



ARCHITECTURAL BIM CATALOG

From concept to construction-ready BIM models, we deliver accuracy, clarity, and coordination.

Service Overview

Architectural BIM involves the development of intelligent, data-rich 3D architectural models that accurately represent the physical and functional characteristics of a building throughout its lifecycle.

Our Architectural BIM services cover the complete BIM journey, From conceptual modeling (LOD 200) to construction-level detailing (LOD 400) and as-built documentation (LOD 500).

We deliver coordination-ready, construction-supportive, and facility-management-friendly models

What We Do

Our Architectural BIM team delivers highly detailed, data-driven, and coordination-ready architectural models that accurately translate design intent into constructible digital representations.

We develop architectural BIM models based on client-approved drawings and project standards, ensuring accurate geometry, spatial relationships, and parametric consistency across all building elements. Our models are structured to support multi-disciplinary coordination, construction documentation, quantity extraction, and downstream construction workflows.

Throughout the modeling process, we focus on maintaining model integrity, level-based organization, and interface clarity with structural and MEP systems. The architectural models are continuously updated to reflect design revisions, coordination feedback, and construction-stage inputs, ensuring alignment with project requirements from early design through as-built delivery.

Our approach enables improved visualization, reduced coordination conflicts, and reliable BIM outputs that support efficient construction execution and long-term asset usability.

Architectural BIM Modeling Scope

Our Architectural BIM services typically include:

- LOD 200 to LOD 500 architectural modeling
- Parametric and standards-compliant Revit models
- Level-wise and zone-wise model organization
- Integration with structural and MEP models for coordination
- Model updates based on design revisions

Key Benefits to Stakeholders

By using our Architectural BIM services, clients benefit from:

- Clear visualization across all project stages
- Improved coordination with structural and MEP disciplines
- Reduced design conflicts during construction
- Accurate quantity and area extraction
- Faster drawing production and revisions

Why Choose Us

- **Quality Assurance:** Every model undergoes internal QA checks before delivery
- **Coordination-Focused Approach:** Models are developed with constructability in mind
- **Transparent Communication:** Regular updates and clear coordination workflows
- **Flexible Engagement:** Support for both short-term and long-term BIM projects

Residential High-Rise & Vertical Developments Projects

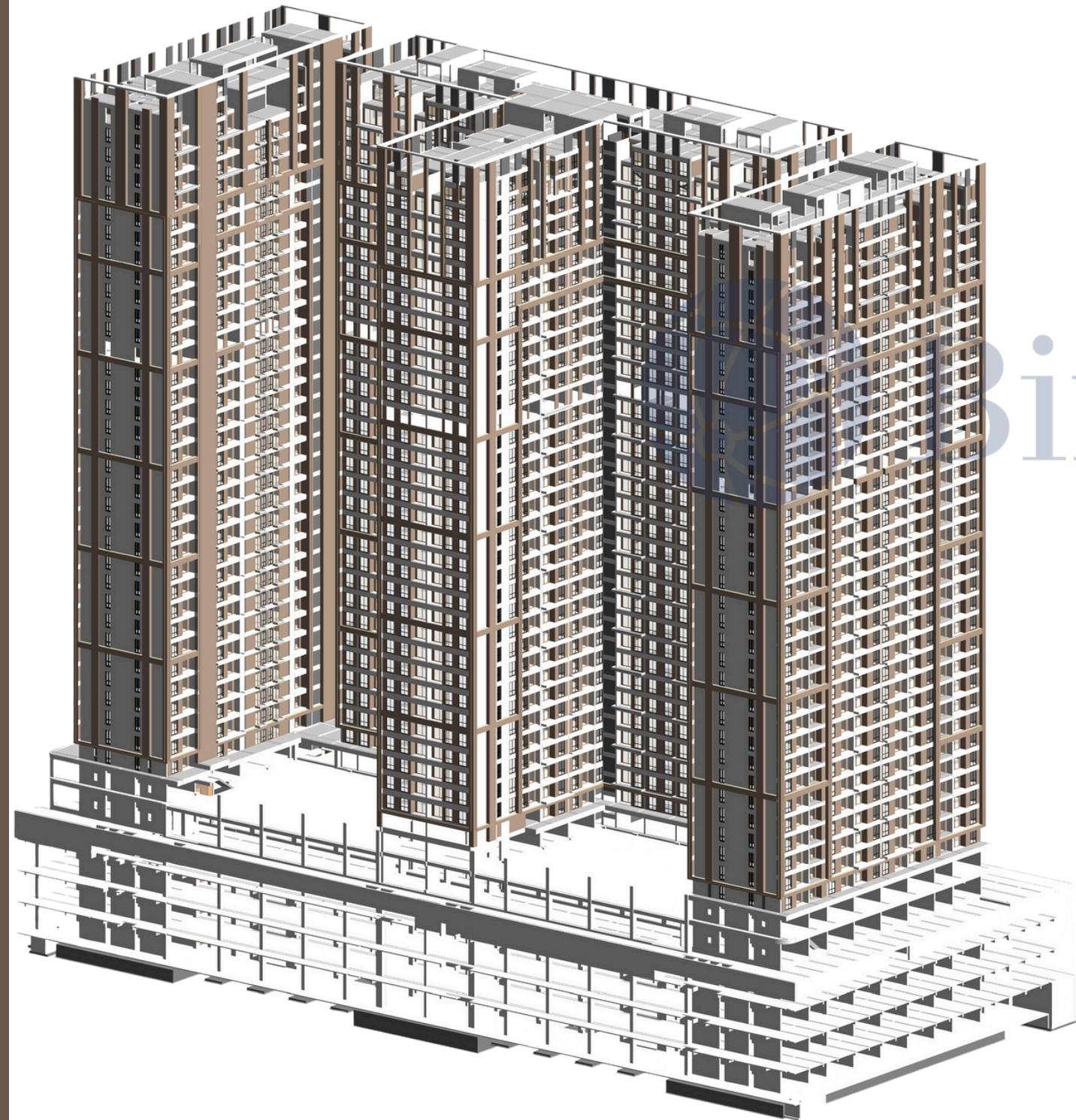
High-rise architectural BIM modeling demands precise vertical coordination, repetition control, and constructability across multiple levels.

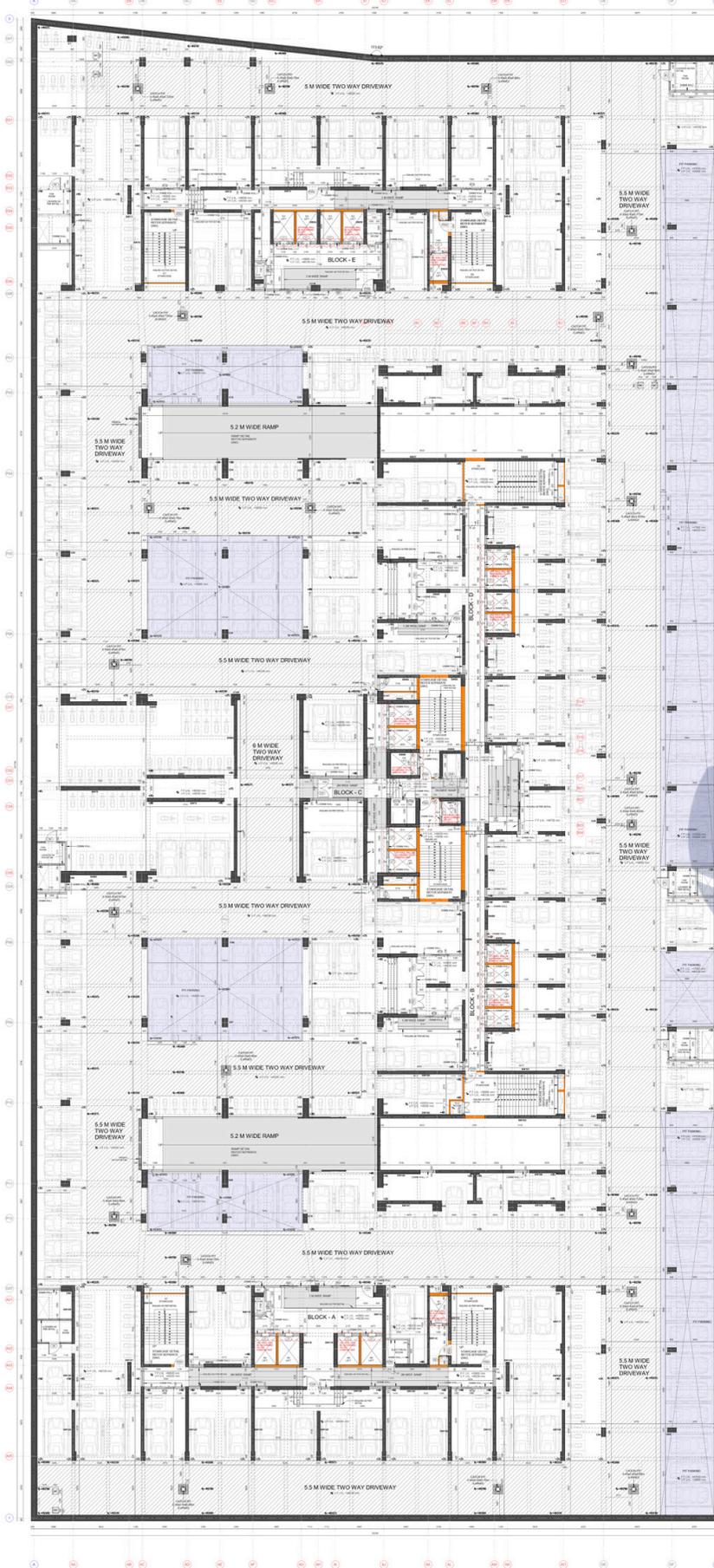
We create architectural BIM models that accurately represent vertical circulation systems, typical and non-typical floor conditions, façade systems, and building cores. The models are structured to support multi-floor coordination, construction sequencing, and efficient management of repetitive elements.

Our approach ensures consistency, coordination accuracy, and scalability throughout the lifecycle of high-rise and tall building projects.



1. Gity City Project

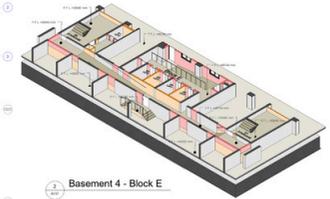




BASEMENT-4
1:100

| B4 - DOOR SCHEDULE | | | | | B4 - DOOR SCHEDULE | | | | | B4 - WINDOW SCHEDULE | | | | |
|--------------------|-----------|----------|--------|--------|--------------------|-----------|----------|--------|--------|----------------------|-----------|----------|--------|--------|
| Code | Size | Material | Height | Weight | Code | Size | Material | Height | Weight | Type | Size | Material | Height | Weight |
| D1 | 1000x2100 | 100 | 2100 | 2100 | D2 | 1000x2100 | 100 | 2100 | 2100 | W1 | 1000x2100 | 100 | 2100 | 2100 |
| D3 | 1000x2100 | 100 | 2100 | 2100 | D4 | 1000x2100 | 100 | 2100 | 2100 | W2 | 1000x2100 | 100 | 2100 | 2100 |
| D5 | 1000x2100 | 100 | 2100 | 2100 | D6 | 1000x2100 | 100 | 2100 | 2100 | W3 | 1000x2100 | 100 | 2100 | 2100 |
| D7 | 1000x2100 | 100 | 2100 | 2100 | D8 | 1000x2100 | 100 | 2100 | 2100 | W4 | 1000x2100 | 100 | 2100 | 2100 |
| D9 | 1000x2100 | 100 | 2100 | 2100 | D10 | 1000x2100 | 100 | 2100 | 2100 | W5 | 1000x2100 | 100 | 2100 | 2100 |
| D11 | 1000x2100 | 100 | 2100 | 2100 | D12 | 1000x2100 | 100 | 2100 | 2100 | W6 | 1000x2100 | 100 | 2100 | 2100 |
| D13 | 1000x2100 | 100 | 2100 | 2100 | D14 | 1000x2100 | 100 | 2100 | 2100 | W7 | 1000x2100 | 100 | 2100 | 2100 |
| D15 | 1000x2100 | 100 | 2100 | 2100 | D16 | 1000x2100 | 100 | 2100 | 2100 | W8 | 1000x2100 | 100 | 2100 | 2100 |
| D17 | 1000x2100 | 100 | 2100 | 2100 | D18 | 1000x2100 | 100 | 2100 | 2100 | W9 | 1000x2100 | 100 | 2100 | 2100 |
| D19 | 1000x2100 | 100 | 2100 | 2100 | D20 | 1000x2100 | 100 | 2100 | 2100 | W10 | 1000x2100 | 100 | 2100 | 2100 |

NOTE: ALL BELL LEVELS ARE FROM THE CHANG LUM LEVEL. LEVELS INDICATED IN THE PLAN. DOOR AND WINDOW TYPE NAME: DOOR AND WINDOW TYPE + SUB TYPE AND DIMENSIONS IN mm. BELL NOT WINDOW TYPE + SUB TYPE OF WINDOW (CORNER) TO BELL & LEVEL LEVEL.



