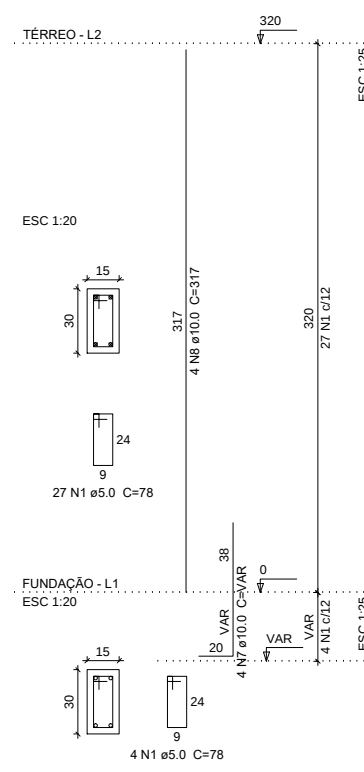
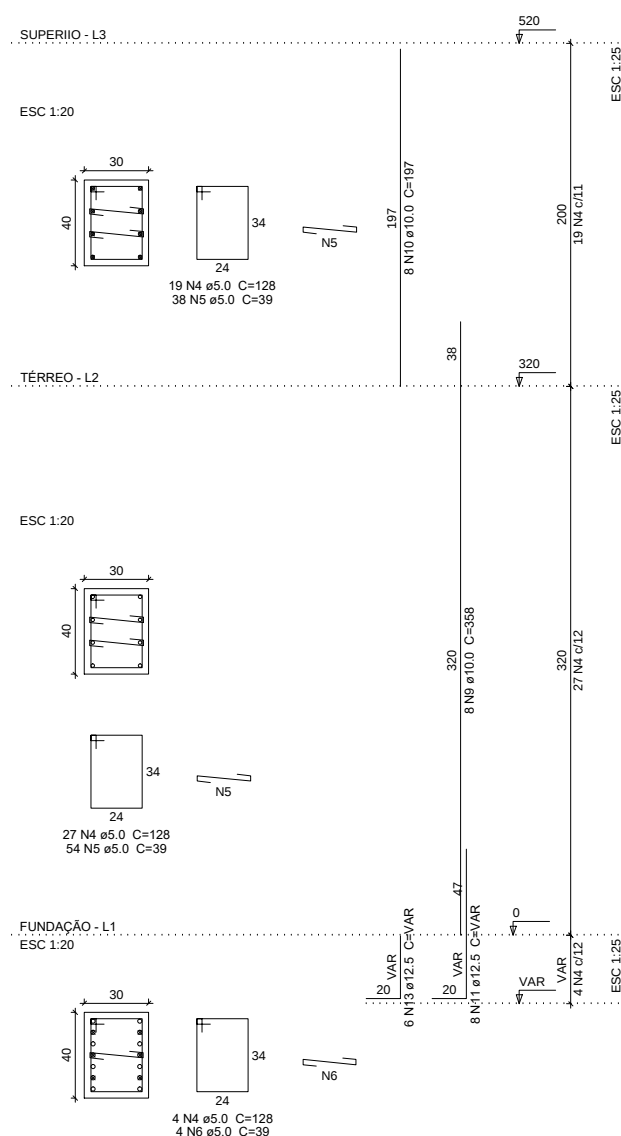
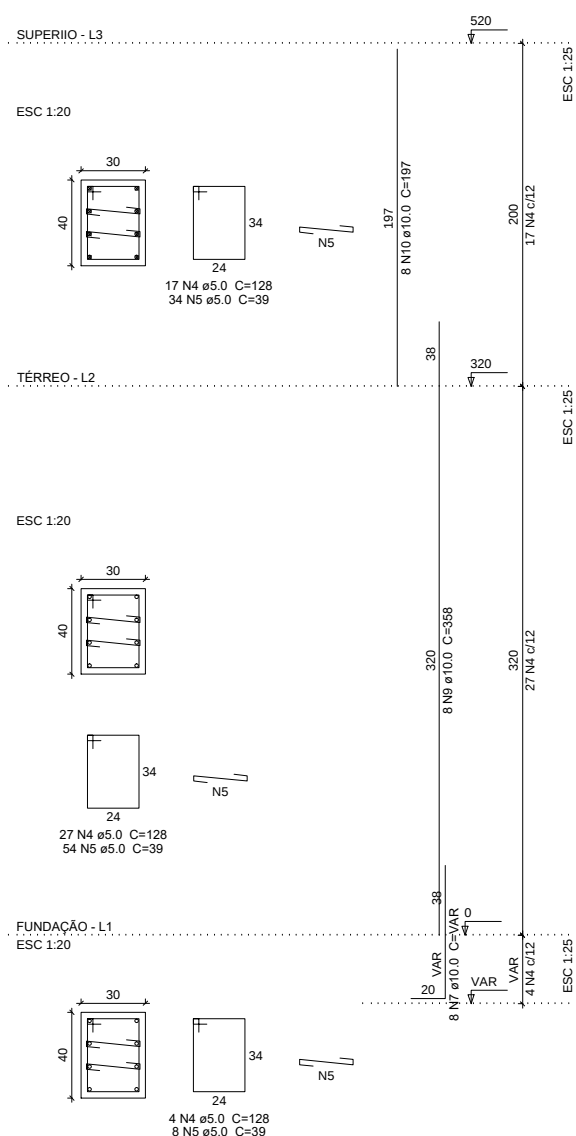
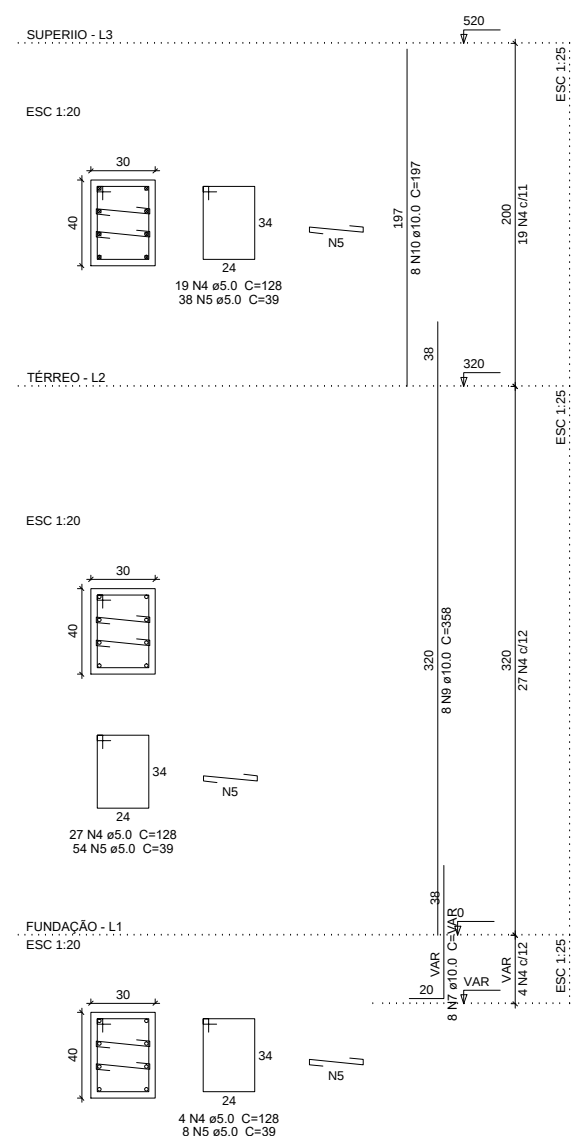
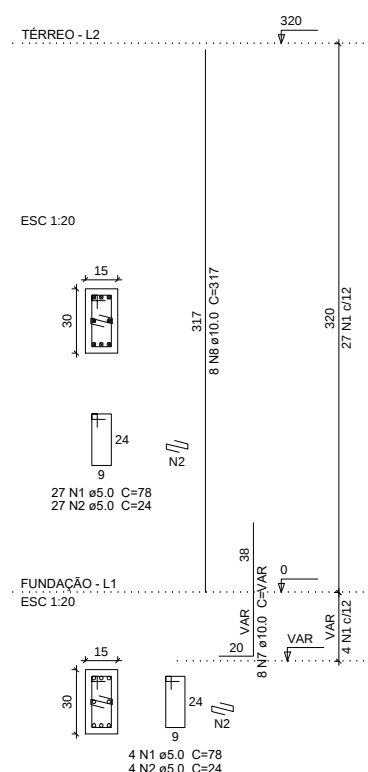


