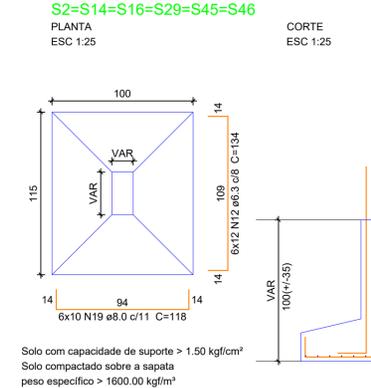
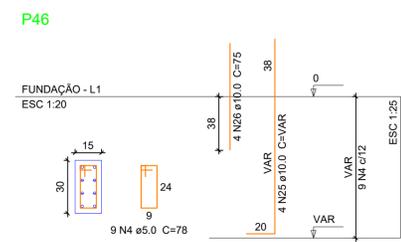
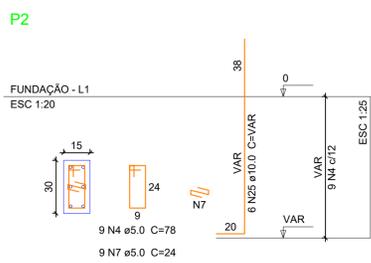
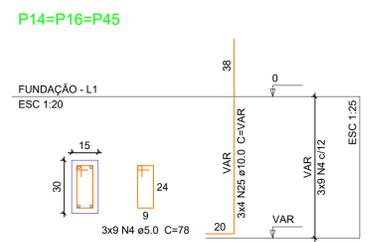
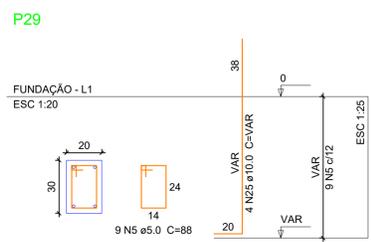
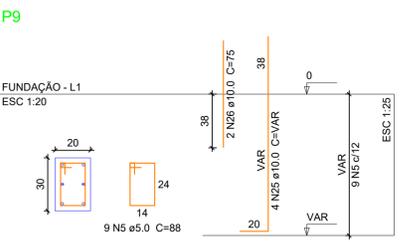
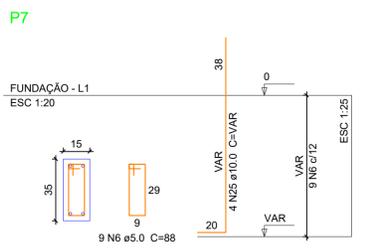
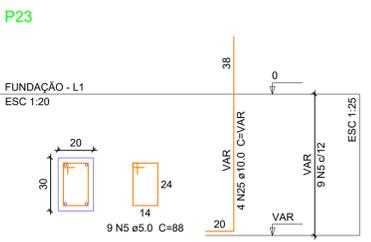
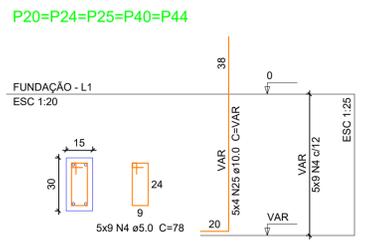
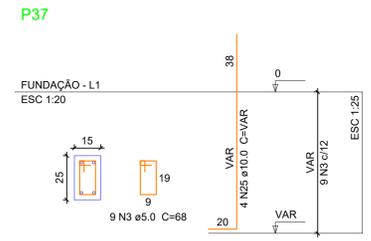
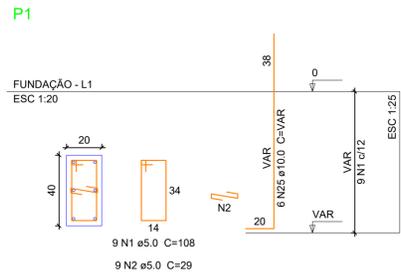
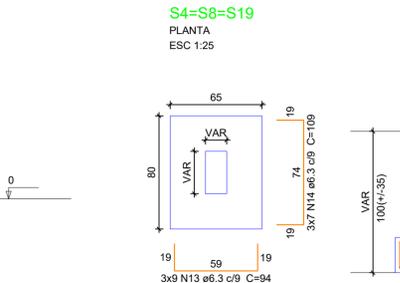


Solo com capacidade de suporte > 1.50 kgf/cm<sup>2</sup>  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m<sup>3</sup>



