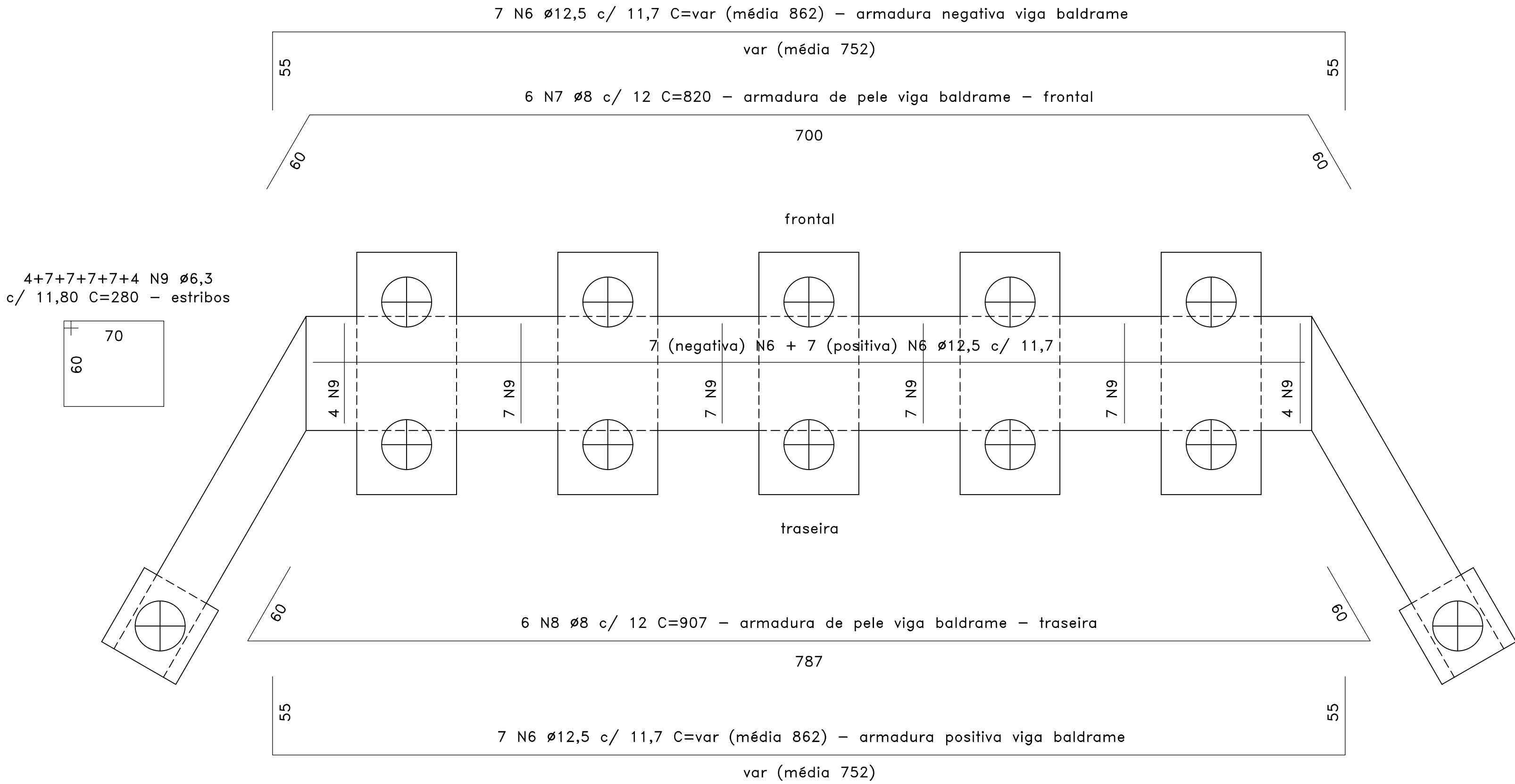
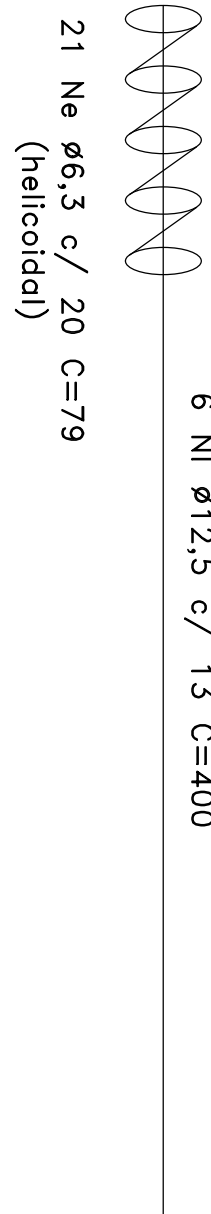
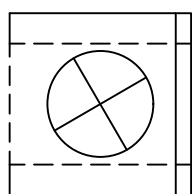




