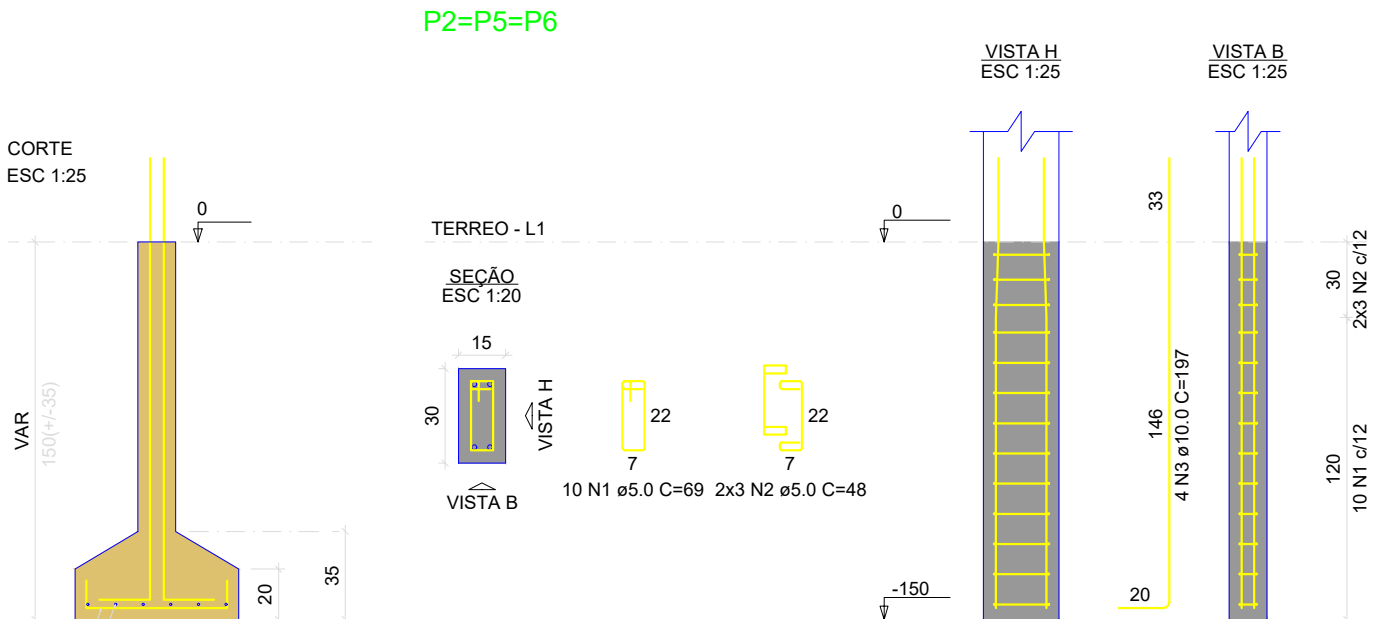
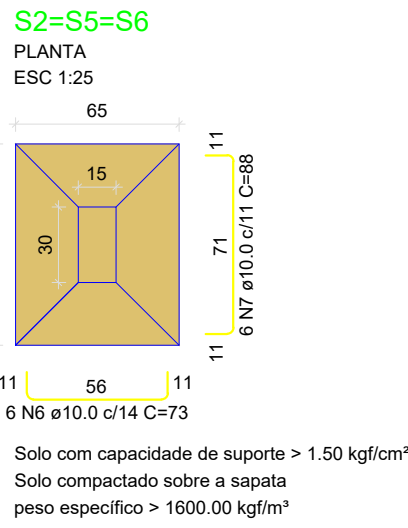
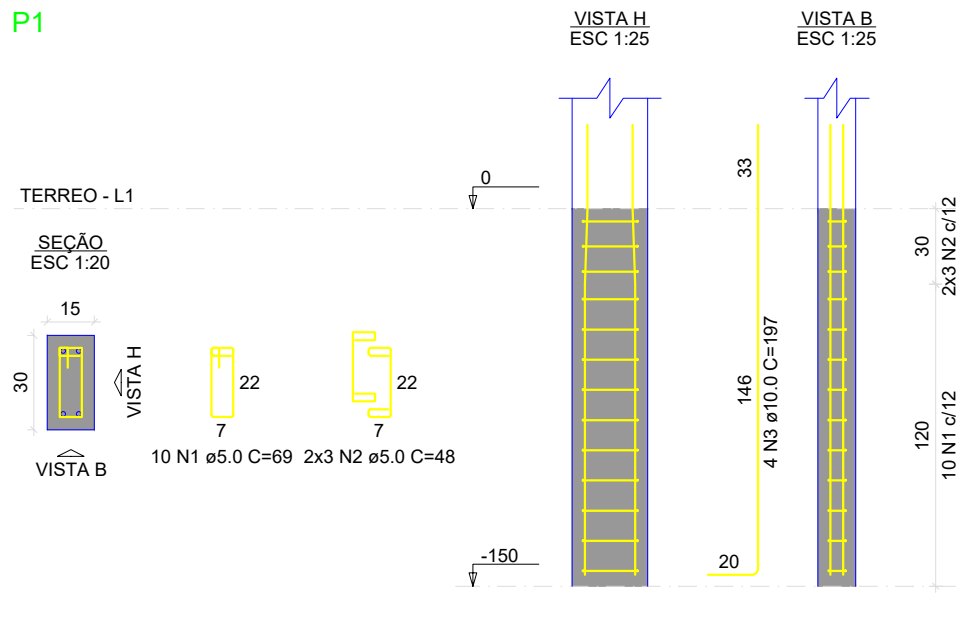
