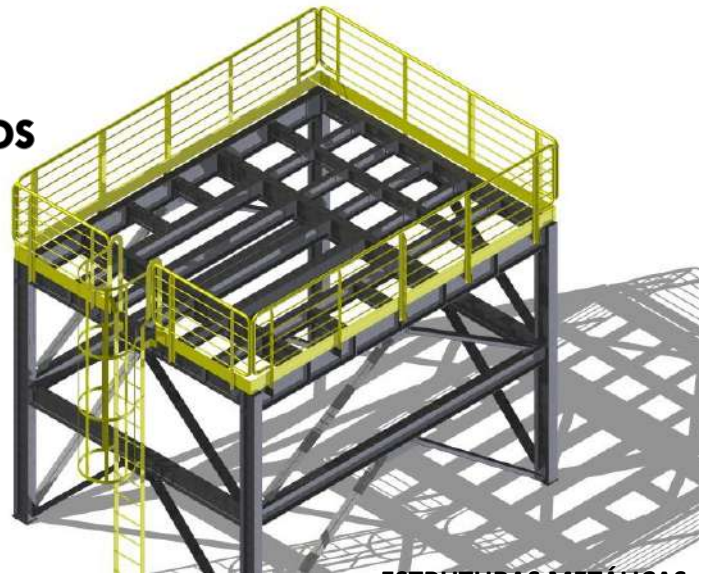


KNOW HOW!

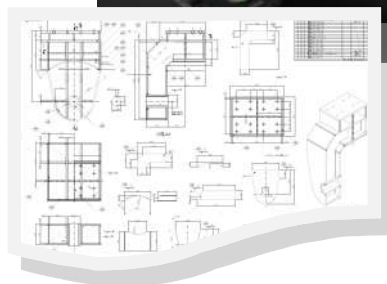
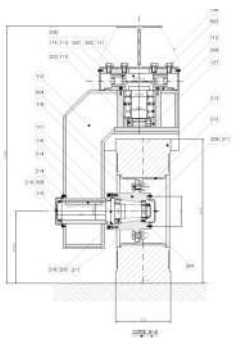
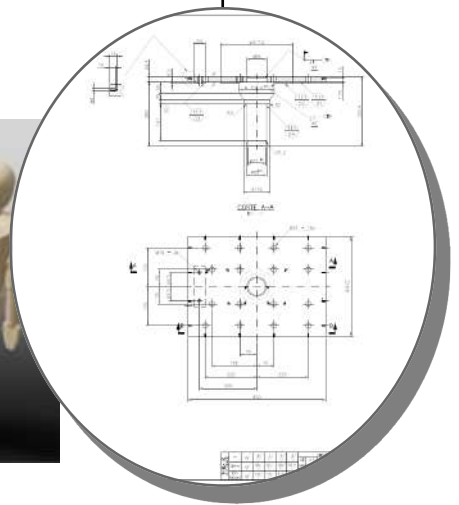
