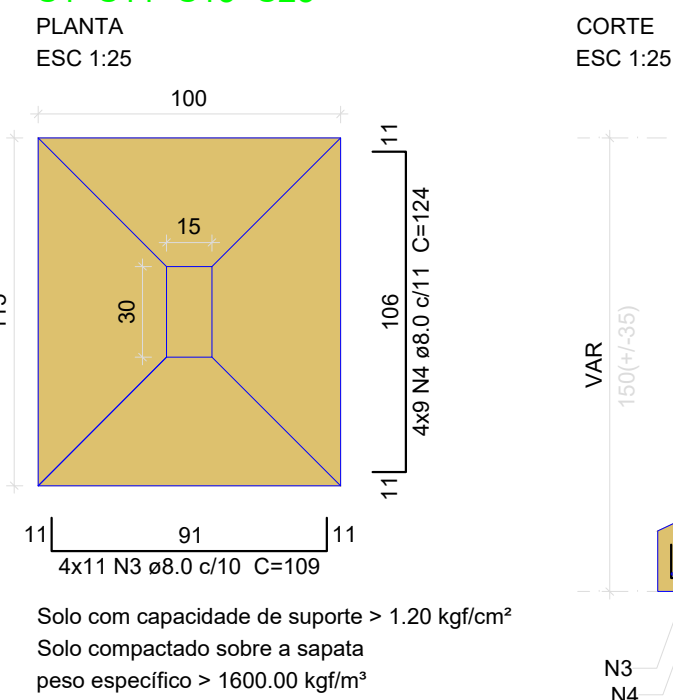
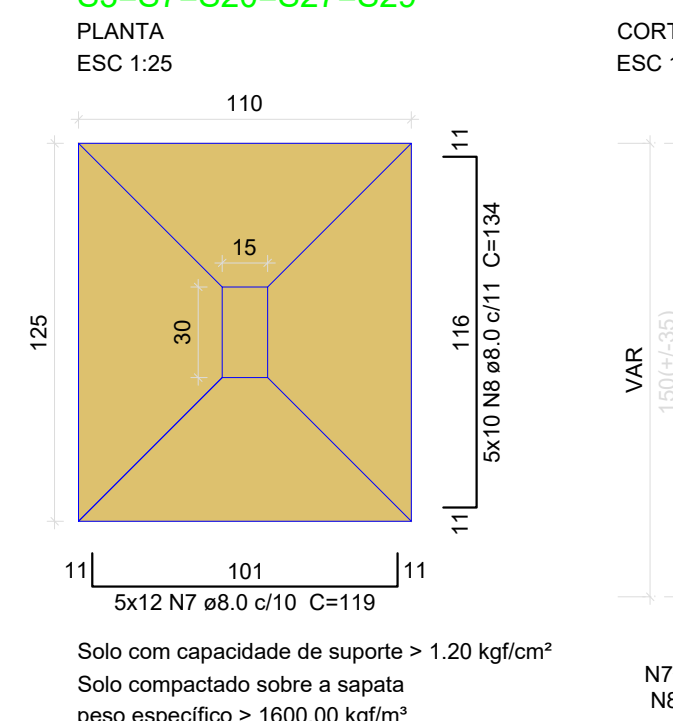


S1=S11=S13=S23



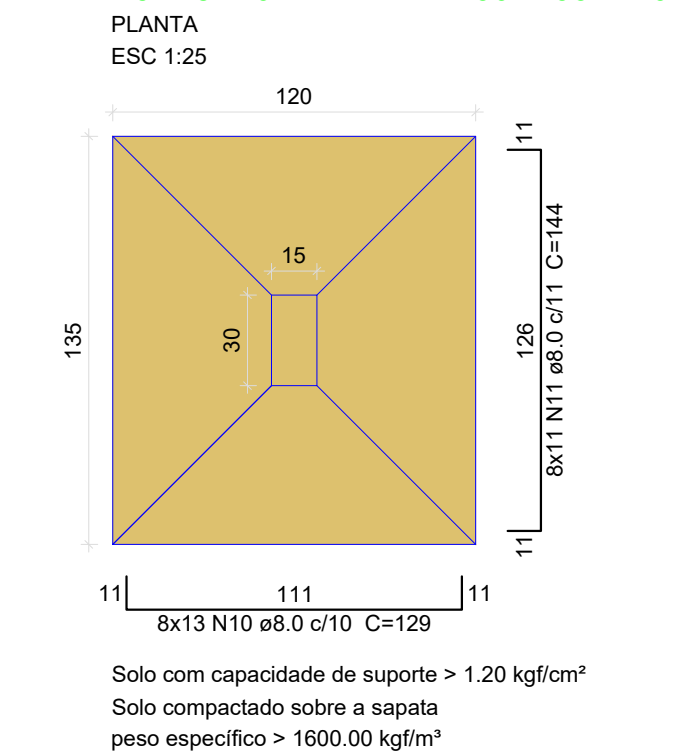
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S3=S7=S20=S27=S29



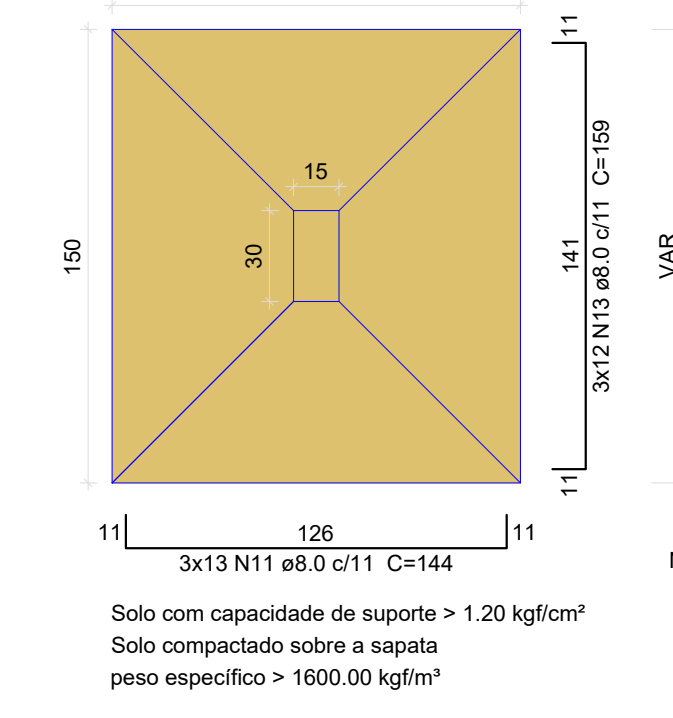
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S5=S8=S9=S22=S24=S30=S33=S40



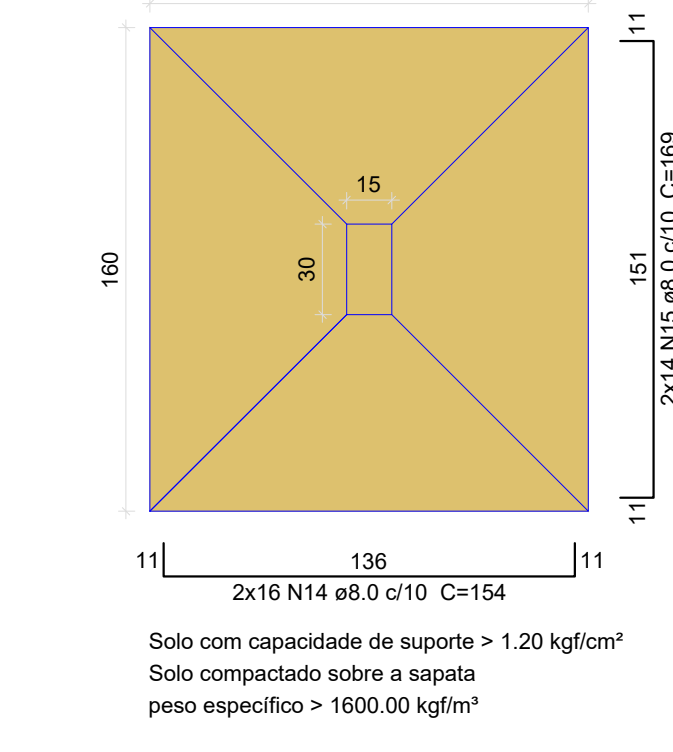
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S14=S19=S32



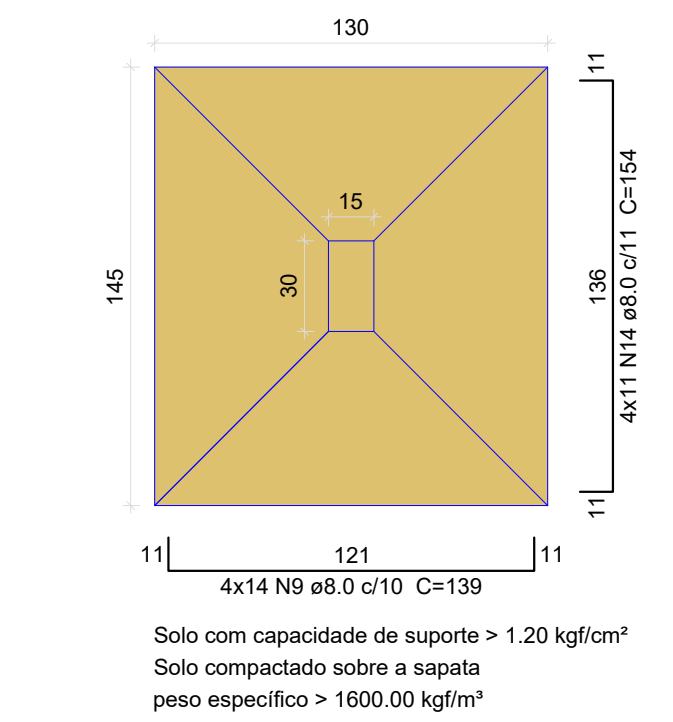
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S17=S39



