

# Alguns cases



# Petrobras - Sede Pre-Sal





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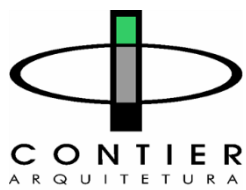




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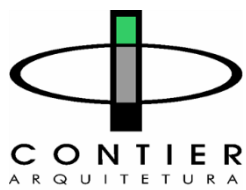




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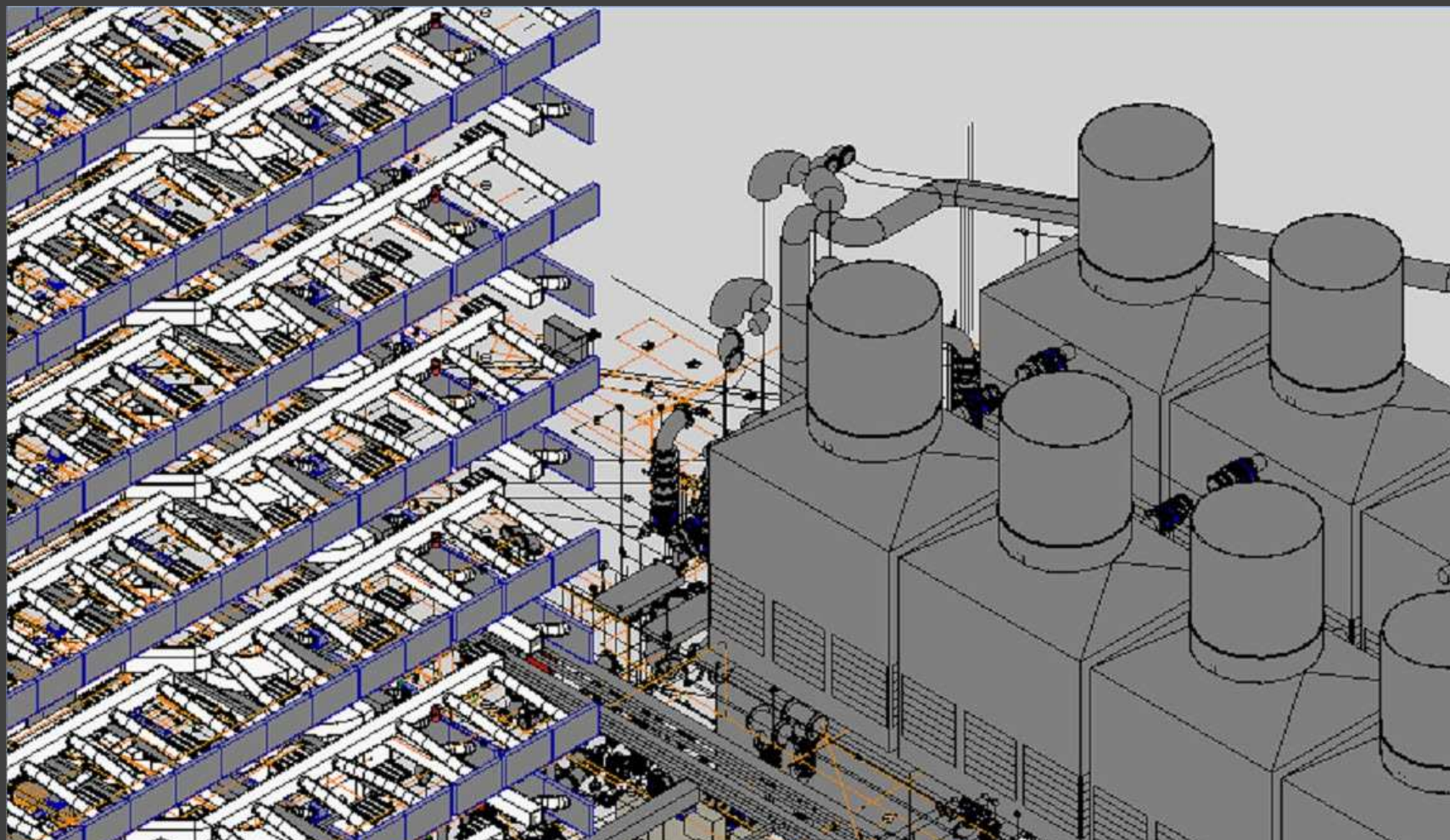
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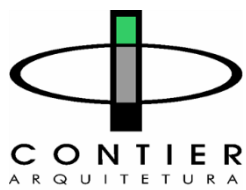