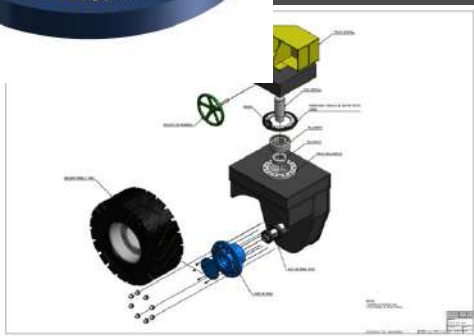
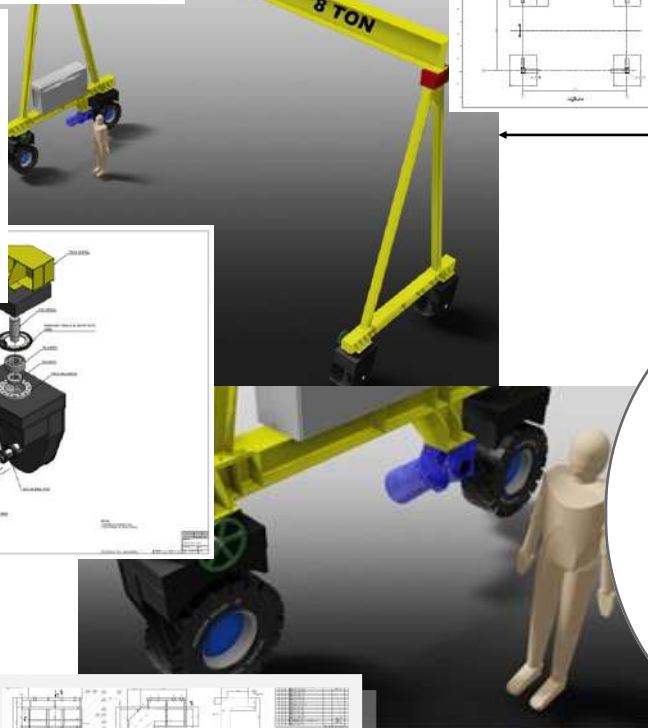
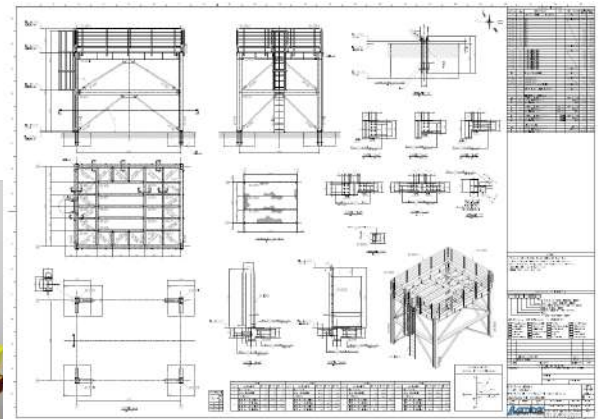
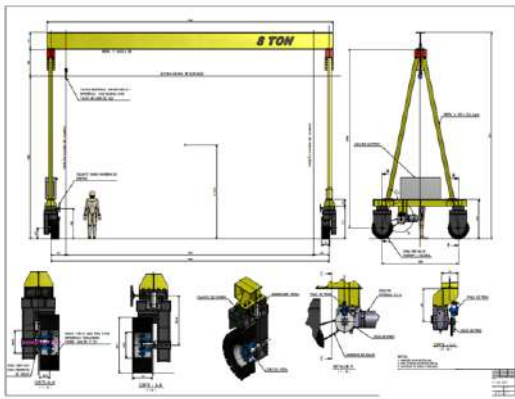
KNOW HOW!

