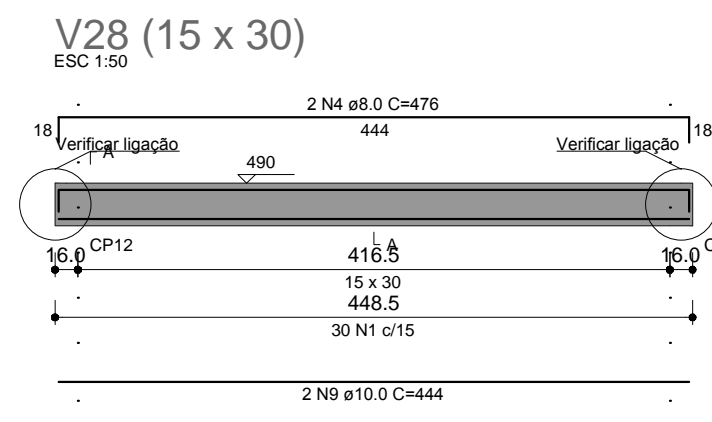
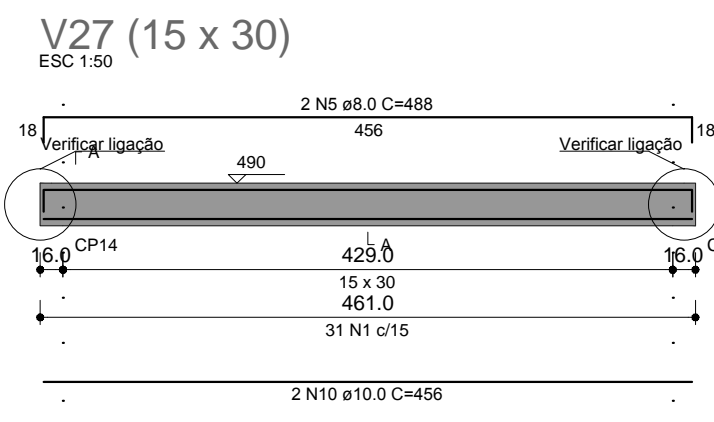
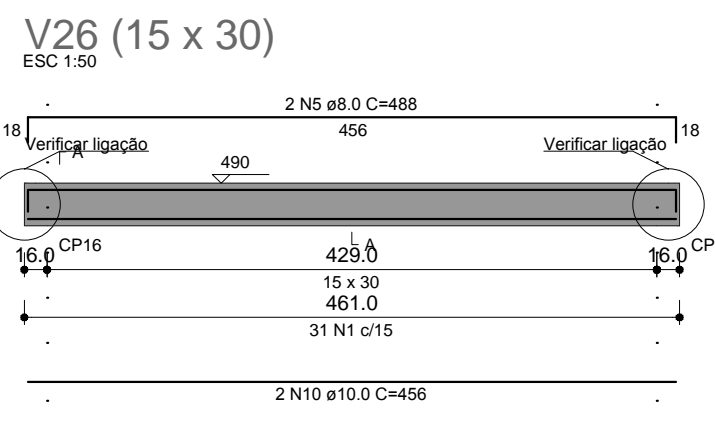
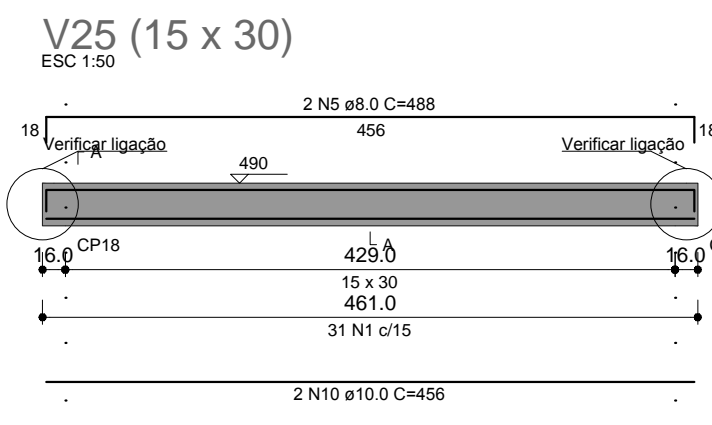
