
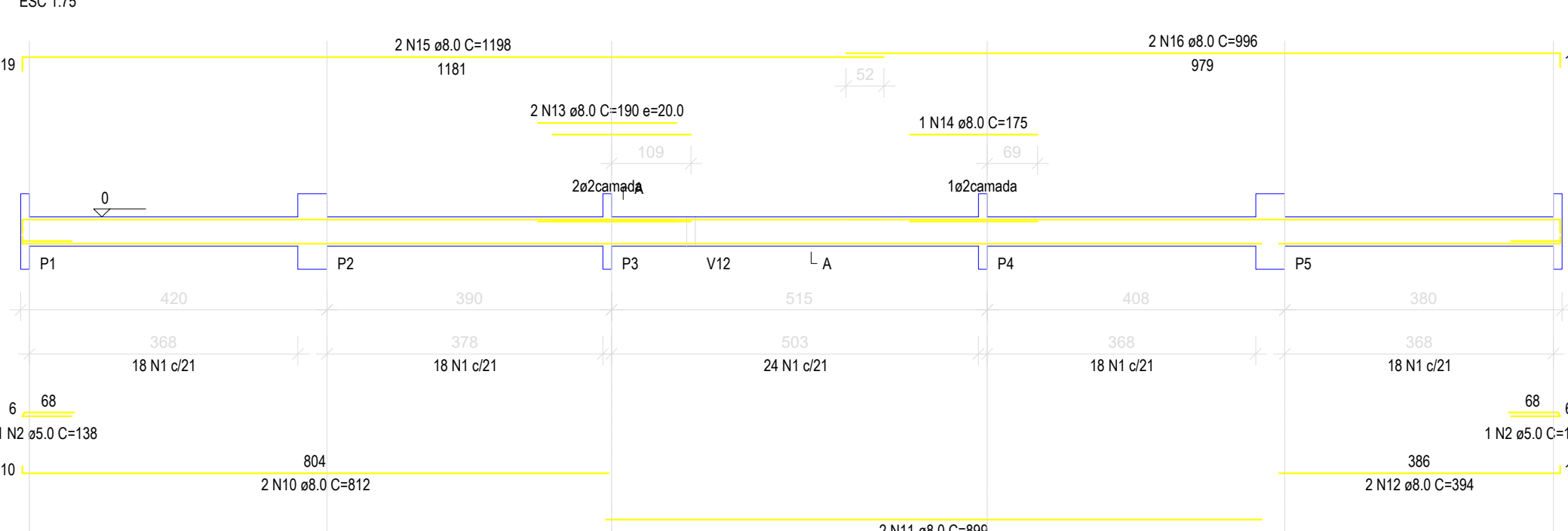


Planta Baixa - Projeto Estrutural
Escala: 1/100

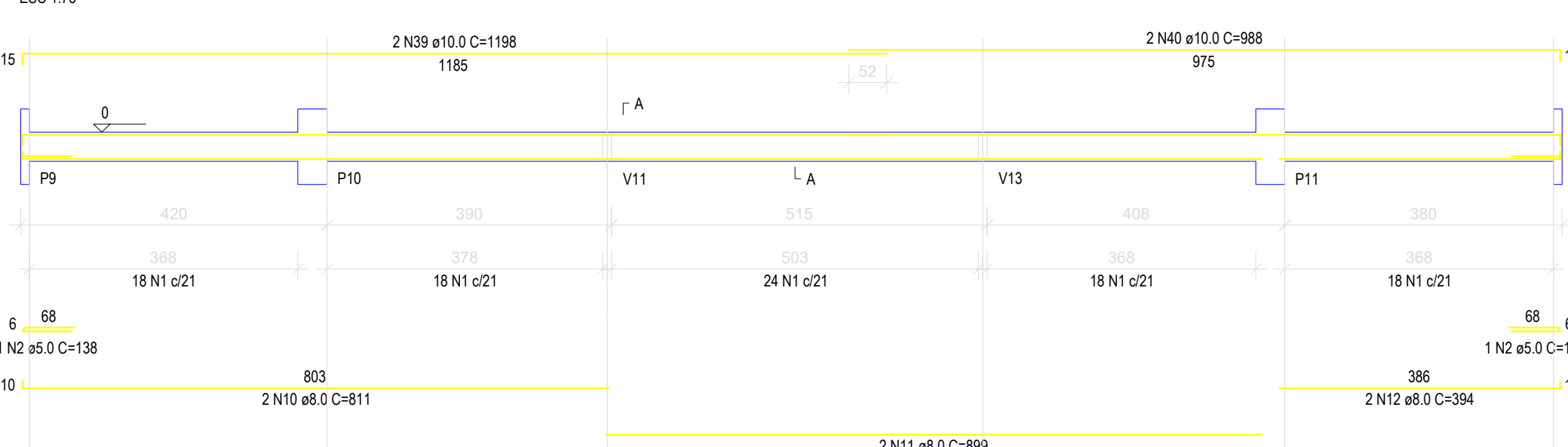
Planta de locação
escala 1:50

Prefeitura Municipal de Tijucas		
	PREFEITURA MUNICIPAL DE TIJUCAS SECRETARIA DE OBRAS	
AMPLIAÇÃO ESCOLA BRILHO DO SOL RUA ESTEVÃO CAETANO RITA, BAIRRO JOAIA, TIJUCAS - SC.		
Projeto Estrutural		
Juelmir	08/09/2020	Indicada
		04 08

