

# Alanster Rodrigues

Senior Project Architect & BIM Coordinator

## SPECIALIZING IN:

- High-Stakes Project Rescue
- Millimetre-Perfect BIM Coordination
- UHNWI Client Expectations
- Global Team Leadership

"Transforming architectural risk into predictable outcomes."





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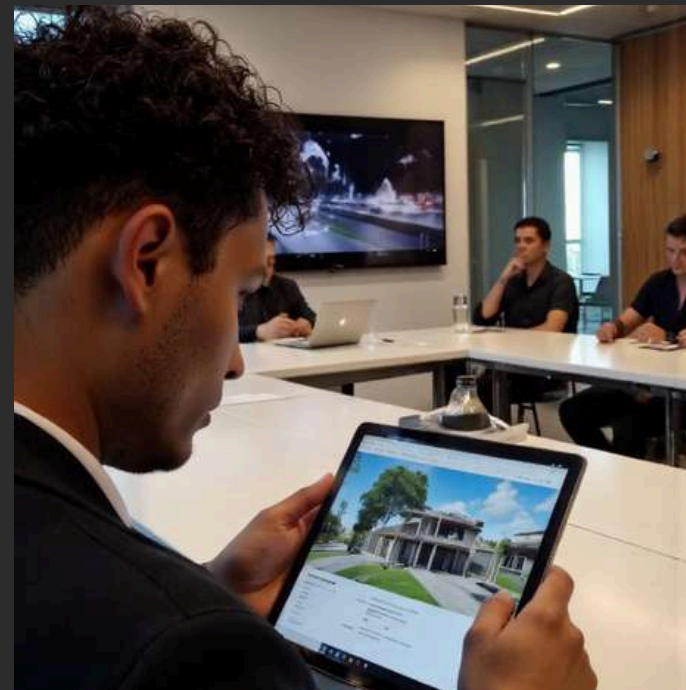
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## BIM Coordination: Guaranteed Performance

- **Risk Mitigation:** Guaranteed performance by **integrating ISO 19650 principles** into the workflow.
- **Multidisciplinary Clarity:** Through solid **BEP**, maintain **clear, precise communication** with engineers and technicians to ensure accurate project production and coordination.
- **Humanised Leadership:** Create **client trust** and optimise team performance by applying human factors to communication and process rigour.



Concept Design.



BIM Execution Plan (BEP) &  
Model Setup.



Multidisciplinary  
Coordination.



Final Delivery of  
Documentation.

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## **Architectural Performance:** Where Heritage Informs Innovation

I engineer high-performance architecture by structuring creative vision with scientific rigour.

My process distils the essence of historical principles and fuses them with cutting-edge technology to deliver efficient, timeless, and measurable results. My Method in Practice:

- **OBSERVE & ABSTRACT:** I extract logic from nature and history, transforming it into intelligent design algorithms.
- **QUANTIFY & PREDICT:** I leverage advanced BIM workflows (Revit, Navisworks, Archviz, AI) and data analysis to solve complex resilience and tolerance issues with precision.
- **OPTIMIZE & DELIVER:** This data-driven rigour streamlines collaboration, cutting revision cycles by 30% and guaranteeing project progress.

In this architecture, beauty is the byproduct of perfect function, crafted for the future with ancestral wisdom.





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Vitória Airport - Vitória, Brazil 2018

Role: Project coordination / Technology: Revit, Autocad.



## Vitória International Airport: Governmental Sector:

- **Launchpad:** My architectural career launched with direct involvement in the construction of this major governmental infrastructure project.
- **High-Stakes Coordination:** Managed the large-scale project from conception to final delivery.
- **Stakeholder Focus:** Oversaw technical communications between government agencies, local communities, and environmental organisations to ensure compliance and meet project sustainability targets.



