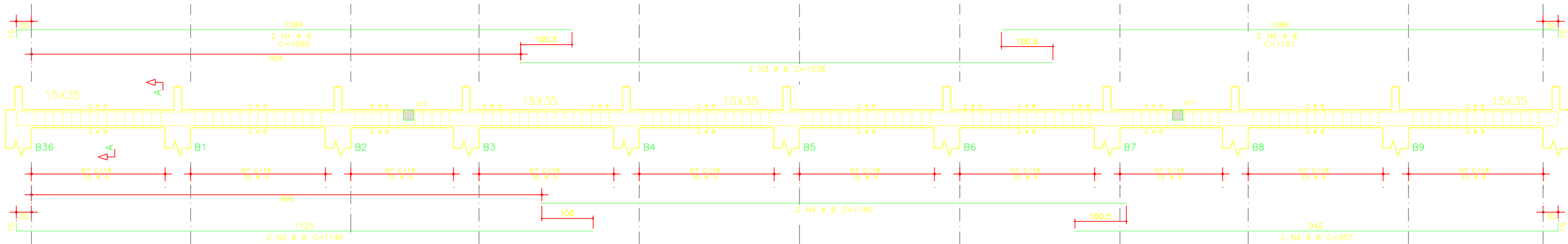
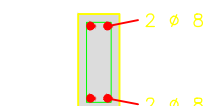


