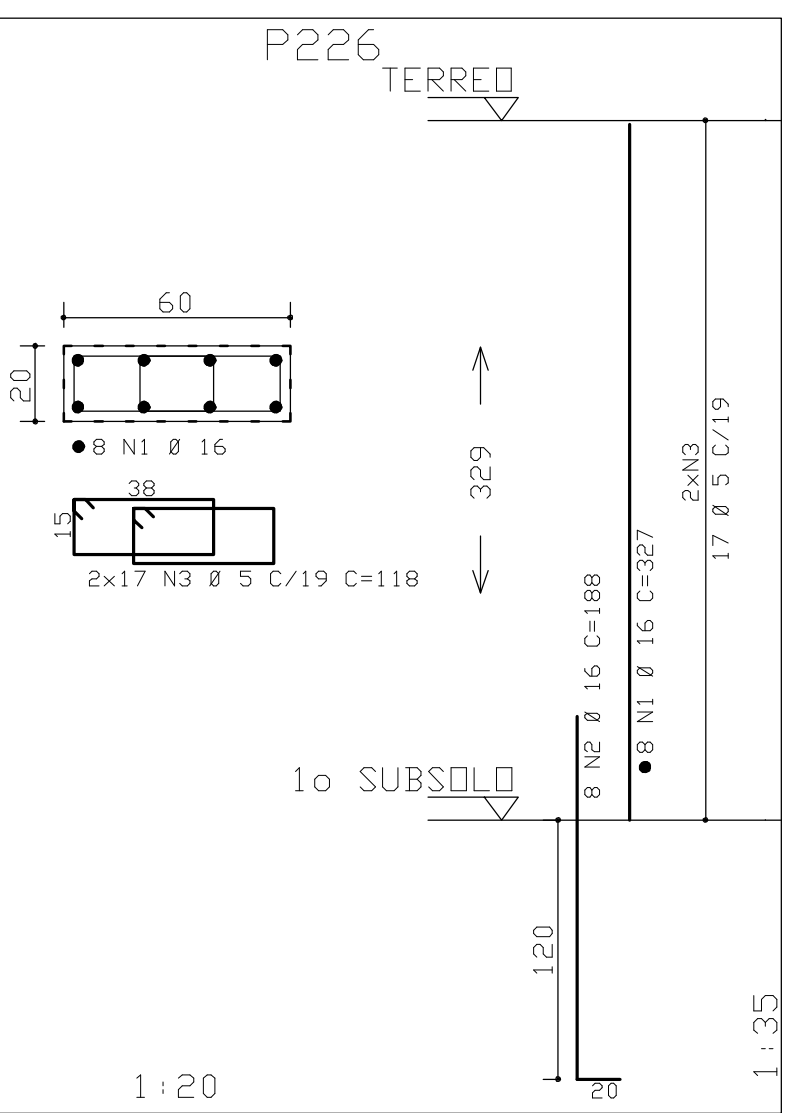
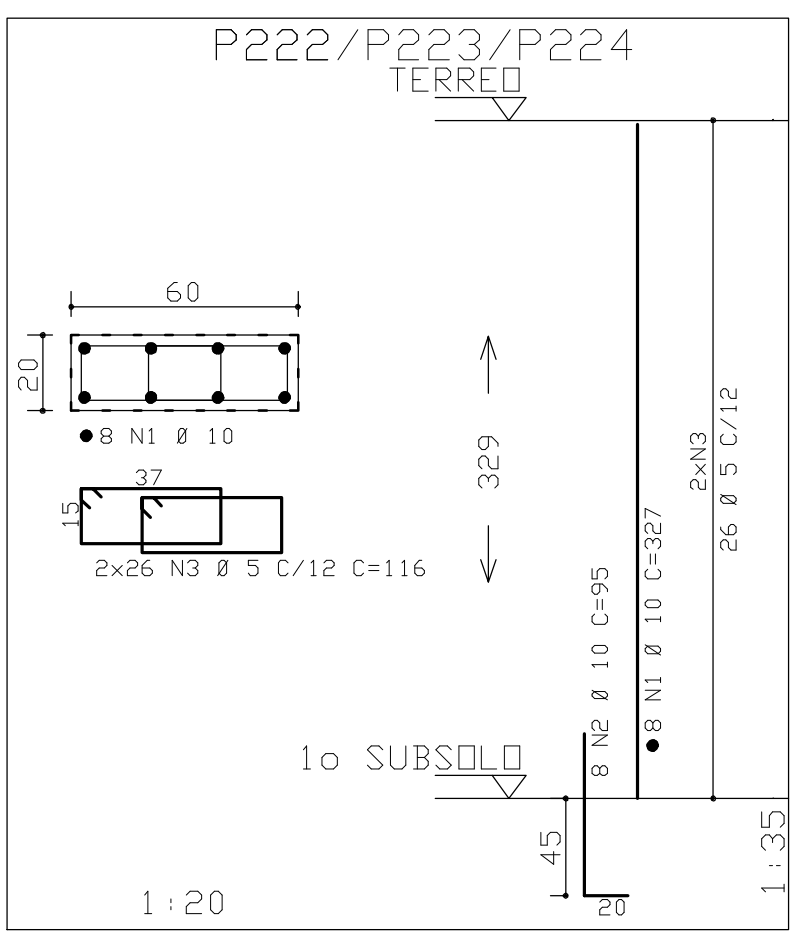
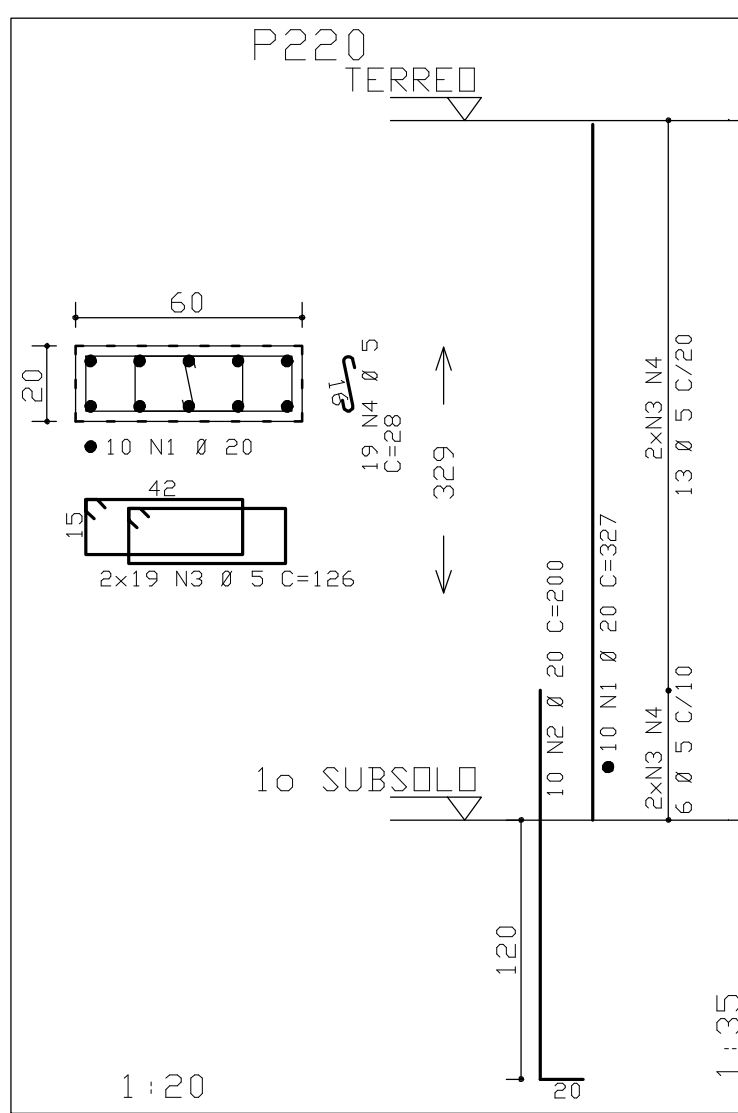
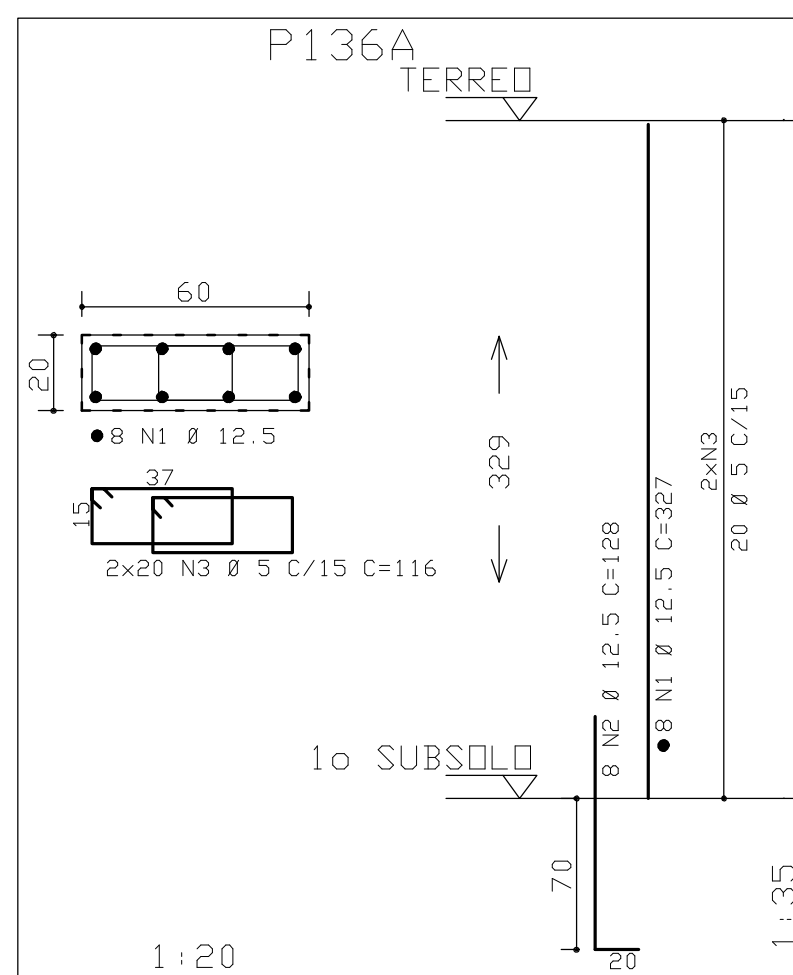
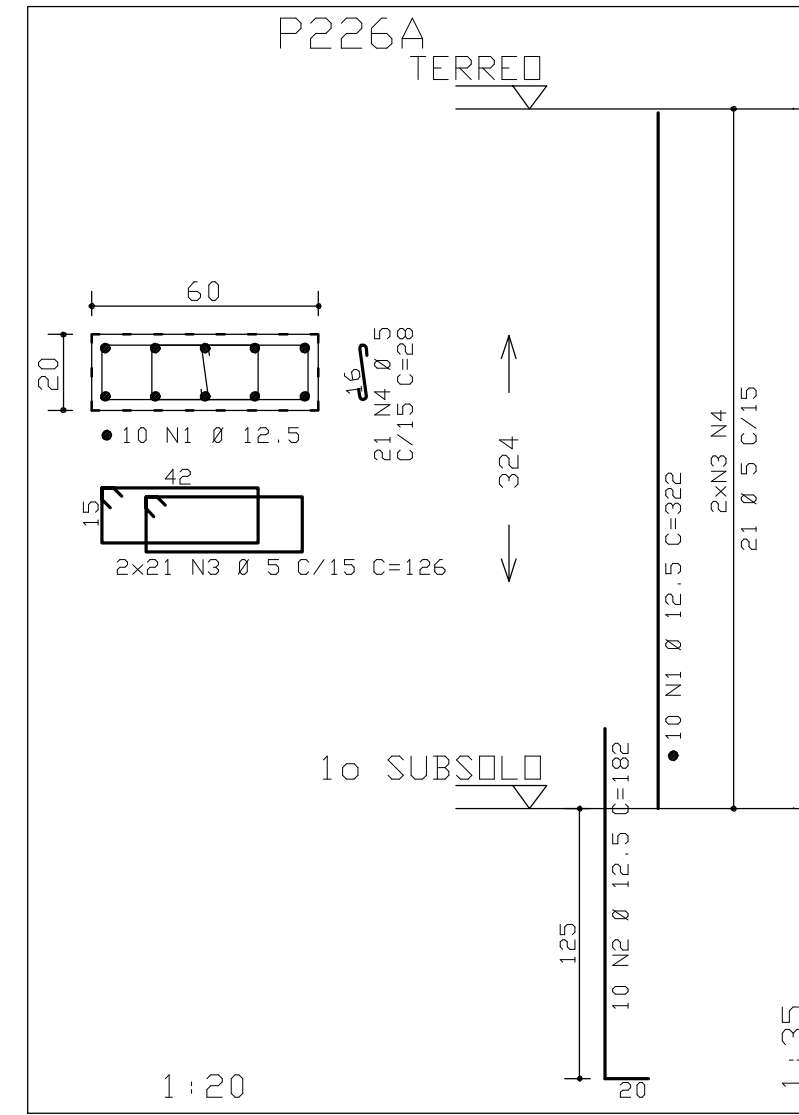
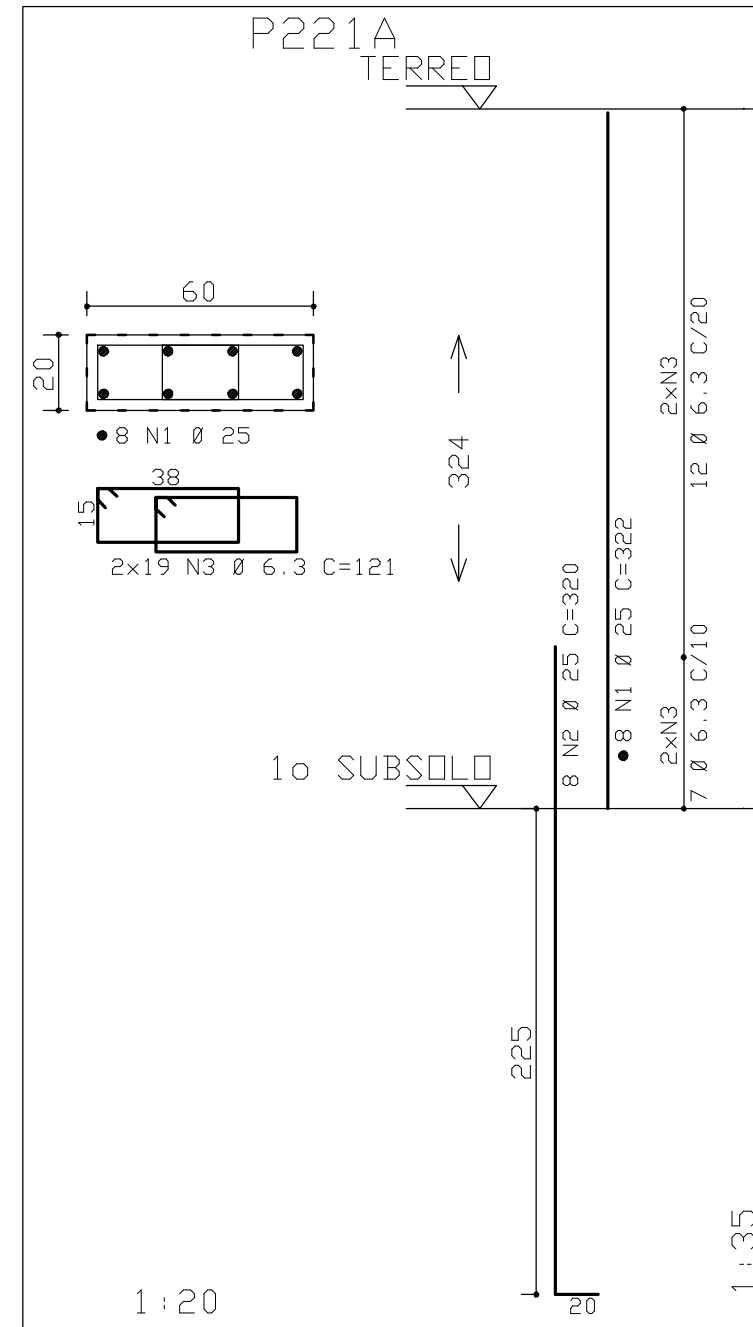
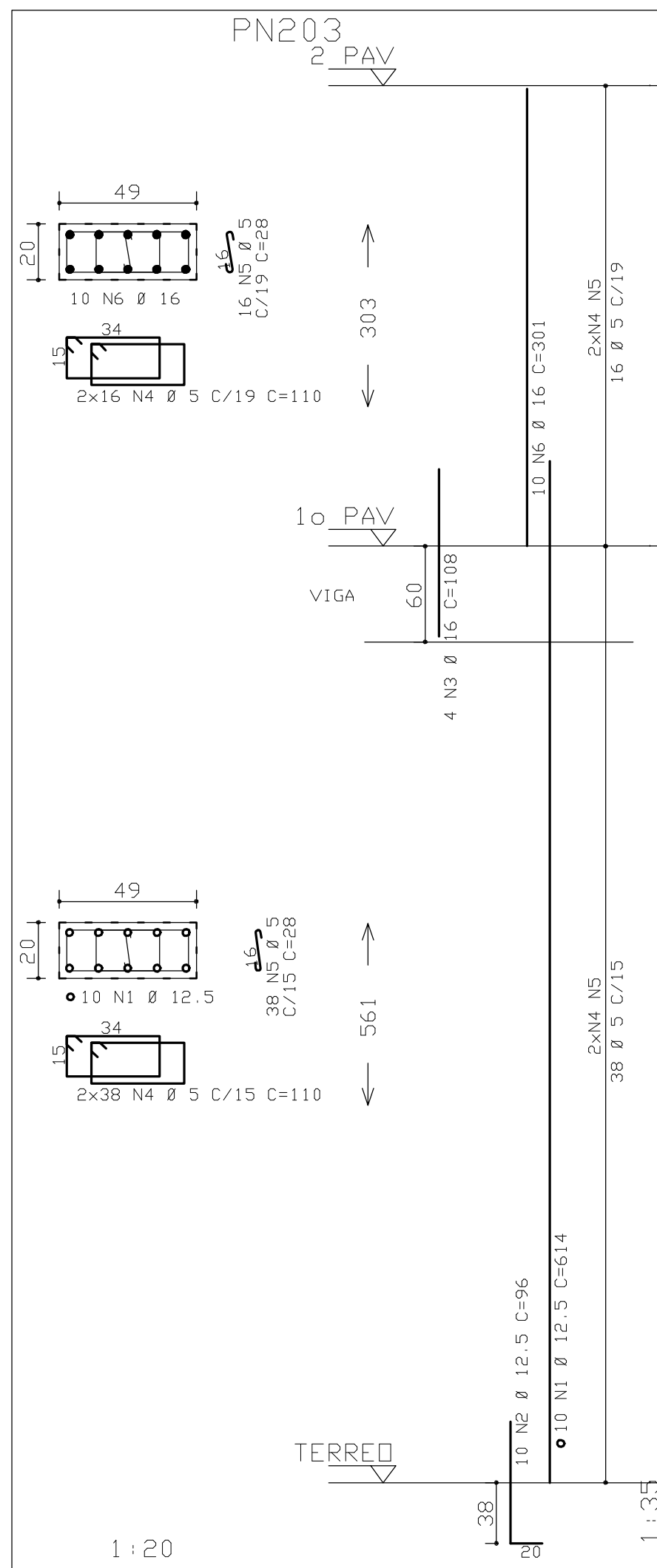
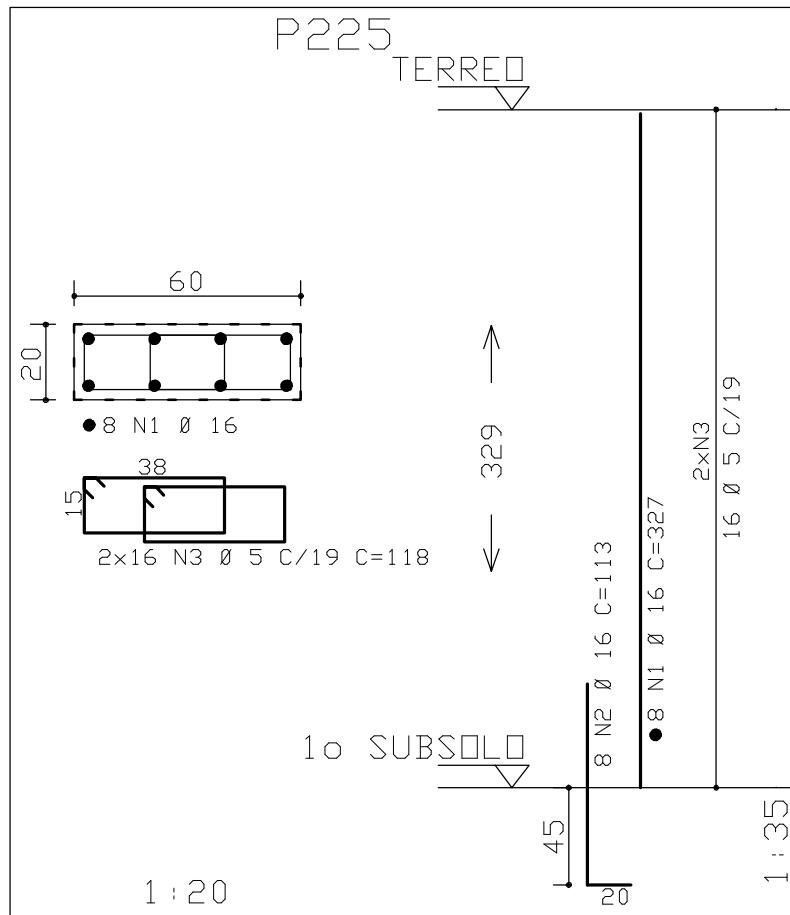
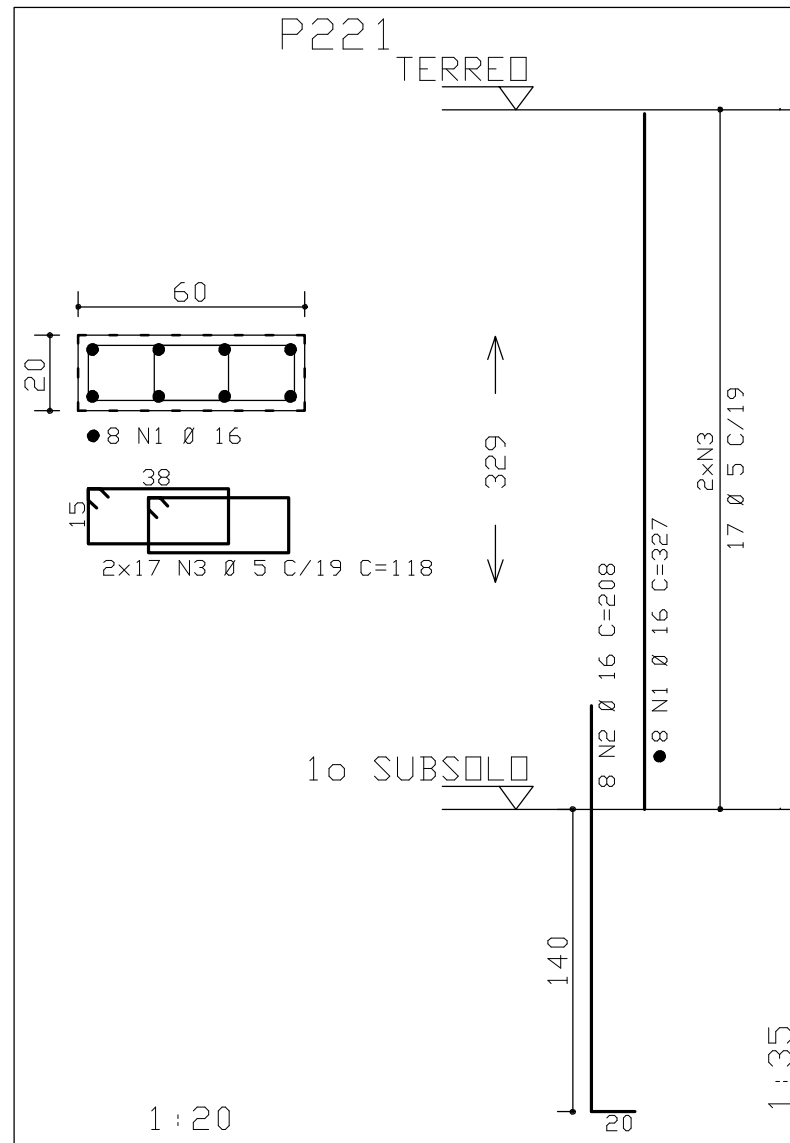
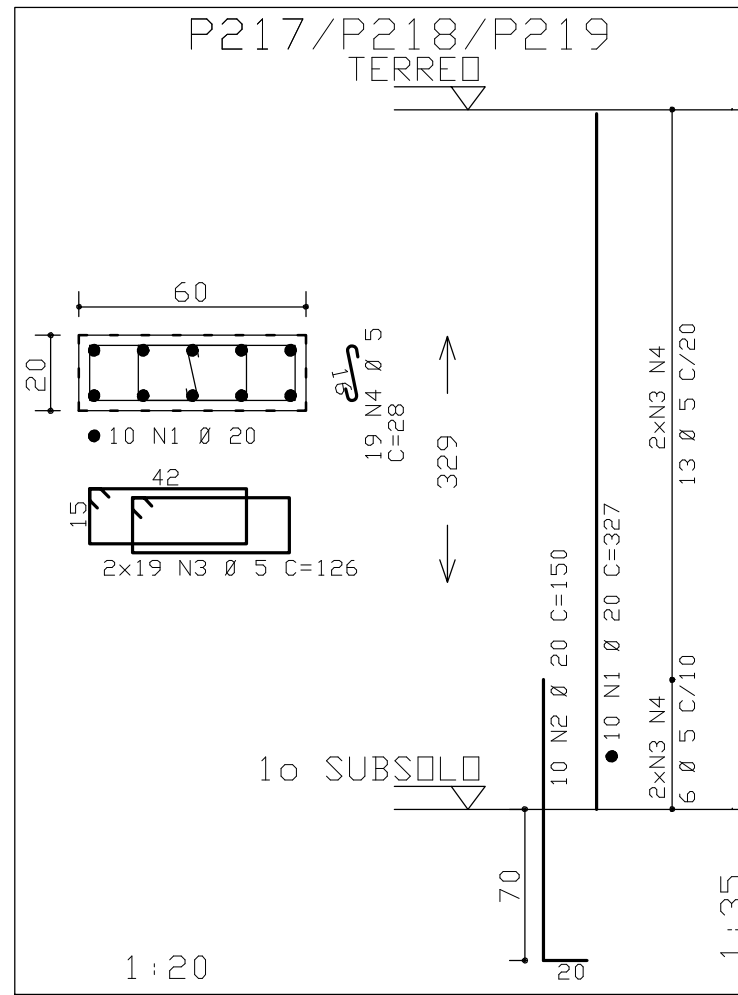
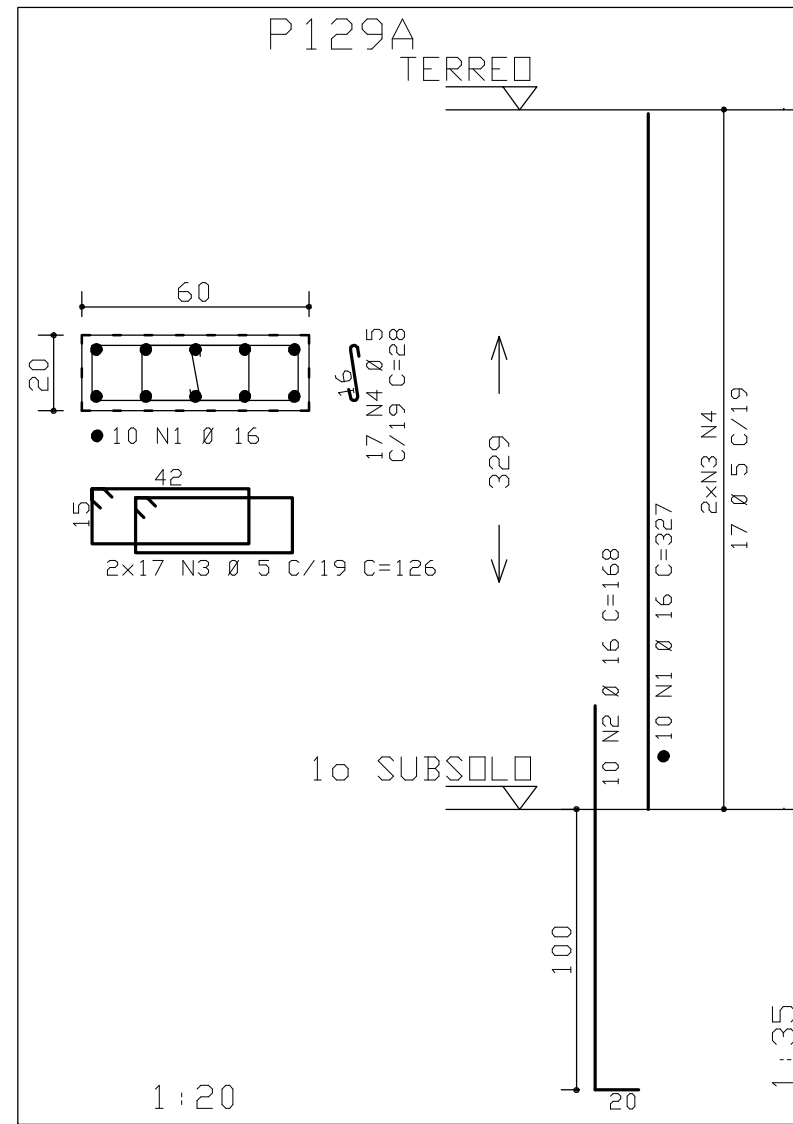
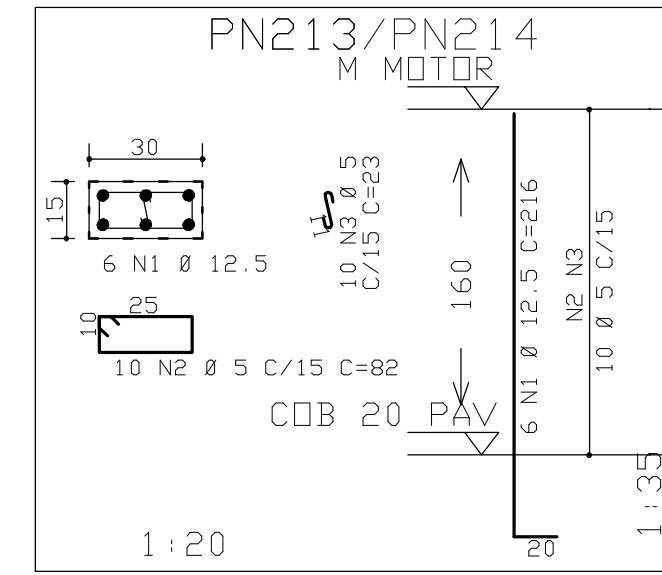
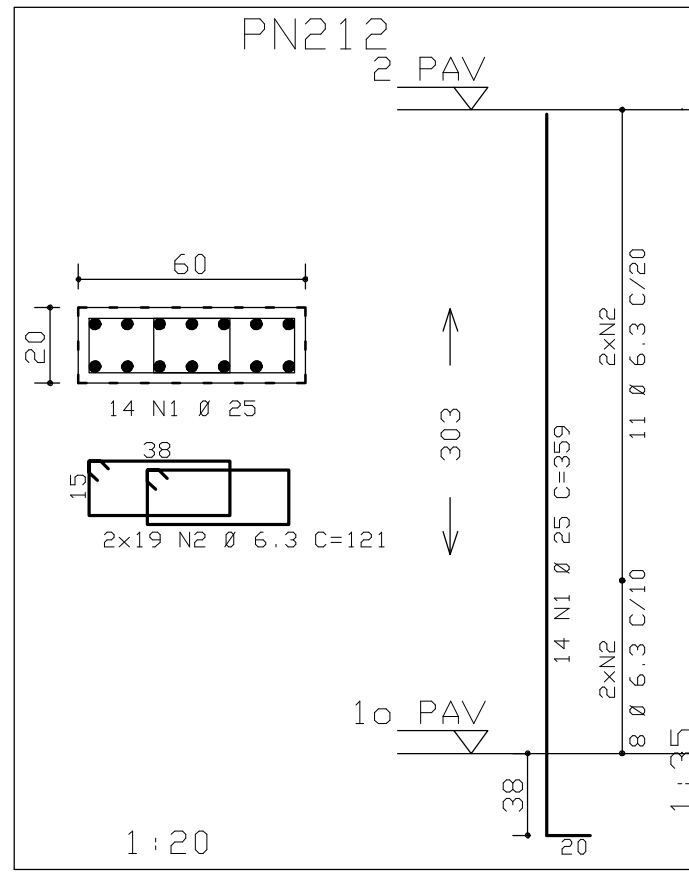
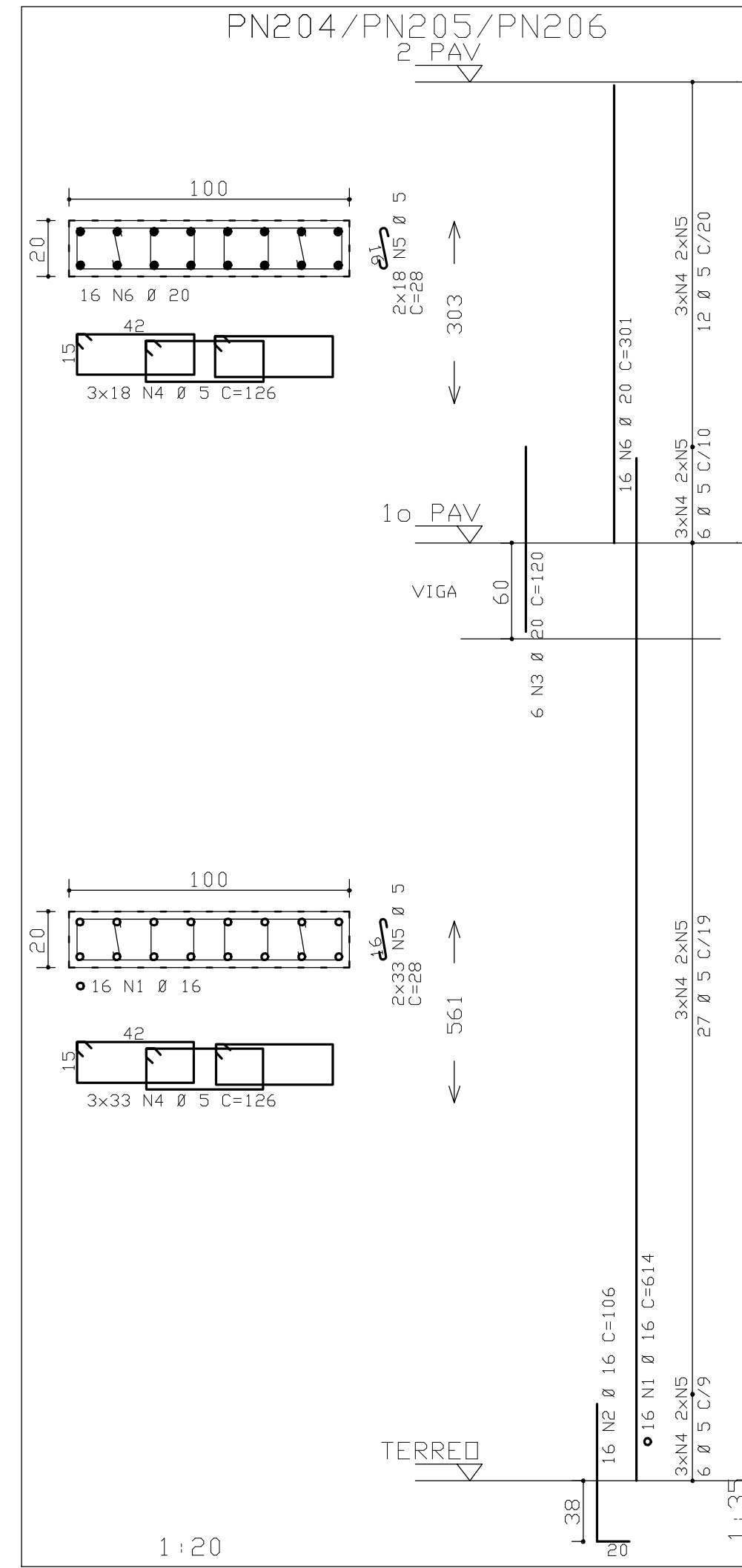
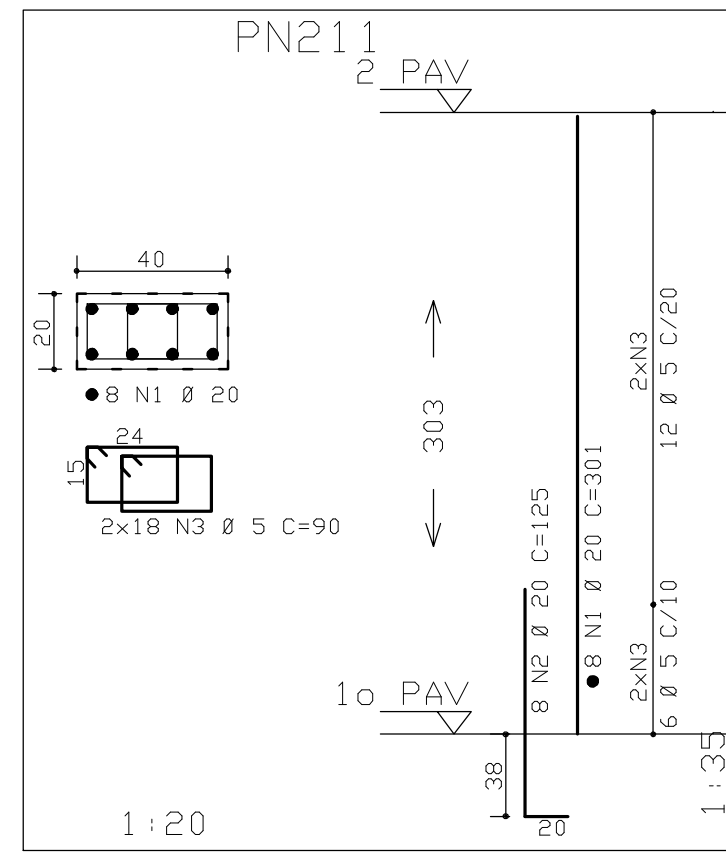