ELABORAR ENGENHARIA & PROJETOS

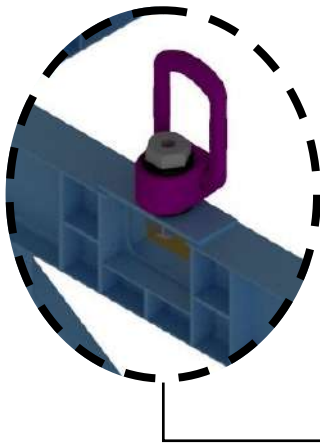
A escolha é fácil. Conheça a **Elaborar** e descubra o porquê.



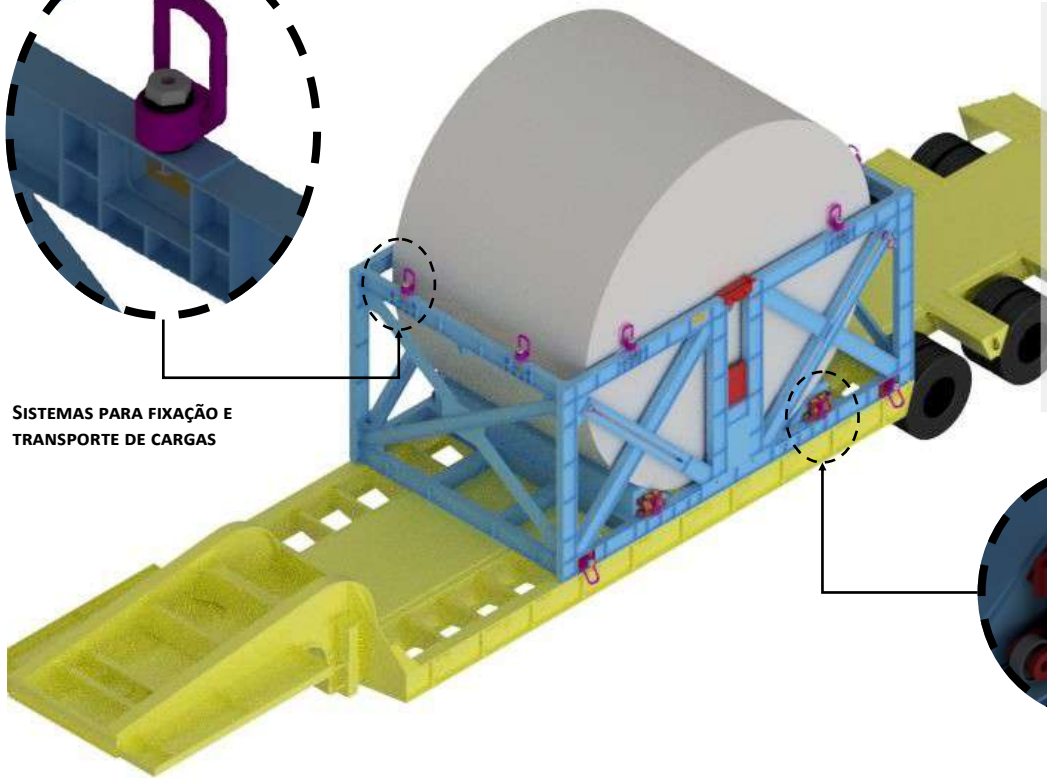
ESTRUTURAS METÁLICAS



EQUIPAMENTOS PARA MOVIMENTAÇÃO DE CARGA



SISTEMAS PARA FIXAÇÃO E TRANSPORTE DE CARGAS



7. CARREGAMENTOS

7.1. Diagrama de composição de forças

Figura 4. Diagrama de corpo livre

7.2. Substituição Principal F_{10}

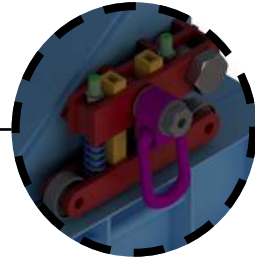
Descrição	Valor	Unid
Carregamento máximo autorizado	20	ton
Capacidade máxima de carga	200	kg

7.3. Substituição dos dados a resultados (resultados devidos às acelerações no deslocamento F_{10})

Descrição	Valor	Unid
Resposta Horizontal	1,2	ton
Resposta Vertical	1,2	ton
Momento	1,2	kg

10. Aceleração Média do Veículo (m/s²):

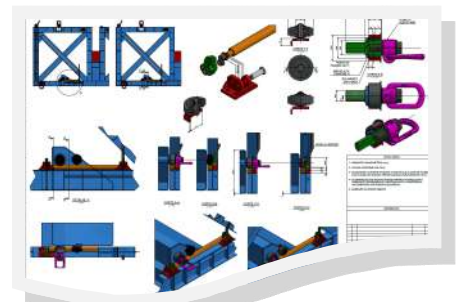
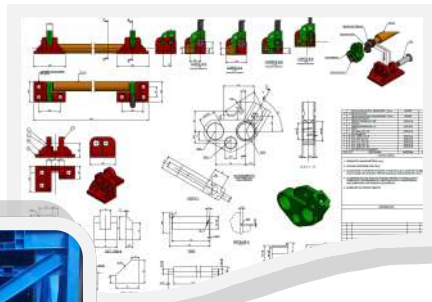
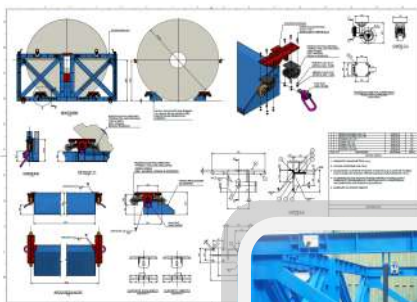
Considerando: velocidade de trabalho de 40 km/h. Anexo A - 2021/2022