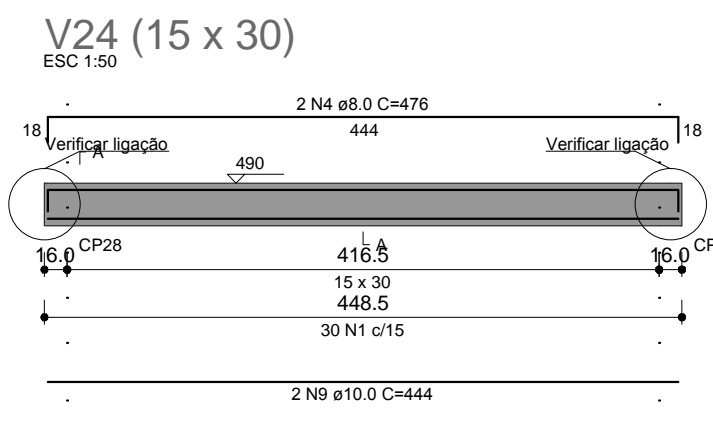
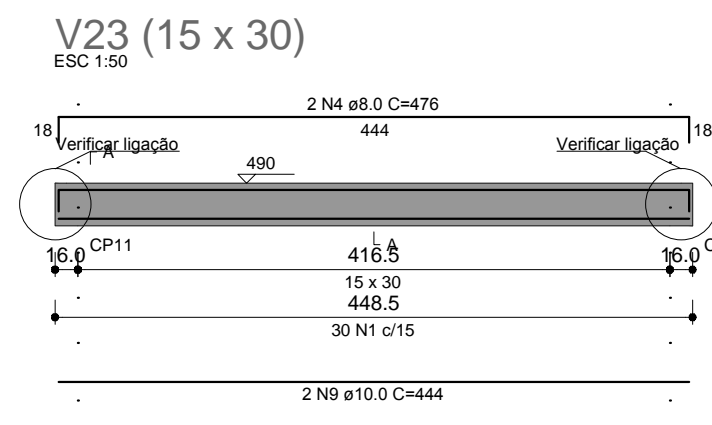
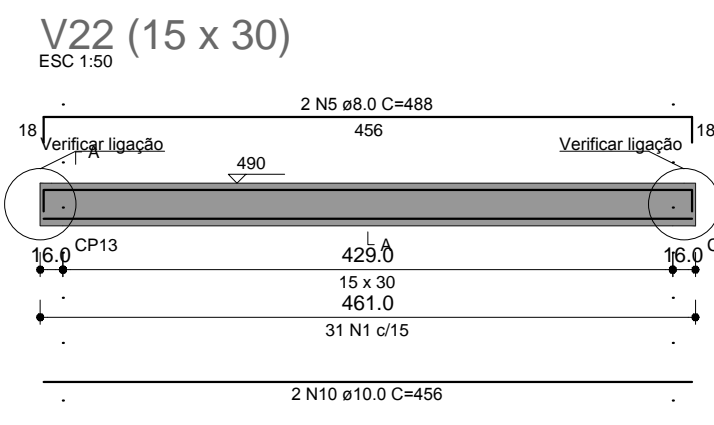
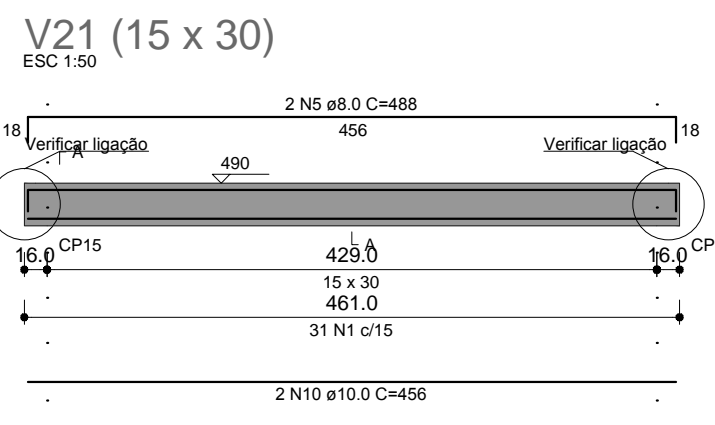
