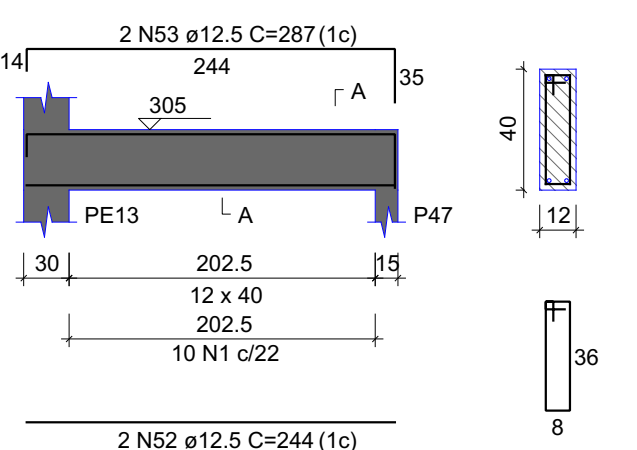
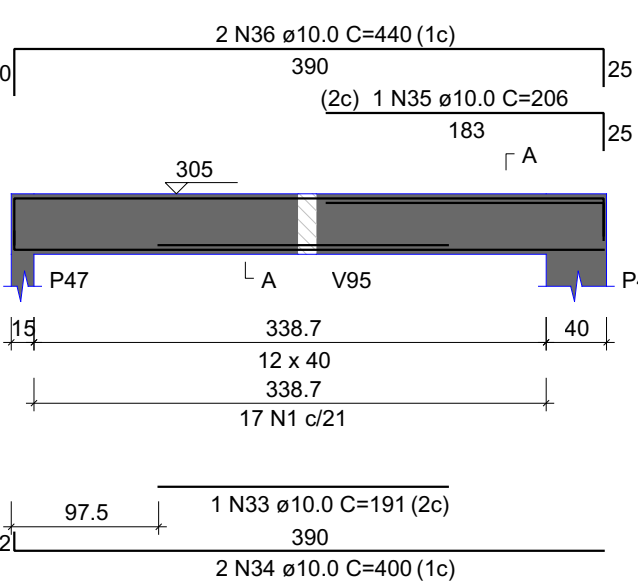