MECANISMOS DESENVOLVIDOS SOBRE MEDIDA

BERÇO METÁLICO

PARA TRANS-



DIMENSIONAMENTO DE ELEMENTOS DE MÁQUINAS

ANEXO B - CÁLCULO DE ELEMENTOS DE MÁQUINAS

1. DADOS DE ENTRADA

2. CÁLCULO DE ELEMENTOS DE MÁQUINAS

3. RESULTADOS

4. CONCLUSÃO

5. REFERÊNCIAS

6. ANEXOS

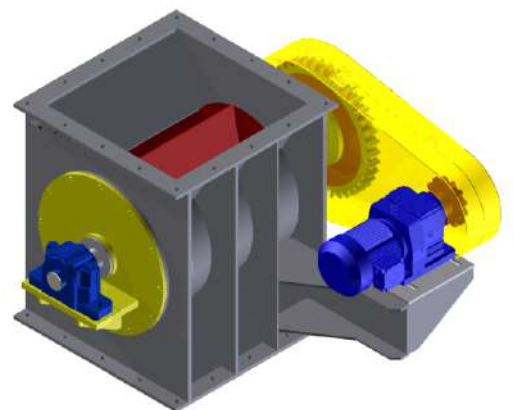
7. OBSERVAÇÕES

8. ASSINATURAS

9. DATA

10. VERSÃO

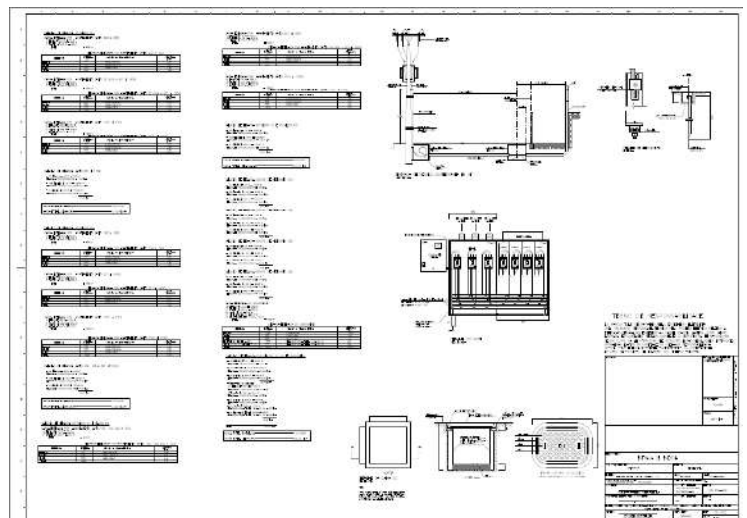
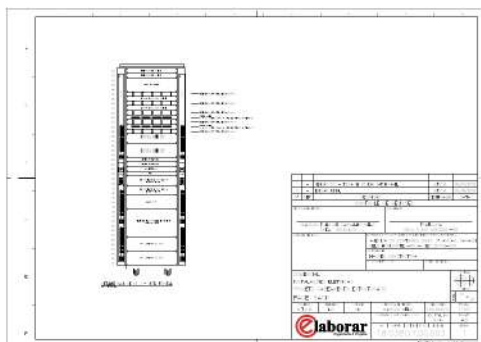
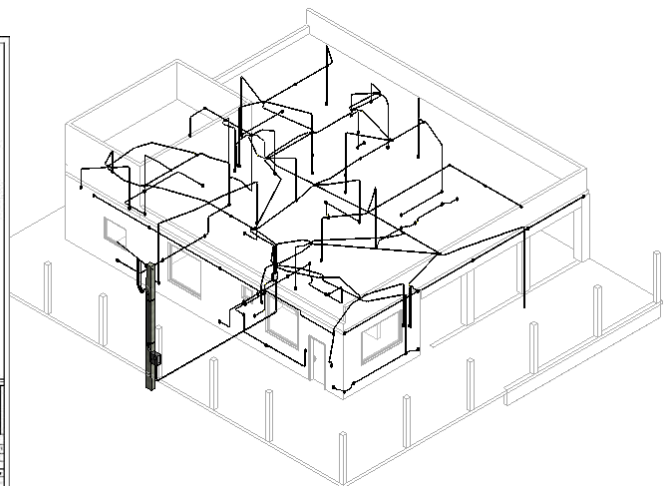
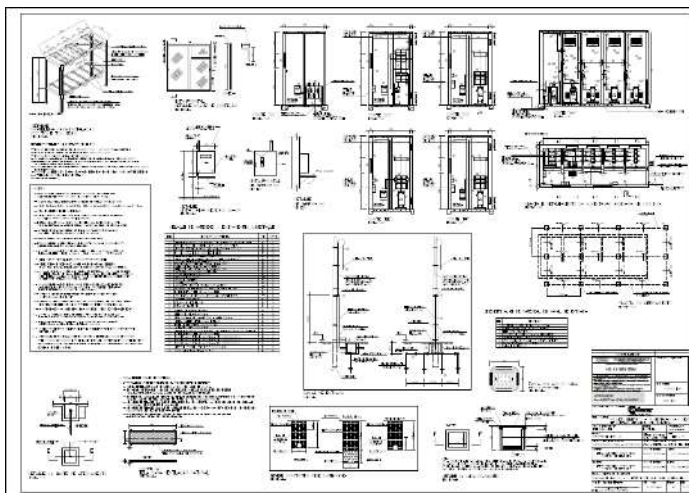
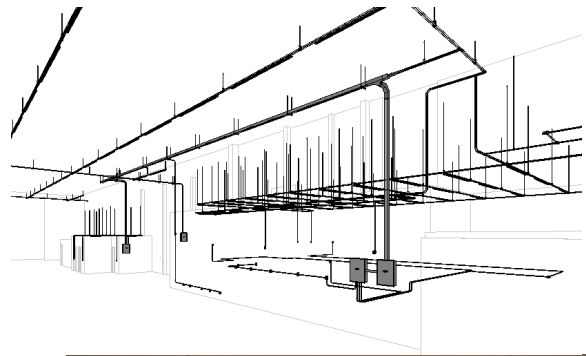
DOSADORES SOBRE MEDIDA