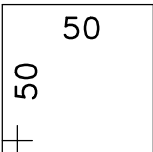
Viga Baldrame da Cortina x2 Cabeceiras
Escala1/25



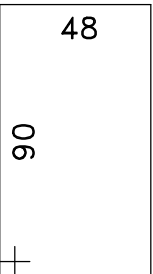
Estacas x24 und
Escala1/25



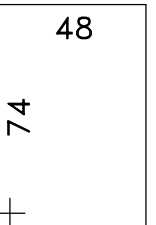
8 N12 Ø8 c/ 11,25
C=220 - armadura de costela



2x2x2 N10 Ø10 c/ 5
C=296 - armadura fora da estaca (duas direções)



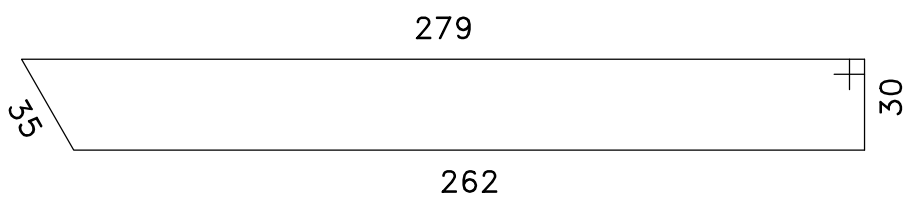
2x3 N11 Ø12,5 c/ 8,75
C=264 - armadura sobre a estaca (duas direções)



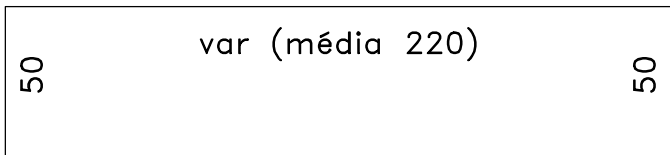
Bloco da Ala x2 und x2 Cabeceiras
Escala1/25

PLANILHA DO AÇO								
ESTRUTURA	N	TIPO	Ø	Qtde	C Unit. (m)	C Total (m)	Peso Unit. (kg/m)	Peso Total (kg)
Blocos cortina	1	CA-50	20,0	50	2,480	124,00	2,466	305,78
Blocos cortina	2	CA-50	12,5	100	2,900	290,00	0,963	279,27
Blocos cortina	3	CA-50	12,5	60	2,880	172,80	0,963	166,41
Blocos cortina	4	CA-50	10,0	100	3,140	314,00	0,617	193,74
Blocos cortina	5	CA-50	8,0	80	4,600	368,00	0,395	145,36
Viga baldrame cortina	6	CA-50	12,5	28	8,620	241,36	0,963	232,43
Viga baldrame cortina	7	CA-50	8,0	12	8,200	98,40	0,395	38,87
Viga baldrame cortina	8	CA-50	8,0	12	9,070	108,84	0,395	42,99
Viga baldrame cortina	9	CA-50	6,3	72	2,800	201,60	0,245	49,39
Bloco ala	10	CA-50	10,0	32	2,960	94,72	0,617	58,44
Bloco ala	11	CA-50	12,5	24	2,600	62,40	0,963	60,09
Bloco ala	12	CA-50	8,0	32	2,200	70,40	0,395	27,81
Viga baldrame ala	13	CA-50	10,0	40	3,200	128,00	0,617	78,98
Viga baldrame ala	14	CA-50	8,0	20	6,260	125,20	0,395	49,45
Viga baldrame ala	15	CA-50	6,3	76	2,000	152,00	0,245	37,24
Cortina	16	CA-50	10,0	106	4,000	424,00	0,617	261,61
Cortina	17	CA-50	10,0	32	4,900	156,80	0,617	96,75
Cortina	18	CA-50	10,0	106	5,090	539,54	0,617	332,90
Cortina	19	CA-50	8,0	42	8,460	355,32	0,395	140,35
Cortina	20	CA-50	8,0	42	9,330	391,86	0,395	154,78
Viga de respaldo	21	CA-50	12,5	14	8,620	120,68	0,963	116,21
Viga de respaldo	22	CA-50	10,0	14	8,620	120,68	0,617	74,46
Viga de respaldo	23	CA-50	6,3	78	2,060	160,68	0,245	39,37
Parede de fechamento	24	CA-50	10,0	106	1,600	169,60	0,617	104,64
Parede de fechamento	25	CA-50	8,0	40	7,950	318,00	0,395	125,61
Cortina	26	CA-50	6,3	32	2,780	88,96	0,245	21,80
Cortina	27	CA-50	6,3	210	1,000	210,00	0,245	51,45
Alas	28	CA-50	8,0	176	5,090	895,84	0,395	353,86
Alas	29	CA-50	8,0	144	6,260	901,44	0,395	356,07
Parede de fechamento	30	CA-50	8,0	16	1,700	27,20	0,395	10,74
Alas	31	CA-50	6,3	180	0,600	108,00	0,245	26,46

