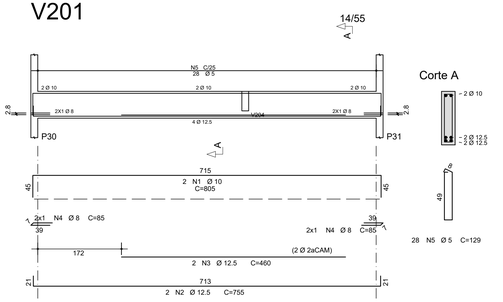
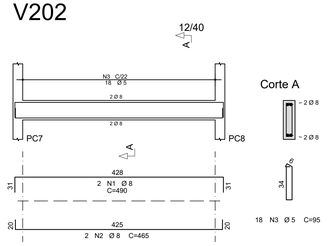
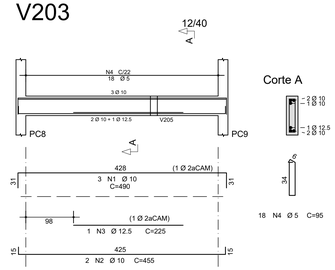
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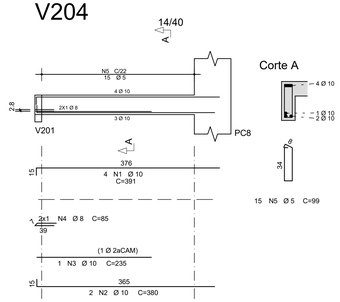
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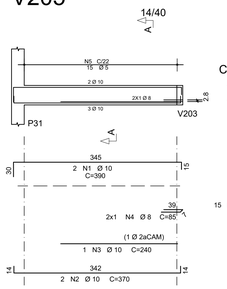
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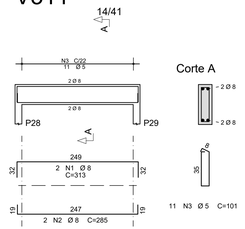
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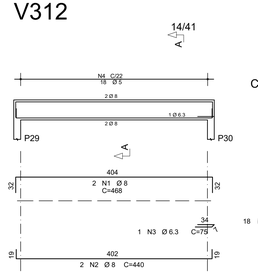
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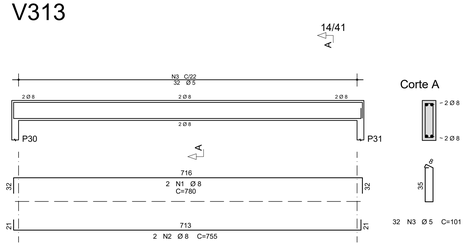
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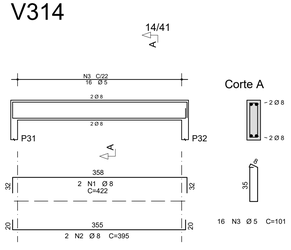
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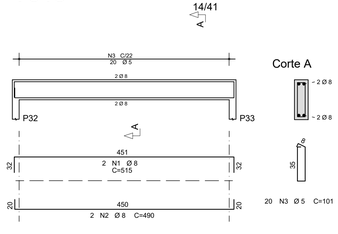
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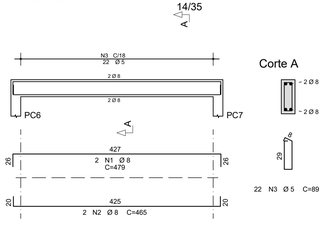
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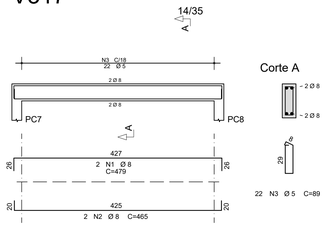
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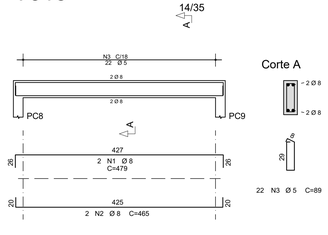
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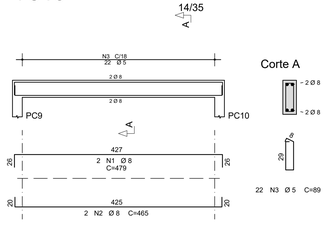
V317