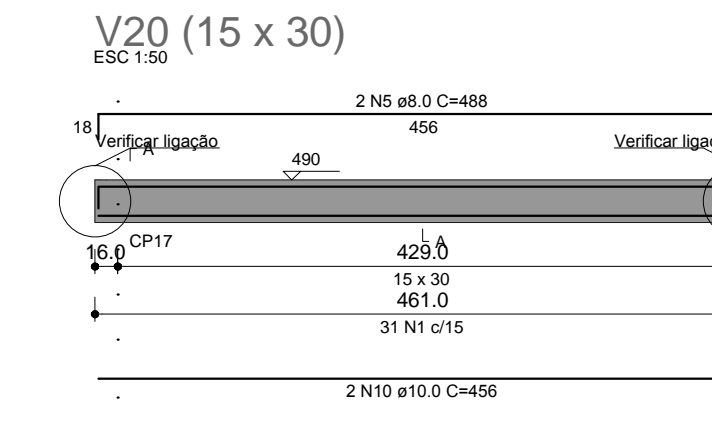
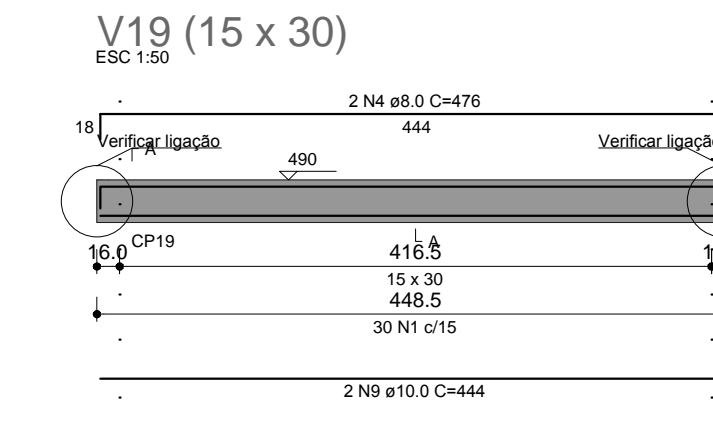
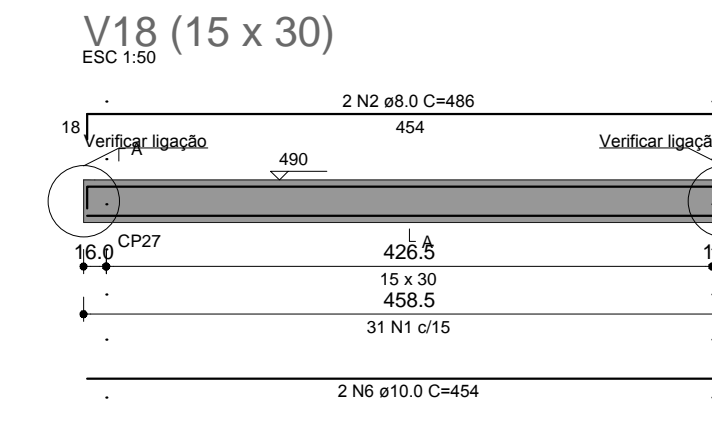
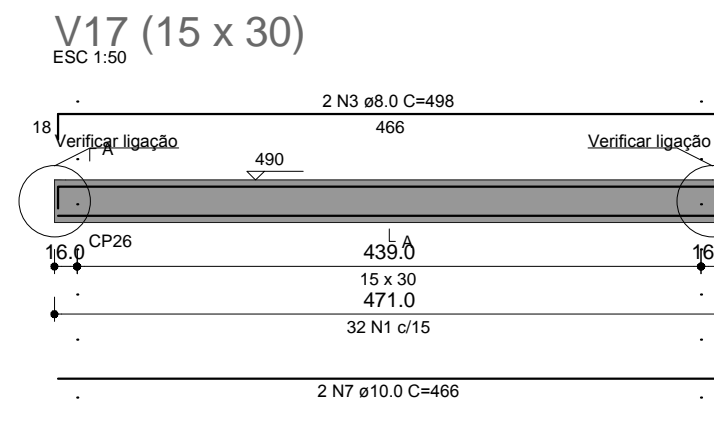