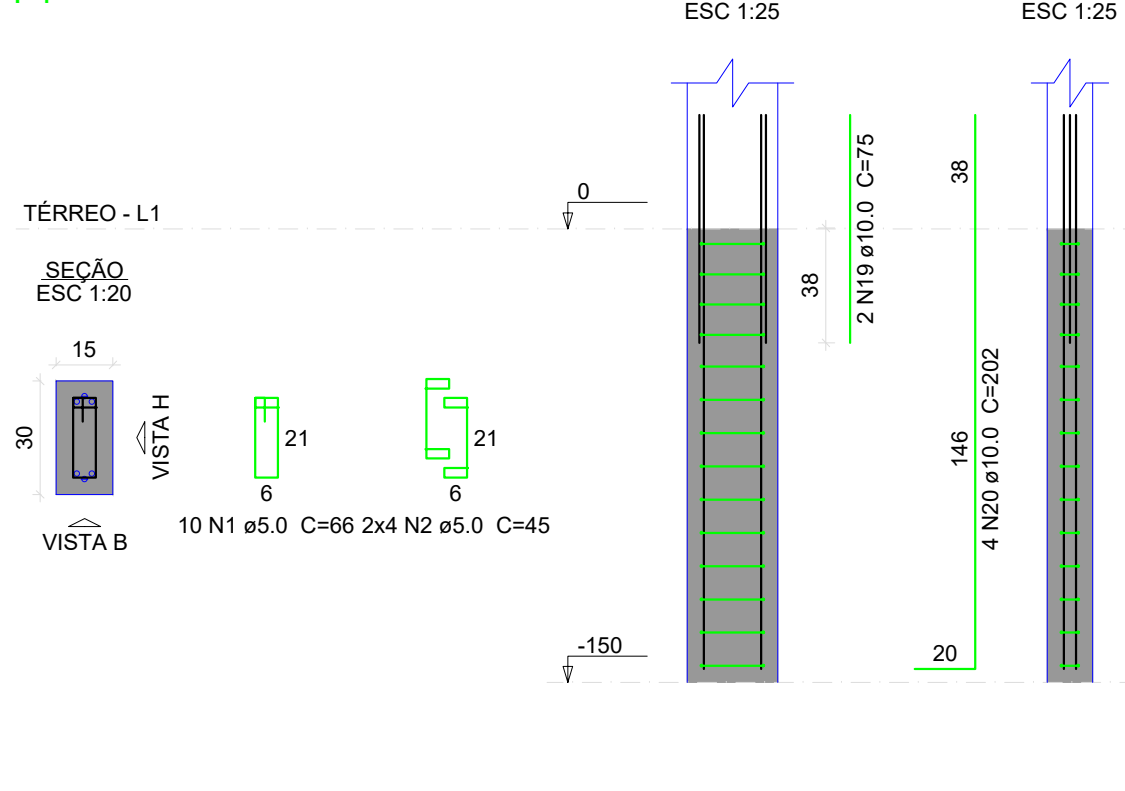
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S18=S25=S31=S38