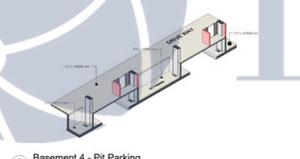
Basement 4 - Block E



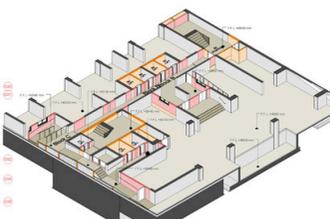
Basement 4 - Block C & D



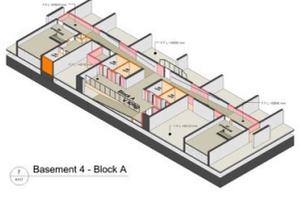
Basement 4 - Block C Core



Basement 4 - Pit Parking



Basement 4 - Block C & B



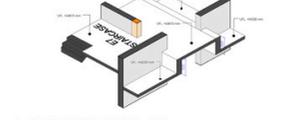
Basement 4 - Block A

LEGENDS

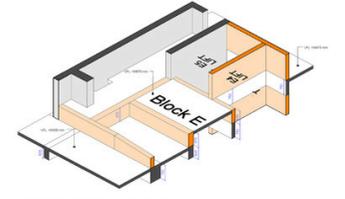
| | | | | |
|---------------------|-------------------------|---|---|---|
| Structural RCC Wall | Non-Structural RCC Wall | Structural RCC Column in 3D | Non-Structural RCC Column in 3D | Structural Framing Elevation at Bottom - 1025 |
| Structural RCC Slab | Non-Structural RCC Slab | Structural Framing Elevation at Bottom - 1340 | Structural Framing Elevation at Bottom - 1380 | Structural Framing Elevation at Bottom - 1390 |
| Structural Wall | Non-Structural Wall | Structural Framing Elevation at Bottom - 1370 | Structural Framing Elevation at Bottom - 1380 | Structural Framing Elevation at Bottom - 1400 |
| Structural Pit | Structural Pit | Structural Framing Elevation at Bottom - 1400 | Structural Framing Elevation at Bottom - 1420 | Structural Framing Elevation at Bottom - 1430 |
| Level | Pit Location | Structural Framing Elevation at Bottom - 1450 | Structural Framing Elevation at Bottom - 1460 | Structural Framing Elevation at Bottom - 1470 |
| Ramp | Driveway | Structural Framing Elevation at Bottom - 1420 | Structural Framing Elevation at Bottom - 1430 | Structural Framing Elevation at Bottom - 1440 |
| Memory Wall in 3D | | Structural Framing Elevation at Bottom - 1450 | Structural Framing Elevation at Bottom - 1460 | Structural Framing Elevation at Bottom - 1470 |



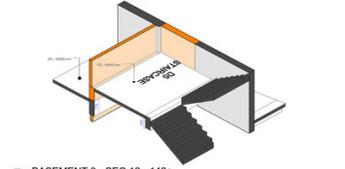
BASEMENT 4 RCP
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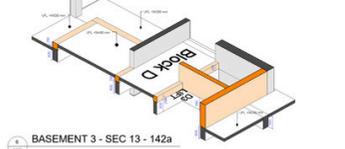
BASEMENT 3 - SEC 10 - 142a



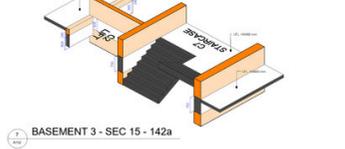
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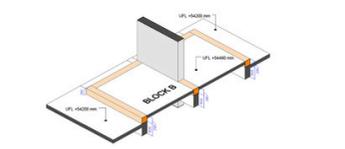
BASEMENT 3 - SEC 12 - 142a



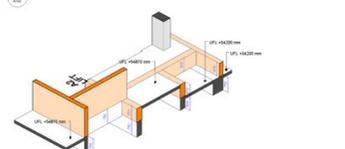
BASEMENT 3 - SEC 13 - 142a



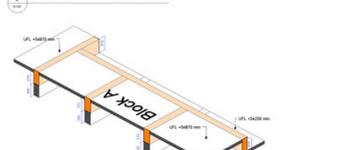
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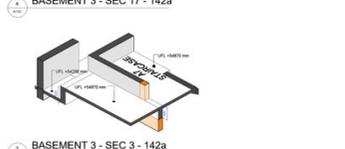
BASEMENT 3 - SEC 14 - 142a



BASEMENT 3 - SEC 11 - 142a



BASEMENT 3 - SEC 17 - 142a

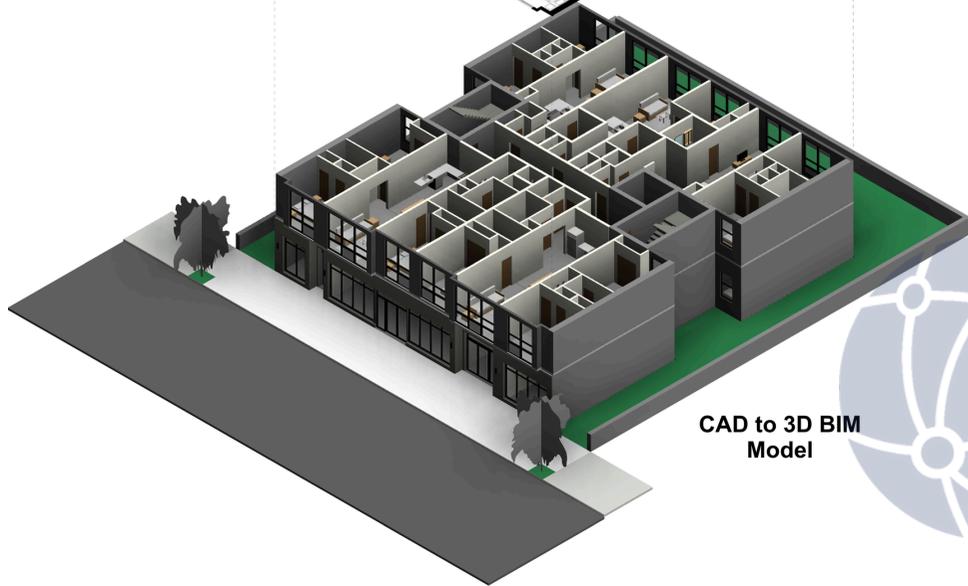
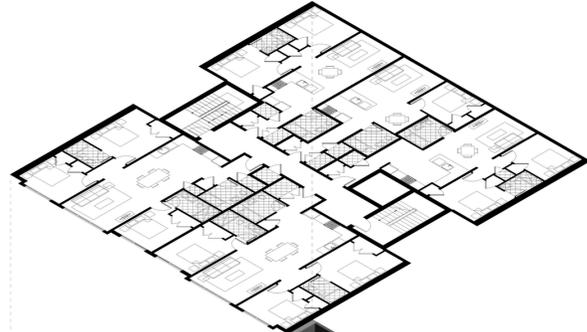


BASEMENT 3 - SEC 3 - 142a

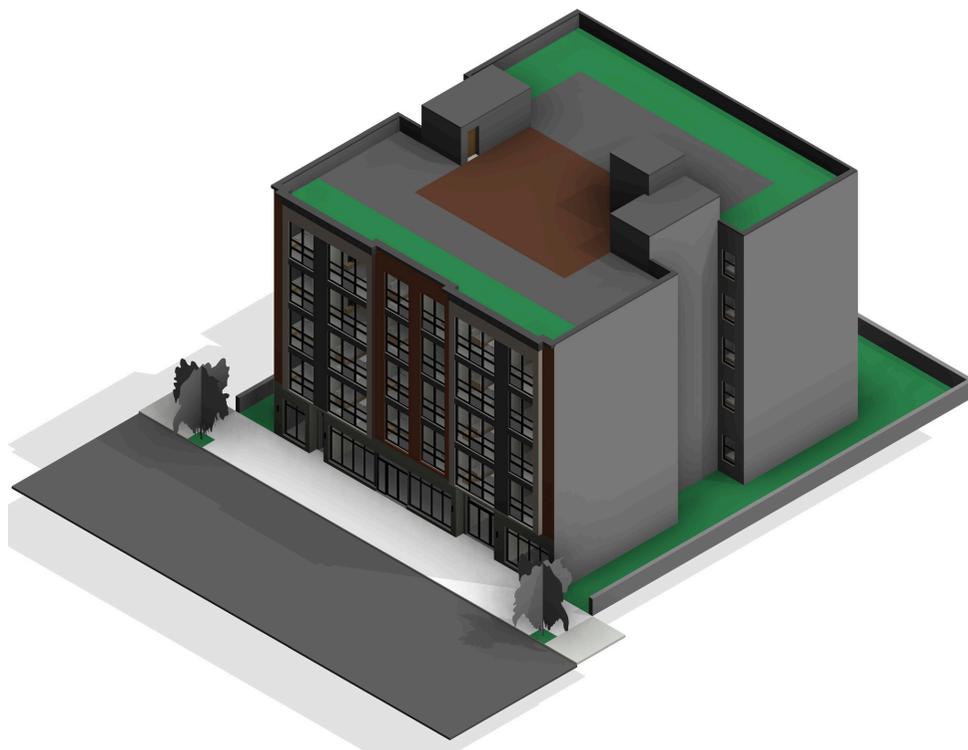
LEGENDS

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Non-Structural RCC | Structural RCC | Structural Framing Elevation at Bottom - 1025 | Structural Framing Elevation at Bottom - 1340 | Structural Framing Elevation at Bottom - 1380 | Structural Framing Elevation at Bottom - 1390 | Structural Framing Elevation at Bottom - 1370 | Structural Framing Elevation at Bottom - 1380 | Structural Framing Elevation at Bottom - 1400 | Structural Framing Elevation at Bottom - 1420 | Structural Framing Elevation at Bottom - 1430 | Structural Framing Elevation at Bottom - 1450 | Structural Framing Elevation at Bottom - 1460 | Structural Framing Elevation at Bottom - 1470 |
| Structural Framing Elevation at Bottom - 1025 | Structural Framing Elevation at Bottom - 1340 | Structural Framing Elevation at Bottom - 1380 | Structural Framing Elevation at Bottom - 1390 | Structural Framing Elevation at Bottom - 1370 | Structural Framing Elevation at Bottom - 1380 | Structural Framing Elevation at Bottom - 1400 | Structural Framing Elevation at Bottom - 1420 | Structural Framing Elevation at Bottom - 1430 | Structural Framing Elevation at Bottom - 1450 | Structural Framing Elevation at Bottom - 1460 | Structural Framing Elevation at Bottom - 1470 | | |