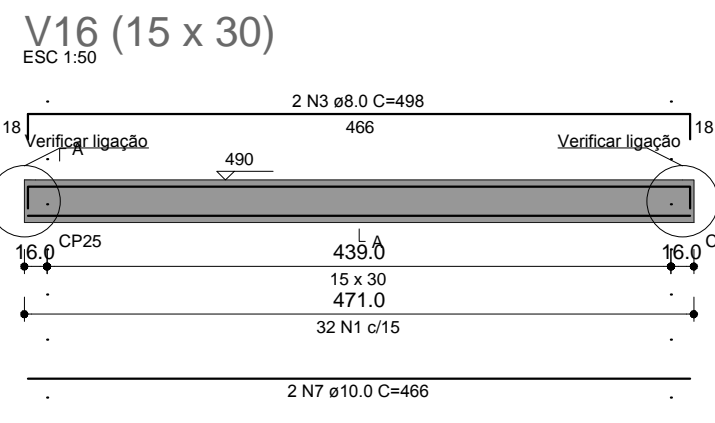
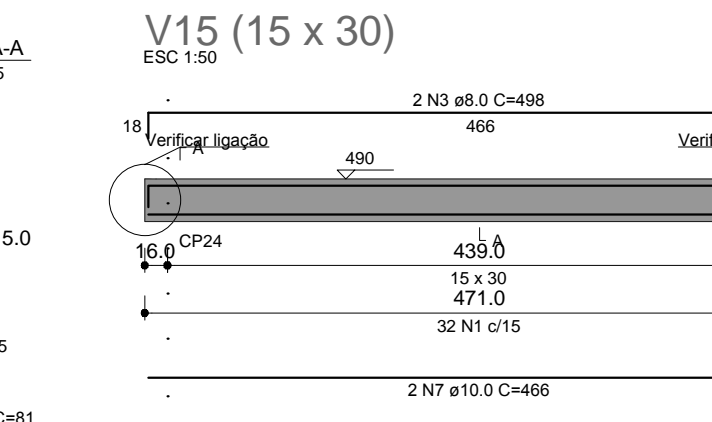
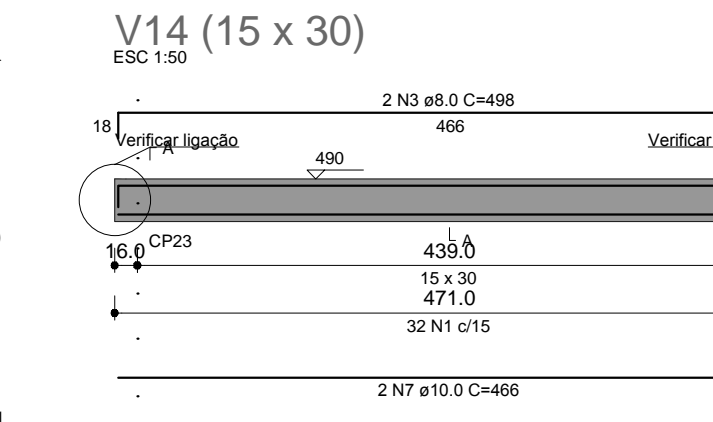
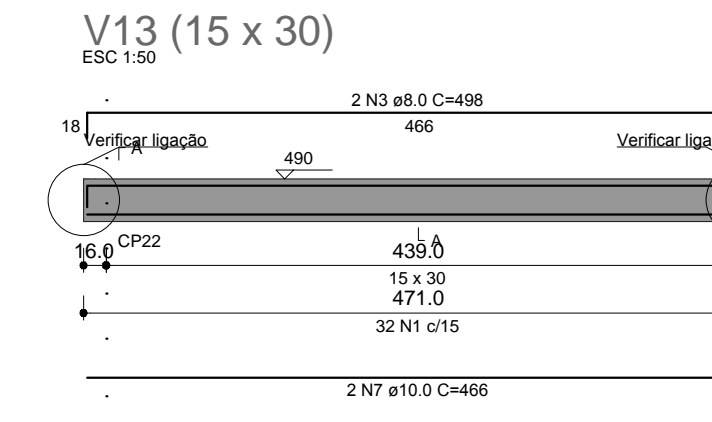