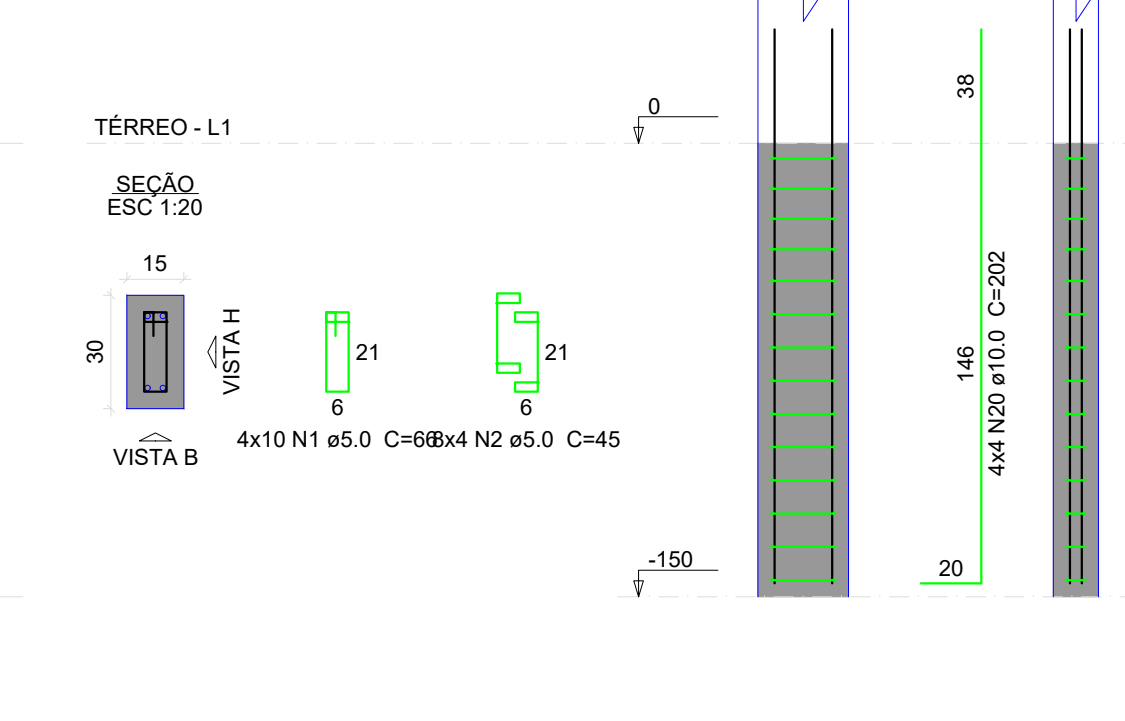


Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

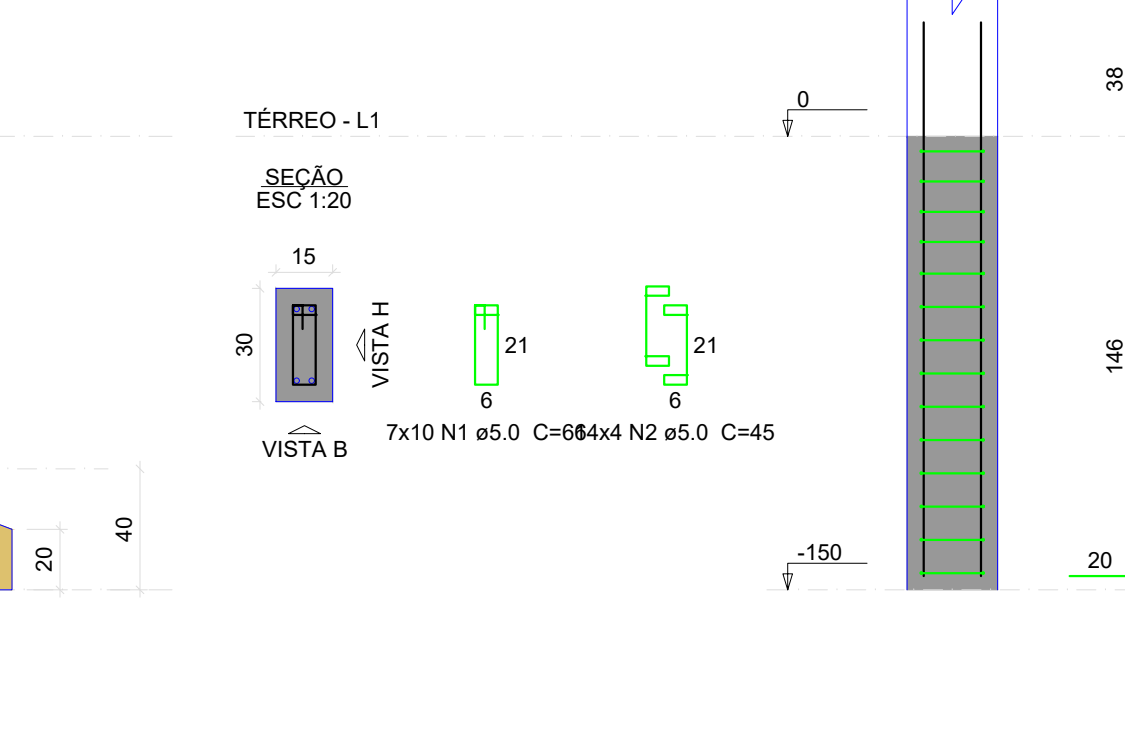
P1



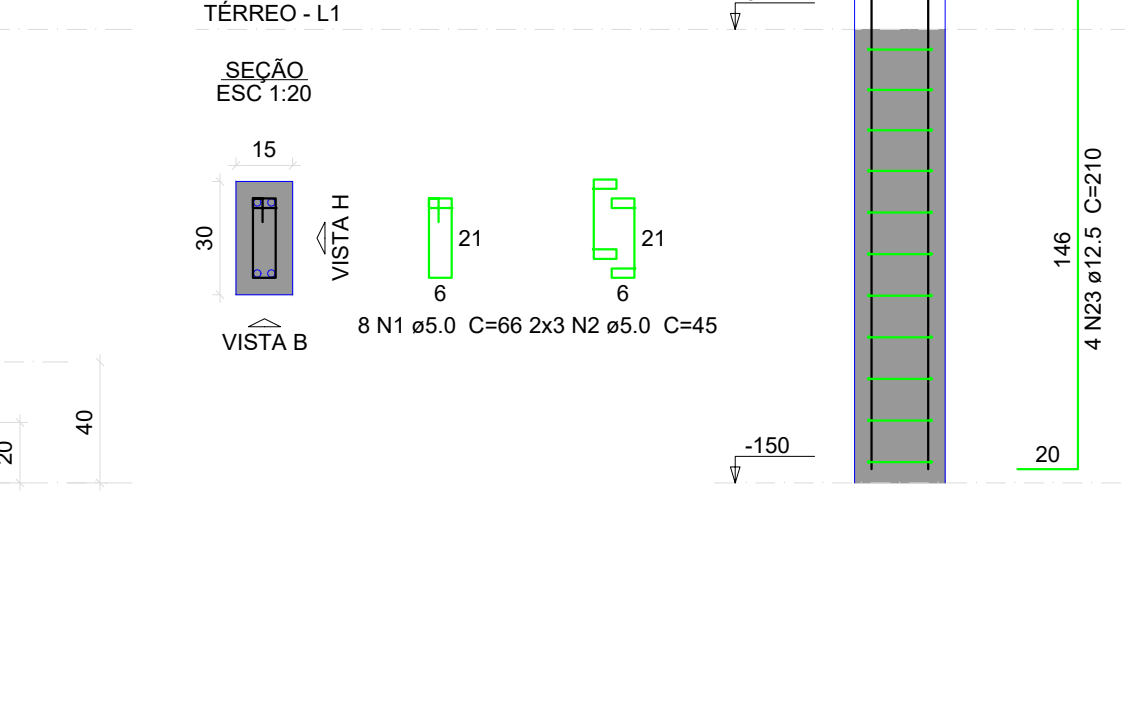
P3=P7=P20=P27



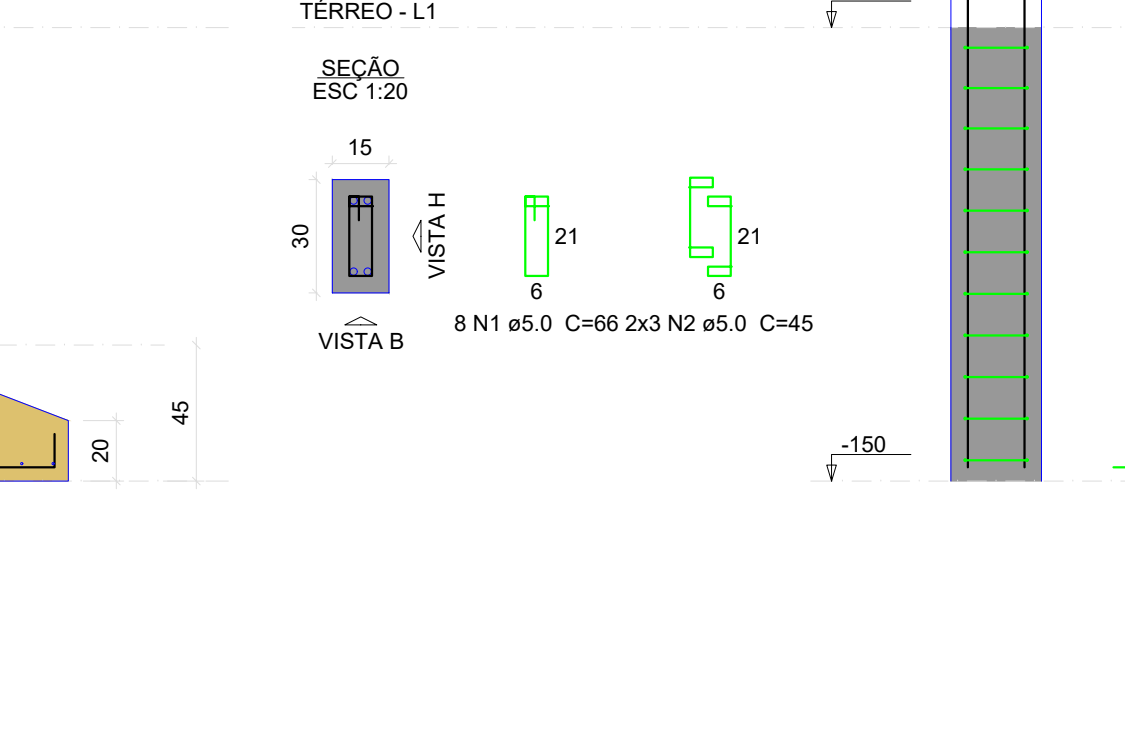
P8=P9=P22=P24=P30=P33=P40



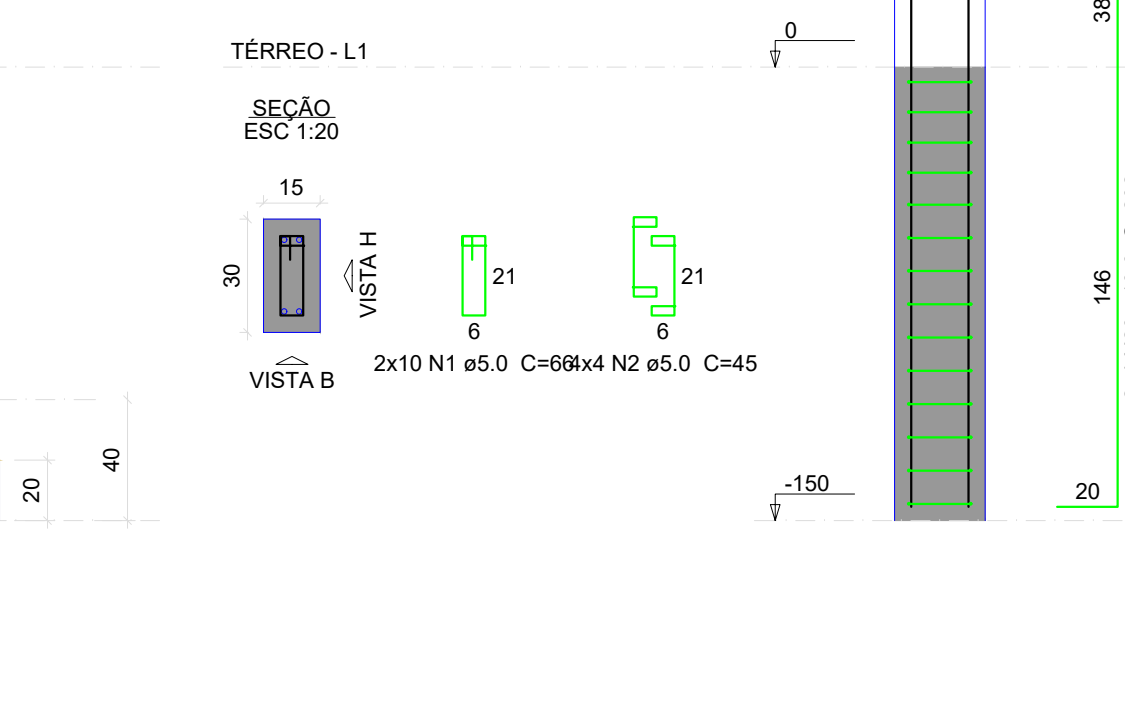
P14



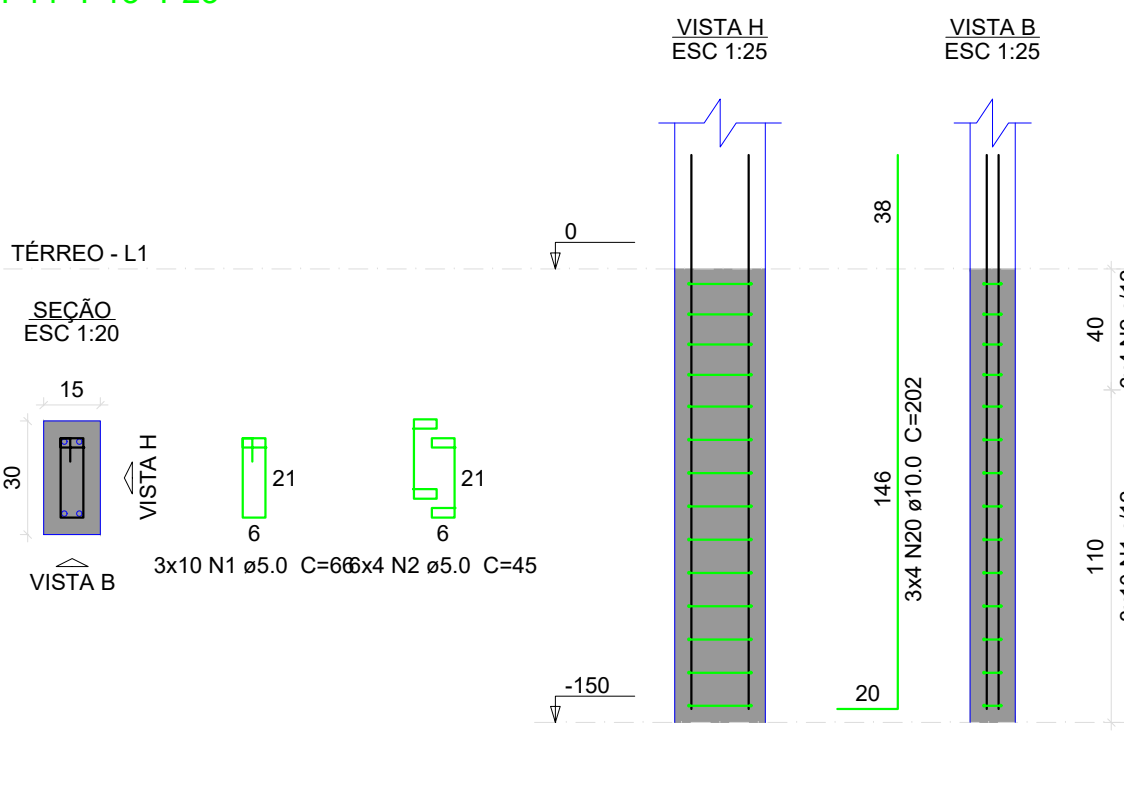
P17



