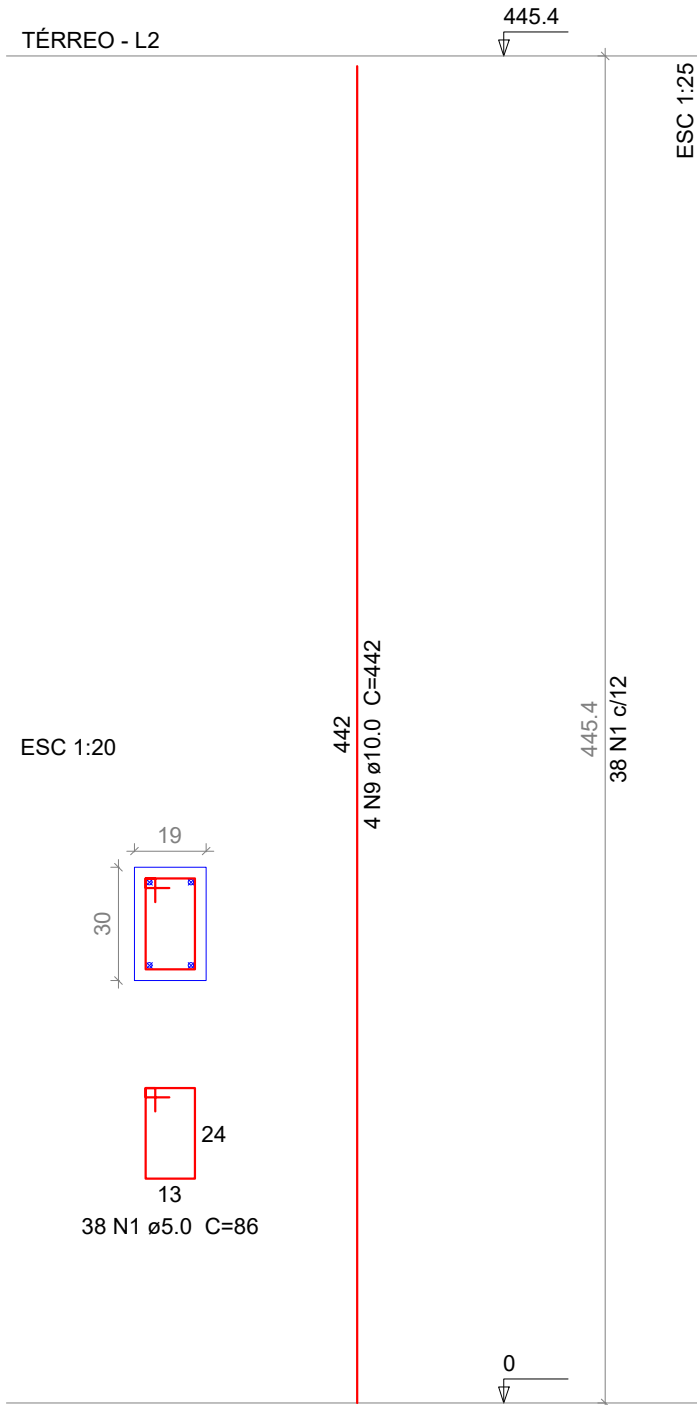
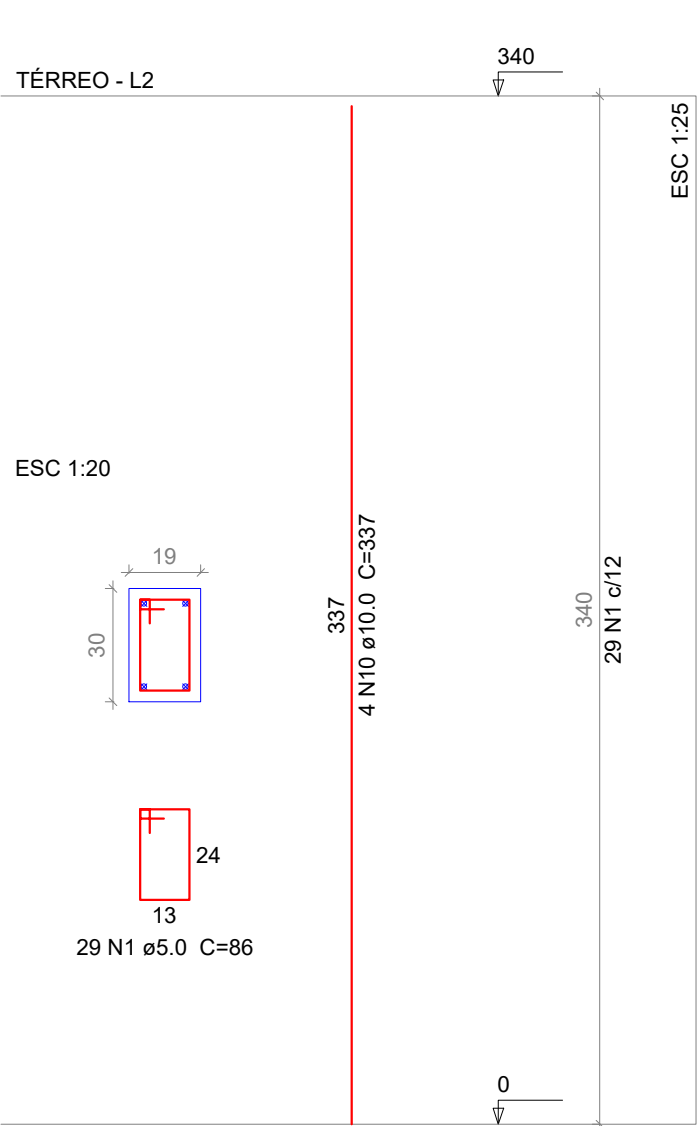


