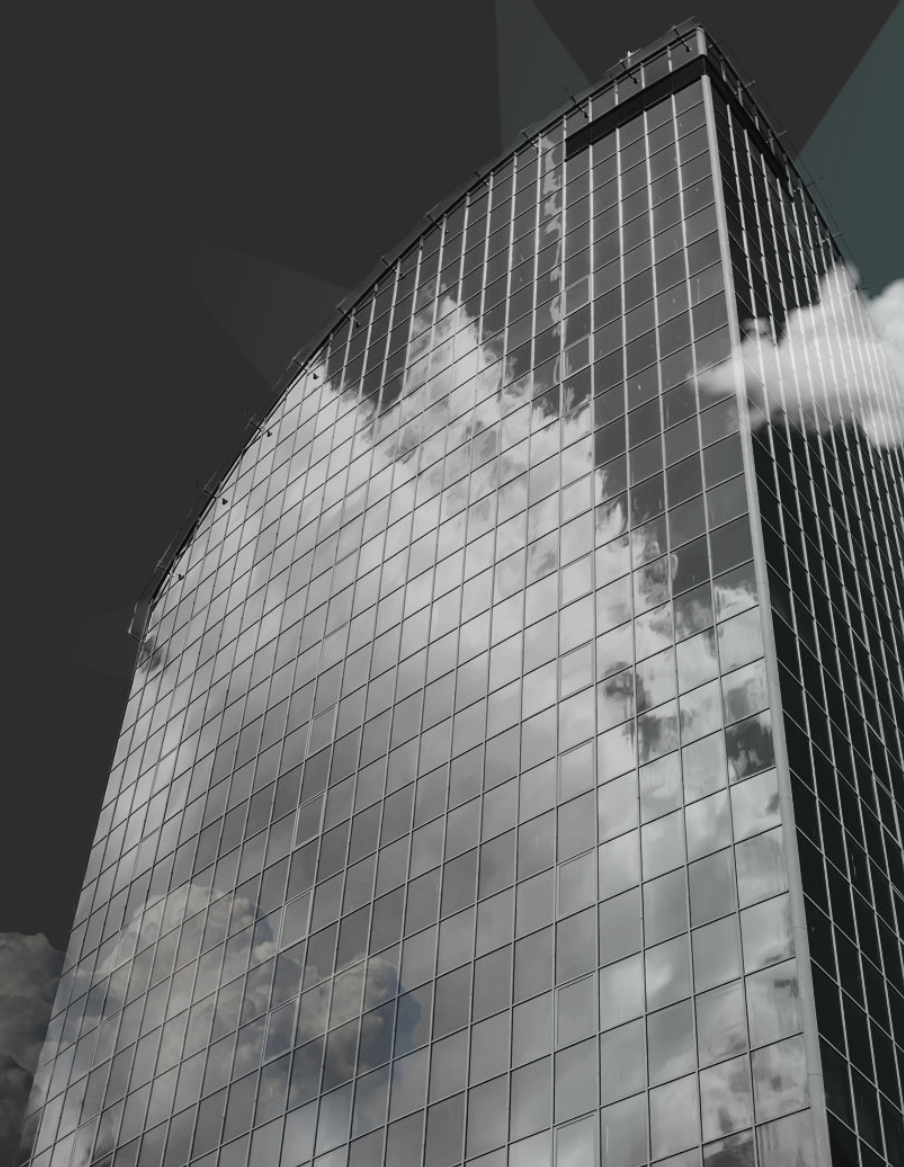


Carlos C.  
**PORTFOLIO**

\* **ARCHITECTURE**





## Carlos C.

BIM Manager / APM

### Skill Set

Team management, analytical thinking, construction industry knowledge, communication, detail-oriented, budgeting and estimation and 3D coordination.