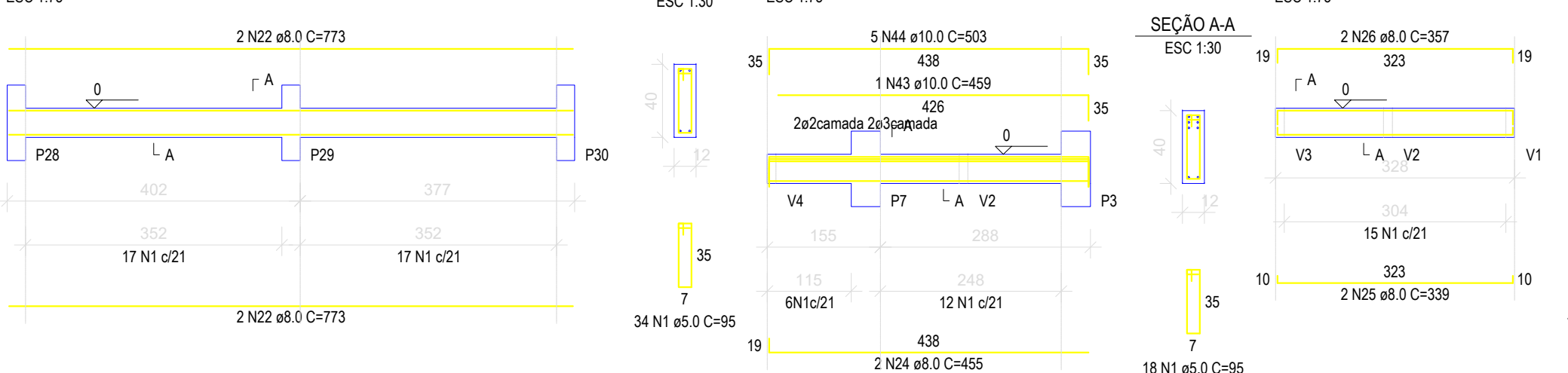
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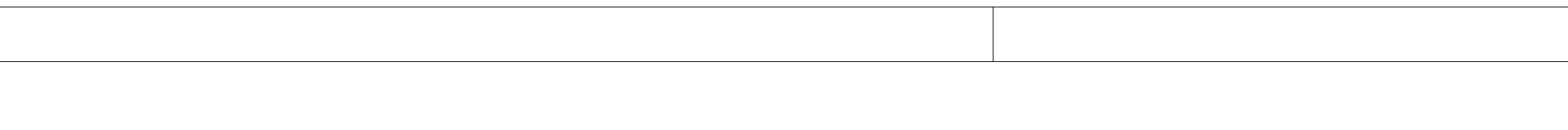
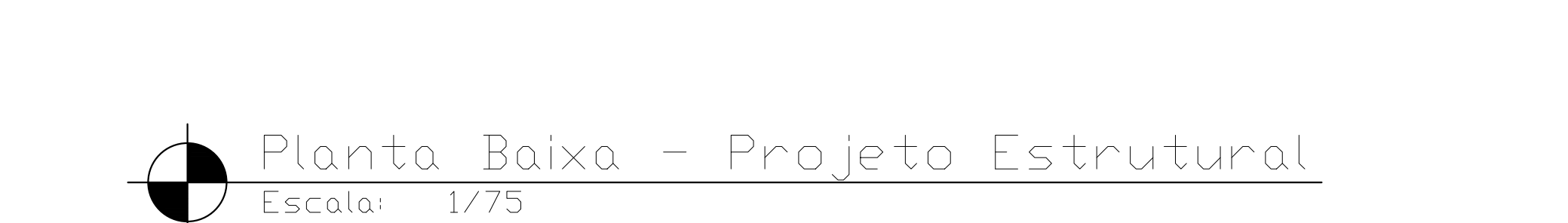
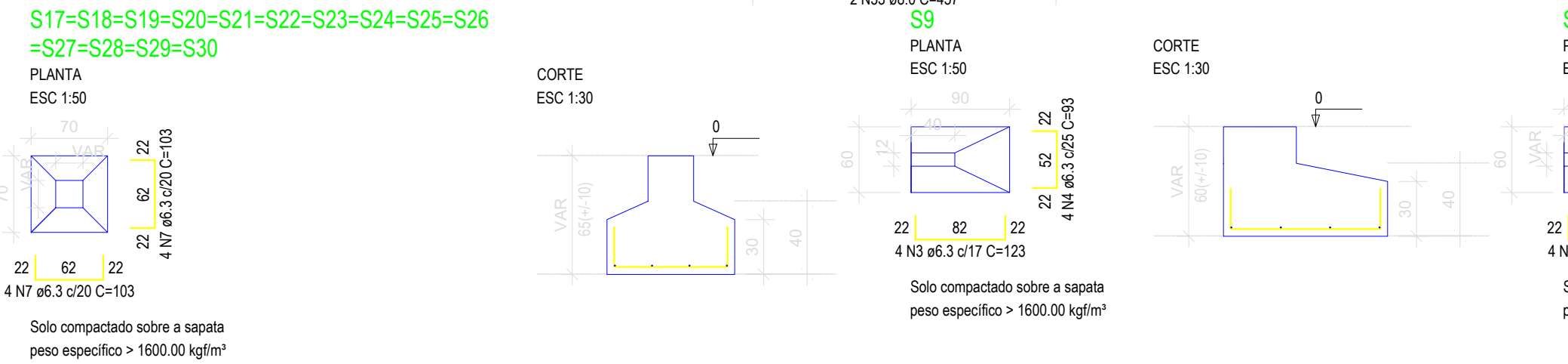
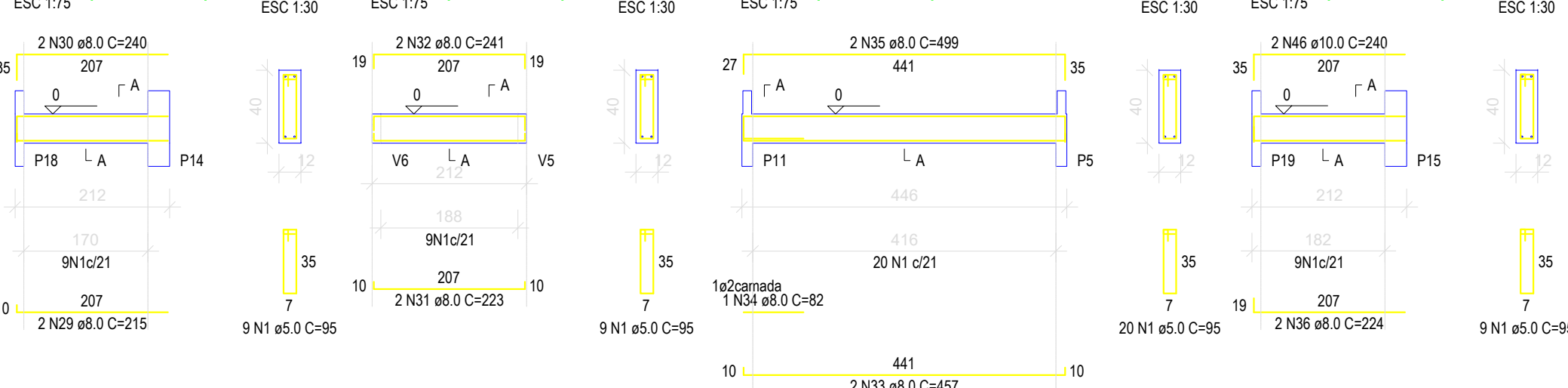
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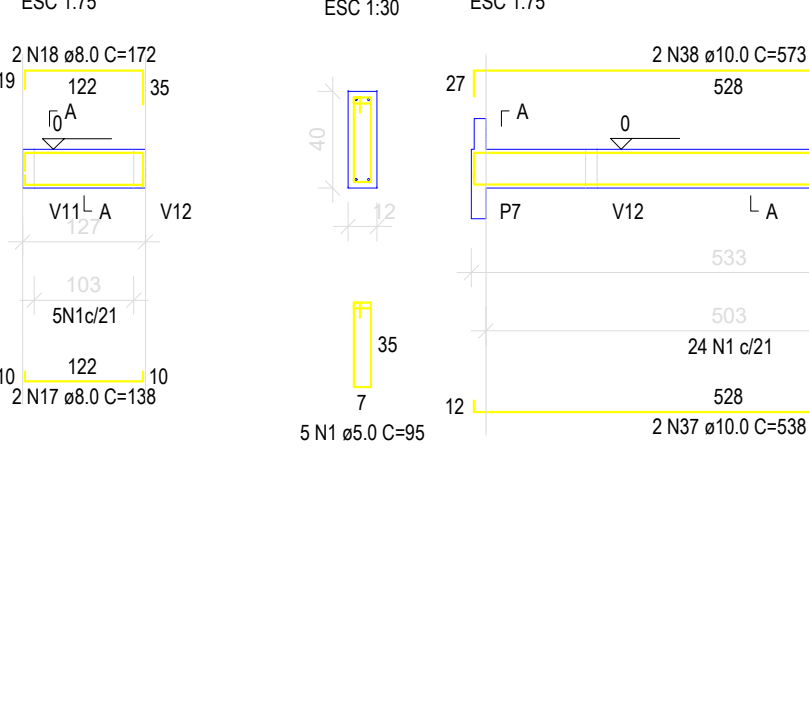
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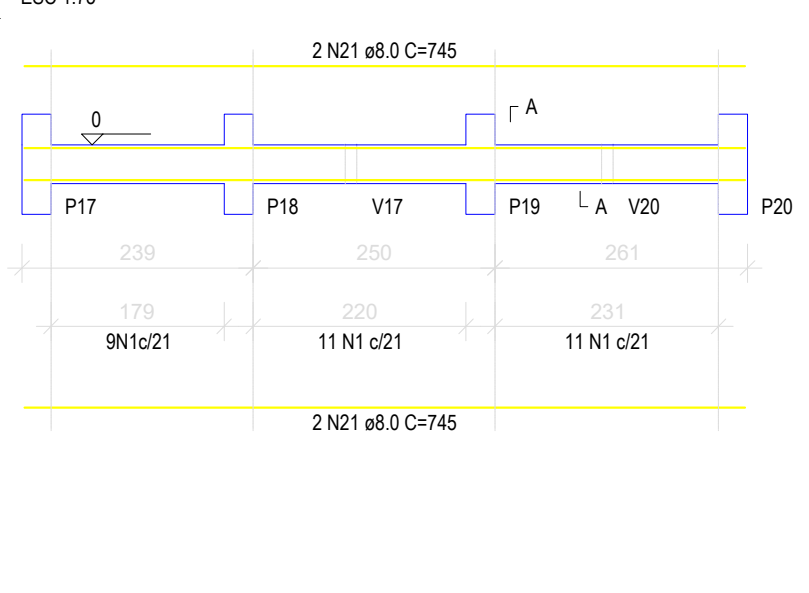
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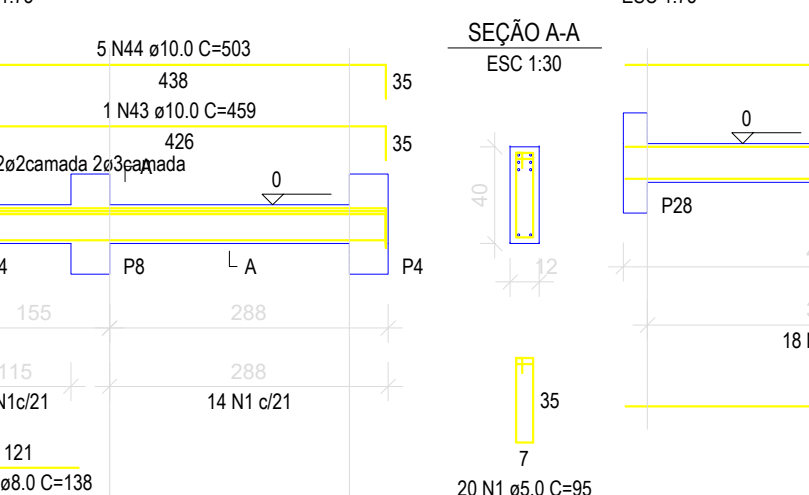
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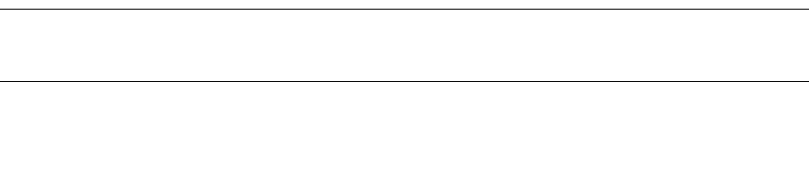
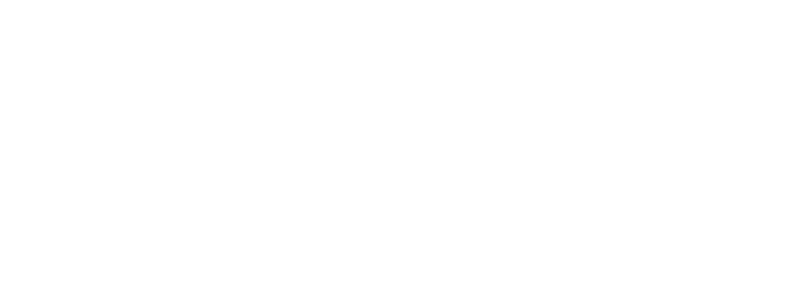
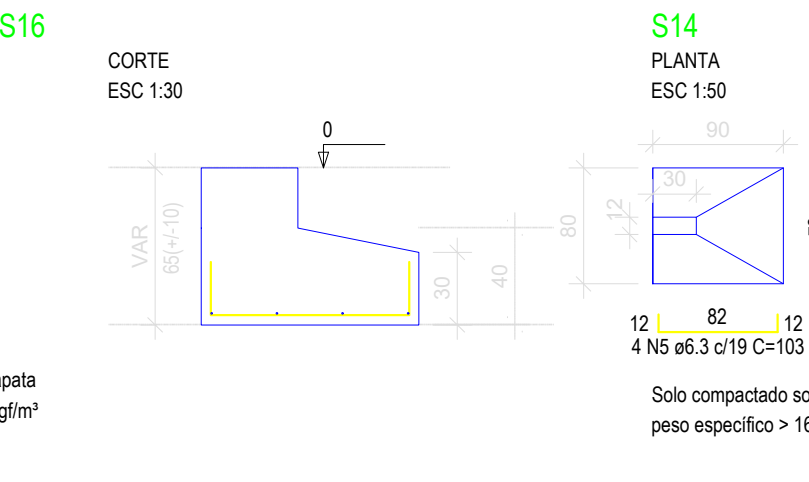
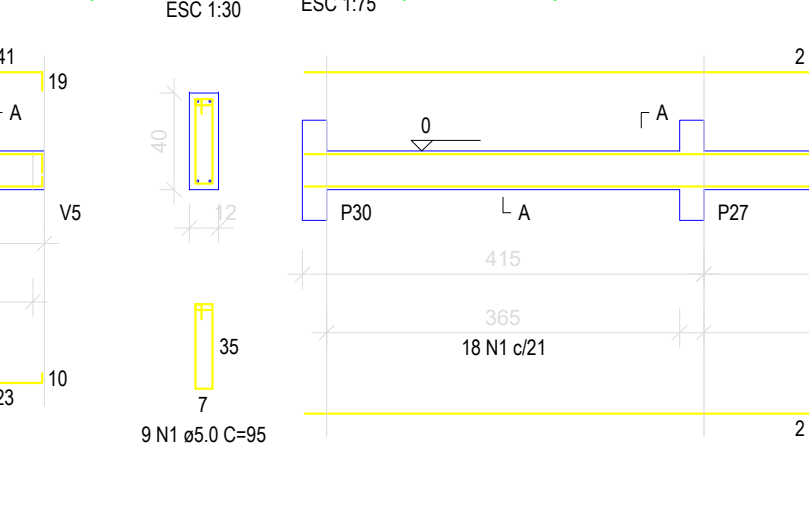
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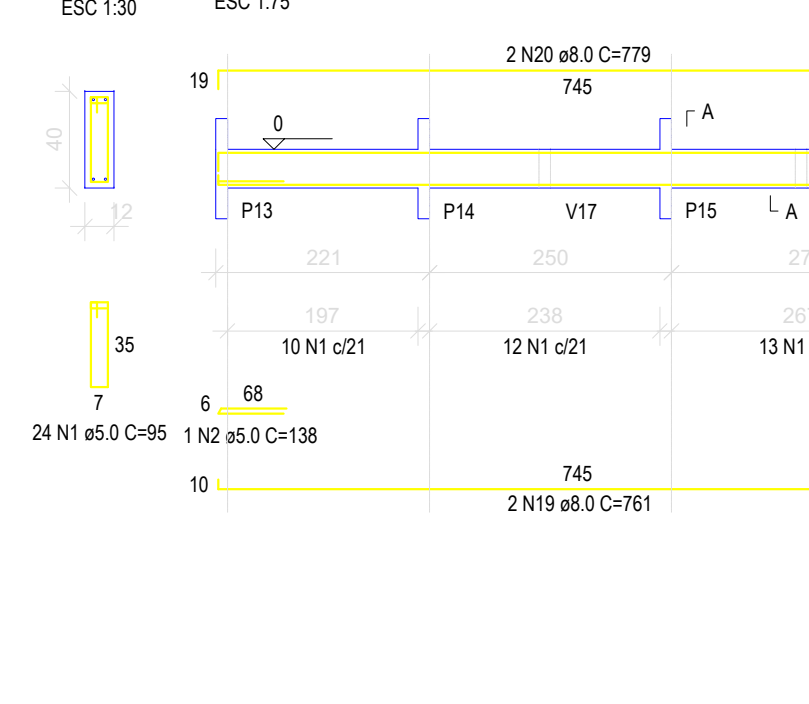
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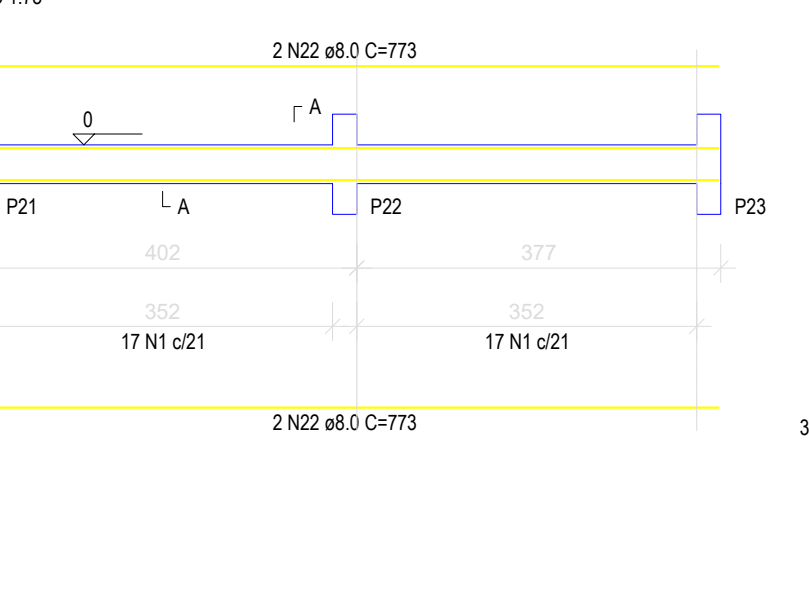
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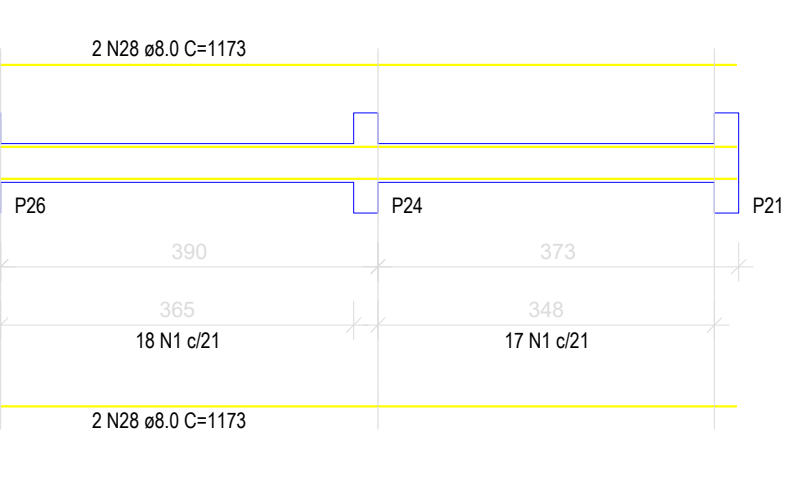
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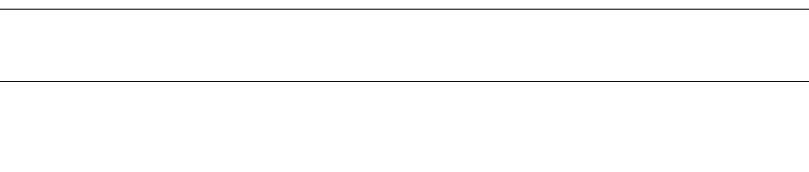
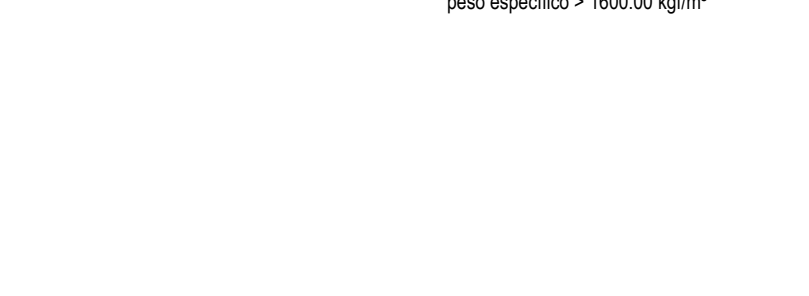
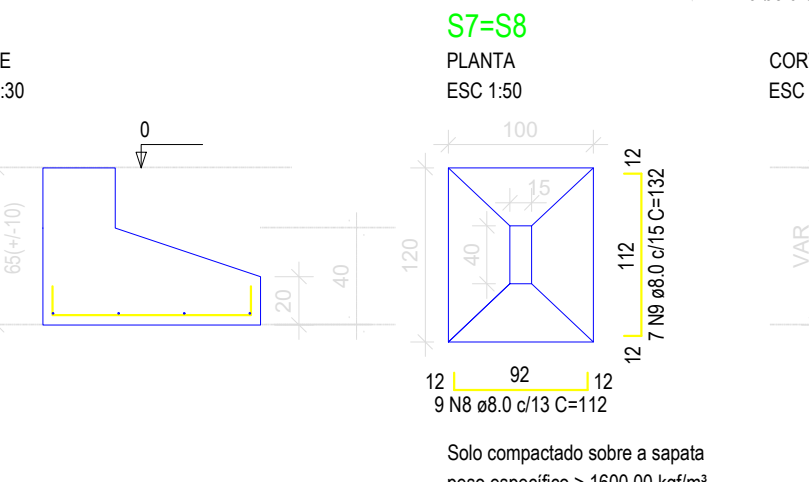
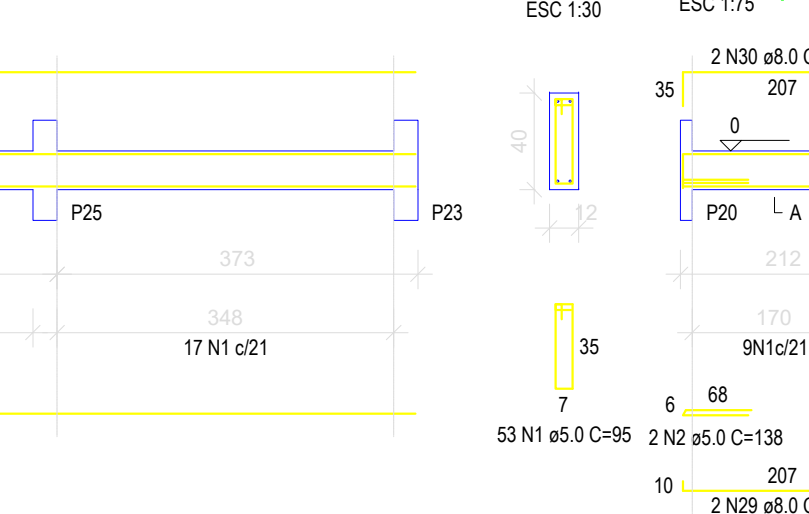
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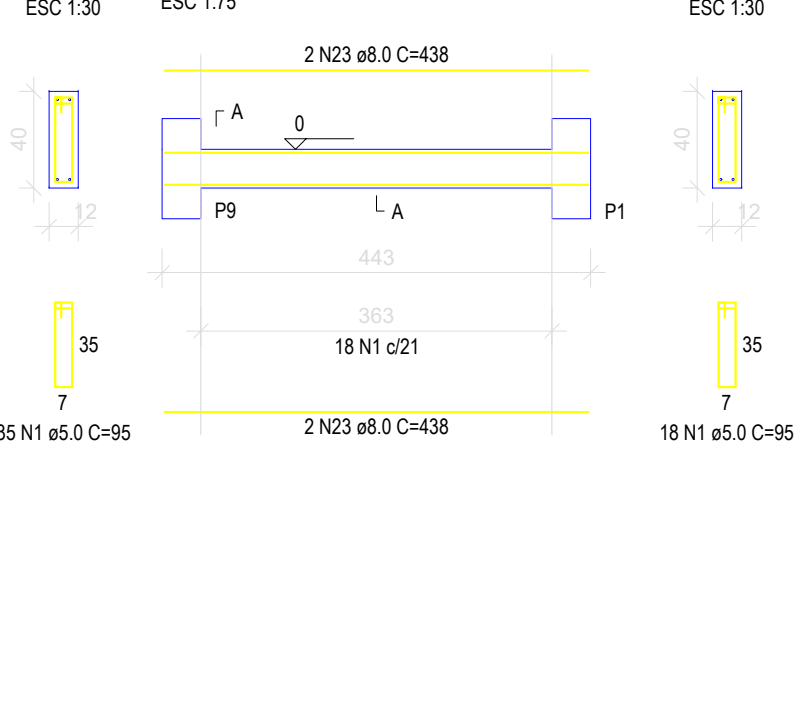
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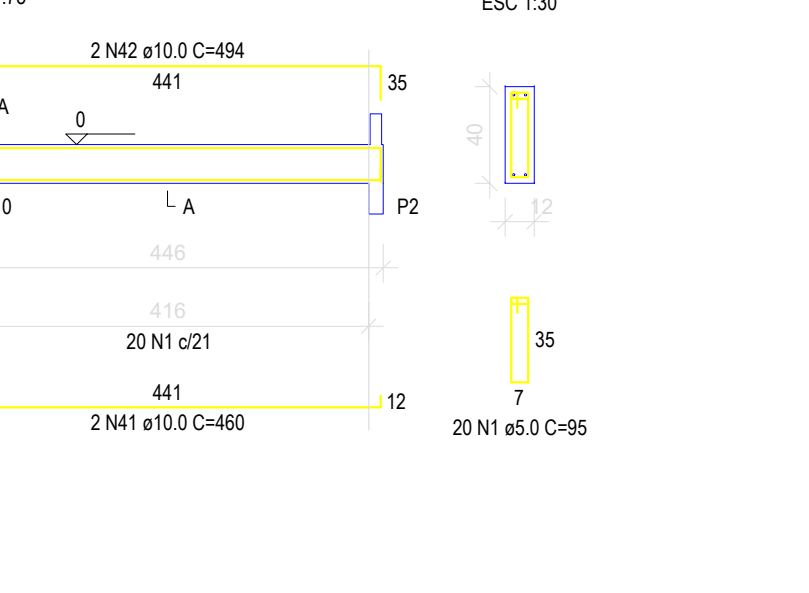
V12 (12 x 40)



