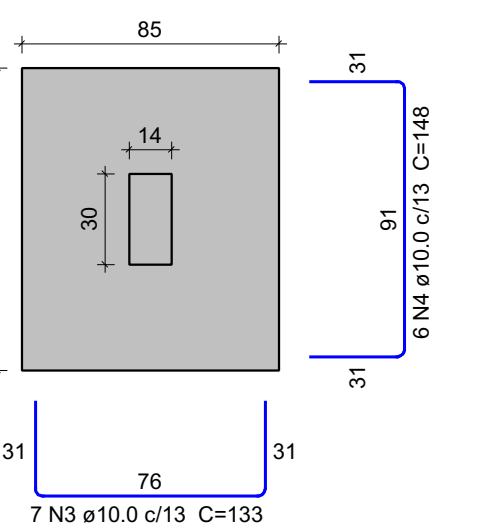
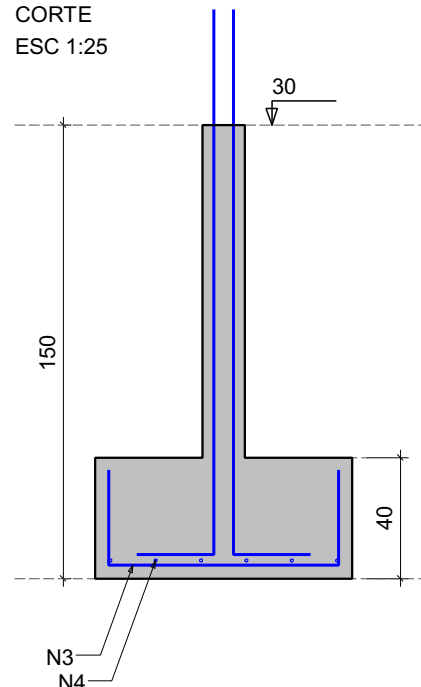


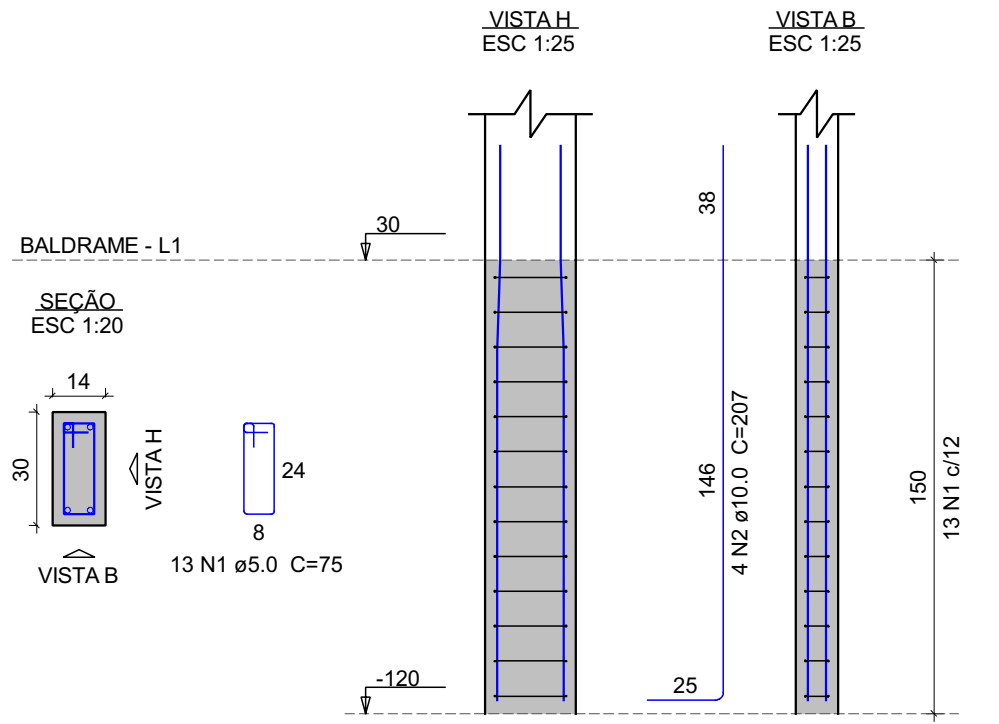
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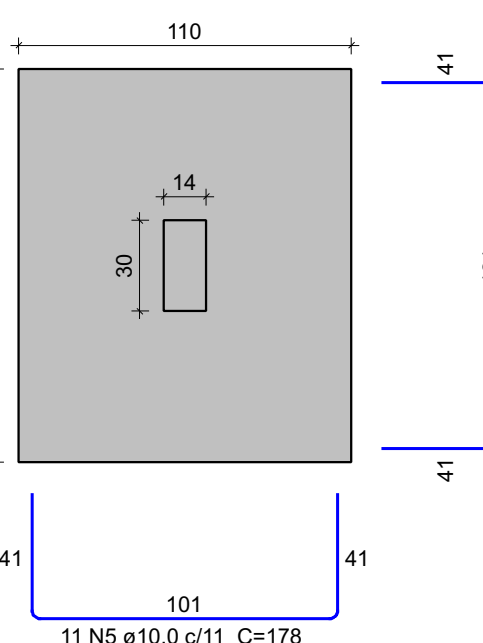
Solo com capacidade de suporte > 1.00 kgf/cm²



