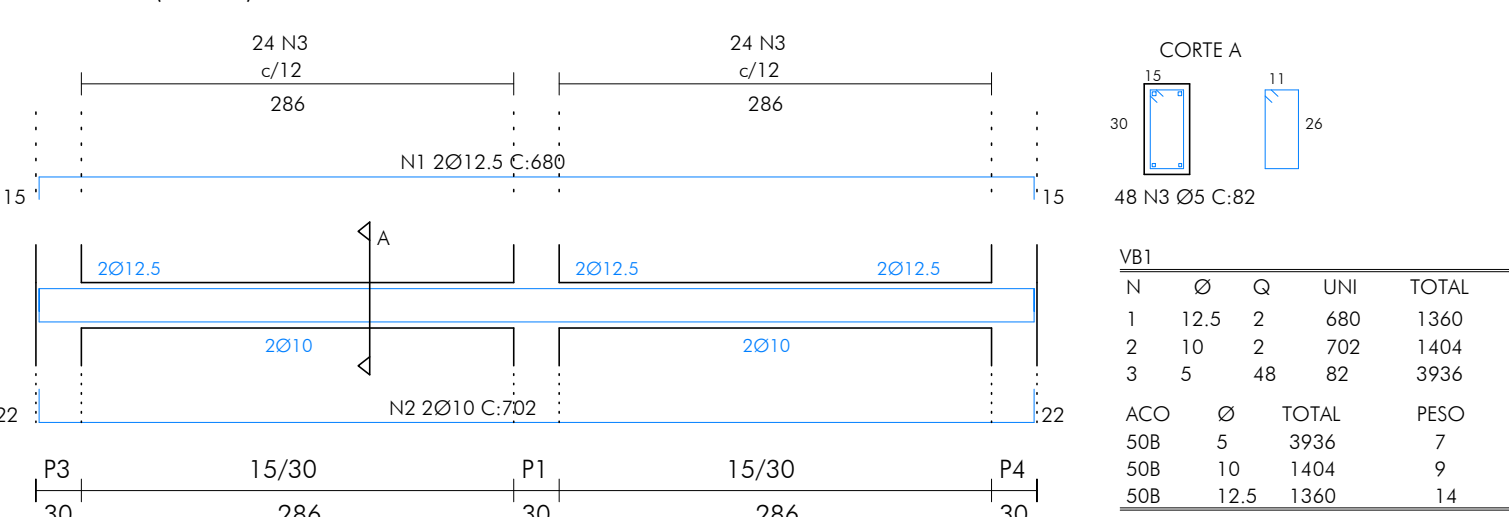
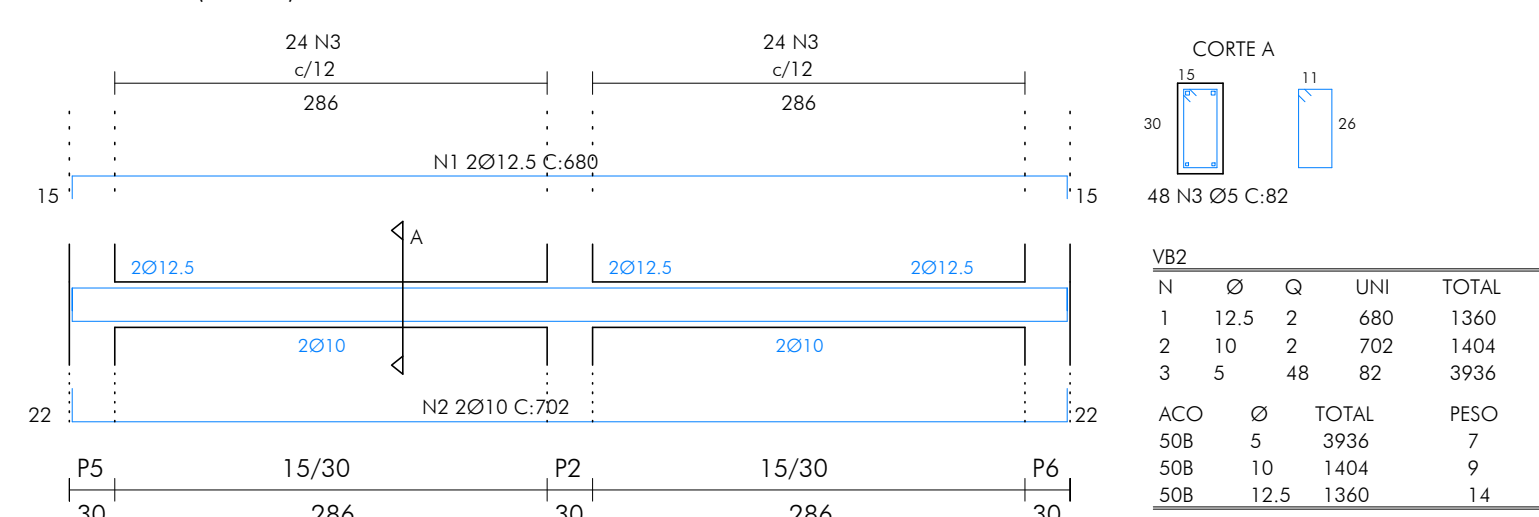


