



Painel - Integração de dados em campo: dos equipamentos para o CAD e BIM

Infraestrutura: Tecnologias

Eng. Daniel Queiroz

Especialista Técnico AEC (Arquitetura, Engenharia e Construção)



Seminário Geomática nas Obras de Engenharia e Infraestrutura, 27/10/11, São Paulo

Autodesk

Agenda

Autodesk

CAD / BIM

Tendências

Tecnologias

Saiba mais



Apontando o futuro em diversas indústrias

AEC



Building Information
Modeling



Manufacturing



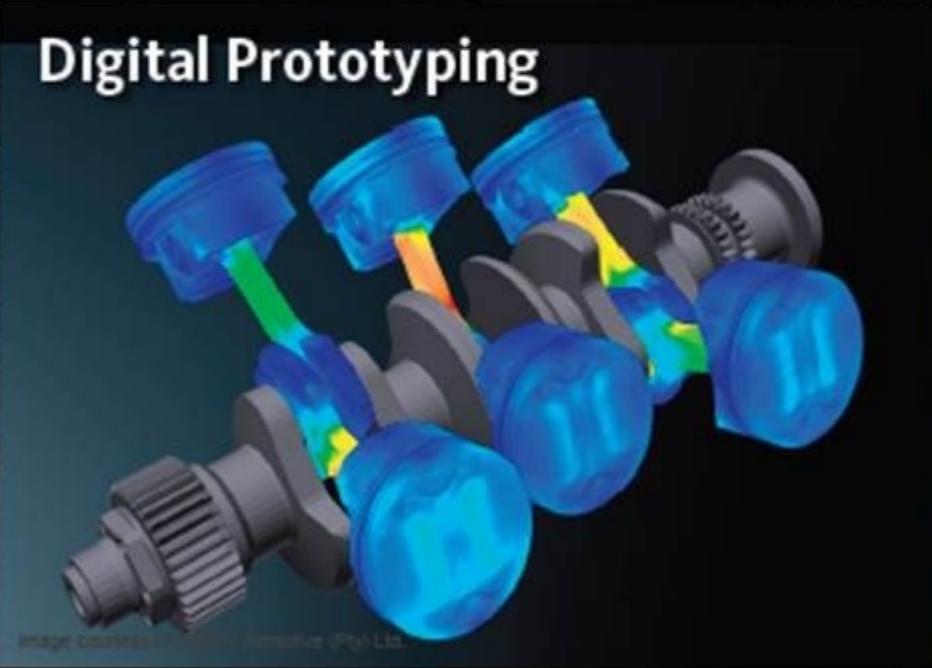
M&E



Digital Entertainment Creation



Digital Prototyping

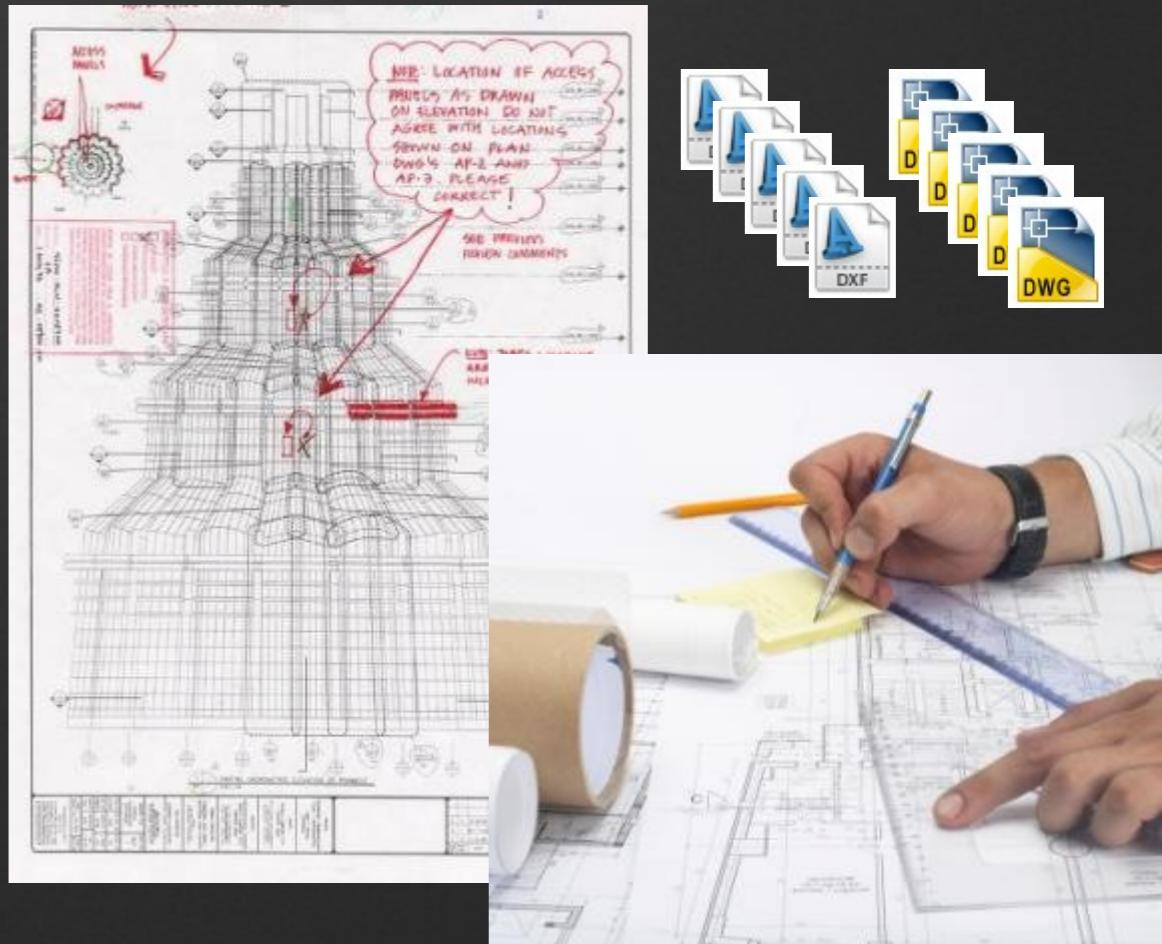


The background image shows a wide-angle aerial view of a complex highway interchange. In the foreground, there's a multi-lane road with several cars. The middle ground features a large, curved overpass. The background is filled with a dense city skyline, featuring numerous skyscrapers of varying heights and architectural styles under a clear sky.

Introdução - Evolução para BIM

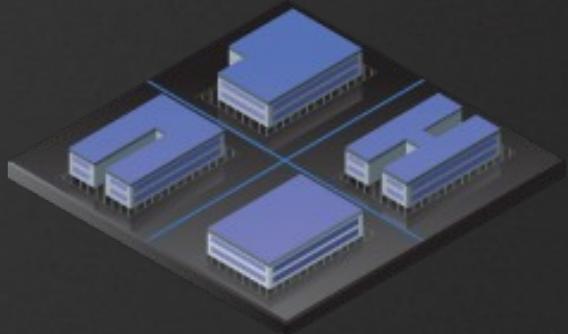
CAD Tradicional

- Foco em produção de desenhos
- As informações do Projeto estão espalhadas em vários arquivos e formatos
- Dificuldade para mudar o projeto quando já está em fase final
- Risco de perda de dados durante a coordenação de várias disciplinas