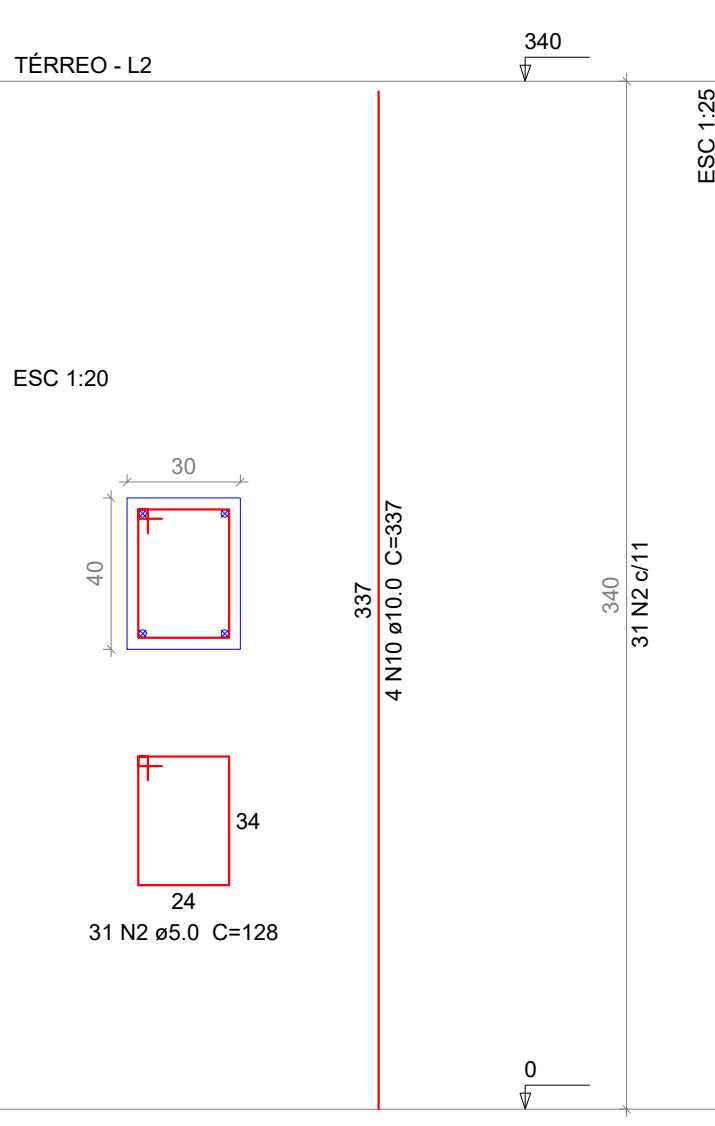
P01=P11



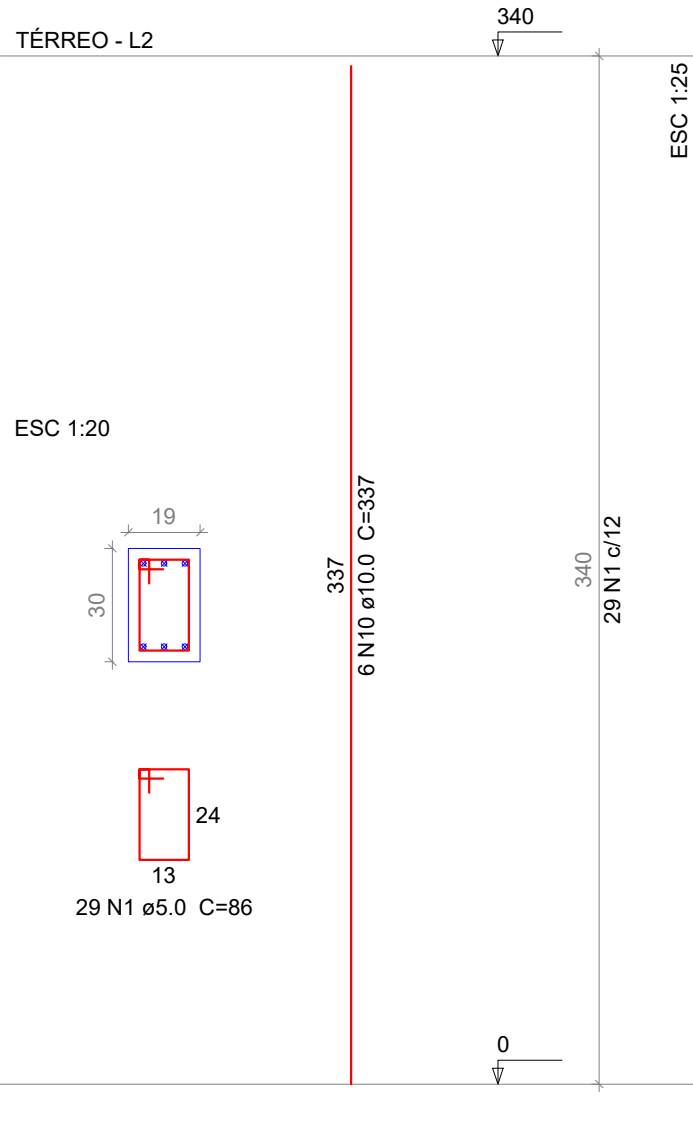
P02=P03=P04=P05
P07=P08=P09=P35
P36=P37=P55=P59
P60=P63=P64=P65
P66=P67



