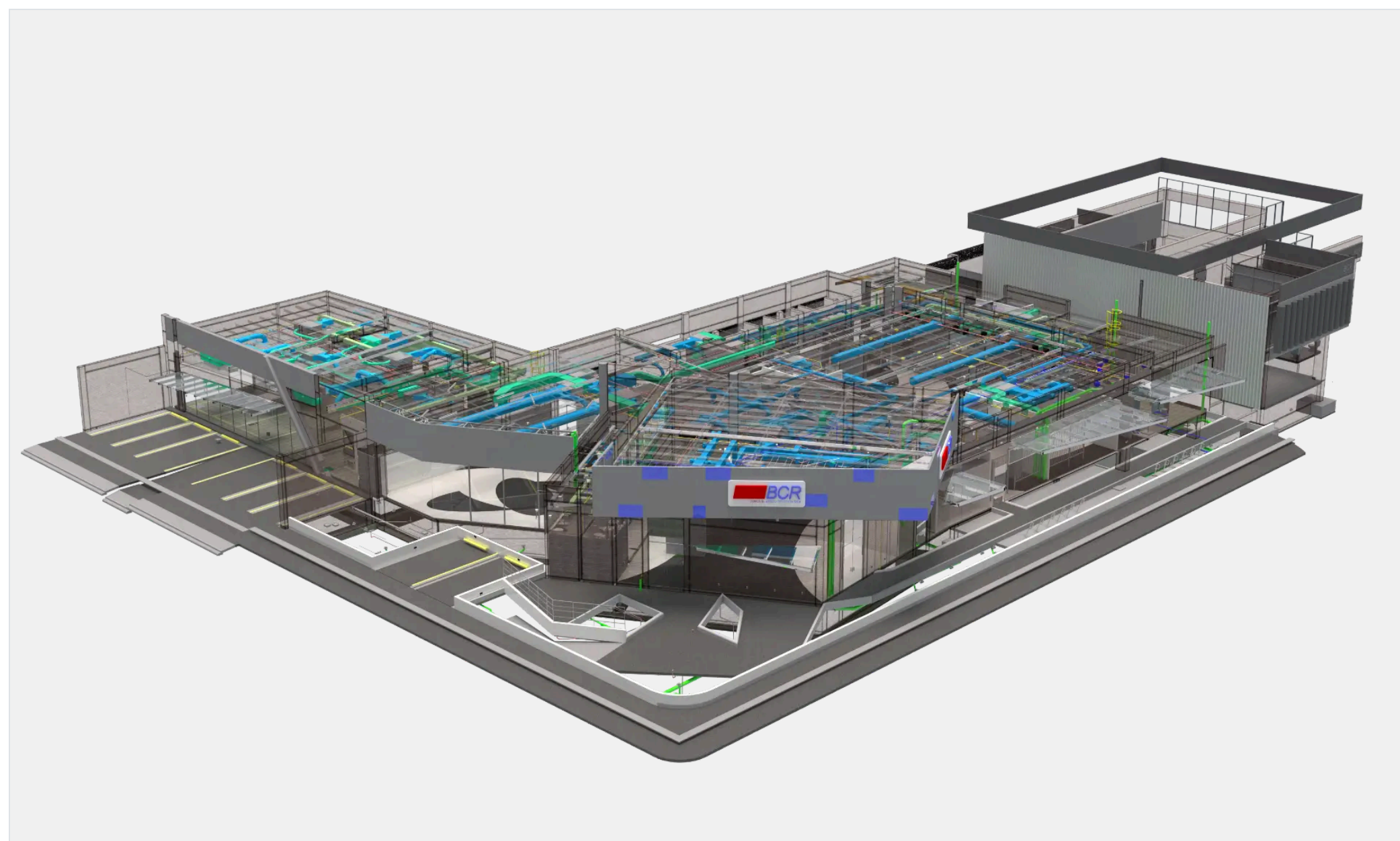


# BIM Modeling for Commercial Building - BCR Liberia



## Project Details

- Type of Project**  
CAD to BIM
- Discipline**  
Architecture, Structure, MEP
- Type of Building**  
Commercial
- Software**  
Revit
- LOD**  
350

## BIM Modeling for Commercial Structures

This BIM project highlights our role in the successful redevelopment of two commercial structures: a Library and a Bank, utilizing advanced BIM methodologies.