MECÂNICA
MECÂNICA

ELÉTRICA

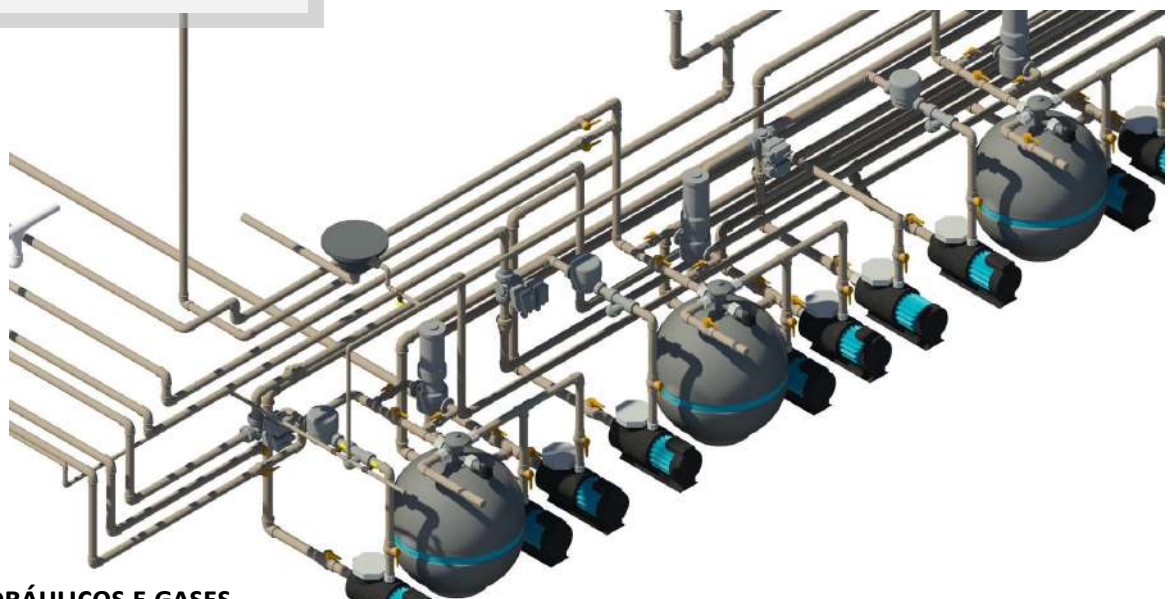
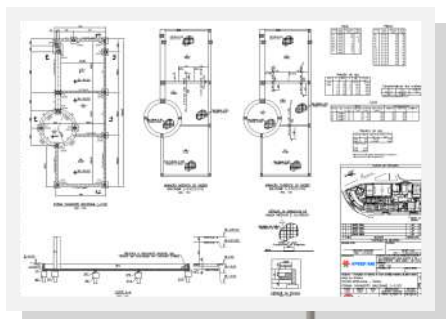
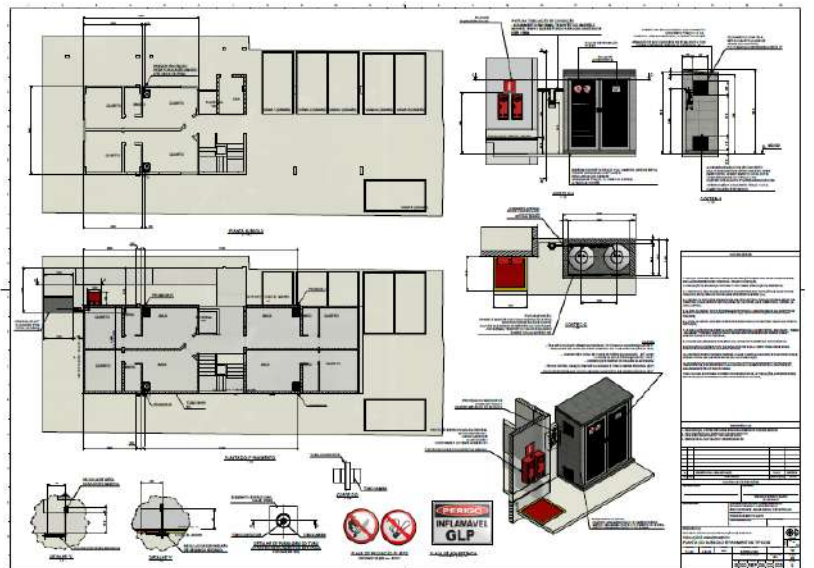
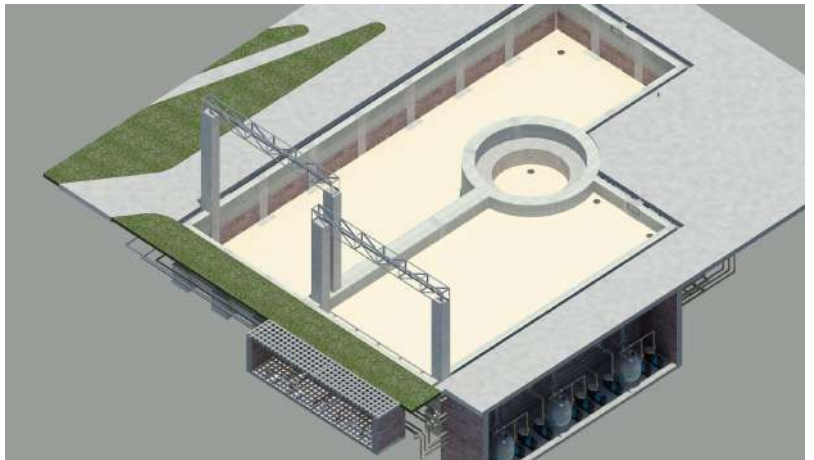