V318



V319



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V201					
50A	1	10	2	805	1610
50A	2	12.5	2	755	1510
50A	3	12.5	2	460	920
50A	4	8	4	85	340
60A	5	5	28	129	3612
V202					
50A	1	8	2	490	980
50A	2	8	2	465	930
60A	3	5	18	95	1710
V203					
50A	1	10	3	490	1470
50A	2	10	2	455	910
50A	3	12.5	1	225	225
60A	4	5	18	95	1710
V204					
50A	1	10	4	391	1564
50A	2	10	2	380	760
50A	3	10	1	235	235
50A	4	8	2	85	170
60A	5	5	15	99	1485
V205					
50A	1	10	2	390	780
50A	2	10	2	370	740
50A	3	10	1	240	240
50A	4	8	2	85	170
60A	5	5	15	99	1485
V311					
50A	1	8	2	313	626
50A	2	8	2	285	570
60A	3	5	11	101	1111
V312					
50A	1	8	2	468	936
50A	2	8	2	440	880
50A	3	6.3	1	75	75
60A	4	5	18	101	1818
V313					
50A	1	8	2	780	1560
50A	2	8	2	755	1510
60A	3	5	32	101	3232
V314					
50A	1	8	2	422	844
50A	2	8	2	395	790
60A	3	5	16	101	1616
V315					
50A	1	8	2	515	1030
50A	2	8	2	490	980
60A	3	5	20	101	2020
V316					
50A	1	8	2	479	958
50A	2	8	2	465	930
60A	3	5	22	89	1958
V317					
50A	1	8	2	479	958
50A	2	8	2	465	930
60A	3	5	22	89	1958
V318					
50A	1	8	2	479	958
50A	2	8	2	465	930
60A	3	5	22	89	1958
V319					
50A	1	8	2	479	958
50A	2	8	2	465	930
60A	3	5	22	89	1958

RESUMO AÇO CA 50-60

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60A	5	276	43
50A	6.3	1	0
50A	8	199	78
50A	10	83	51
50A	12.5	27	26
Peso Total	60A =		43 kg
Peso Total	50A =		155 kg

PROJETO ESTRUTURAL

MUNICÍPIO DE CAMPO MOURÃO
SECRETARIA MUNICIPAL DE INFRAESTRUTURA E MOBILIDADE URBANA
IPPLAN-CM - Rua das Andorinhas, 287 - Fone (44) 3815-8850 - Fax (44) 3815-8850 - CEP 87300-280 - Campo Mourão.

PROPRIETÁRIO: MUNICÍPIO DE CAMPO MOURÃO - PR

OBRA: Construção Quadra de Esportes padrão FNDE - com área de 918,22m²

LOCAL: Lote nº 1/2 B - Quadra nº05 - Conj. Moradias Avelino Piacentini

PROPRIETÁRIO: MUNICÍPIO DE CAMPO MOURÃO CNPJ Nº 75.904.524/0001-06

PROJETO: Documento assinado digitalmente gov.br JULIANA COLLE Data: 16/10/2026 11:30:12-0300 Verifique em https://validar.iti.gov.br
JULIANA COLLE ENGENHEIRA CIVIL CREA PR - 241901/D

EXECUÇÃO: ASS.

REFERÊNCIA: Armação das vigas do nível +5,88m e +7,276m

DATA: OUTUBRO/2026
ESCALA: INDICADA
DESENHO:
PROJETO:

PRANCHA 11/16

PREFEITO: JOÃO DOUGLAS FABRÍCIO

SECRETÁRIO: JÚLIO CESAR RENISZ