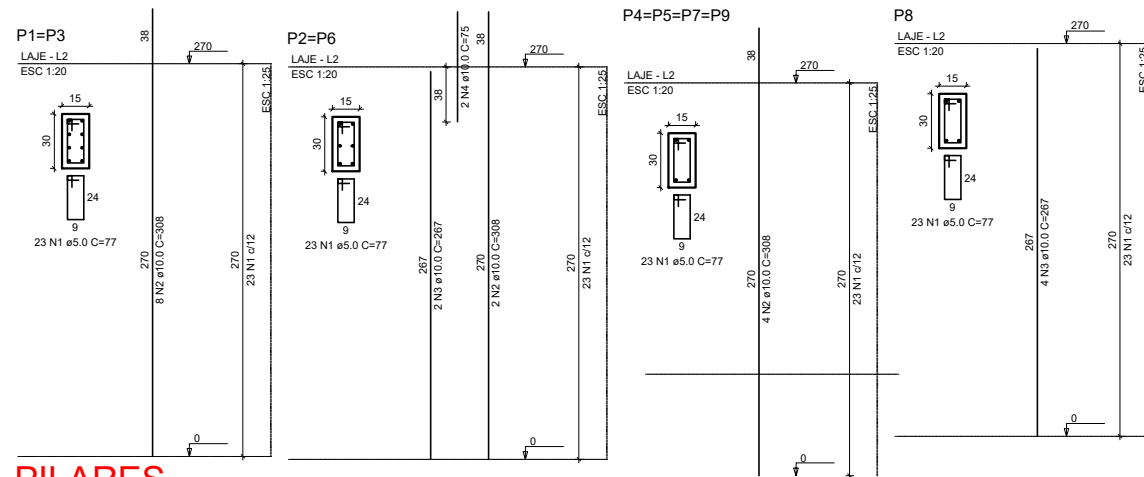
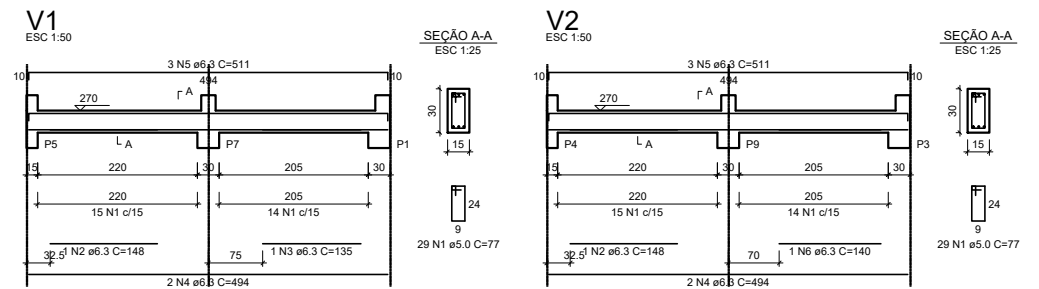




PILARES

VIGAS DA LAJE



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	207	77	15939
CA50	2	10.0	36	308	11088
	3	10.0	8	297	2136
	4	10.0	4	75	300

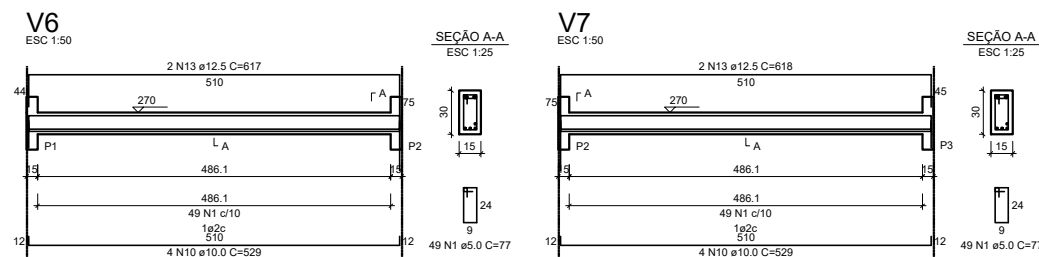
RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	135.2	91.7
CA60	5.0	159.4	27
PESO TOTAL (kg)			91.7
CA50			27
CA60			27

