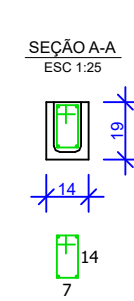
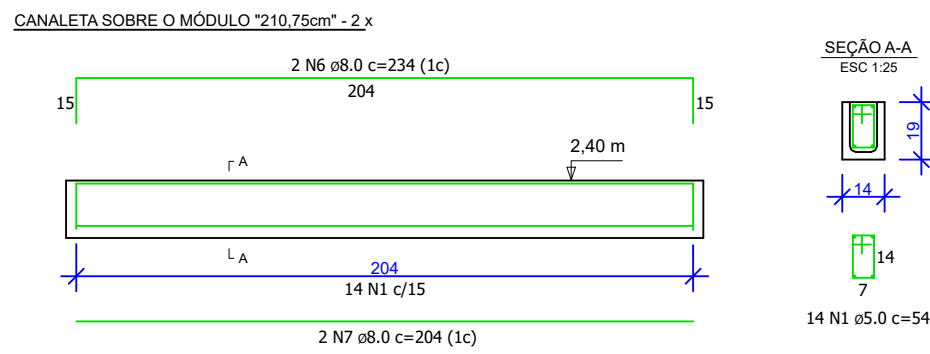
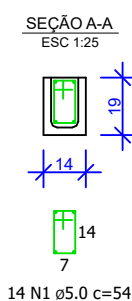
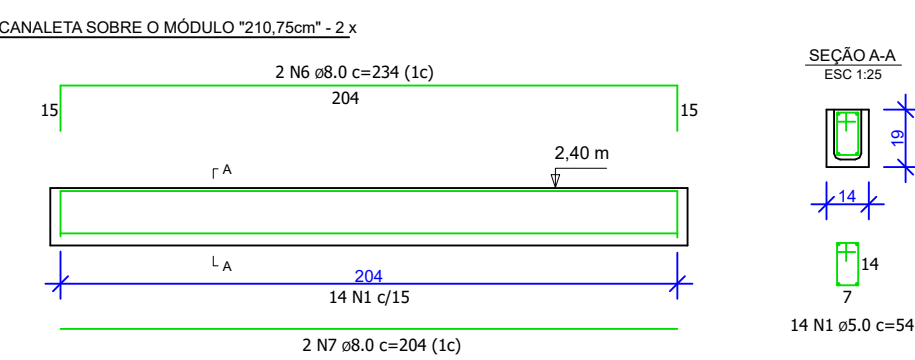
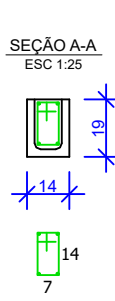
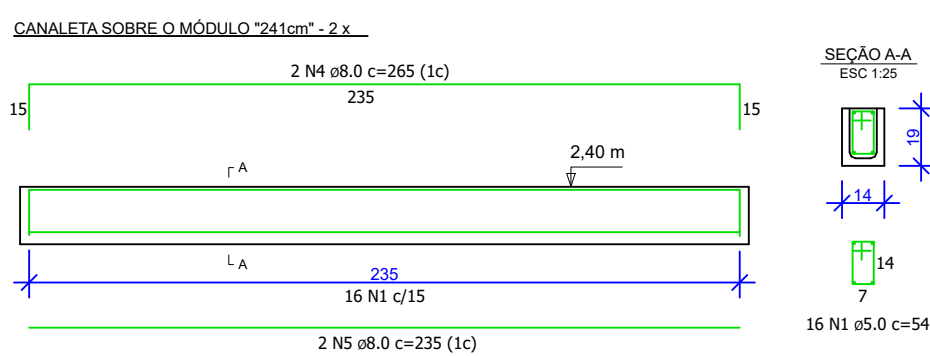
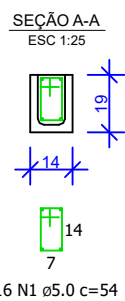
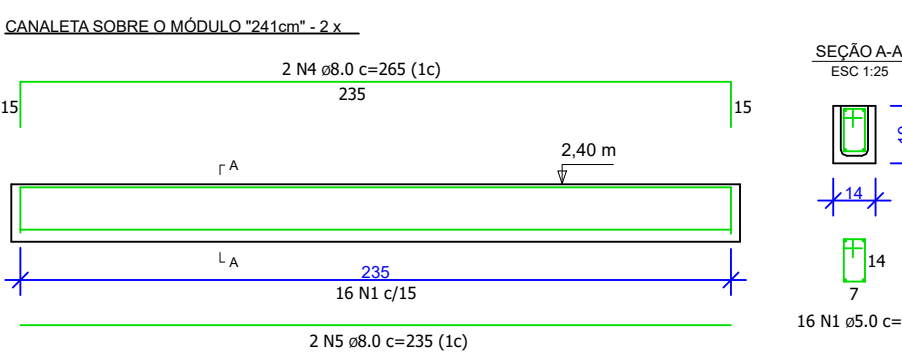
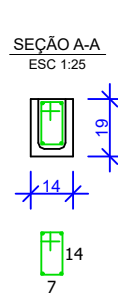
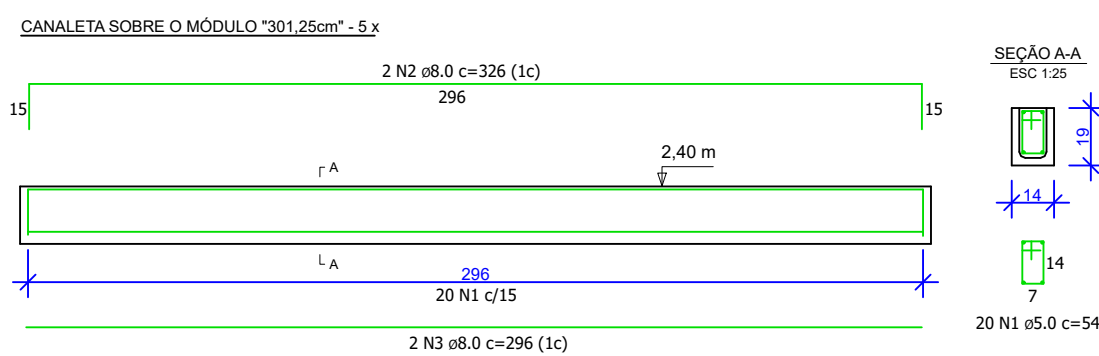
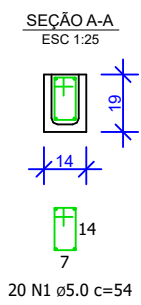
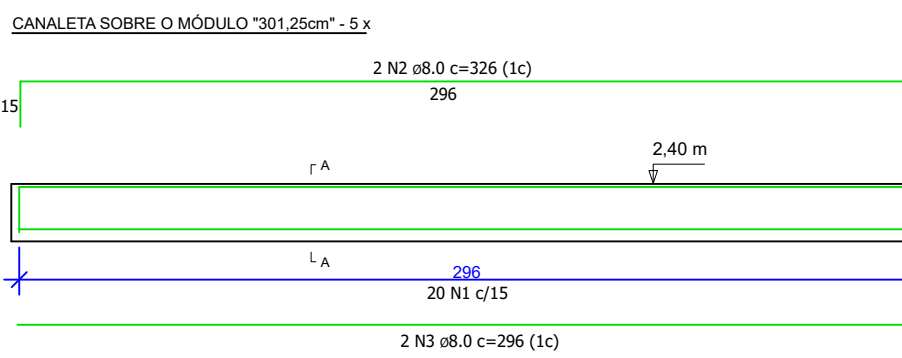