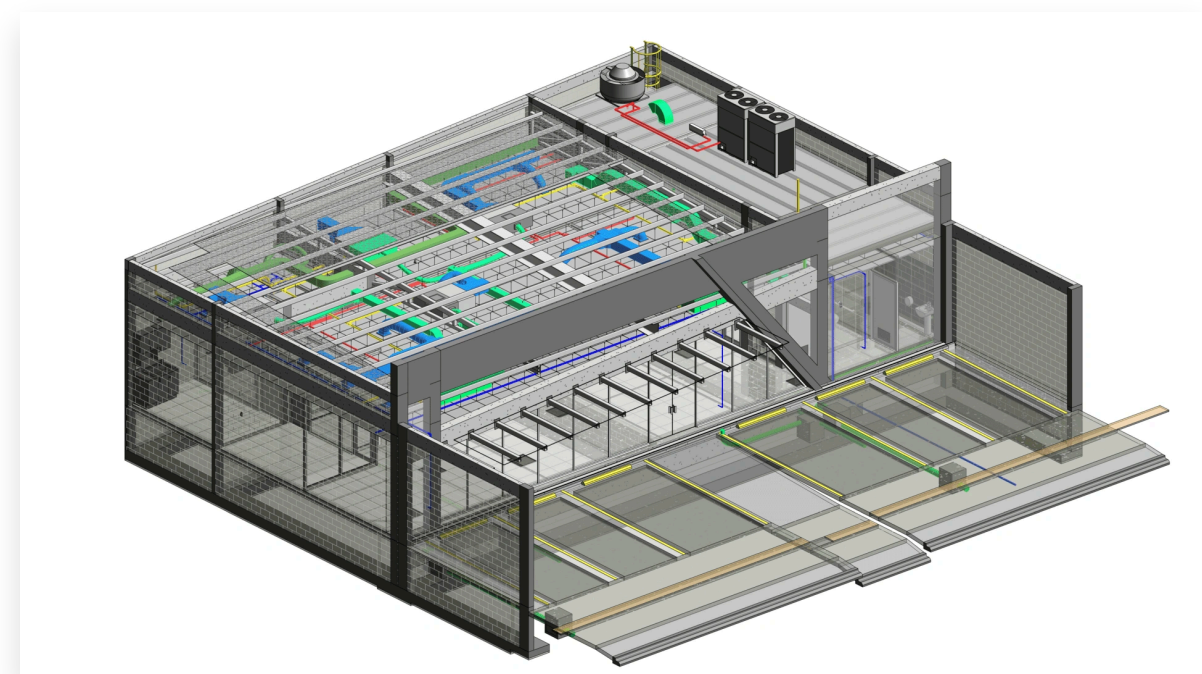
Leveraging existing CAD documentation and photographic records provided by the client, our team delivered comprehensive LOD 350 BIM models across Architectural, Structural/Steel Structural, and MEP disciplines.

Our scope included both the accurate documentation of existing conditions slated for demolition and the detailed modeling of proposed new construction. By expertly employing Revit's phasing capabilities, we clearly differentiated between existing and new construction phases.