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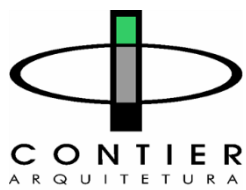




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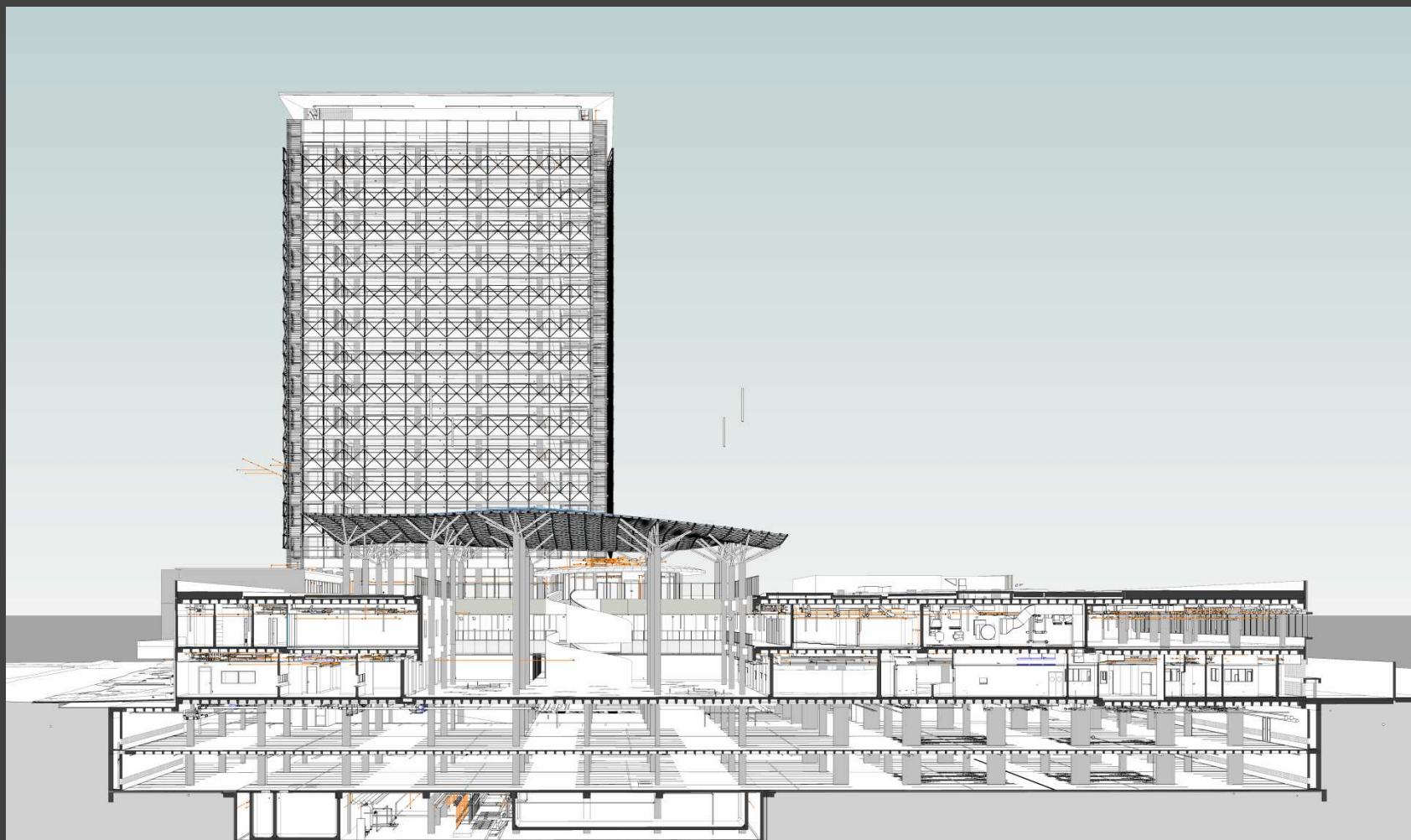