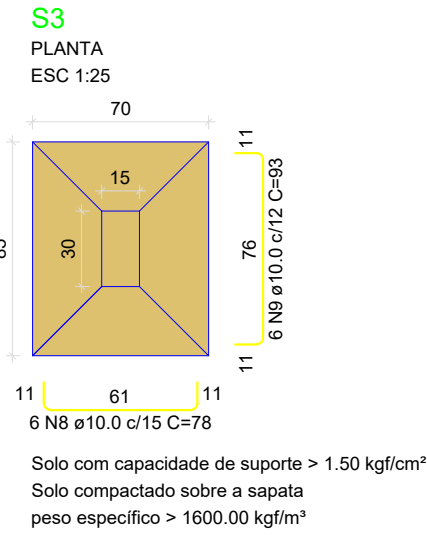
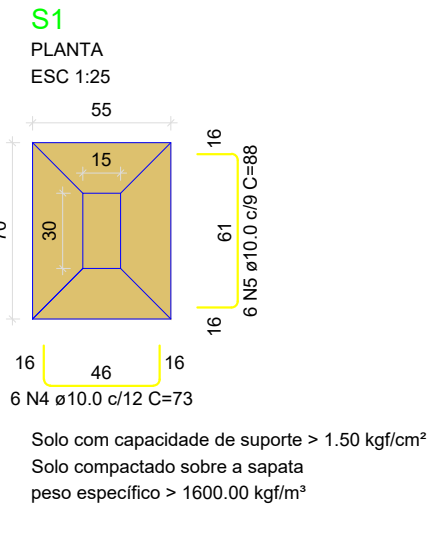