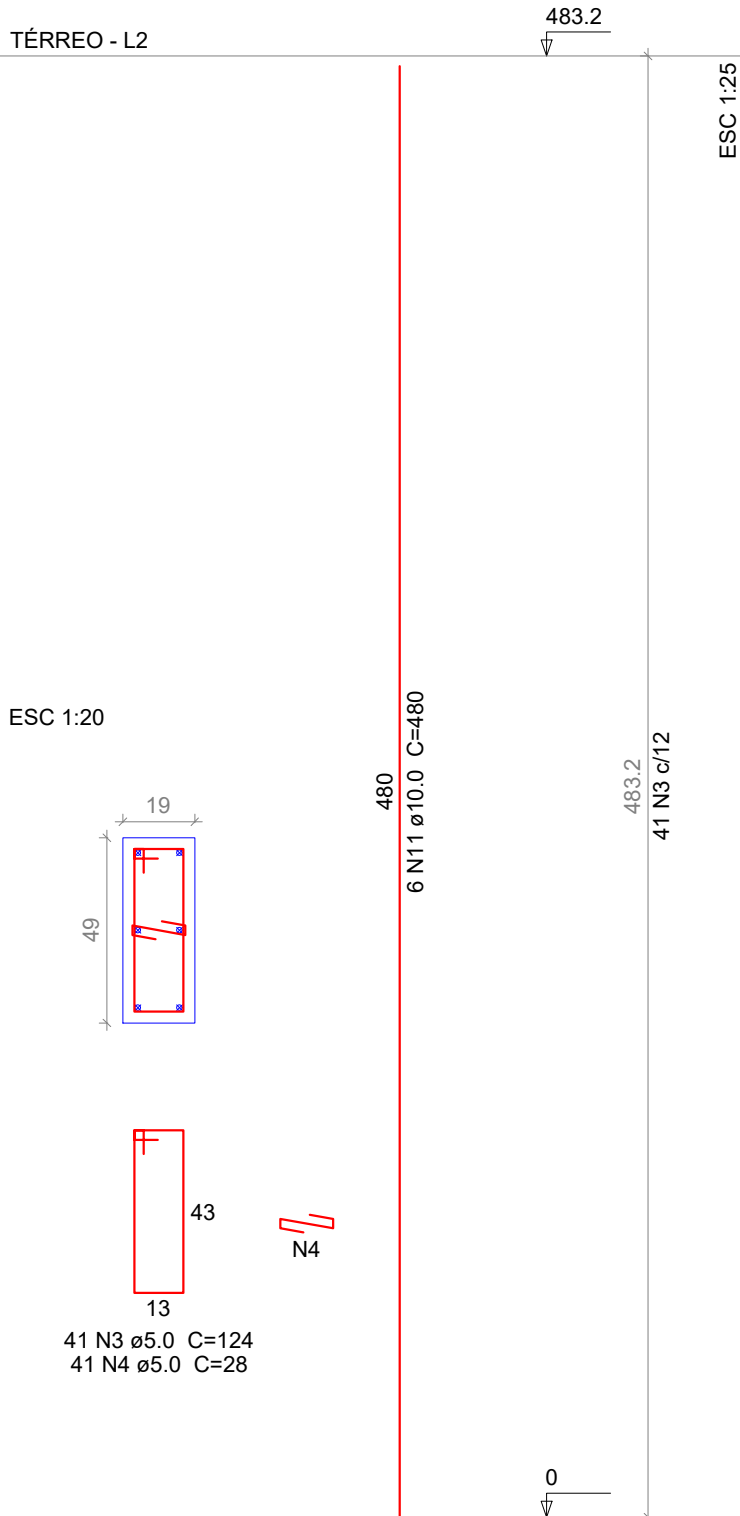
P06



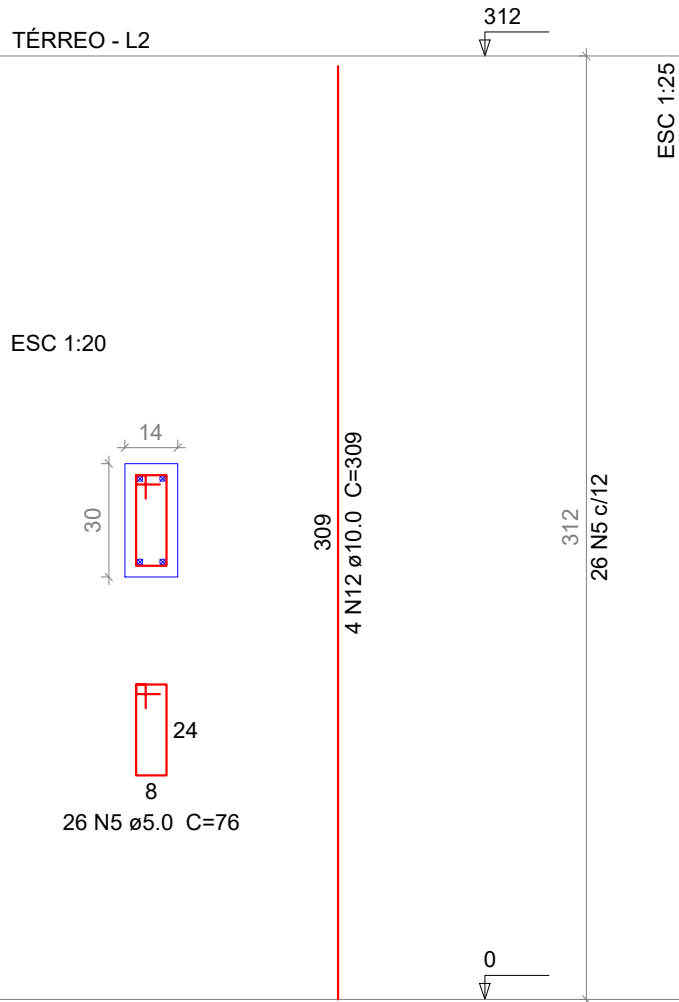
P10=P61



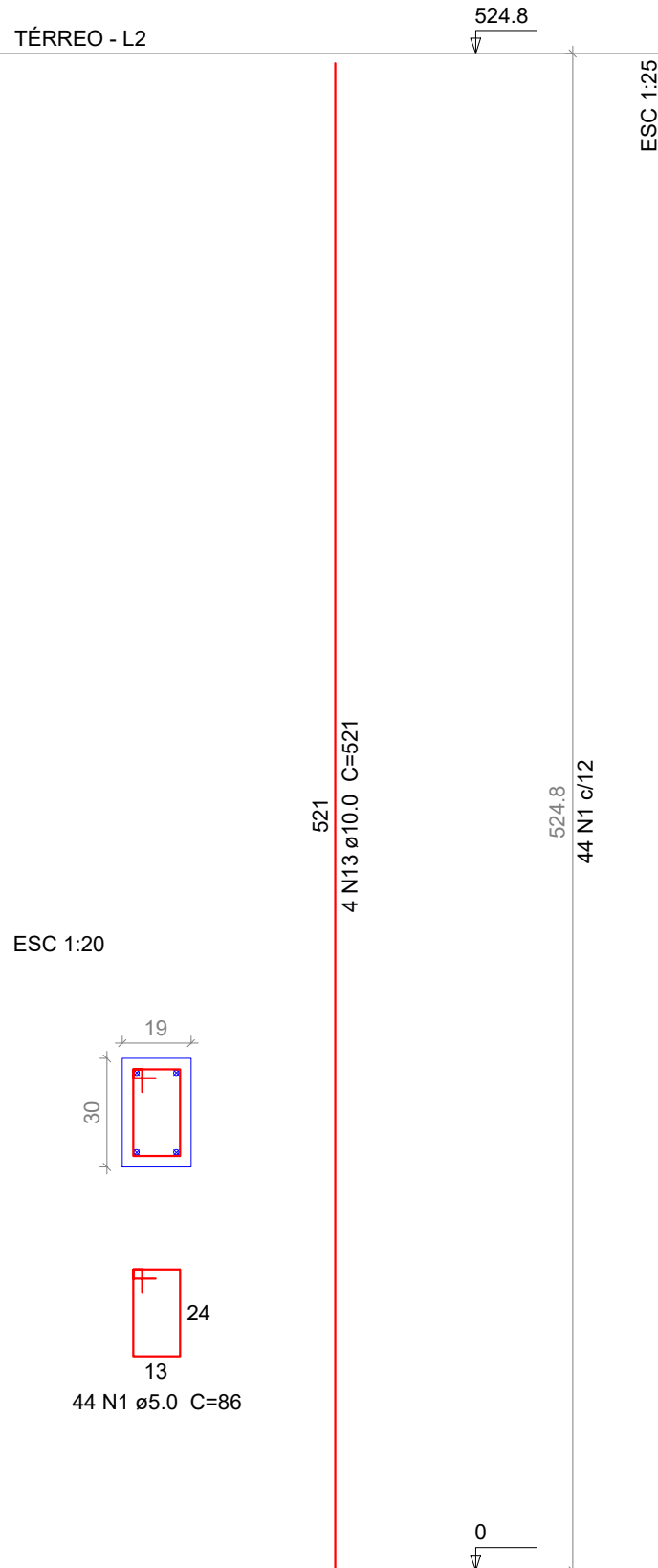
P12



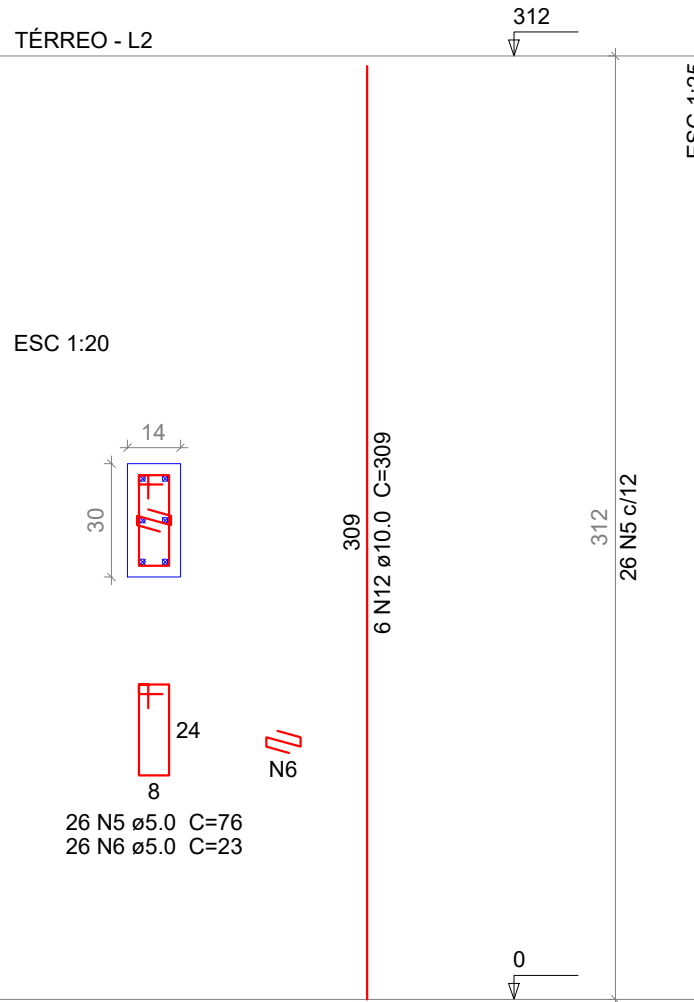
P13=P14=P15=P16
