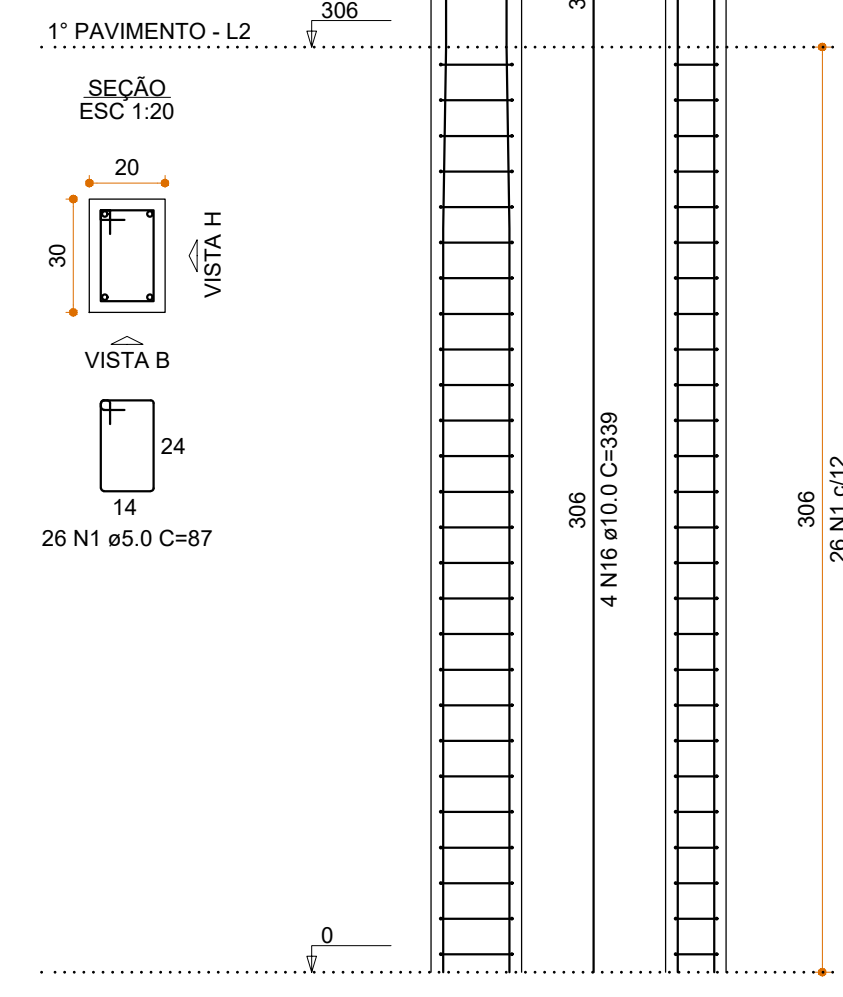
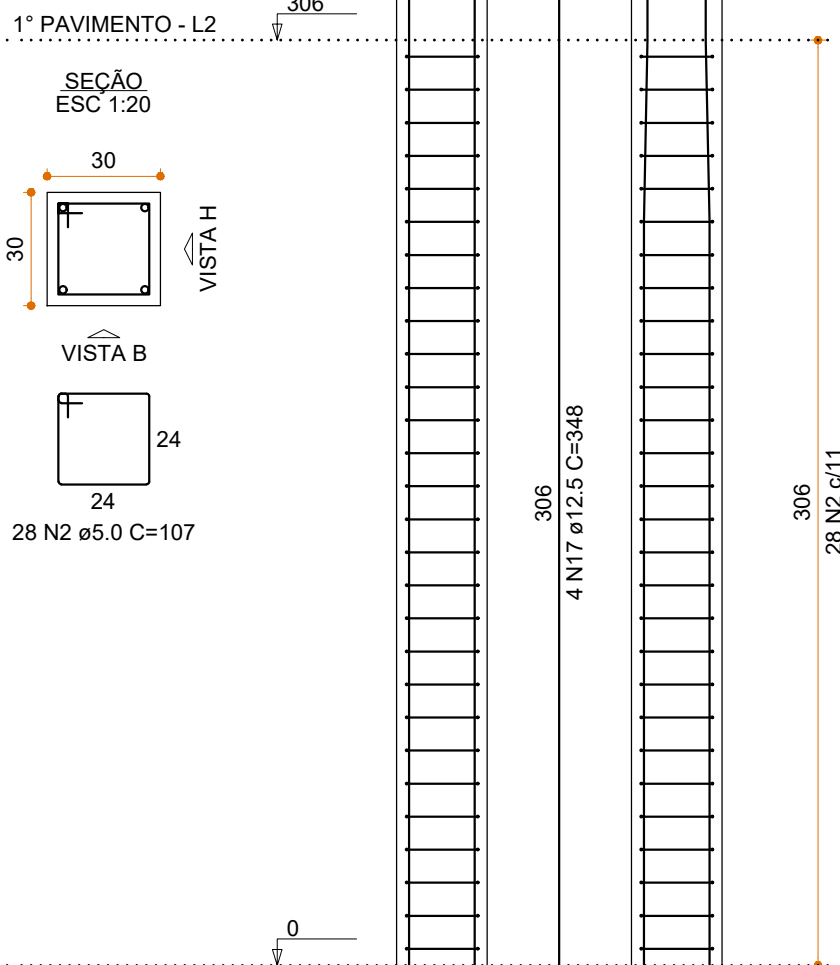