VIGAS BALDRAME
VB1 A VB8 E VB10
ESCALA 1:50

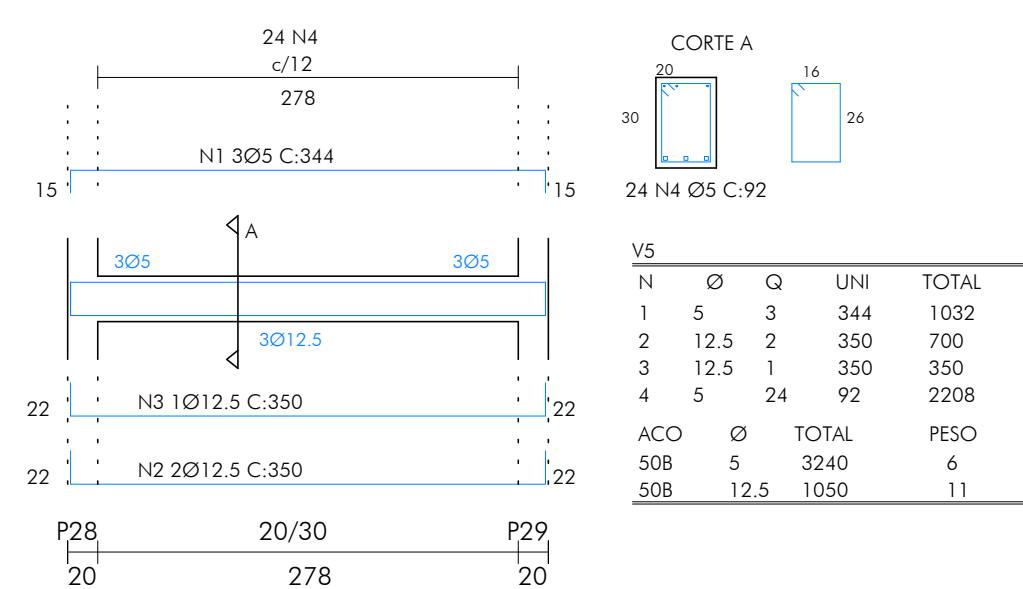
VB1 (15X30)