P17



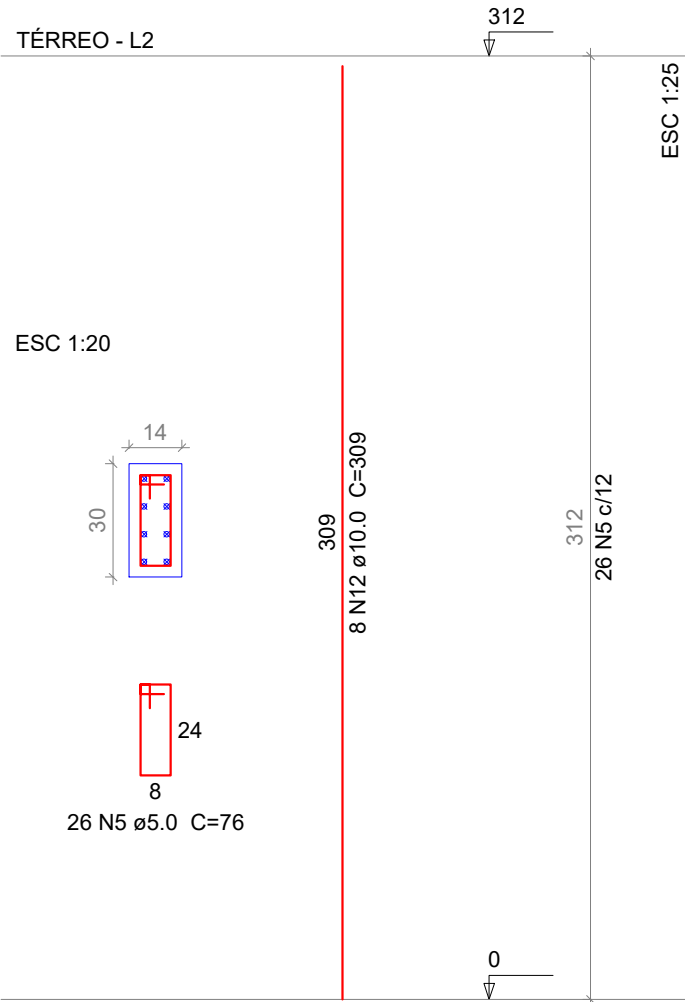
P18



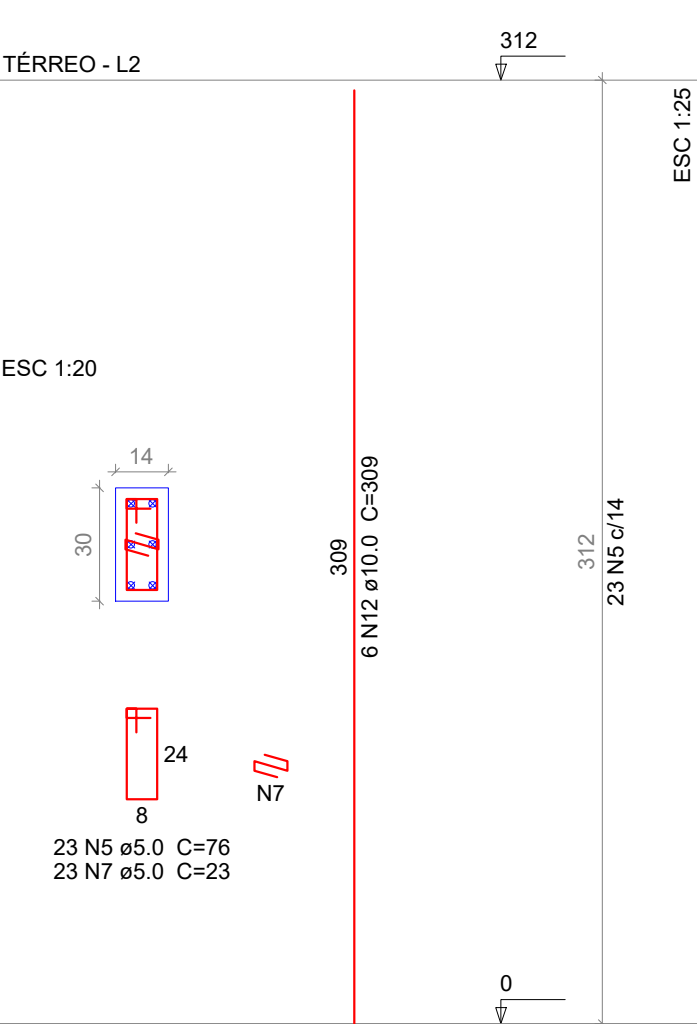
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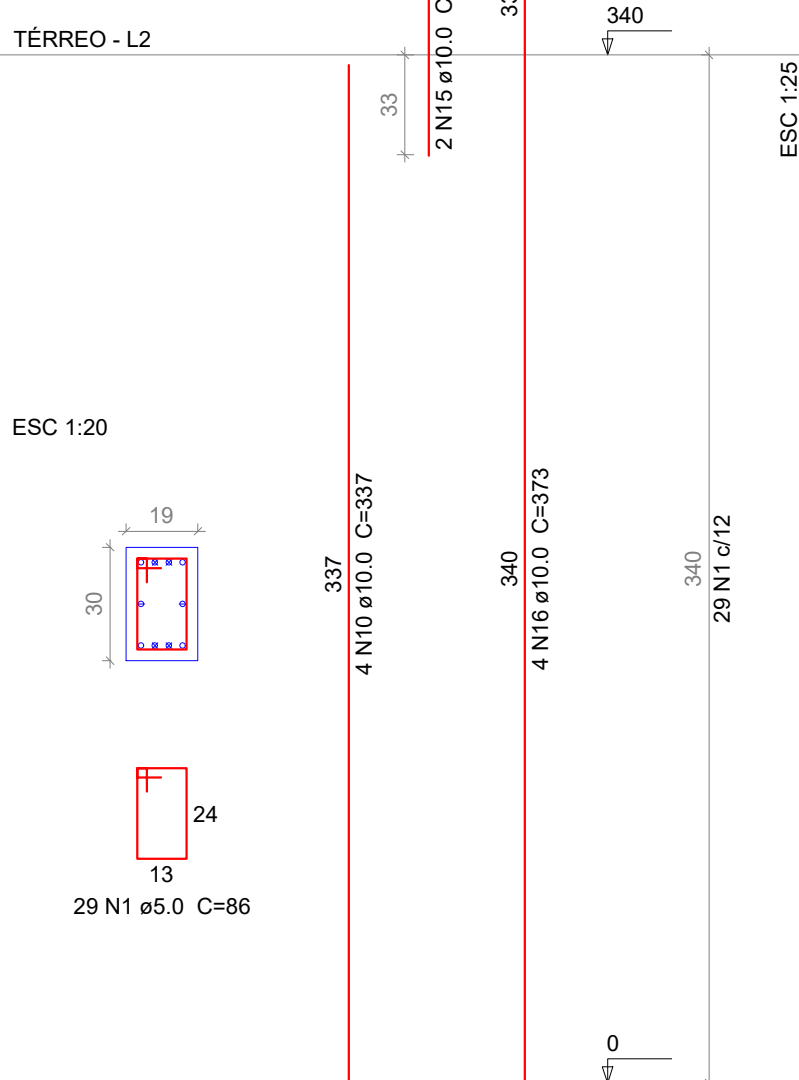
P21