PILARES

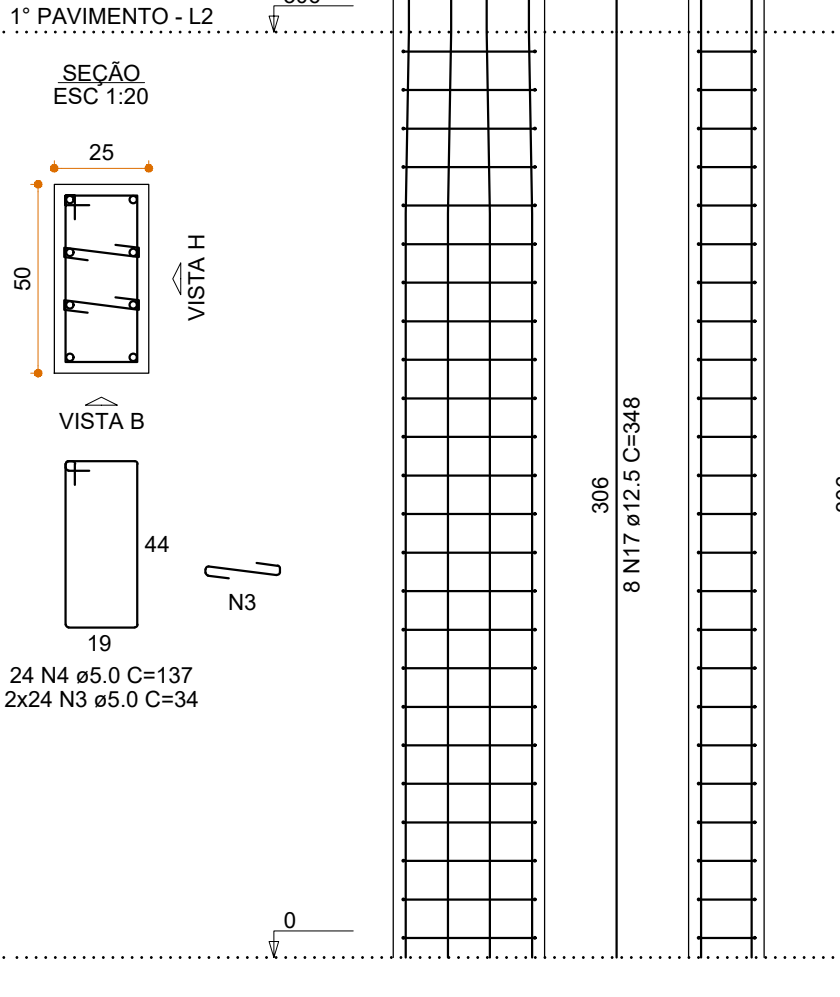
P1=P8=P16



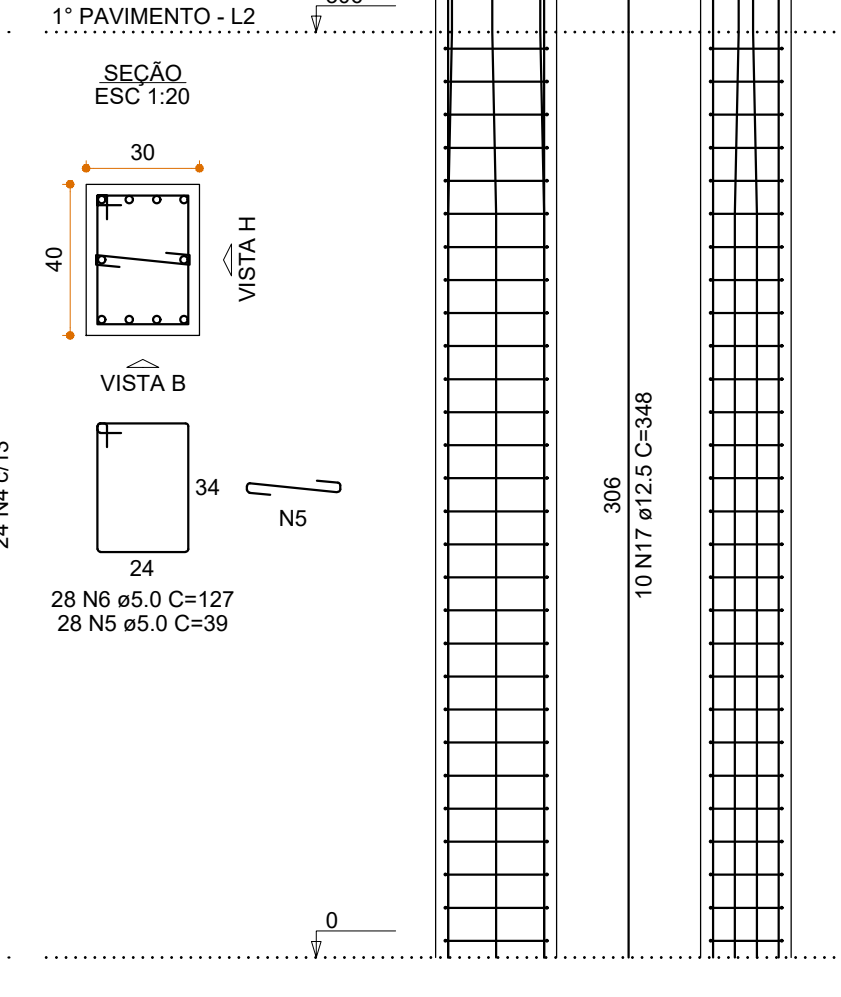
P3=P21=P45



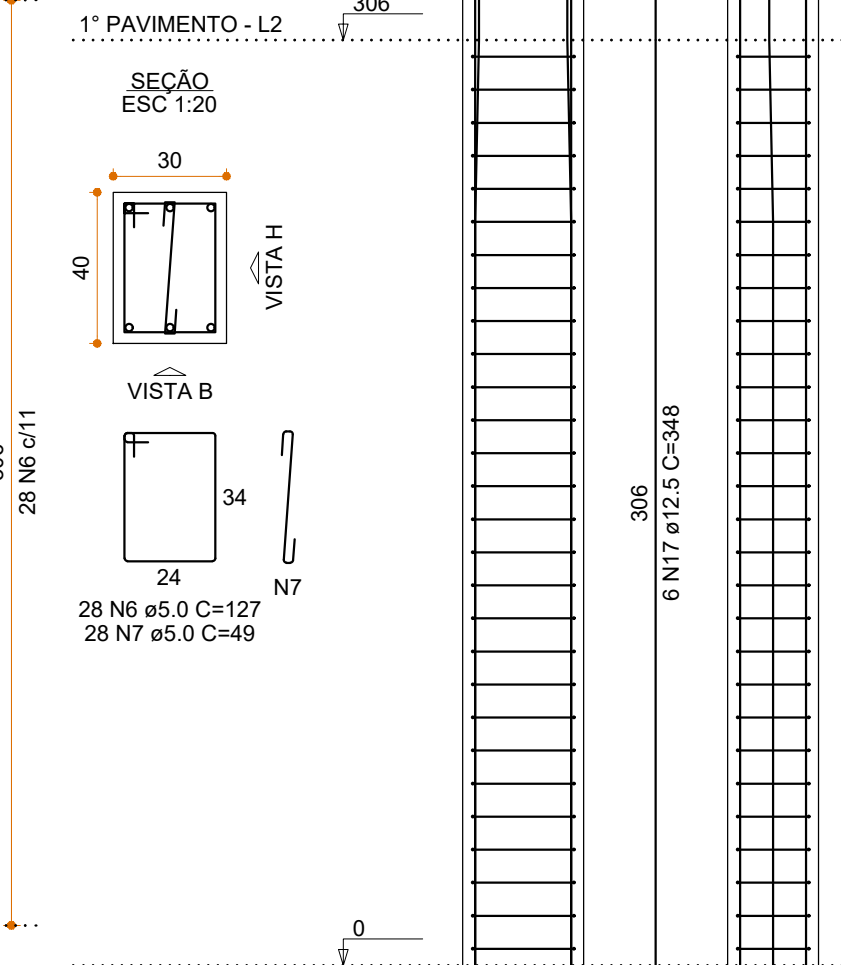