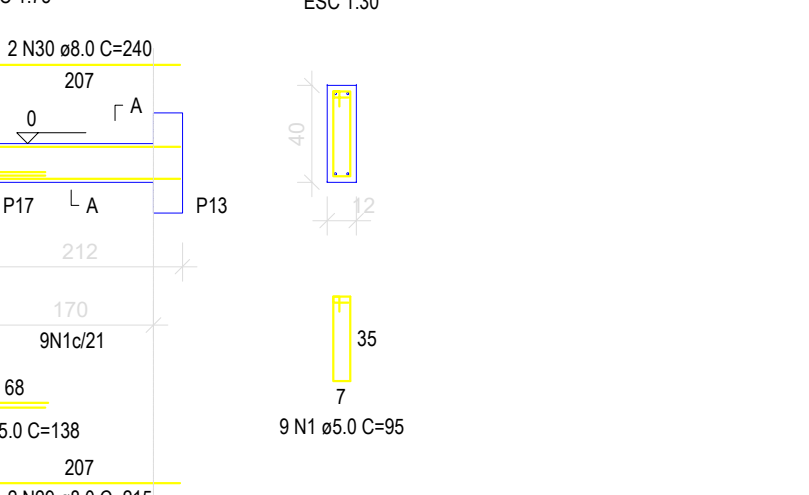
V5 (12 x 40)