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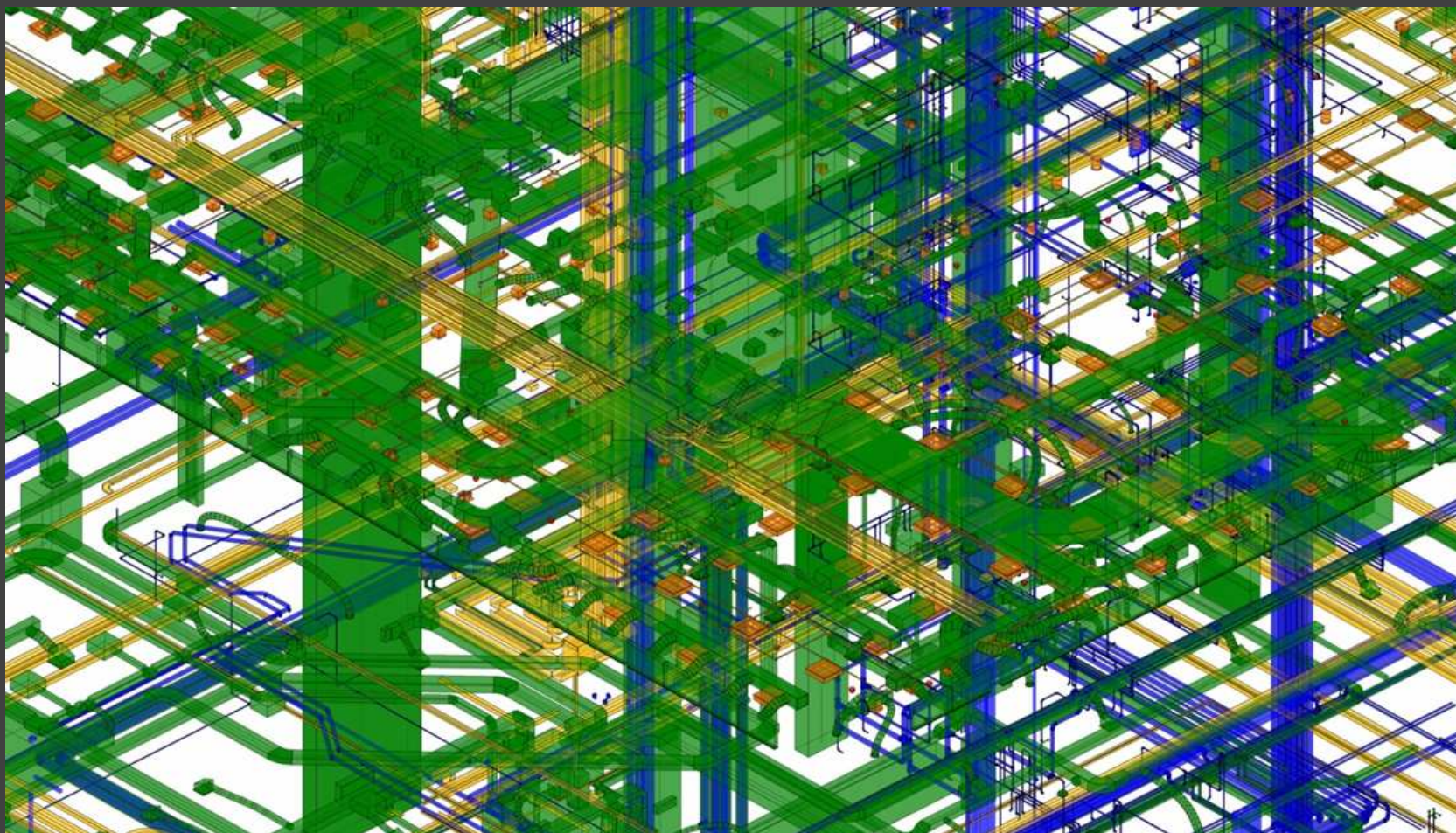
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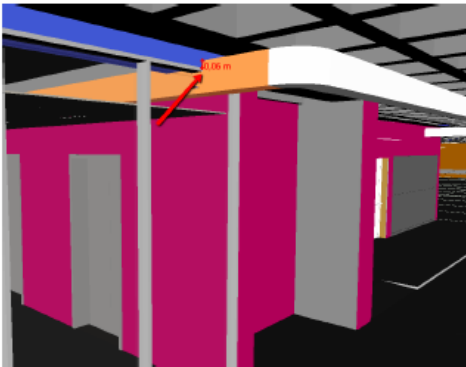