P4=P6



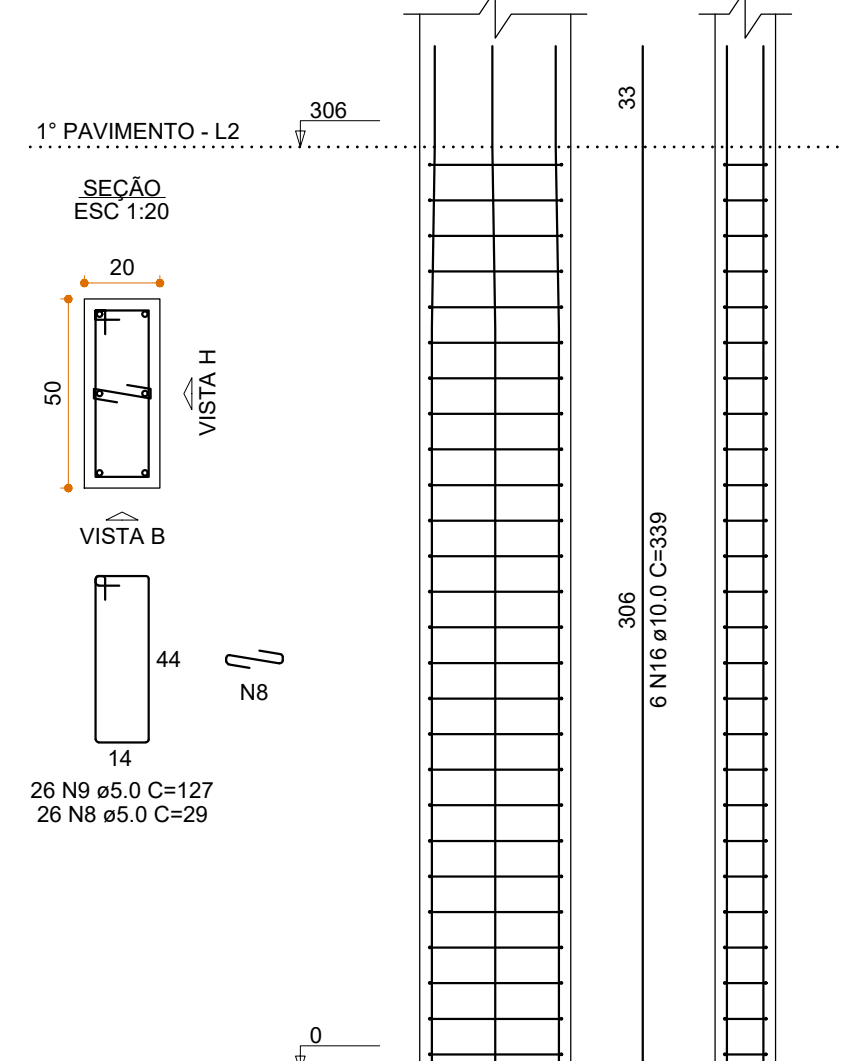
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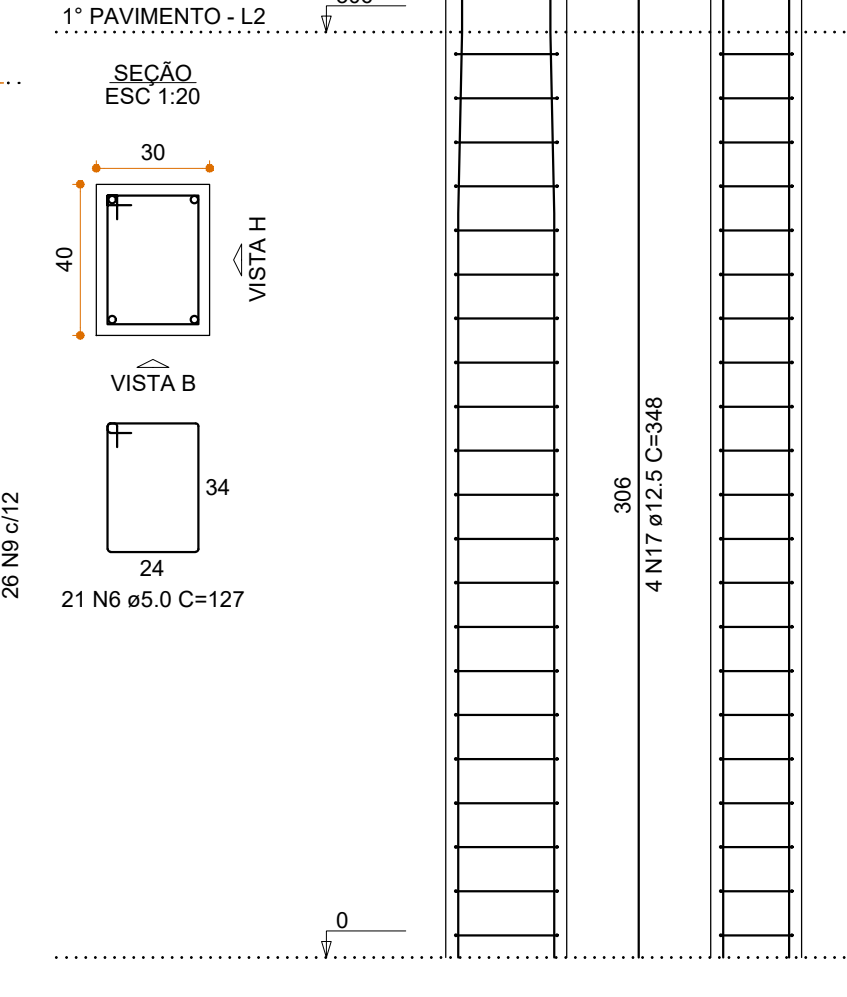
P7=P13=P44