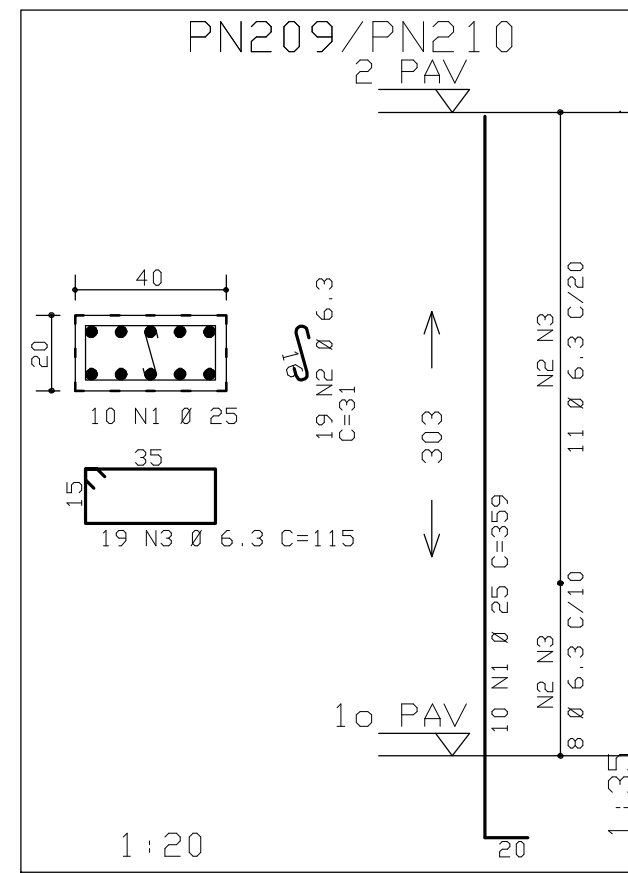
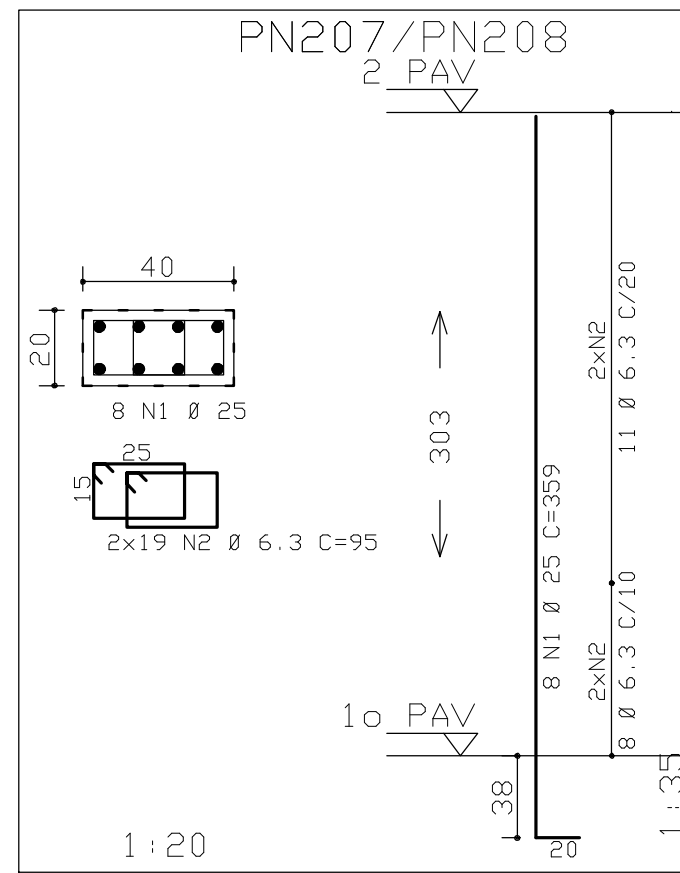
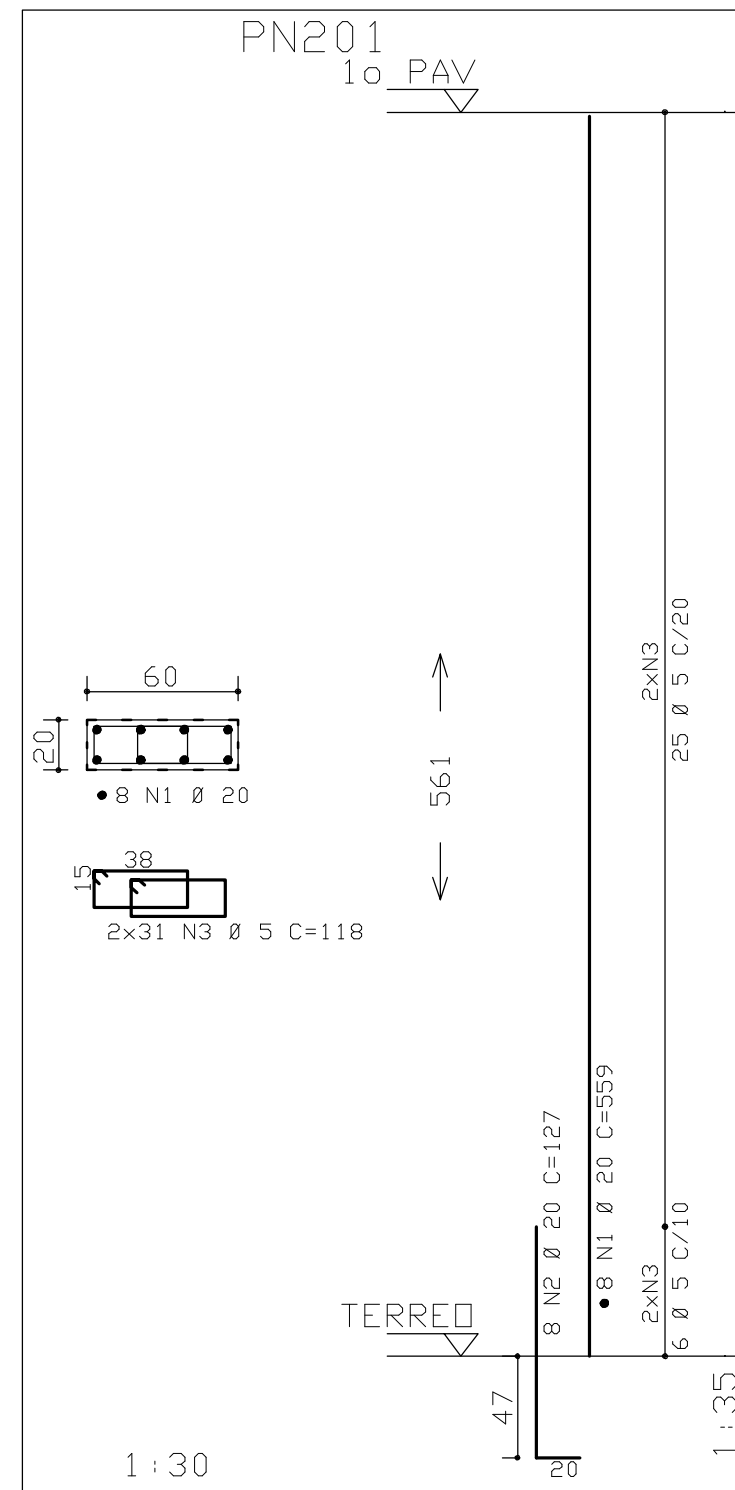
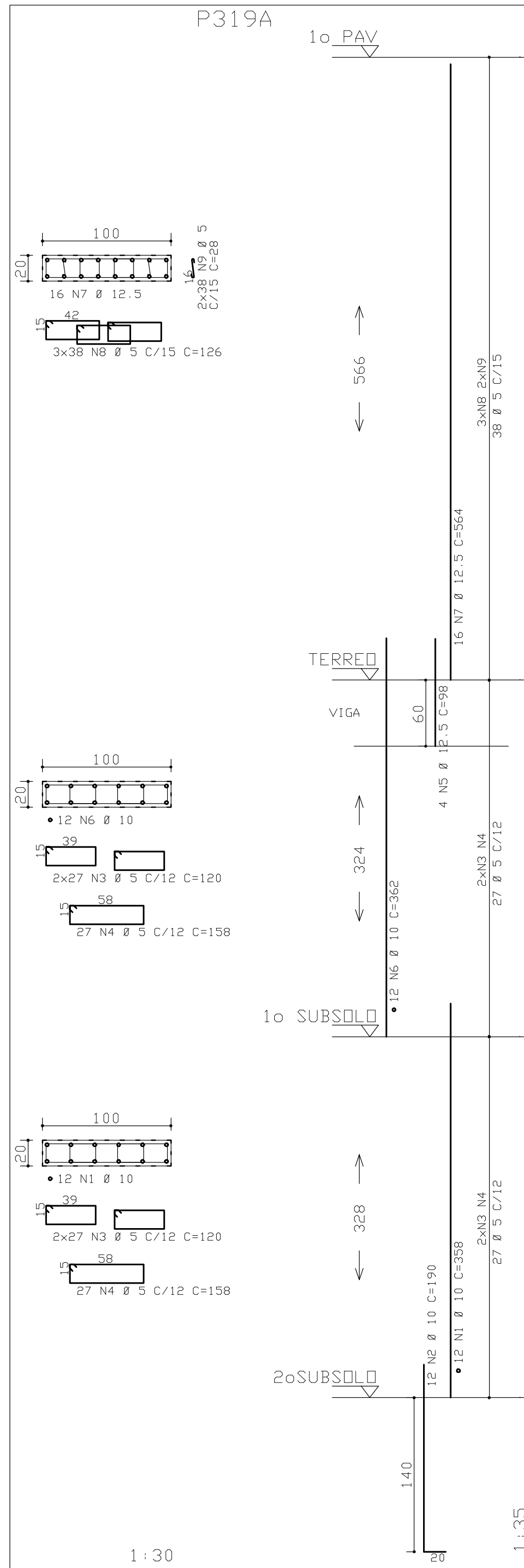
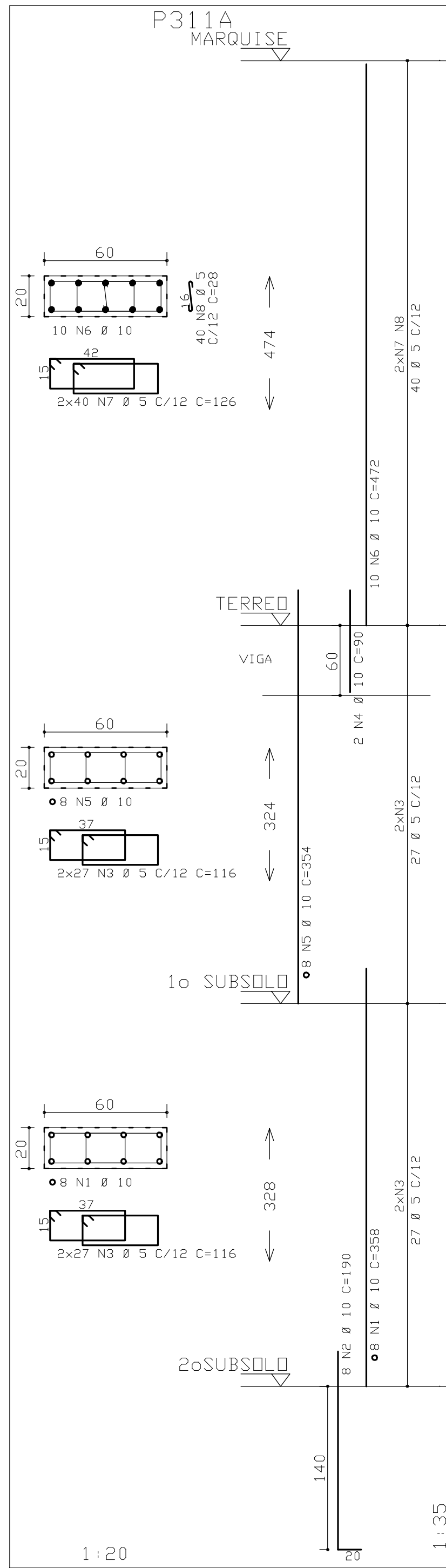
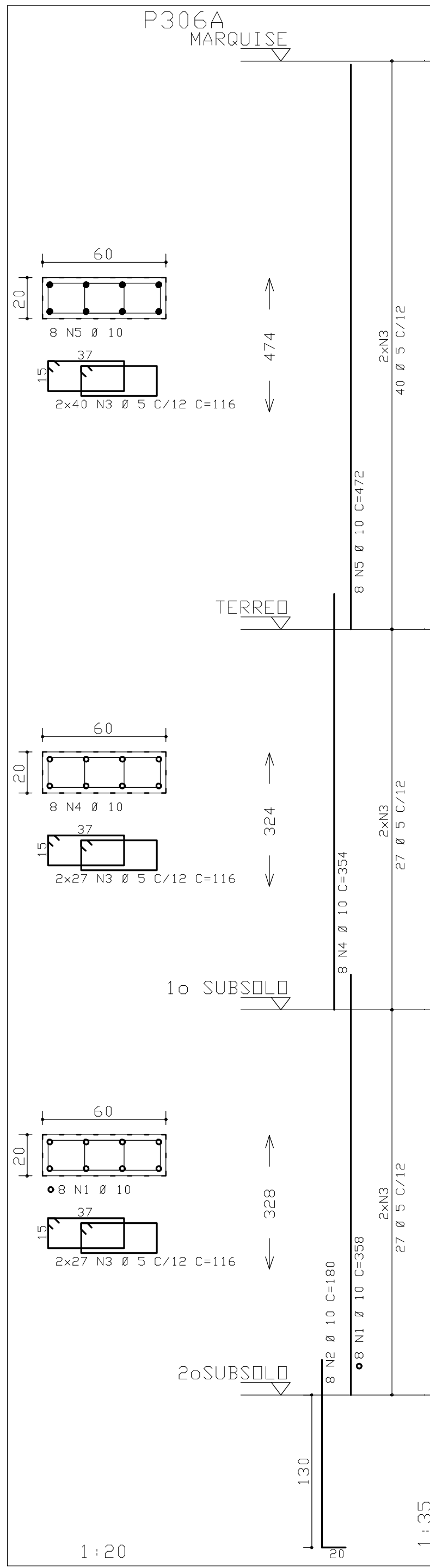
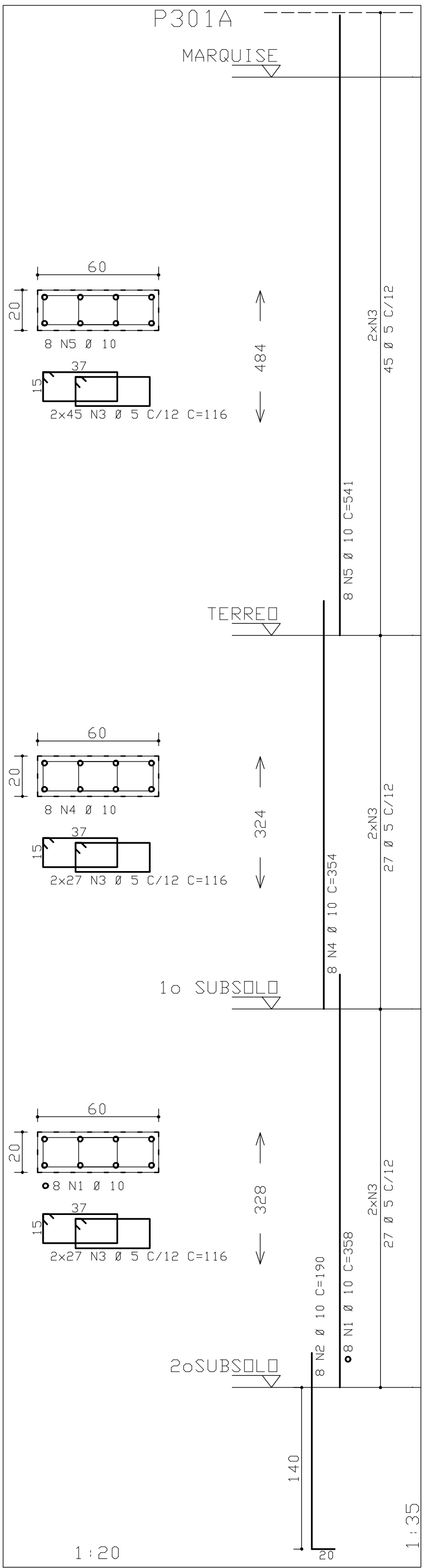




	ACD	PDS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
	(cm)	(cm)	(mm)	(cm)	(cm)	(cm)	(cm)
P301A	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P306A	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P311A	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P319A	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P209	