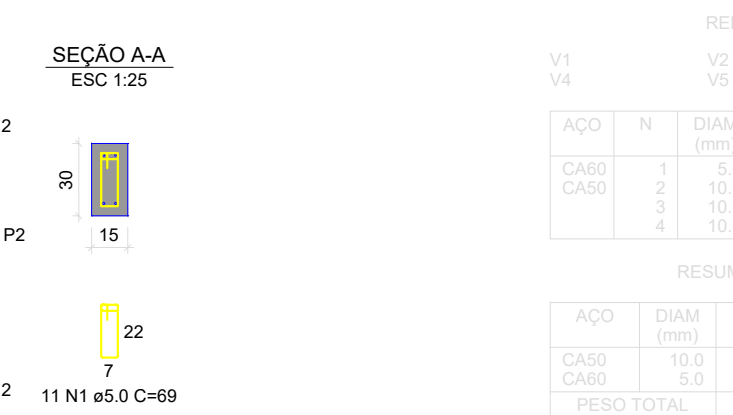
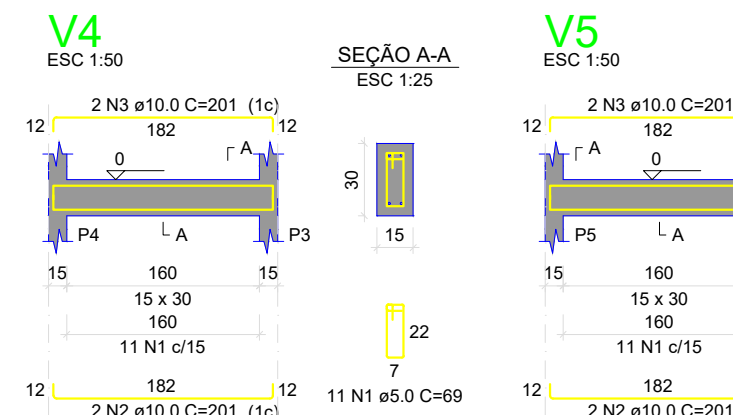
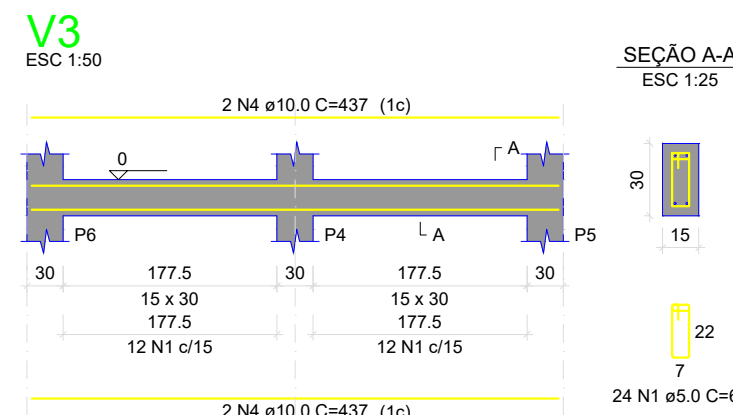
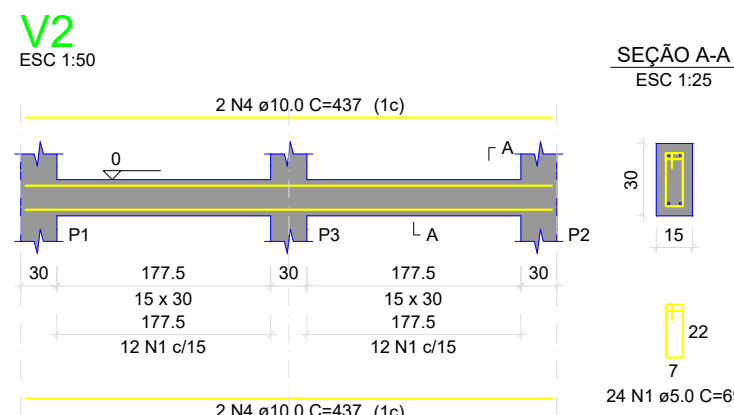
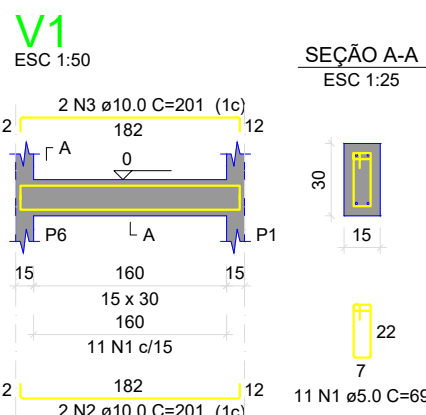
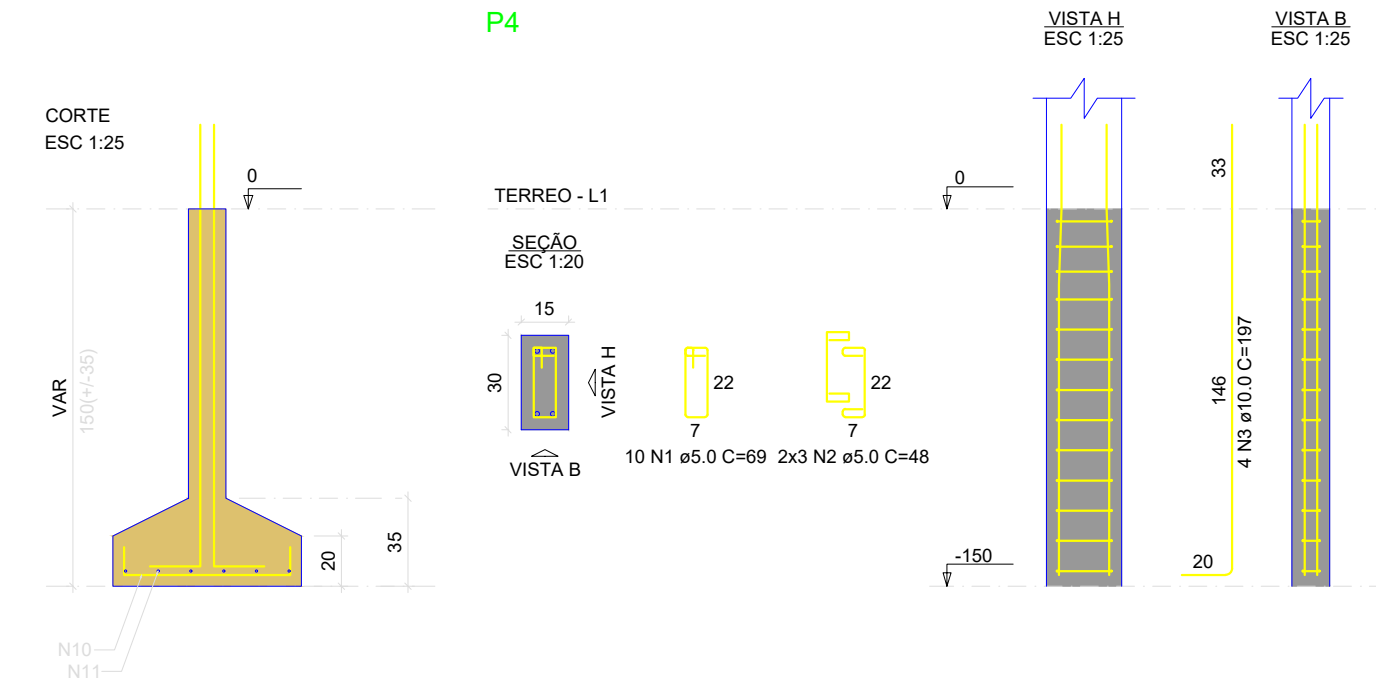
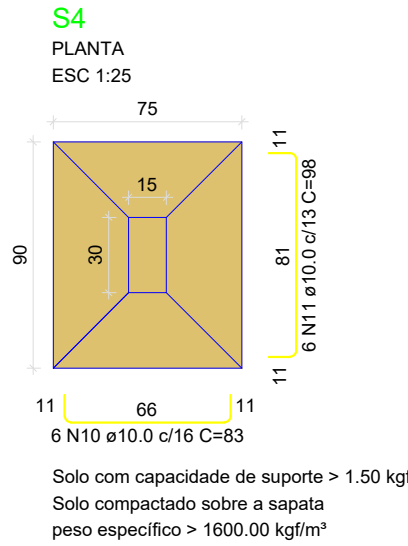
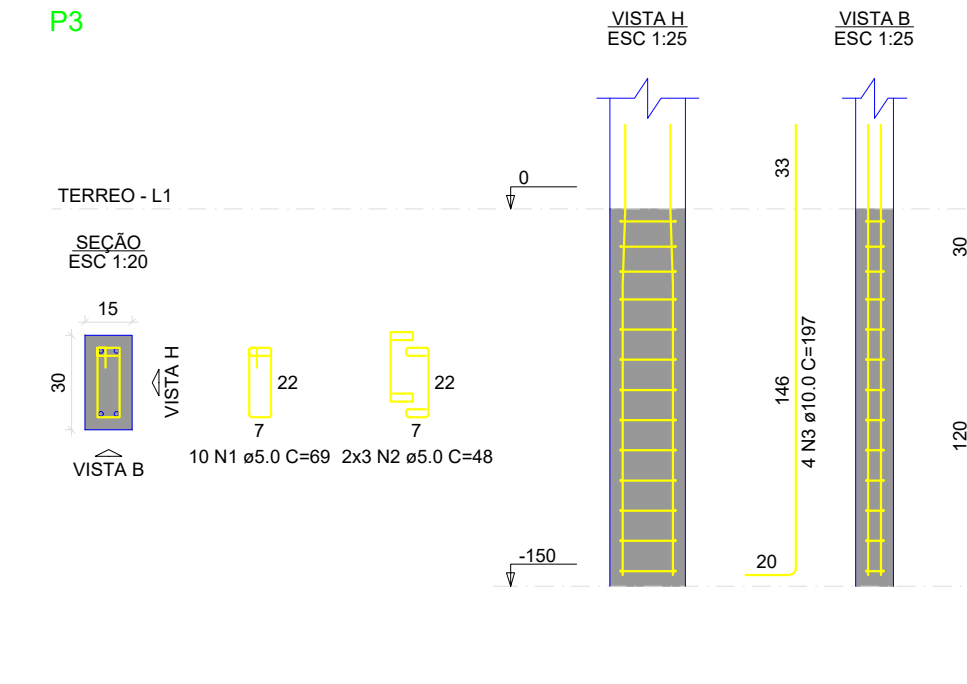
RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CA60	1	5.0	60	69	4140
CA60	2	5.0	36	48	1728
CA50	3	10.0	24	197	4728
CA50	4	10.0	6	73	438
CA50	5	10.0	6	88	528
CA50	6	10.0	18	73	1314
CA50	7	10.0	18	88	1584
CA50	8	10.0	6	78	468
CA50	9	10.0	6	83	558
CA50	10	10.0	6	83	498
CA50	11	10.0	6	98	588