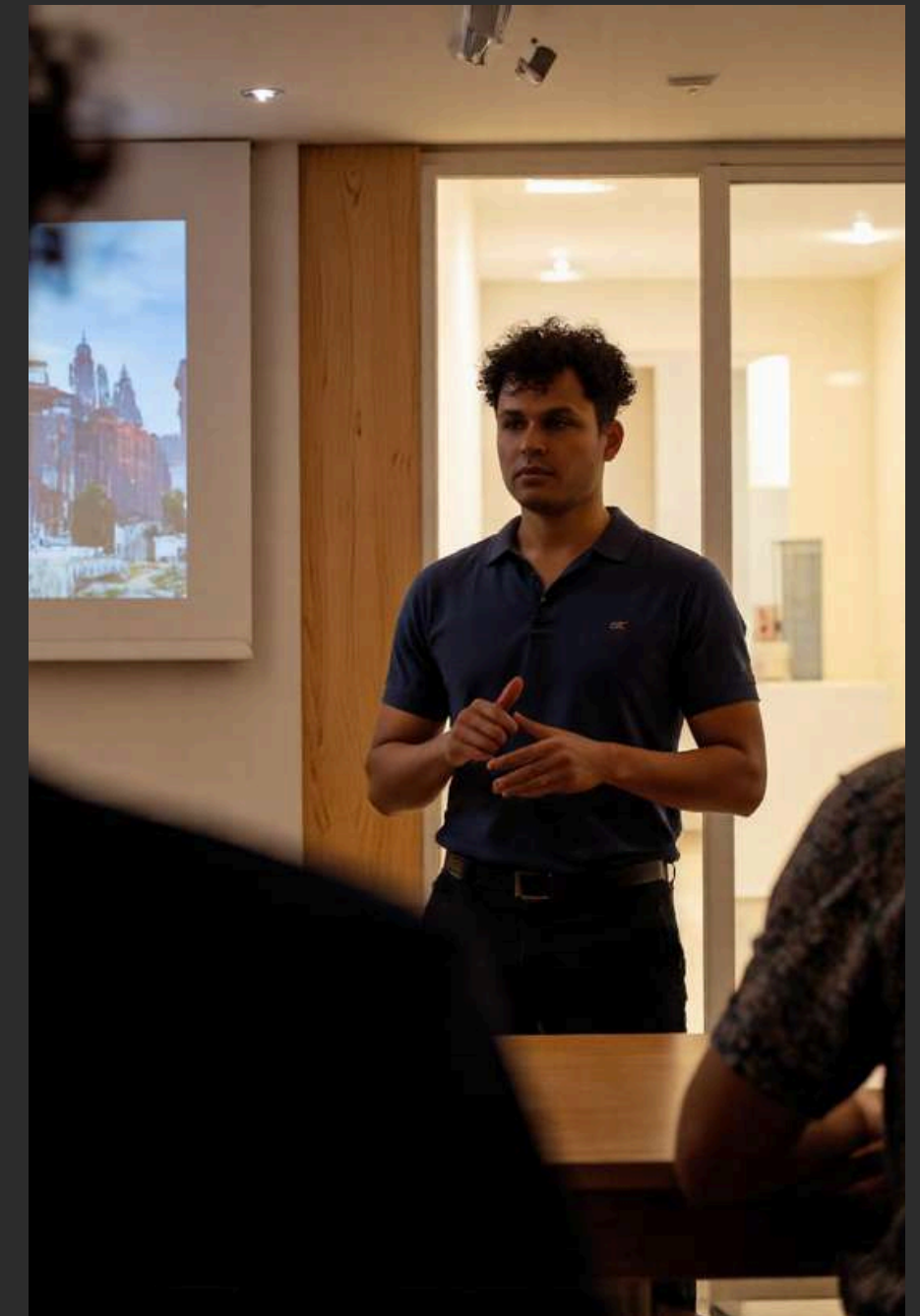
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Vitória Airport - Vitória, Brazil 2018

## Community Integration & Local Supply Chain:

- Bridged technical design with **crucial social impact** for the Infraero team.
- Drove strategy to incorporate **local materials and suppliers** into the supply chain.
- Result: **Reduced social tensions** and streamlined construction logistics through community collaboration.
- Fulfilled project **sustainability targets** via local economic empowerment.





