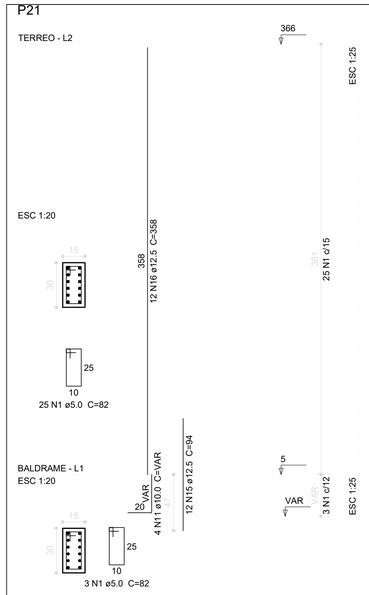
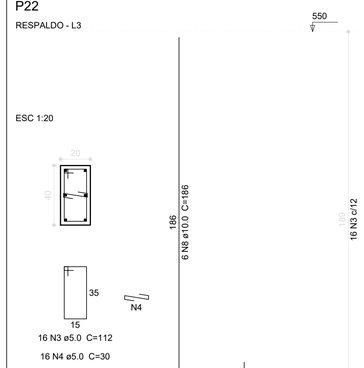
P21

TERREO - L2

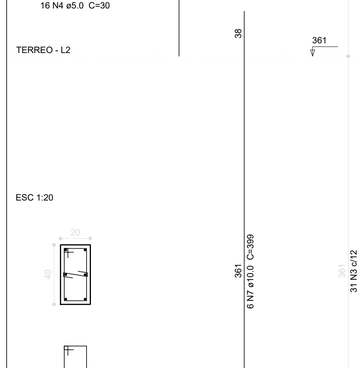


P22

RESPALDO - L3

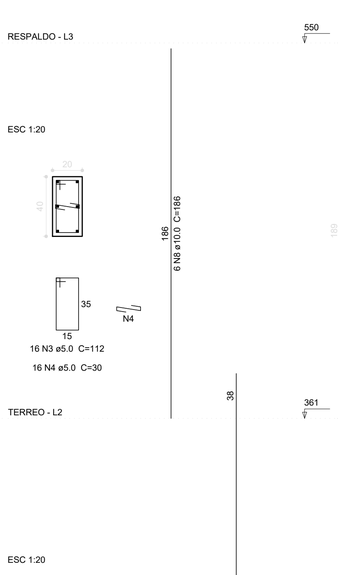


TERREO - L2

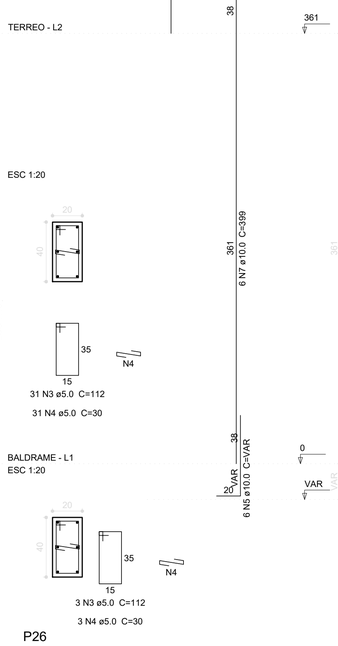


P27

RESPALDO - L3

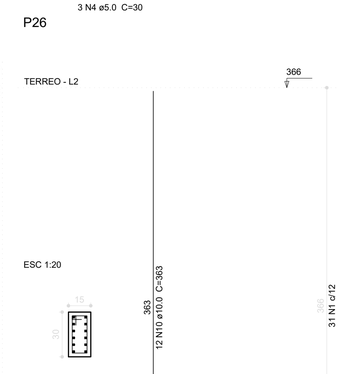


TERREO - L2



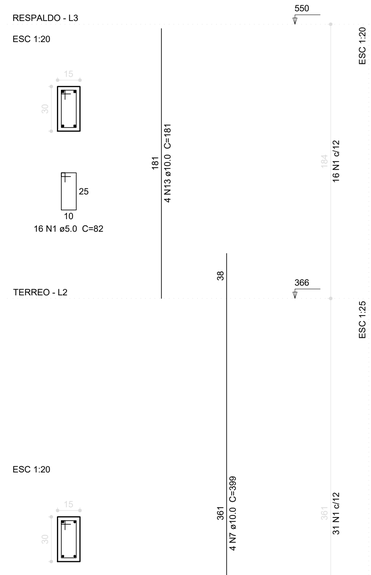
P26

TERREO - L2

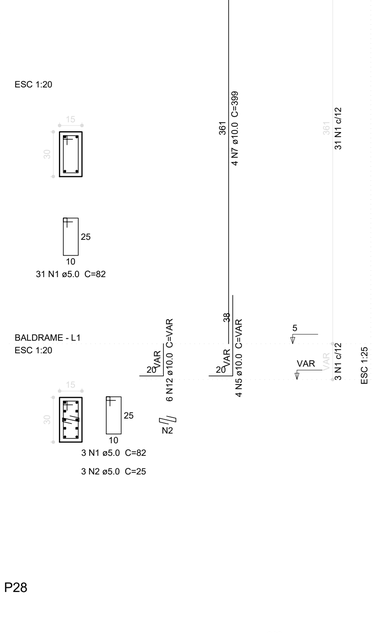


P23

RESPALDO - L3

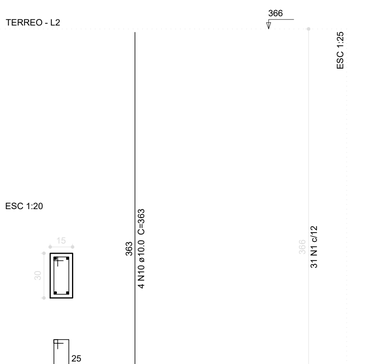


TERREO - L2



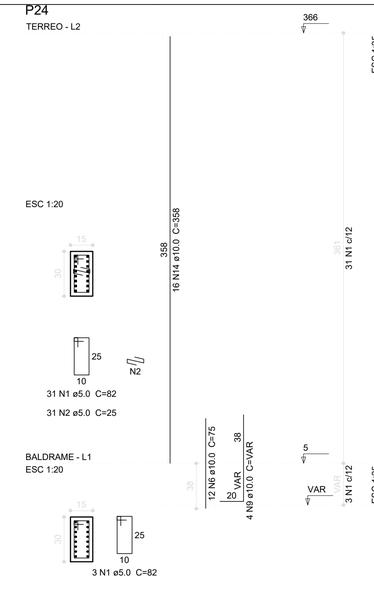
P28

TERREO - L2



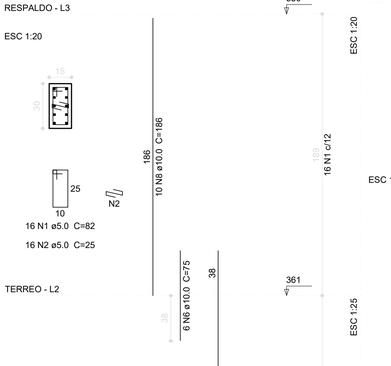
P24

TERREO - L2

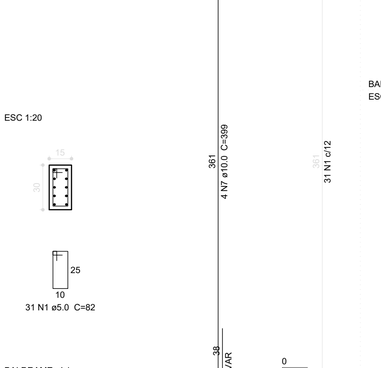


P29

RESPALDO - L3

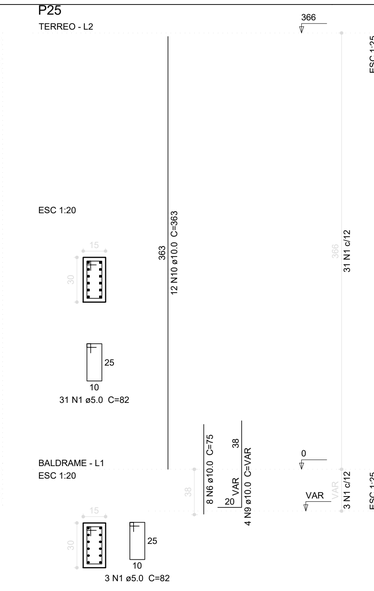


TERREO - L2



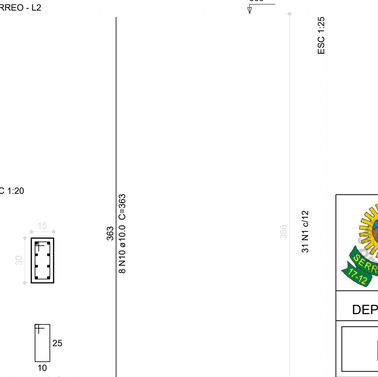
P25

TERREO - L2



P30

TERREO - L2



Relação do aço dos Pilares

P21 P22 P23
P24 P25 P26
P27 P28 P29
P30