2. Noble Crown



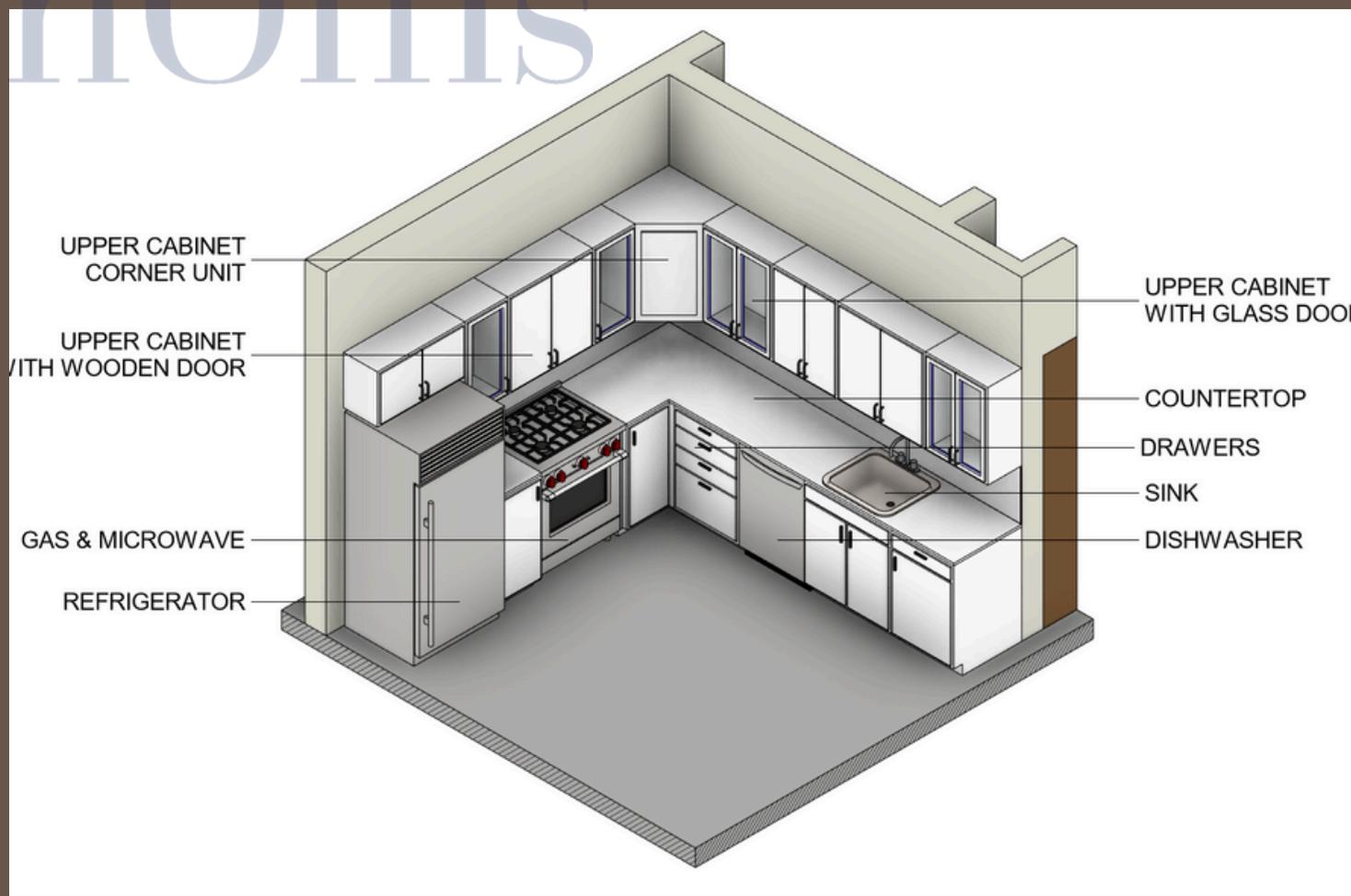
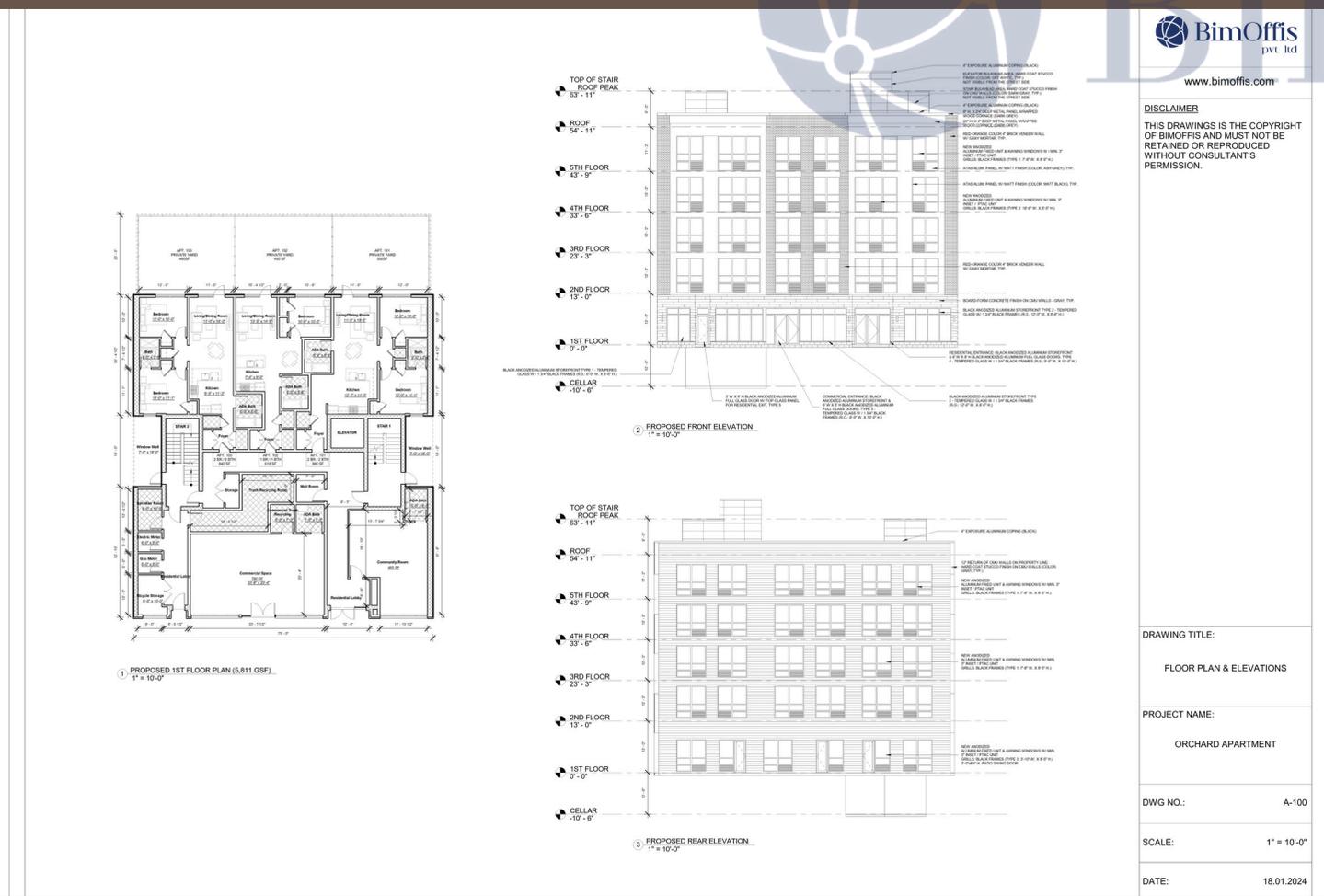
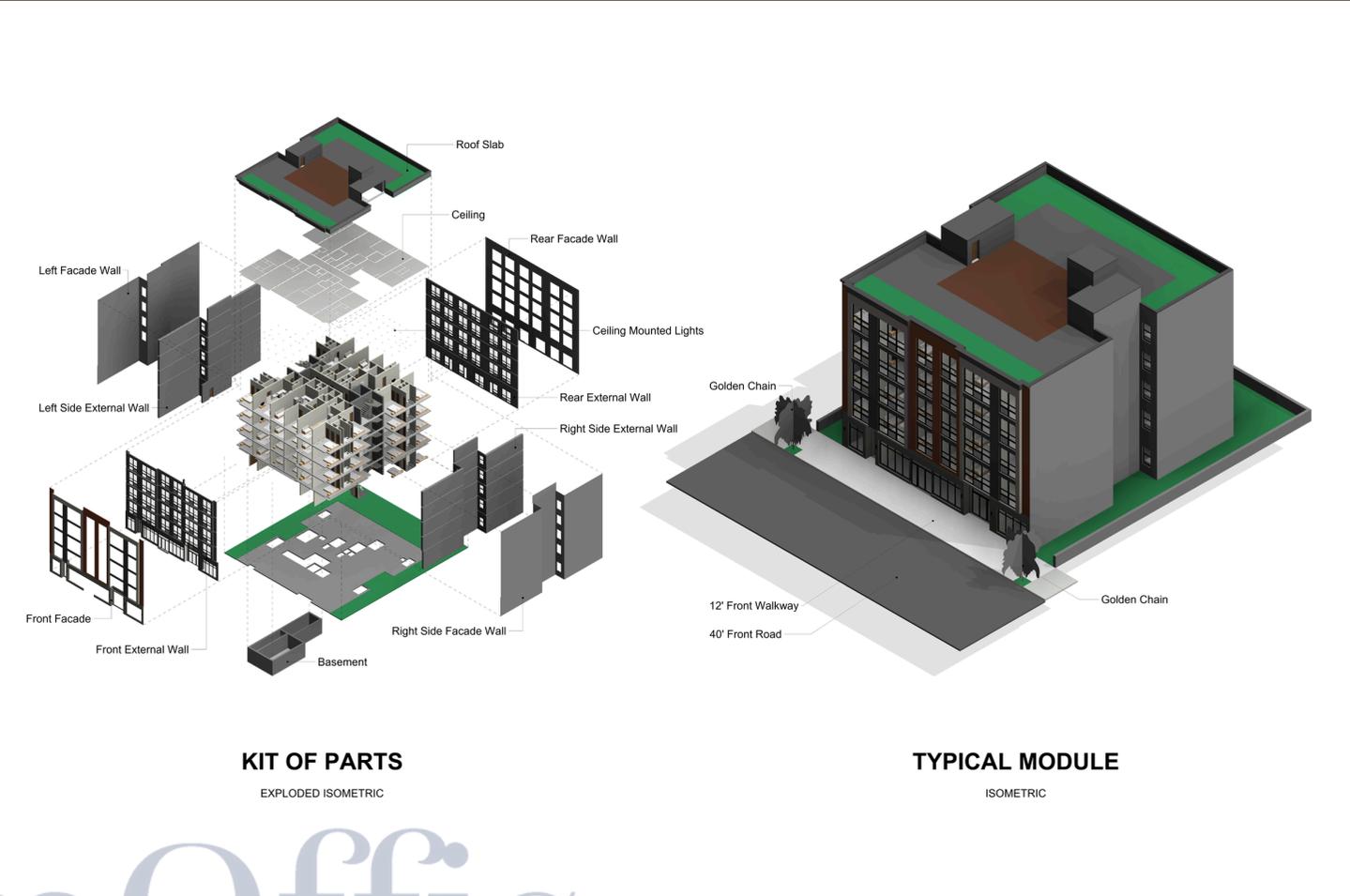
CAD to 3D BIM Model



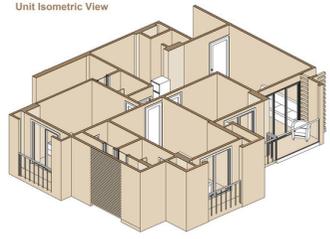
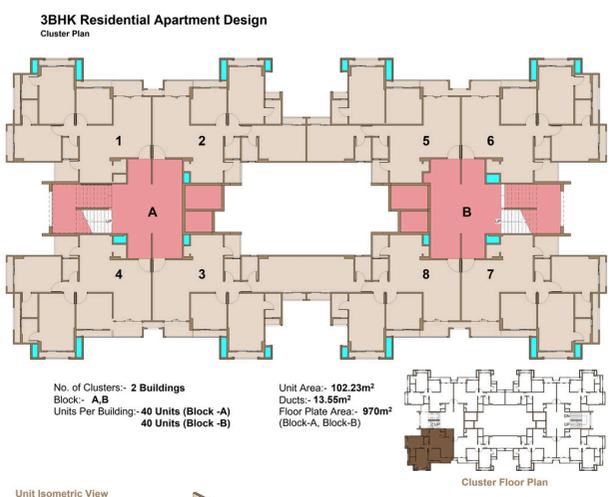
REVIT
BIM
MODEL



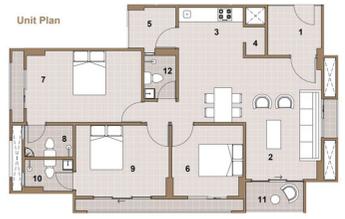
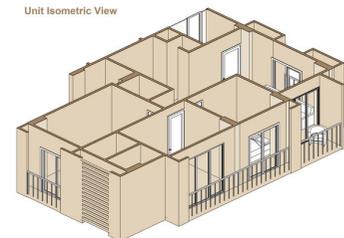
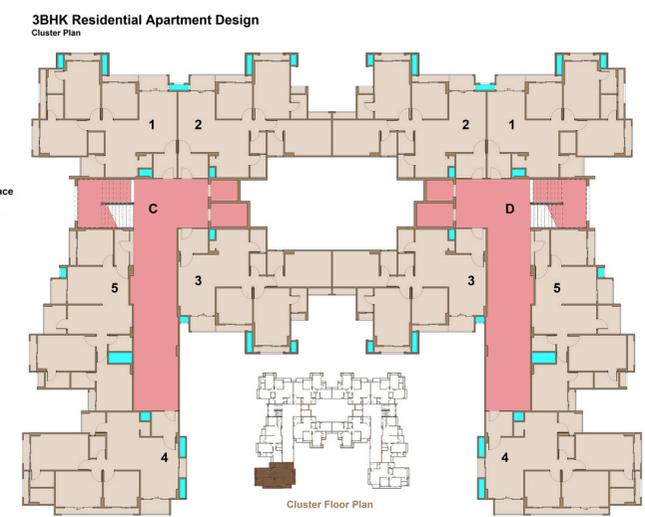
RENDERED
MODEL