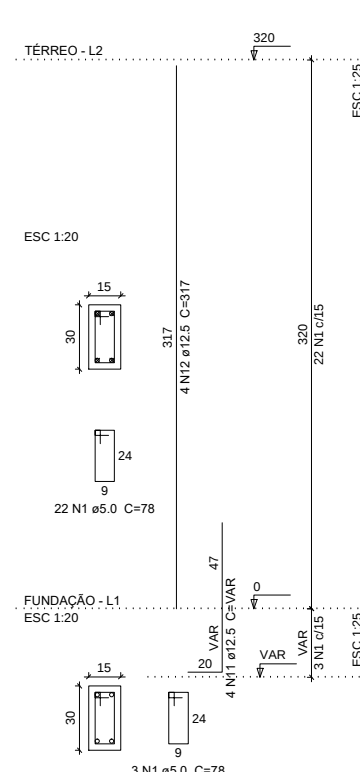
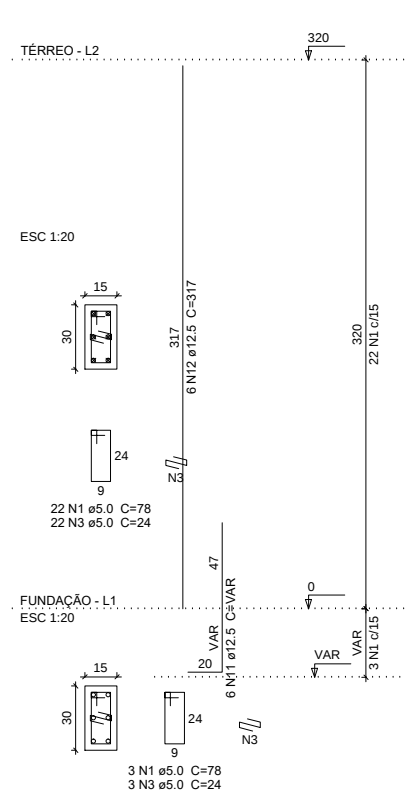
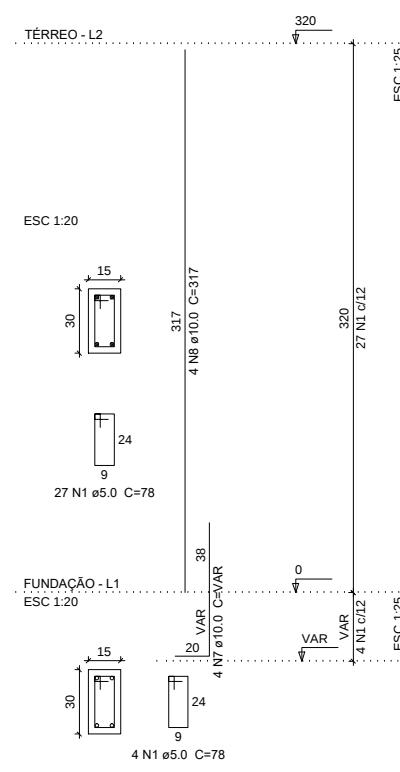