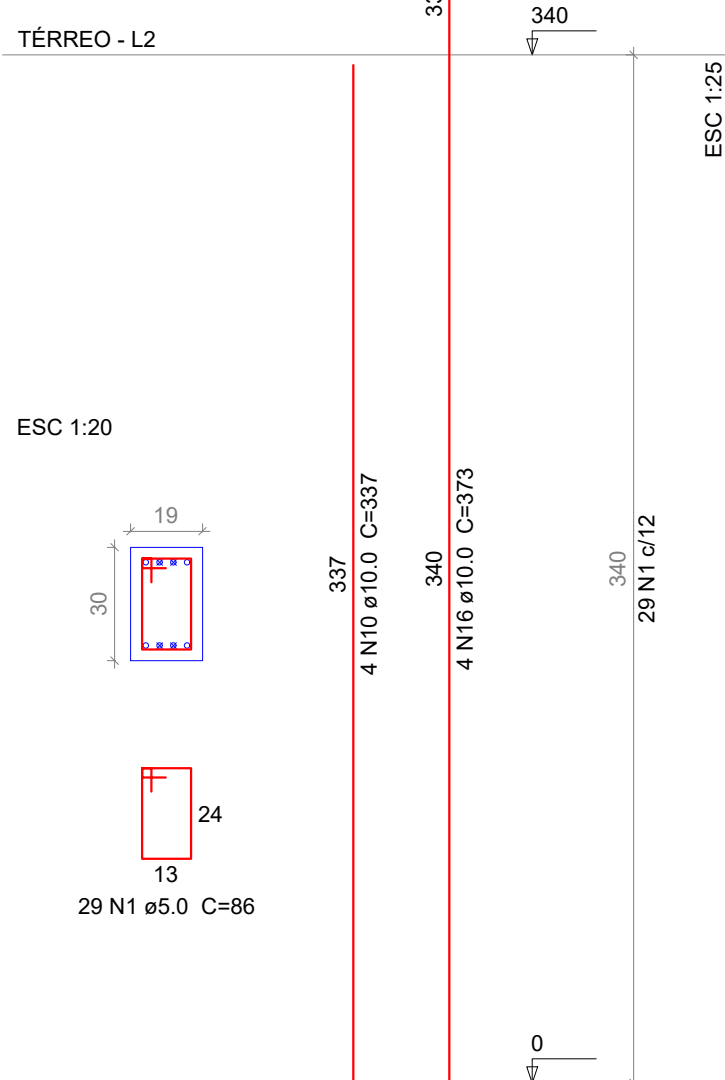
P23



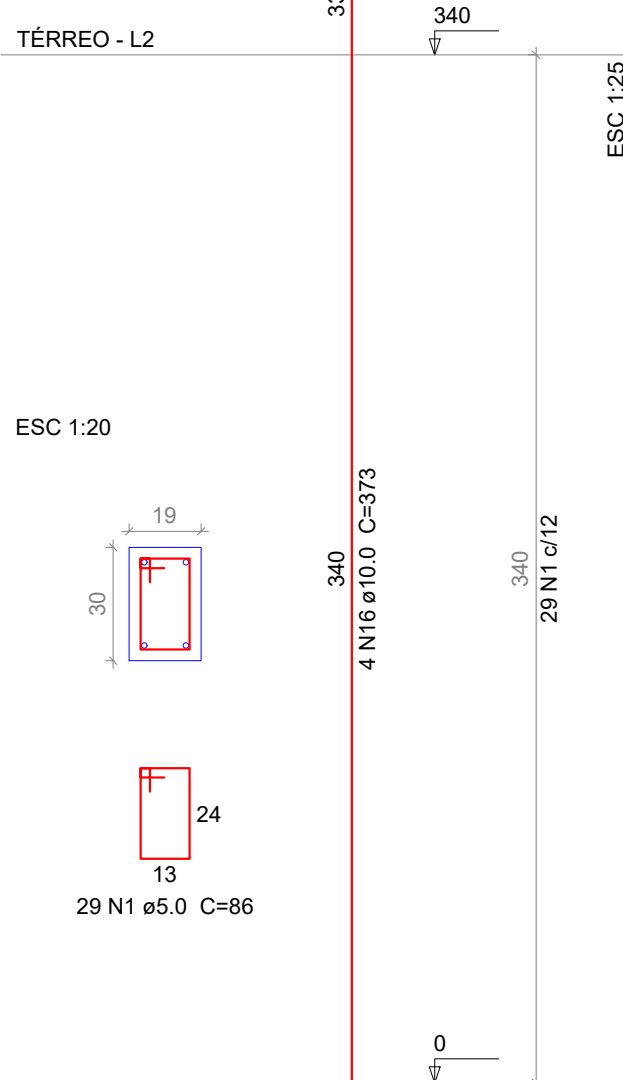
P24



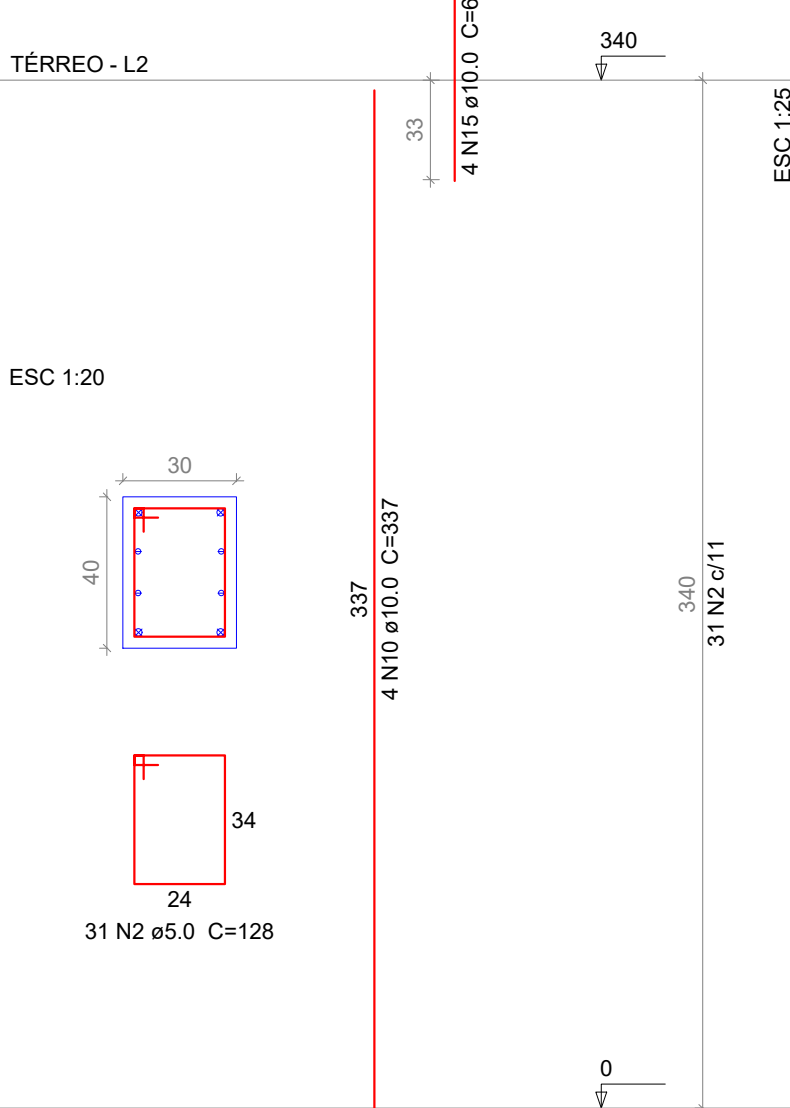
P25=P38=P39



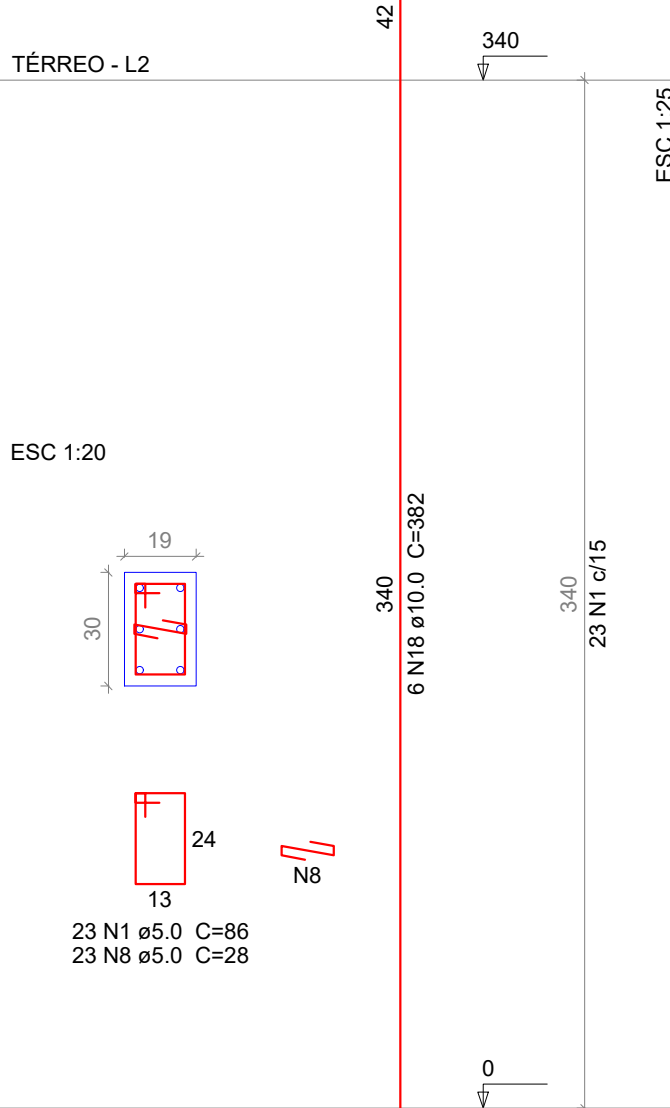
P26=P27=P28=P30
P31=P32=P40=P44
P45=P46



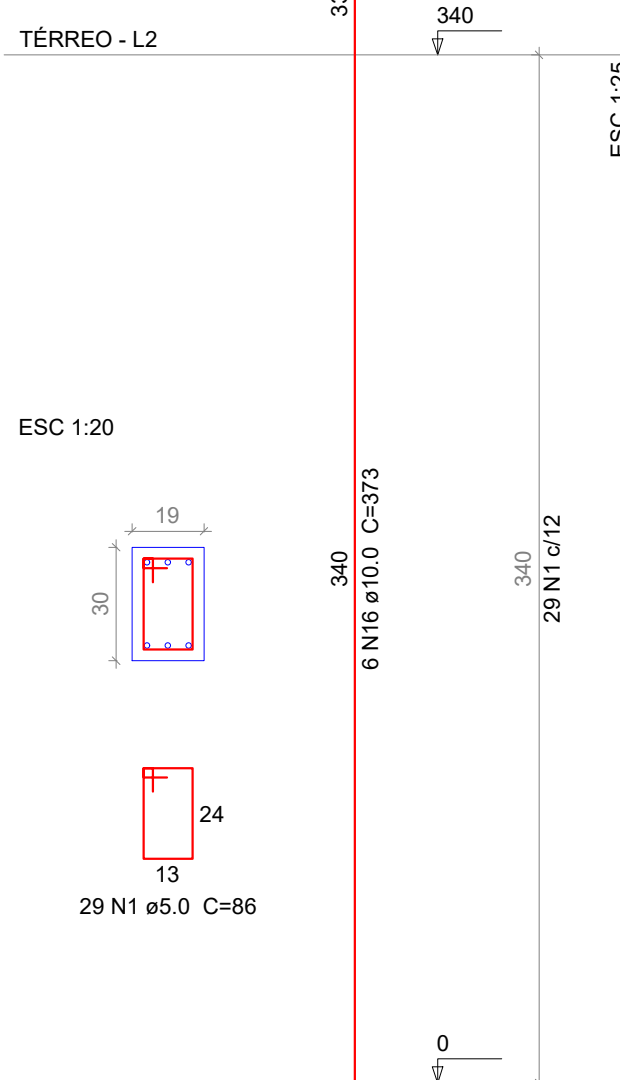
P29=P43



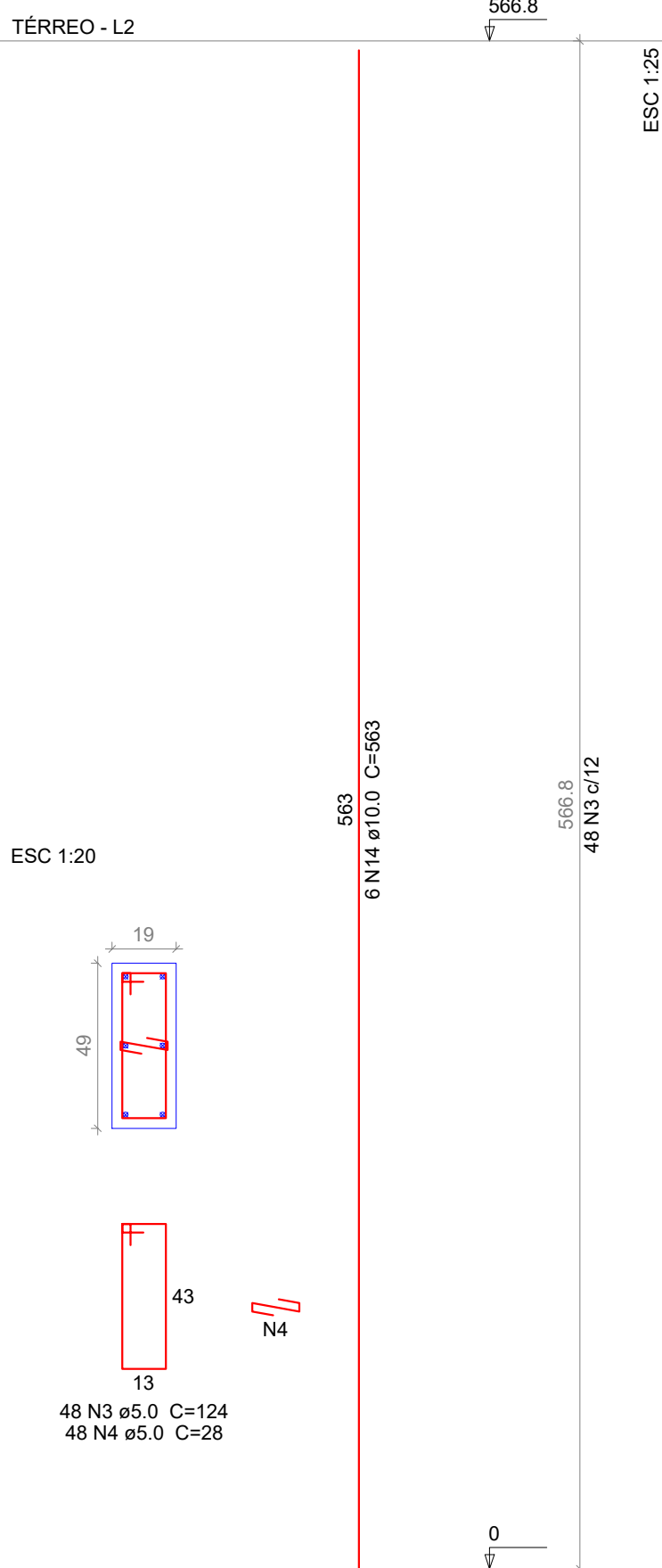
P33



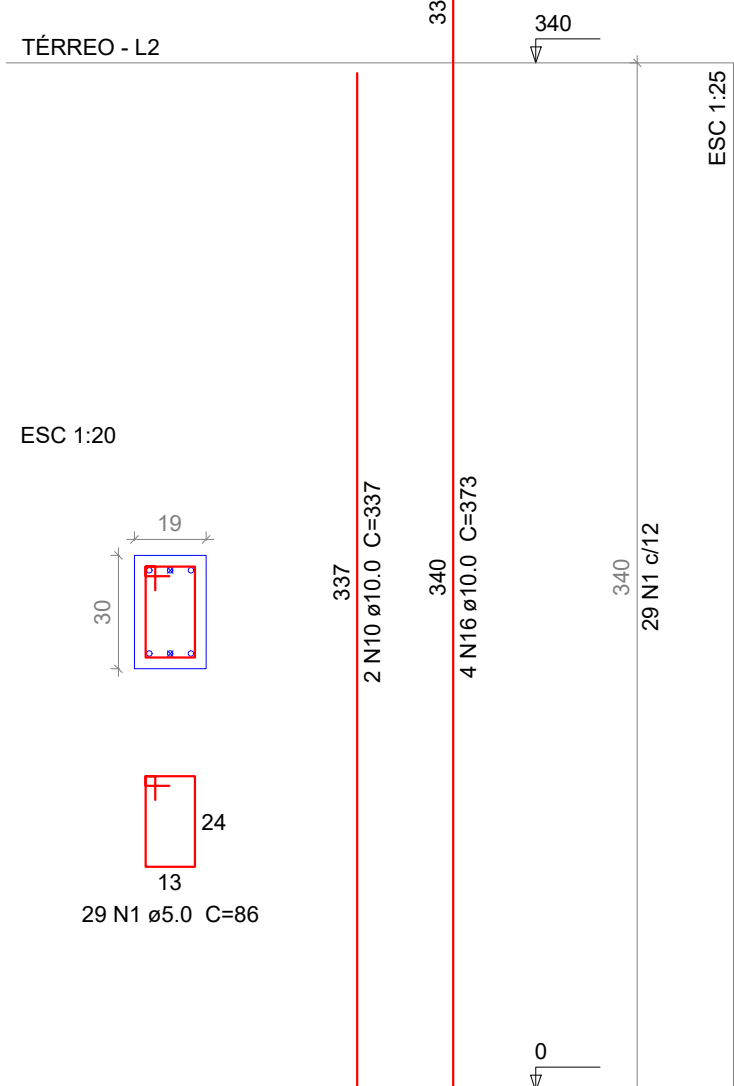
P34=P41=P42



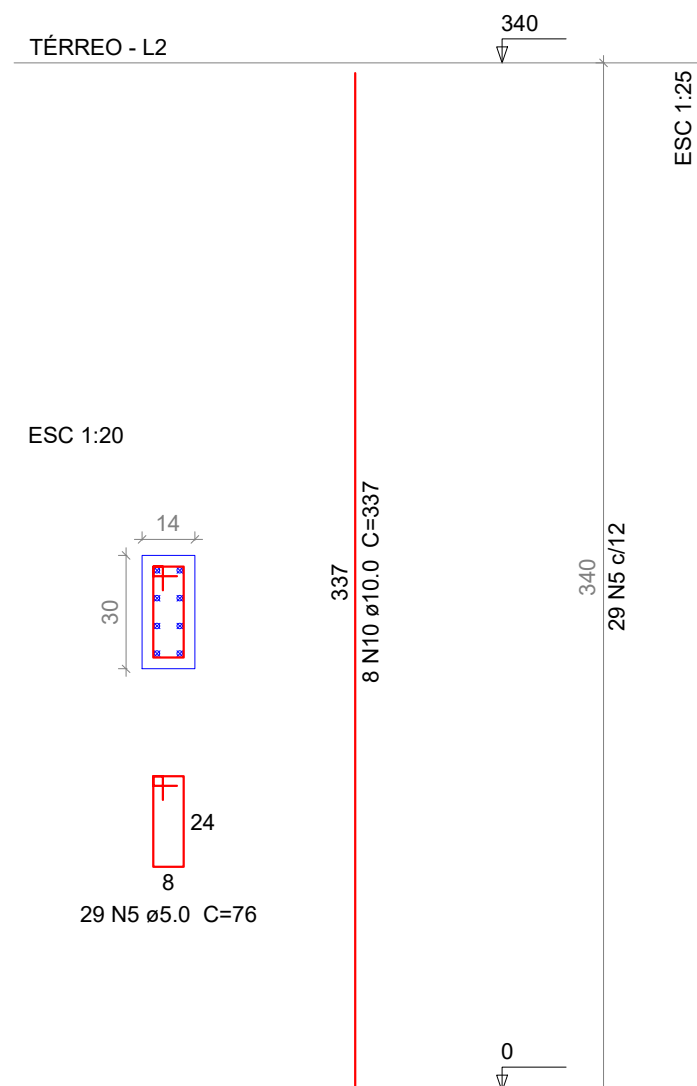
P22



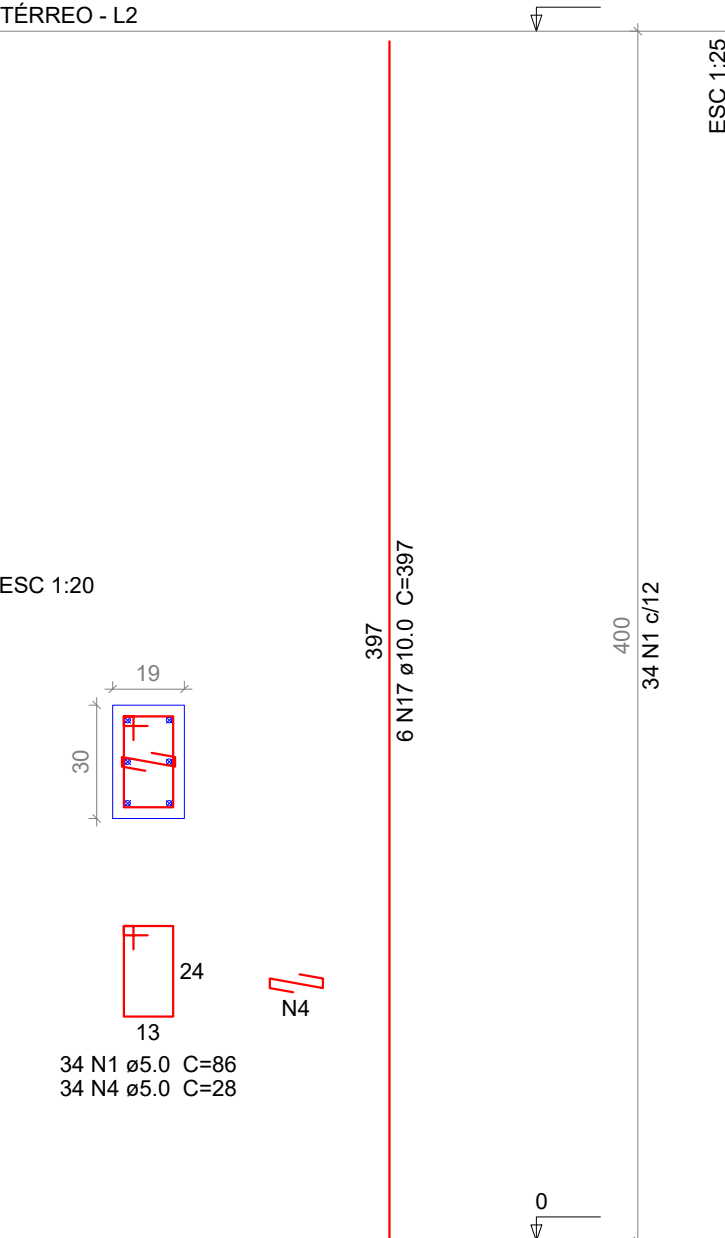
P47=P48



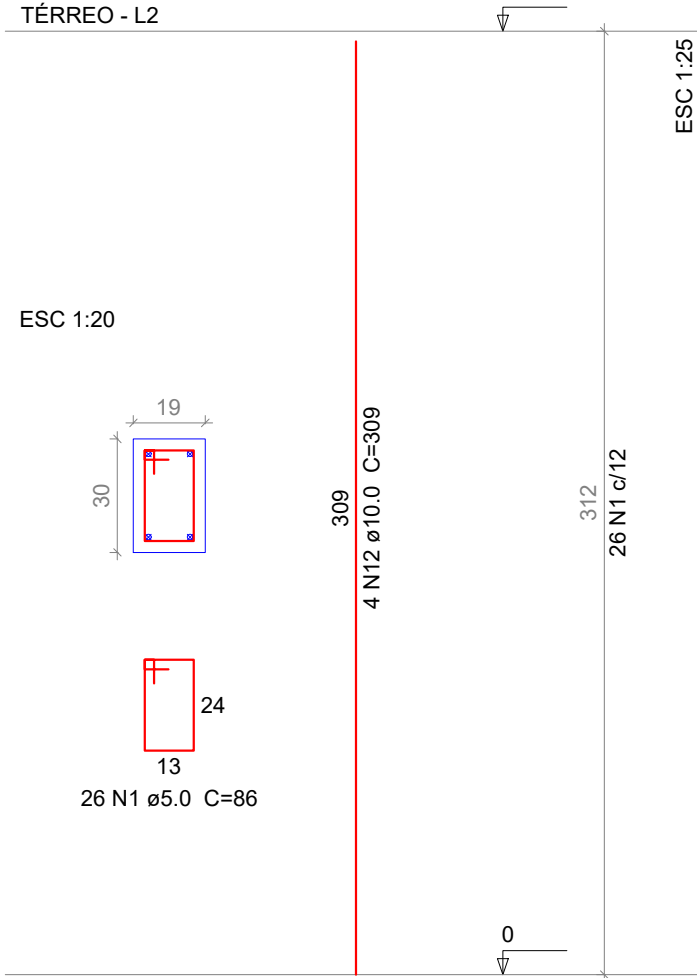