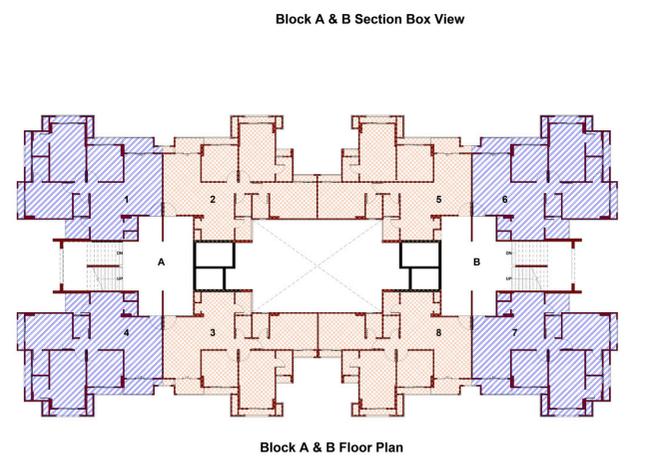
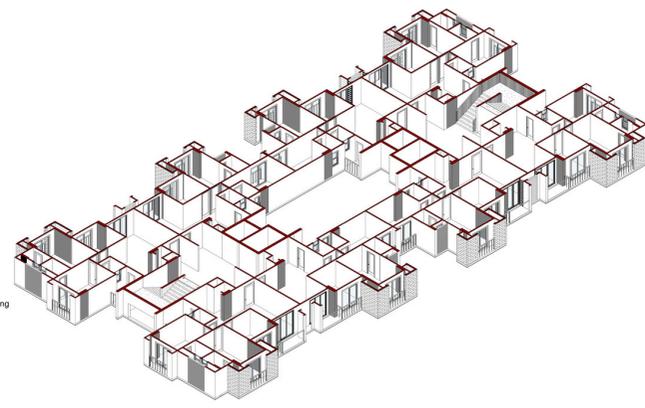
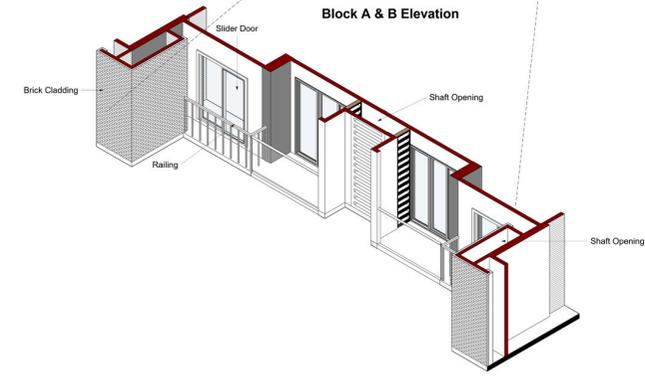
4. Serence Elegancy



- 1.Private Foyer:- 6'6"x7'0"
- 2.Living Room:-10'6"x17'0"
- 3.Kitchen & Dining Area:-9'0"x16'0"
- 4.Store:-4'0"x4'0"
- 5.Washyard:-4'6"x6'6"
- 6.Bed Room:-10'0"x10'0"
- 7.Bed Room:-10'0"x16'0"
- 8.Toilet :- 4'6"x6'9"
- 9.Bed Room:-13'0"x10'0"
- 10.Toilet :- 4'6"x6'9"
- 11.Balcony:-8'0"x4'0"
- 12.Toilet :- 4'6"x6'0"



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- 2.Living Room:-10'6"x17'0"
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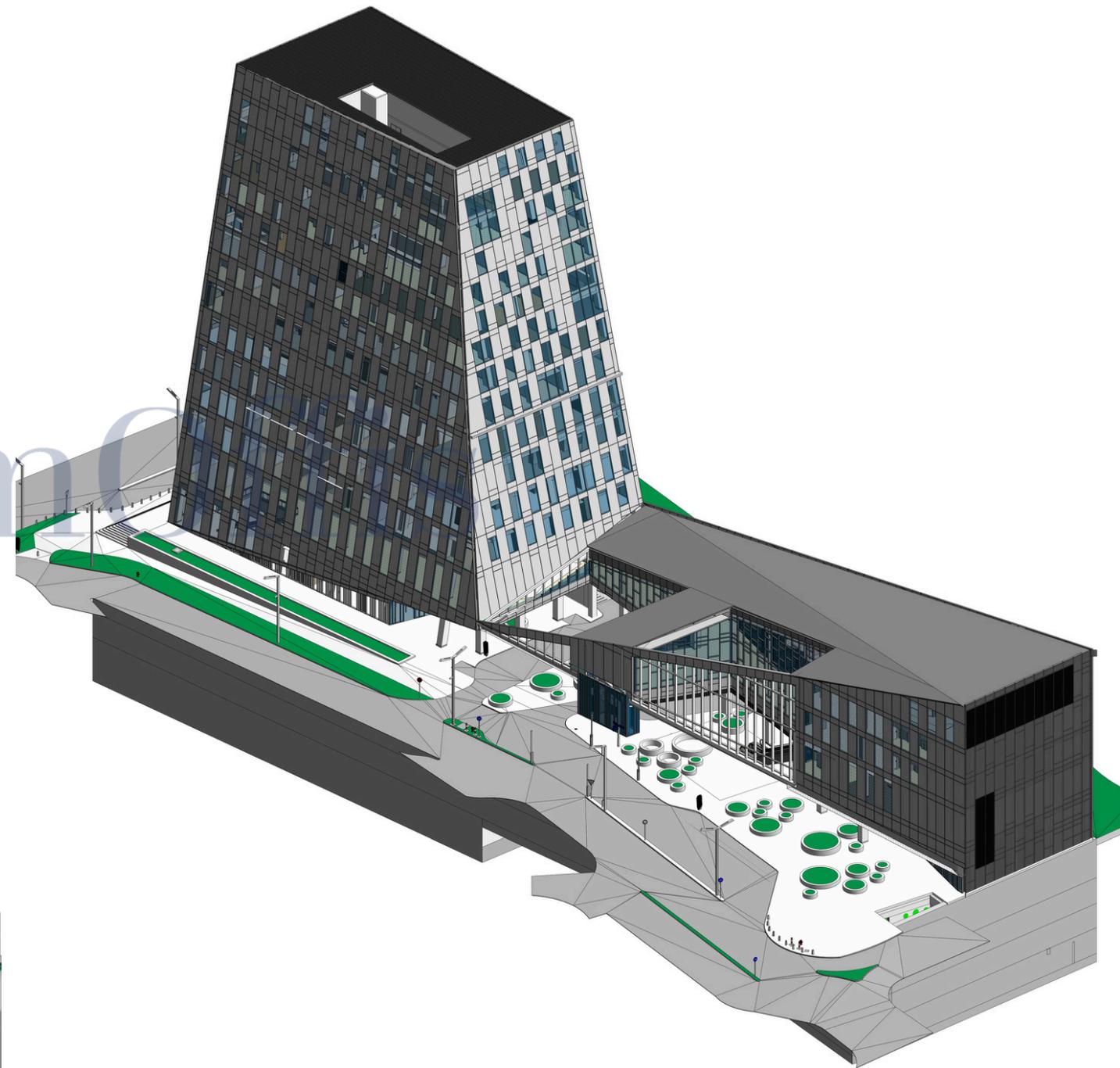
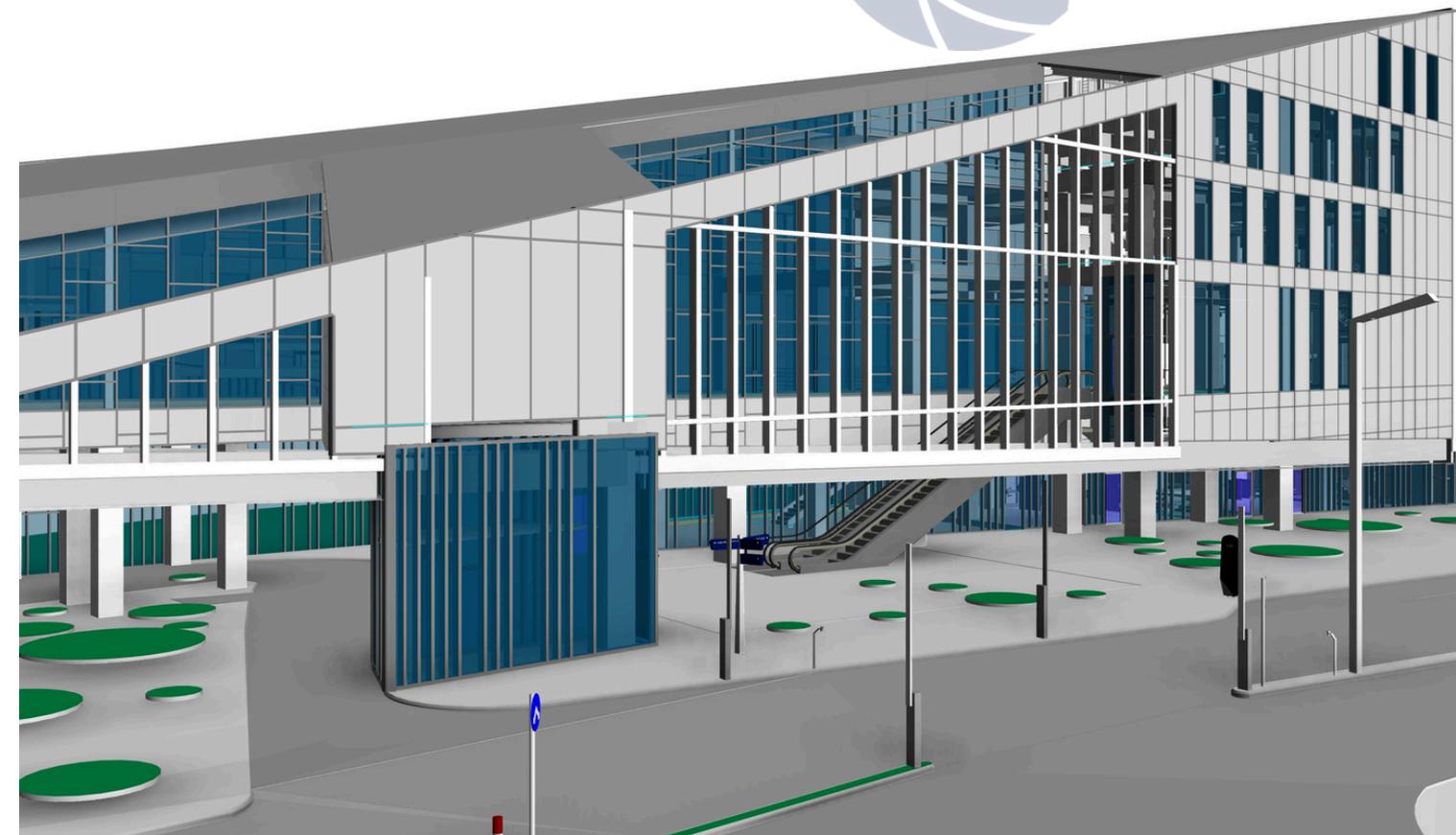
Commercial & Office Developments Projects