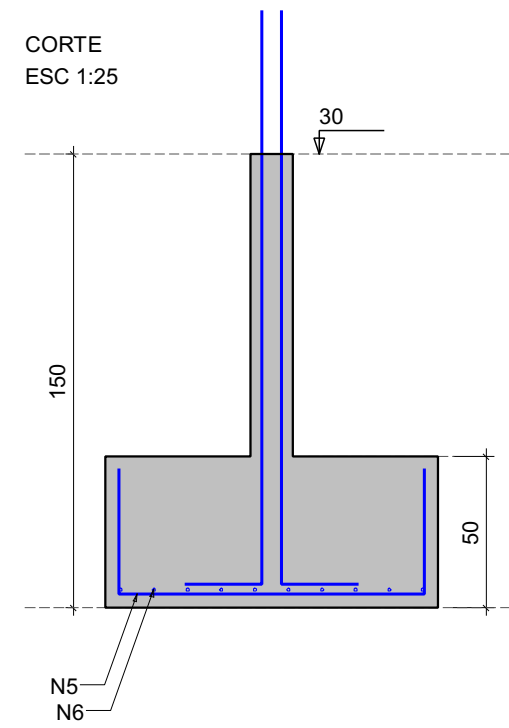
P10=P15=P19=P23



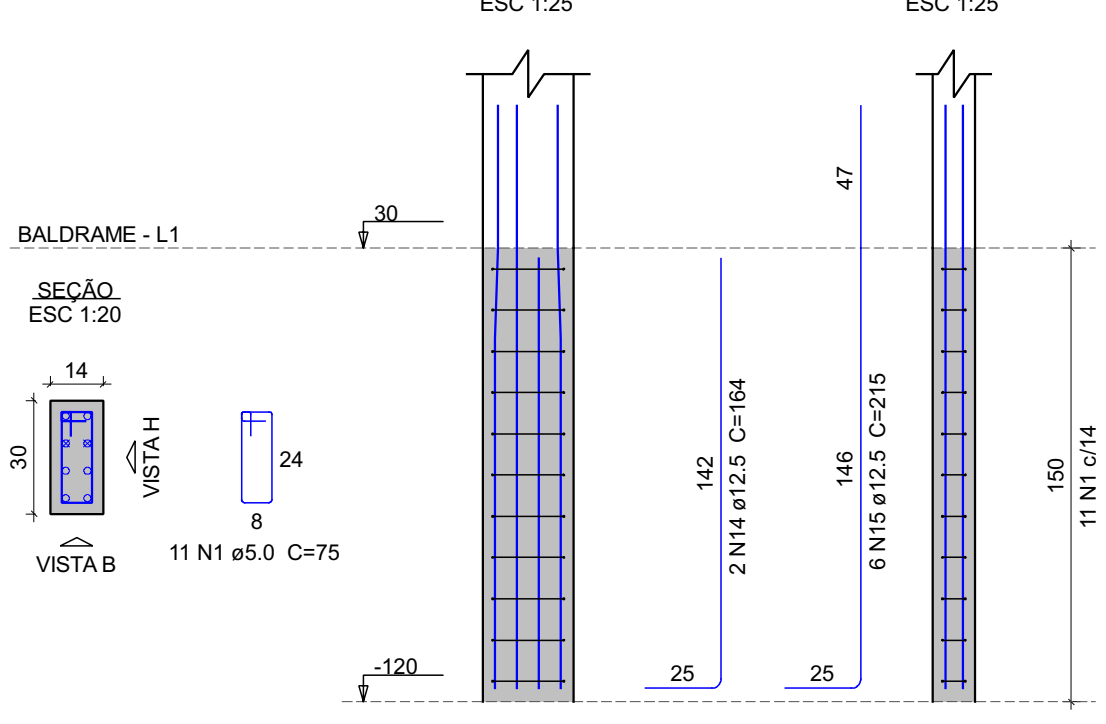
S12



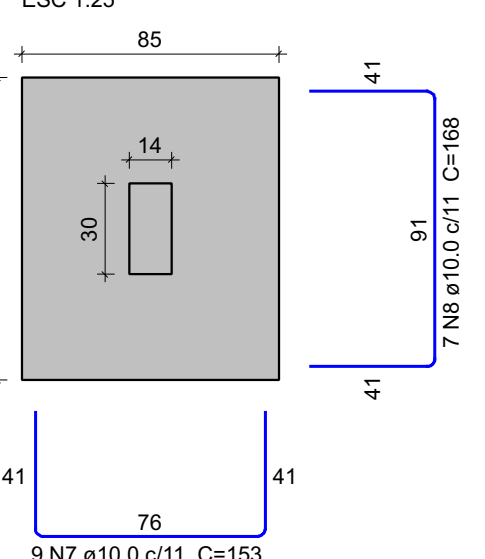
Solo com capacidade de suporte > 1.00 kgf/cm²