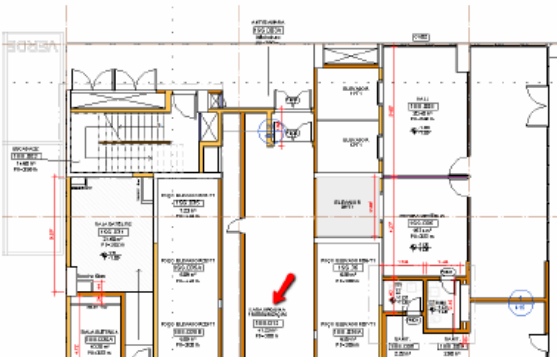
# Petrobras - Sede Pre-Sal

	RELATÓRIO	Nº: RL-3A01.07-8100-940-CZP-102	REV. 0
	ÁREA: EDIFICAÇÕES ADMINISTRATIVAS	FOLHA: 3 de 27	
	TÍTULO: RELATÓRIO DE CLASH DETECTION E COMPATIBILIZAÇÃO – Estrutura x HVAC	CORPORATIVO	
		ENGENHARIA IEEPT/IEMX	

2. duto entrando no Hall – 1SS.005  
Duto de 20x25cm interferência com viga.



3. Modificar dutos pressurização da escada segundo novo layout do núcleo da Torre 1.







# Odebrecht - Vila do Atletas







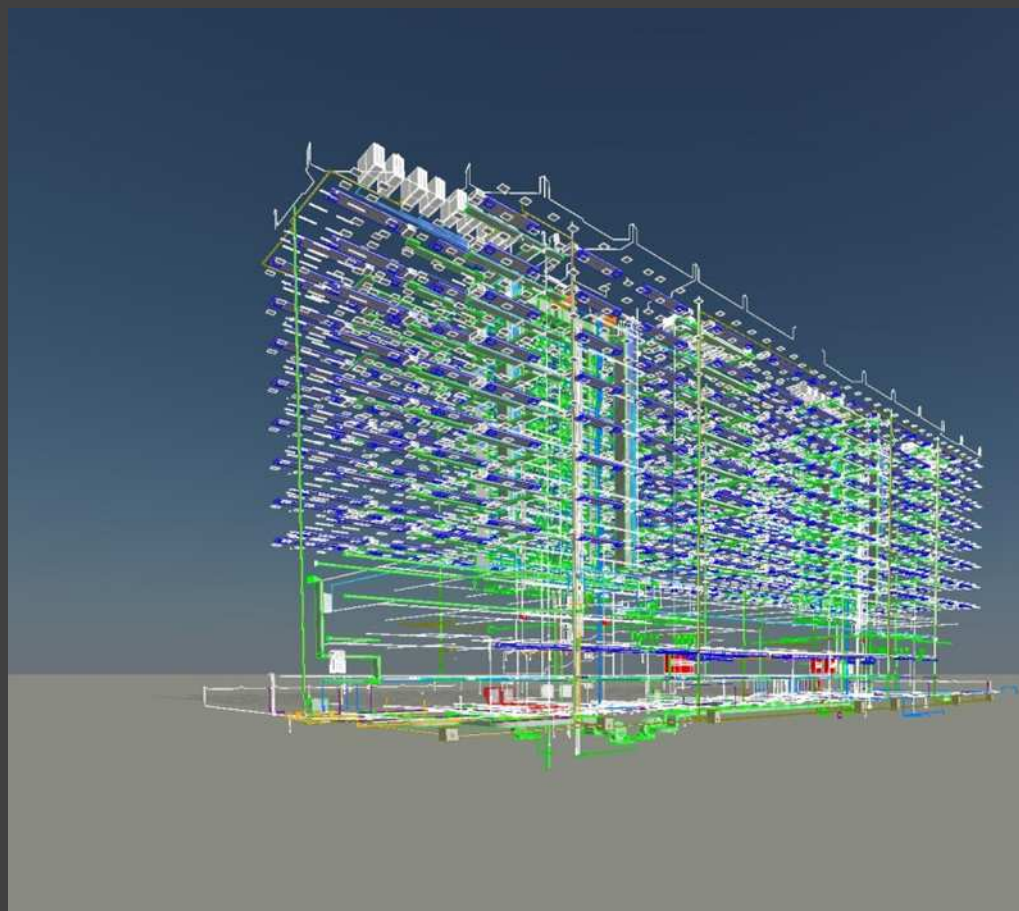
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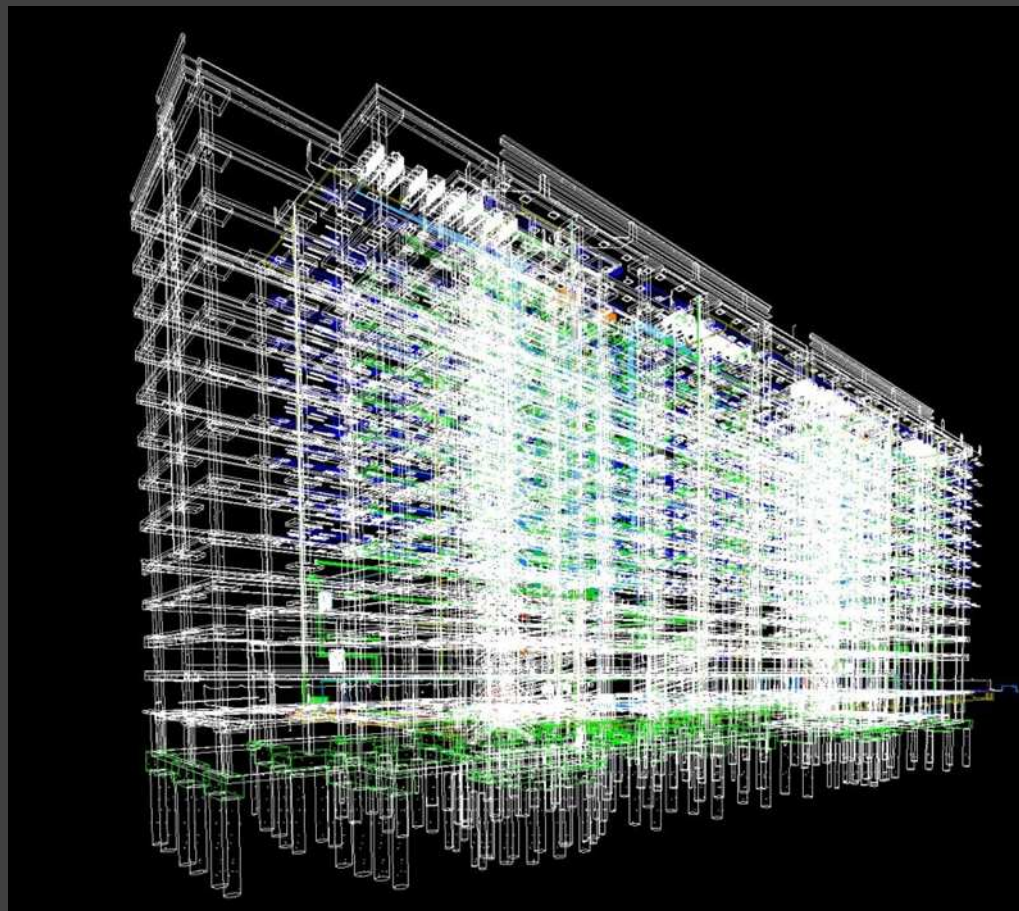