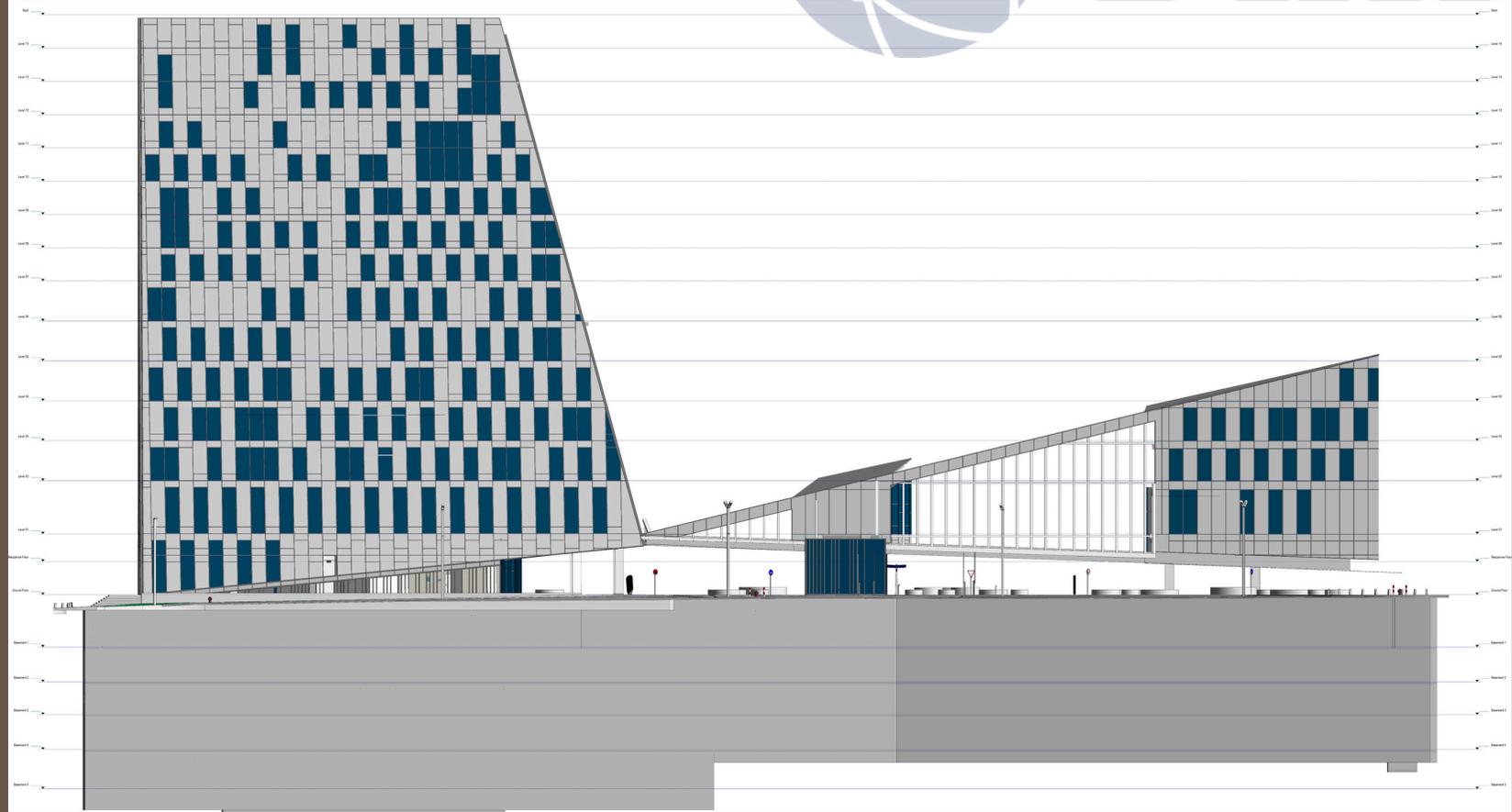
Architectural BIM modeling for commercial and office developments requires a strong emphasis on spatial efficiency, flexibility, and coordination with complex building systems.

Our BIM models are developed to accurately represent office layouts, building envelopes, and interior architectural elements while ensuring seamless integration with structural and MEP systems. The models support coordination-driven workflows, drawing extraction, and data-rich scheduling required for commercial developments.

These BIM models enable clear design visualization, improved coordination during construction, and reliable as-built documentation for long-term facility use.

1. King Abdullah Financial District (KAFD)

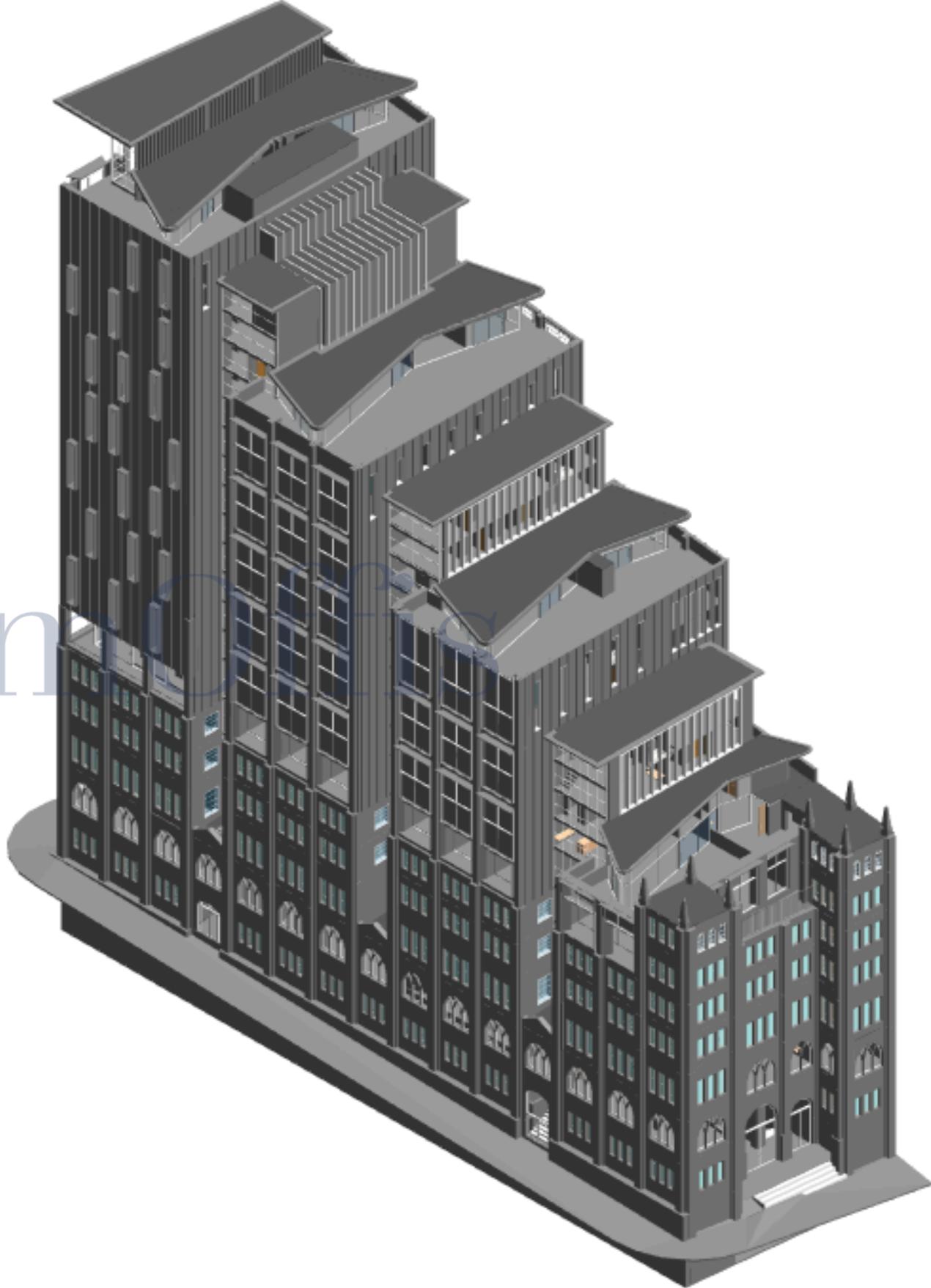
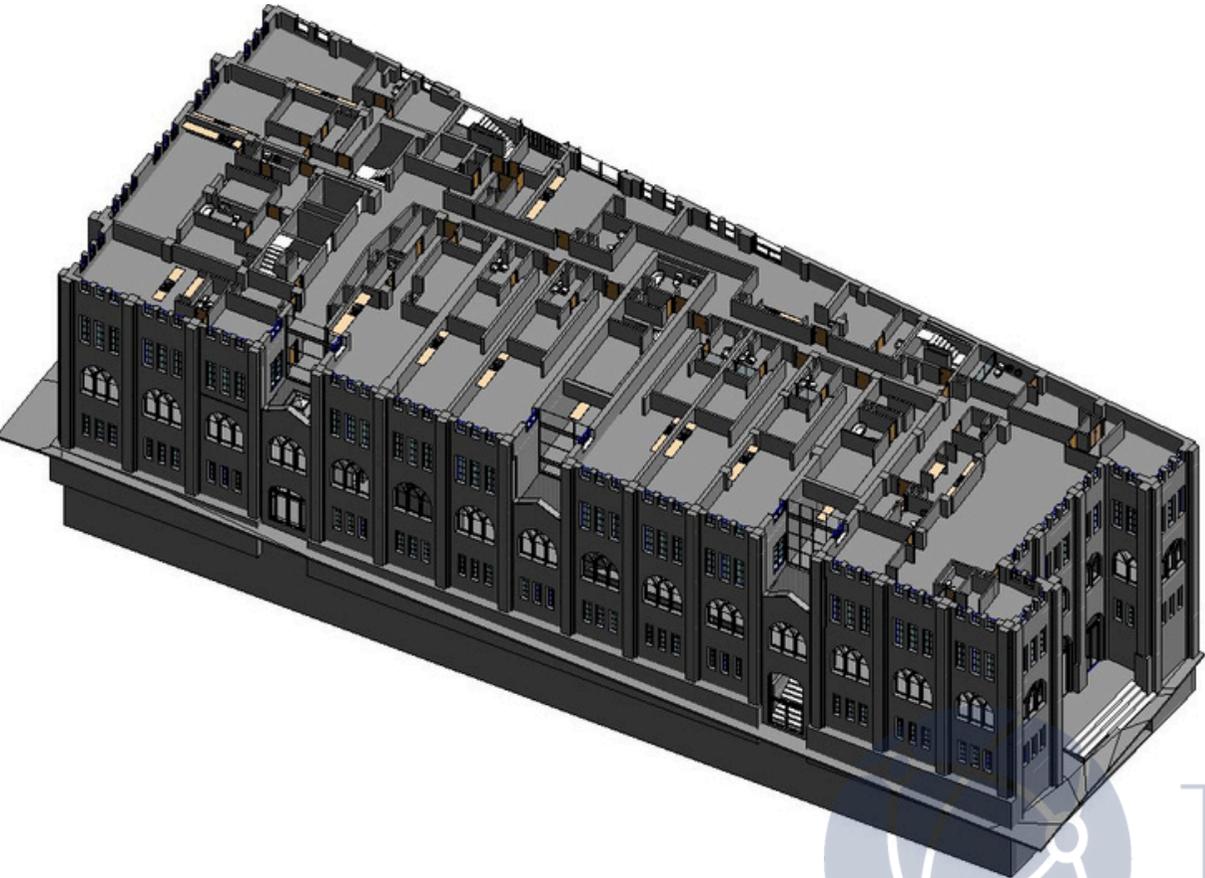




2. PNTC



3. Elite Suites



Bin

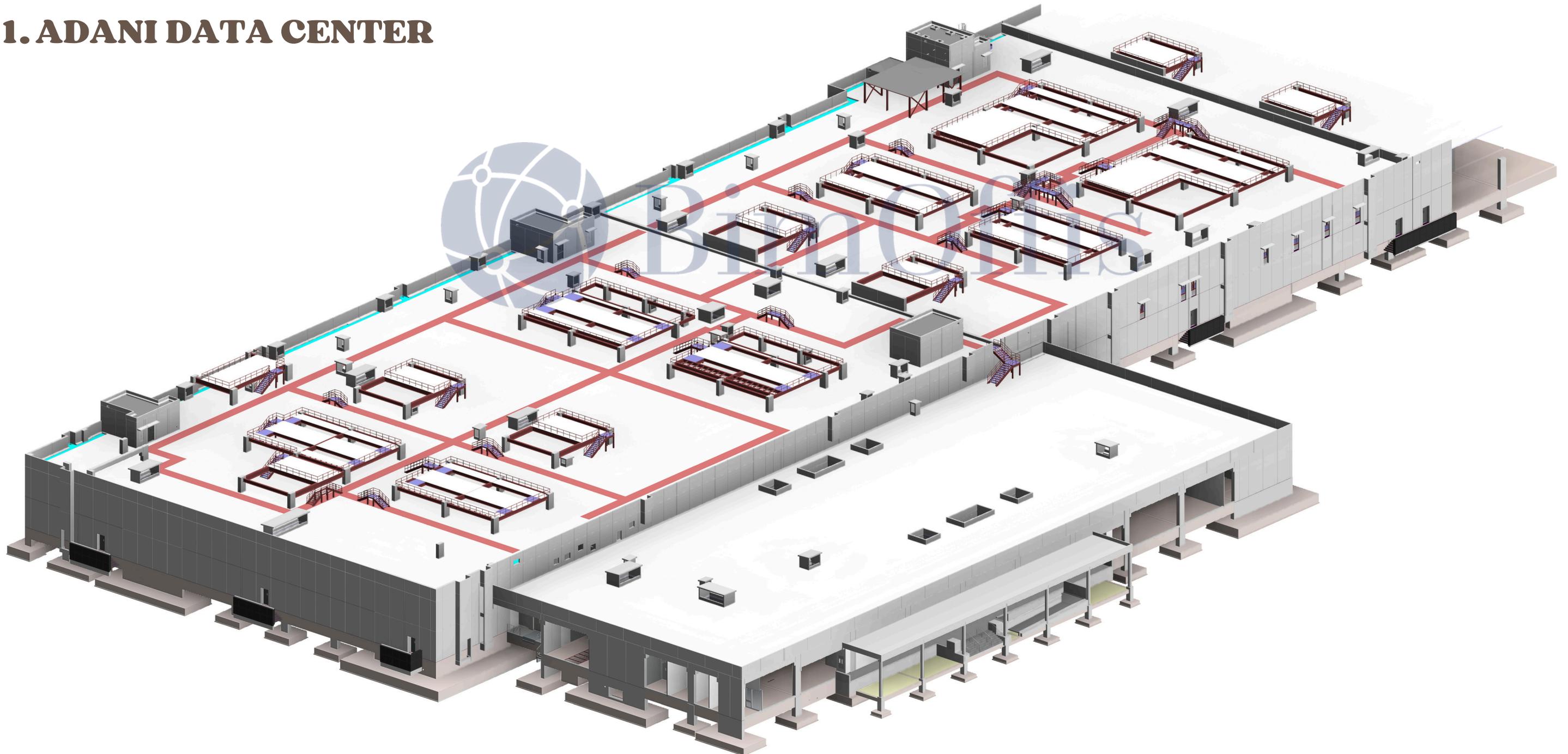
Industrial & Specialized Buildings Projects