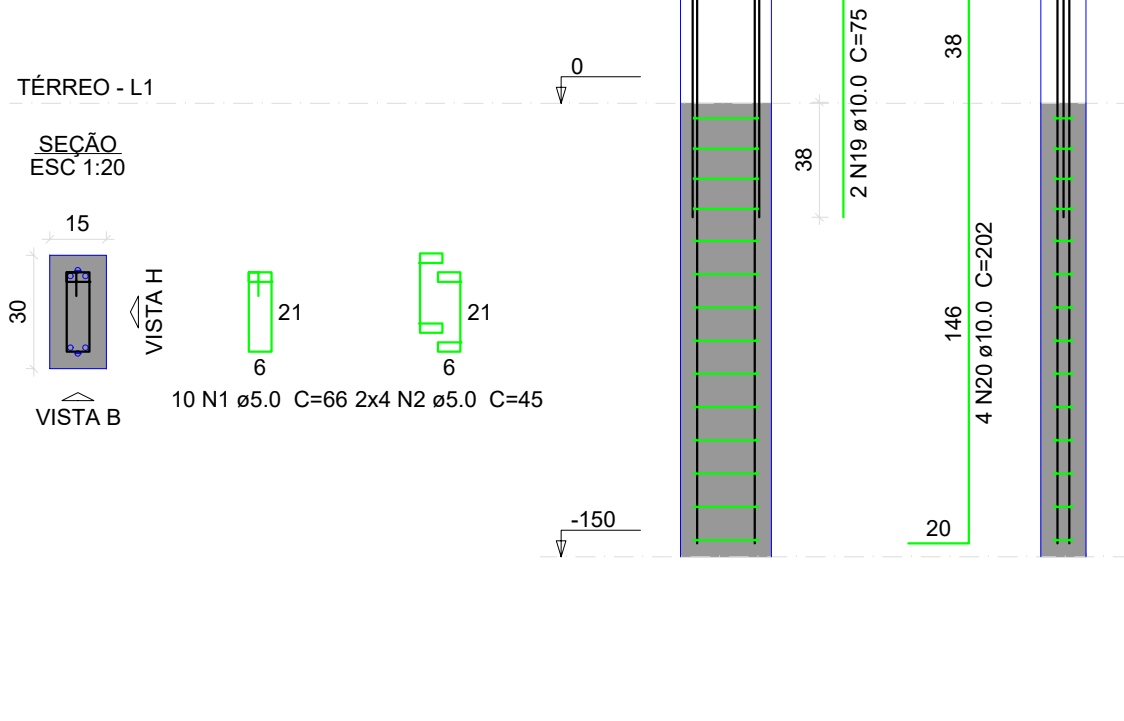
P18=P38



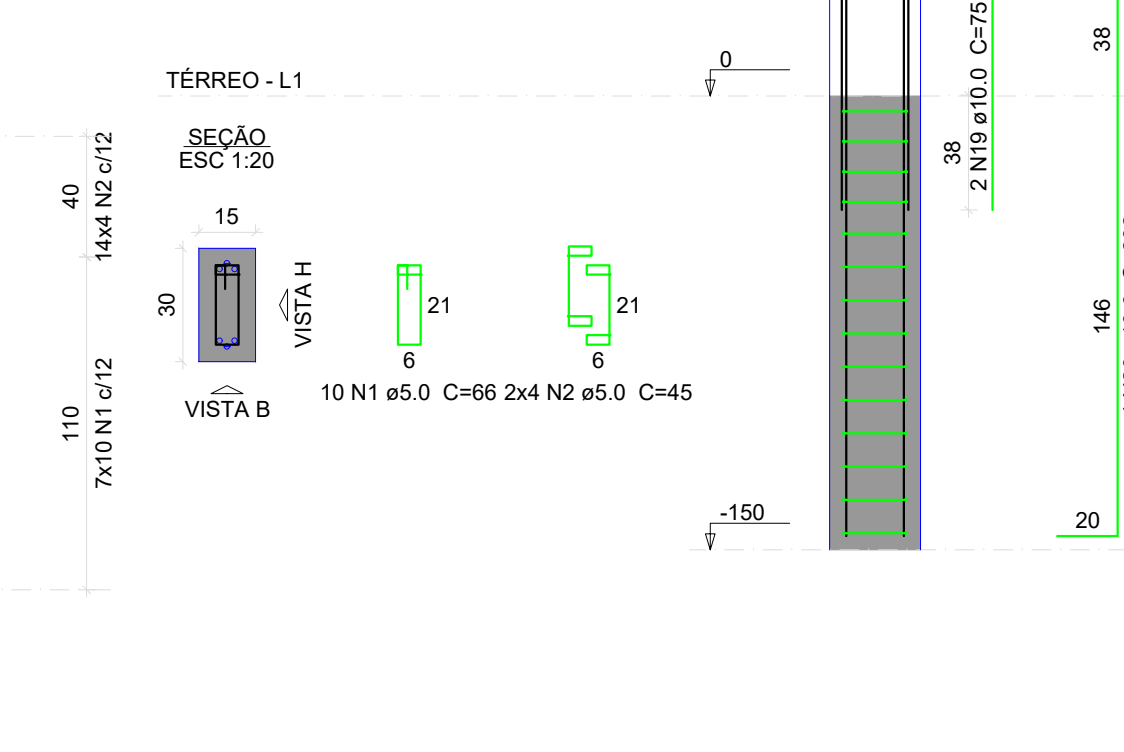
P11=P13=P23



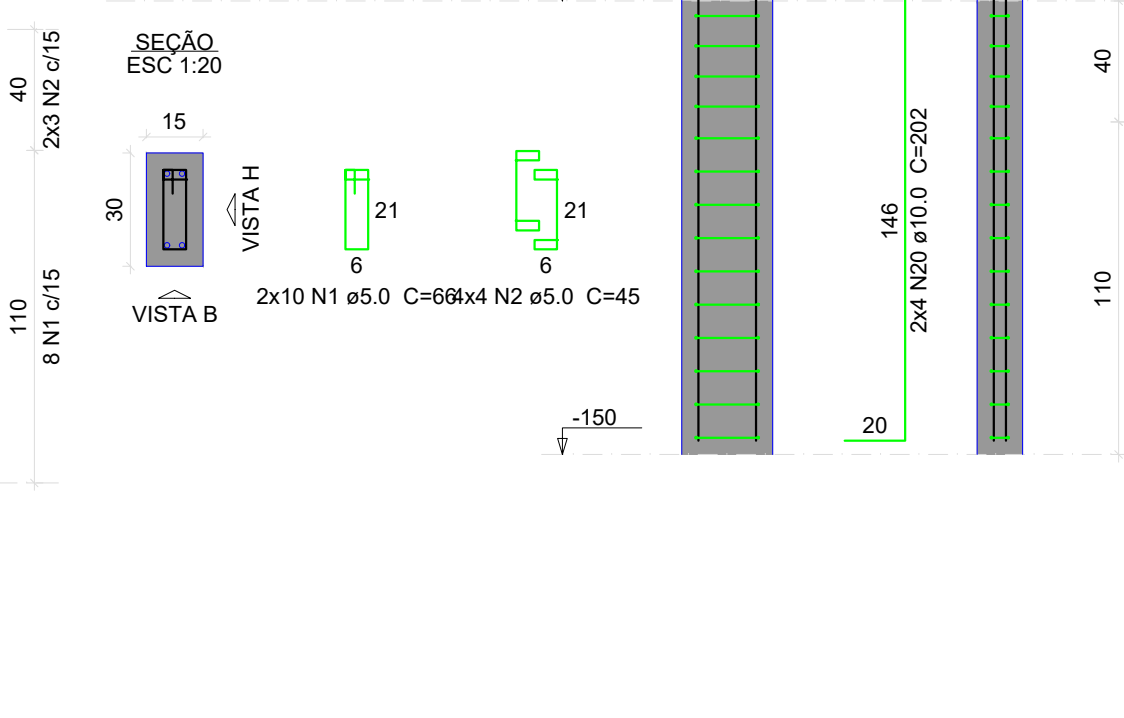
P29



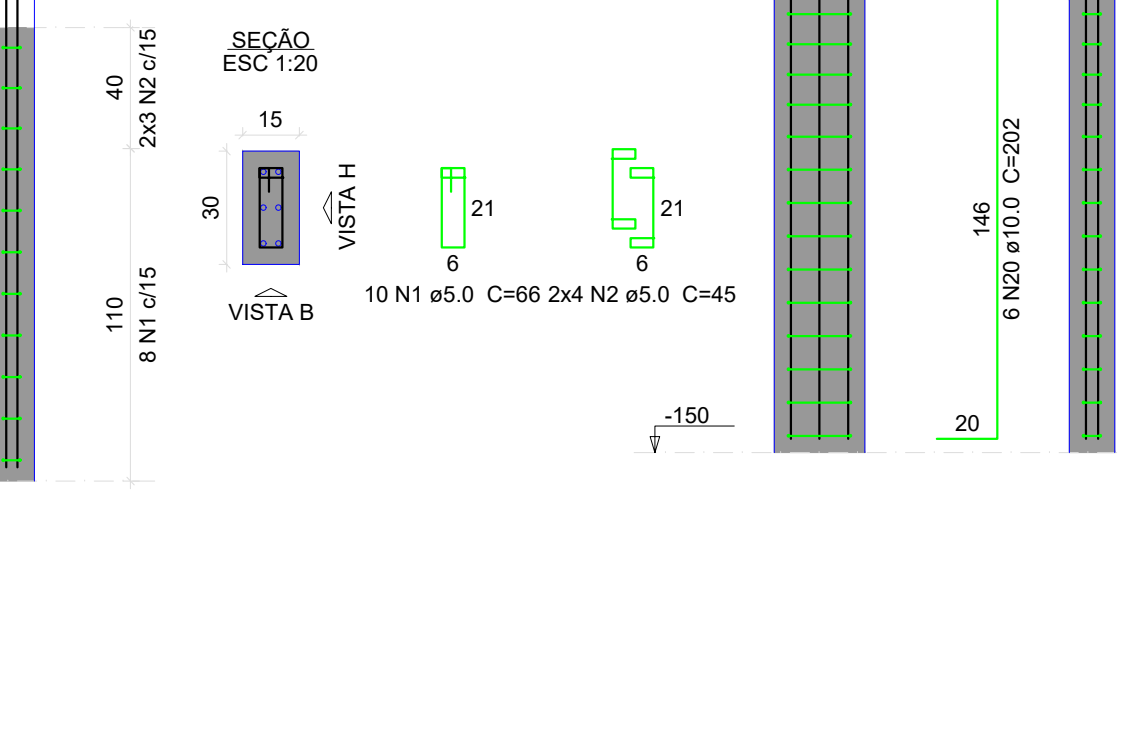
P5



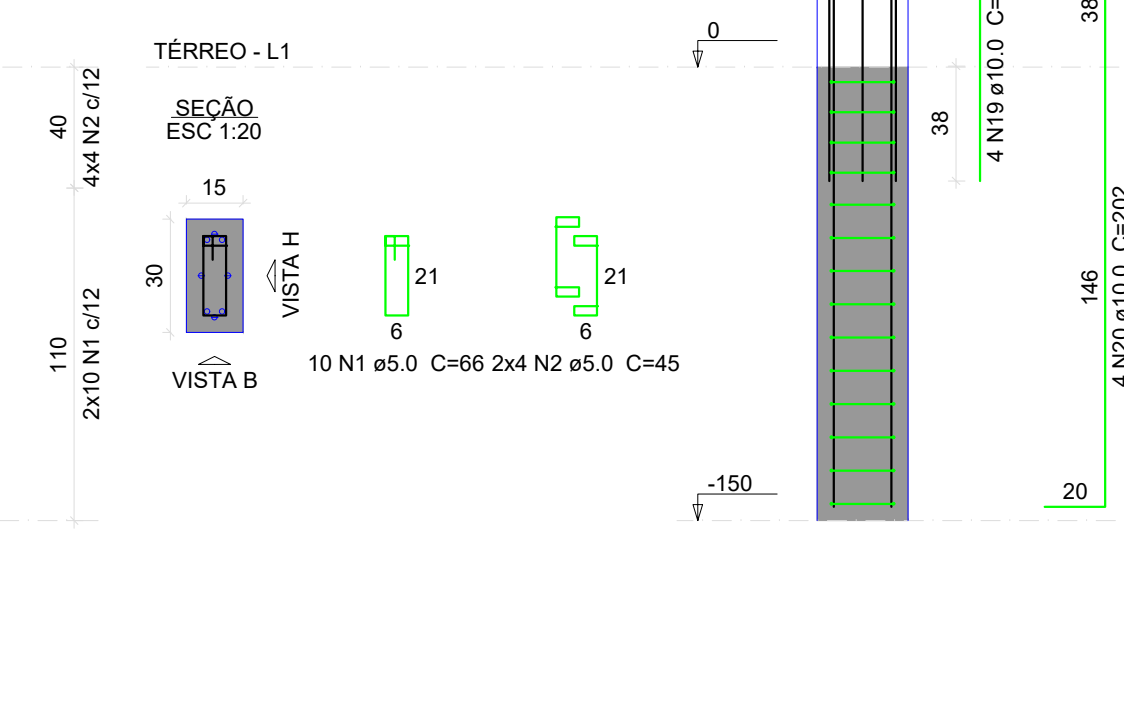
P19=P32



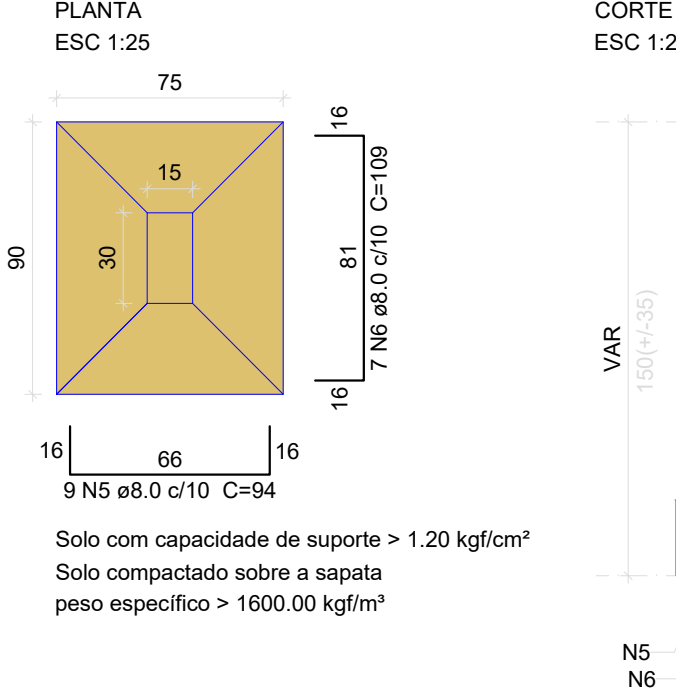
P39



P25

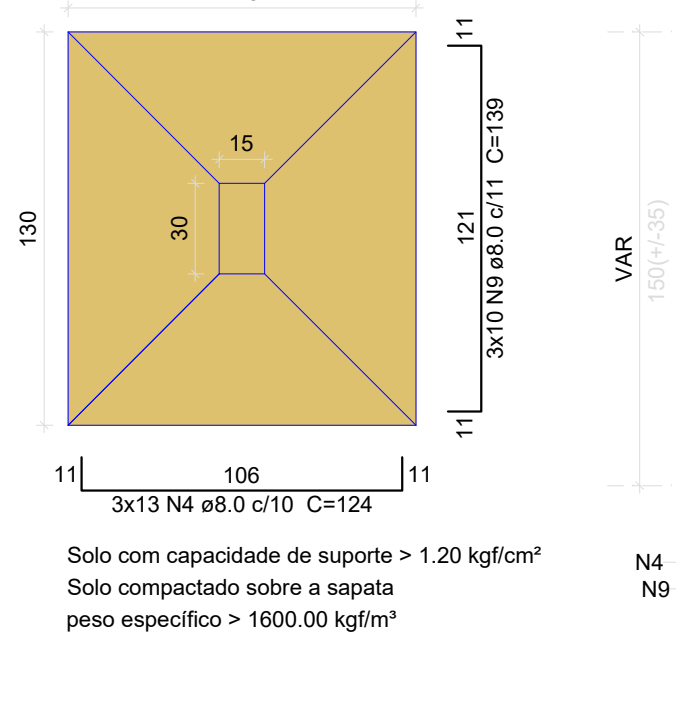


S2



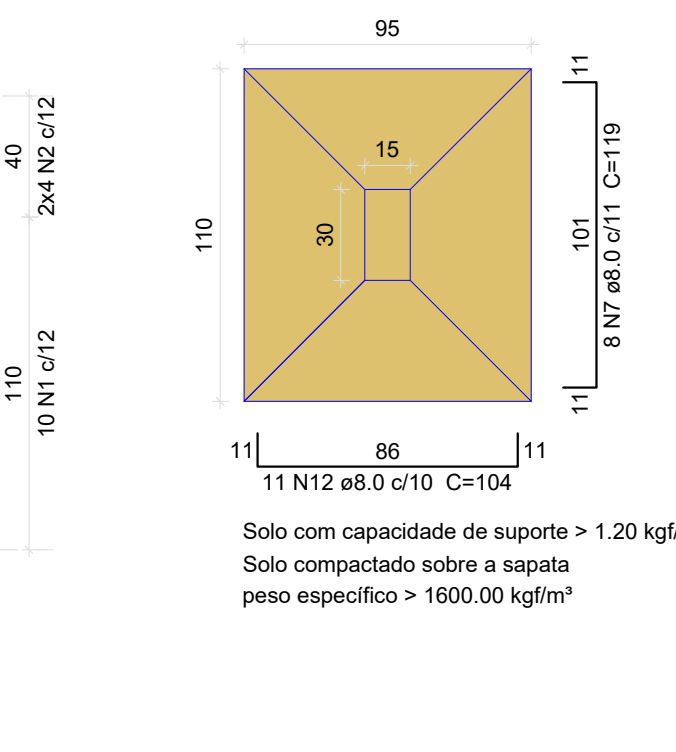