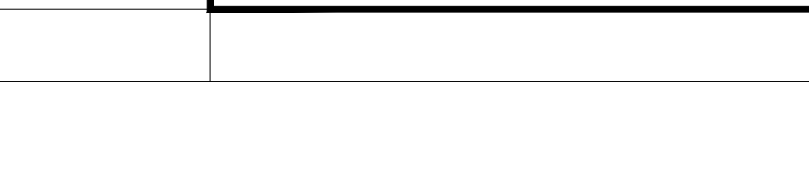
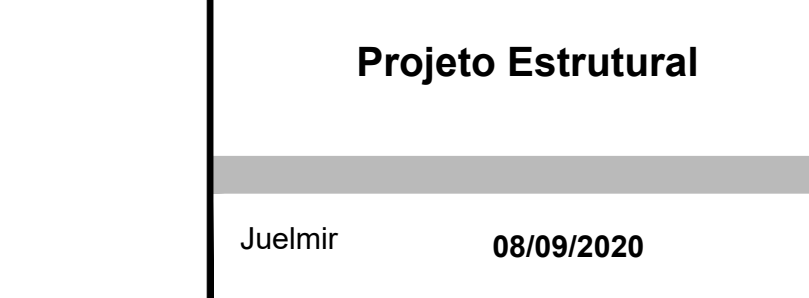
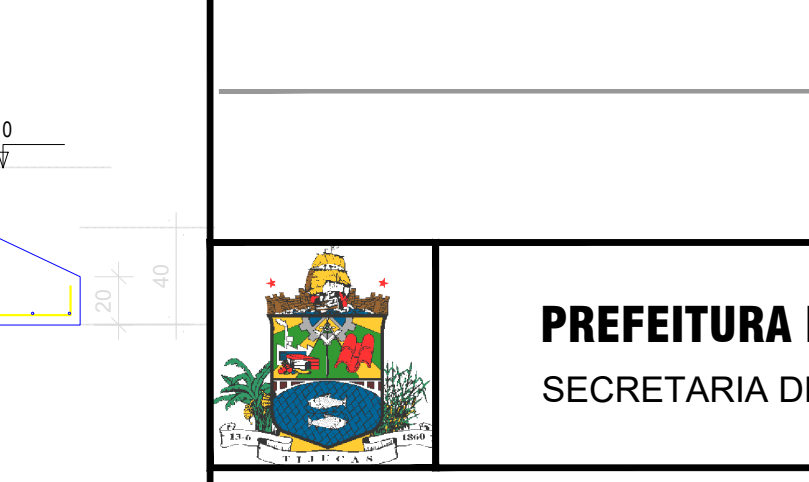
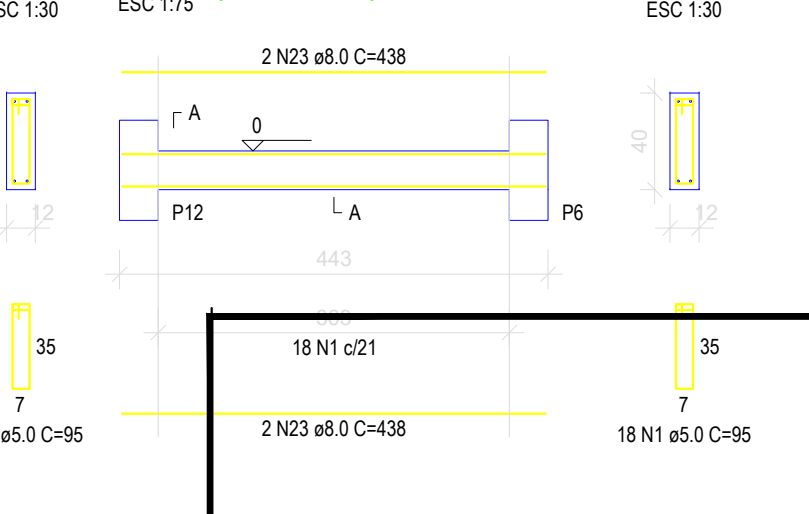
V9 (12 x 40)



V10 (12 x 40)



V15 (12 x 40)



5xS1	2xS7	S8
S14	14xS21	V1
V2	V3	V4
V5	V6	V7
V8	V9	V10
V11	V12	V13
V14	V15	V16
V17	V18	V19
V20	V21	V22

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	644	96	61180
CA50	2	5.0	10	138	1380
CA50	3	6.3	24	123	2952
CA50	4	6.3	24	93	2232
CA50	5	6.3	4	103	412
CA50	6	6.3	4	83	372
CA50	7	6.3	112	103	11536
CA50	8	8.0	18	112	2016
CA50	9	8.0	14	135	1890
CA50	10	8.0	4	812	3248
CA50	11	8.0	4	899	3596
CA50	12	8.0	4	384	1536
CA50	13	8.0	2	190	380
CA50	14	8.0	1	175	175
CA50	15	8.0	2	1198	2396
CA50	16	8.0	2	996	1992
CA50	17	8.0	2	138	276
CA50	18	8.0	2	172	344
CA50	19	8.0	2	761	1522
CA50	20	8.0	2	779	1558
CA50	21	8.0	2	745	1490
CA50	22	8.0	8	773	6184
CA50	23	8.0	8	438	3504
CA50	24	8.0	2	465	930
CA50	25	8.0	2	339	678
CA50	26	8.0	2	357	714
CA50	27	8.0	2	138	276
CA50	28	8.0	8	1173	9384
CA50	29	8.0	6	215	1290
CA50	30	8.0	6	240	1440
CA50	31	8.0	4	223	892
CA50	32	8.0	4	241	964
CA50	33	8.0	2	457	914
CA50	34	8.0	1	82	82
CA50	35	8.0	2	499	998
CA50	36	8.0	2	224	448
CA50	37	10.0	2	538	1076
CA50	38	10.0	2	573	1146
CA50	39	10.0	2	1198	2396
CA50	40	10.0	2	888	1776
CA50	41	10.0	2	460	920
CA50	42	10.0	2	494	988
CA50	43	10.0	2	469	938
CA50	44	10.0	10	503	5030
CA50	45	10.0	2	342	684
CA50	46	10.0	2	246	492

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	175	47.1
CA50	8.0	525.8	228.2
CA50	10.0	155.1	105.9
CA50	5.0	625.6	106.1
PESO TOTAL (kg)			
CA50		381.2	
CA50		106.1	

Volume de concreto (C-30) = 11.40 m³
Área de forma = 154.08 m²

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	175	47.1
CA50	8.0	525.8	228.2
CA50	10.0	155.1	105.9
CA50	5.0	625.6	106.1
PESO TOTAL (kg)			
CA50		381.2	
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Volume de concreto (C-30) = 11.40 m³
Área de forma = 154.08 m²