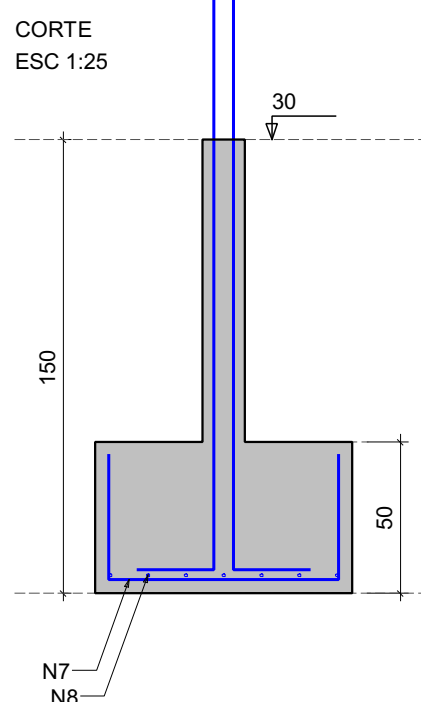
P12



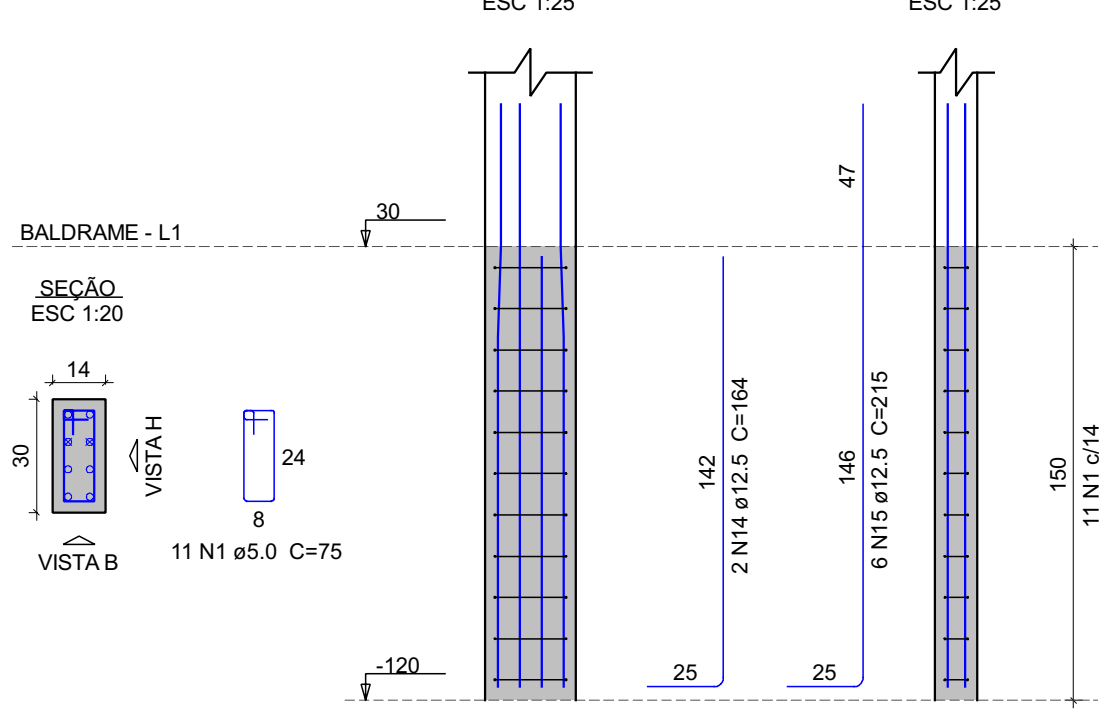
S16



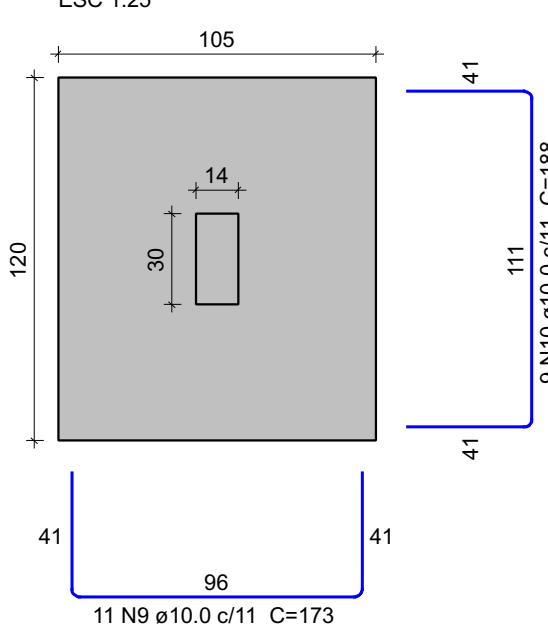
Solo com capacidade de suporte > 1.00 kgf/cm²