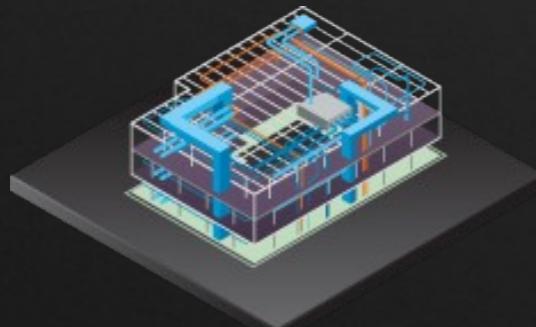
BIM

Uma forma mais inteligente de projetar

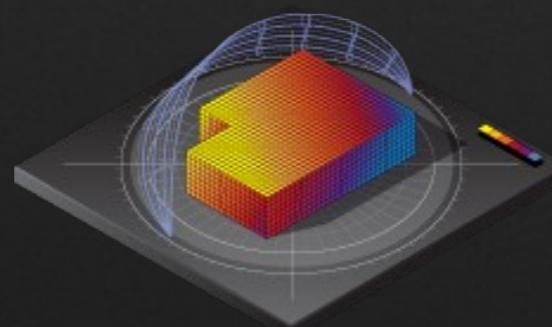


BIM (Modelagem de Informação da Construção) = Modelo do empreendimento

O processo BIM garante maior rapidez, economia e qualidade nos empreendimentos, possibilitando também a redução de retrabalho, desperdício e impacto ambiental, com ganhos em planejamento, produção e operação de obras.