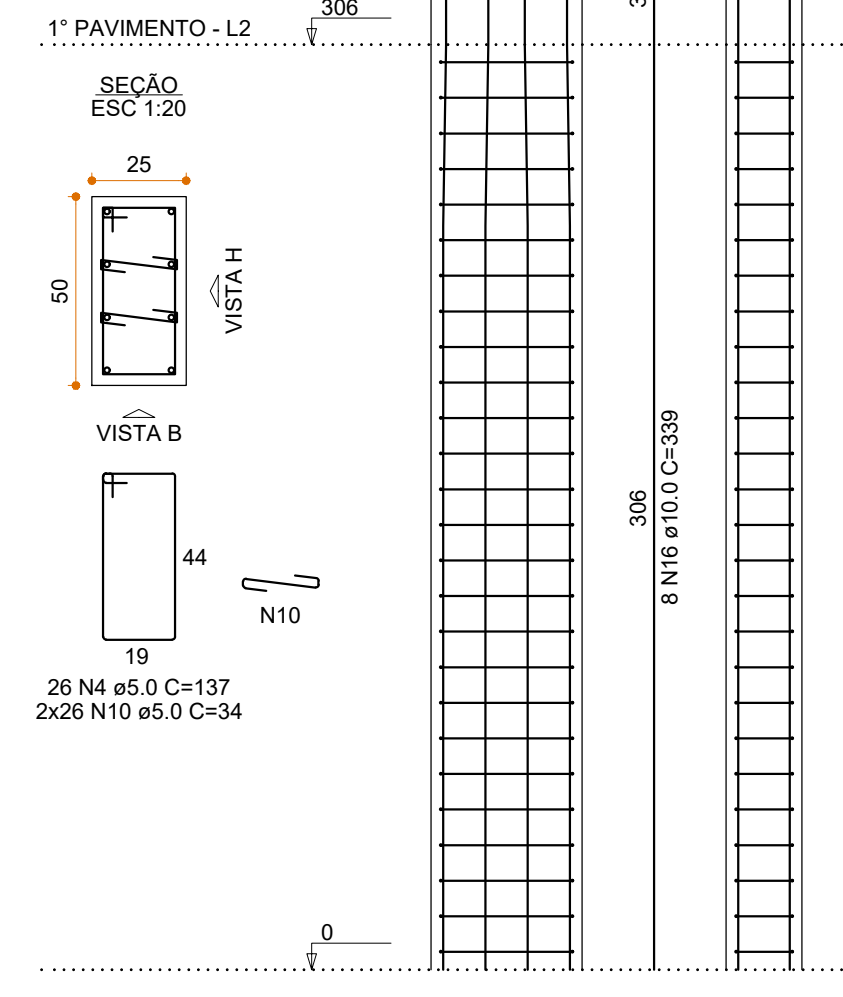
P10=P52=P53=P54=P66=P67=
=P68



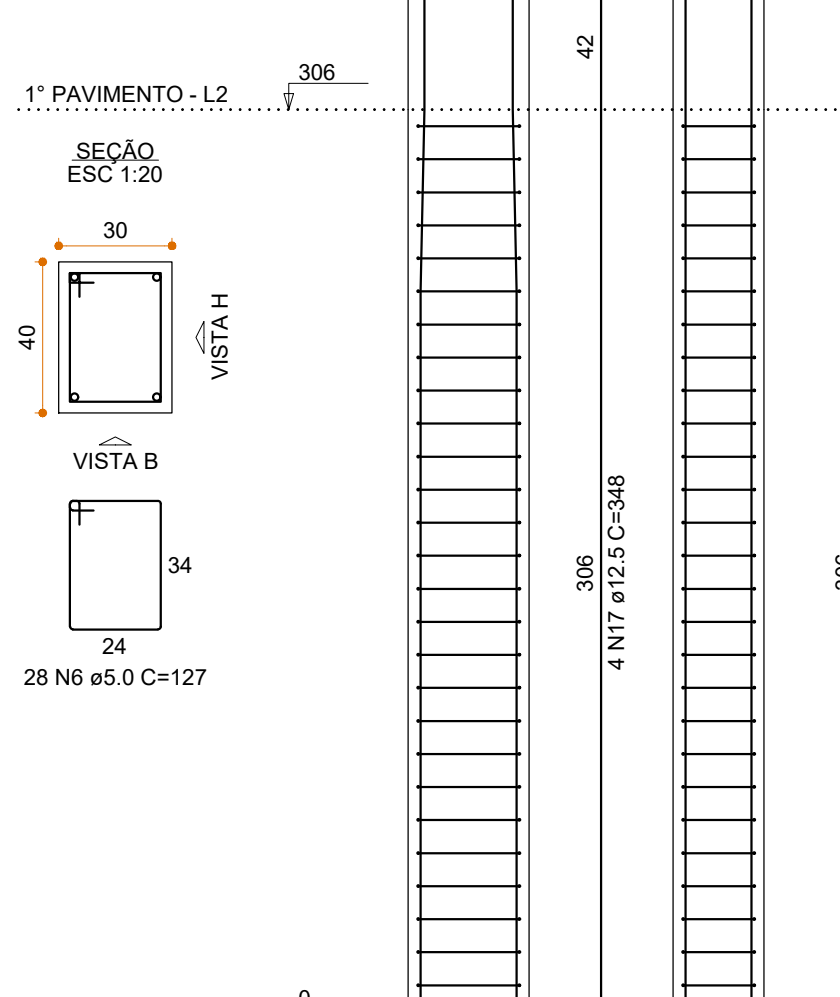
P11



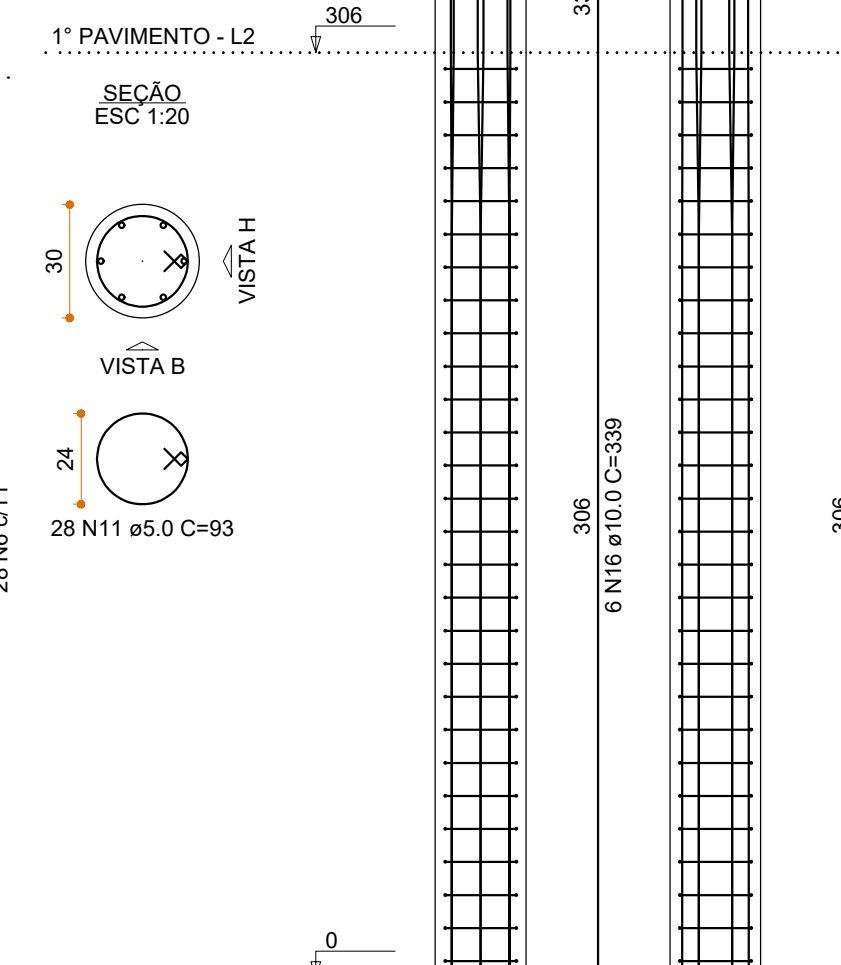
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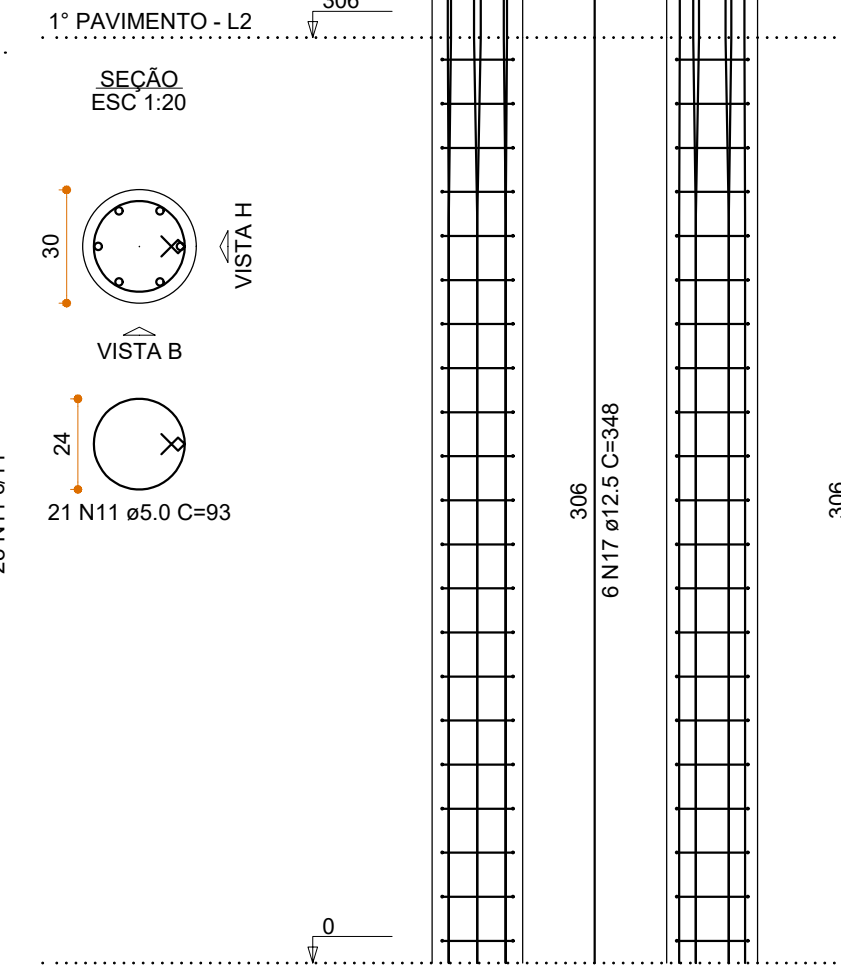
P15=P20=P22=P46