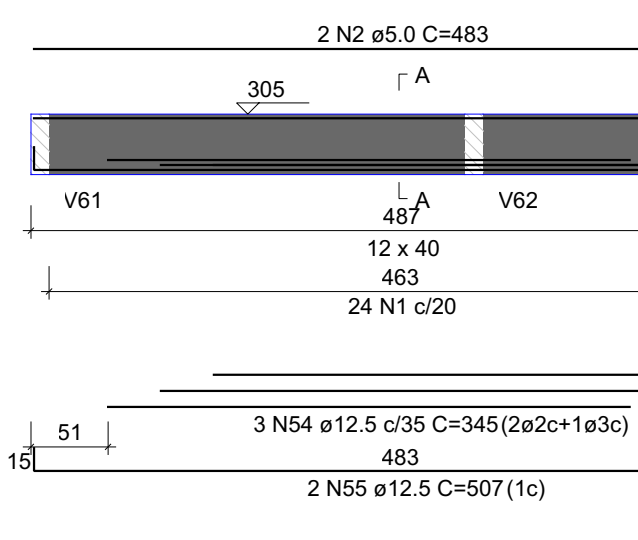
V27
escala: 1:50



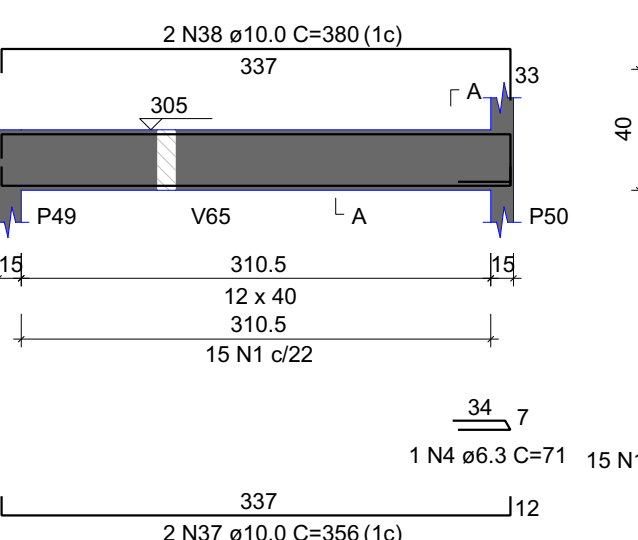
V28
escala: 1:50



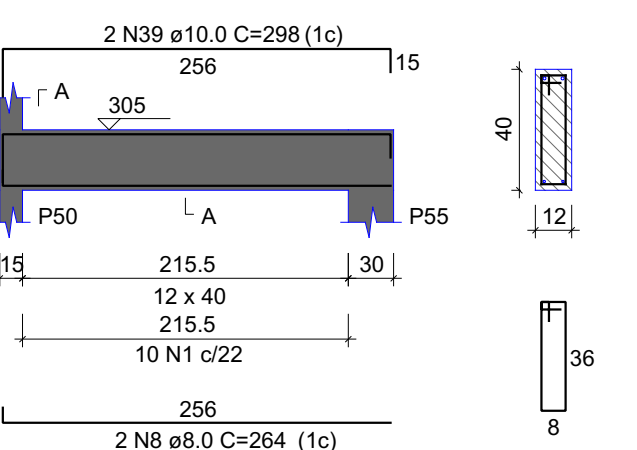
V29
escala: 1:50



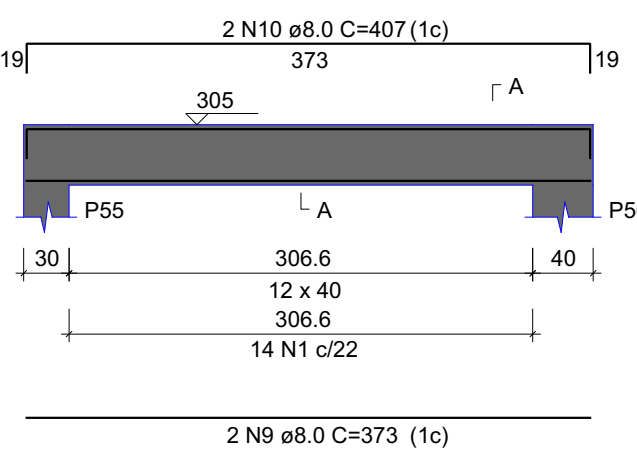
V30
escala: 1:50



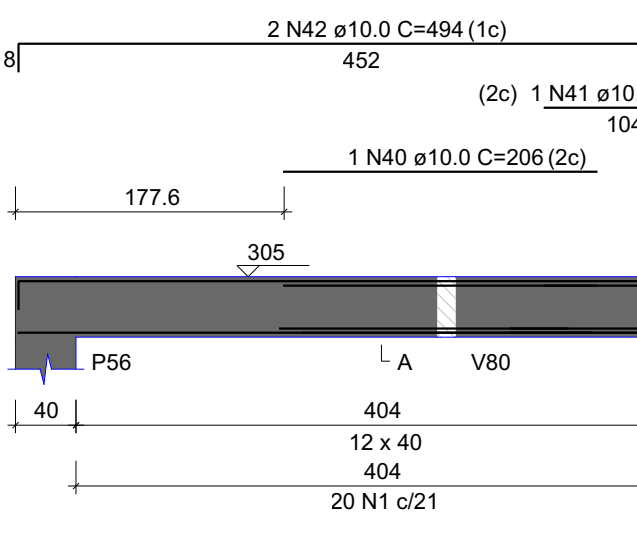
V31
escala: 1:50



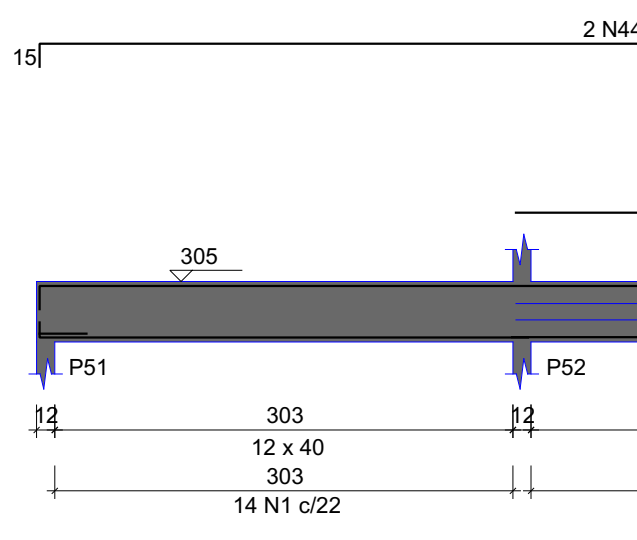
V32
escala: 1:50



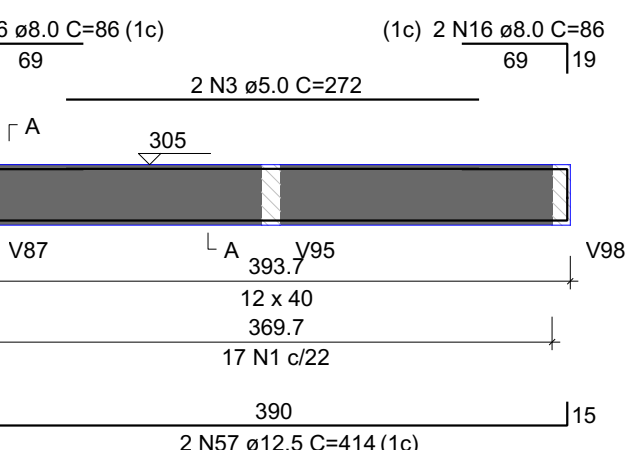
V33
escala: 1:50



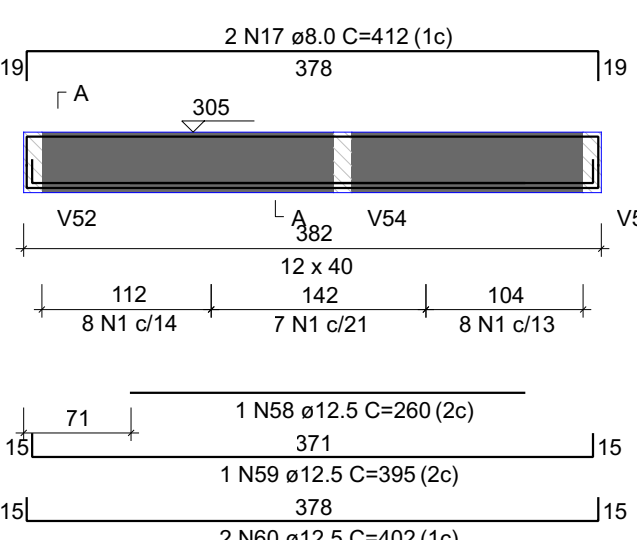
V34
escala: 1:50



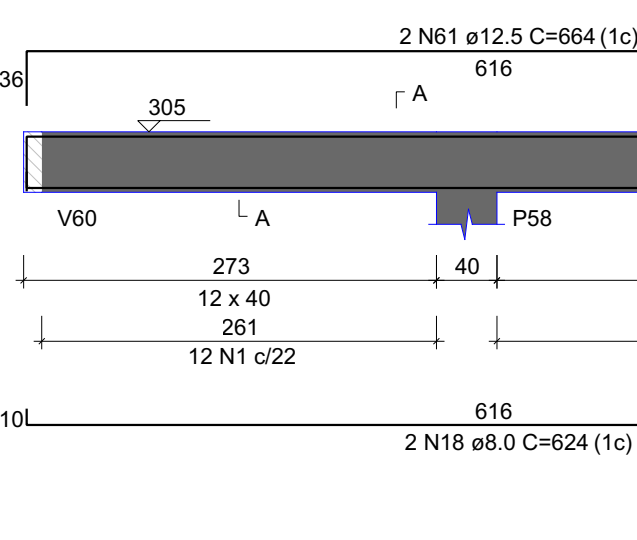
V35
escala: 1:50



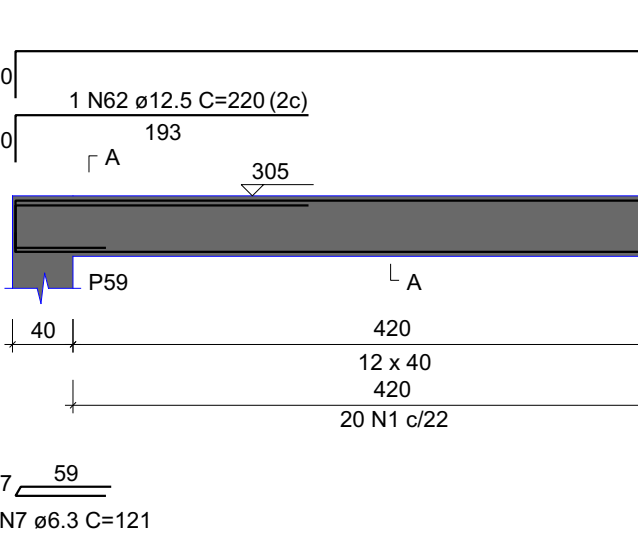
V36
escala: 1:50



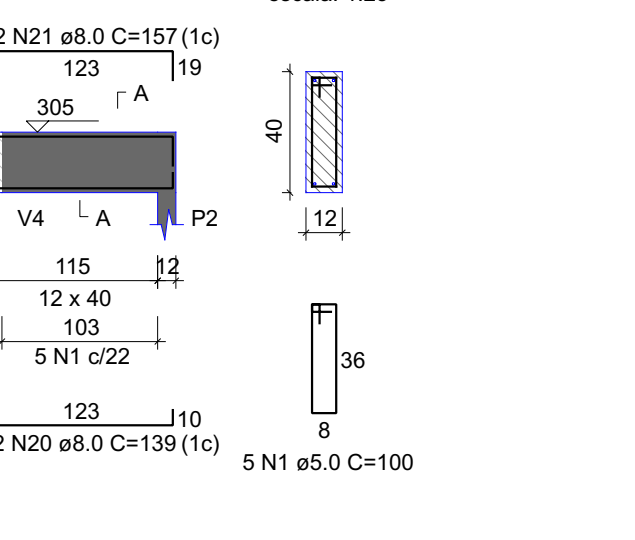
V37
escala: 1:50