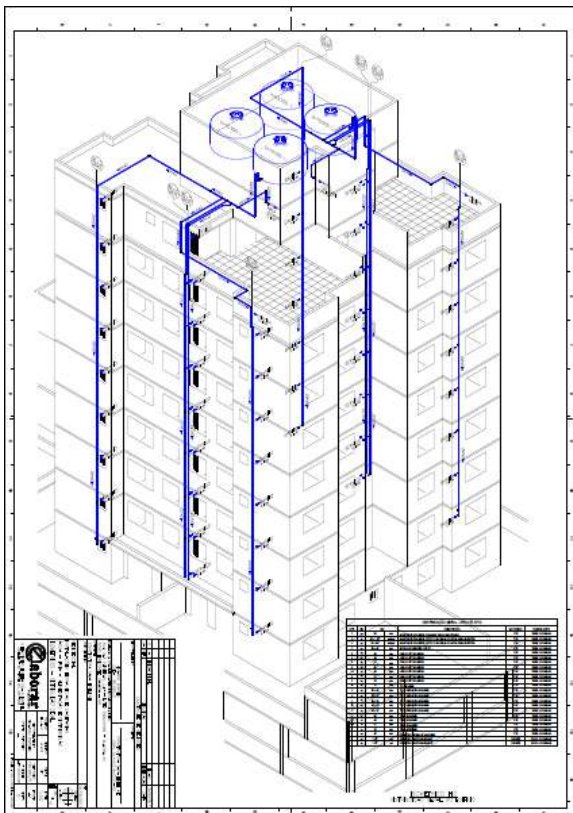
EGEUBICA



PROJETO ELÉTRICO RESIDENCIAL, PREDIAL E INDUSTRIAL, PROJETO DE SPDA, PROJETO DE CABEAMENTO ESTRUTURADO, PROJETO DE ENTRADA DE ENERGIA.