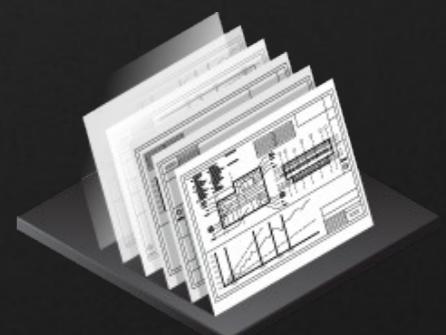
PROJETO



ANÁLISE

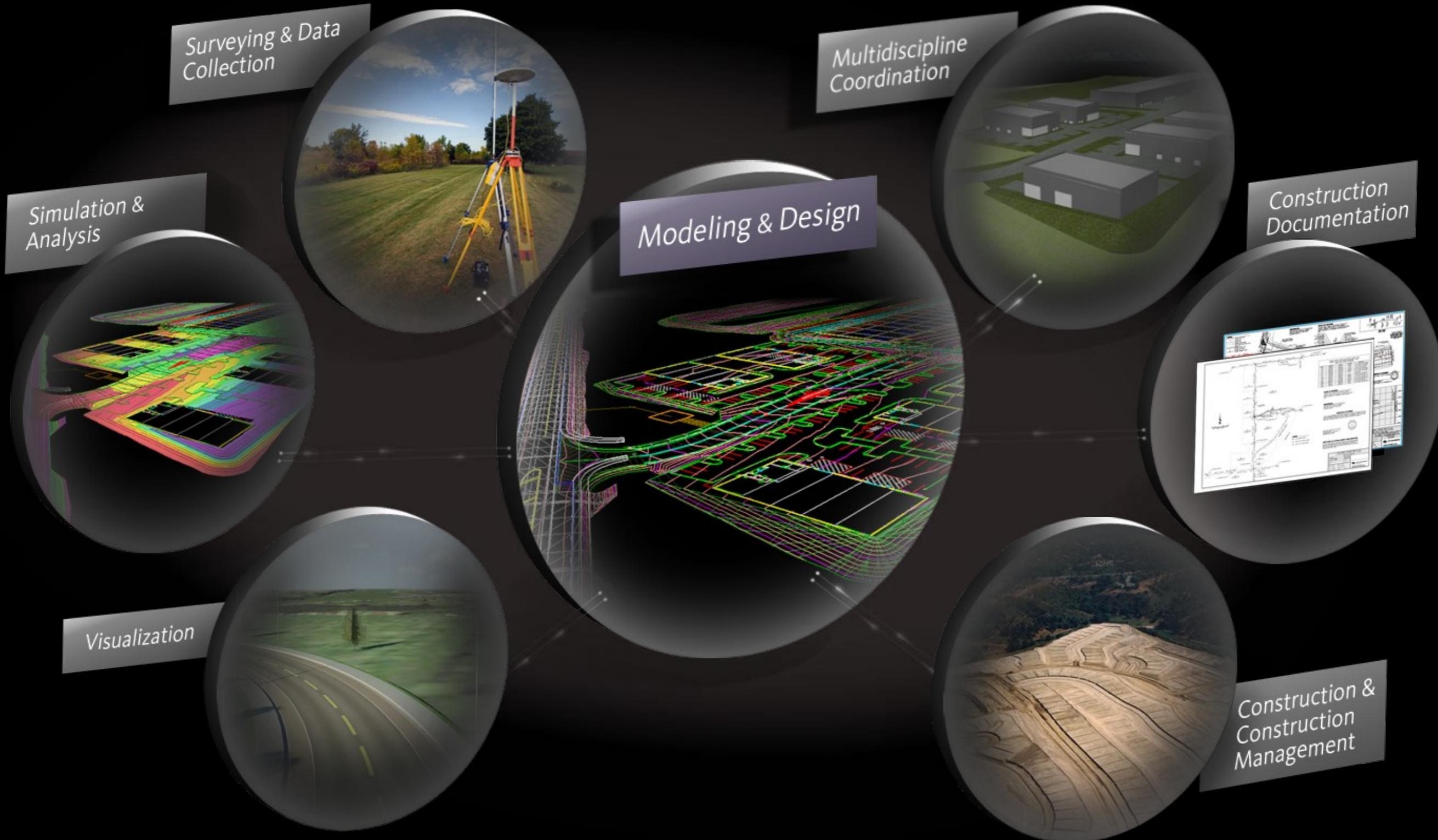


VISUALIZAÇÃO



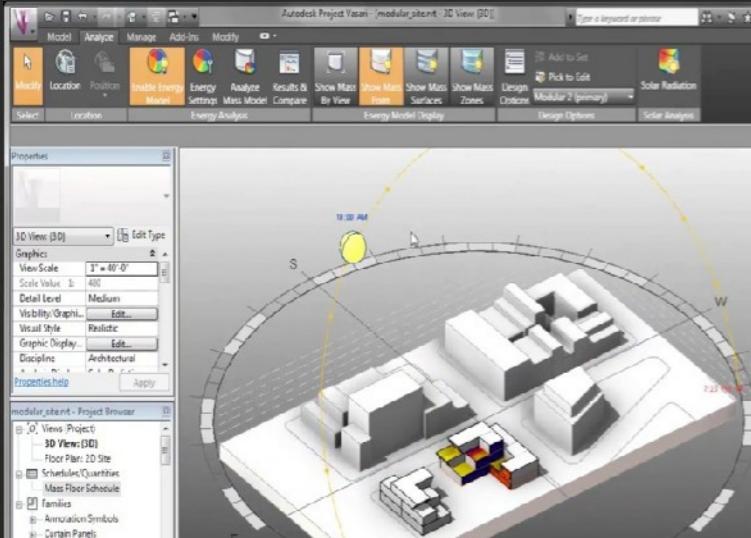