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S4=S6=S10



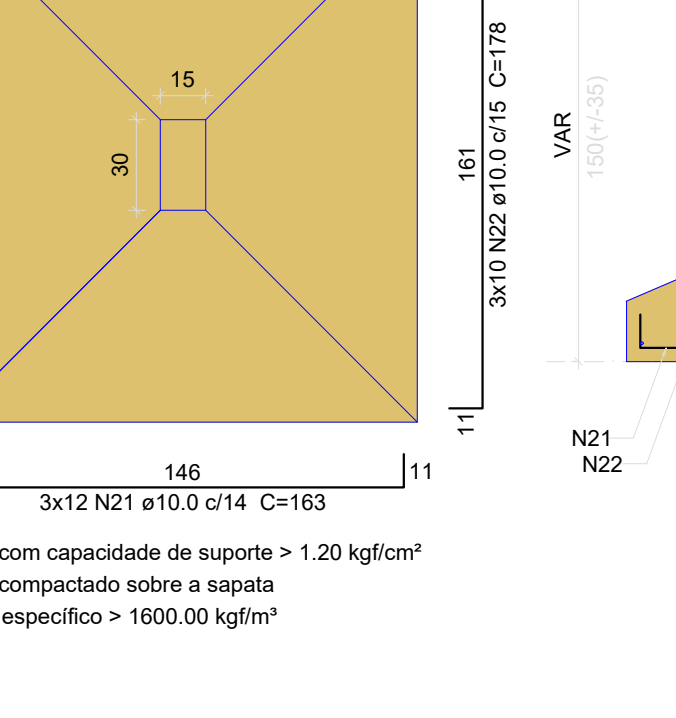
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S12



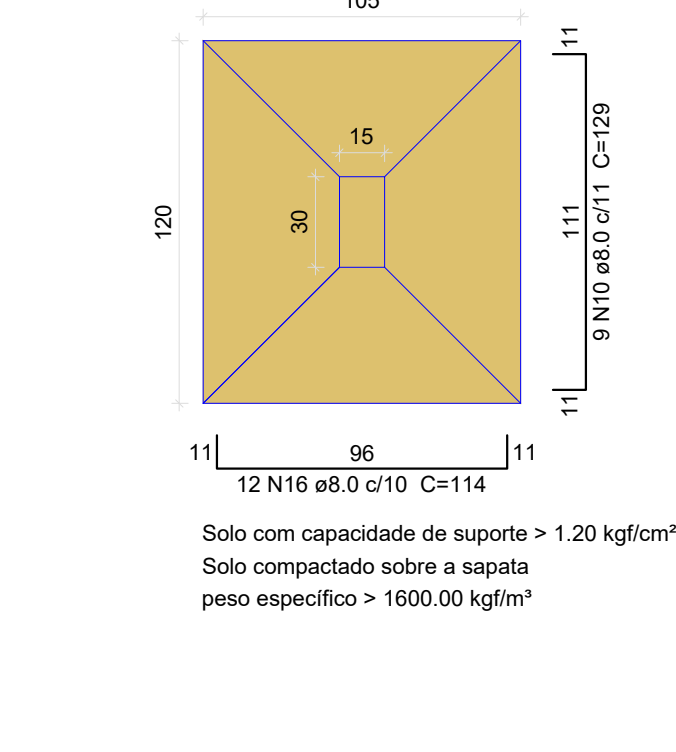
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S15=S16=S42



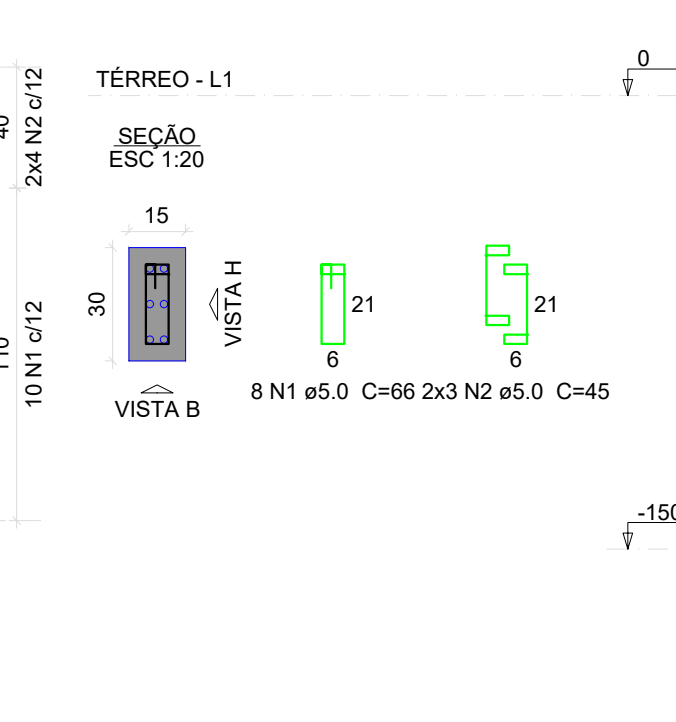
Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S21=S26