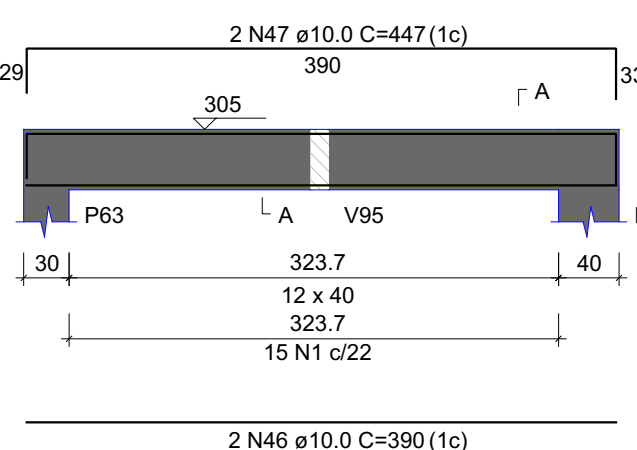
V38
escala: 1:50



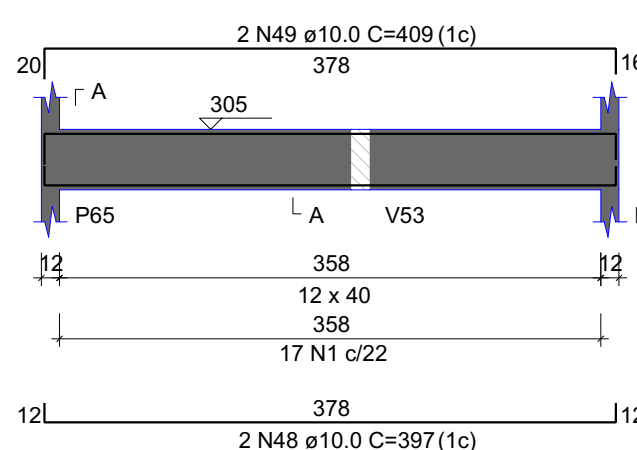
V74
escala: 1:50



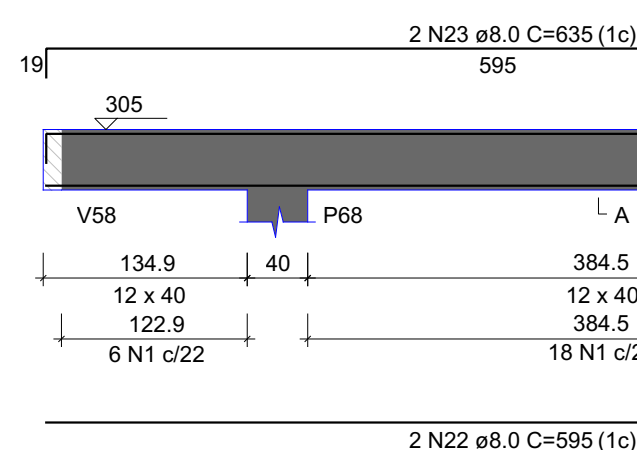
V39
escala: 1:50



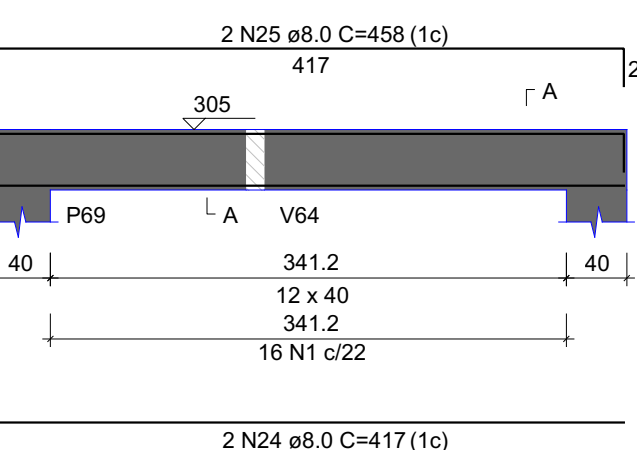
V40
escala: 1:50



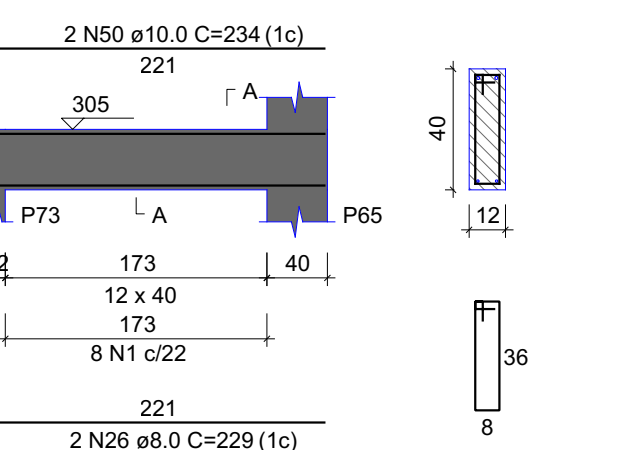
V41
escala: 1:50



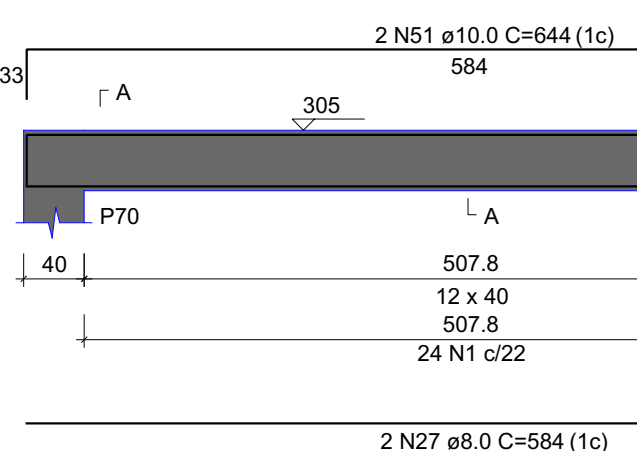
V42
escala: 1:50



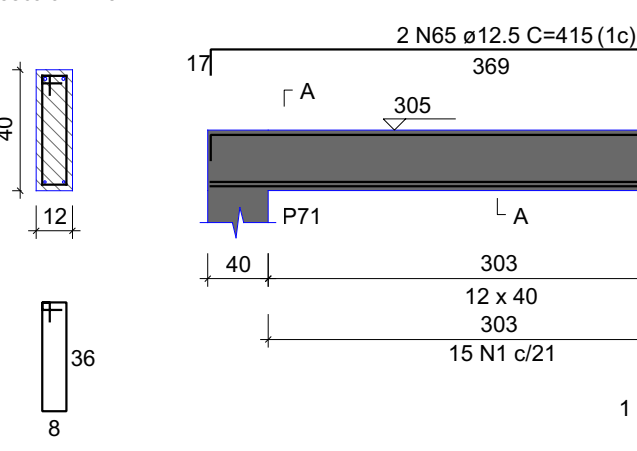
V51
escala: 1:50



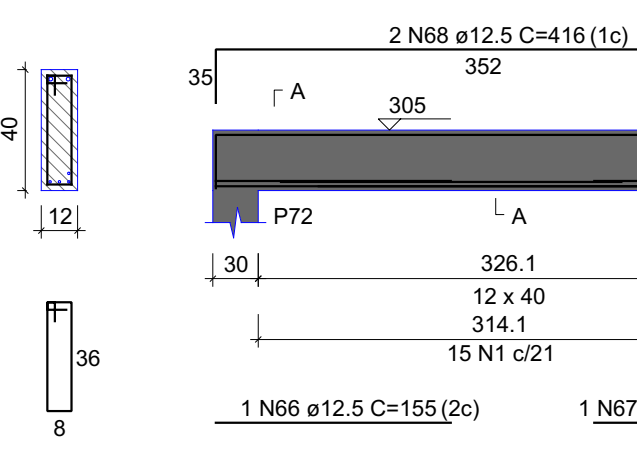
V43
escala: 1:50



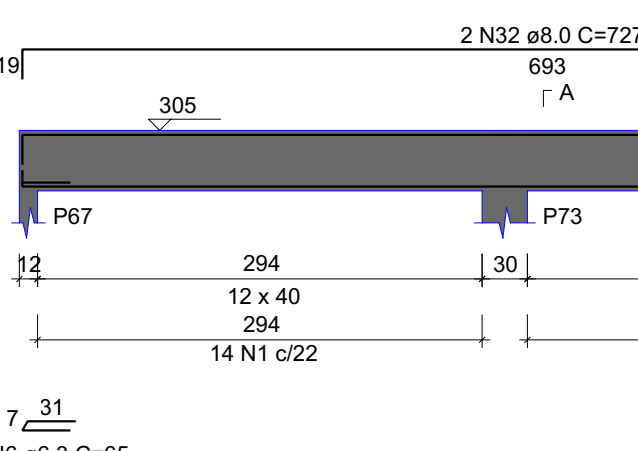
V44
escala: 1:50



V45
escala: 1:50



V46
escala: 1:50



Relação do aço

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	428	100	42800