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P211	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P207	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P208	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P209	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P210	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P211	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P212	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P213	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P214	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P215	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P216	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P217	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P218	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P219	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P220	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P221	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P222	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P223	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P224	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P225	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	
P226	50A	1	12	8	288	2884	
	50A	2	12	8	576	5768	
	50A	3	12	8	864	8644	
	50A	4	12	8	1152	11528	

RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60
ACQ	BIT	COMPR	PESO
(cm)	(mm)	(cm)	(kg)
50A	1	12	8
50A	2	12	8
50A	3	12	8
50A	4	12	8
Peso Total	50A =	12	8
Peso Total	50A =	12	8

RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60
ACQ	BIT	COMPR	PESO
(cm)	(mm)	(cm)	(kg)
50A	1	12	8
50A	2	12	8
50A	3	12	8
50A	4	12	8
Peso Total	50A =	12	8
Peso Total	50A =	12	8

RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60
ACQ	BIT	COMPR	PESO
(cm)	(mm)	(cm)	(kg)
50A	1	12	8
50A	2	12	8
50A	3	12	8
50A	4	12	8
Peso Total	50A =	12	8
Peso Total	50A =	12	8

RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60
ACQ	BIT	COMPR	PESO
(cm)	(mm)	(cm)	(kg)
50A	1	12	8
50A	2	12	8
50A	3	12	8
50A	4	12	8
Peso Total	50A =	12	8
Peso Total	50A =	12	8

RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60
ACQ	BIT	COMPR	PESO
(cm)	(mm)	(cm)	(kg)
50A	1	12	8
50A	2	12	8
50A	3	12	8
50A	4	12	8
Peso Total	50A =	12	8
Peso Total	50A =	12	8

RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60
ACQ	BIT	COMPR	PESO
(cm)	(mm)	(cm)	(kg)
50A	1	12	8
50A	2	12	8
50A	3	12	8
50A	4	12	8
Peso Total	50A =	12	8
Peso Total	50A =	12	8

RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60	RESUMO ACQ CA 50-60