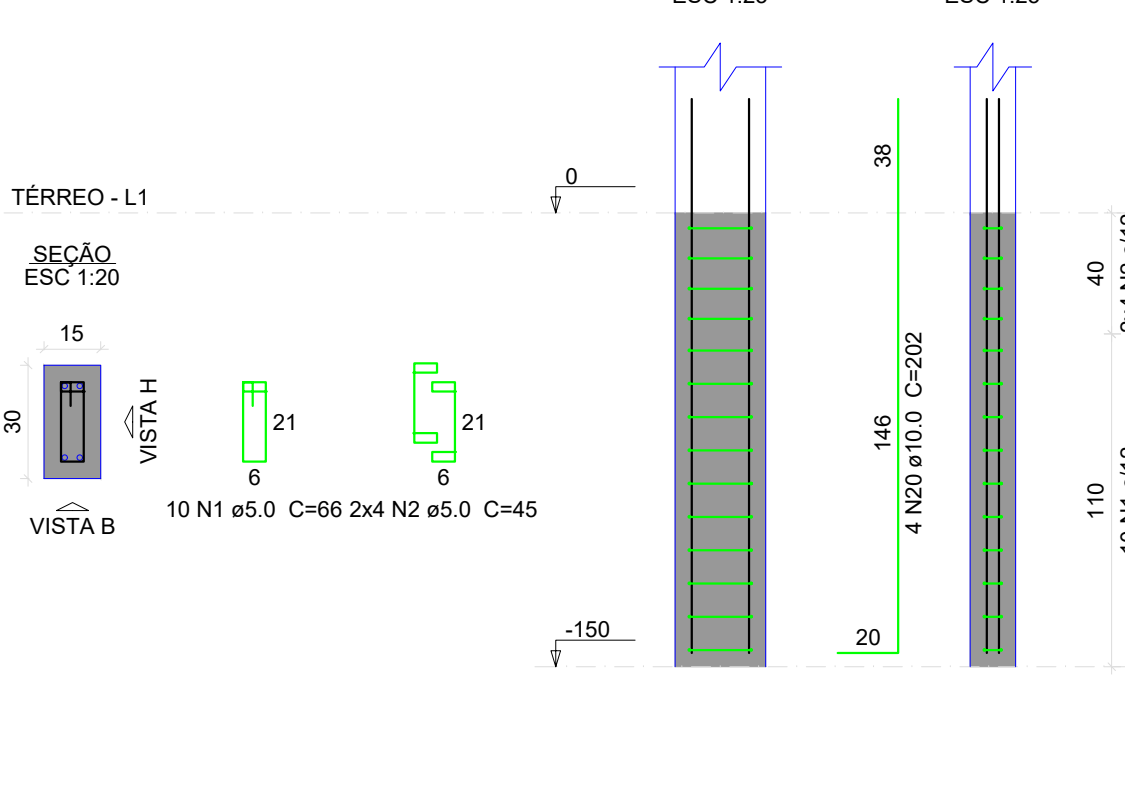


Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

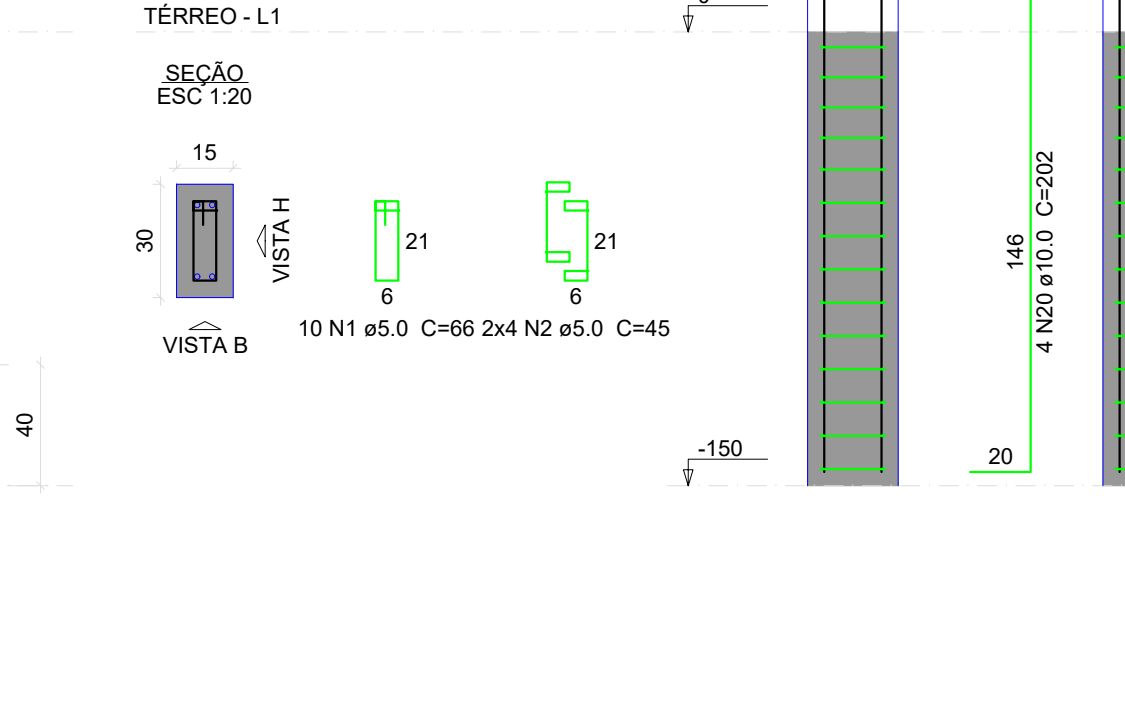
P31



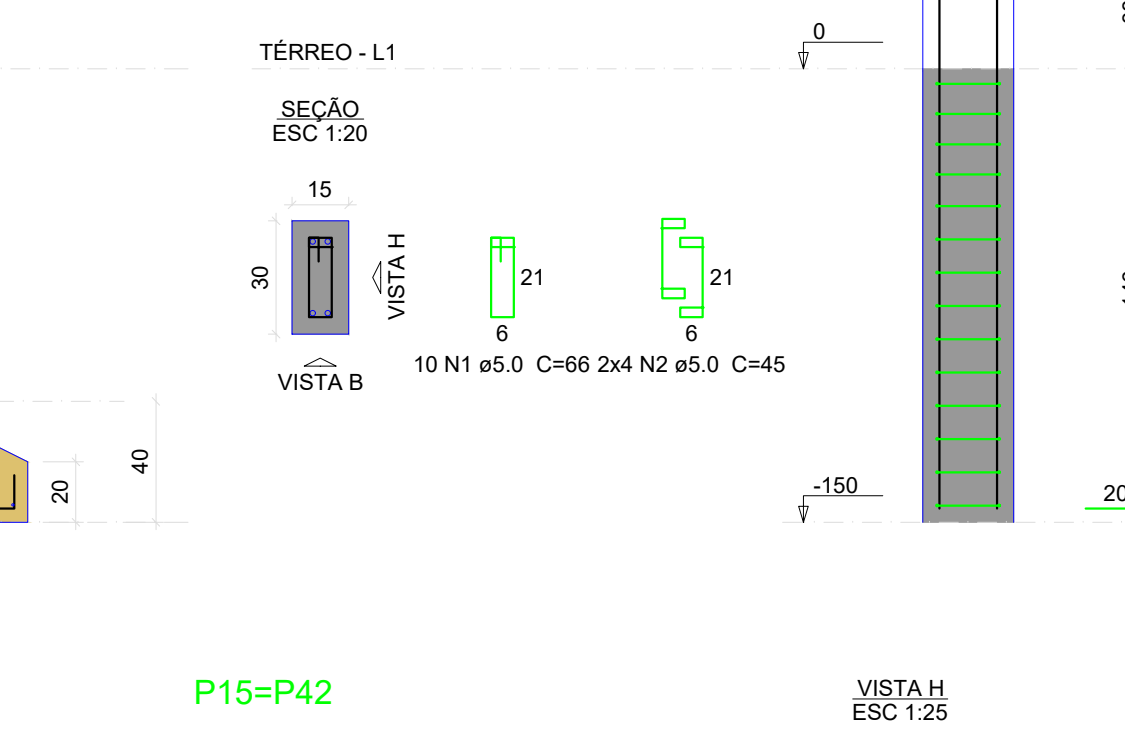
P2



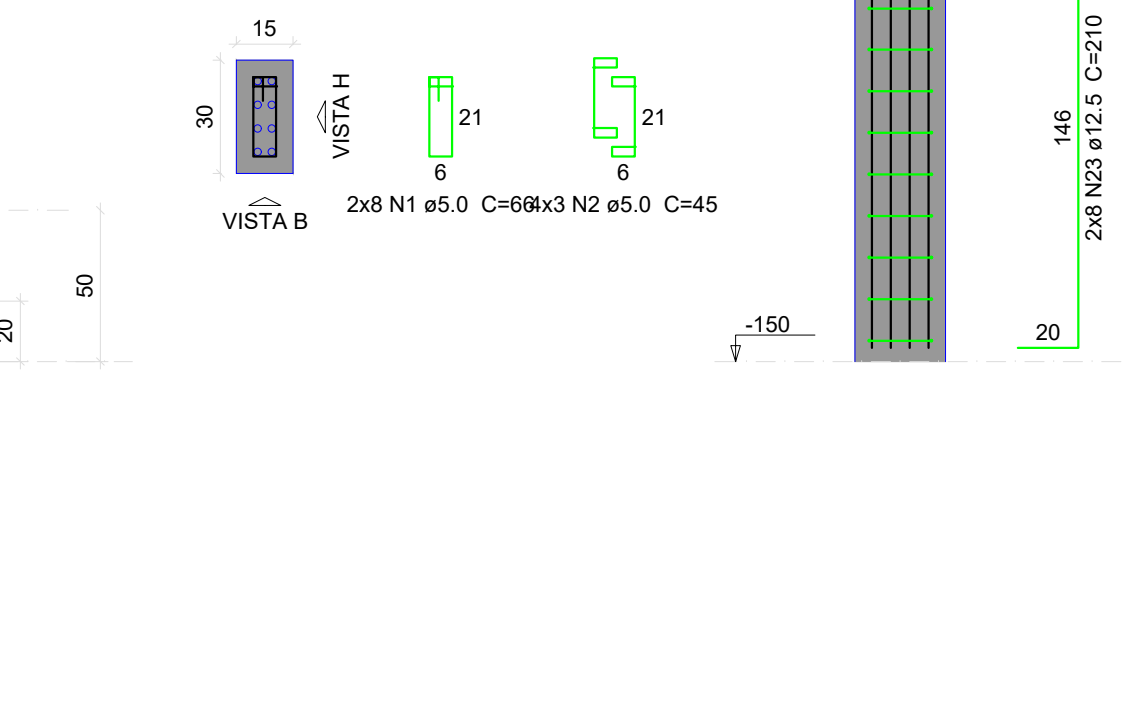
P10