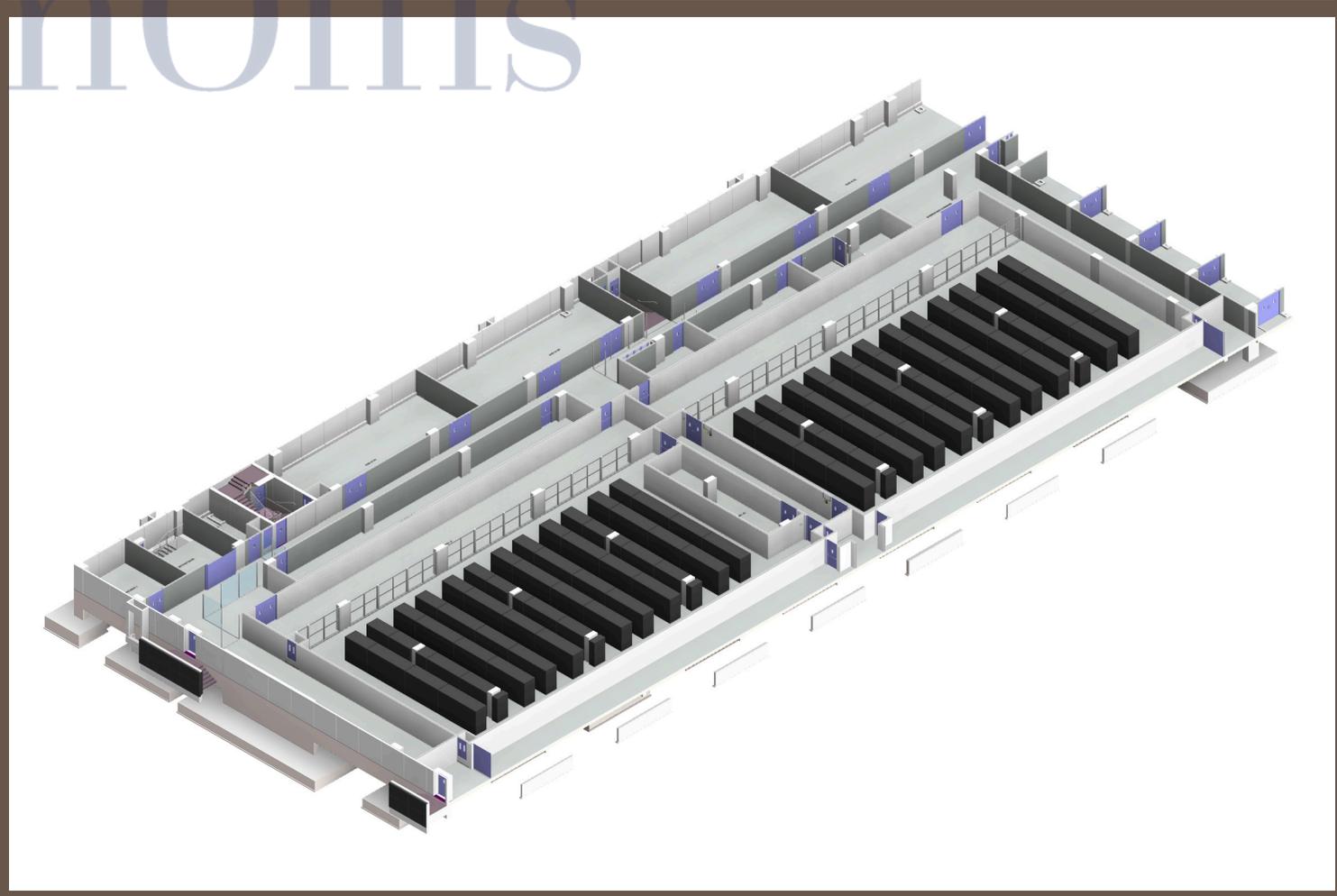
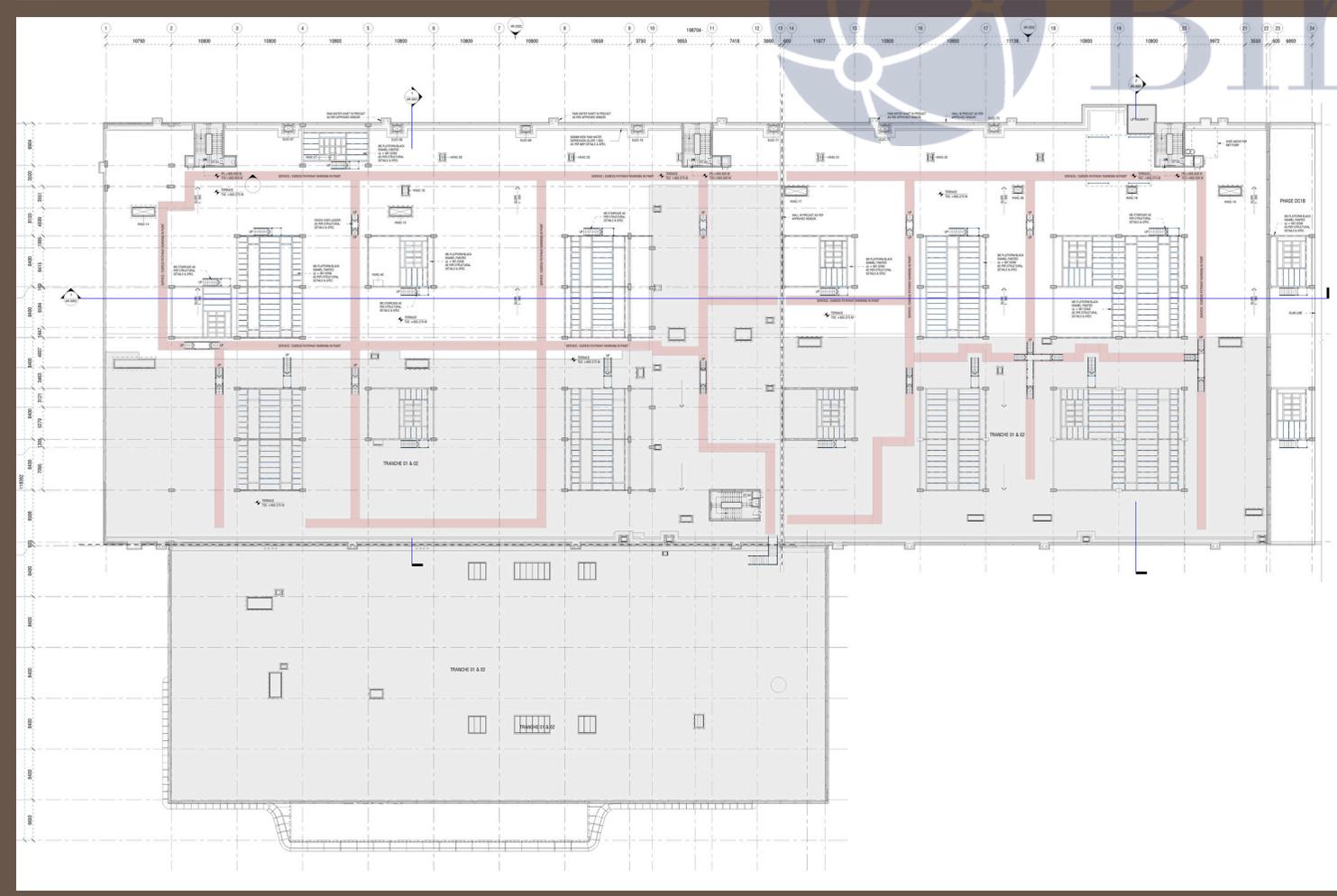
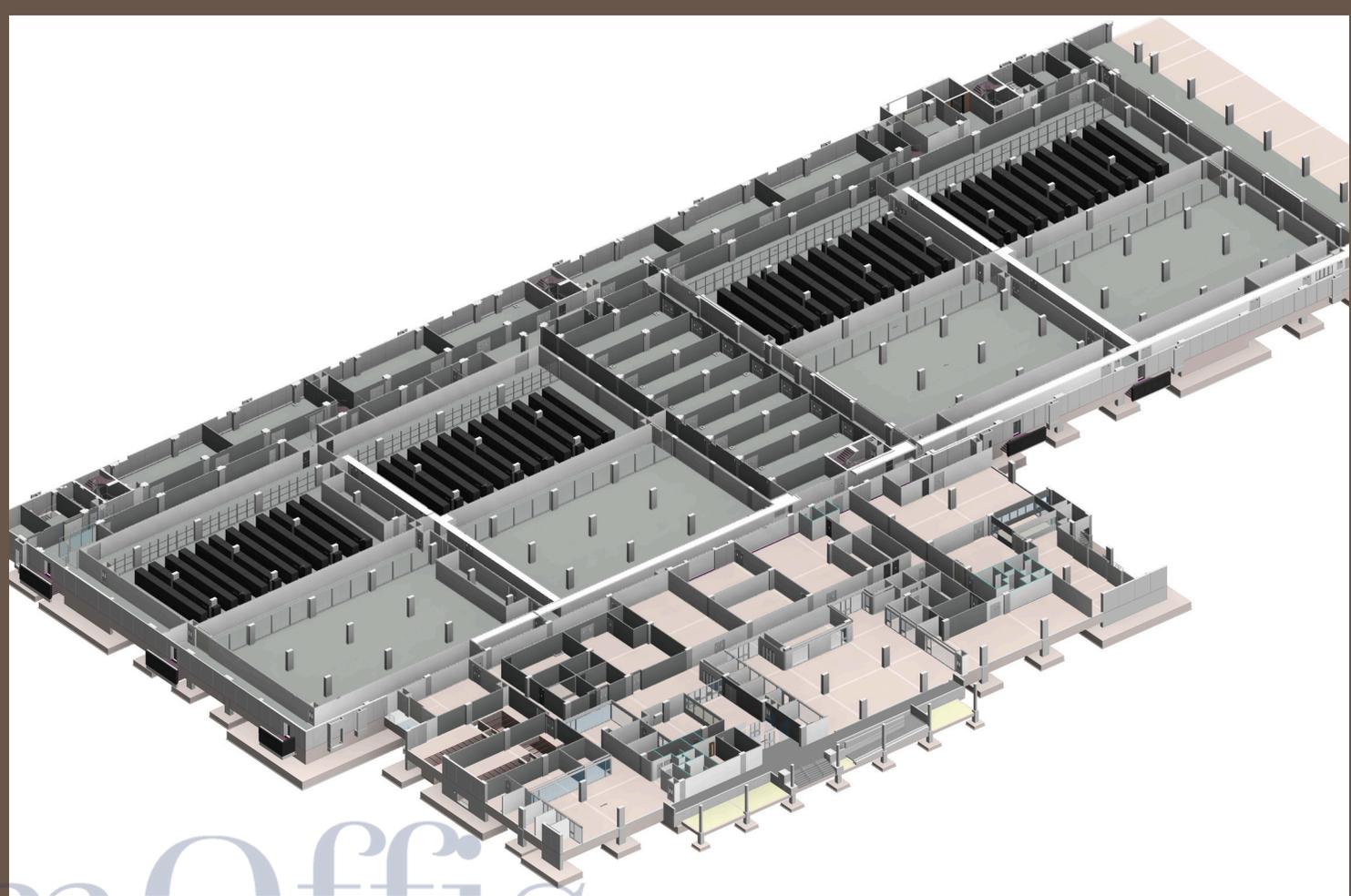
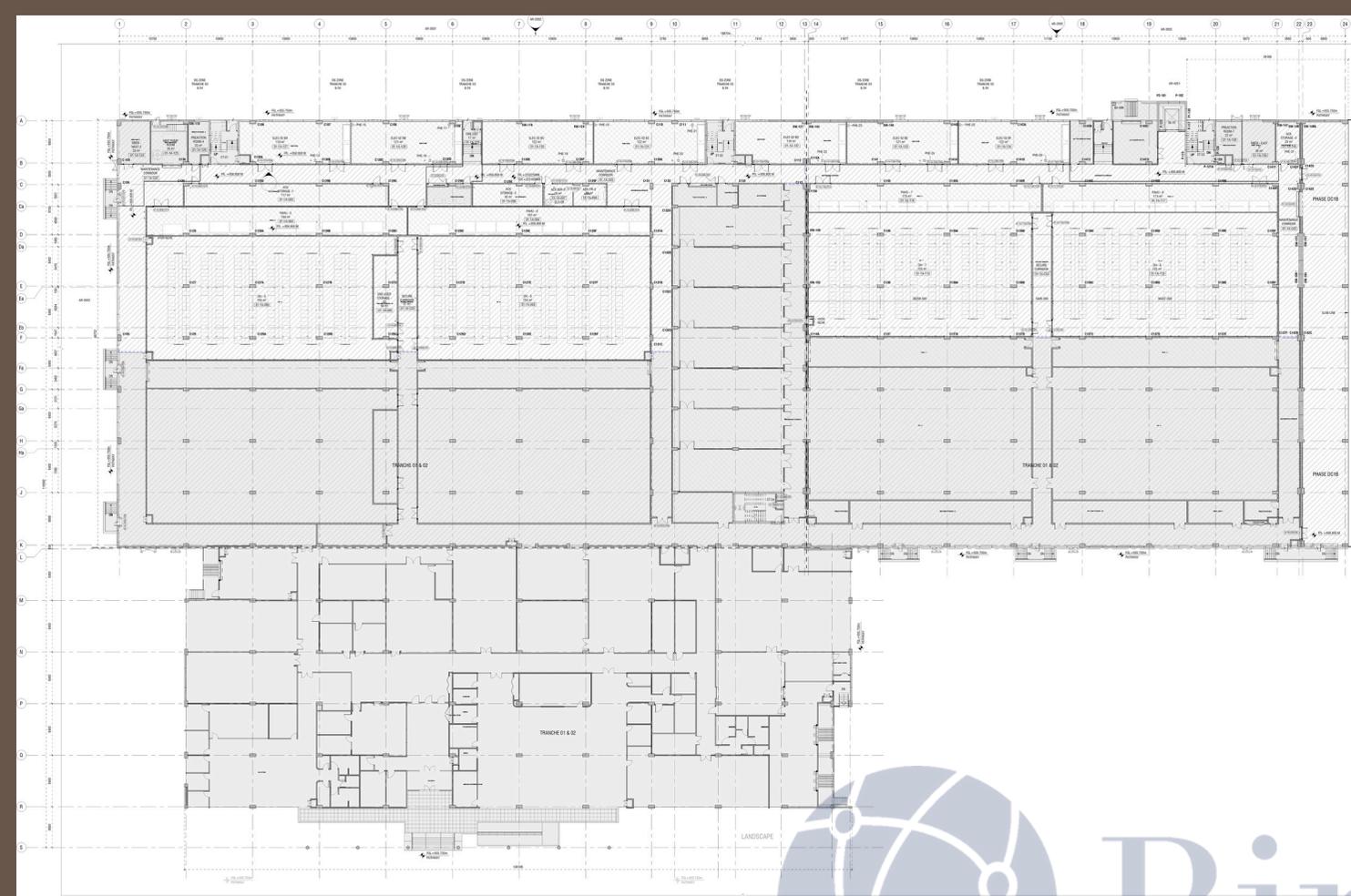
Architectural BIM services for industrial and specialized buildings require a strong focus on functional accuracy, constructability, and seamless integration with process-driven requirements.