Prefeitura Municipal de Tijucas

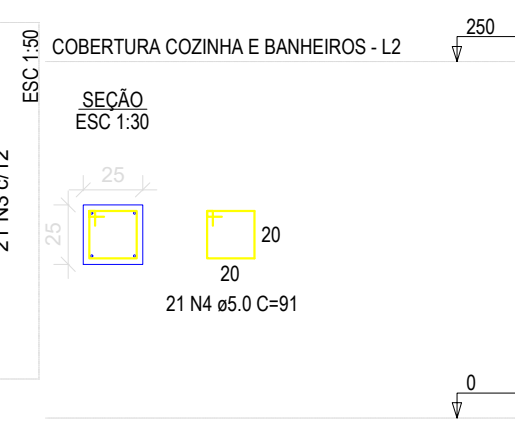
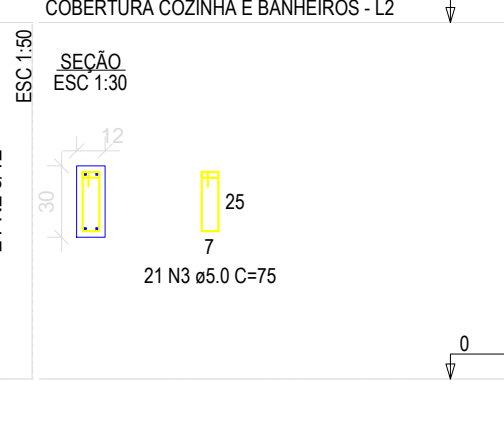
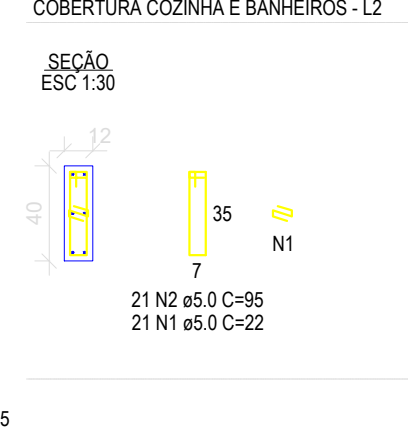
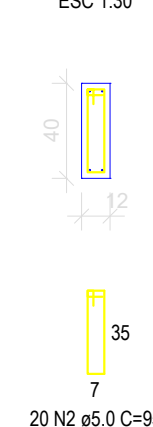
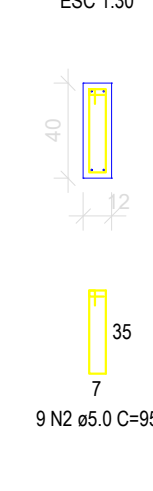
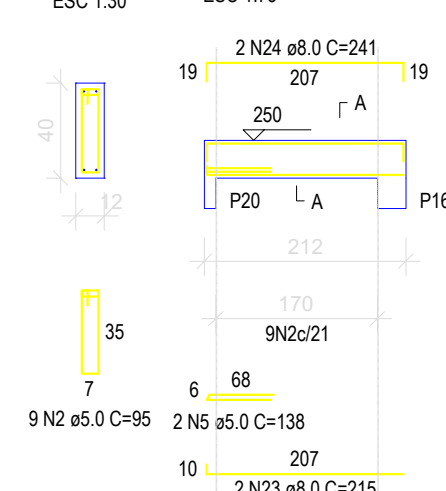
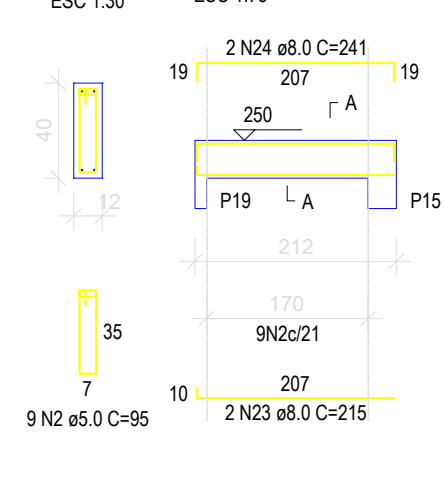
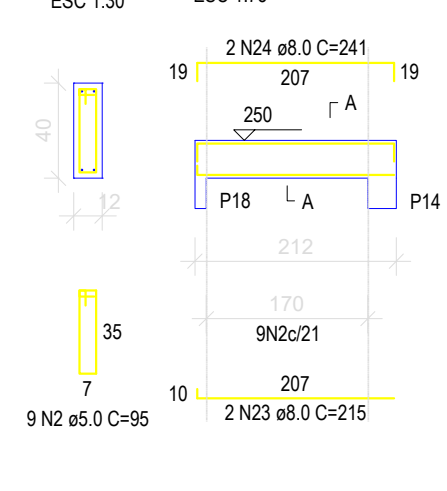
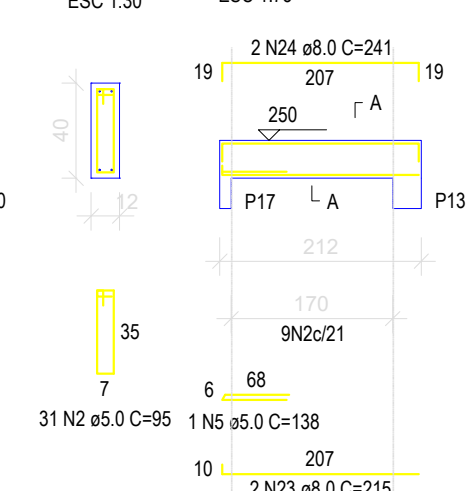
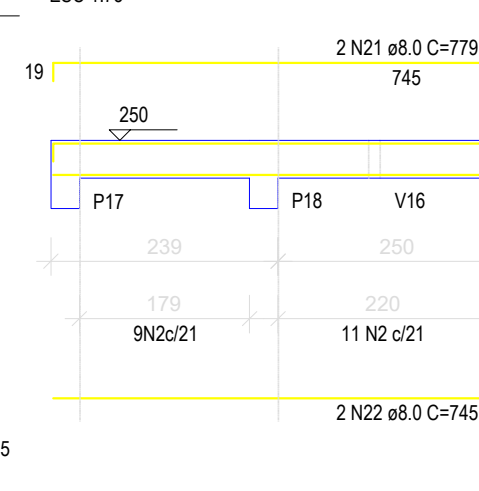
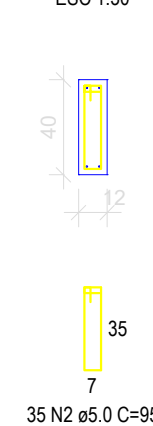
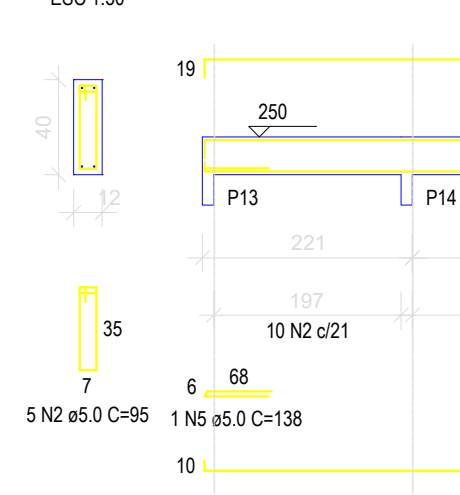
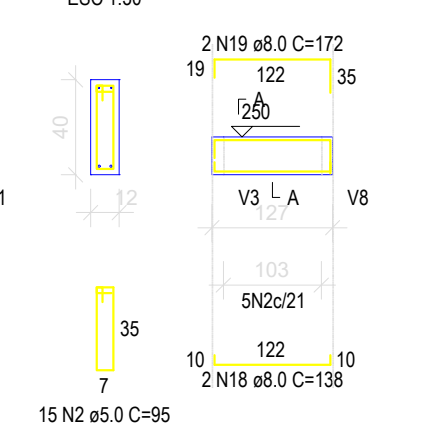
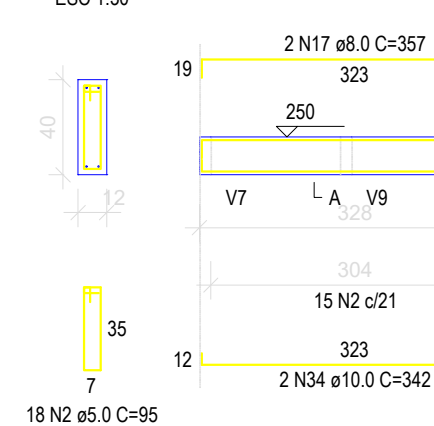
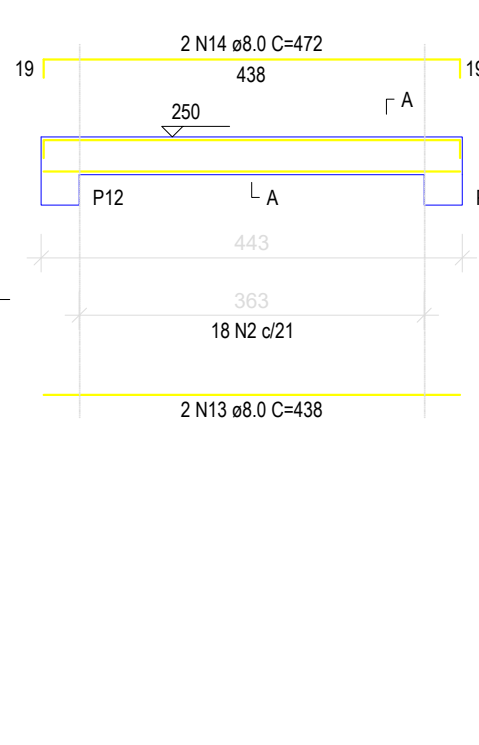
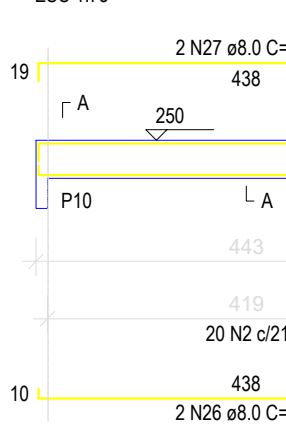
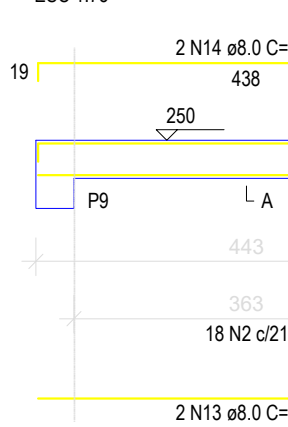
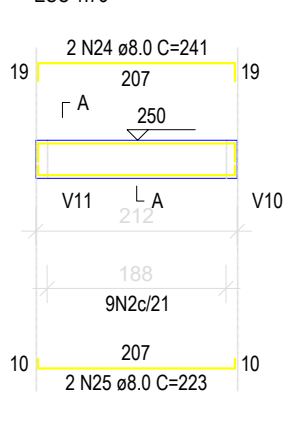
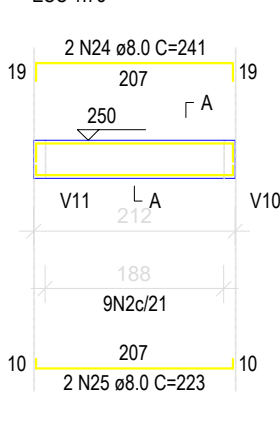
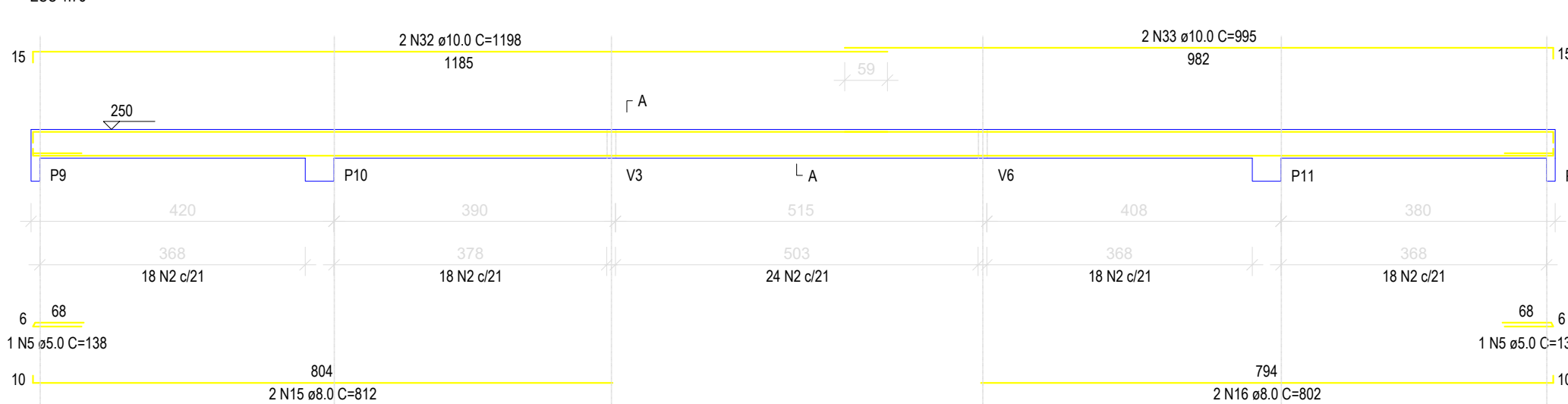
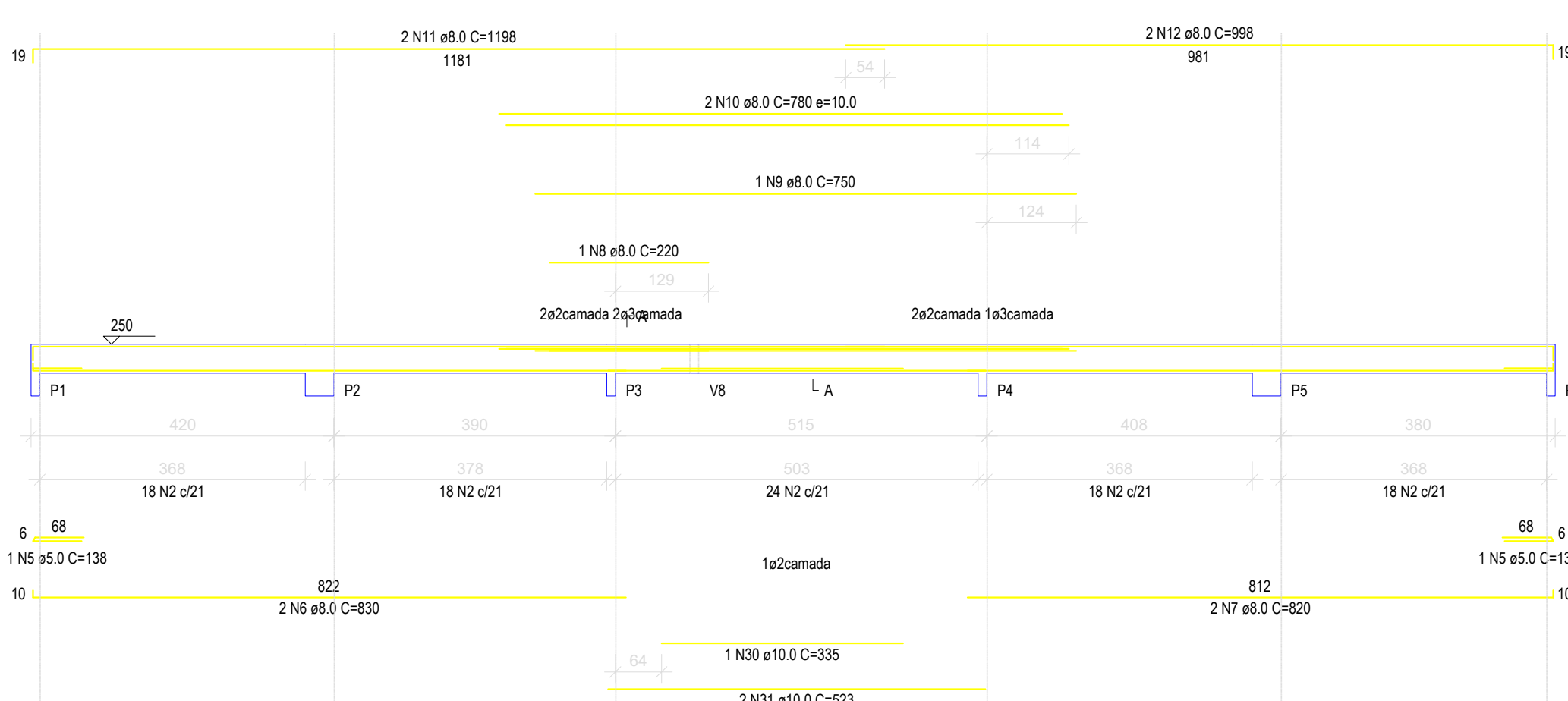
PREFEITURA MUNICIPAL DE TIJUCAS
SECRETARIA DE OBRAS