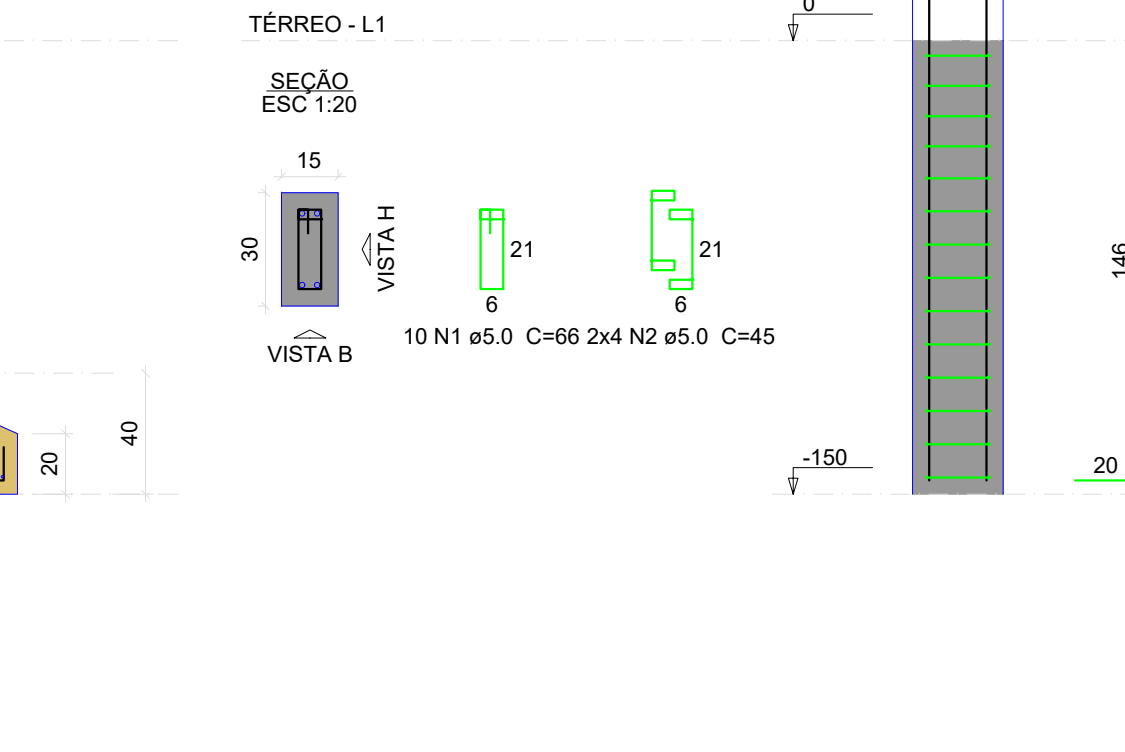
P12



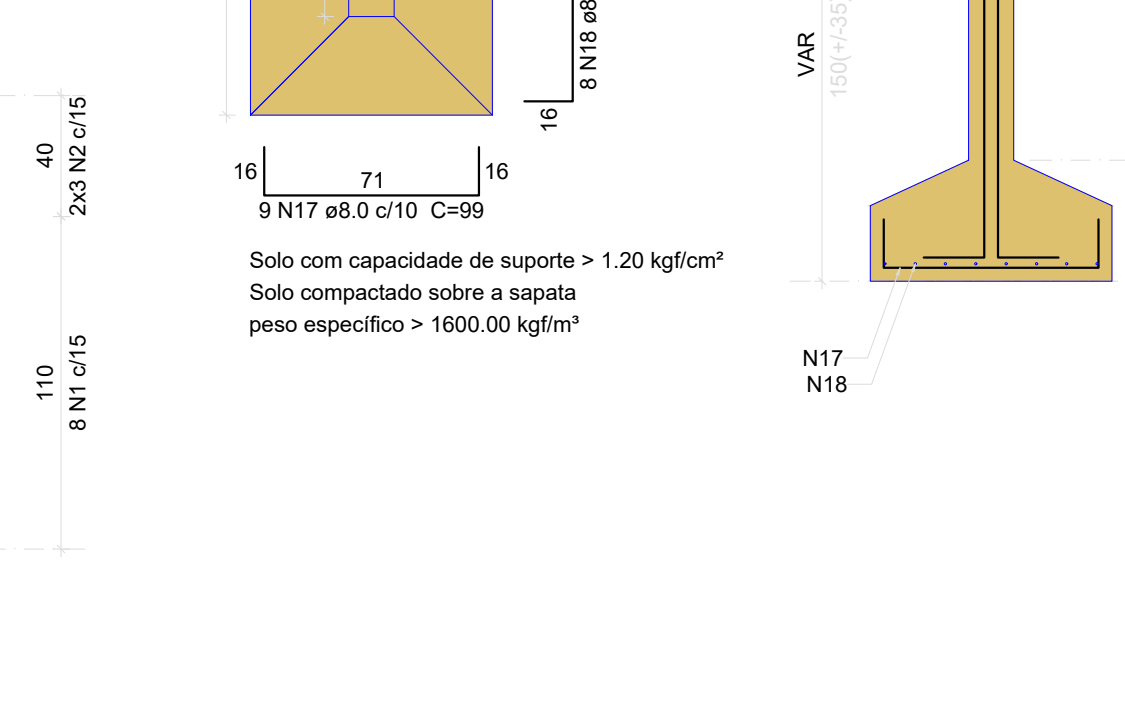
P15=P42



P21=P26



S28

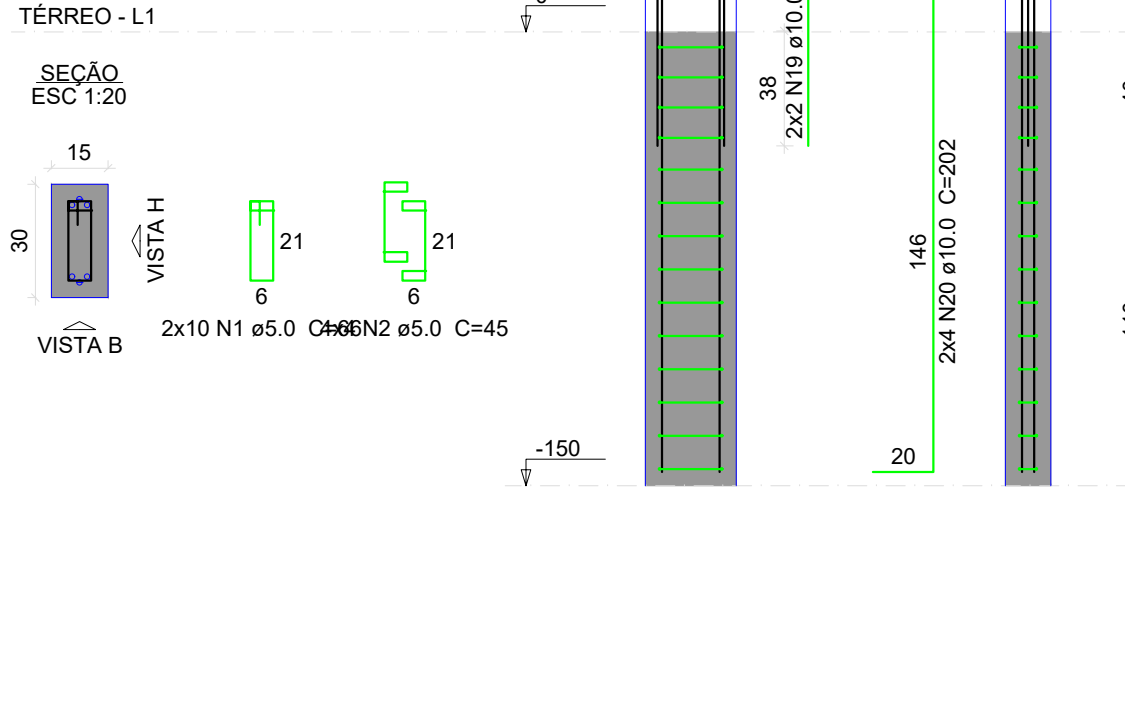


Solo com capacidade de suporte > 120 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P4=P6