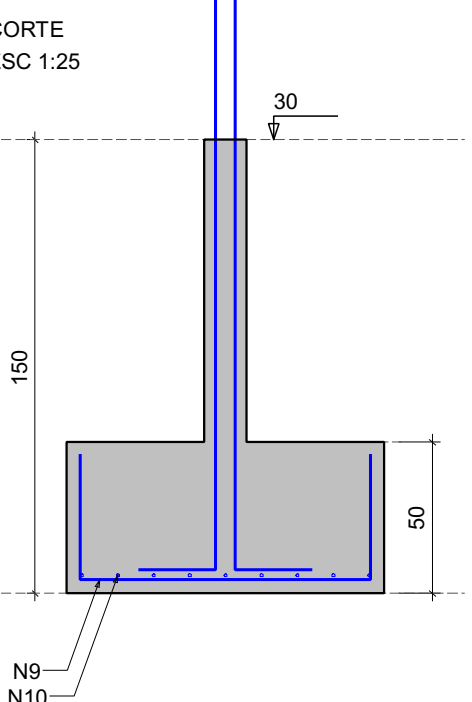
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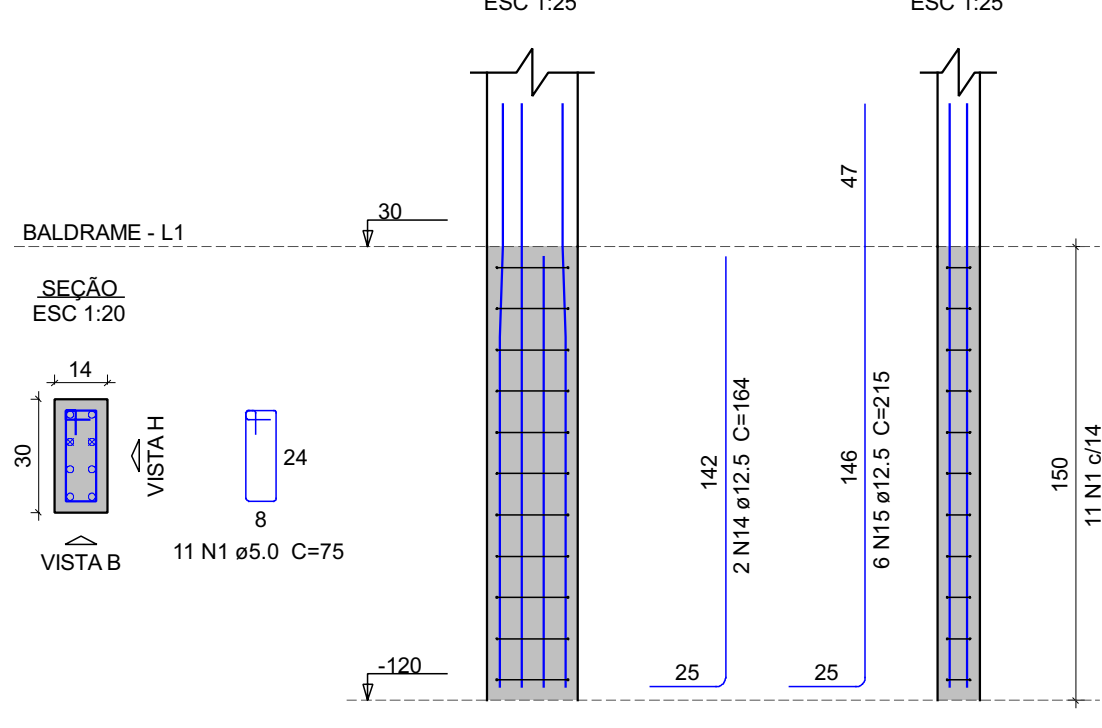
S17



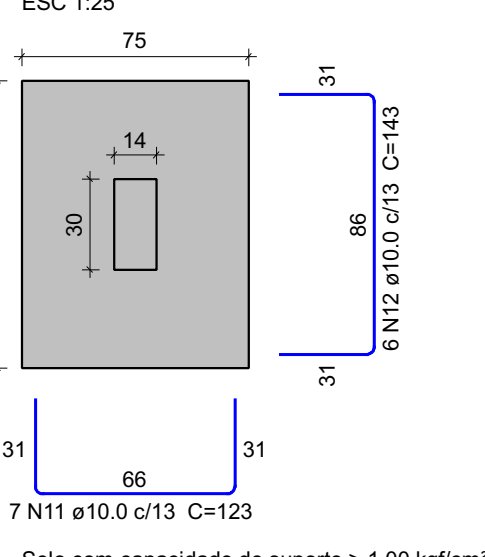
Solo com capacidade de suporte > 1.00 kgf/cm²