	2	5.0	2	483	966
	3	5.0	2	272	544
CA50	4	6.3	1	71	71
	5	6.3	4	378	1512
	6	6.3	2	65	130
	7	6.3	1	121	121
	8	8.0	2	264	528
	9	8.0	2	373	746
	10	8.0	2	407	814
	11	8.0	2	190	380
	12	8.0	2	452	904
	13	8.0	3	126	378
	14	8.0	2	331	662
	15	8.0	2	165	330
	16	8.0	4	86	344
	17	8.0	2	412	824
	18	8.0	2	624	1248
	19	8.0	2	615	1230
	20	8.0	2	139	278
	21	8.0	2	157	314
	22	8.0	2	595	1190
	23	8.0	2	635	1270
	24	8.0	2	417	834
	25	8.0	2	458	916
	26	8.0	2	229	458
	27	8.0	2	584	1168
	28	8.0	4	369	1476
	29	8.0	2	225	450
	30	8.0	2	352	704
	31	8.0	2	701	1402
	32	8.0	2	727	1454
	33	10.0	1	191	191
	34	10.0	2	400	800
	35	10.0	1	206	206
	36	10.0	2	440	880
	37	10.0	2	356	712
	38	10.0	2	380	760
	39	10.0	2	298	596
	40	10.0	1	206	206
	41	10.0	1	131	131
	42	10.0	2	494	988
	43	10.0	1	205	205
	44	10.0	2	888	1776
	45	10.0	2	478	956
	46	10.0	2	390	780
	47	10.0	2	447	894
	48	10.0	2	397	794
	49	10.0	2	409	818
	50	10.0	2	234	468
	51	10.0	2	644	1288
	52	12.5	2	244	488
	53	12.5	2	287	574
	54	12.5	3	345	1035
	55	12.5	2	507	1014
	56	12.5	2	363	726
	57	12.5	2	414	828
	58	12.5	1	260	260
	59	12.5	1	395	395
	60	12.5	2	402	804
	61	12.5	2	664	1328
	62	12.5	1	220	220
	63	12.5	2	1112	2224
	64	12.5	1	83	83
	65	12.5	2	415	830
	66	12.5	1	155	155
	67	12.5	1	102	102
	68	12.5	2	416	832

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	18.4	4.9
	8.0	203.1	86.1
	10.0	134.5	91.2