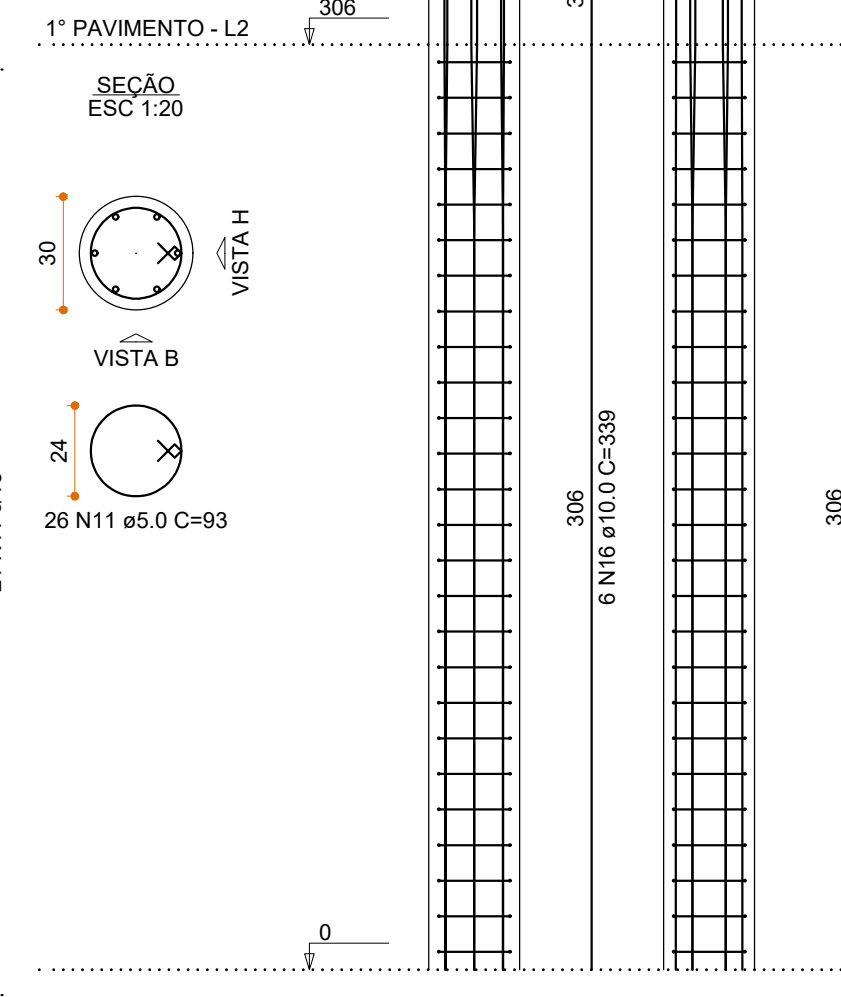
P18=P19=P29=P41=P43



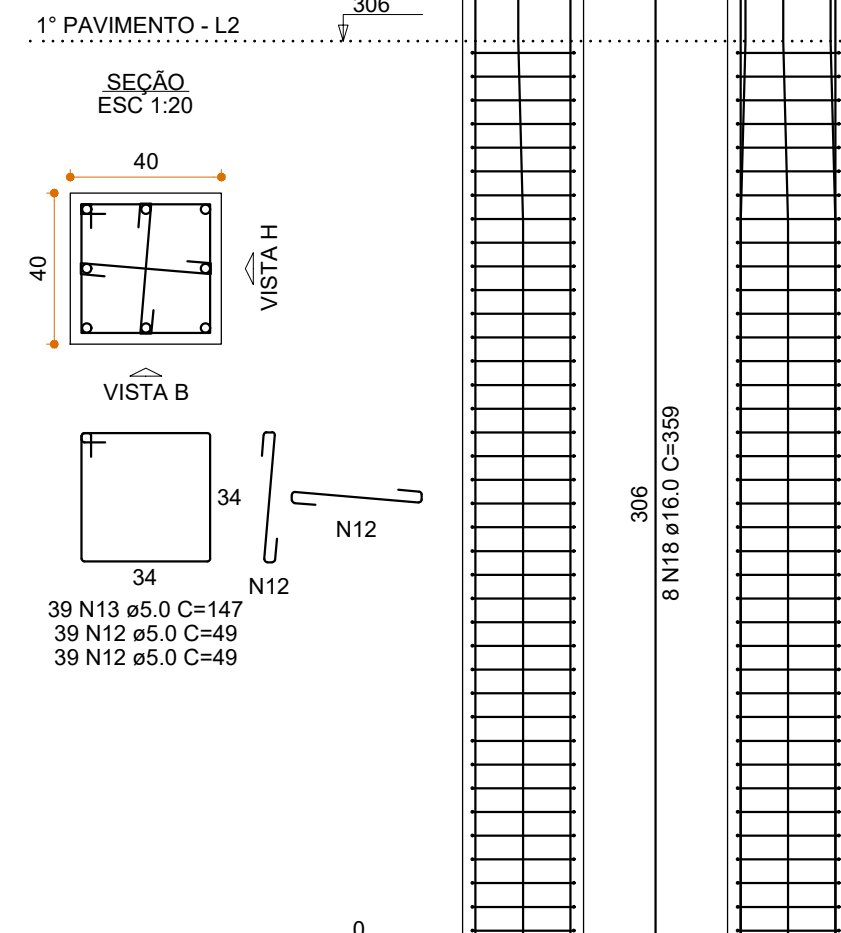
P30



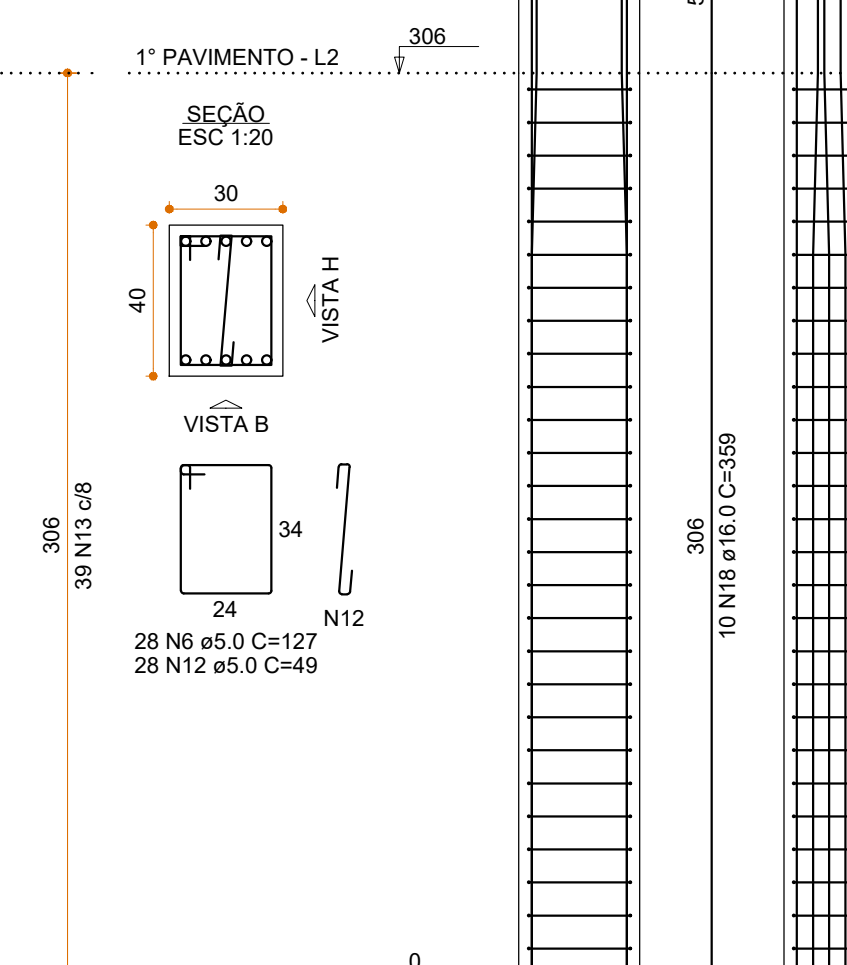
P31



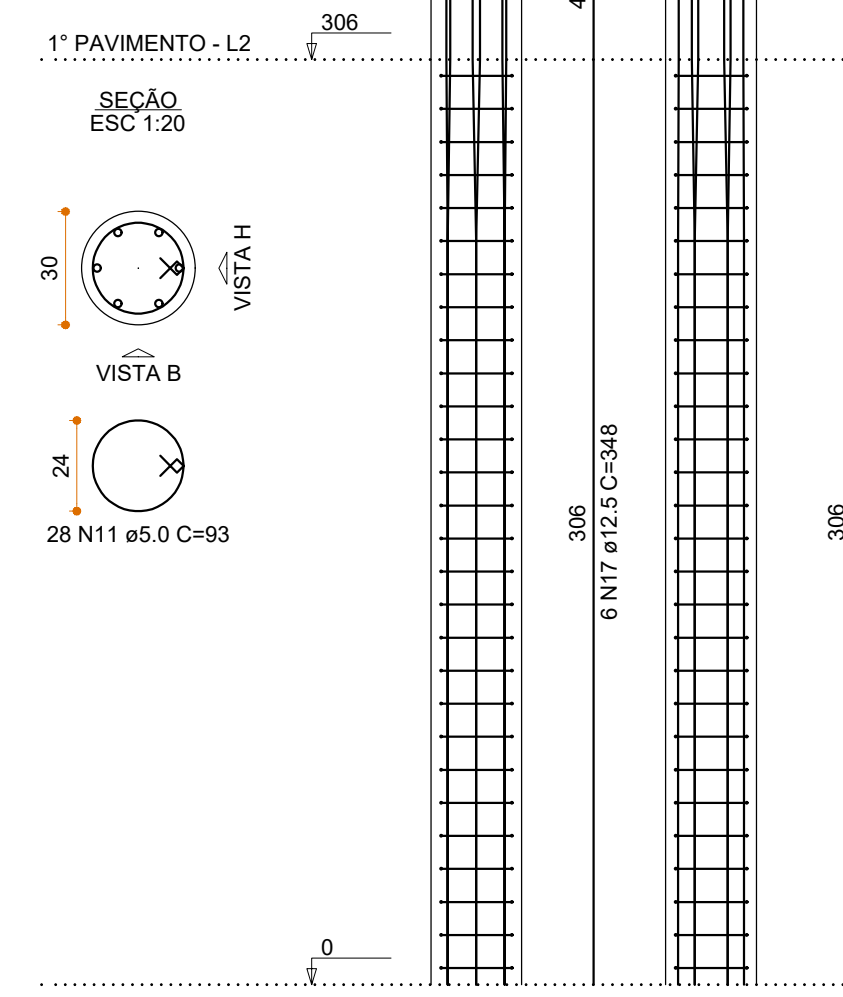
P32



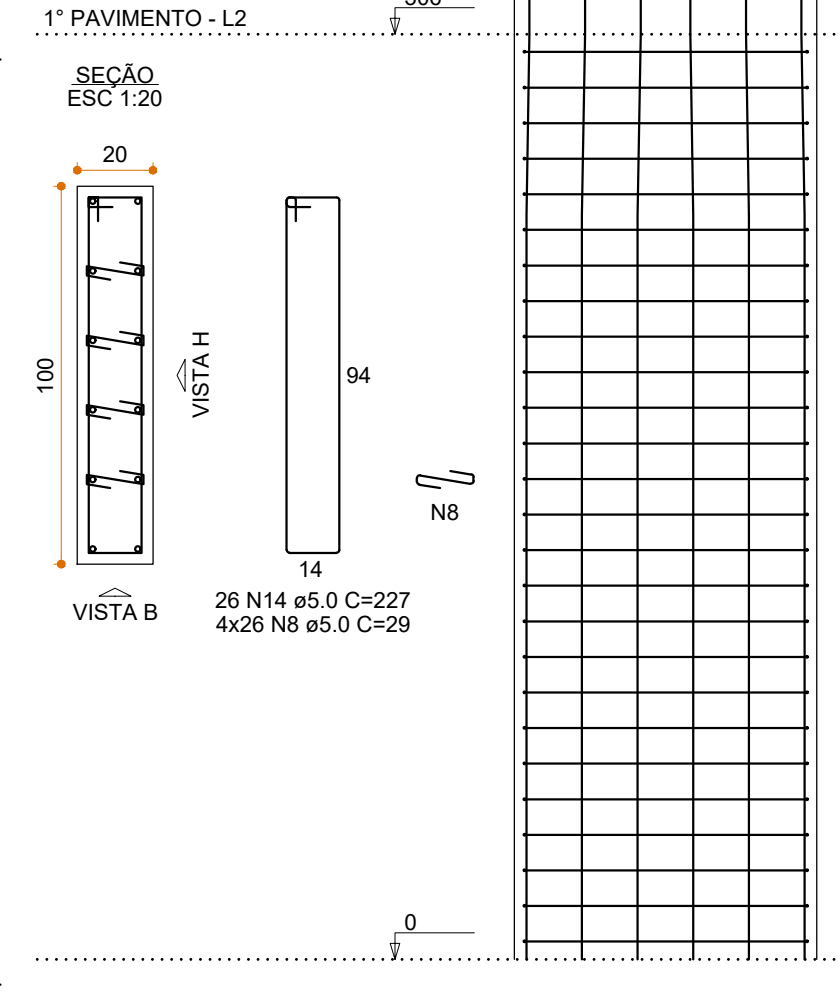
P34



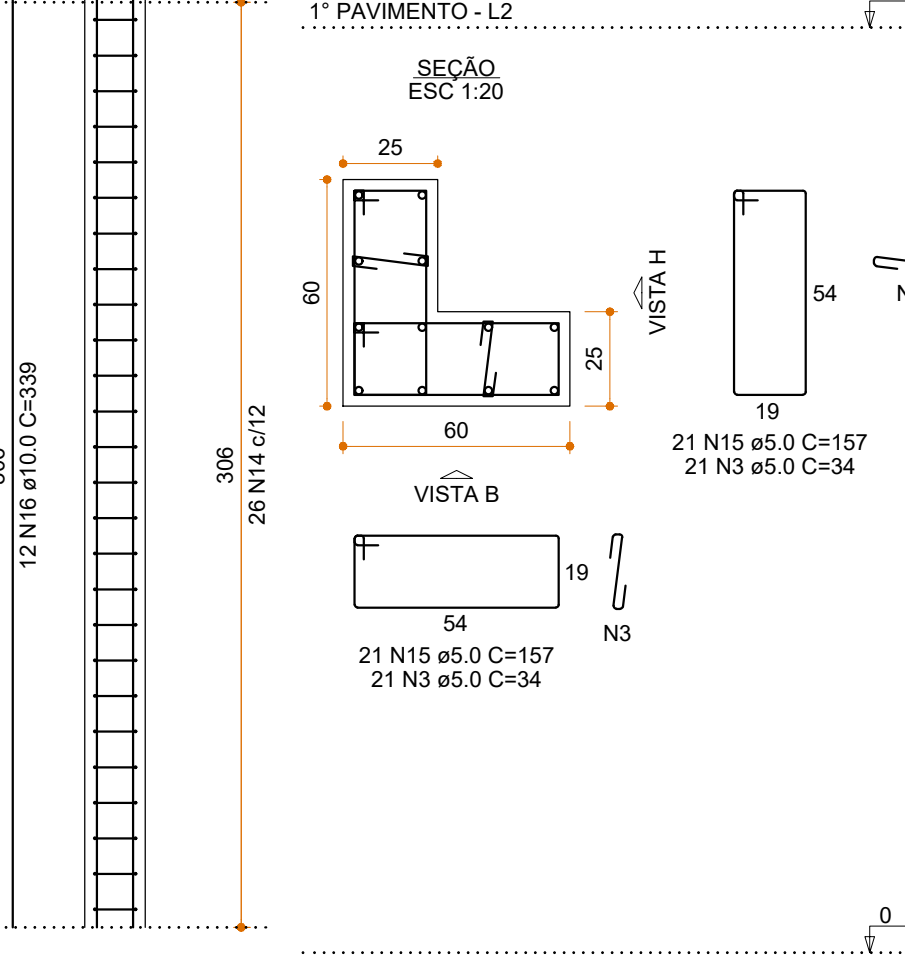
P42



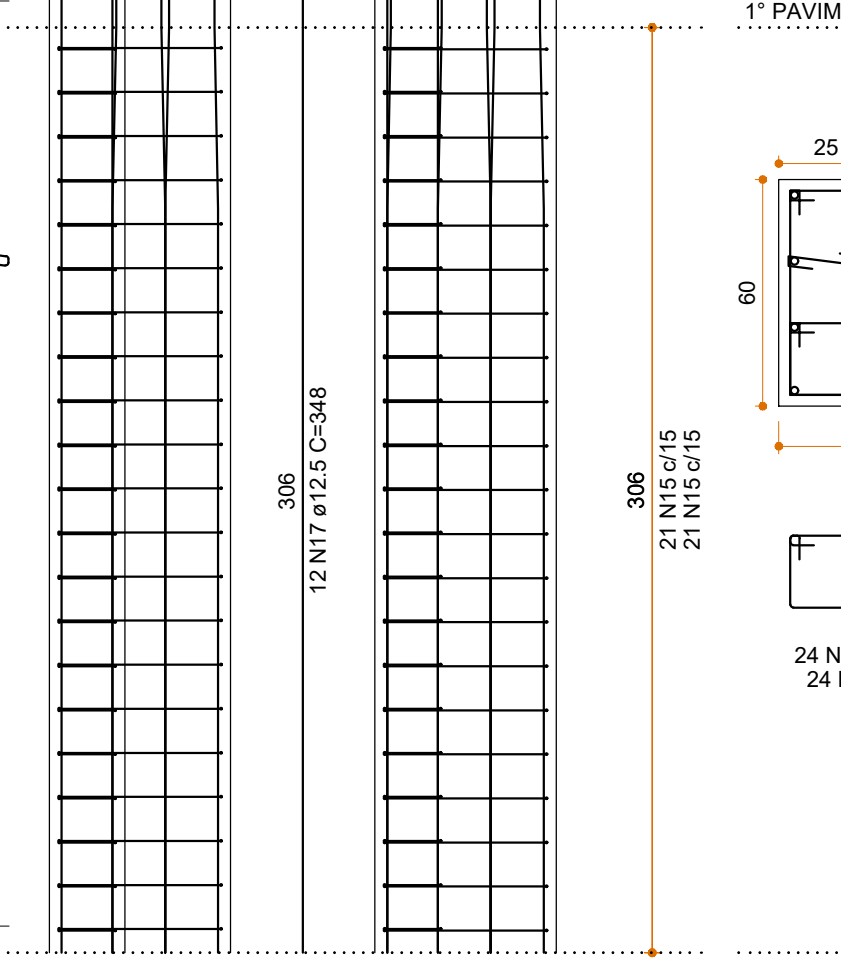
P50=P51



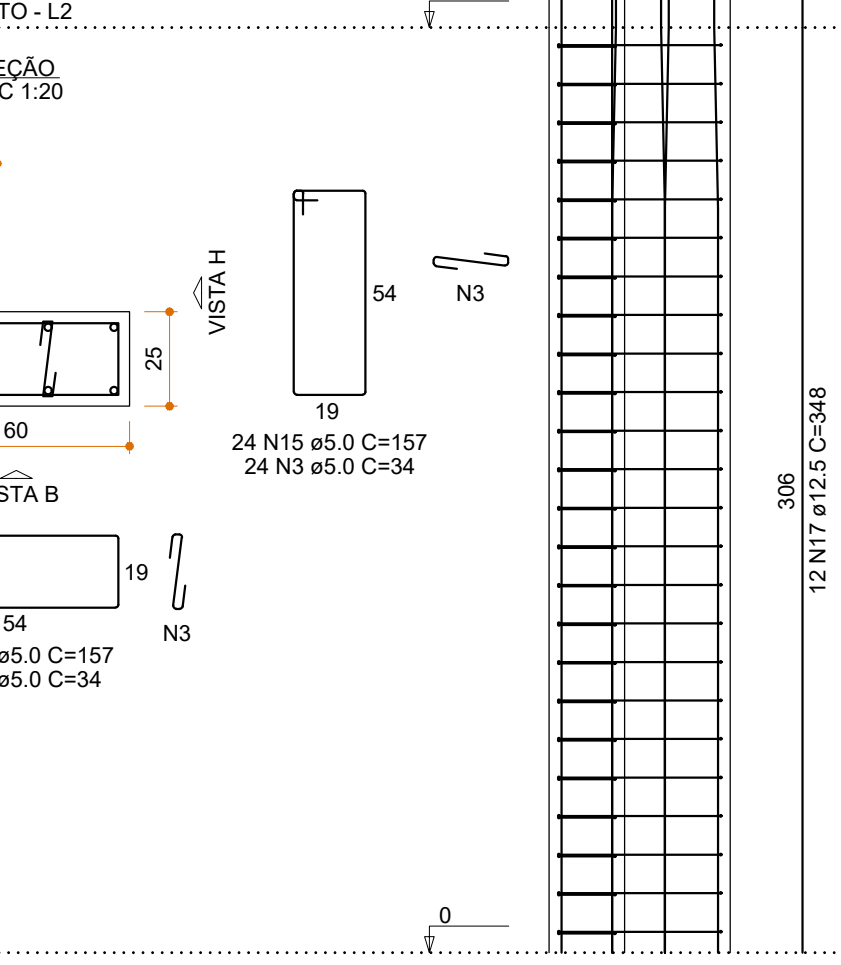
P61