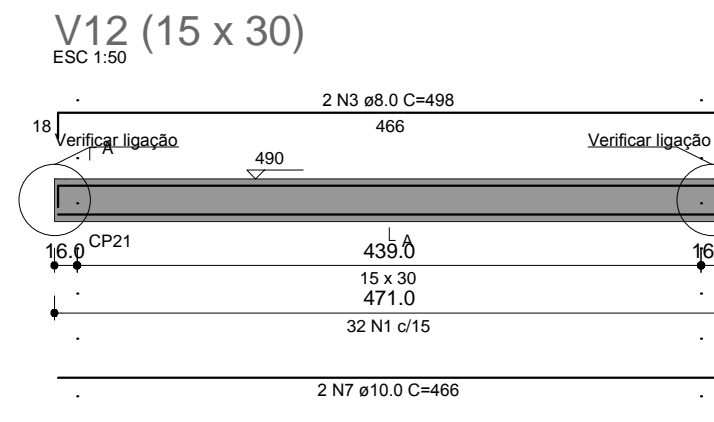
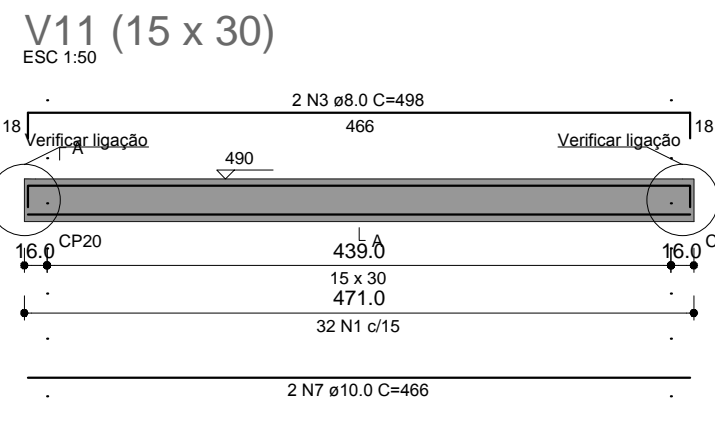
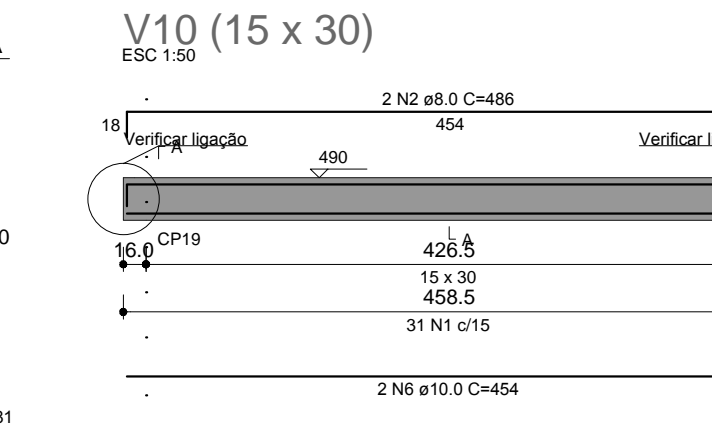
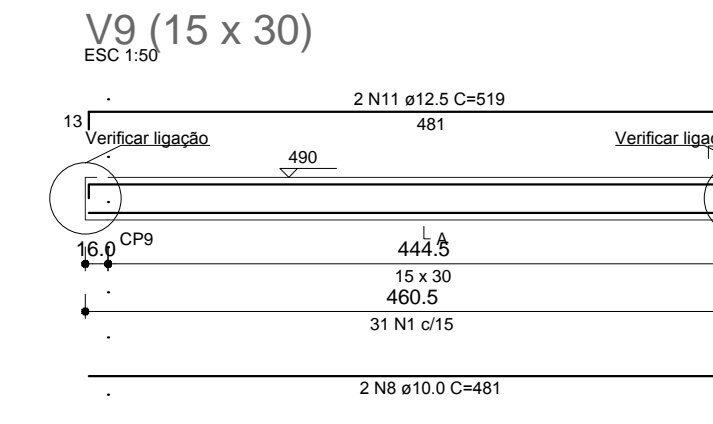