### Education

#### Los Andes University

2019 - 2021

Master of Architecture

#### Pilot University

2011 - 2016

Bachelor of Architecture

### Additional Courses

#### Project Management..

Columbia University (MOOC). 2024

#### BIM Coordinator.

Naska . 2021

#### BIM Advanced Coordination.

Autodesk Online Certification. 2021

### Software

AutoCAD

SketchUp

Revit

Photoshop

Navisworks

ASANA

ClickUp

Smartsheet

BlueBeam

Teams

M. Office

### Languages

Spanish | Advanced

English | Advanced

# WORK EXPERIENCE



### ENG BIM | Project Coordinator - Job Captain | 2022 - On going

- Headed a team focused on developing accurate electrical models for Data Centers, maintaining a keen eye on quality and project compliance.
- Efficiently managed project timelines through meticulous scheduling, optimizing resource allocation to ensure timely progress.
- Fostered strong client relationships by effectively communicating technical details, addressing inquiries, and providing insightful analysis of client data.
- Leveraged client information for comprehensive analysis, proposing optimized solutions and streamlining data management to enhance overall project efficiency.

### Consulting & Project Management | BIM Coordinator | 2018 - 2021

- Proficient in end-to-end BIM methodology implementation, overseeing conceptualization, criteria, and detailed design phases to ensure comprehensive project development.
- Successfully established and executed BIM Execution Plans, demonstrating expertise in 3D coordination and conducting thorough clash detection tests using advanced tools like Navisworks and Dynamo.
- Demonstrated leadership by managing teams of up to 4 designers, actively improving their proficiency in digital tools, fostering collaboration, and contributing significantly to overall project efficiency.

## TAC | Architectural Designer | 2017 - 2018

- Managed the 3D model department, overseeing training and guidance for entry-level staff in utilizing 3D software, including SketchUp, 3ds Max, and Revit Architecture.
- Held responsibility for supervising, reviewing, and approving drawings for both greenfield and brownfield projects, with a specific emphasis on maintaining high-quality standards and efficient planning.
- Provided expertise in creating 3D realistic visualizations using advanced rendering tools such as Corona Render, Vray, and Lumion, contributing to enhanced project presentations and stakeholder understanding.

# PROJECTS





Big Scale

01

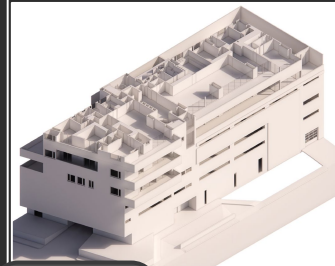
GAFAM Data  
Centers  
2023



Mixed Use

02

City Council  
2021



Residential

03

Punta Betín  
2019



Luxury

04

Cultural City  
2017



01

## GAFAM Data Centers

2023

**Brief description:** In recent years, I have coordinated various projects for companies within the GAFAM (Google, Apple, Facebook, Amazon, Microsoft) group. Due to confidentiality agreements, I can't disclose proprietary information. Simultaneously, I have contributed to diverse projects across sectors like universities, hospitals, and retail.

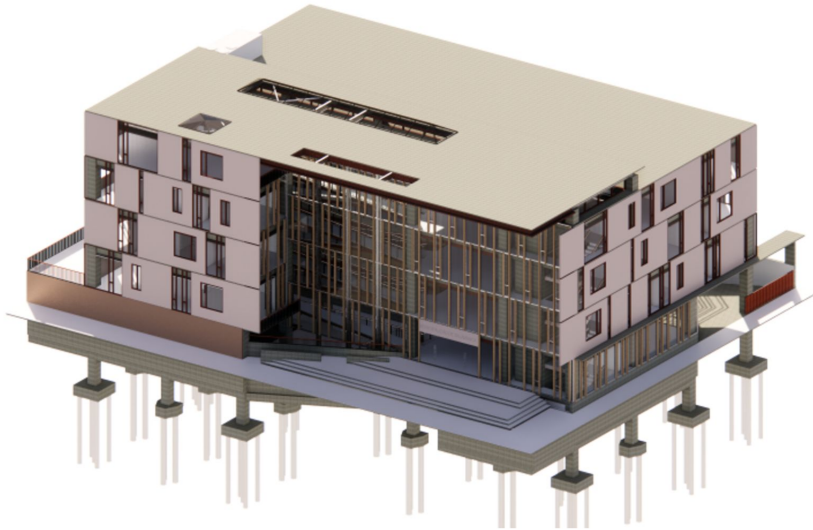
**Location:** Various, USA.