V1

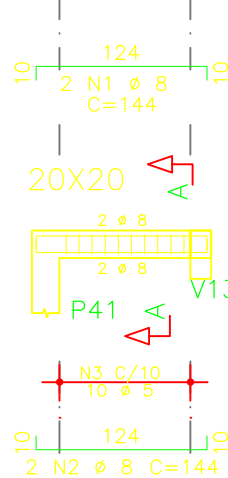


Corte A

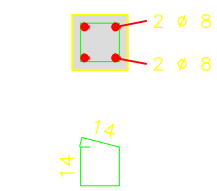


144 N7 ϕ 5 C=91

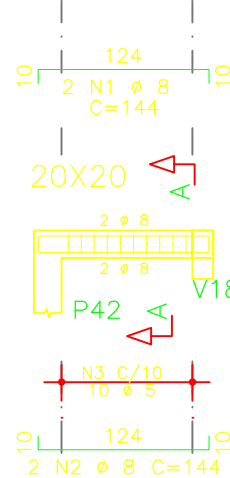
V2



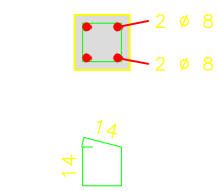
Corte A



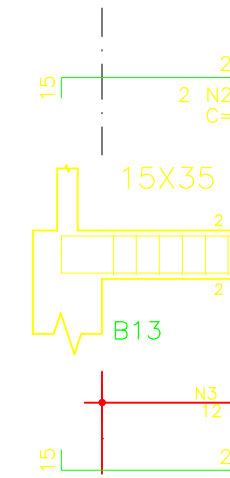
V3



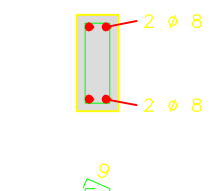
Corte A



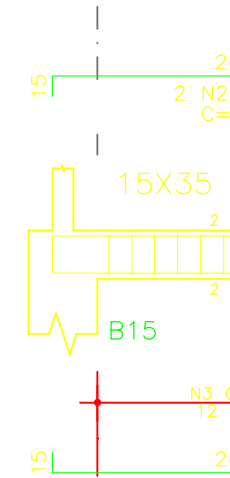
V4



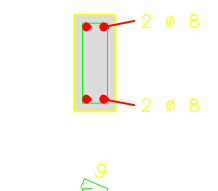
Corte A



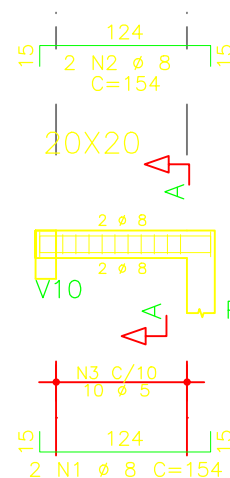
V5



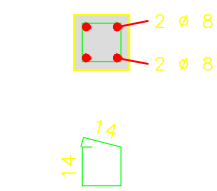
Corte A



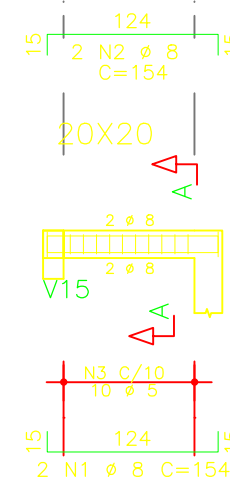
V6



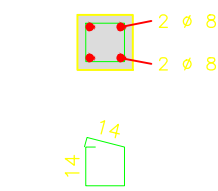
Corte A



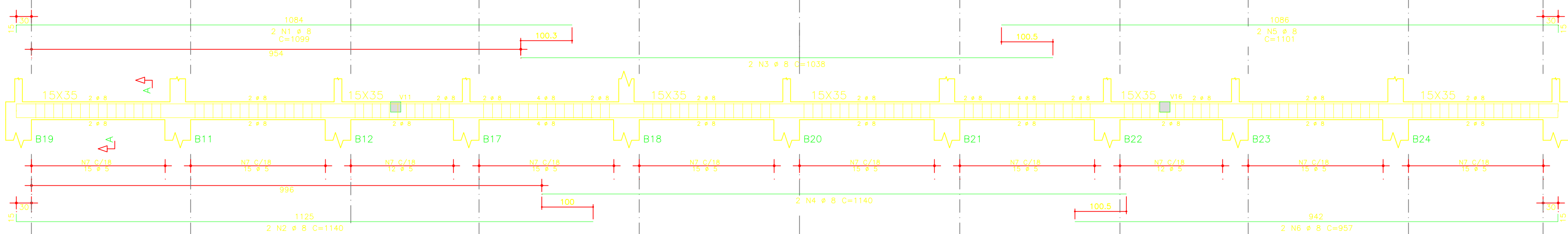
V7



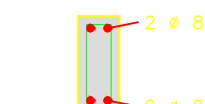
Corte A



V8

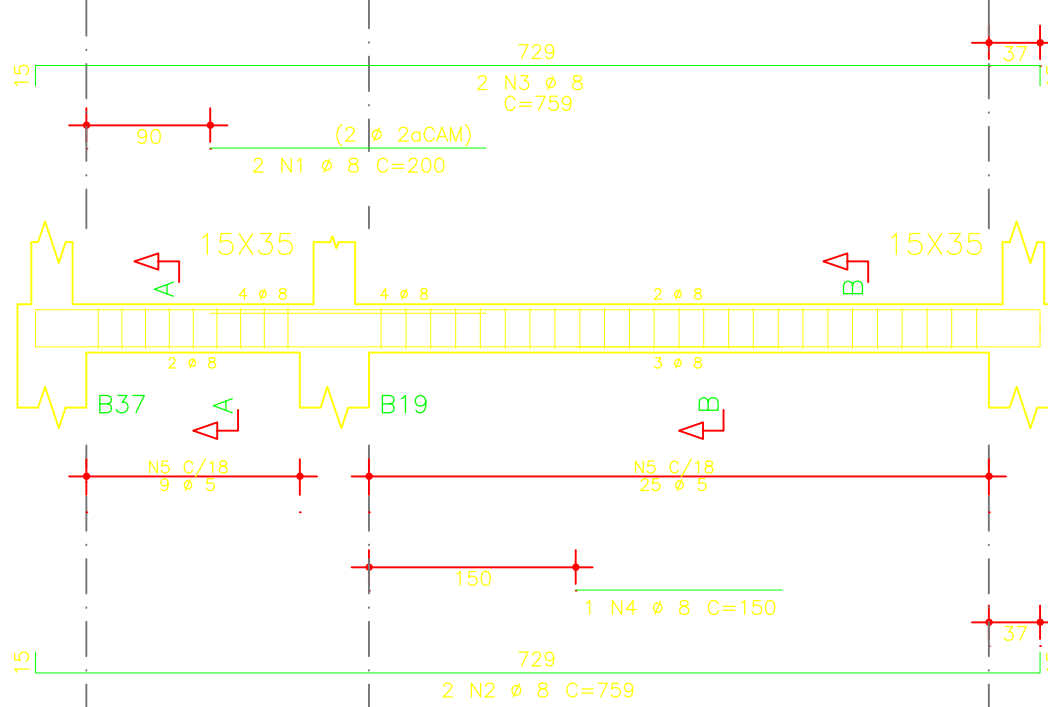


Corte A

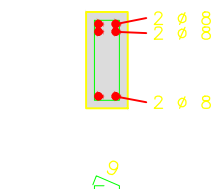


144 N7 ϕ 5 C=91

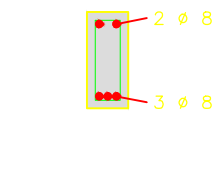
V9



Corte A

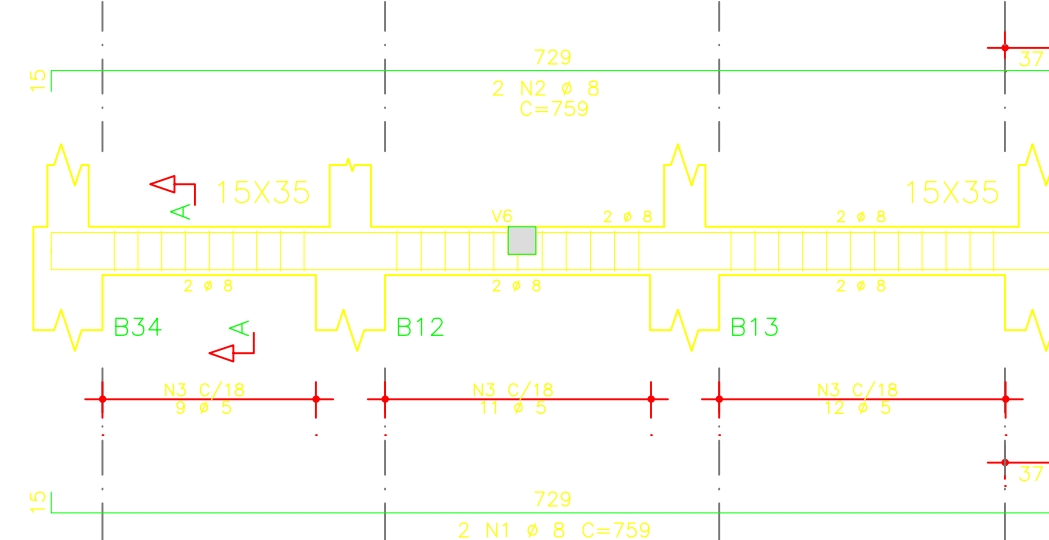


Corte B

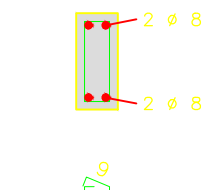


34 N5 ϕ 5 C=91

V10

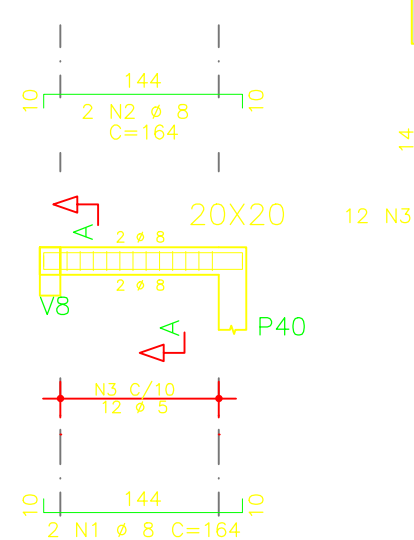


Corte A

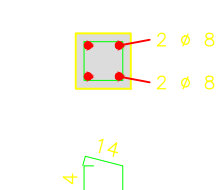


32 N3 ϕ 5 C=91

V11

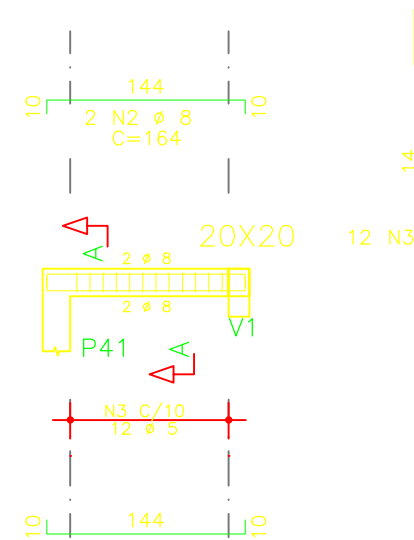


Corte A

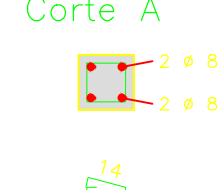


12 N3 ϕ 5 C=71

V12



Corte A



12 N3 ϕ 5 C=71

	AÇO	POS	BIT	QUANT	COMPRIMENTO	