DOCUMENTAÇÃO

INTEGRAÇÃO



Inovação

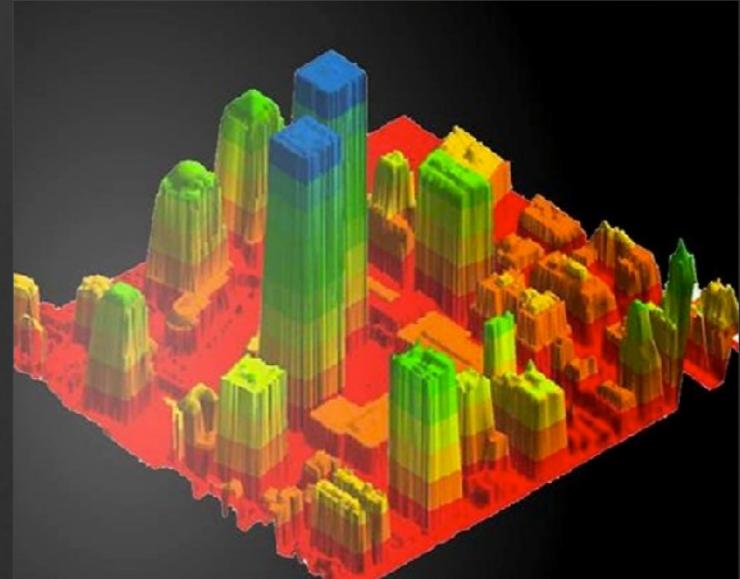
Click to edit Master text styles
Second level
Third level
Fourth level
Fifth level