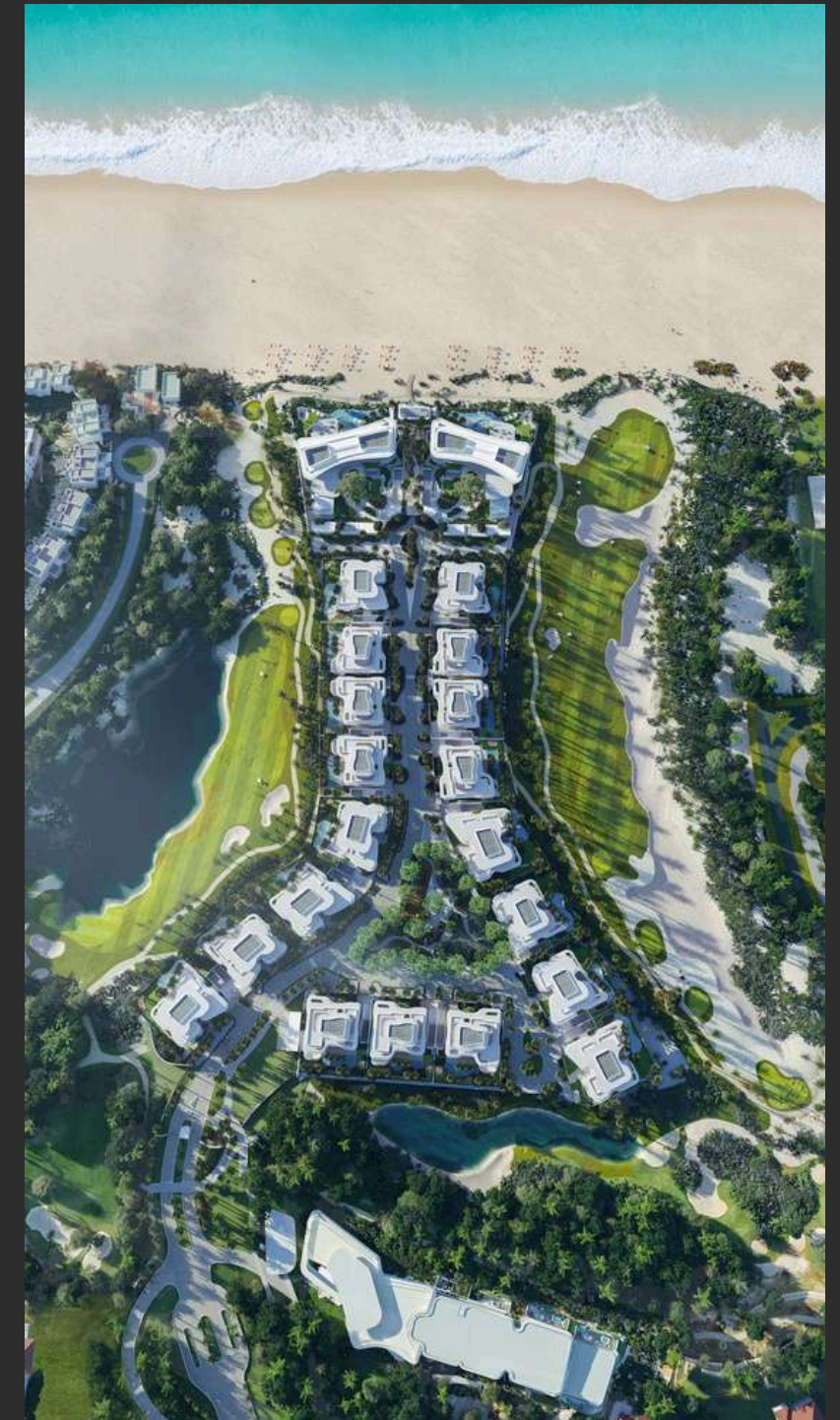
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Saadiyat Island Luxury Paradise - Abu Dhabi, UAE 2024