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	298	82	24436
	2	5.0	50	25	1250
	3	5.0	100	112	11200
	4	5.0	100	30	3000
CA50	5	10.0	24	VAR	VAR
	6	10.0	38	75	2850
	7	10.0	20	399	7980
	8	10.0	22	186	4092
	9	10.0	16	VAR	VAR
	10	10.0	36	363	13068
	11	10.0	4	VAR	VAR
	12	10.0	6	VAR	VAR
	13	10.0	4	181	724
	14	10.0	16	358	5728
	15	12.5	12	94	1128
	16	12.5	12	358	4296

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	384.4	260.6
	12.5	54.3	57.5
CA60	5.0	398.9	67.6
PESO TOTAL			
CA50	318.1		
CA60	67.6		

Vol. de concreto total (C-25) = 2.52 m³
Área de forma total = 45.83 m²

AÇO

TIPO	DIAM.	PESO Kg / m
CA - 60	5.0	0,154
CA - 50	6.3	0,248
CA - 50	8.0	0,393
CA - 50	10.0	0,624
CA - 50	12.5	0,988
CA - 50	16.0	1,570
CA - 50	20.0	2,480

PREFEITURA MUNICIPAL DE SERRANIA
CNPJ: 18.243.261/0001-06
Rua Farmacêutico Joao de Paula Rodrigues, 210-centro– CEP: 37143-000

DEPARTAMENTO MUNICIPAL DE OBRAS, VIAÇÃO E SERVIÇOS URBANOS