Cidades Digitais



Cloud



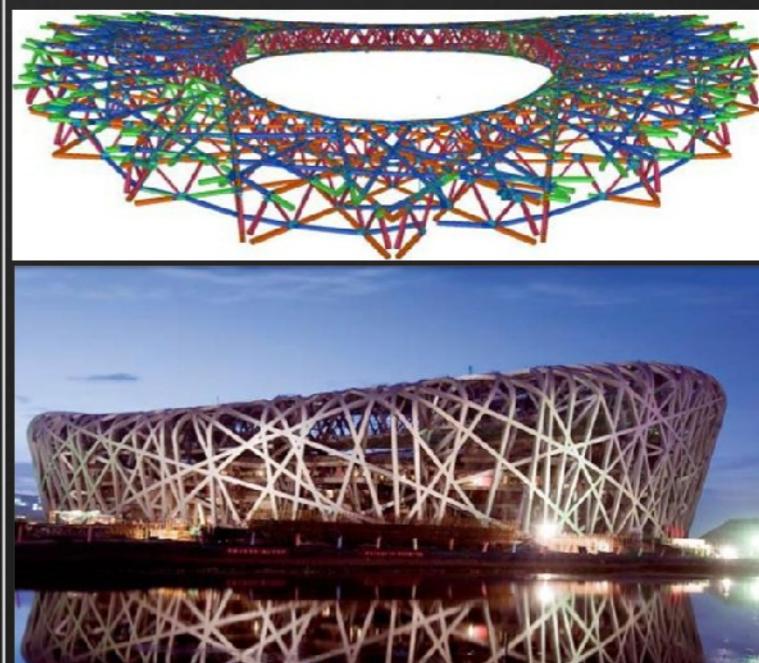
Análise e Simulação



Colaboração



Captura de realidade



Impressão 3D

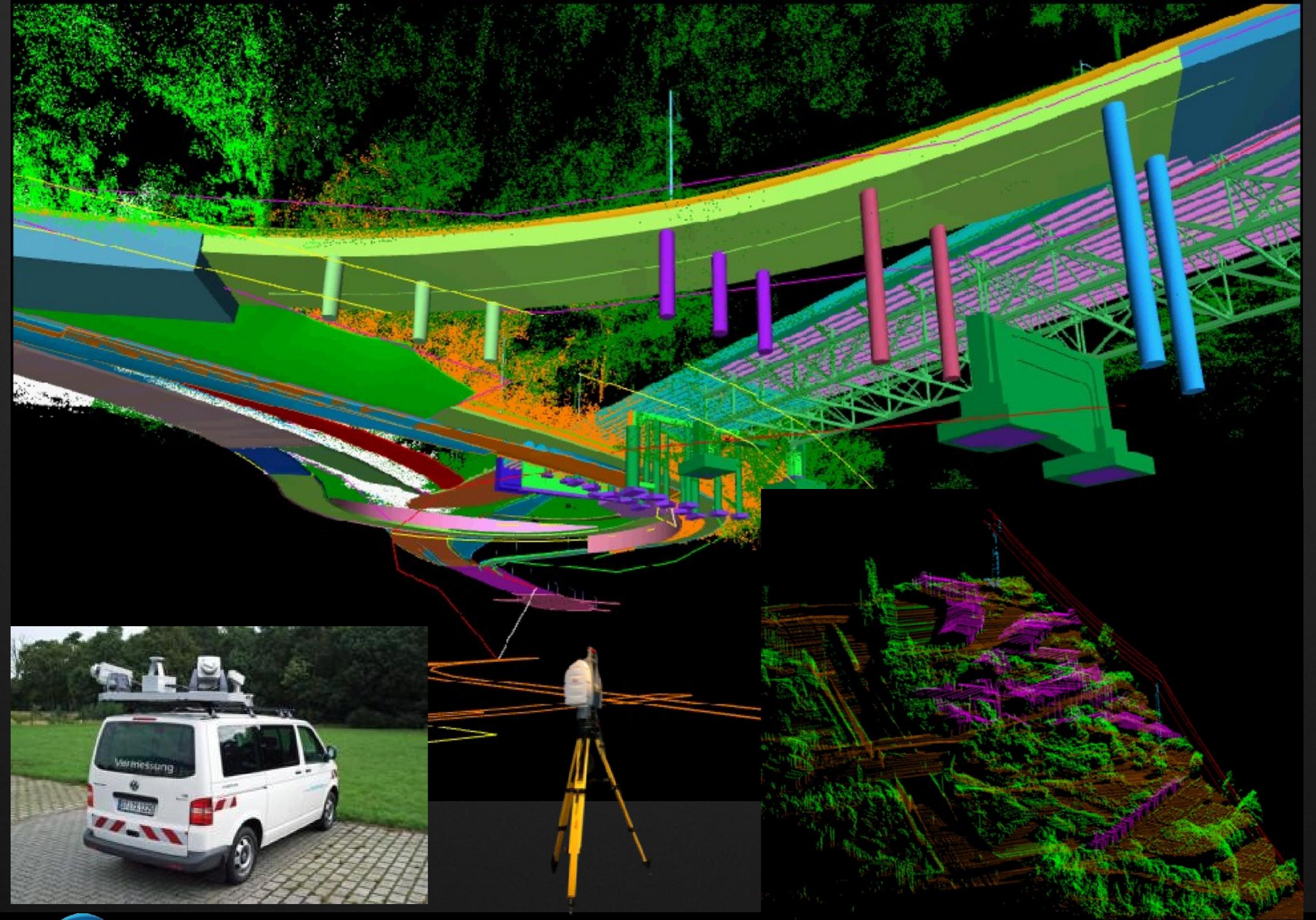
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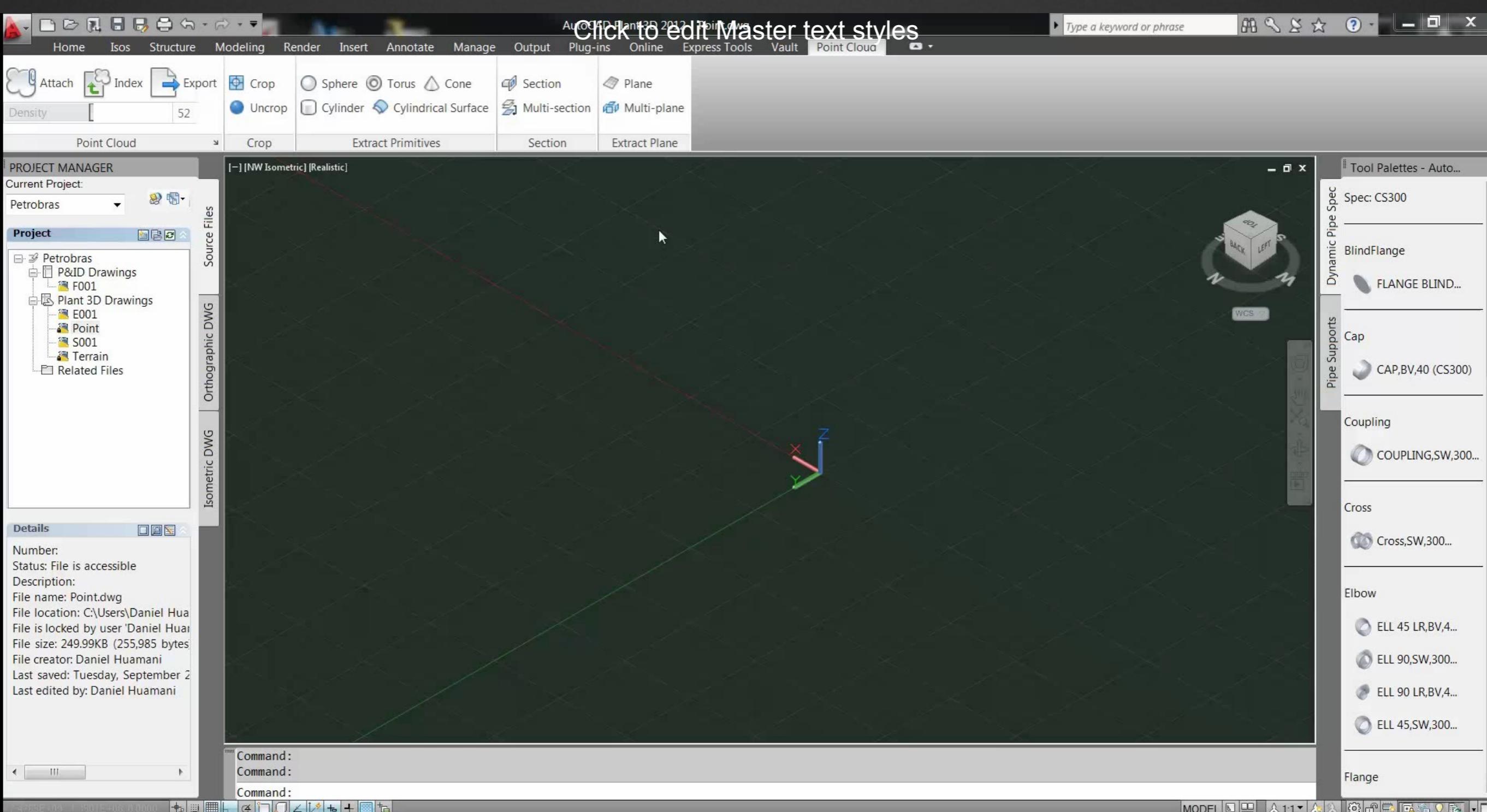
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Plug-in Earthmine para AutoCAD Map 3D



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- ✓ Para saber mais sobre a Autodesk, visite: www.autodesk.com.br
- ✓ Contato direto pelo email daniel.queiroz@autodesk.com
- ✓ Blog de Engenharia, Infraestrutura e AutoCAD Civil 3D. Civil 3D Br - civil3dbr.typepad.com

The screenshot shows the homepage of the Civil 3D Br blog. The header features a large image of a bridge over water, with the title "Civil 3D Br" and the subtitle "Blog oficial da Autodesk do Brasil sobre Civil 3D". Below the header, there are links for "Home", "Subscribe", and "Autodesk". The main content area has a post titled "Borehole utility - Furos de Sondagem em Planta e Perfil" dated "21/10/2011". The post discusses the importance of borehole utility in civil engineering projects. To the left of the post is a sidebar with "ABOUT THE AUTHOR" sections for two individuals, each with a photo and a "About the Author" link. Below this is a "HIGHLIGHTS" section showing a calendar for October 2011. To the right of the post is a sidebar with "RSS FEED" (including a "Subscribe" button), "ACOMPANHE" (Facebook and Twitter links), "SEARCH" (with a search bar and "Search" button), and "RECENT POSTS".



Obrigado!

daniel.queiroz@autodesk.com

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