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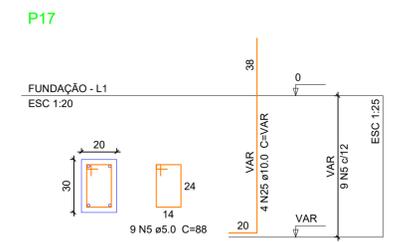
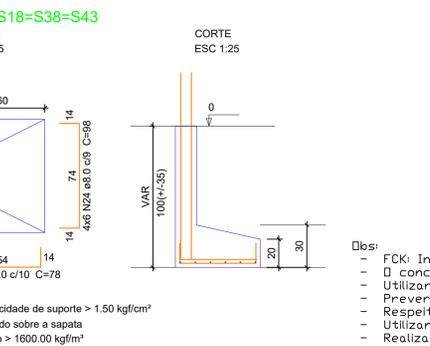
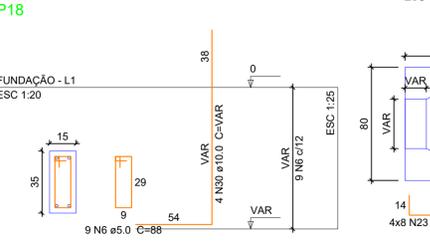
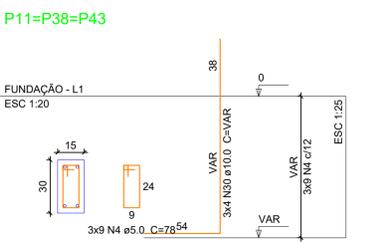
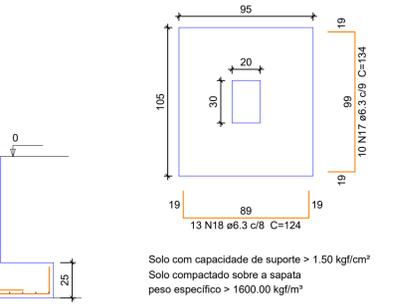
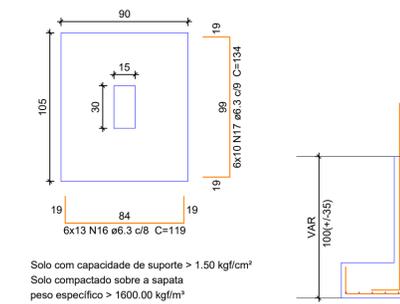
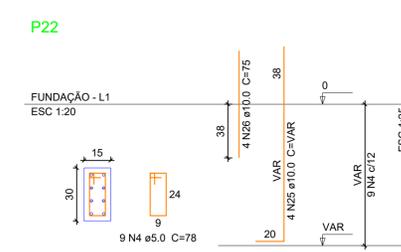
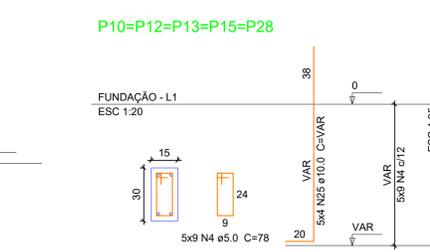
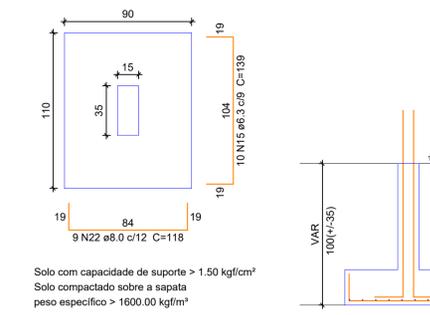
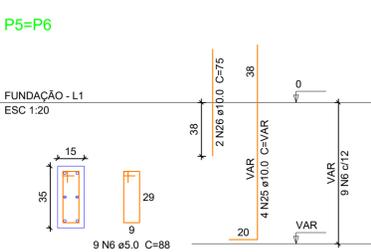
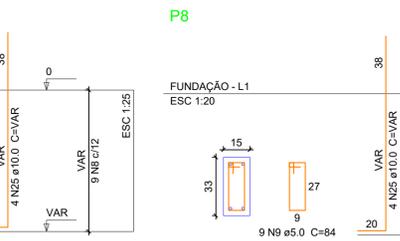
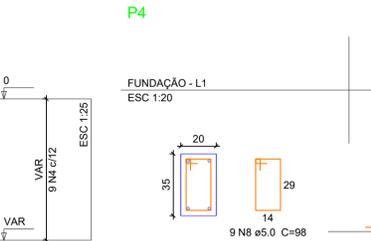
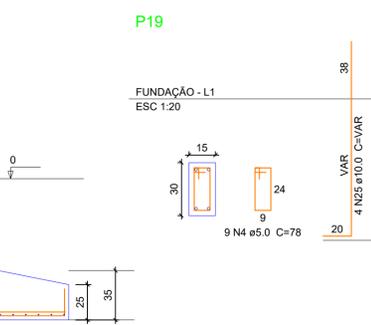
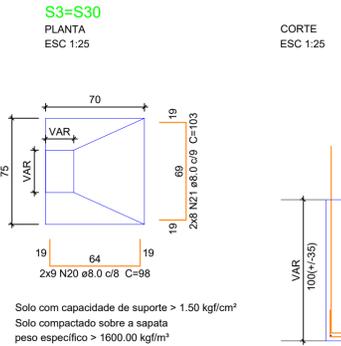
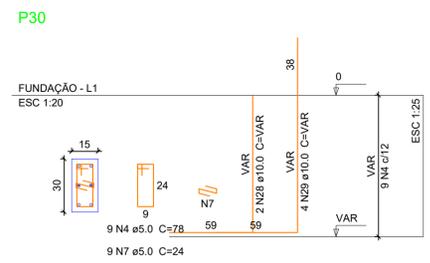
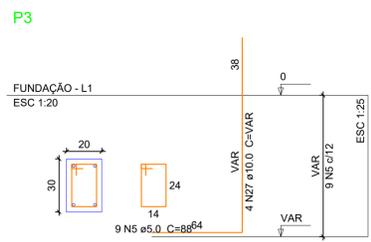
Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	9	108	972
	2	5.0	9	29	261
	3	5.0	9	68	612
	4	5.0	189	78	14742
	5	5.0	45	88	3960
	6	5.0	36	88	3168
	7	5.0	18	24	432
	8	5.0	9	88	882
	9	5.0	9	84	756
CA50	10	6.3	100	104	10400
	11	6.3	80	114	9120
	12	6.3	72	134	9648
	13	6.3	27	94	2538
	14	6.3	21	109	2289
	15	6.3	20	139	2780
	16	6.3	78	119	9282
	17	6.3	70	134	9380
	18	6.3	13	124	1612
	19	8.0	60	118	7080
	20	8.0	18	96	1764
	21	8.0	16	103	1648
	22	8.0	18	118	2124
	23	8.0	32	78	2496
	24	8.0	24	98	2352
	25	10.0	116	VAR	VAR
	26	10.0	14	75	1050
	27	10.0	4	VAR	VAR
	28	10.0	2	VAR	VAR
	29	10.0	4	VAR	VAR
	30	10.0	16	VAR	VAR

