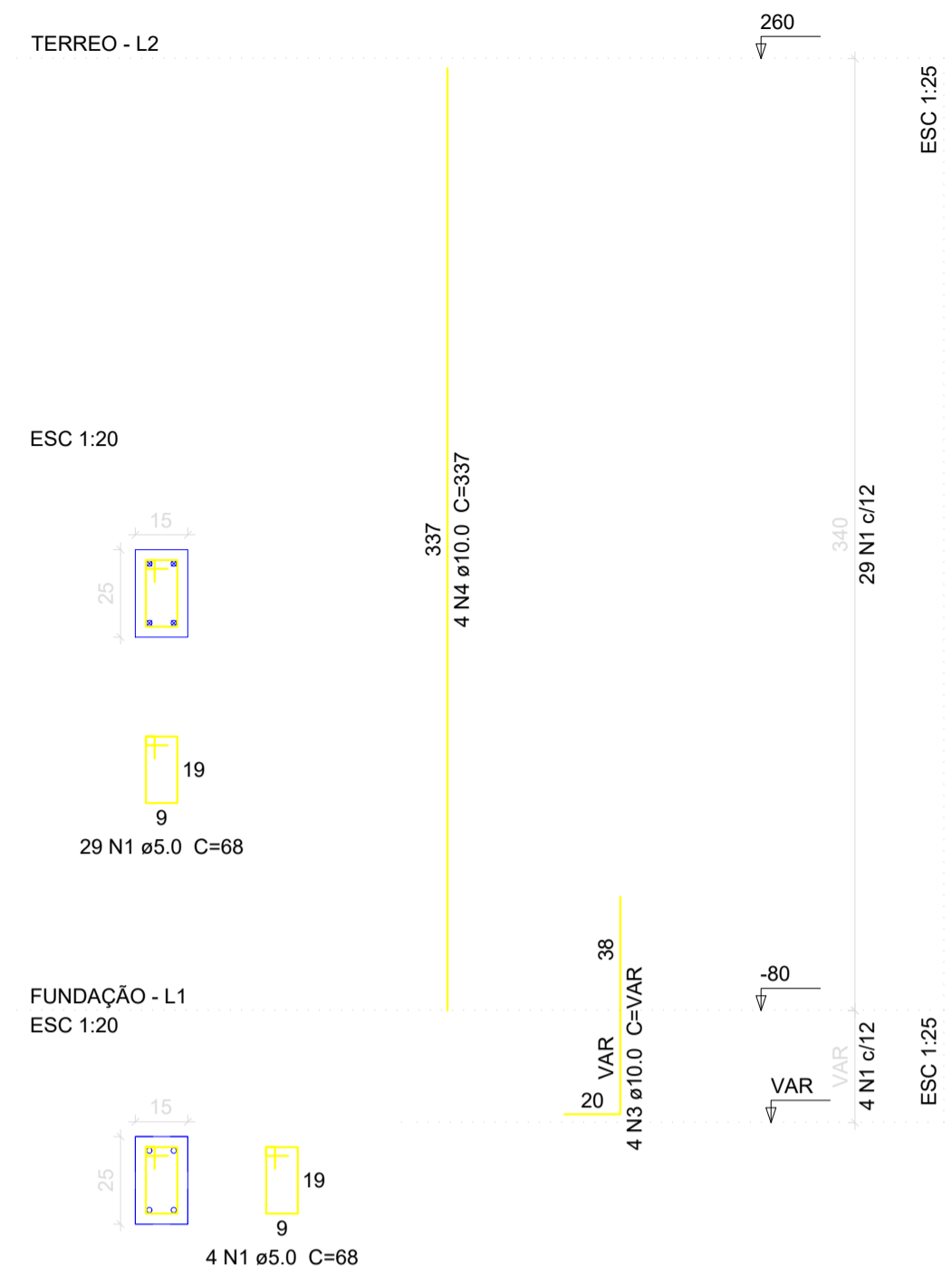
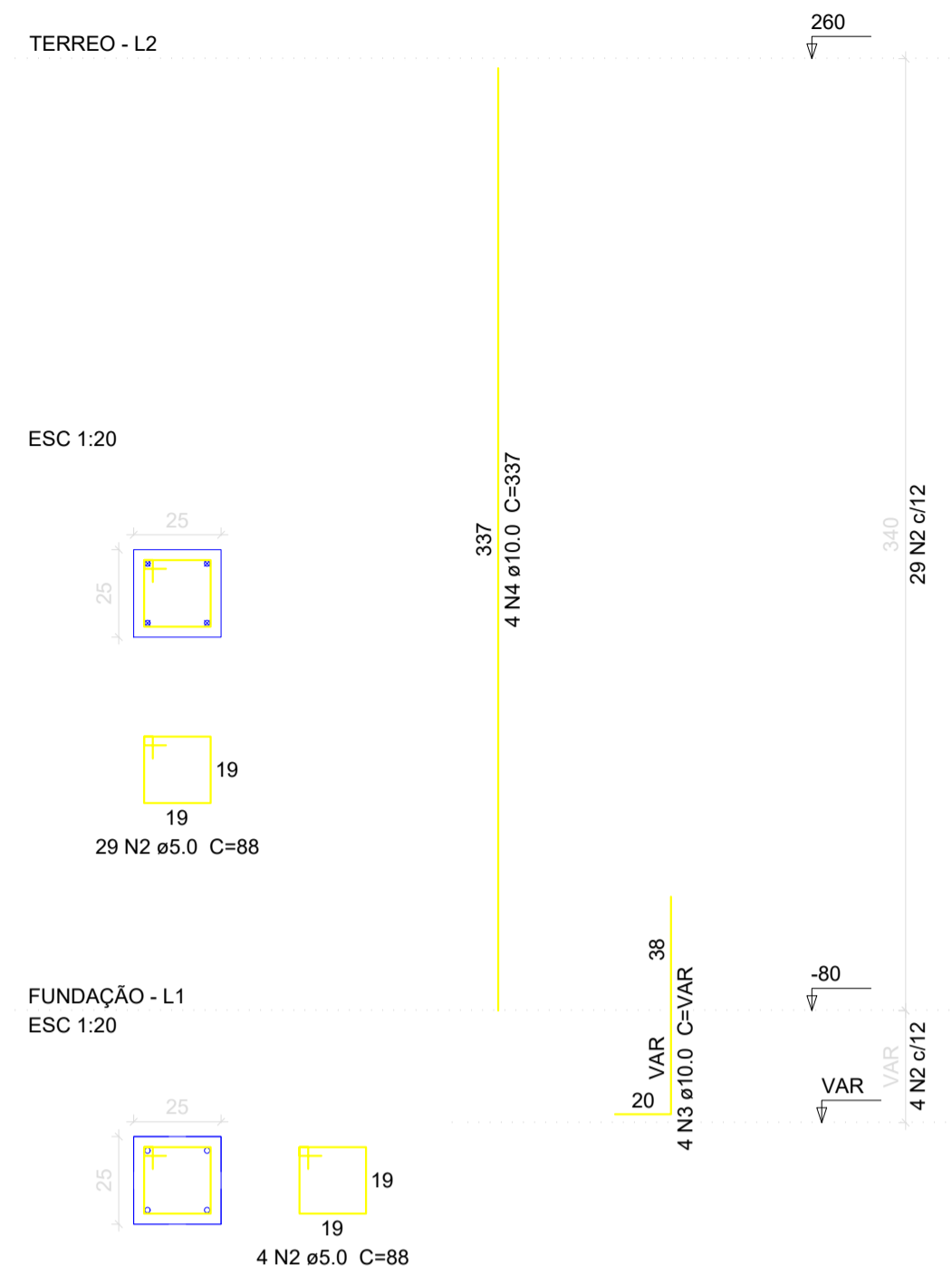


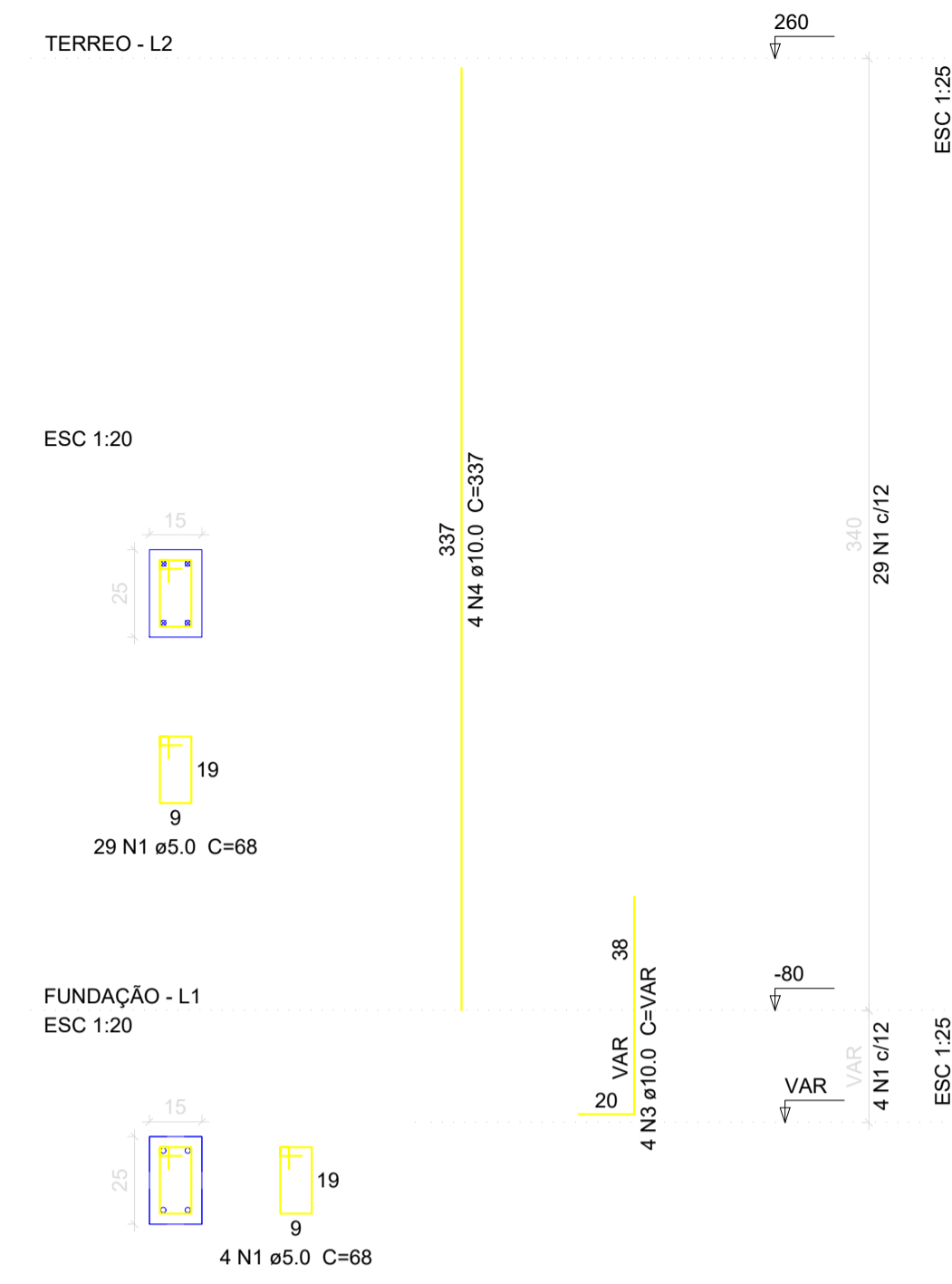
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