1 VIGAS BALDRAMES
ESC: 1/25



2 VIGAS CANALETAS
ESC: 1/25

Relação do aço (baldrames)

ACAO	N	DIAM	Q	UNIT	C TOTAL (cm)
CA60	1	5.0	958	76	72808
CA50	2	8.0	10	384	3840
	3	10.0	15	334	5010
	4	8.0	4	324	1296
	5	10.0	6	274	1644
	6	8.0	4	293	1172
	7	10.0	6	244.5	1467
	8	8.0	50	404	20200
	9	10.0	15	354	20500
	10	8.0	14	364	5096
	11	10.0	21	314	6594
	12	8.0	2	406	812
	13	10.0	3	356	1068

Resumo do aço

ACAO	DIAM	C TOTAL	PESO + 10 %
CABO	5.0	726.88	123.34
CABO	8.0	324.16	140.85
CABO	10.0	453.35	387.71
PESO TOTAL			
CABO	123.34		
CABO	408.16		

Vol. de concreto total (C-20) = 6.48 m³
Área da forma total = 92.29 m²

Características dos materiais

f _{yk}	E _{cs}
(N/mm²)	(N/mm²)
2.0	2816

NOTAS INFORMATIVAS

- Cotas em centímetros, salvo indicação específica;
- Blocos B1 e B2: f_{bk} = 4,50 MPa;
- Canaletas C1 e C2: f_{bk} = 4,50 MPa;
- Blocos B3: f_{bk} = 8,00 MPa;
- Graute: f_{gk} = 20,00 MPa;

PROJETO: ESTRUTURAL - VIGAS
CONTÉM: MURO - RUA HEITOR ALENCAR FURTADO

PRANCHA
03/06

ZONA: ZR2

USO: INSTITUCIONAL

ENDEREÇO: RUA ALBERTO DALCANALE

LOTE: --

QUADRA: 556

LOTEAMENTO: --

IDENTIFICAÇÃO DO IMÓVEL: CEMITÉRIO MUNICIPAL

PROPRIETÁRIO: MUNICÍPIO DE PALOTINA

CNPJ: 76.208.487/ 0001-64

ESCALA: INDICADAS



PROPRIETÁRIO: MUNICÍPIO DE PALOTINA

PROJETO: MATEUS ANTÔNIO DE JESUS
ENGENHEIRO CIVIL - CREA: PR 167535/D

ÁREAS:

MURO A DEMOLIR: 76,14 m²
MURO A CONSTRUIR
ALVENARIA: 136 m²
ALVENARIA ESTRUTURAL: 1401,98 m²
TOTAL: 1537,98 m²

EXECUÇÃO:

APROVAÇÃO