Relação do aço					
P9		P10		P11	
P12		P13		P14	
P15		P16			
ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	143	78	11154
	2	5.0	31	24	744
	3	5.0	25	24	600
	4	5.0	149	28	1884
	5	5.0	288	39	11232
	6	5.0	4	39	156
CA50	7	10.0	32	VAR	VAR
	8	10.0	15	31	507
	9	10.0	34	358	8592
	10	10.0	24	197	4728
	11	12.5	18	VAR	VAR
	12	12.5	10	17	3370
		13	12.5	6	VAR



DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
10.0	214.7	145.6
12.5	53.7	56.9
5.0	428.3	72.6

Volume de concreto (C-25) = 2.83 m³
Área de forma = 39.72 m²



Projeto: PROJETO ESTRUTURAL EXECUTIVO		Data: 30/01/2020	
Local: AV. 19 DE MAIO - JARDIM SÃO LOURENÇO S/N			
Nome Proprietário: PREFEITURA MUNICIPAL ESTIVA GERBI - SP			
Folha: 02/10	Planta: PILARES - CONSTRUÇÃO DA NOVA SEDE DO CENTRO CULTURAL		
Responsável Técnico: GLAUBER MARTINS ENGENHEIRO CIVIL TEL (19) 98272 9887		CREA 5069471150	ESCALA INDICADA

CLÁUDIA BOTELHO DE OLIVEIRA DIEGUES
Prefeita Municipal

JAIMÉ ABREU JUNIOR
GESTOR TÉCNICO E FISCAL DE MEDIÇÃO
ENGENHEIRO CIVIL - CREA - SP 80701688-0

GLAUBER MARTINS
AUTOR DO PROJETO E RESPONSÁVEL TÉCNICO PELA OBRA
ENGENHEIRO CIVIL - CREA - SP. 506 947 115-0
INSC. MUNICIPAL :- 29268-0
ART:28027230191502806