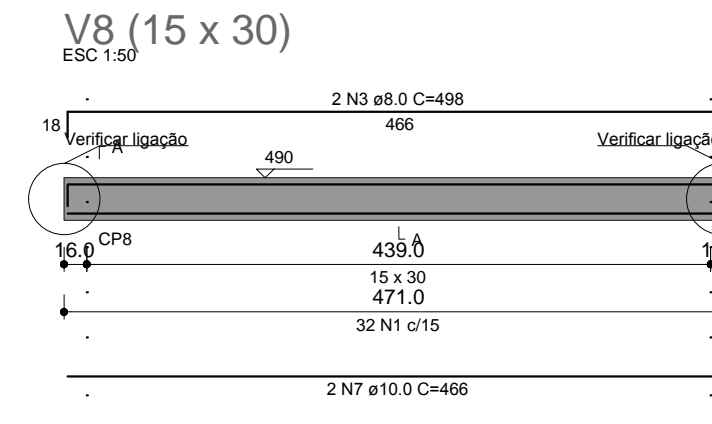
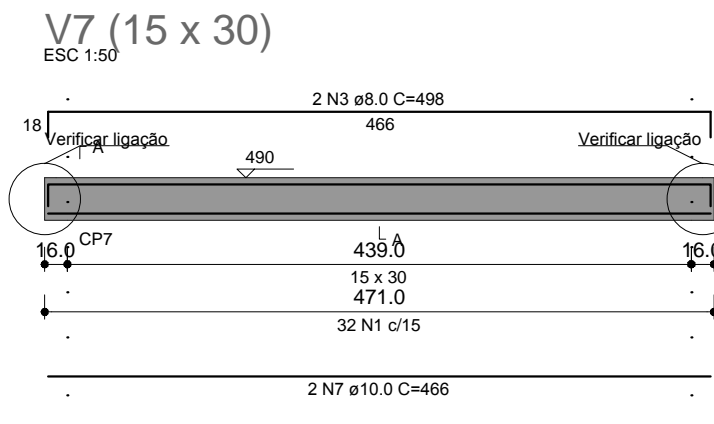
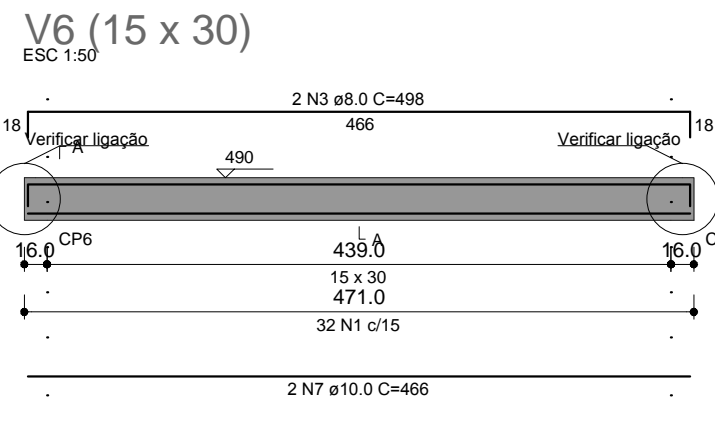
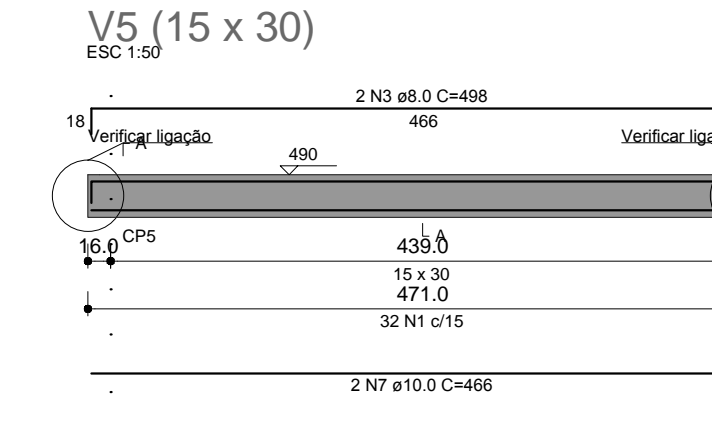