AMPLIAÇÃO ESCOLA BRILHO DO SOL
RUA ESTEVÃO CAETANO RITA, BAIRRO JOAIA, TIJUCAS - SC.

Projeto Estrutural

Juêmir 08/09/2020 Indicada **05**08

Planta Baixa - Projeto Estrutural
Escala: 1/75



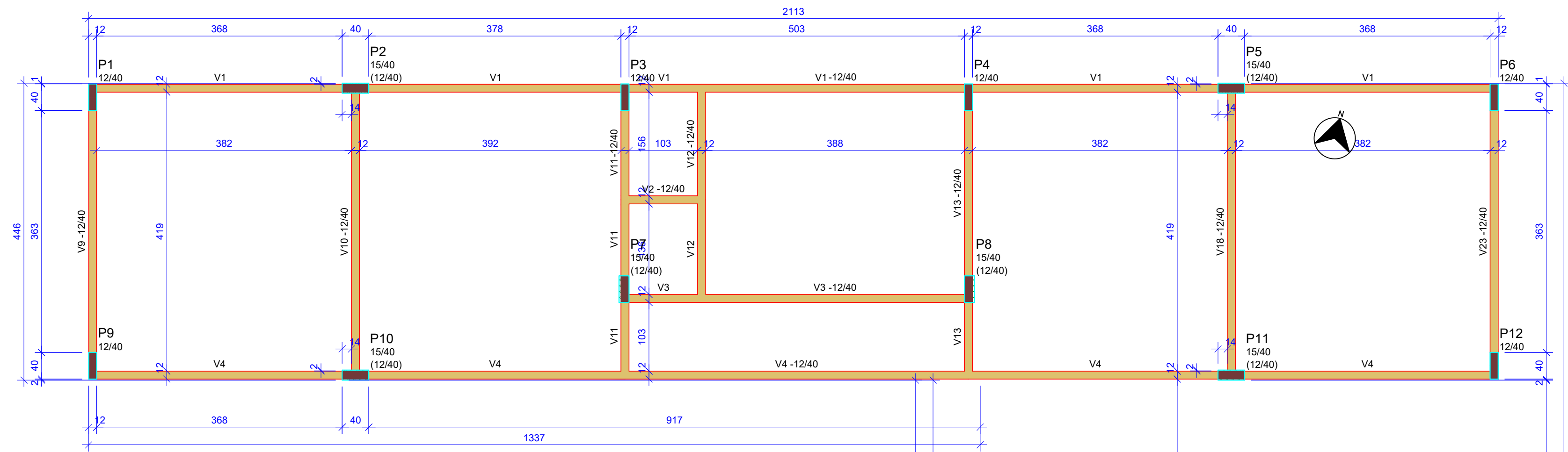
AMPLIAÇÃO ESCOLA BRILHO DO SOL
RUA ESTEVÃO CAETANO RITA, BAIRRO JOAIA, TIJUCAS - SC.

Juelmir

08/09/2020

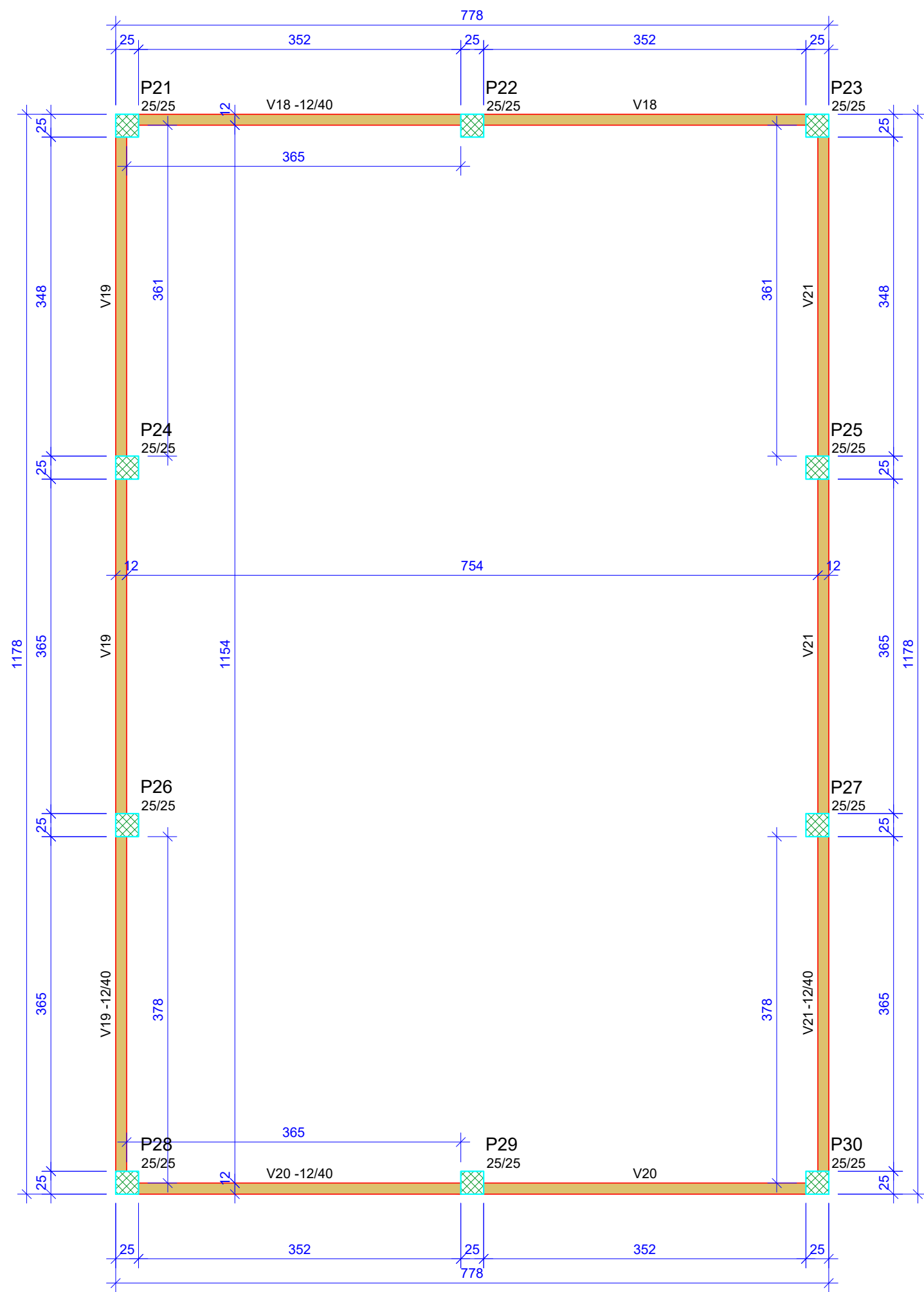
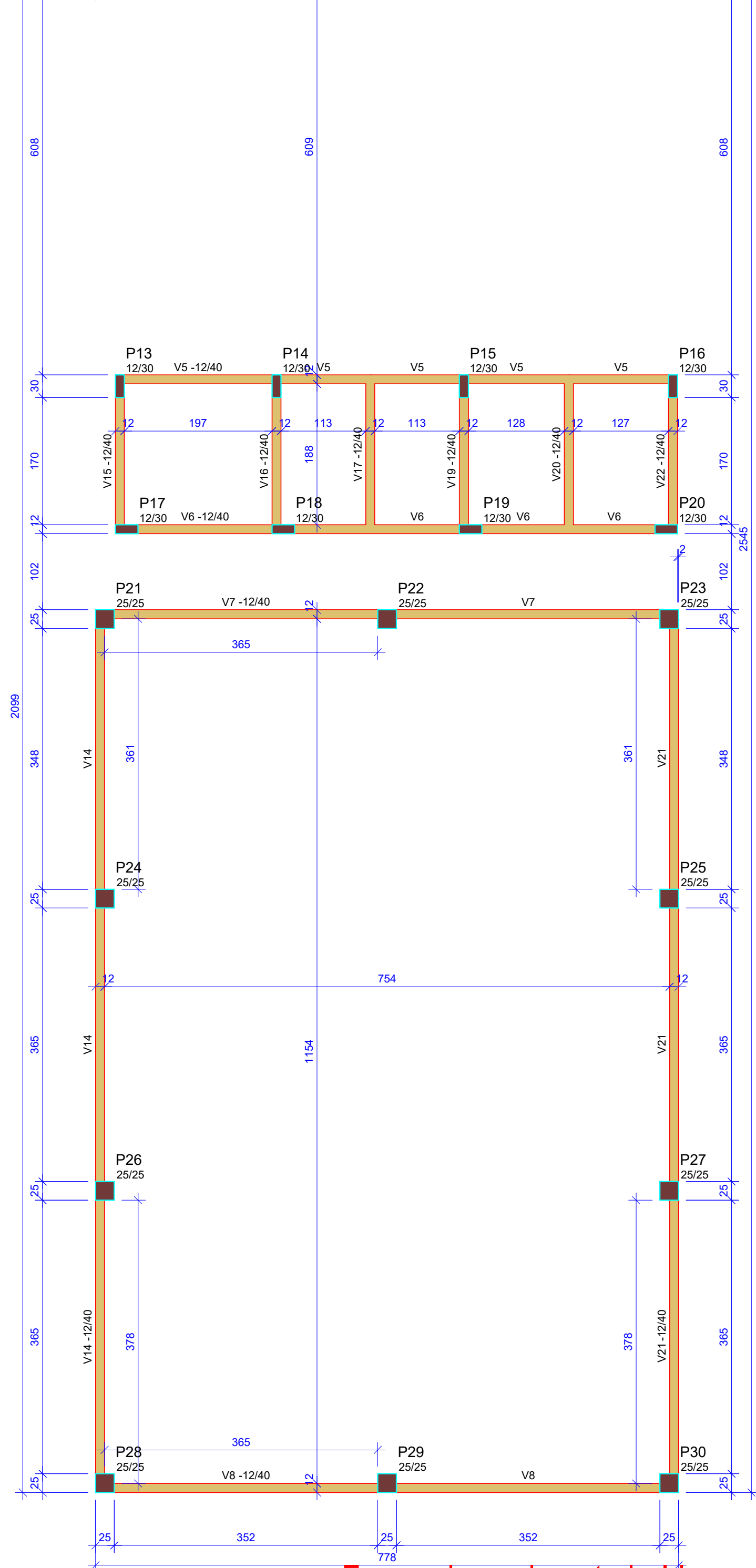
Indicada