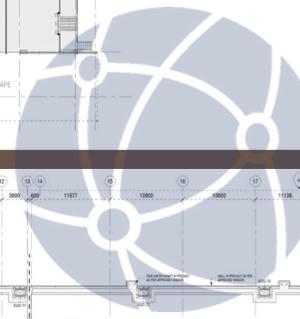
We develop architectural BIM models that accurately represent industrial layouts, equipment clearances, operational zones, and building envelopes while maintaining strict coordination with structural, MEP, and process systems. These models support detailed planning, coordination, and construction documentation in complex industrial environments.

Our BIM approach ensures that architectural elements are developed in alignment with operational workflows, safety considerations, and long-term facility requirements, enabling efficient construction execution and reliable as-built documentation.

1. ADANI DATA CENTER





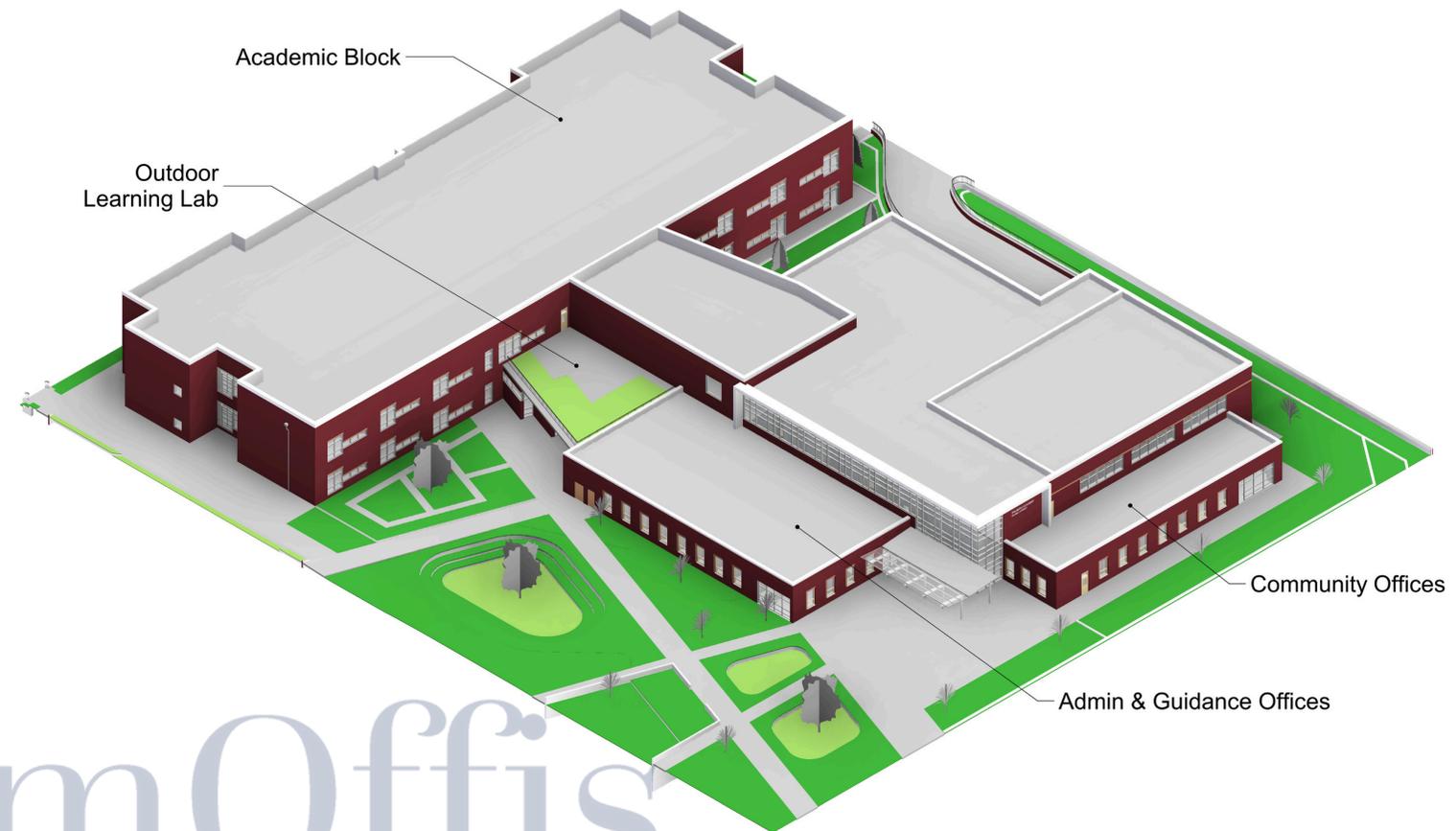
 BimOffis

Institutional, Infrastructure & Public Facilities Projects

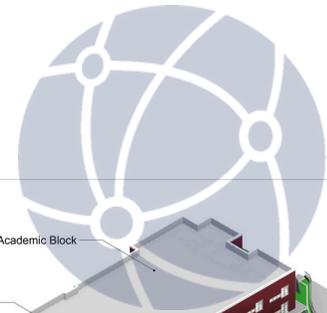
Architectural BIM services for institutional and public facilities require a high level of functional clarity, spatial organization, and coordination due to the complexity and scale of these buildings.

We develop BIM models that accurately represent functional zoning, public circulation areas, and architectural elements while supporting coordination with structural and MEP systems. The models are suitable for detailed documentation, coordination reviews, and compliance-driven project requirements.