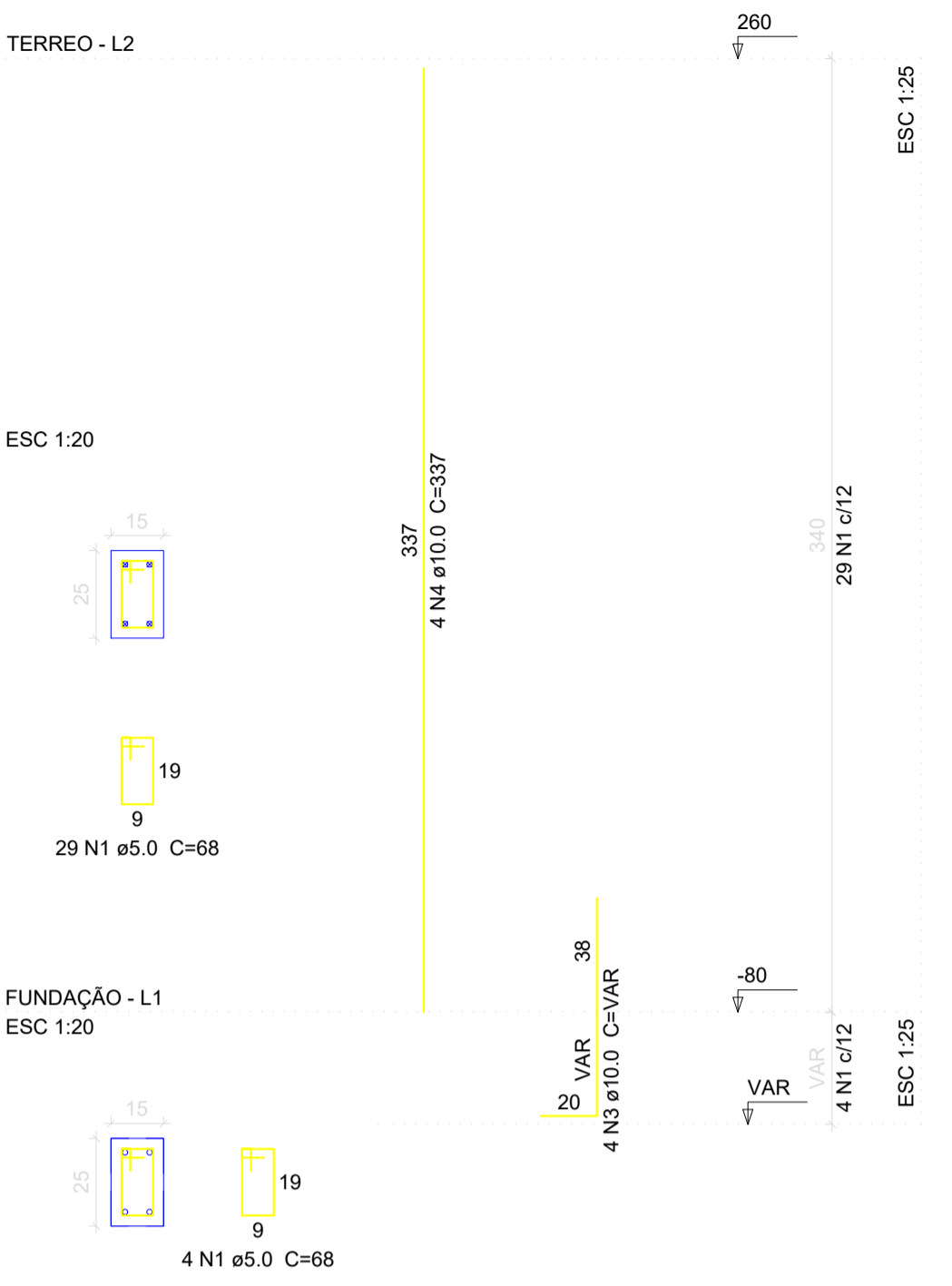
P26



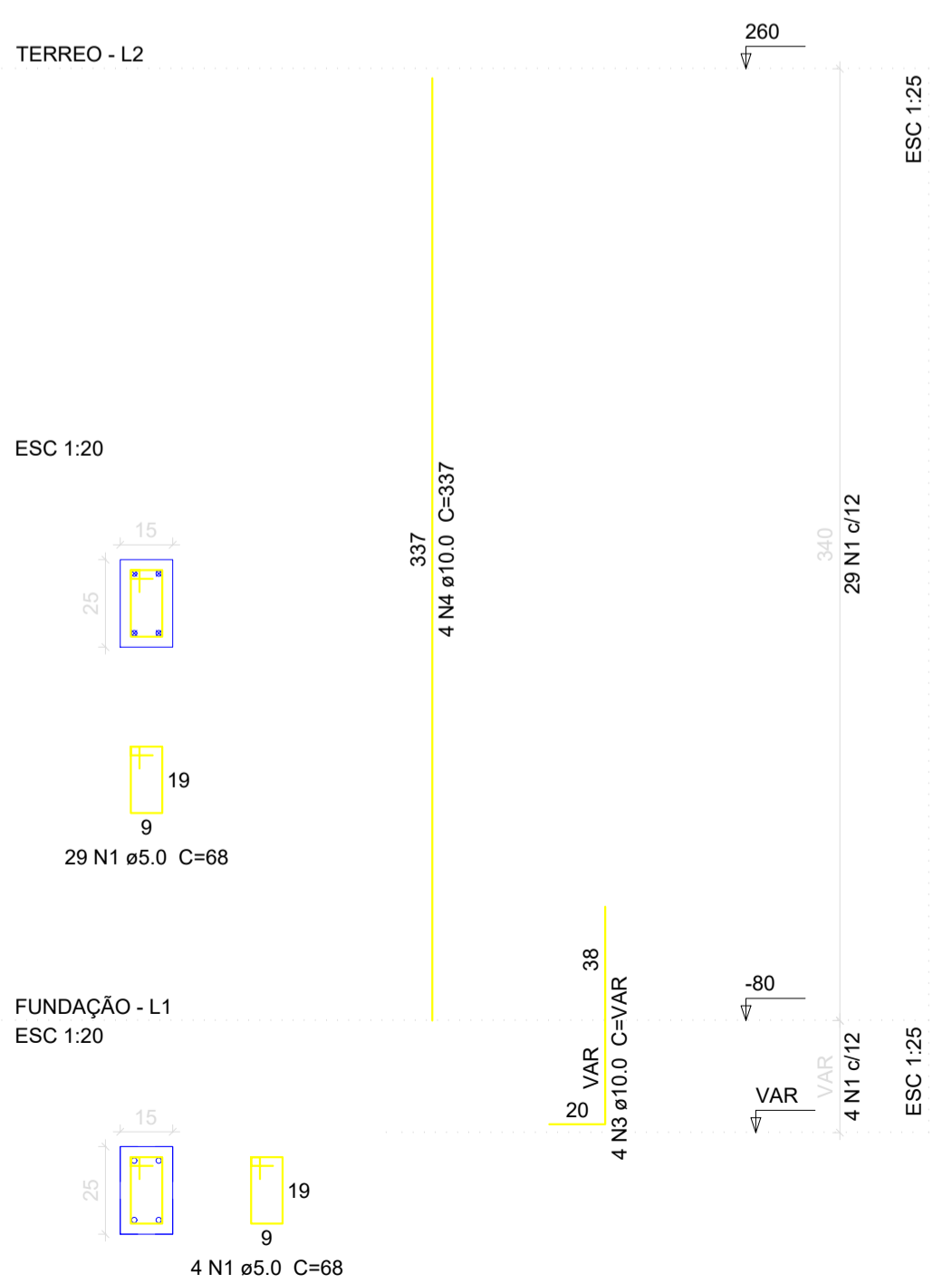
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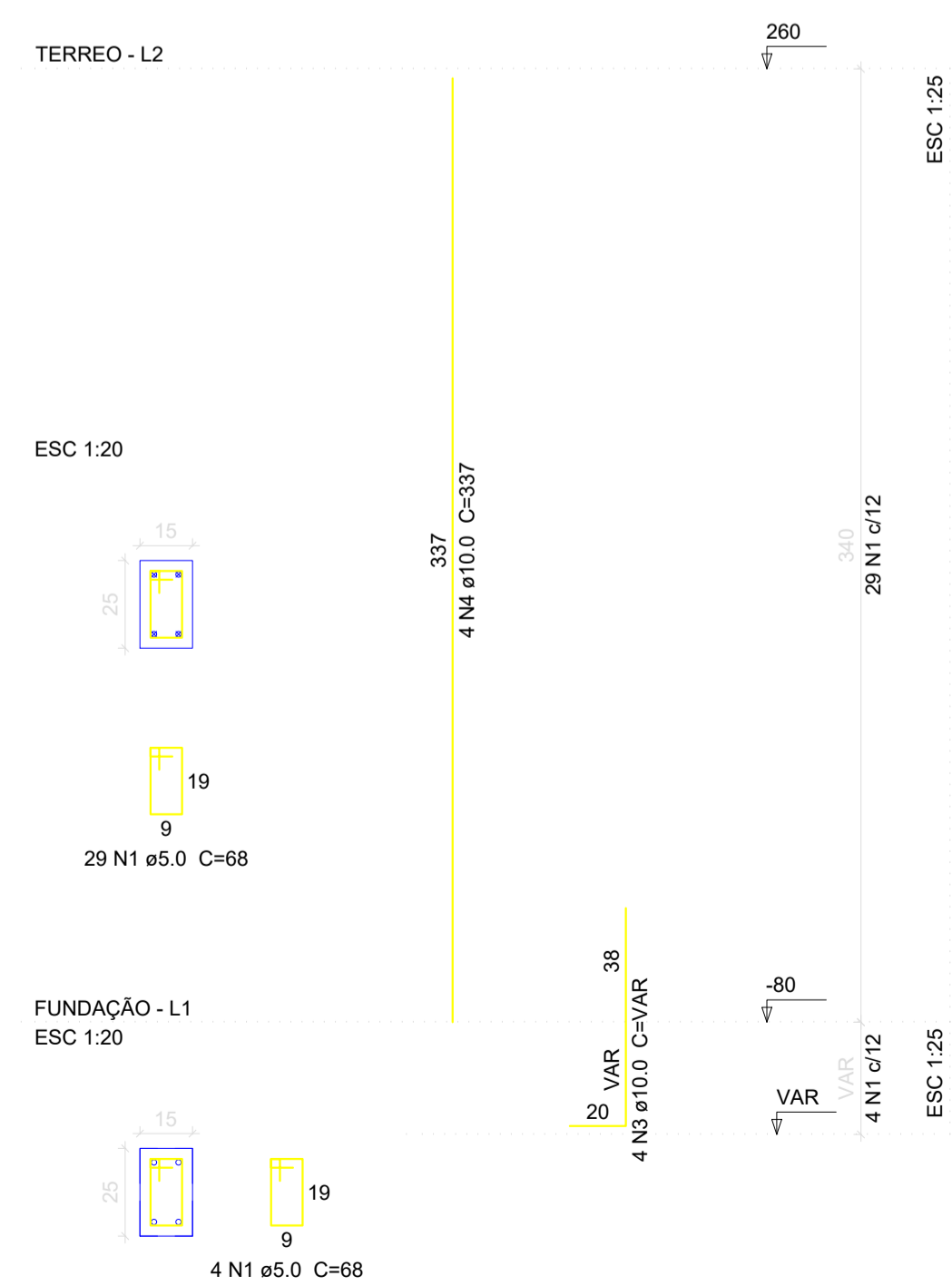