## Global Multidisciplinary Orchestration:

- CHALLENGE: Coordinate **50+ ultra-high-resolution scenes across 5 international time zones** for an extremely demanding UHNWI client.
- ACTION:
  - Implemented centralized digital workflow using Notion as command center.
  - Established rigorous review cycles and clear communication protocols.
  - Served as technical translator between client vision and team execution.
  - Leveraged BIM as single source of truth for all disciplines.
- RESULT:
  - Delivered all 50+ scenes on time, **exceeding client quality expectations**.
  - Built relationship of trust, becoming go-to partners for high-stakes projects.
  - Established repeatable process for **global team management**.





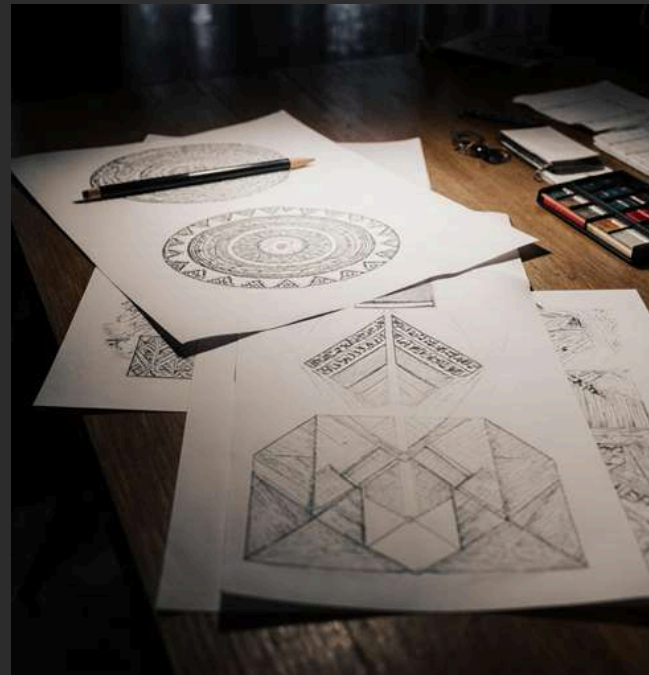
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Morar Mais Sustainable Exhibition - Vitória, Brazil 2020

## Morar Mais Exhibition: Award-Winning Design:

- **Sourcing:** Award-winning design using reclaimed wood from a historic mansion (Material Memory).
- **Concept:** Abstracted indigenous patterns to create a visible composition for the wood panel, layering cultural narrative onto the material.
- **Manifesto:** The project asserts that true sustainability is cultural and narrative, not merely a technical requirement.





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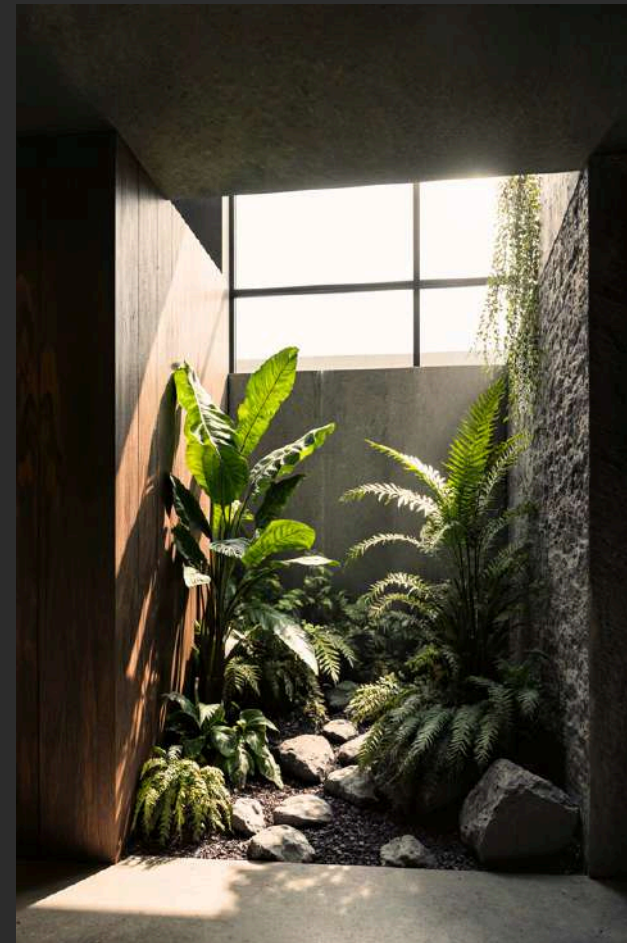
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Private Residence with biofilic garden - Vitória, Brazil 2022