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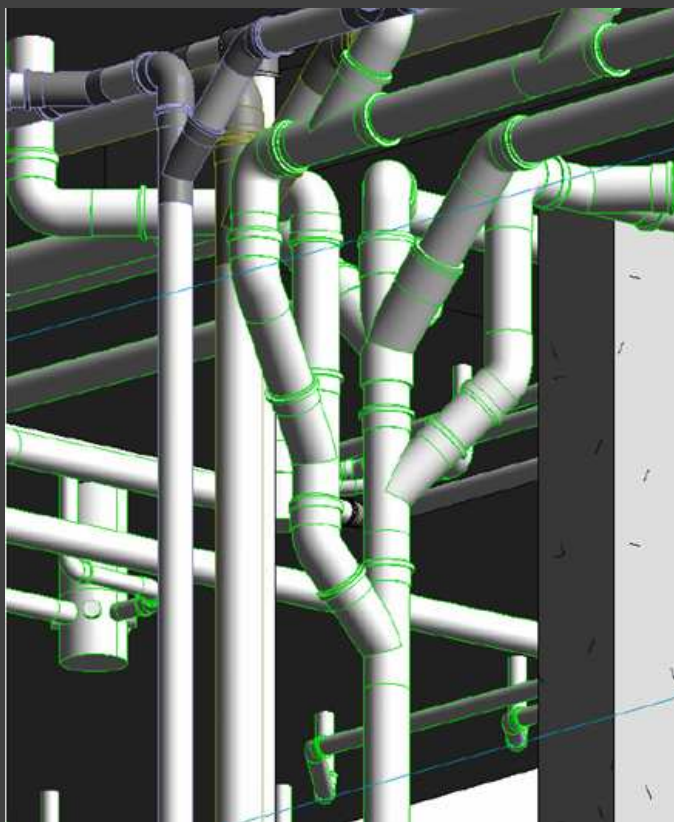
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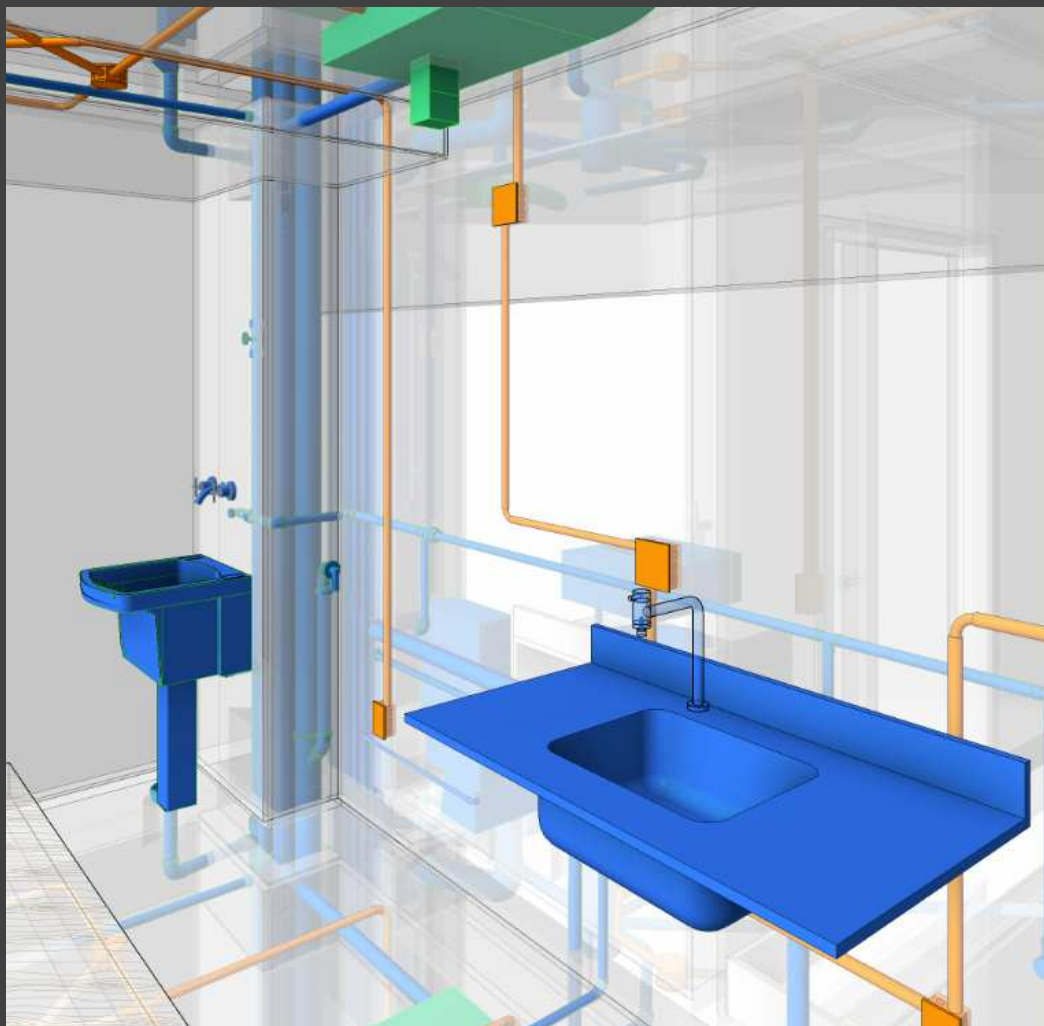
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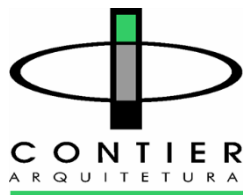