PROJETO ESTRUTURAL

FOLHA 05-18

ASSUNTO: CENTRO DE CONVIVÊNCIA - 30 PESSOAS/TURNO

ENDEREÇO DA OBRA:

PROPRIETARIO : PREFEITURA MUNICIPAL DE SERRANIA
LOCAL: RUA CEL. ANTÔNIO FAUSTINO, S/N
BAIRRO: CENTRO
CIDADE: SERRANIA - MG

DESCRIÇÃO DO PROJETO:

DETALHAMENTO DOS PILARES E LISTA DE MATERIAIS

ESCALA	DATA	COTAS	ART Nº
INDICADA	24/05/2019	INDICADA	14201900000005470533

LOCALIZAÇÃO :



ESC.: SEM ESCALA

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE SERRANIA
LUIZ GONZAGA RIBEIRO NETO

ENGENHEIRO RESPONSÁVEL DO PROJETO
DANIEL TEIXEIRA
CREA: 88.325/D

OBSERVAÇÃO:

ESTE PROJETO SOMENTE PODERÁ TER CARÁTER EXECUTIVO COM AS ASSINATURAS DOS RESPECTIVOS RESPONSÁVEIS TÉCNICOS E DO CONTRATANTE
TODOS OS DIREITOS DE REPRODUÇÃO, DIVULGAÇÃO ESTÃO RESERVADOS A D.F.T. PROJETOS LTDA., SENDO QUE A CÓPIA NÃO AUTORIZADA ACARRETA COM A VIOLAÇÃO DOS DIREITOS AUTORAIS E DAS NORMAS BRASILEIRAS EM VIGOR.