**Duration:** 2 years

**Created with:** Revit, Navisworks, ASANA, ClickUp

**Team:** ENG BIM





02

## City Council

2021

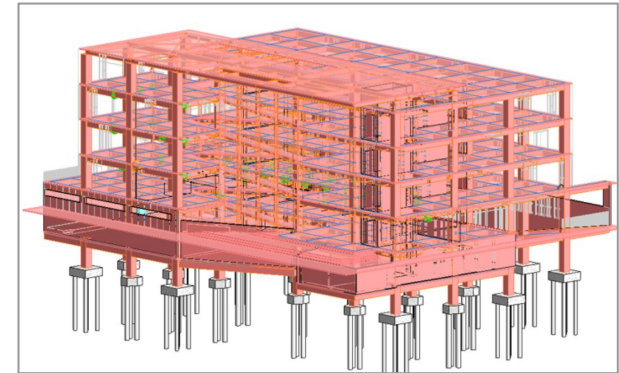
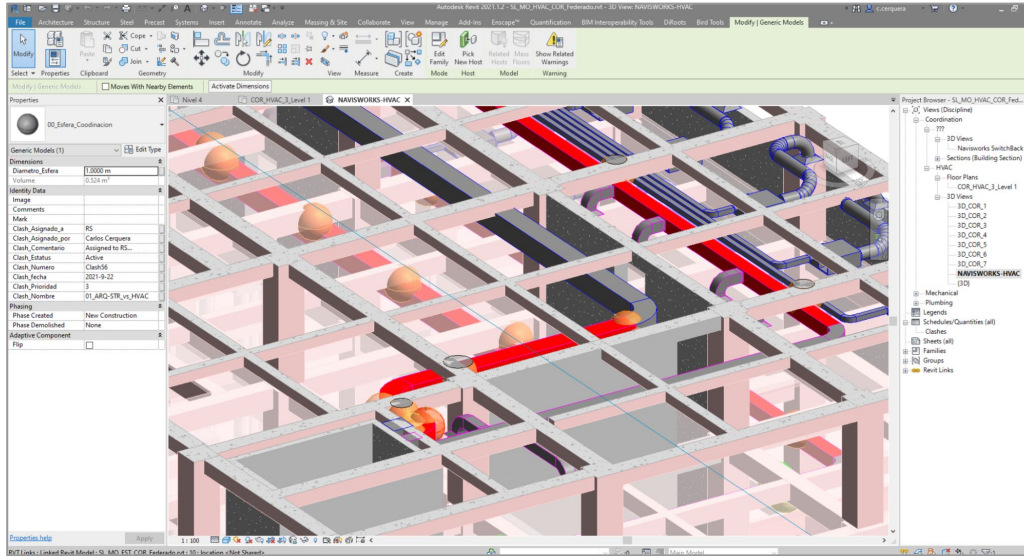
**Brief description:** I actively contributed to the development of the BIM Model for the City Council building located in Perú. My responsibilities encompassed various facets of the BIM phases, wherein I played a key role in developing BIM plans and orchestrating coordination among diverse disciplines throughout the entire process.