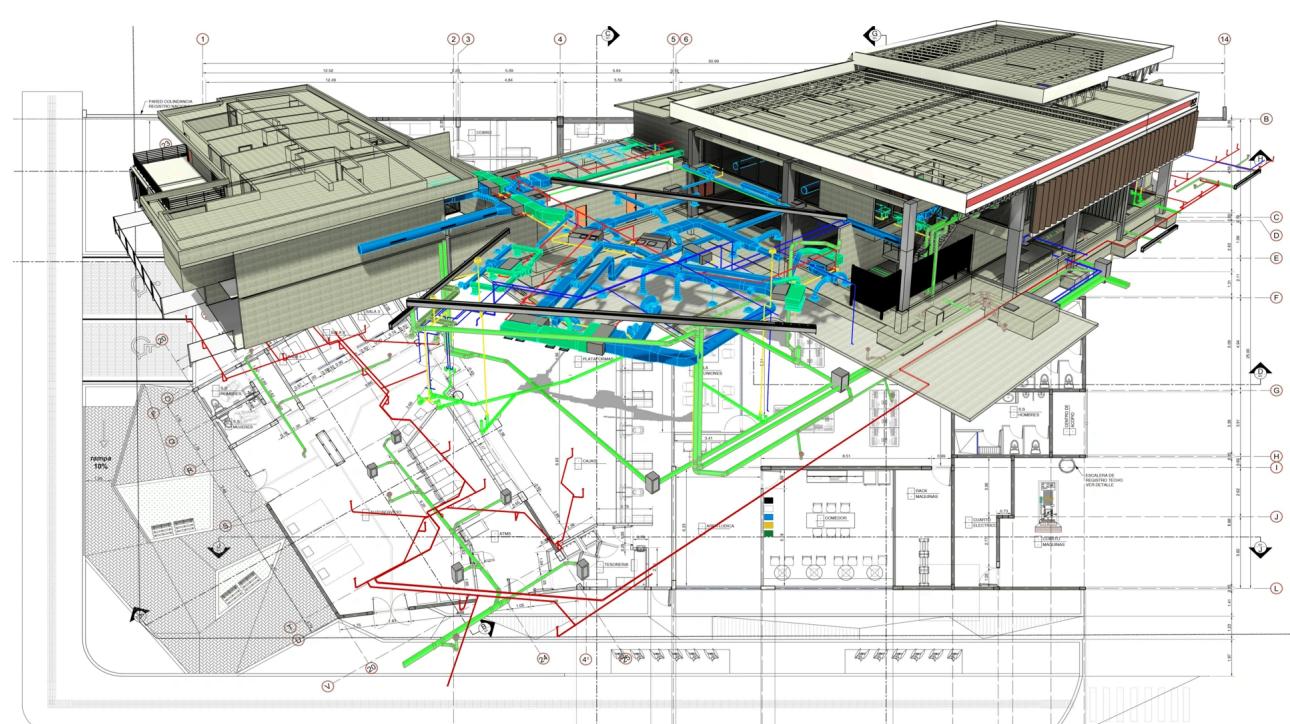
This crucial step facilitated precise sequencing and significantly enhanced project coordination for the redevelopment, ultimately ensuring a high level of accuracy and efficiency. This project further solidifies our reputation as a reliable BIM partner for complex, multi-phase international endeavors.

## Scope of Work

- 01. Scope:** To develop a LOD 350 BIM Model using Revit from CAD drawings/PDFS, existing and new construction phases, using the BIM 360 platform
- 02. Building Types:** Commercial building (Library and Bank building), inclusive of parking spaces
- 03. Inputs Received:** CAD Drawings, PDF, and Revit Template
- 04. Size/Area:** Library (1 Level) = 1250 sqm., Bank Building (2 Levels) = 286 sqm., Parking = 600 sqm.