P49=P50=P52



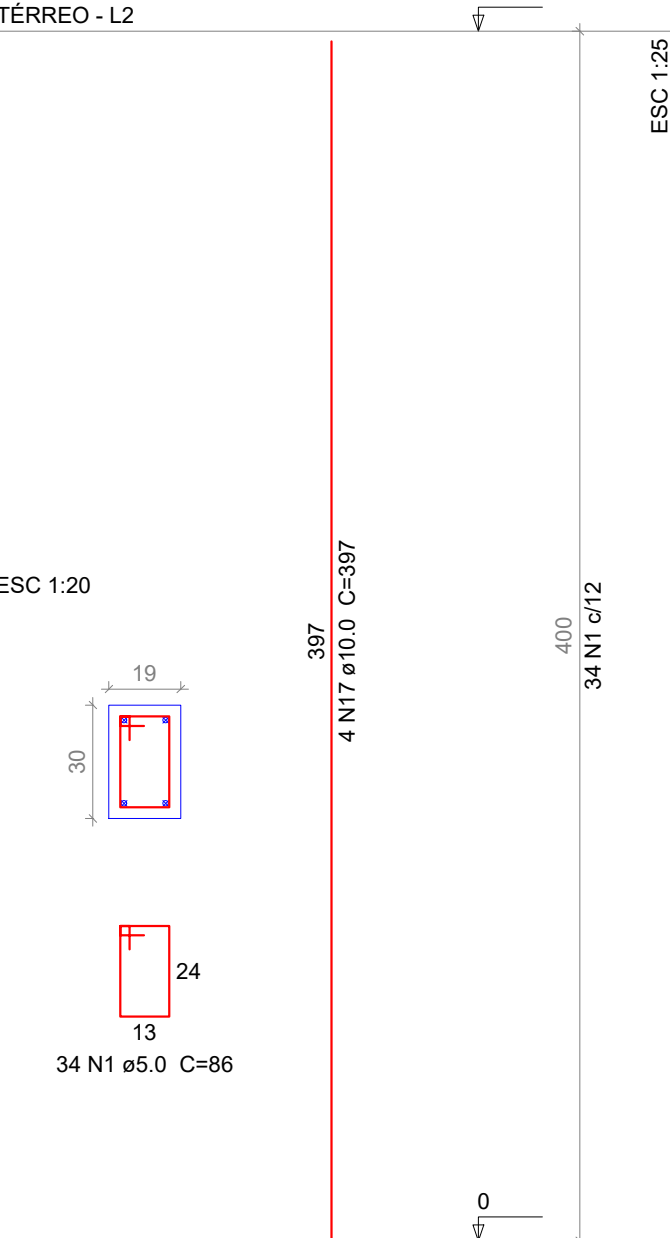
P51



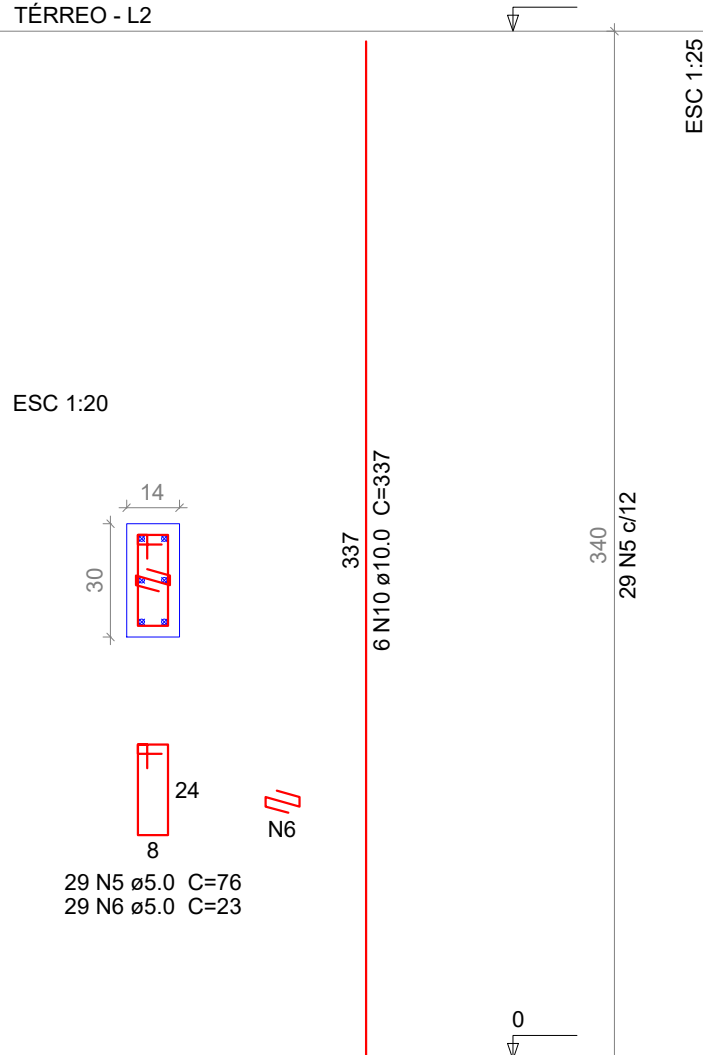
P53=P54



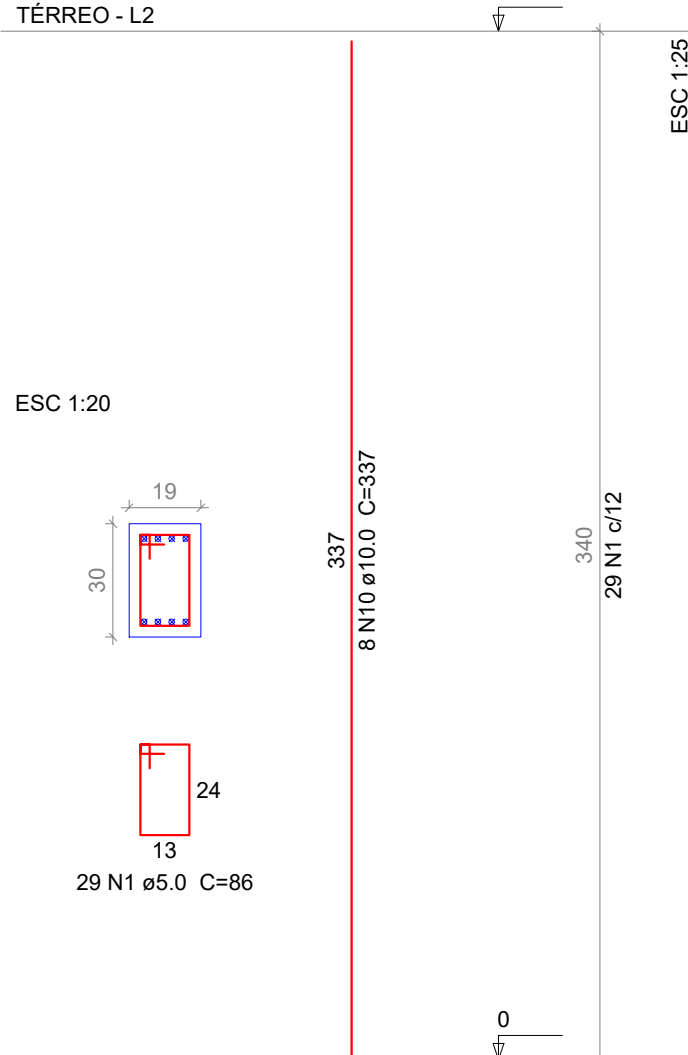
P56=P58=P68



P57



P62



Relação do aço

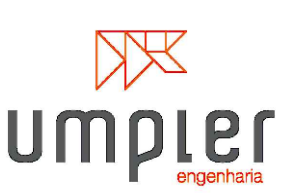
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C TOTAL (cm)
CA60	1	5.0	1491	86	128226
	2	5.0	88	128	11504
	3	5.0	89	124	11036
	4	5.0	123	28	3444
	5	5.0	347	76	26372
CA50	6	5.0	81	23	1863
	7	5.0	23	23	509
	8	5.0	23	28	644
	9	10.0	6	442	2656
	10	10.0	154	337	51888