HIDRÁULICA E GASES

HIDRÁULICA E GASES



PROJETOS HIDRÁULICOS E GASES.

NR-10



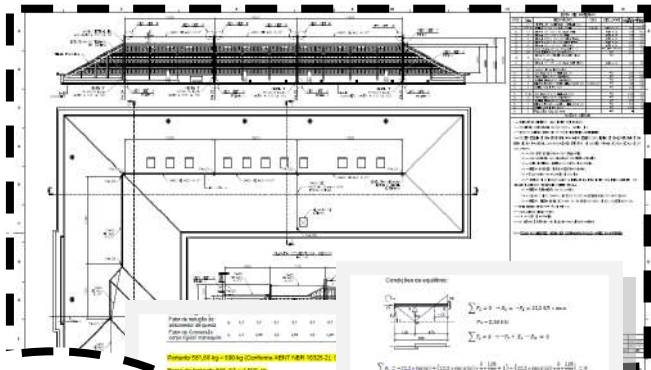
NR-13



NR-12



NR-18

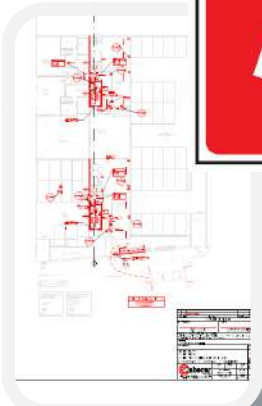


NORMAS REGULAMENTADORAS

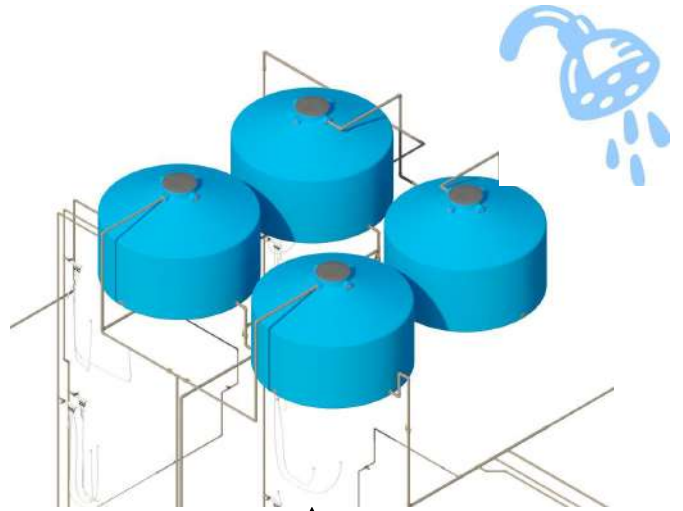
НОРМЫ РЕГУЛИРУЮЩИЕ?