06⁰⁸



Características dos materiais	
fck	Ecs
(kgf/cm²)	(kgf/cm²)
300	268384

Legenda das vigas e paredes	
	Viga



Forma do pavimento cobertura galpao

Características dos materiais	
fck	Ecs
(kgf/cm²)	(kgf/cm²)
300	268384

Legenda das vigas e paredes	
	Viga

Planta Baixa - Projeto Estrutural
Escala: 1/100



PREFEITURA MUNICIPAL DE TIJUCAS
SECRETARIA DE OBRAS

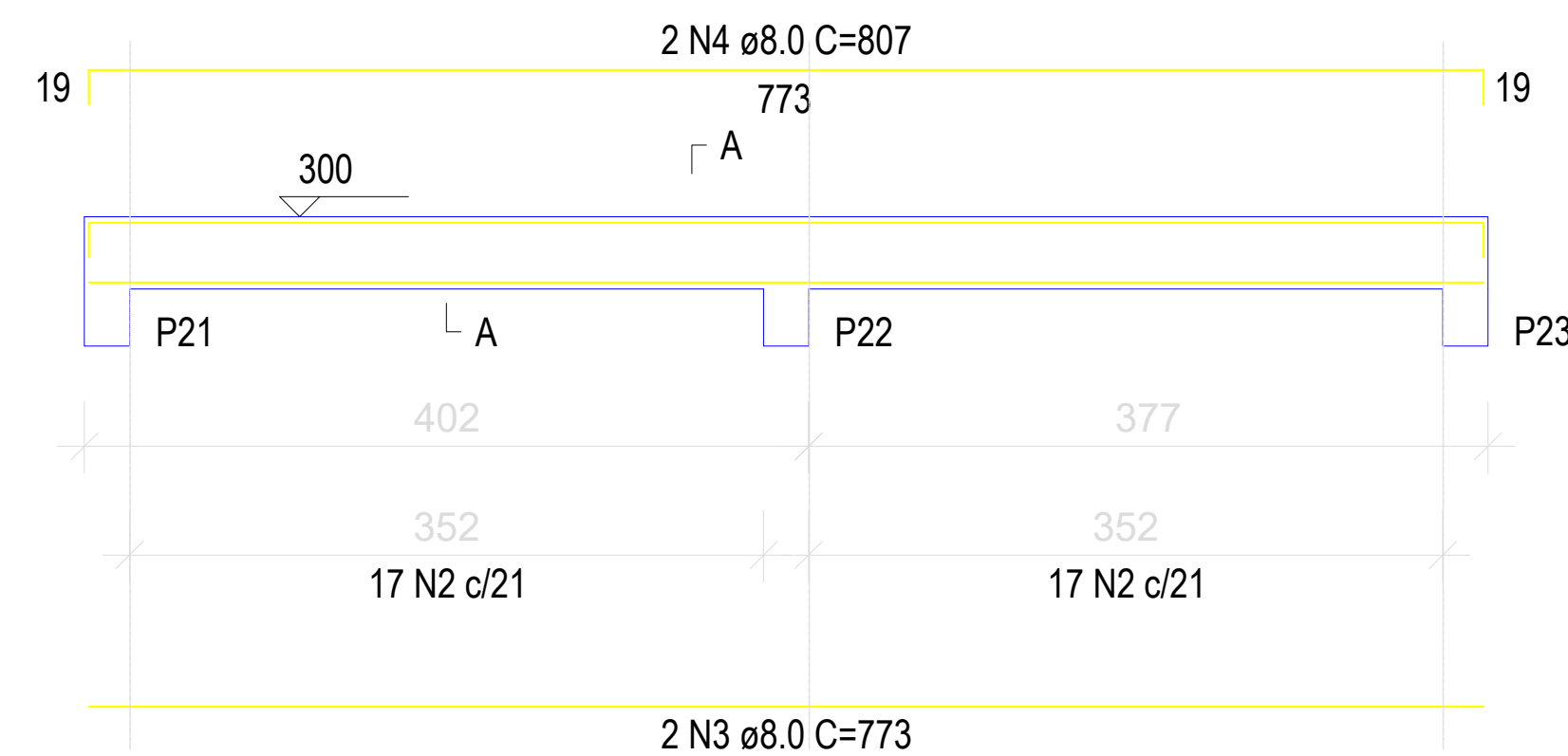
PROJETO: AMPLIAÇÃO ESCOLA BRILHO DO SOL
LOCAL: RUA ESTEVÃO CAETANO RITA, BAIRRO JOAIA, TIJUCAS - SC.

CONTEÚDO: Projeto Estrutural

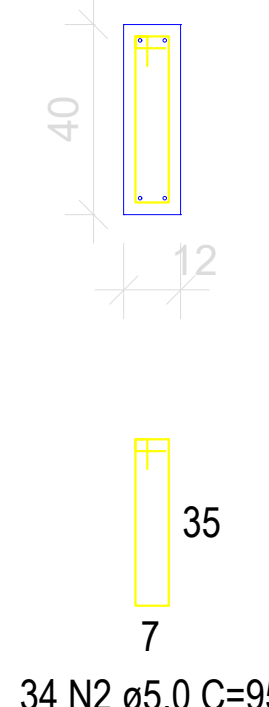
DESENHO:	DATA:	REVISÃO:	ESCALA:	PRANCHA:
Juelmir	08/09/2020		Indicada	0708

V18 (12 x 40)

ESC 1:75

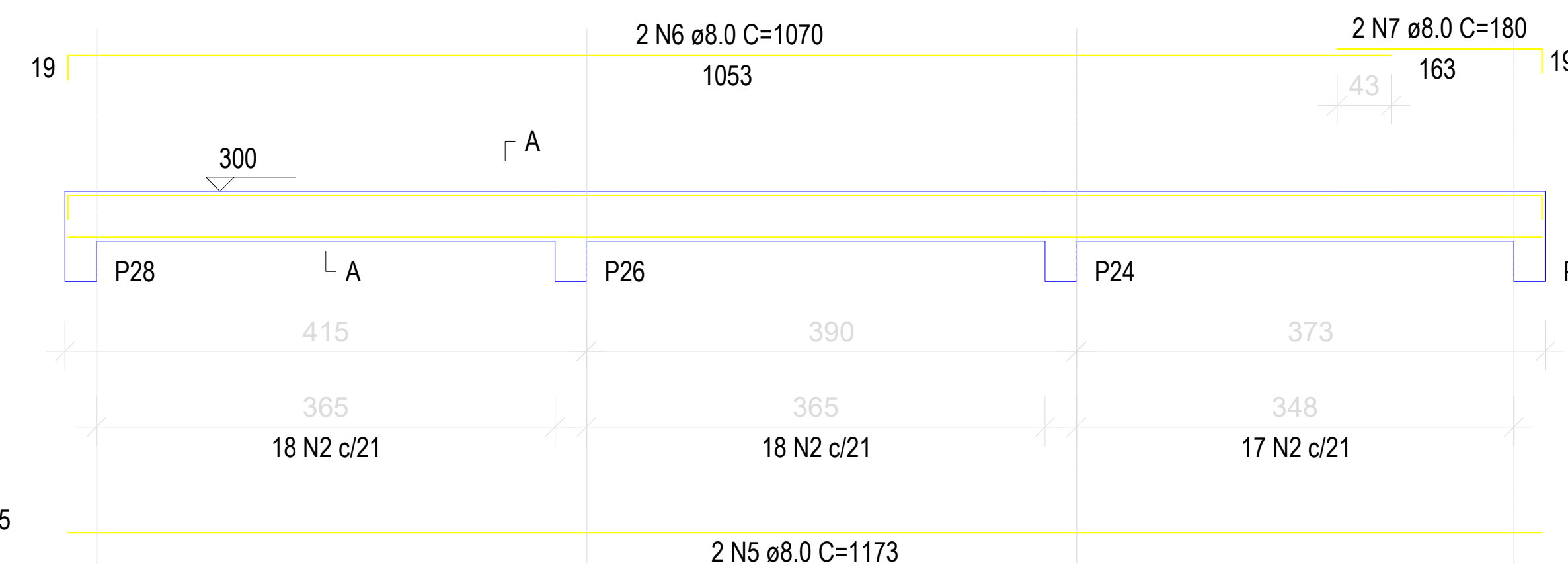


SEÇÃO A-A
ESC 1:30

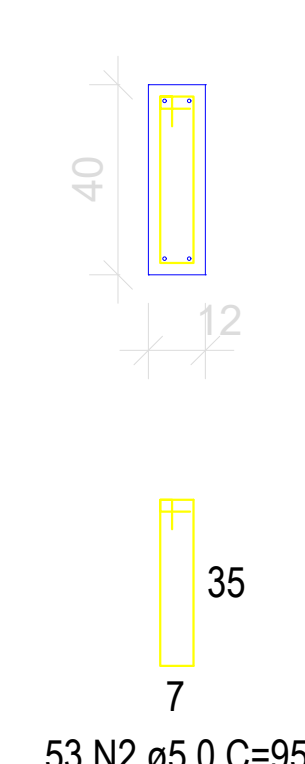


V19 (12 x 40)