## Model Contents



### Architecture Elements to be modelled:

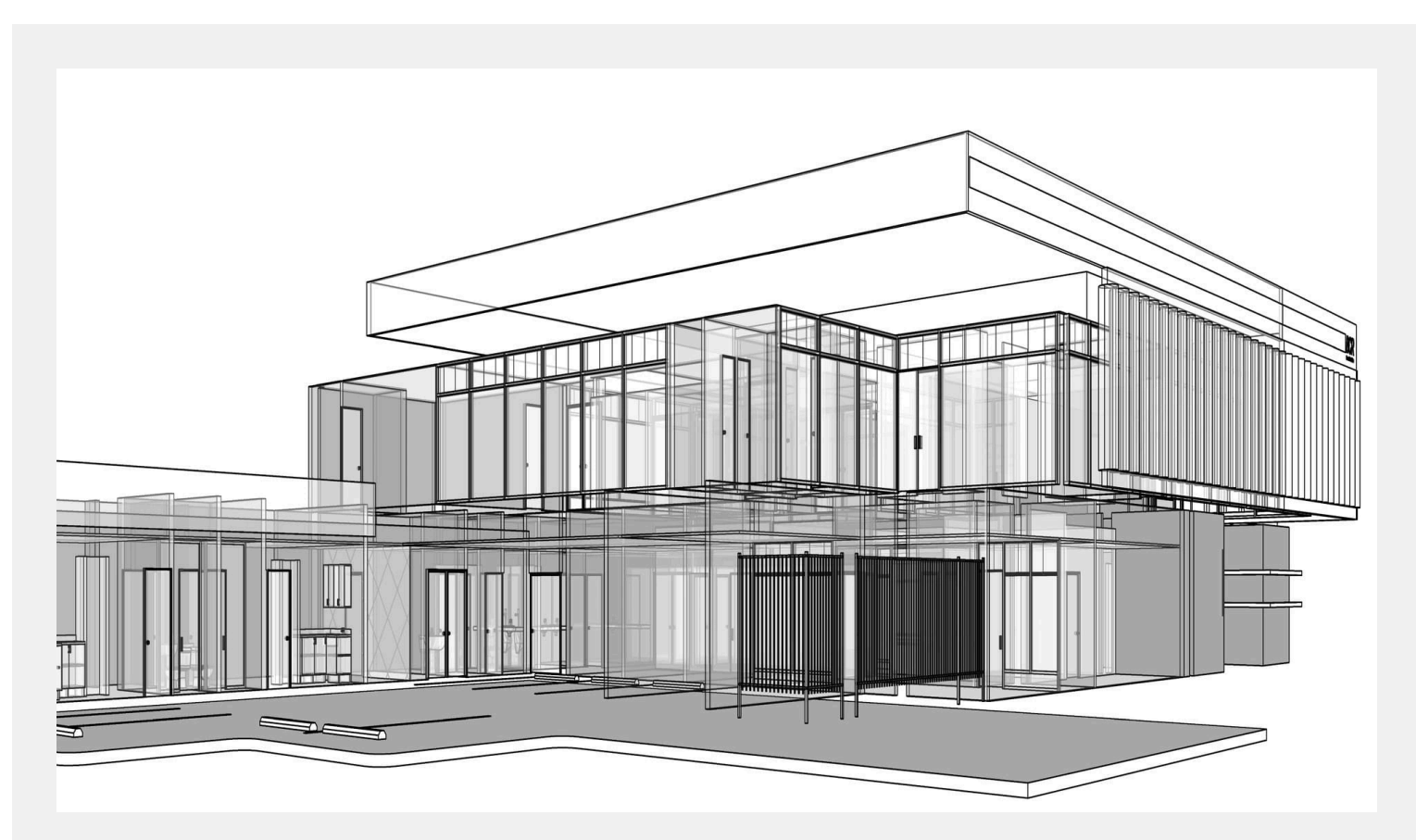
Walls (Exterior and Partitions), Doors, Windows, Skylights, Façade features & Detailing, Ceiling, Sanitary Fixtures, Fixed furniture, Material specification and rooms.

### Structure Elements to be modelled:

Foundation, wall, Columns, Brackets, Connections, Mezzanine, beams, slabs, staircase, railing, ramp, and Steel roof structure, materials.

### MEP Services:

Electrical, Plumbing, and Mechanical Services for new construction phases of commercial buildings and parking spaces.