## The Biofilic Garden Residence

- **Concept:** Design began by studying natural hydrology to translate "ancient wisdom of water" into a modern, functional system.
- **Performance:** The garden acts as a living system, optimising the microclimate and attracting native species.
- **Result:** Proves that architecture is a landscape science, delivering tangible connections to nature and reducing energy load.





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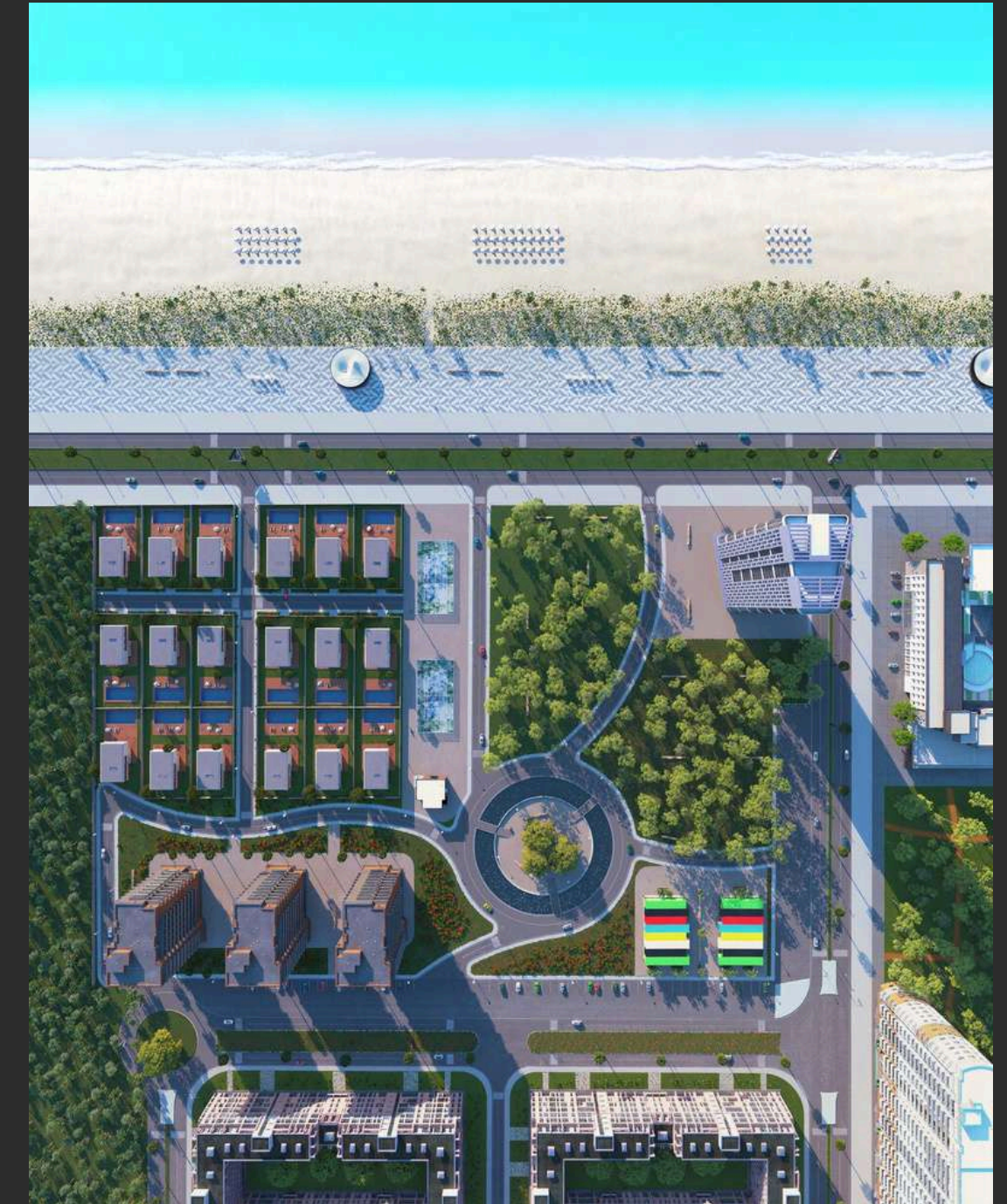
Ágora Tech Park - Blumenau, Brazil 2018