	12.5	119.4	126.5
CA60	5.0	443.1	75.1

PESO TOTAL (kg)
CA50 310.8
CA60 75.1

Volume de concreto (C-30) = 4.82 m³
Área de forma = 92.41 m²

REVISÕES

NÚMERO	COMENTÁRIOS	DATA	AUTOR



CLIENTE/CONTRATANTE:
PREFEITURA MUNICIPAL DE FRANCISCO BELTRÃO

TÍTULO/EMPREENHIMENTO:
REFORMA E AMPLIAÇÃO - UNIDADE DE SAÚDE PE. ULRICO

TIPO DE OBRA/SERVIÇO:
REFORMA E AMPLIAÇÃO

ENDEREÇO:
RUA PEDRO F. DE BACKER, SN - PE. ULRICO

DIMENSÕES DA FOLHA: 841x594mm
CONTRATO: CÓDIGO: ÁREA DO PROJETO: 325,23 m²
Área existente: 325,23 m²
Área ampliar: 459,65 m²

ESCALA DE PLOTAGEM: DATA: 28/06/2019
DESENHO: Gabriel
ART:

INDICADA DISCIPLINA: ESTRUTURAL

CONTEÚDO DA PRANCHA:
DETALHAMENTO ESTRUTURAL - VIGAS SUPERIORES

PROJETARE ENGENHARIA LTDA
CREA PR-43596 / CAU 37134-3
Avenida Florianópolis, 530 - sala 41 - Alvorada
Francisco Beltrão - PR - CEP 85.901-560
Tel: (46) 3524.7920
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instagram: @projetareeng

SERGIO V. GALVÃO JUNIOR
ENG. CIVIL - CREA PR-173760-0
RESP. TÉCNICO COORDENAÇÃO

GABRIEL ANDRÉ CHIOSSI
ENG. CIVIL - CREA PR-173760-0
RESP. TÉCNICO PROJETO

CONJUNTO:
1/5

PRANCHA:
7/26

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]

Desenhos

DT	NOME	COR	PERM
01	PROJ	01/10	
02	PROJ	02/10	
03	PROJ	03/10	
04	PROJ	04/10	
05	PROJ	05/10	
06	PROJ	06/10	
07	PROJ	07/10	
08	PROJ	08/10	
09	PROJ	09/10	
10	PROJ	10/10	