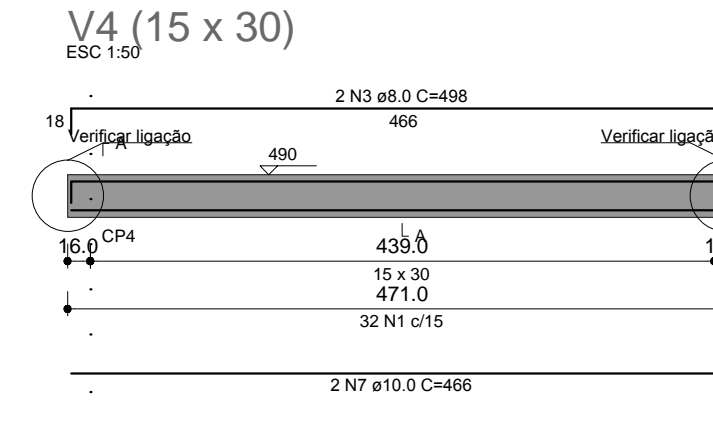
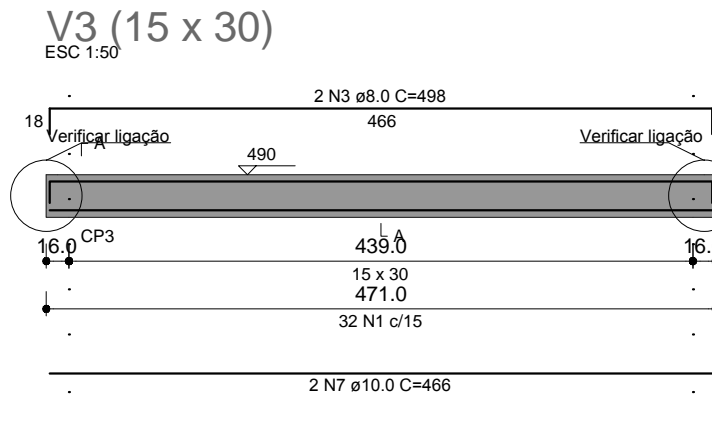
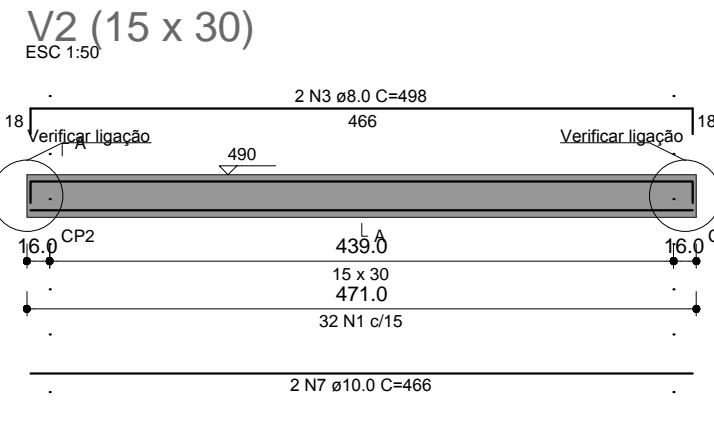
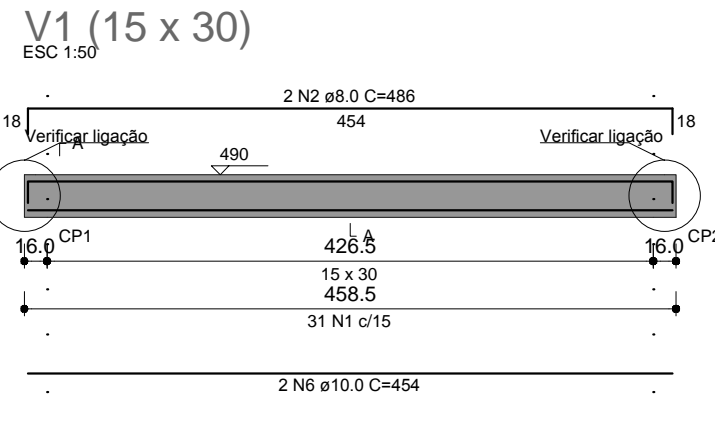