ESC 1:75

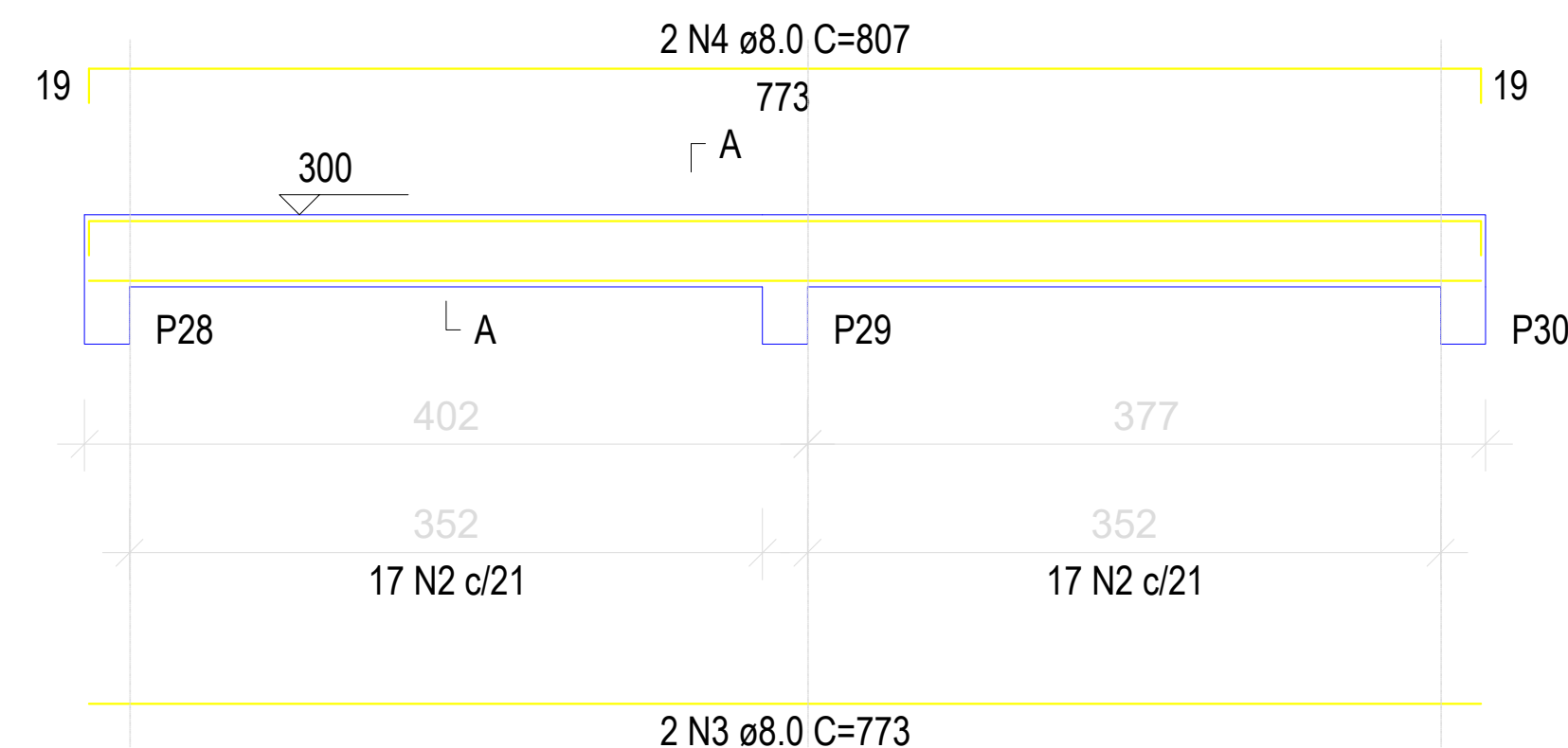


SEÇÃO A-A
ESC 1:30

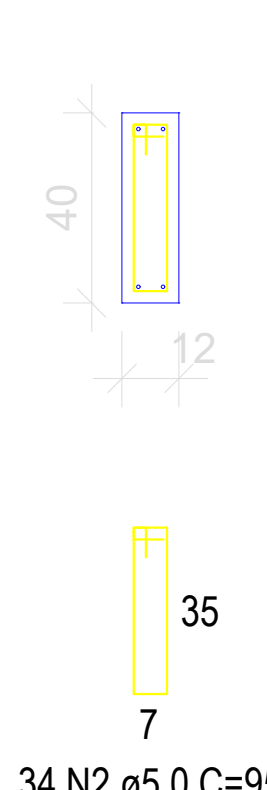


V20 (12 x 40)

ESC 1:75

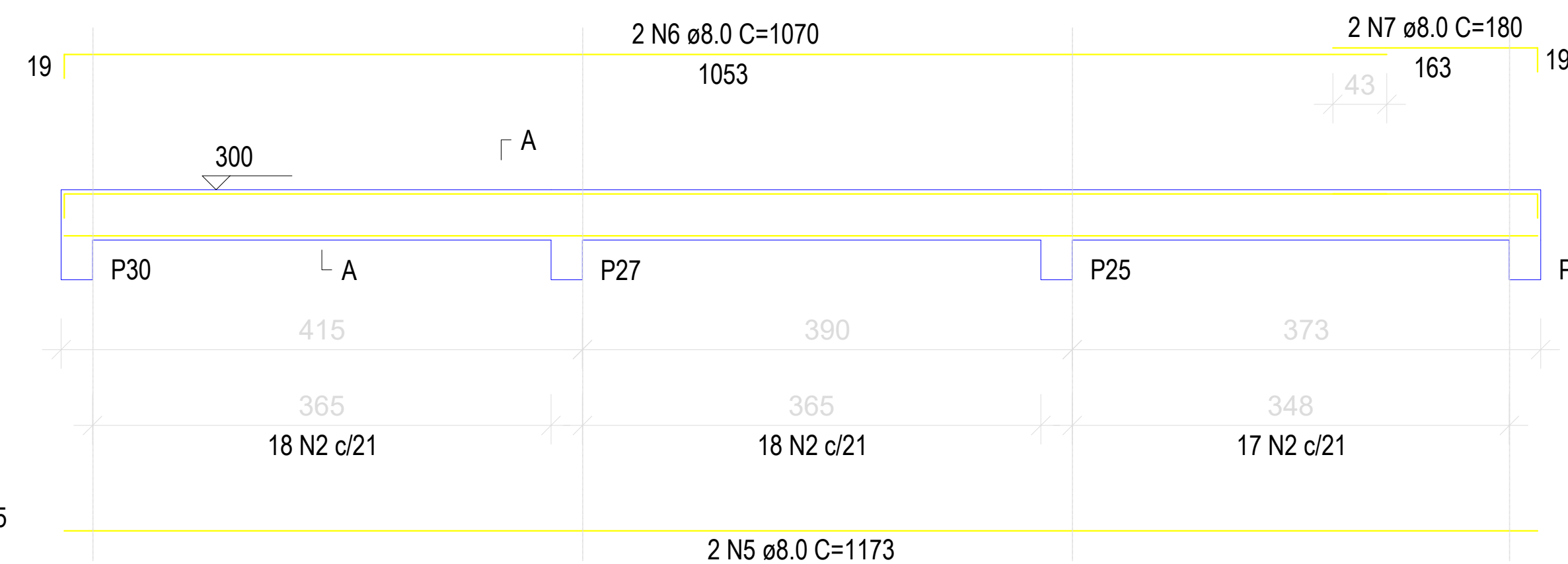


SEÇÃO A-A
ESC 1:30

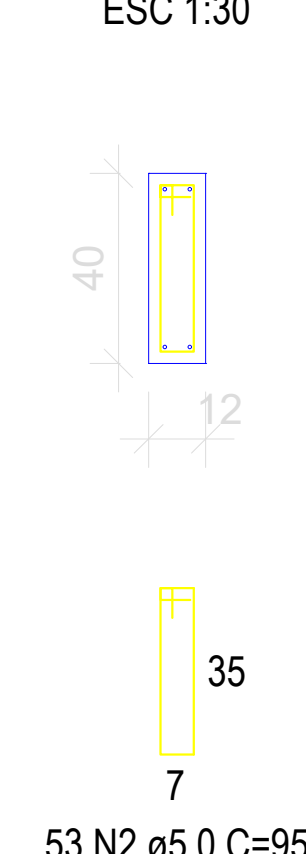


V21 (12 x 40)

ESC 1:75

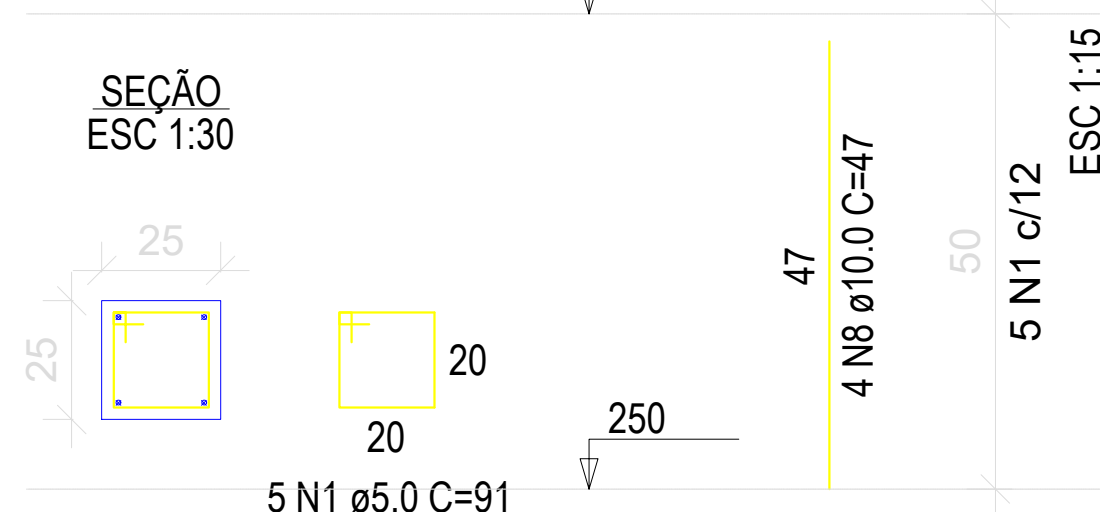


SEÇÃO A-A
ESC 1:30



P21=P22=P23=P24=P25=P26=
=P27=P28=P29=P30

COBERTURA GALPAO - L3



RELAÇÃO DO AÇO

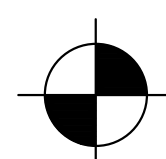
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	50	91	4550
CA50	2	5.0	174	95	16530
	3	8.0	4	773	3092
	4	8.0	4	807	3228
	5	8.0	4	1173	4692
	6	8.0	4	1070	4280
	7	8.0	4	180	720
	8	10.0	40	47	1880

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	160.1	69.5
CA60	10.0	18.8	12.7
CA60	5.0	210.8	35.7
PESO TOTAL (kg)			
CA50	82.2		
CA60	35.7		

Volume de concreto (C-30) = 2.19 m³

Área de forma = 40.99 m²



Planta Baixa - Projeto Estrutural

Escala: 1/75

Prefeitura Municipal de Tijucas



PREFEITURA MUNICIPAL DE TIJUCAS
SECRETARIA DE OBRAS

AMPLIAÇÃO ESCOLA BRILHO DO SOL
RUA ESTEVÃO CAETANO RITA, BAIRRO JOAIA, TIJUCAS - SC.

Projeto Estrutural

Juelmir

08/09/2020

Indicada

0808