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (m)	PESO + 10% (kg)
CA50	10.0	107	72.6
CA60	5.0	58.7	9.9
PESO TOTAL (kg)			
CA50			72.6
CA60			9.9

Volume de concreto (C-30) = 1.18 m³
Área de forma = 9.86 m²



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CA60	1	5.0	61	69	5589
CA60	2	10.0	6	201	1206
CA60	3	10.0	6	201	1206
CA60	4	10.0	8	437	3496

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (m)	PESO + 10% (kg)
CA50	10.0	69.1	48.1
CA60	5.0	55.9	9.5
PESO TOTAL (kg)			
CA50			48.1
CA60			9.5

Volume de concreto (C-30) = 0.64 m³
Área de forma = 8.93 m²

Documento assinado digitalmente
GEORGE TIAGO DA COSTA
Data: 27/11/2025 14:47:58 -0300
Verifique em https://validar.it.gov.br

AUTOR: **GEORGE TIAGO DA COSTA**
ENGENHEIRO CIVIL CREA - 210813198-0

PROPRIETÁRIO:

EXECUÇÃO:

PREFEITURA MUNICIPAL DE
MAXARANGUAPE
ESTADO DO RIO GRANDE DO NORTE-RN

PROJETO:
PROJETO ESTRUTURAL URBANIZAÇÃO DA ARVORE DO AMOR

LOCAL:
RUA PROJETADA, S/N, CABO DE SAO ROQUE NO MUNICIPIO DE MAXARANGUAPE/RN.

ASSUNTO:
PROJETO ESTRUTURAL

FASE:
PROJETO EXECUTIVO

PRANCHA:
02/04

ÁREA INTERVENÇÃO: 4.087,87 m2

ÁREA TERRENO: 4.087,87 m2

AUTOR DO PROJETO:
GEORGE TIAGO DA COSTA

DATA: 23/10/2025

ESCALA: INDICADA