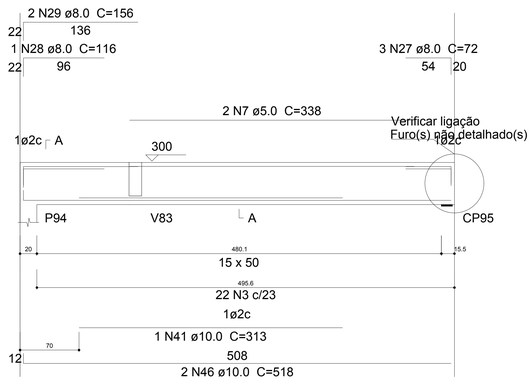


SEÇÃO A-A
ESC 1:25

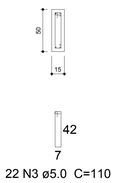


22 N3 ø5.0 C=110

V58
ESC 1:25

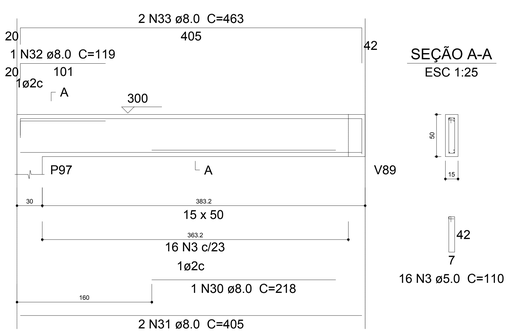


SEÇÃO A-A
ESC 1:25



22 N3 ø5.0 C=110

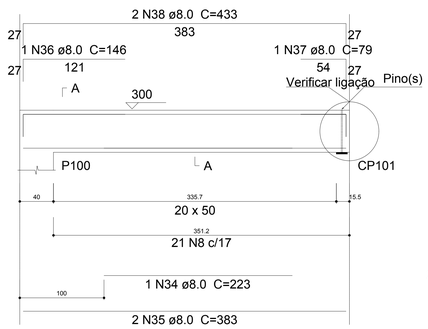
V59
ESC 1:25



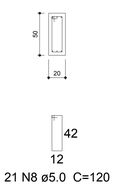
SEÇÃO A-A
ESC 1:25

16 N3 ø5.0 C=110

V60
ESC 1:25

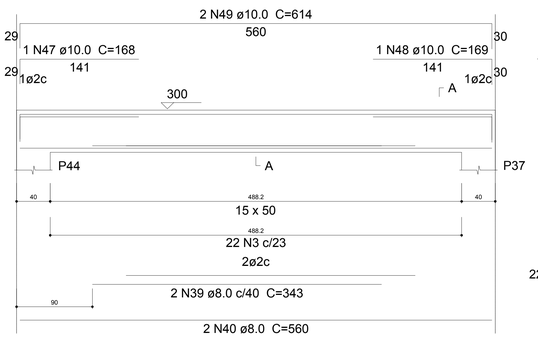


SEÇÃO A-A
ESC 1:25

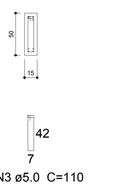


21 N8 ø5.0 C=120

V68
ESC 1:25

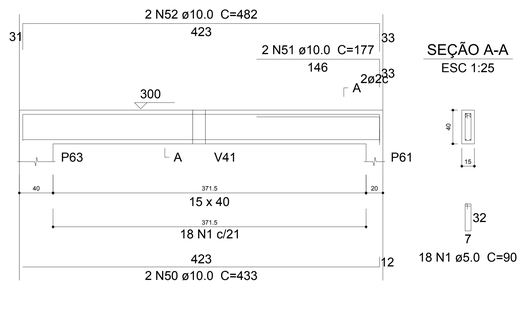


SEÇÃO A-A
ESC 1:25



22 N3 ø5.0 C=110

V70
ESC 1:25



SEÇÃO A-A
ESC 1:25

18 N1 ø5.0 C=90

20 VIGAS COBERTURA (Estrutura h=3,00m)
ESCALA: 1/25

Relação do aço

V32 V34 V38
V39 V41 V42
V57 V58 V59
V60 V68 V70

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	99	90	8910
	2	5.0	2	366	732
	3	5.0	142	110	15620
	4	5.0	2	535	1070
	5	5.0	2	343	686
	6	5.0	2	409	818
	7	5.0	2	338	676
	8	5.0	21	120	2520
CA50	9	6.3	2	66	132
	10	8.0	1	133	133
	11	8.0	1	397	397
	12	8.0	2	629	1258
	13	8.0	2	200	400
	14	8.0	4	657	2628
	15	8.0	1	110	110
	16	8.0	2	150	300
	17	8.0	1	161	161
	18	8.0	1	153	153
	19	8.0	2	458	916
	20	8.0	3	508	1524
	21	8.0	2	613	1226
	22	8.0	1	190	190
	23	8.0	1	288	288
	24	8.0	2	513	1026
	25	8.0	2	94	188
	26	8.0	4	154	616
	27	8.0	6	72	432
	28	8.0	1	116	116
	29	8.0	2	156	312
	30	8.0	1	218	218
	31	8.0	2	405	810
	32	8.0	1	119	119
	33	8.0	2	463	926
	34	8.0	1	223	223
	35	8.0	2	383	766
	36	8.0	1	146	146
	37	8.0	1	79	79
	38	8.0	2	433	866
	39	8.0	2	343	686
	40	8.0	2	560	1120
	41	10.0	2	313	626
	42	10.0	2	487	974
	43	10.0	2	380	760
	44	10.0	4	535	2140
	45	10.0	1	298	298
	46	10.0	2	518	1036
	47	10.0	1	168	168
	48	10.0	1	169	169
	49	10.0	2	614	1228
	50	10.0	2	433	866
	51	10.0	2	177	354
	52	10.0	2	482	964

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	1.4	0.4
	8.0	183.4	79.6
	10.0	95.9	65
CA60	5.0	310.4	52.6

PESO TOTAL (kg)	
CA50	144.9
CA60	52.6

Volume de concreto (C-30) = 4.36 m³
Área de forma = 66.14 m²

Engeobra
CREA SC 158.454-0
ENGENHARIA E INFRAESTRUTURA

Rua Primo Tacca, 350, Bairro Tacca - Xanxerê- SC
E-mail:engenharia.engeobra@gmail.com Cel: (49) 9 9976-0226

OBRA:
GINÁSIO SANTA TEREZINHA

LOCAL:
Rua Achiles Biassotto, s/n, Bairro Guarany - Xaxim - SC

PROJETO:
PROJETO ESTRUTURAL

ESPECIFICAÇÕES:
- Vigas cobertura

DATA: 02/2022
DESENHO: T.L
ÁREA: 3.544,73 m²
ESCALA: Indicada
PRANCHA: 14 /26

Projeto:
Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:04412294927
Dados: 2022.03.09 14:19:52 -03'00'
SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:
PREFEITURA MUNICIPAL DE XAXIM
CNPJ:82.854.670/0001-30