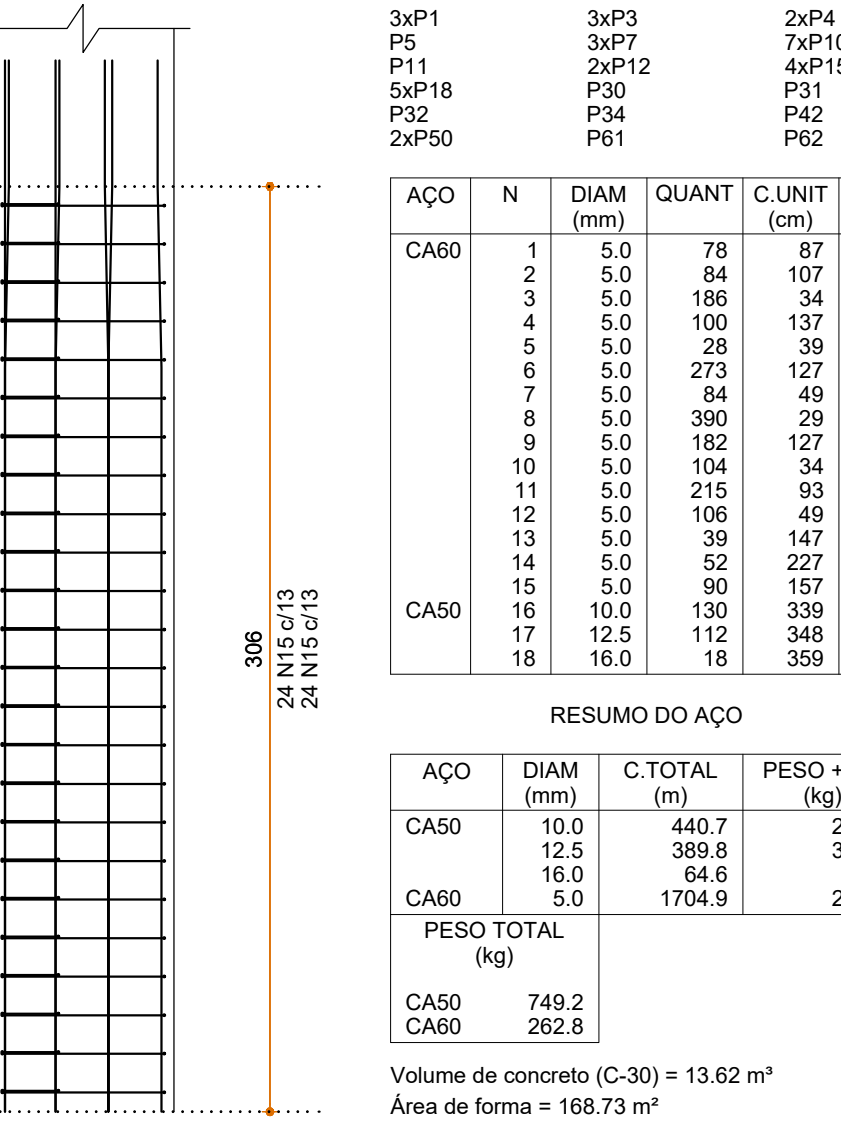
P62



P62



P62




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	78	87	6786
	2	5.0	84	107	8988
	3	5.0	186	34	6324
	4	5.0	100	137	13700
	5	5.0	28	39	1092
	6	5.0	273	127	34671
	7	5.0	84	49	4116
	8	5.0	390	29	11310
	9	5.0	182	127	23114
	10	5.0	104	34	3536
	11	5.0	215	93	19995
	12	5.0	108	49	5194
	13	5.0	39	147	5735
	14	5.0	52	227	11804
	15	5.0	90	157	14130
	16	10.0	130	339	44070
	17	12.5	112	348	38976
	18	16.0	18	359	6462

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	440.7	271.7
	12.5	369.8	375.5
	16.0	64.6	102
CA60	5.0	1704.9	262.8
PESO TOTAL (kg)			
CA50		749.2	
CA60		262.8	

Volume de concreto (C-30) = 13.62 m³
Área de forma = 168.73 m²

0	Emissão Inicial	04/2024	ES
AÇÃO	DESCRIÇÃO	DATA	RESPONSÁVEL
 ASSOCIAÇÃO DOS MUNICÍPIOS DA REGIÃO DA FOZ DO RIO ITAJAI Rua Luiz Lopes Gonzaga, 1655 - Bairro São Vicente - CEP 88309-421 - Itajaí-SC - CREA-SC 050.968-0 www.amfri.org.br engenheira@amfri.org.br amfri@amfri.org.br			
Prefeitura Municipal de Ilhota Estado de Santa Catarina			
Código	176-2024		
Projeto	ESTRUTURAL - ETAPA A		
Desenho	Rui		
Projeto	EST		
Folha	10/21		
Erico de Oliveira Prefeito Municipal		Enio Gui Ferreira de Sampaio Jr. Engenheiro Civil - CREA-SC 133.019-8	