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	570.5	153.6
	8.0	174.7	75.8
	10.0	240.8	163.3
	5.0	257.9	43.7
PESO TOTAL			
CA50		392.6	
CA60		43.7	

Vol. de concreto total (C-25) = 8.29 m<sup>3</sup>  
Área de forma total = 60.3 m<sup>2</sup>



- Obs:
- FCK Indicado (MPa);
  - O concreto deve ser adensado corretamente para evitar falhas de concretagem;
  - Utilizar desmoldante ou limpar e umedecer formas antes da concretagem;
  - Prever lastro de brita (5cm) para elementos em contato com o solo (sapatas e vigas baldrames);
  - Respeitar dimensões e cobertura dos elementos (ver seções transversais dos elementos);
  - Utilizar espaçadores de armaduras para garantir cobrimentos;
  - Realizar cura do concreto para todos os elementos, com atenção especial para elementos de grandes superfícies;
  - Não retirar escoramentos e formas antes do prazo, principalmente em grandes vãos ou balanços;
  - Retirar formas com cuidado para não fissurar o concreto;
  - Não transpassar armaduras positivas no meio dos vãos e armaduras negativas nos apoios;
  - Não emendar concreto em região de transpasse de armadura;
  - Verificar posição das armaduras positivas e negativas antes da concretagem;
  - Respeitar profundidade mínima de assentamento das sapatas, 100 cm;
  - Seguir o projeto e consultar a fiscalização quanto às dúvidas em relação ao projeto;
  - Refazer elementos que apresentarem erros de execução.

PREFEITURA MUNICIPAL DE PONTE ALTA DO NORTE - SC

Projeto:	Escola José de Anchieta		
Proprietário:	Prefeitura Municipal de Ponte Alta do Norte	Localização:	Rua Francelizio Oliveira da Silva
Responsável Técnico:	Mayle Wolinger Pommerening Engenheira civil CREA - 187512-4	Referência:	ESTRUTURAL Fundações 1
	Área:	509,75 m <sup>2</sup>	Prancha:
	Data:	03/03/2022	11/13