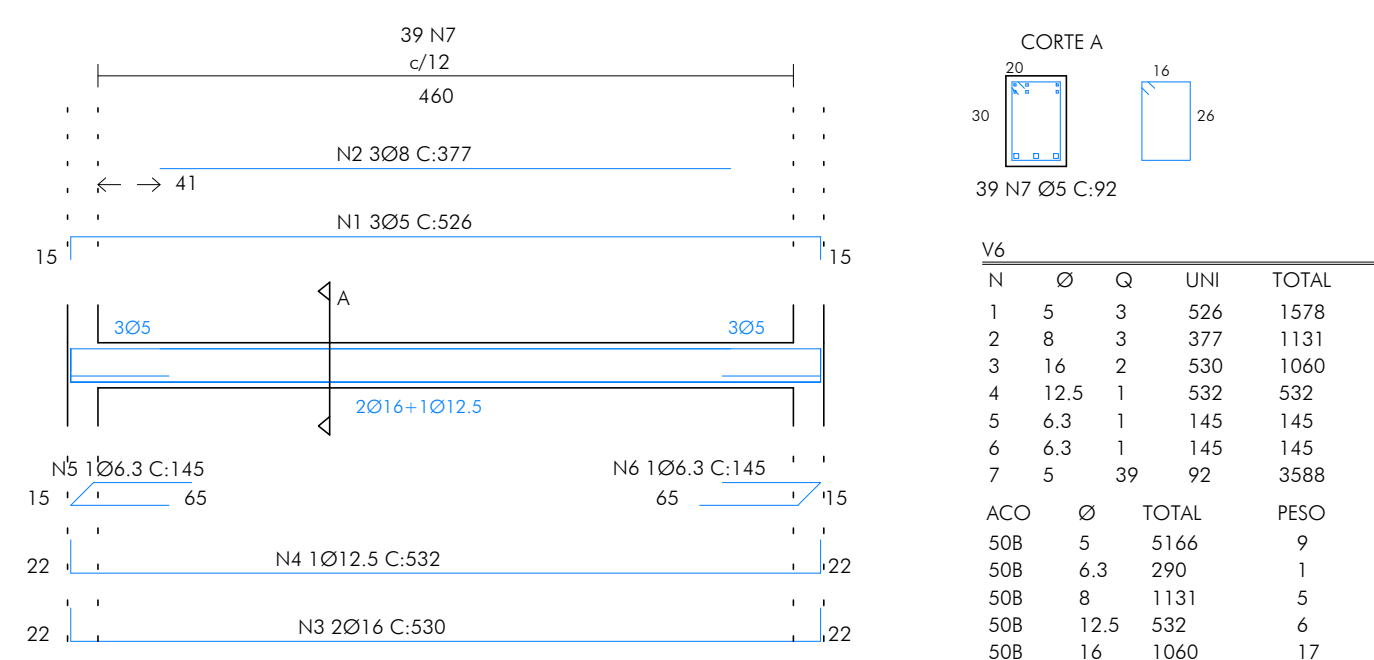
VB2 (15X30)



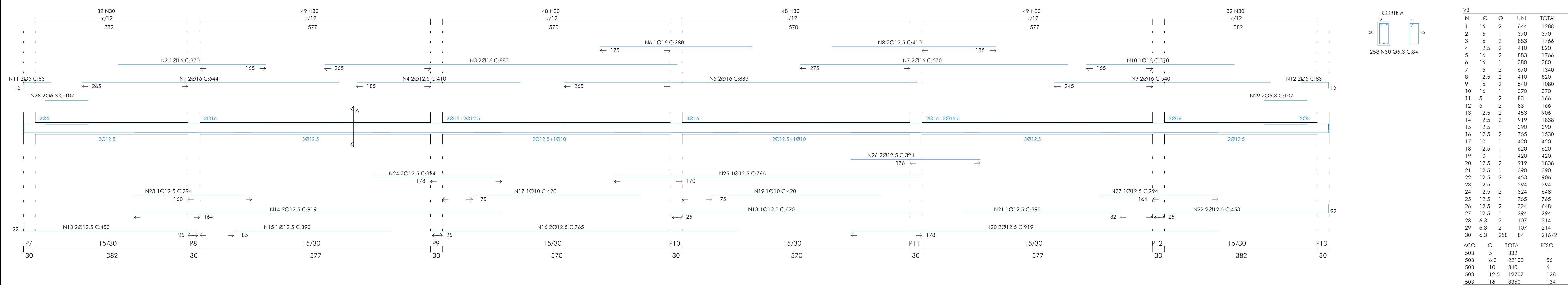
VB5 (20X30)



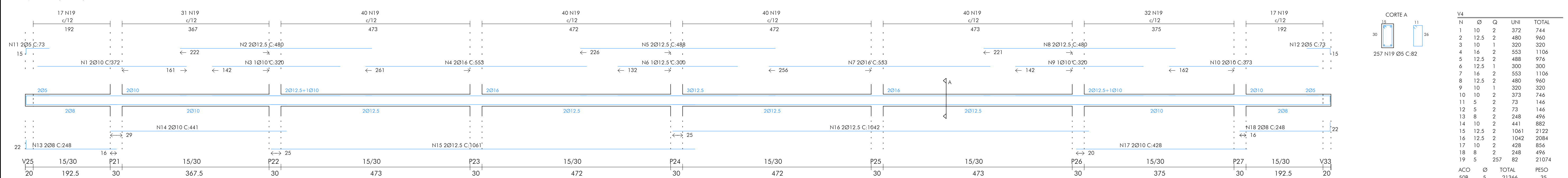
VB6 (20X30)



