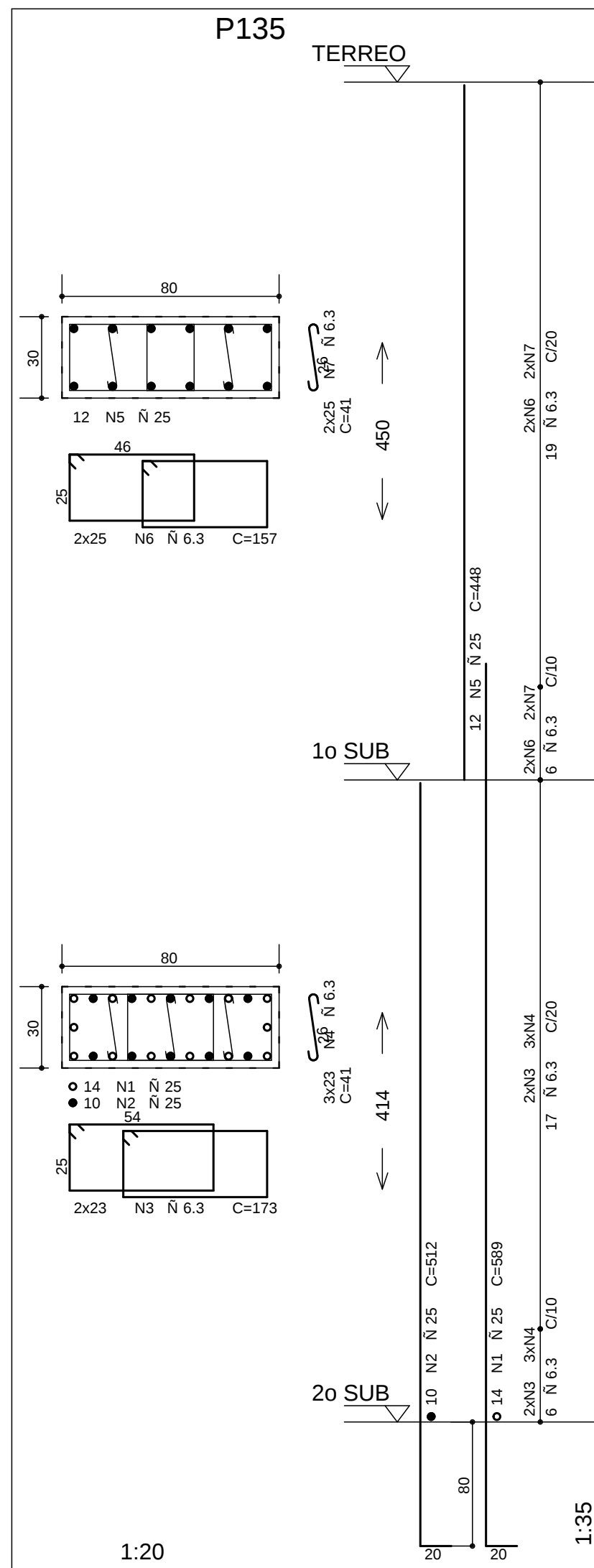
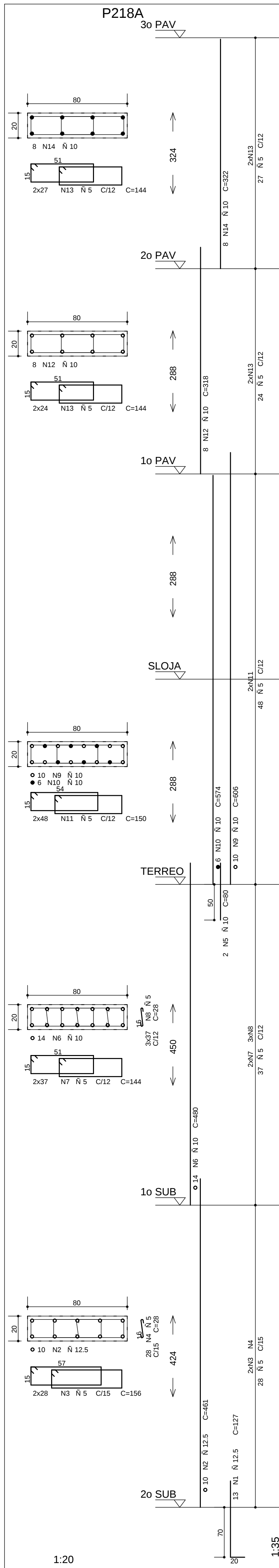
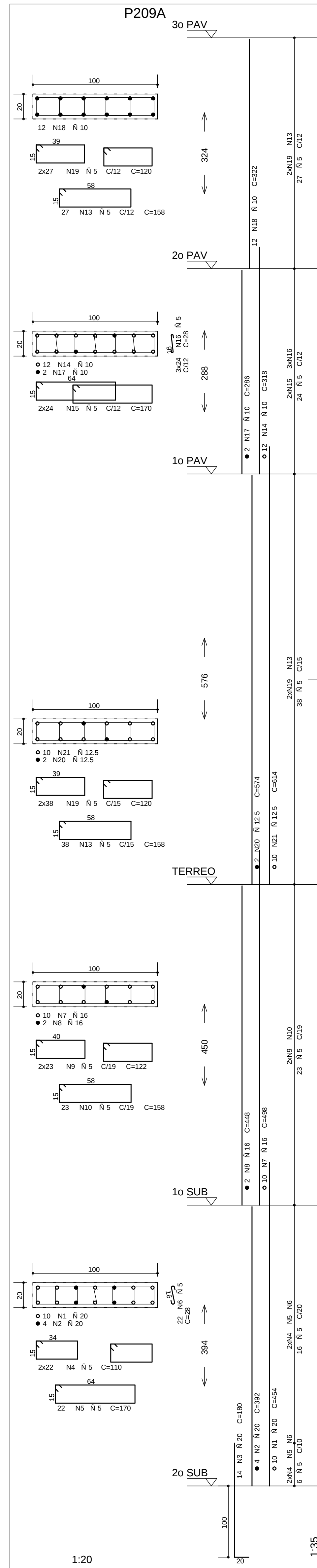