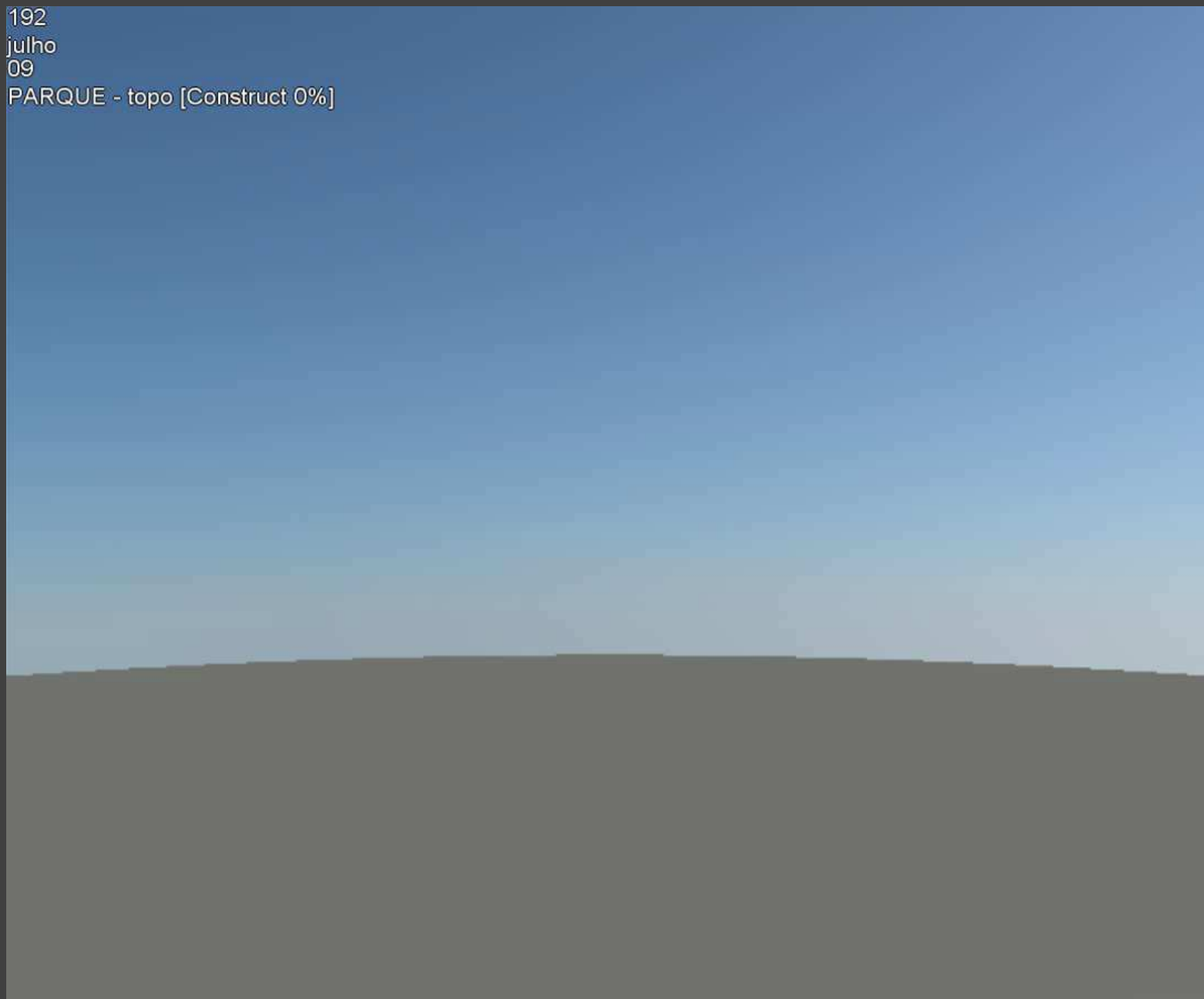
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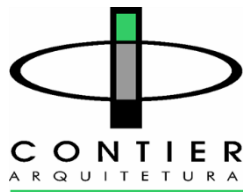