**Location:** Perú.

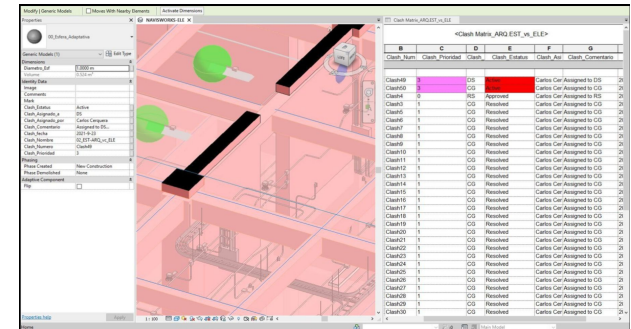
**Duration:** 1 year

**Created with:** Revit, Navisworks

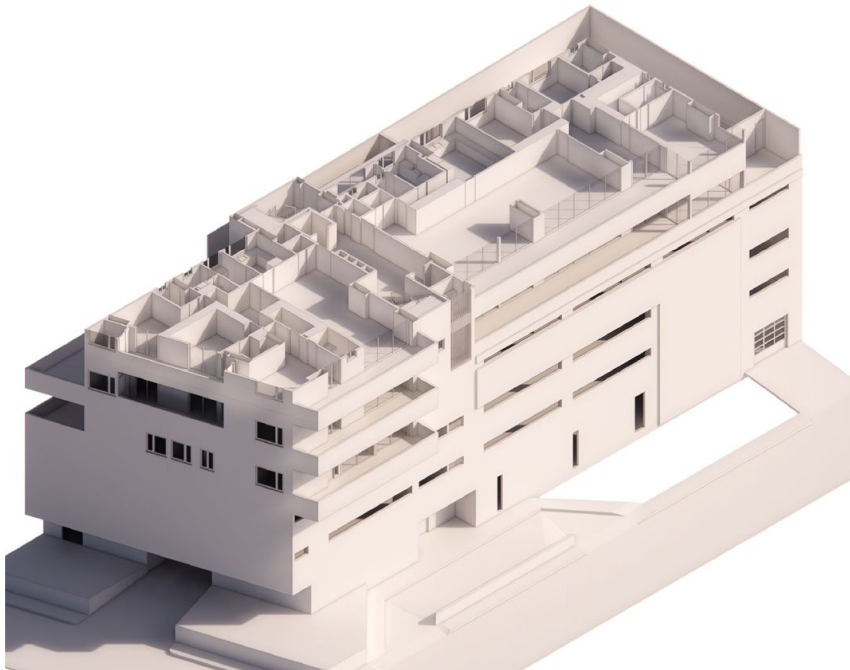
**Team:** Consulting & Project Management



Structural Model



3D coordination with Dynamo in Revit



03

## Punta Betín

2019

**Brief description:** I played a pivotal role in the successful realization of the Punta Betín Residences, a 25-story building. Employing a BIM environment, we meticulously planned the project before embarking on the two-year construction phase. The outcome was not only a financial success but also adhered to the projected timeline.

**Location:** Santa Marta, Colombia

**Duration:** 2 years 6 months

**Created with:** Revit, SketchUp, Navisworks

**Team:** Consulting & Project Management



**Brief description:**

In overseeing the Punta Betín Residences project, I encountered and successfully addressed challenges during the construction phase. Leveraging the BIM model, we strategically tackled issues that arose, utilizing labeled components loaded with manufacturer details and expiration dates. This meticulous approach not only facilitated effective problem-solving but also enhanced the overall organization of the installation process.





04

## Cultural City

2017

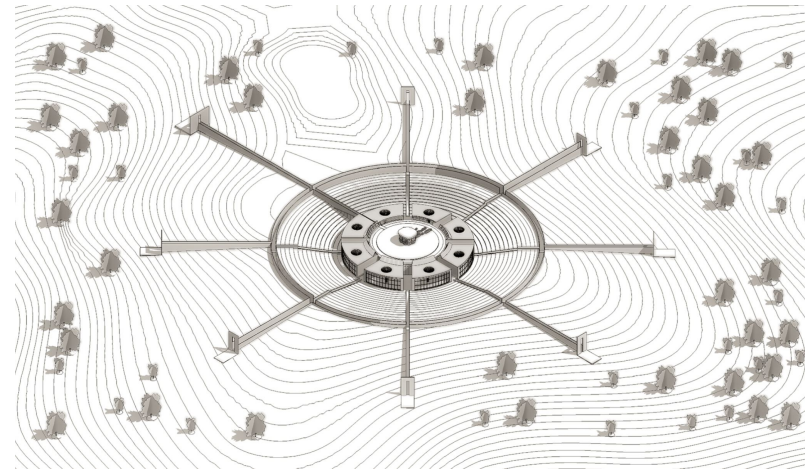
**Brief description:** Engaged in a project situated in Portugal, it emerged from participation in an architectural competition. Our proposal featured the integration of a venerable dolmen as a symbolic centerpiece. The design showcased a dynamic composition, characterized by a robust centrifugal force, fostering concealed passages that seamlessly connected distinct parts of the building.

**Location:** Portugal

**Duration:** 3 months

**Created with:** Revit, SketchUp, Corona

**Team:** TAC





**Thank you** for  
exploring my portfolio!

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