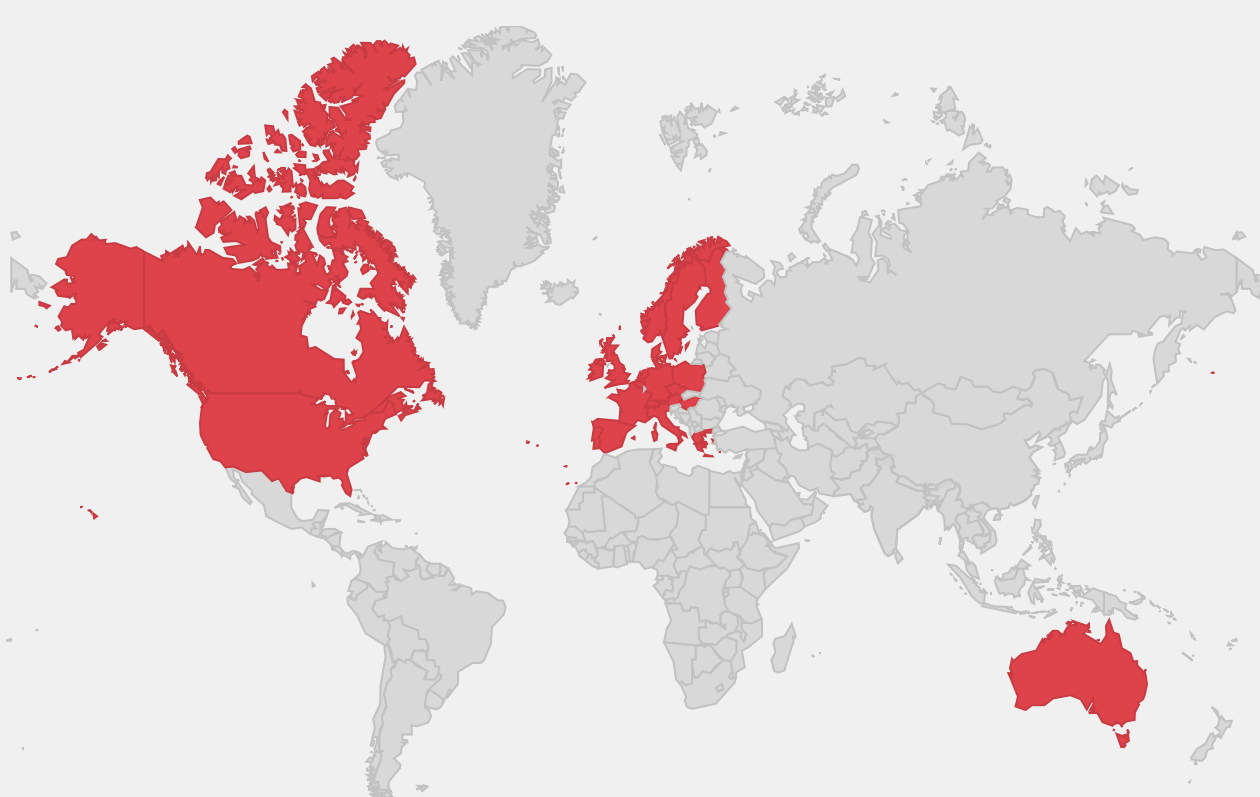
## Project Deliverables

- BIM Model in LOD 350
- Architecture Model
- Structure Model
- Steel Structure Roof Model

## Project Gallery



## We Serve Globally



- |            |             |                 |                |
|------------|-------------|-----------------|----------------|
| Australia  | Norway      | USA             | • Minnesota    |
| Austria    | Poland      | • California    | • Nevada       |
| Belgium    | Portugal    | • Colorado      | • New Jersey   |
| Denmark    | Spain       | • Connecticut   | • New York     |
| France     | Sweden      | • Florida       | • Oregon       |
| Germany    | Switzerland | • Georgia       | • Pennsylvania |
| Ireland    | UK          | • Illinois      | • Tennessee    |
| Italy      | Canada      | • Louisiana     | • Texas        |
| Netherland | Mexico      | • Massachusetts | • Utah         |