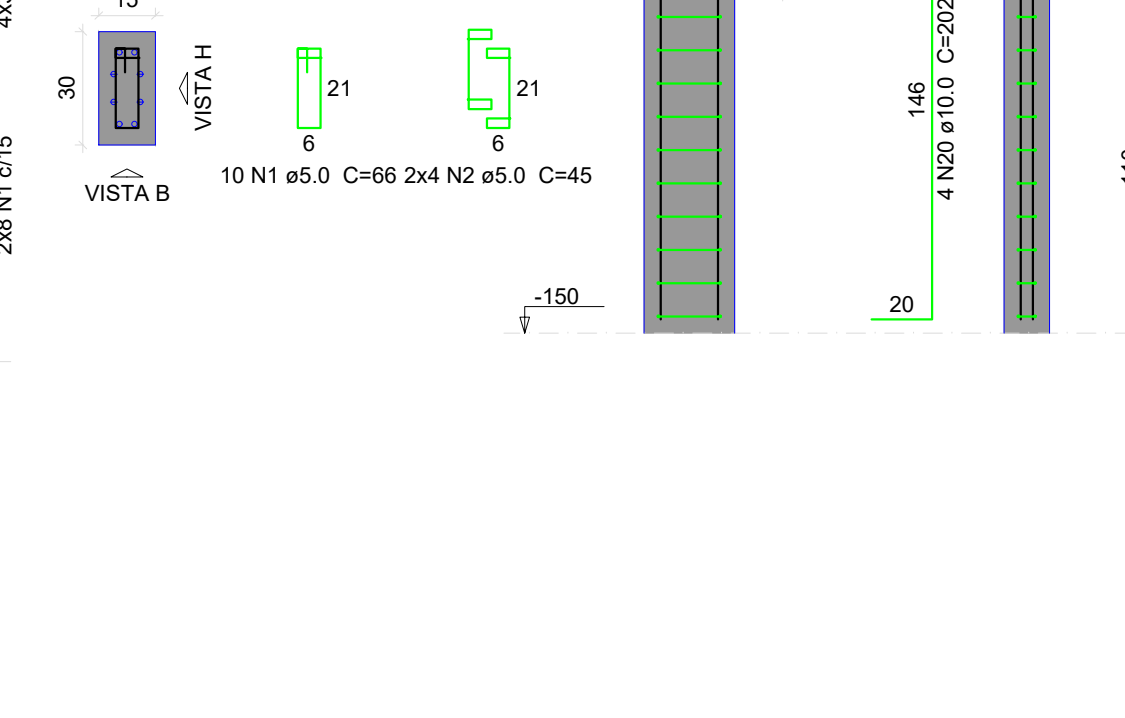
P16



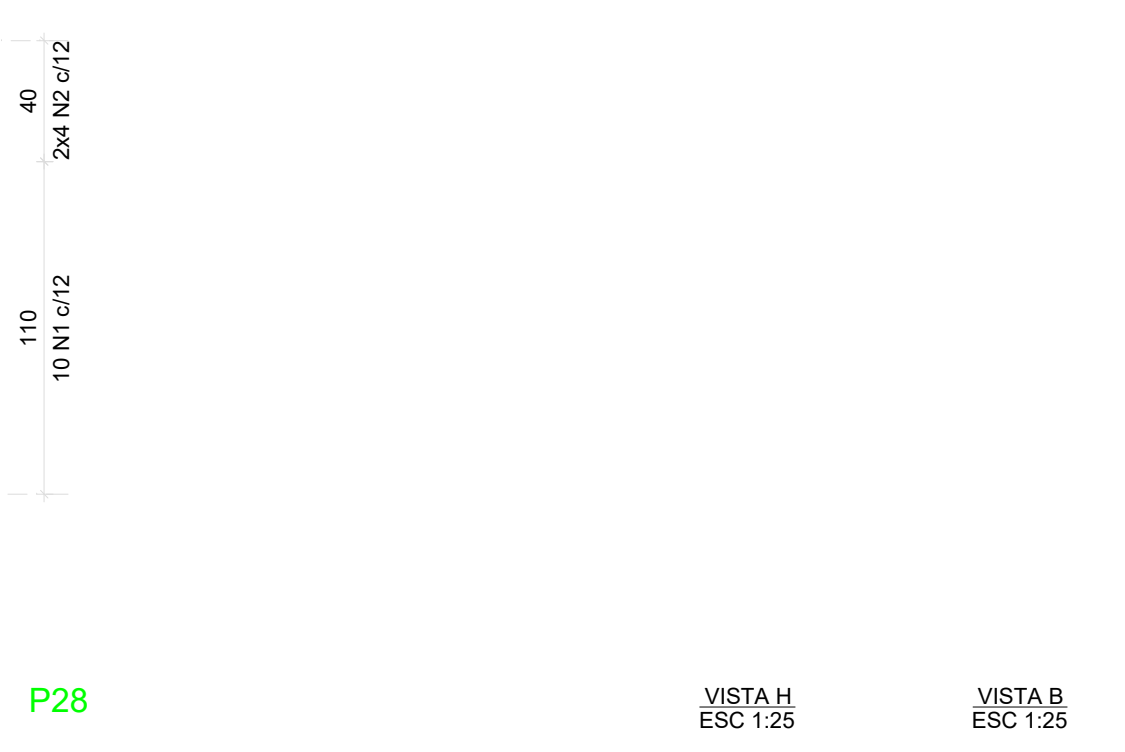
P22



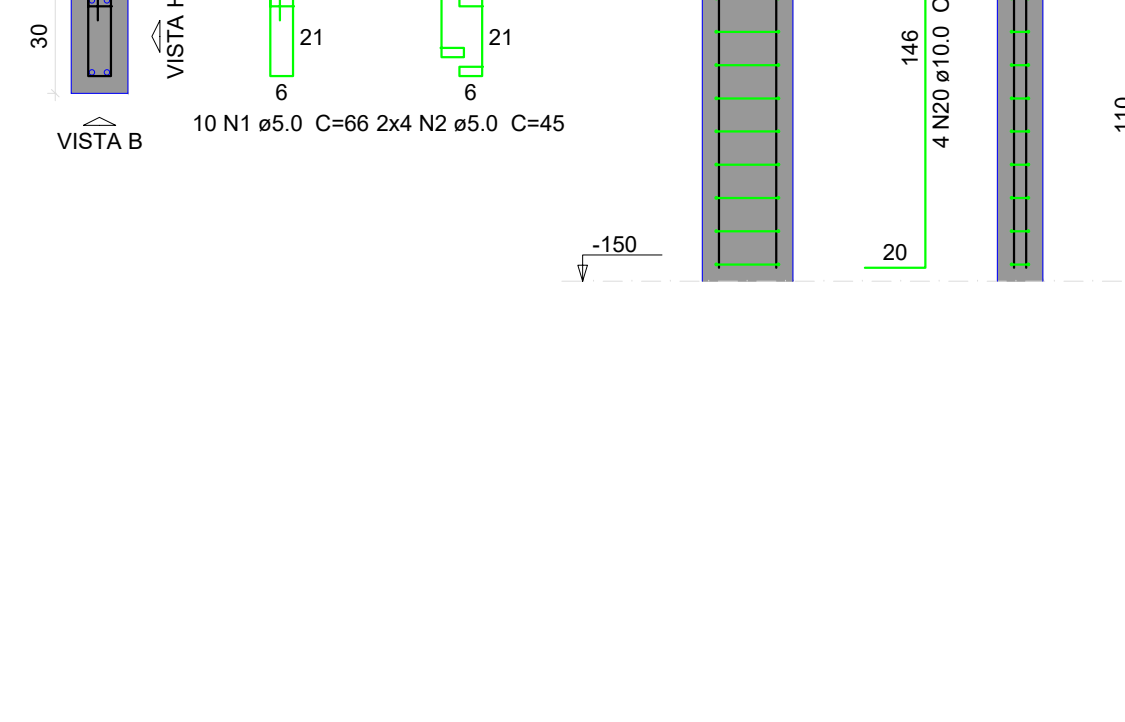
P28



P28



P28



LEGENDA e NOTAS

Relação do aço

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CABO	1	5.0	360	86	23760
CABO	2	5.0	286	45	12870
CABO	3	8.0	44	109	4796
CABO	4	8.0	75	124	9300
CABO	5	8.0	9	94	846
CABO	6	8.0	7	109	763
CABO	7	8.0	68	119	8092
CABO	8	8.0	50	134	6700
CABO	9	8.0	86	139	11954
CABO	10	8.0	122	129	15738
CABO	11	8.0	127	144	18288
CABO	12	8.0	11	104	1144
CABO	13	8.0	36	159	5724
CABO	14	8.0	76	154	11704
CABO	15	8.0	28	169	4732
CABO	16	8.0	24	114	2736
CABO	17	8.0	9	99	891
CABO	18	8.0	6	114	684
CABO	19	10.0	18	75	1350
CABO	20	10.0	130	202	26260
CABO	21	10.0	36	163	5868
CABO	22	10.0	30	178	5340
CABO	23	12.5	30	210	6300

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PERO + 10% (kg)
CABO	8.0	1043.2	452.8
CABO	10.0	389.2	263.3
CABO	12.5	63	66.8
CABO	5.0	366.3	62.1
CABO	8.0	782.8	
CABO	62.1		

Volume de concreto (C-25) = 19.04 m³

Área da forma = 67.67 m²

NOTAS GERAIS

Concreto a usar: fck = 30.0 MPa.
Medidas expressas em centímetros. Escalas indicadas no desenho.
Não tomar medidas do desenho com régua (escala).
Observar comprimentos mínimos de trapasse (emendas e esperas) exigidos.
Obedecer cobrimentos das armaduras segundo as normas da ABNT e o projeto.
Diapor armaduras de pele (costas) quando se indicar no desenho da ferragem.
Jamais alterar a distribuição das armaduras de pilares nas respectivas seções.
Projeto de fundações elaborado com tensão admissível do solo no valor de 1,20 kg/cm²
No caso de dúvidas, ou na suspeita de engano no desenho, contatar o calculista.

Nº	Comentário	Data	Aut
0	Emissão inicial	17/08/22	Manassés

UNIVERSIDADE FEDERAL DO AMAZONAS - UFAM
PREFEITURA DO CAMPUS UNIVERSITÁRIO - PCU
DEPARTAMENTO DE ENGENHARIA - DE
COORDENAÇÃO DE PROJETOS - CPRO

OBRA
RESTAURANTE UNIVERSITÁRIO DO INC/UFAM
RUA 1ª DE MAIO, 05 - BAIRRO COLÔNIA - BENJAMIN CONSTANT - AM

PROJETO
ESTRUTURA EM CONCRETO ARMADO

FRANCHA
Fundações do pavimento Térreo
S1, S2, S10, S12, S14, S15, S17, S18, S20, S21, S22 e S28

AUTOR DO PROJETO
Manassés Ilermon Maia
CREA 2-11116-3/AM

RTT / ART
17/08/2022

INDICADA

REVISÃO
0

ÁREA CONSTRUÍDA
658,00 m²

23.03.23.CON.0101

Formato A0

Reviz	Elaborado
1	0.00
2	0.00
3	0.00
4	0.00
5	0.00
6	0.00
7	0.00
8	0.00