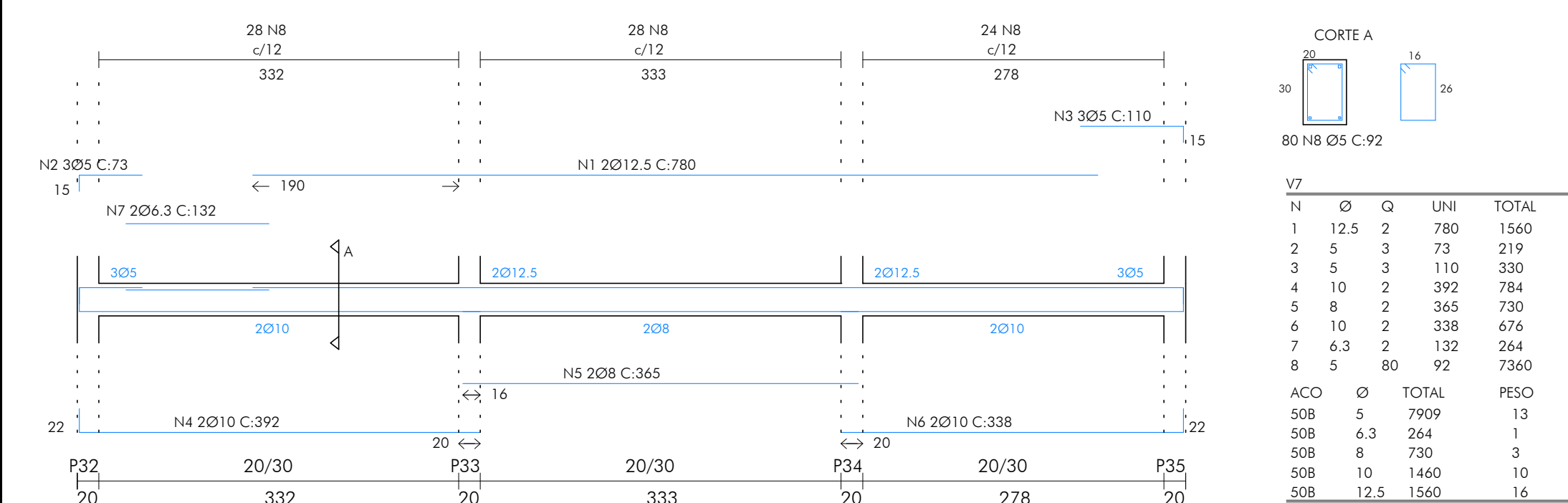
VB3 (15X30)