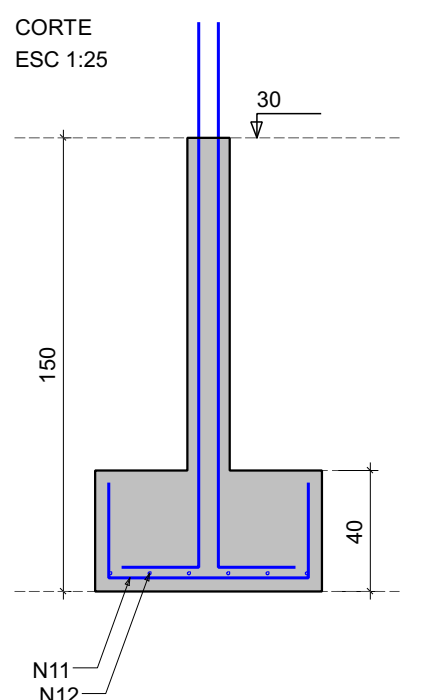
P17



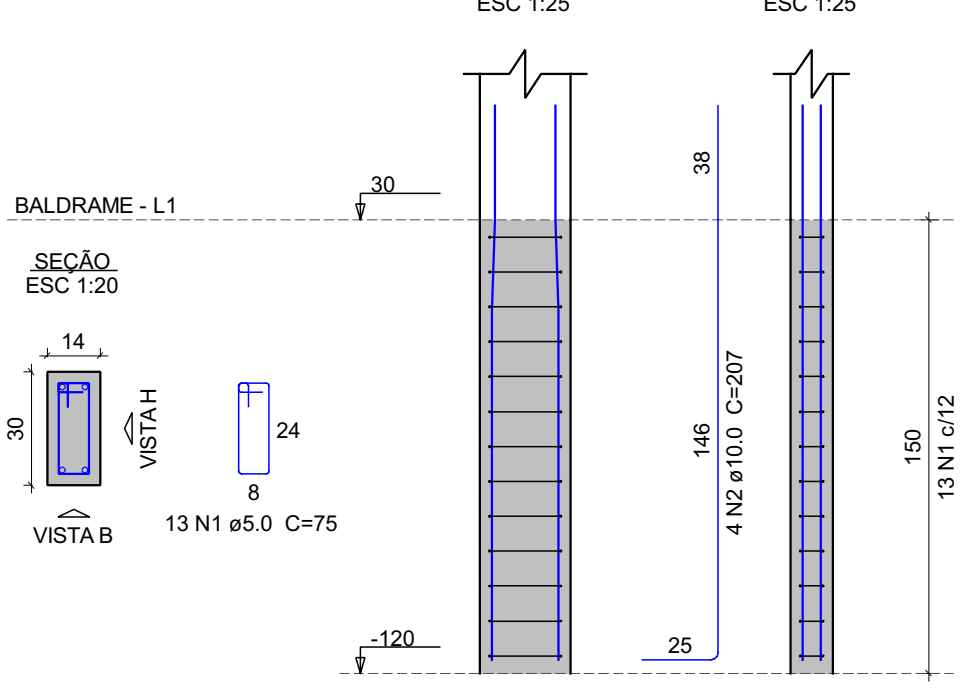
S24



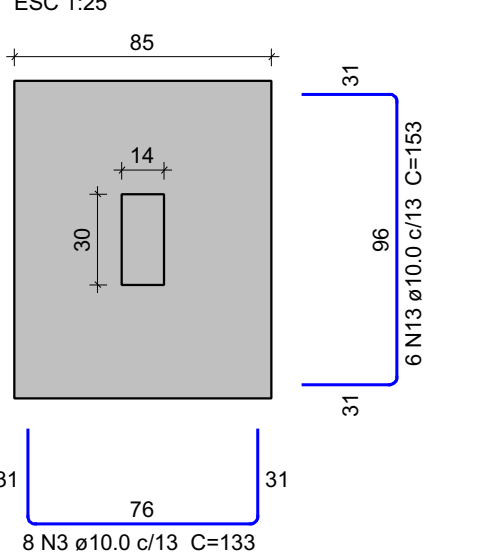
Solo com capacidade de suporte > 1.00 kgf/cm²