	11	10.0	6	490	2940
	12	10.0	54	309	16696
	13	10.0	4	521	2084
	14	10.0	6	563	3378
	15	10.0	10	67	670
	16	10.0	82	373	30586
	17	10.0	18	397	7146
	18	10.0	6	382	2292

Resumo do aço

AÇO	DIAM (mm)	C TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	1211.8	13
CA60	5.0	1840.2	839.6
PESO TOTAL (kg)			839.6
CA50			839.6
CA60			323.9

Volume de concreto (C=30) = 14.14 m³
Área de forma = 239.62 m²

Prefeitura Municipal de São Carlos
Secretaria Municipal de Habitação e Desenvolvimento Urbano



Construção CEMEI Água Vermelha - Padrão (FDE - 150 alunos)

Endereço: Av. Dr. Ernesto Pereira Lopes, s/n - Distrito de Água Vermelha

Município - UF: São Carlos, SP.

Proprietário: Prefeitura Municipal de São Carlos

Código: CEMEI-ÁGUA-VERMELHA_ESTRUTURA_FOLHA-08-22_REV.00

Responsável Técnico: Engenheiro Julio Cesar Ortiz Moran

Julio Cesar Ortiz Moran
Responsável Técnico
CREA: 5063045310

PROJETO EXECUTIVO
ESTRUTURA

Conteúdo (Descrição):

PILARES PAVIMENTO TERREO

Escalas:

Data:

Indicadas

Projeto: ESTRUTURA

Revisão: 00

Folha: 08/22

Abri / 2021