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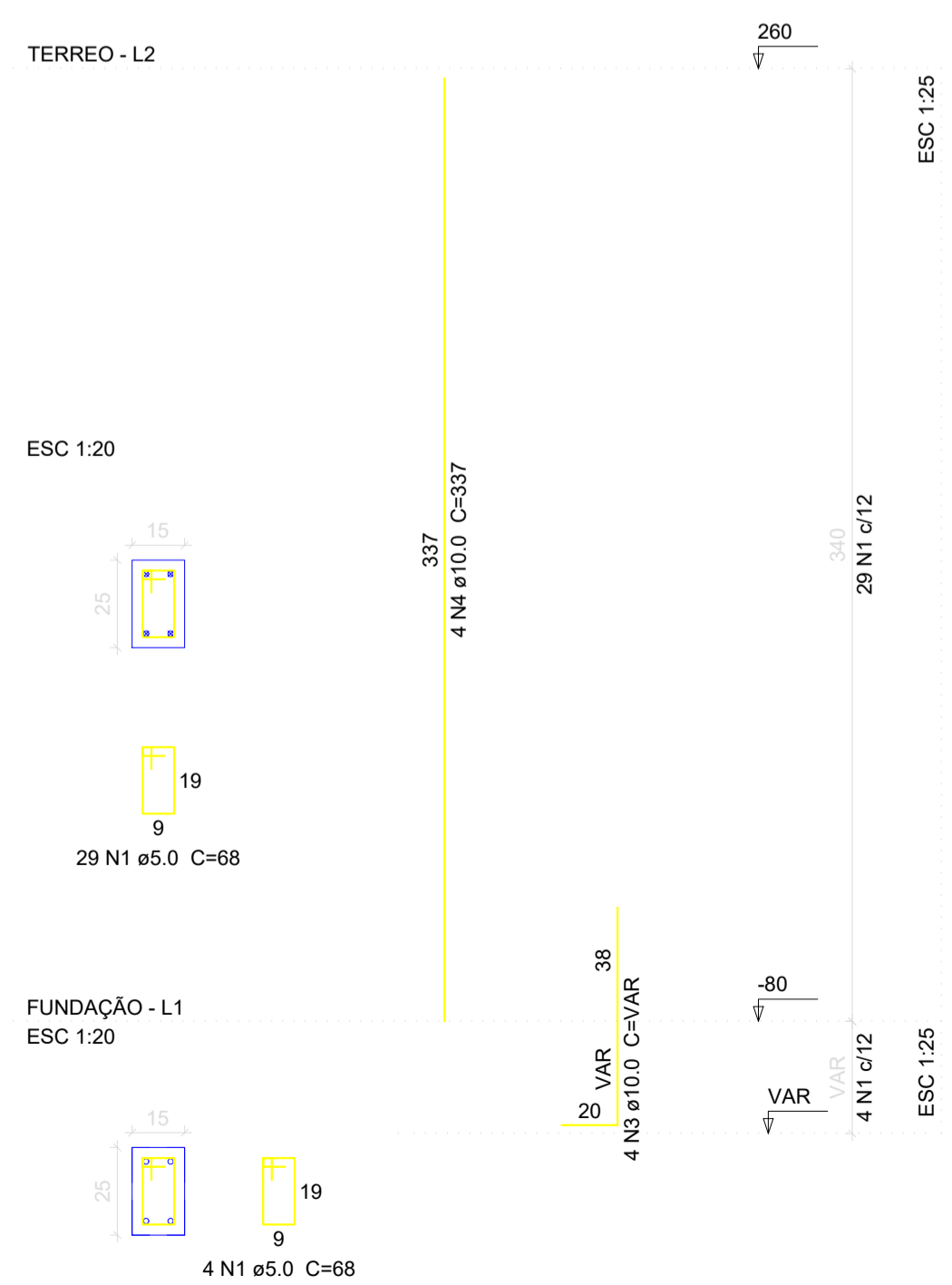
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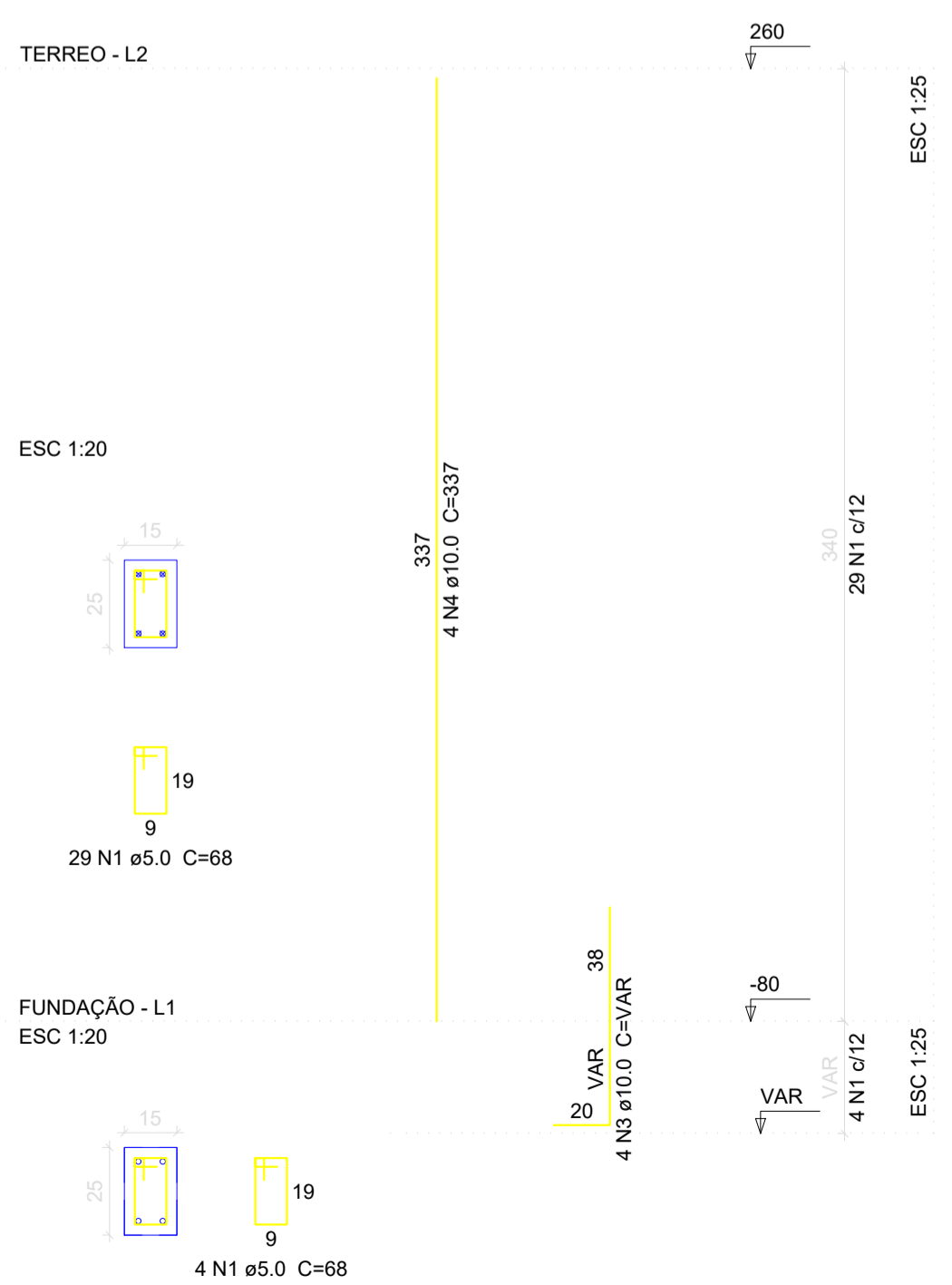
P30



P31



P32



Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	231	68	15708
CA50	2	5.0	33	88	2904
CA50	3	10.0	32	VAR	VAR
CA50	4	10.0	32	337	10784

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	138.6	94
CA60	5.0	186.2	31.6
PESO TOTAL			
CA50			94
CA60			31.6

Vol. de concreto total (C-25) = 1.23 m³
Área de forma total = 25.08 m²

UEMS CLIENTE: **UNIVERSIDADE ESTADUAL DE MATO GROSSO DO SUL**

TÍTULO: **Laboratório de Solos - Mundo Novo** PROJETO: **ESTRUTURAL**

LOCAL: **BR 163 MUNDO NOVO - MS**

AUTOR DO PROJETO: **WAGNER LUIZ MANARA - CREA 27.190/D** PROPRIETÁRIO: **UNIVERSIDADE ESTADUAL DE MATO GROSSO DO SUL**

RESPONSÁVEL TÉCNICO: **PILARES EM PRUMADA 4/4** DATA: **09/18**

ESCALA: **INDICADAS** UNIDADE: **METRO** ARQUIVO: **Estrutural Completo** DATA: **09/2020** DESENHO: **TIAGO** REVISÃO: **ROD** VISTO: **ARQ-AP**