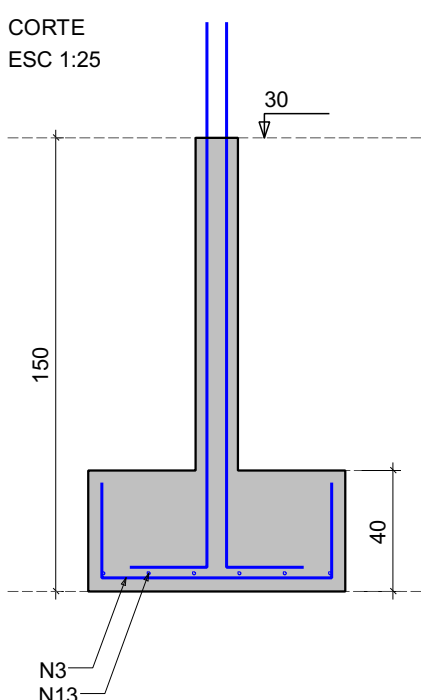
P24



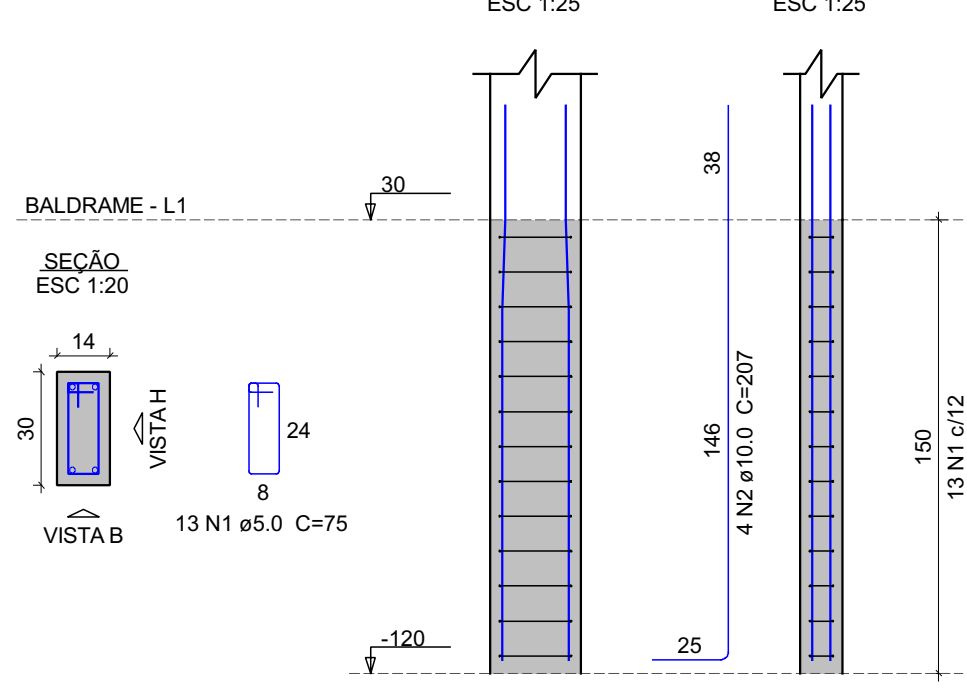
S25



Solo com capacidade de suporte > 1.00 kgf/cm²



P25



Relação do aço

4xS10		S12		S16	
S17		S24		S25	
ÁÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL
CA60	1	5.0	111	75	8325
CA50	2	10.0	24	207	4968
	3	10.0	36	133	4788
	4	10.0	24	148	3552
	5	10.0	11	178	1956
	6	10.0	10	198	1980
	7	10.0	9	153	1377
	8	10.0	7	168	1176
	9	10.0	11	173	1903
	10	10.0	9	188	1692
	11	10.0	7	123	861
	12	10.0	6	143	858
	13	10.0	6	153	918
	14	12.5	6	164	984
	15	12.5	18	215	3870

Resumo do aço

ÁÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	UNIT
CA50	10.0	260.4	24	12 m
	12.5	48.6	5	12 m
CA60	5.0	83.3	8	12 m
PESO TOTAL (kg)				
CA50	228			
CA60	14.1			

Volume de concreto (C-25) = 4.18 m³
Área de forma = 23.75 m²

MAOBA ENGENHARIA Av. Carlos Pereira de Melo - 473, Sala 05	
Obra: REFORMA E AMPLIAÇÃO ESCOLAR ESCOLA ORDÁLIA ARAÚJO DE LIMA	
Projeto: VITÓRIA EDUARDA SILVA LUCENA 0922278407	Proprietário: PREFEITURA MUNICIPAL DE RORAINÓPOLIS
Projeto: PROJETO DISCIPLINA	
Pavimento: BALDRAME	
Conteúdo: Planta baixa Legendas e notas	
Prancha: 4	
Data:	Escola:
Desenho:	Conferência:
Revisor:	