					UNIT	TOTAL
			mm		cm	cm
V1	50A	1	8	2	1099	2198
	50A	2	8	2	1140	2280
	50A	3	8	2	1038	2076
	50A	4	8	2	1140	2280
	50A	5	8	2	1101	2202
	60A	7	5	144	91	13104
V2	50A	1	8	2	144	288
	50A	2	8	2	144	288
	60A	3	5	10	71	710
V3	50A	1	8	2	144	288
	50A	2	8	2	144	288
	60A	3	5	10	71	710
V4	50A	1	8	2	289	578
	50A	2	8	2	289	578
	60A	3	5	12	91	1092
V5	50A	1	8	2	295	590
	50A	2	8	2	295	590
	60A	3	5	10	71	710
V6	50A	1	8	2	154	308
	50A	2	8	2	154	308
	60A	3	5	10	71	710
V7	50A	1	8	2	154	308
	50A	2	8	2	154	308
	60A	3	5	10	71	710
V8	50A	1	8	2	1099	2198
	50A	2	8	2	1140	2280
	50A	3	8	2	1038	2076
	50A	4	8	2	1140	2280
	50A	5	8	2	1101	2202
	60A	7	5	144	91	13104
V9	50A	1	8	2	200	400
	50A	2	8	2	759	1518
	50A	3	8	2	759	1518
	50A	4	8	1	150	150
	60A	5	5	34	91	3094
V10	50A	1	8	2	759	1518
	50A	2	8	2	759	1518
	60A	3	5	32	91	2912
V11	50A	1	8	2	164	328
	50A	2	8	2	164	328
	60A	3	5	12	71	852
V12	50A	1	8	2	164	328
	50A	2	8	2	164	328
	60A	3	5	12	71	852

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	389	60
50A	8	386	152
Peso Total		60A =	60 kgf
Peso Total		50A =	152 kgf

NOTAS

- CONCRETO DE VIGAS E PILARES - C25 ($f_{ck}=25\text{MPa}$);
- CONCRETO DE ESTACAS - C20 ($f_{ck}=20\text{MPa}$);
- MEDIDAS EM CENTÍMETROS;
- AÇO CA-50 ($f_y=500\text{ MPa}$) E CA-60 ($f_y=600\text{MPa}$) CONFORME RESUMO;