CONSTRUÇÃO CIVIL

CONSTRUÇÃO CIVIL



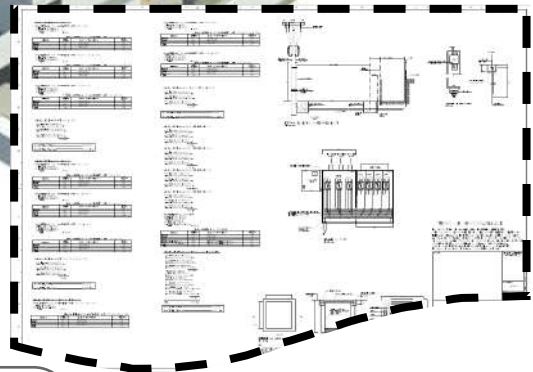
SISTEMAS DE COMBATE A INCÊNDIO



SISTEMAS DE DISTRIBUIÇÃO DE ÁGUA ELABORADOS EM 3D

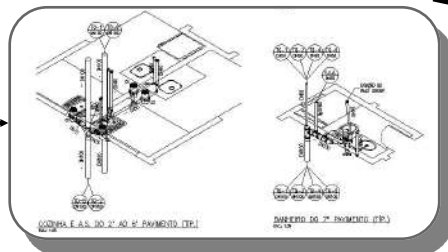


ESGOTO SANITÁRIO DESENVOLVIDO A PARTIR DO SISTEMA 3D COM ANÁLISE DE INTERFERÊNCIA



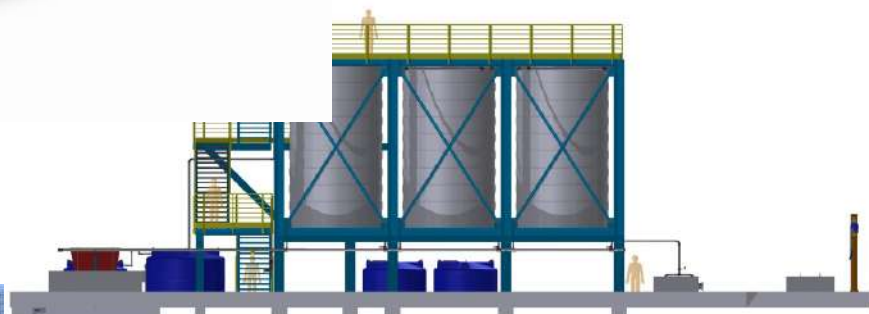
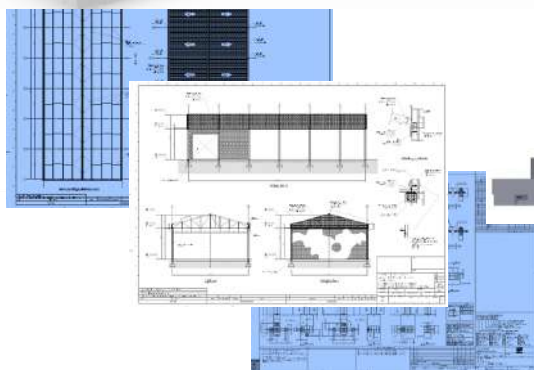
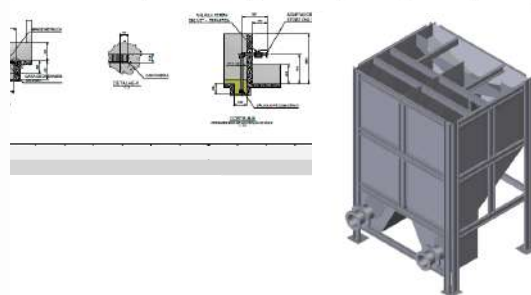
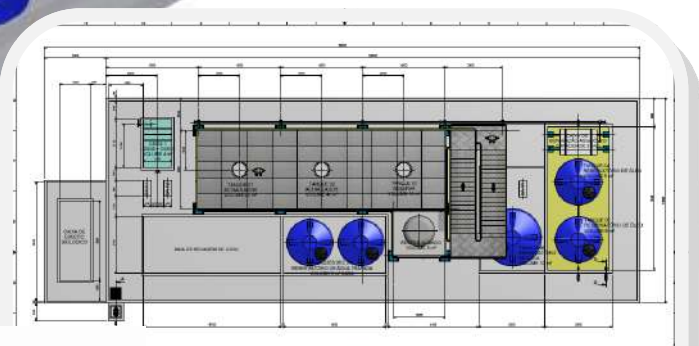
DISTRIBUIÇÃO DE ENERGIA

DETALHAMENTO ESTILIZADO



ESTAÇÕES DE BOMBEAMENTO

ESTAÇÕES DE BOMBEAMENTO



A **ELABORAR ENGENHARIA & PROJETOS** fornece toda a documentação necessária para a implantação.

Elaborar Engenharia & Projetos

ENGENHARIA DE QUALIDADE

ALGUNS CLIENTES:



Projetos Multidisciplinares

Civil
Elétrica
Hidráulica
Mecânica
Utilidades
Laudos

Tel: +55 31.3361.6406

Email: elaborar@elaborar.eng.br

Site: www.elaborar.eng.br

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