192  
julho  
09

PARQUE - topo [Construct 0%]







# Porque BIM?

GSA U.S. General Services Administration

WHAT GSA OFFERS DOING BUSINESS WITH GSA LEARN MORE BLOG

Home > Buildings & Real Estate > Design & Construction > 3D-4D Building Information Modeling >


## Design & Construction

- Overview
- Architecture & Engineering
- Art-in Architecture & Fine Arts
- CAD Standards
- 3D-4D Building Information Modeling

### 3D-4D Building Information Modeling

In 2003 the General Services Administration (GSA), through its Public Buildings Service (PBS) Office of Chief Architect (OCA), established the National 3D-4D-BIM Program. OCA has led over 30 projects in its capital program, and is assessing and supporting three dimensional (3D), four-dimensional (4D), and Building Information Modeling (BIM) applications in over 100 projects to date across the nation. The power of visualization, coordination, simulation, and optimization from 3D, 4D, and BIM computer technologies allow GSA to more effectively meet customer, design, construction, and program requirements. GSA is committed to a strategic and incremental adoption of 3D, 4D, and BIM technologies.

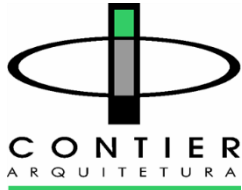
There is a progression from 2D to 3D, 4D, and BIM. While 3D models make valuable contributions to communications, not all 3D models qualify as BIM models since a 3D geometric representation is only part of the BIM concept.



For all major projects (prospectus-level) receiving design funding in Fiscal Year 2007 and beyond, GSA requires spatial program BIMs be the minimum requirements for submission to OCA for Final Concept approvals by the PBS Commissioner and the Chief Architect. At the same time, all GSA projects are encouraged to deploy mature 3D, 4D, and BIM technologies—spatial program validation and beyond—at strategic project phases in support of specific project challenges.

- Design and Construction Delivery Process
- GSA Annual Prospectus

The following are highlights of the GSA National 3D-4D-BIM Program:



# Porque BIM?

RIBA 

*BIM Overlay to the RIBA Outline Plan of Work*

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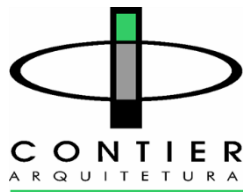
## Introduction

This document is the result of a review of the Outline Plan of Work 2007 (Amended November 2008) by a working group under the direction of the RIBA Practice and Profession Committee. A number of clients have assisted in the review, and the RIBA members involved in the UK Government Cabinet Office and CIC BIM working groups have also contributed to the document.


The BIM Overlay builds on the Green Overlay to the RIBA Outline Plan of Work, edited by Bill Gething and recently published by RIBA Publishing. Together these two documents are part of the preparatory work being undertaken prior to a fundamental review of the RIBA Plan of Work that will take place in 2012-13.

This document also forms part of the response from the construction industry, and in particular the RIBA, to the Government's commitment to have all its projects utilising BIM from the summer of 2012.<sup>(1)</sup> Needless to say, as a result of this stated intention and the release of other key government documents<sup>(2)</sup> there has been a growing interest in the subject, and whilst enhanced levels of BIM have successfully been used on a number of completed projects, for many designers the subject is relatively new. This increased interest has resulted in various papers, discussions and conferences on the subject, and although opinions on certain subjects are converging, there is a wide ranging set of views on others.





# Porque BIM?



## Design in Brazil

### Architecture Services Trade Mission to Brazil, October 2013

**Explore Partnership Opportunities in Brazil**  
The United States Department of Commerce with support from the American Institute of Architects (<http://www.aia.org/advocacy/>), is organizing an Architecture Services Trade Mission to Brazil, October 7 to 10, 2013.

**Best Prospects**  
Our industry experts have determined that firms with the following architectural design expertise have the best opportunity to succeed in the market:

- Port design
- Airport design
- Industrial design for manufacturing plants
- Healthcare facilities, including hospitals
- Lighting design for commercial use
- Urban planning (mixed neighborhood design, technology and equipment for "smart cities")

Building Information Modeling (BIM) Process

**Why Brazil?**  
**Rio de Janeiro.** The Government of Brazil will spend or attract private investment of some US\$470 billion in development of the country's infrastructure as it prepares for the upcoming Games. The GOB has begun auctioning concessions to private companies to operate airports, ports, roads, and railways. Rio de Janeiro, host of the 2016 Olympics, is the largest city benefiting from infrastructure investments.

**Apply Now, Space is Limited**  
<http://export.gov/trademissions/BrazilArchitecture2013/>

**Date:** October 7-10, 2013

**Venue:** Rio de Janeiro and Recife, Brazil

**Deadline:** August 9, 2013

**Cost:**

- \$3250 for small and medium enterprises (fewer than 500 employees)
- \$4,000 for large firms
- \$750 for each additional firm representative.
- Expenses for travel, lodging, most meals, and incidentals will be the responsibility of each mission participant.

**For More Information:**

Arica Young  
202-482-6219  
[arica.young@trade.gov](mailto:arica.young@trade.gov)

Patrick Levy  
+55+21-3823-2413



# Obrigado





# Contier Arquitetura

**luiz.contier@contier.com.br**

**Matriz:**

Av. Nove de Julho, 5713 cj. 02 – Jardim Europa  
São Paulo – SP – 01407-200  
(11) 3167-5650

**Filial:**

Rua Visconde de Pirajá, 82 sala 711 – Ipanema  
Rio de Janeiro – RJ – 22410-904  
(21) 3579-6024