RESUMO DE A/C A-30-08					A/C O					POS		BIT		QUANT		COMPLEMENTO		
NO	DATA	VAL	COMP	PESO	NO	DATA	VAL	COMP	PESO	NO	DATA	VAL	COMP	PESO	NO	DATA	VAL	COMP
PAGAMENTO - S/ 30-08					PAGAMENTO - S/ 30-08					PAGAMENTO - S/ 30-08		PAGAMENTO - S/ 30-08		PAGAMENTO - S/ 30-08		PAGAMENTO - S/ 30-08		
RESUMO DE A/C A-30-08					RESUMO DE A/C A-30-08					RESUMO DE A/C A-30-08		RESUMO DE A/C A-30-08		RESUMO DE A/C A-30-08		RESUMO DE A/C A-30-08		
NO	DATA	VAL	COMP	PESO	NO	DATA	VAL	COMP	PESO	NO	DATA	VAL	COMP	PESO	NO	DATA	VAL	COMP
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S/03	03	206		76	S/03	03	206		76	S/03	03	206		76	S/03	03	206	
S/04	04	206		76	S/04	04	206		76	S/04	04	206		76	S/04	04	206	
S/05	05	206		76	S/05	05	206		76	S/05	05	206		76	S/05	05	206	
S/06	06	206		76	S/06	06	206		76	S/06	06	206		76	S/06	06	206	
S/07	07	206		76	S/07	07	206		76	S/07	07	206		76	S/07	07	206	
S/08	08	206		76	S/08	08	206		76	S/08	08	206		76	S/08	08	206	
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S/10	10	206		76	S/10	10	206		76	S/10	10	206		76	S/10	10	206	
S/11	11	206		76	S/11	11	206		76	S/11	11	206		76	S/11	11	206	
S/12	12	206		76	S/12	12	206		76	S/12	12	206		76	S/12	12	206	
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S/14	14	206		76	S/14	14	206		76	S/14	14	206		76	S/14	14	206	
S/15	15	206		76	S/15	15	206		76	S/15	15	206		76	S/15	15	206	
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S/18	18	206		76	S/18	18	206		76	S/18	18	206		76	S/18	18	206	
S/19	19	206		76	S/19	19	206		76	S/19	19	206		76	S/19	19	206	
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S/79	79	206		76	S/79	79	206		76	S/79	79	206		76	S/79	79	206	
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S/89	89	206		76	S/89	89	206		76	S/8								

COBRIMENTO DA ARMADURA:

- LAJES = 2,0 cm
- VIGAS E PILARES = 2,5 cm
- BLOCOS, BALDRAMES E CONTENCOES (FACE EM CONTATO COM A TERRA) = 3,0 cm

1. ESSES COBRIMENTOS DEVERÃO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS. COBRIMENTOS ESPECÍFICOS EM CONTRÁRIO AOS VALORES INDICADOS ACIMA, ESTÃO INDICADOS NOS DESENHOS E FORMAS DOS PAVIMENTOS.

NORMAS UTILIZADAS:

NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO
NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOE

INDICE:

P209A, P218A, P135, P136, P138

FCK= 40 MPa (ATE PISO DO 1o SUBSOLC

FCK= 35 MPa (PISO 1o SUBSOLO PARA CIMA)

EC = 28 GPa (MODULO DE ELASTICIDADE SECANTE AOS 28 DIAS).

$$A/C = 0,65 \quad (\text{FATOR AGUA CIMENTO})$$

3	18/08/2014	NUMERACAO FINAL	
2	30/05/2012	REVISAO MODIFICADOS P228A, P135 E P135 B	
1	28/03/2012	ALTERACAO PARA ADIAR EPIE. PASS DO L. 5085050	
	28/03/2012	ALTERACAO DOS PIS-DIREITOS DUPLOS	
		EMISSAO INICIAL	
REV	DATA		DESCRICAO

 Simetria Engenharia SOLUÇÕES EM ENGENHARIA PROJETOS E CONSULTORIA		RA 204/2016 - 41.741.13-01.0001.210-5 PROJ. CIVIL - 12/2016-0001 PROJ. CIVIL - 12/2016-0001 simetria@simetria.eng.br	
PROJETO ESTRUTURAL			
CLIENTE:	CENT INCORPORADORA LTDA		NÃO OBRA:
OBRA:	ED. RESIDENCIAL/COMERCIAL/PALESTRAS		
ENDEREÇO/OBRA:	RUA 30/NORTE LOTE 05 - RUA DAS PRIMEIRAS - AGUAS CLARAS DF		
DESCRIÇÃO:	ARMACAO DOS PILARES DE DIVISA COM A JUNTA B TORRE 1 - JUNTA A		DESSENHO Nº BL1 016-090
DESENHISTA	DATA	ESCALA	UNIDADE
TQS/ THIAGO	15/03/2012	1:50	CM
PROJETO Nº	Nº PROJETO		Nº PROJETO
479 -EST-BL1-	016-090 -R03 -PIL-PLT		478
PROPRIETARIO:	RESPONSÁVEL TÉCNICO		
_____ RESPONSAVEL TECNICO PELO PROJETO ESTRUTURAL			

SIMETRIA ENGENHARIA E PROJETOS S.C LTDA
CNPJ 07.924.897