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04	PROJ	1.00	1.00
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98	PROJ	1.00	1.00
99	PROJ	1.00	1.00
100	PROJ	1.00	1.00

Desenhos



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C. TOTAL (cm)
CA50	1	5.0	878	81	71118
CA50	2	8.0	8	486	2916
CA50	3	8.0	28	486	13644
CA50	4	8.0	8	475	3800
CA50	5	8.0	12	488	5856
CA50	6	10.0	8	454	3632
CA50	7	10.0	28	466	13048
CA50	8	10.0	2	481	962
CA50	9	10.0	8	444	3552
CA50	10	10.0	12	456	5472
CA50	11	12.5	2	519	1038

RESUMO DO AÇO

ACO	DIAM (mm)	C. TOTAL (m)	QUANT (Barras)	UNIT	PESO (kg)
CA50	8.0	265.2	23	12 m	194.8
CA50	10.0	257.8	22	12 m	158.9
CA50	12.5	711.2	1	10.2 m	109.5
PESO TOTAL (kg)					
CA50	273.8				
CA60	109.5				

Volume de concreto (C-30) = 5.9 m³  
Área de forma = 98.22m²

REVISÕES			
NÚMERO	COMENTÁRIOS	DATA	AUTOR
01			

PROJETARE engenharia

Marca Registrada - Todos os direitos reservados (NP1 nº 907067811)

CLIENTE/CONTRATANTE:

MUNICÍPIO DE FRANCISCO BELTRÃO

TÍTULO/EMPREENHAMENTO:

QUADRA COBERTA NOVO MUNDO

TIPO DE OBRA/SERVIÇO:

EDIFICAÇÃO PARA FINS ESPORTIVOS

ENDEREÇO:

ESTRADA - BAIRRO NOVO MUNDO - L 84F1 - QL 57-FB - FRANCISCO BELTRÃO - PARANA

DESCRIÇÃO DA OBRA:

841x594mm

CONTRATO:

727/2018

CÓDIGO:

41118

ÁREA DO PROJETO:

1.125,00 m²

ESCALA DE PLOTAGEM:

INDICADA

DATA:

19/10/2018

DESENHO:

SERGIO

ART:

20184275109

PAVIMENTO:

CONJUNTO:

ESTRUTURAL

CONTEÚDO DA FRANCHA:

DETALHAMENTO DE VIGAS - CONTRA-VERGAS DE JANELAS

PROJETARE ENGENHARIA LTDA

SERGIO V. GALVÃO JUNIOR

ENG. CIVIL - CREA PR-7420/D

RESP. TÉCNICO COORDENAÇÃO

SERGIO V. GALVÃO JUNIOR

ENG. CIVIL - CREA PR-7420/D

RESP. TÉCNICO PROJETO

1/3

8/10

1. O contrato para elaboração de um projeto não implica a obrigação de executá-lo, ou de fiscalizá-lo a execução. [Lei 10.406/02 Cap. VIII Art. 610 §2º]  
2. Os direitos de autoria de um projeto, respeitadas as relações contratuais, são do profissional que os elabora. [Lei 5.194/66 Cap. II Art. 17]