- COBRIMENTO NOMINAL DE 3,0 cm;
- TRAÇO, EM VOLUME, PARA CONCRETO 25MPa RODADO NA BETONEIRA:
* 1 LATA CIMENTO: 3 LATAS DE AREIA: 2,8 LATAS DE BRITA 1.
- TRAÇO, EM VOLUME, PARA CONCRETO 20MPa RODADO NA BETONEIRA:
* 1 LATA CIMENTO: 3,3 LATAS DE AREIA: 3,3 LATAS DE BRITA 1.
- BRITA TIPO 1 (DIMENSÃO MÁXIMA DO AGREGADO 19mm);
- REALIZAR CURA ÚMIDA DE 7 DIAS;
- NAS VALAS DE VIGA BALDRAME, EXECUTAR LASTRO DE BRITA 1 COM ESPESURA DE 5 cm;
- CONFERIR AS MEDIDAS NA OBRA.
- A RESPONSABILIDADE TÉCNICA DO PROFISSIONAL SE RESTRINGE AO FIEL CUMPRIMENTO DO QUE ESTÁ EXPLICITO NOS DESENHOS. HAVENDO ALTERAÇÕES SEM A PRÉVIA AUTORIZAÇÃO FORMAL DO ENGENHEIRO RESPONSÁVEL, A RESPONSABILIDADE ESTARÁ AUTOMATICAMENTE TERMINADA.

SED GOVERNO DO ESTADO DE MATO GROSSO DO SUL Secretaria de Estado de Educação SUPERINTENDÊNCIA DE APOIO OPERACIONAL / COORDENADORIA DE INFRAESTRUTURA		
CENTRO DE EDUCAÇÃO INFANTIL CRIANCEIRAS		ESTRUTURAL
LOCAL: RUA RIO VERDE, 2581 - PARQUE ESTORIL 4 RIBAS DO RIO PARDO -- MS		QUADRO DE ÁREAS: ÁREA DO TERRENO: ÁREA CONSTRUÍDA:
AUTOR DO PROJETO: ENG. CIVIL IGOR CARLOS SOUZA DE LIMA CREA 86099/MS		PROPRIETÁRIO: GOVERNO DO ESTADO DE MATO GROSSO DO SUL 18.412.257/0001-28
TÍTULO: ARMADURA DE VIGAS BALDRAME 01-02		FOLHA: 03/08
ESCALA: 1/50	DATA: AGOSTO/2021	REVISÃO: 1
DESENHO: GOR		