## Ágora Tech Park: Urbanism & Human-Centred Design.

- **Design:** Inspired by Jan Gehl's principles, the program was fragmented to prioritise pedestrian movement.
- **Result:** Created an intimate network of plazas and active edges, acting as a vibrant civic heart.
- **Concept:** The park is an extension of the city's social and ecological layers, not a dominating monument.



*"First life, then spaces, then buildings - the other way around never works."*  
— Jan Gehl.





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## Interior Refurbishment Conception - Pedra Azul, Brazil 2025



### Private Commission: Sanctuary Interior

- **Goal:** Executed design for a personal sanctuary—a refuge for reflection.
- **Aesthetics:** Employed a sober colour palette and rich, layered textures.
- **Result:** Delivered an atmosphere of calm and introspection through thoughtful, human-centred execution.



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A Retreat for Reflection - Pedra Azul, Brazil 2025



*"Beauty perishes in life, but is  
immortal in art."  
— Leonardo da Vinci*





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Palazzo Milano - Vitória, Brazil 2023



## Technical Turnaround: Rescuing Palazzo Milano

- **CHALLENGE:**

A high-end residential project was 3 months behind schedule, facing contractual penalties and complete coordination breakdown. Construction site was stalled with daily financial losses.

- **ACTION:**

- Created emergency BIM Execution Plan (BEP) within 2 weeks.
- Led daily coordination meetings between all disciplines.
- Ran intensive Navisworks clash detection, resolving 200+ critical conflicts.
- Established single source of truth for all teams.

- **RESULT:**

- Restarted construction within 4 weeks.
- Regained total control over timeline and budget.
- Avoided potential million-dollar penalties.
- Delivered project without further delays.

- Technologies: Archicad, Navisworks, Notion, Emergency BEP.