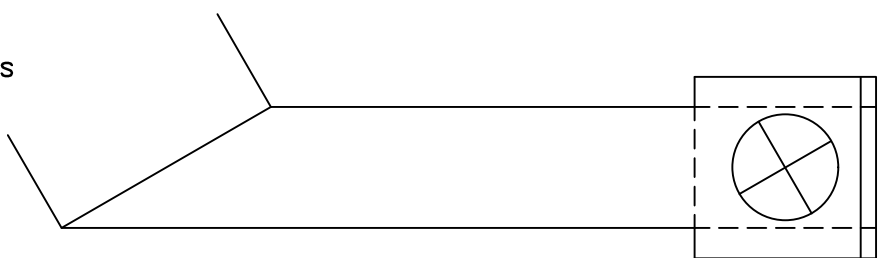
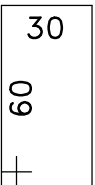
5 N14 Ø8 c/ 10 C=626 - armadura de pele viga baldrame da ala



5 N13 Ø10 c/ 7,5 C=var (média 320) - armadura negativa viga baldrame da ala



19 N15 Ø6,3
c/ 12,20 C=200 - estribos

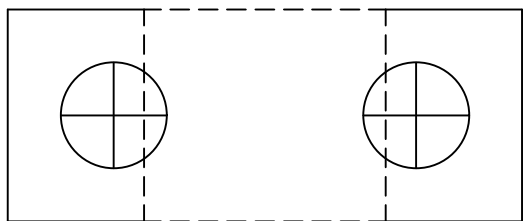
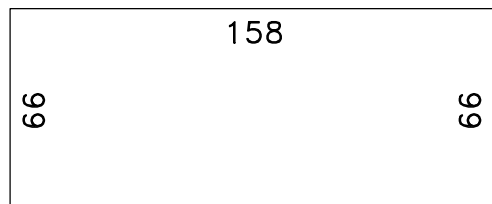


5 N13 Ø10 c/ 7,5 C=var (média 320) - armadura positiva viga baldrame da ala



Viga Baldrame da Ala x2 und x2 Cabeceiras
Escala1/25

6 N2 Ø12,5 c/ 12 C=290 - armadura negativa

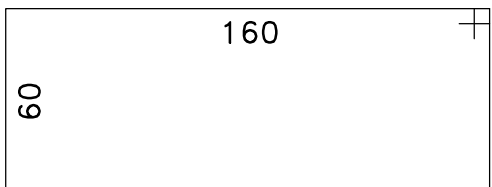


5 N1 Ø20 c/ 8 C=248 - armadura positiva sobre a estaca

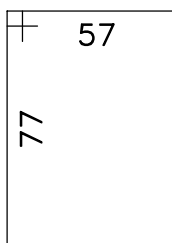


2x2 N2 Ø12,5 c/ 5 C=290 - armadura positiva fundo do bloco

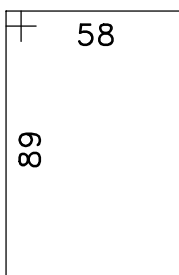
8 N5 Ø8 c/ 11,28 C=460 - armadura de costela



2x3 N3 Ø12,5 c/ 9
C=288 - armadura sobre a estaca



2x2 N4 Ø10 c/ 8 +
6 N4 Ø10 c/ 10,8 C=314 - armadura fora da estaca



Blocos da Cortina x5 und x2 Cabeceiras
Escala1/25



Estado de Santa Catarina
Prefeitura Municipal de Luiz Alves

Data
Março/2026
Escala
Indicada
Arquivo

Projeto
Cabeceiras Ponte Roberto Hess
Local
Rua Roberto Hess
Baixo Canoas - Luiz Alves / SC

Conteúdo da folha
Armação - Vigas Baldrame e Blocos

Desenho
Alexandre
ART
Folha
04/05

Prefeitura Municipal
Bertolino Bachmann
Prefeito Municipal

Projeto
Alexandre Bueno de Lacerda
Engenheiro Civil - CREA/SC 181484-9