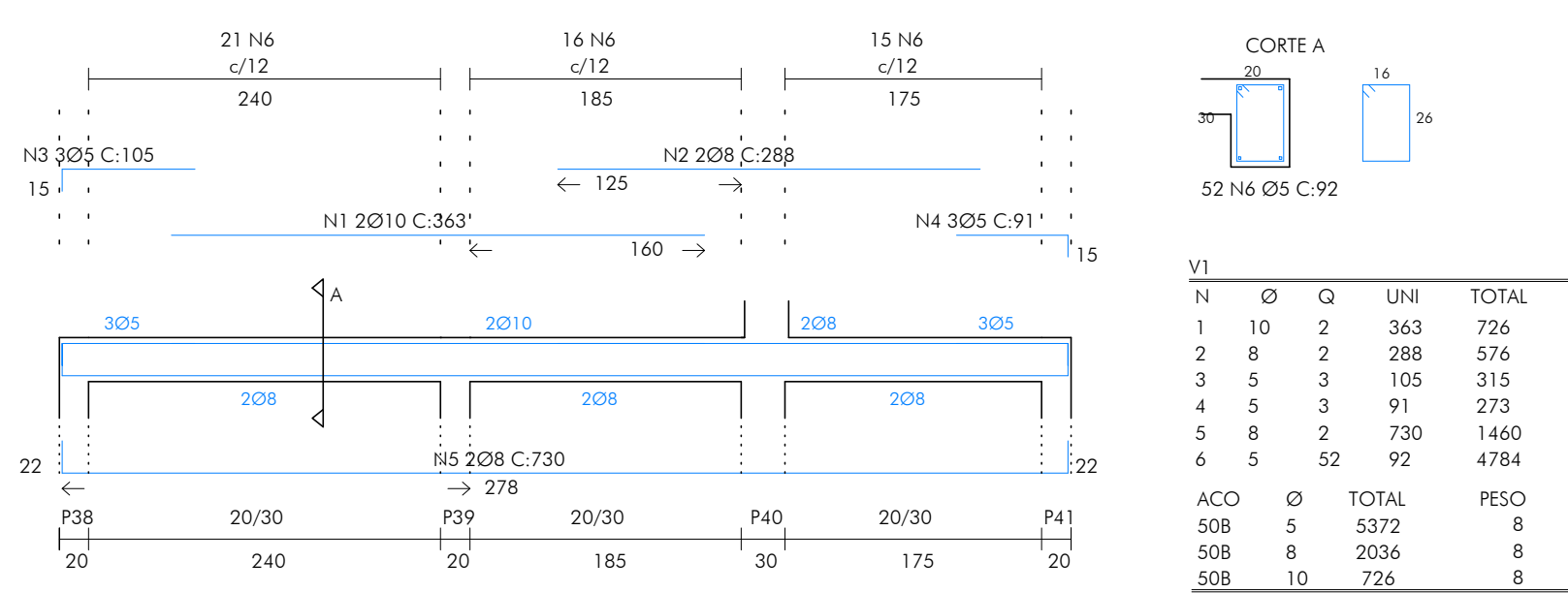
VB4 (15X30)



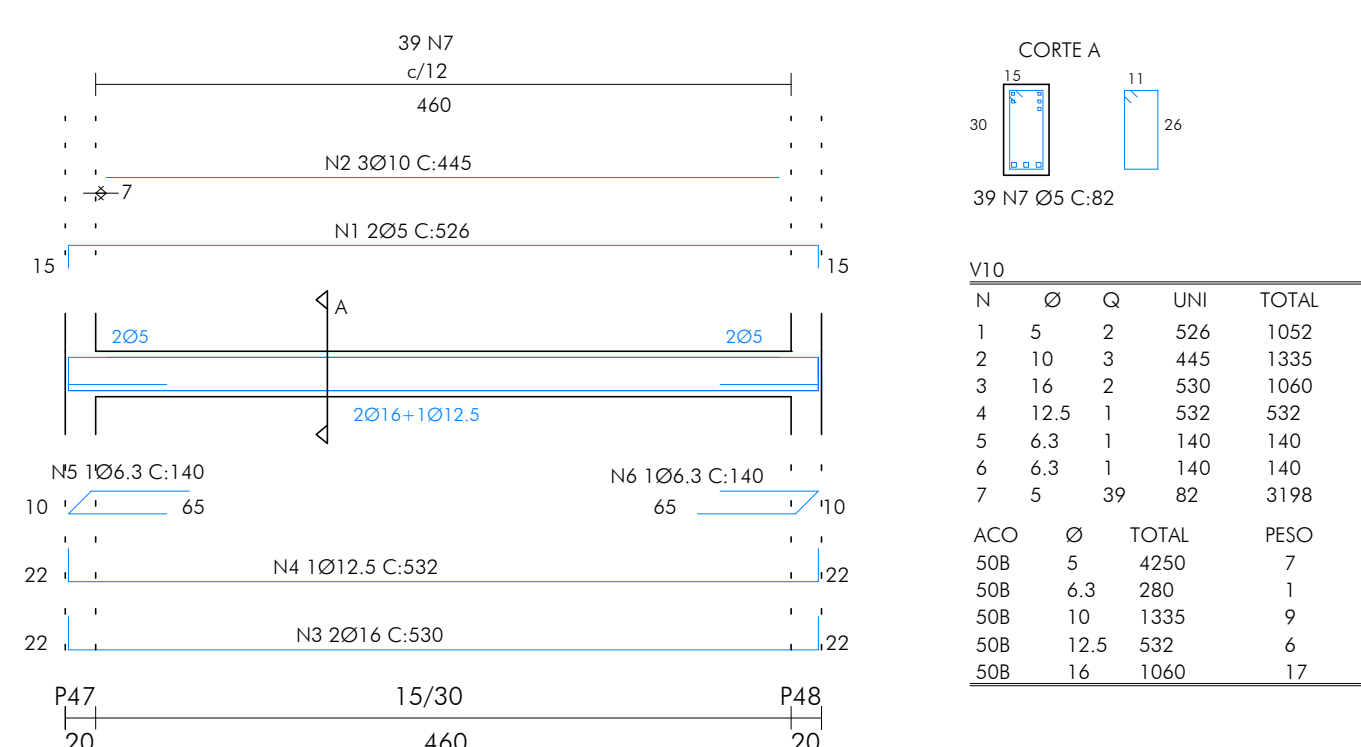
VB7 (20X30)