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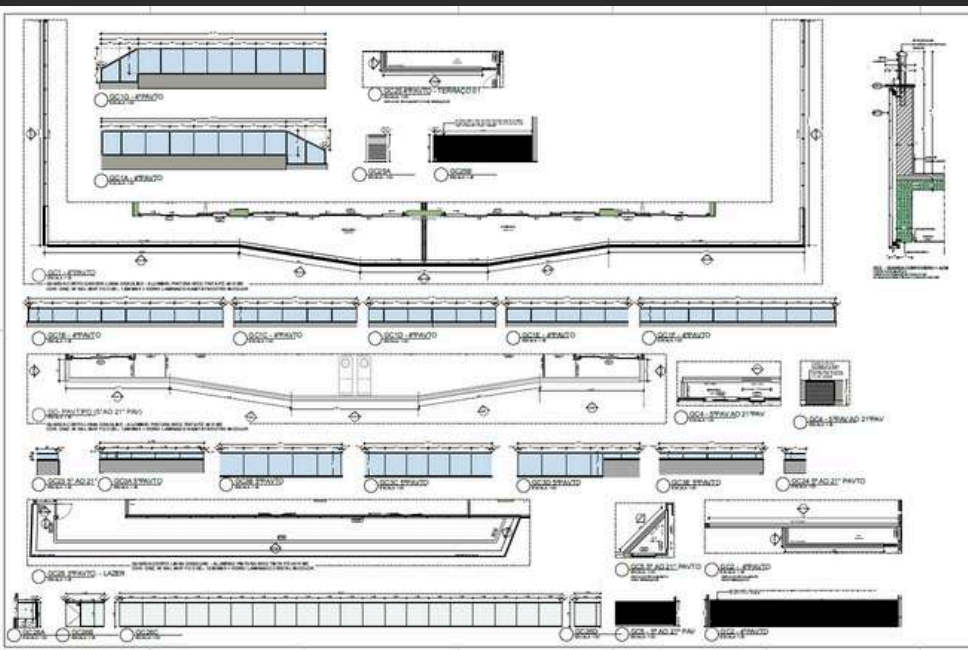
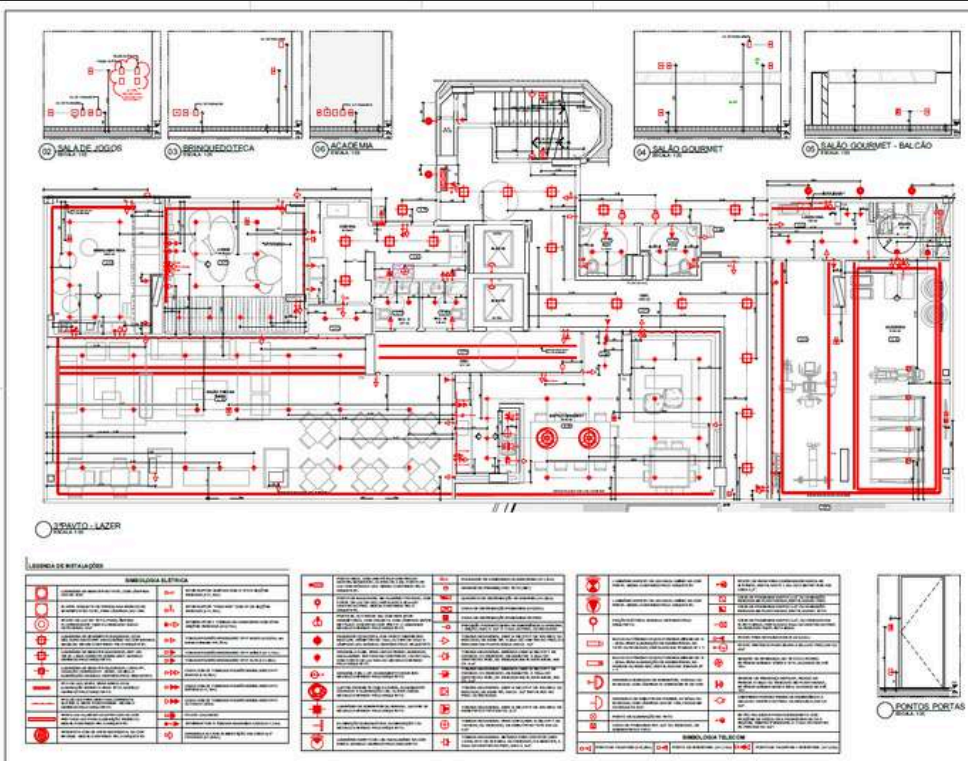
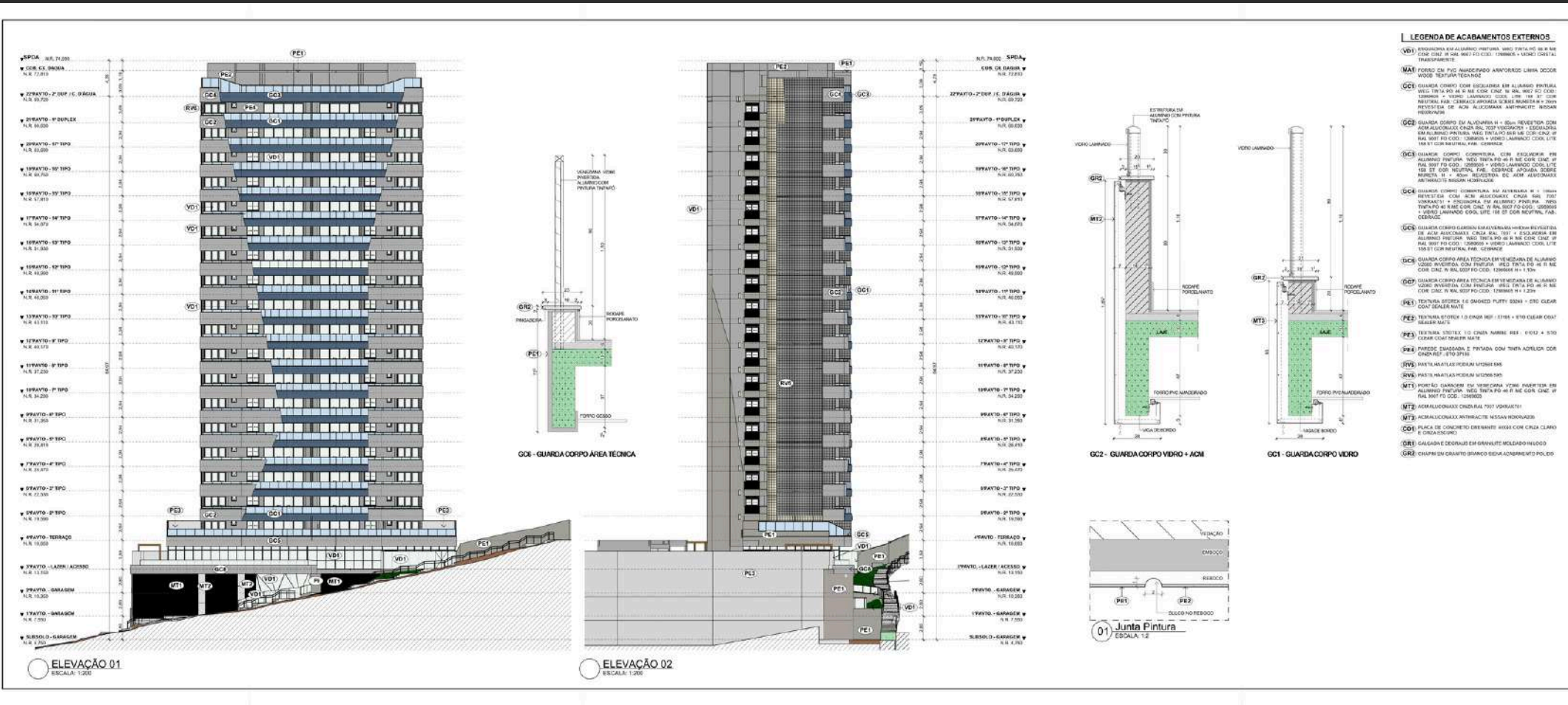
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Detailed Project - Vitória, Brazil 2023

Technical Documentation & BIM Coordination.  
Millimetre-Perfect Construction Details.

Proven precision in technical documentation:

- **FAA-Grade Compliance:** Airport-level precision applied to luxury residential
- **Clash-Free Coordination:** Navisworks-driven conflict resolution before construction
- **Performance-Optimized Details:** Sustainable and efficient construction solutions





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## THE ALCHEMY OF SPACE

Performance Architecture is the fusion of logic and passion. Here, the technical rigor of BIM meets the soul of history. I distil technology and human leadership into one outcome: spaces that not only inspire, but operate with total perfection and control. If you seek a collaborator where heart meets logic, let's begin a conversation.

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