ACQ	BIT	COMPR	PESO
(cm)	(mm)	(cm)	(kg)
50A	1	12	8
50A	2	12	8
50A	3	12	8
50A	4	12	8
Peso Total	50A =	12	8
Peso Total	50A =	12	8

COBRIMENTO DA ARMADURA:
- LAJES = 2,0 cm
- VIGAS E PILARES = 2,5 cm
- BLOCOS, BALDRANES E CONTENEDORES (FACE EM CONTATO COM A TERRA) = 3,0 cm
1. ESSES COBRIMENTOS DEVERAO SER GARANTIDOS COM O USO DE ESPACADORES AO PASTILHAS.
COMENTARIOS ESPECIFICOS EM CONTRASTES DOS VALORES INDICADOS ACIMA, ESTAO INDICADOS NESSE DESINHO EM FORMAS DE PAVIMENTOS.

NORMAS UTILIZADAS:
NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO
NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOES

INDICE:
P129A / P136A / P301A / P306A / P311A / P319A
P217 A P226 / PN201 A PN214

FCK = 30 MPa
EC = 26 GPa (MÓDULO DE ELASTICIDADE SECANTE ADOS 28 DIAS)
A/C = 0,65 (FATOR AGUA CIMENTO)

3	10/09/2009	ALTERADOS PILARES PN201 A PN212
2	25/08/2009	ACRESCENTADOS PILARES P221A E P226A (JUNTA C)
1	05/06/2009	LIBERADO PARA OBRA
REV.	2016	REVISÃO
Sintetria Engenharia		
SINTESTRUTURAL		
CLIENTE: BISCO INCOBRADORA E IMOBILIARIA LTDA		
OBRA: EDIFICIO RESIDENCIAL OLIMPIQUE		
ENDRECO OBRA: SRIA AREA ESPECIAL 4 LOTES G e H - GUARA/DF		
REVISÃO: ARMACAO DOS PILARES DA TORRE A JUNTA B (09/09)		
RESENHA: 128-ARLENA		
DATA: 27/03/2009		
ESCALA: 1:20		