Volume de concreto (C-25) = 1.09 m³
Área de forma = 21.87 m²

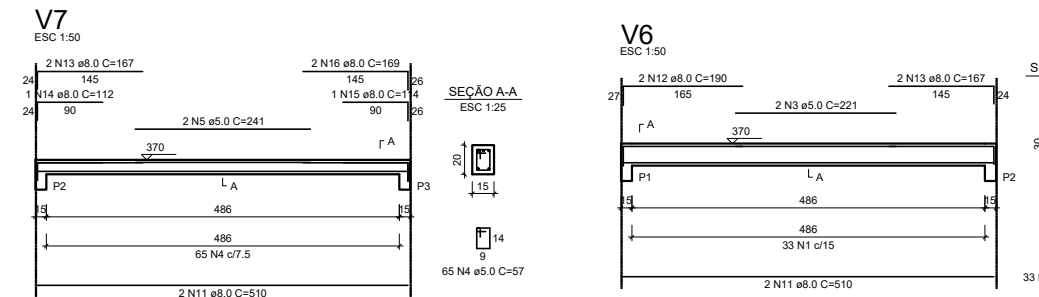
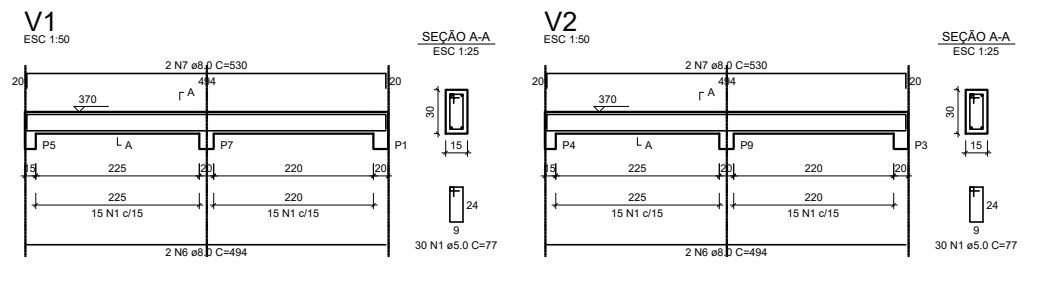
RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	280	77	21560
CA50	2	6.3	2	148	296
	3	6.3	2	135	270
	4	6.3	6	494	2964
	5	6.3	9	511	4599
	6	6.3	1	140	140
	7	6.3	1	130	130
	8	8.0	3	269	807
	9	8.0	3	508	1524
	10	10.0	8	529	4232
	11	12.5	2	511	1022
	12	20.0	2	1103	2206
	13	20.0	4	617	2468

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	84	22.6
	8.0	23.3	10.1
	10.0	42.3	28.7
	12.5	56.9	60.2
CA60	5.0	215.6	36.6
PESO TOTAL (kg)			
CA50		199.1	
CA60		36.6	

Volume de concreto (C-25) = 1.60 m³
Área de forma = 26.62 m²



VIGAS DAS CINTAS SUPERIORES



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	159	77	12243
	2	5.0	4	229	916
	3	5.0	2	221	442
	4	5.0	65	57	3705
	5	5.0	2	241	482
	6	8.0	4	494	1976
	7	8.0	4	530	2120
	8	8.0	2	1011	2022
	9	8.0	4	177	708
	10	8.0	2	290	580
	11	8.0	4	510	2040
	12	8.0	2	190	380
	13	8.0	4	167	668
	14	8.0	1	112	112
	15	8.0	1	114	114
	16	8.0	2	169	338

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	110.6	48
CA60	5.0	177.9	30.2
PESO TOTAL (kg)			
CA50		48	
CA60		30.2	

Volume de concreto (C-25) = 1.29 m³
Área de forma = 21.84 m²

PRANCHA: A02

DATA: 27/07/2020

ENDEREÇO: Rua Fionera, N.º 100 - Vila Maria-RS

Projeto: VIGAS E PILARES ESTRUTURA

Resp. Técnico: Luciano Dors

CREA RS 147.317

PREFEITURA MUNICIPAL VILA MARIA

1988

Luciano Dors