VB8 (20X30)



V10 (15X30)



QUADRO REVISÕES:

REVISÃO	REFERÊNCIA	DESCRIÇÃO	DATA	APROVAÇÃO
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

FERRAGENS:

ACO	Ø	L (mm)	PESO (kg)	F=10%
508	5.0	555.1	79	86
508	6.3	229.4	58	63
508	8.0	18.9	19	21
508	10.0	110.4	63	69
508	12.5	265.1	261	287
508	16.0	126.9	196	216

ANCORAGEM:

RETA E COM GANCHO	ACO CASO B
Fck=20,0MPa	Fyk=20,0MPa
Ø(mm)	Lib(cm)
5.0	21.0
6.3	28.1
8.0	35.1
10.0	42.1
12.5	56.1
16.0	70.1
20.0	84.2

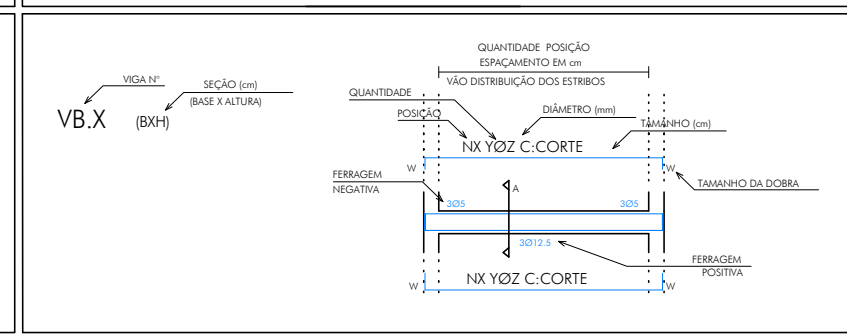
CONCRETO:

Fck (MPa)	fcd (MPa)	fctd (MPa)
20.0	13.3	2.0
20.0	13.3	2.0
20.0	13.3	2.0
20.0	13.3	2.0
20.0	13.3	2.0
20.0	13.3	2.0
20.0	13.3	2.0
20.0	13.3	2.0
20.0	13.3	2.0
20.0	13.3	2.0

OBSERVAÇÕES:

NOTAS:
1-VIDE DETALHAMENTO DAS ARMADURAS DAS VIGAS BALDRAME NAS FRANCHISAS DE NÚMERO: 01, 08, 09, 10, 11 e 12/20.
2-VIDE DETALHAMENTO DAS ARMADURAS DOS PLACAS NAS FRANCHISAS DE NÚMERO: 02 E 03/20.

LEGENDA:



FORÇA: GINÁSIO POLIESPORTIVO - CENTRO DE EVENTOS
CLIENTE: Prefeitura Municipal Santa Rita do Sapucaí
TÍTULO: PROJETO E CÁLCULO ESTRUTURAL
ESTRUTURA DE CONCRETO ARMADO - INFRAESTRUTURA
VIGA BALDRAME - DETALHAMENTO E ARMAÇÃO
VB1 A VB8 E VB10

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DESENHADO POR: CARLOS H. A. ROSSI
DESENHADO POR: CARLOS H. A. ROSSI
DESENHADO POR: CARLOS H. A. ROSSI

ESCALA: 07/20
INDICADA: centímetro
REVISÃO Nº: emissão
DATA: Jul.2020
REVISOR: C.Rossi

PROJETO: SRS-G/PRJ/PCE-001.dwg