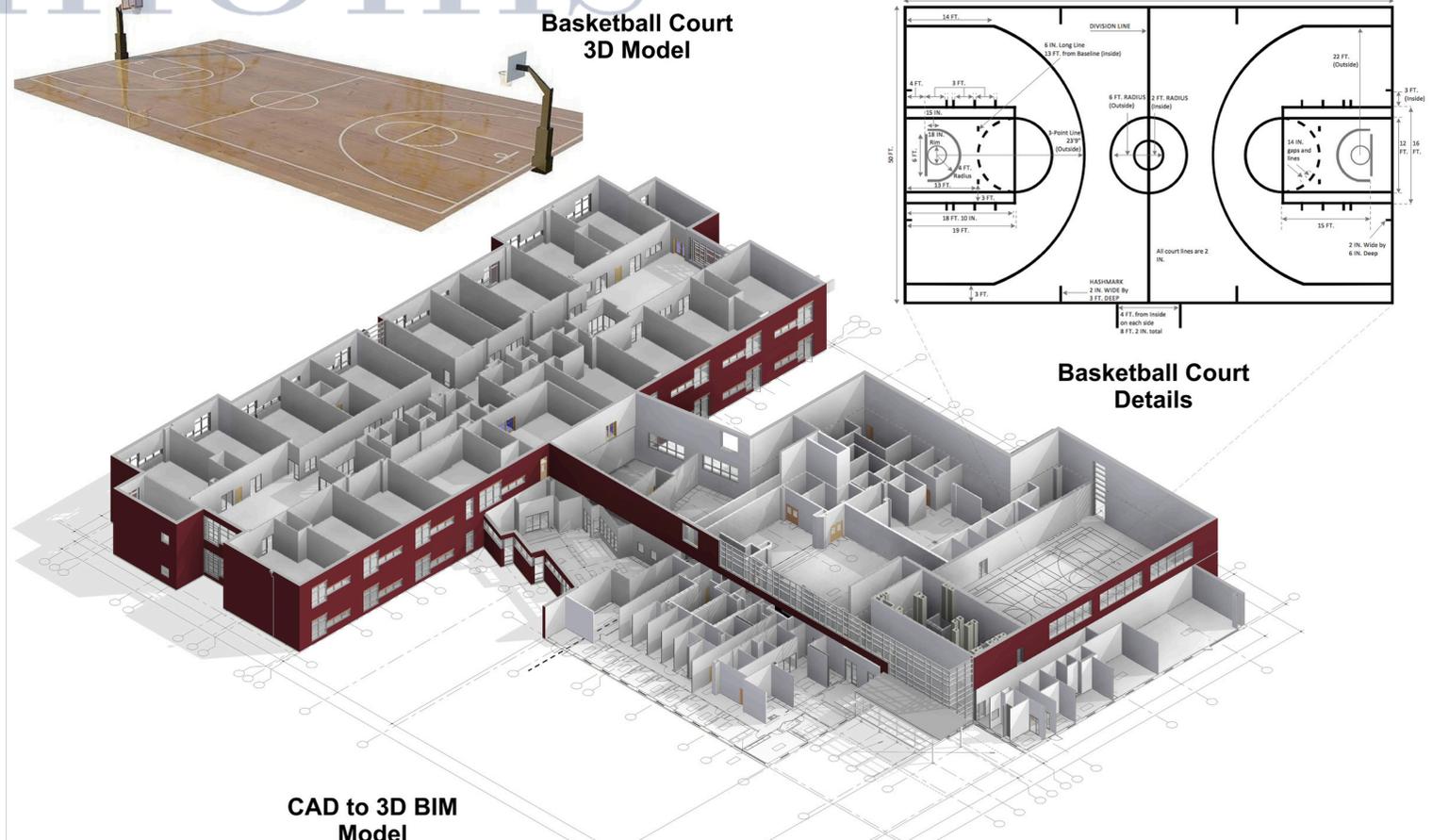
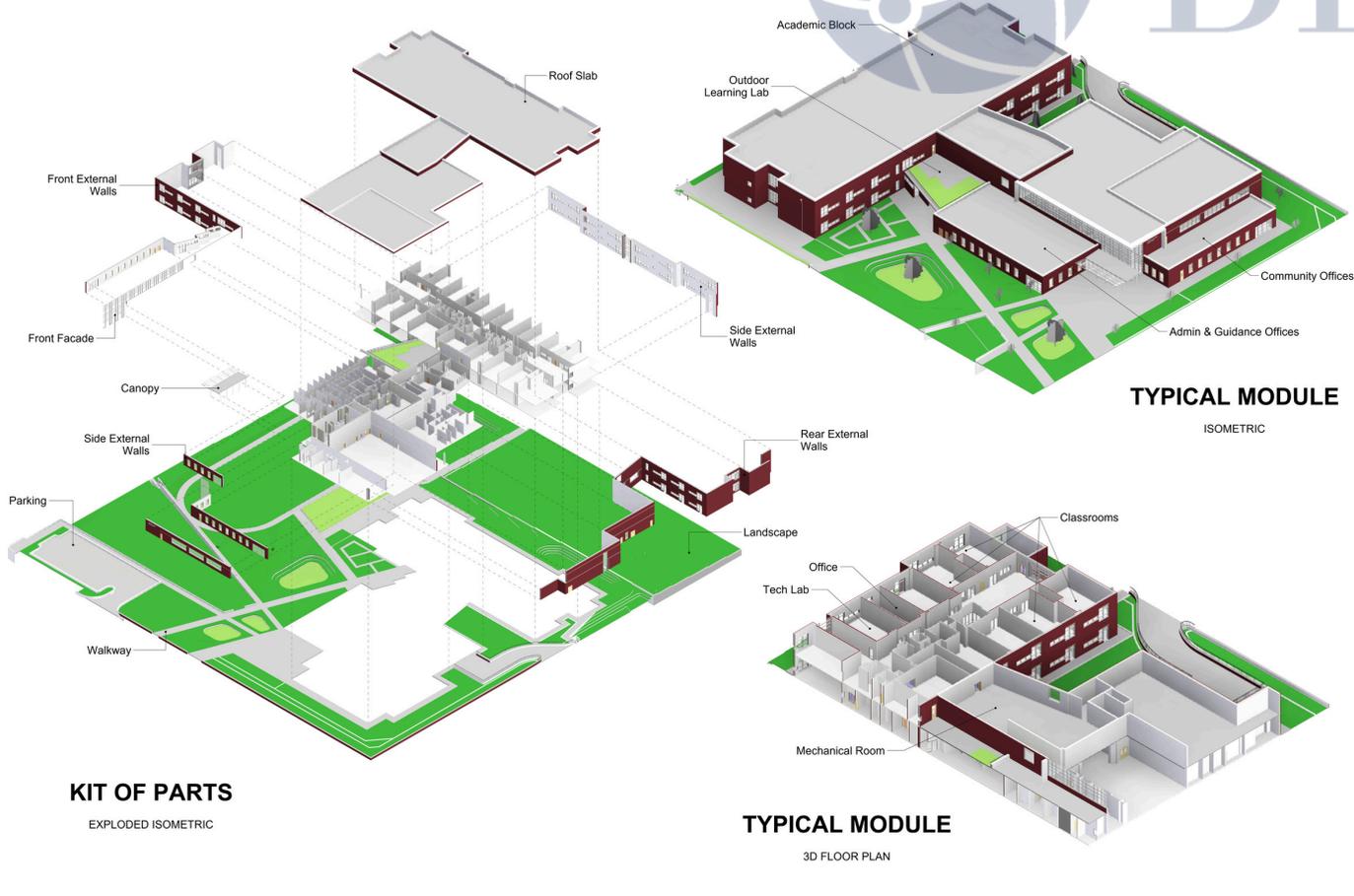
Our BIM deliverables support clear communication among stakeholders and enable efficient construction execution and facility handover.



1. Triumph Academy

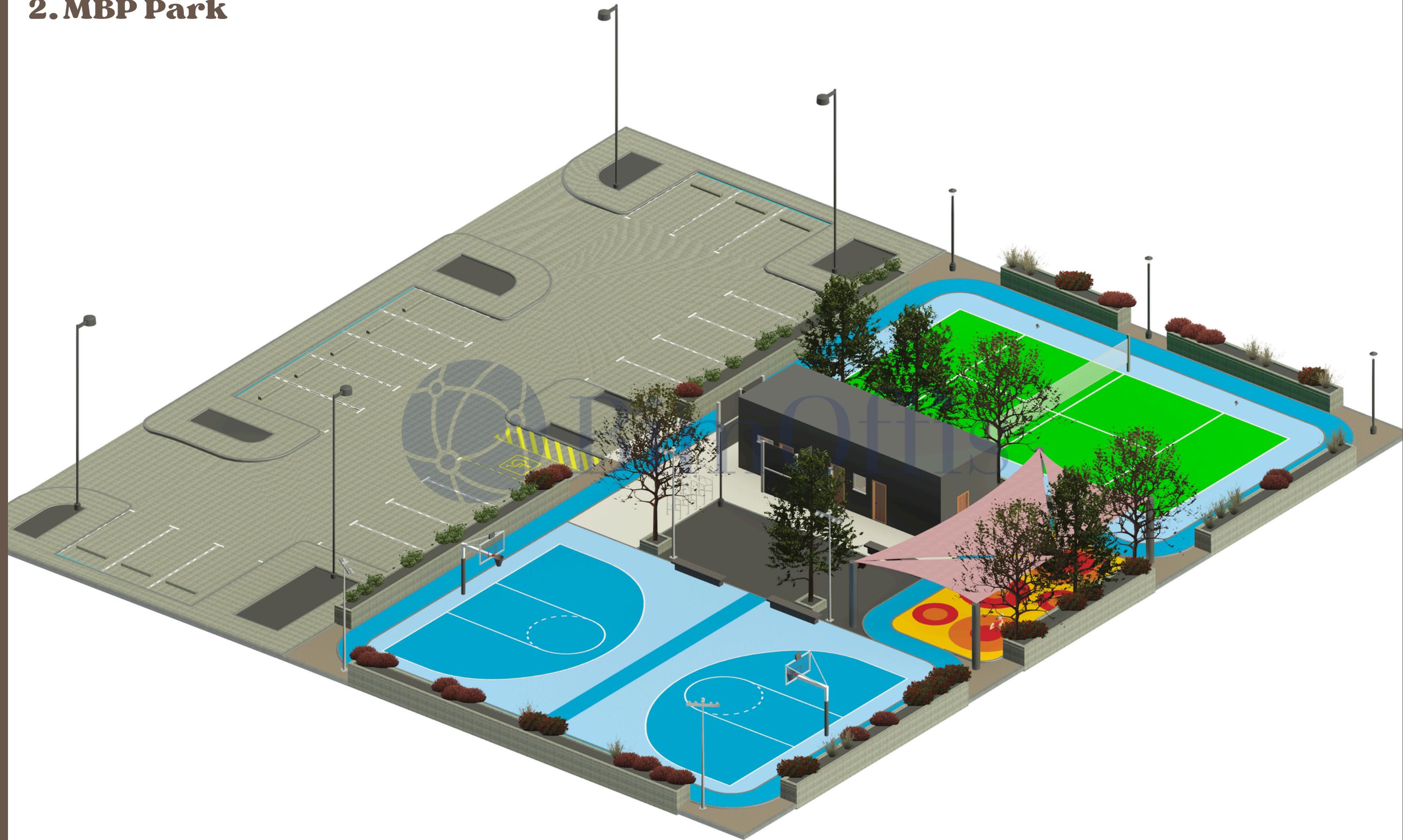


BimOffis





2. MBP Park



Infrastructure & Transportation Facilities Projects

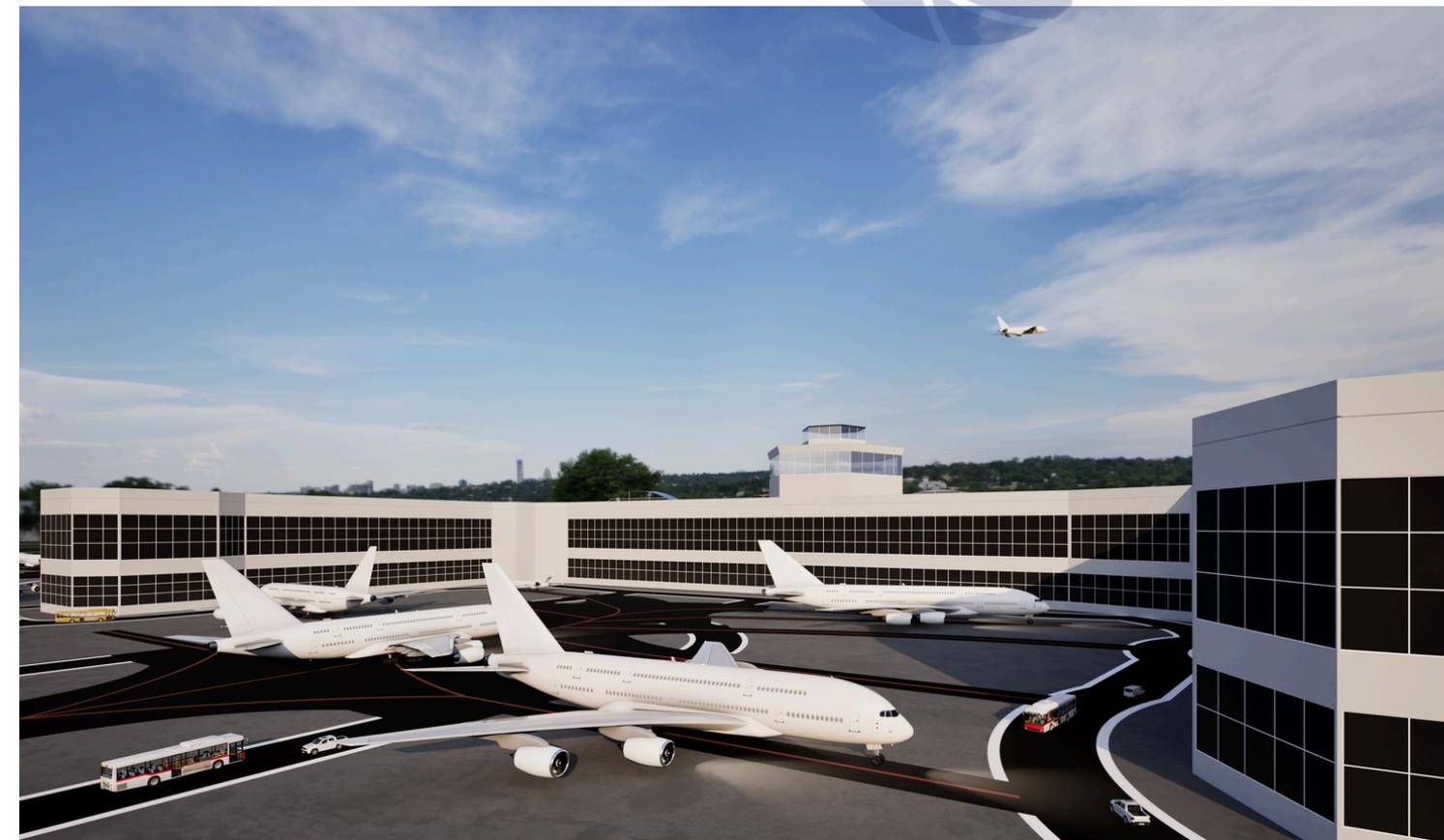
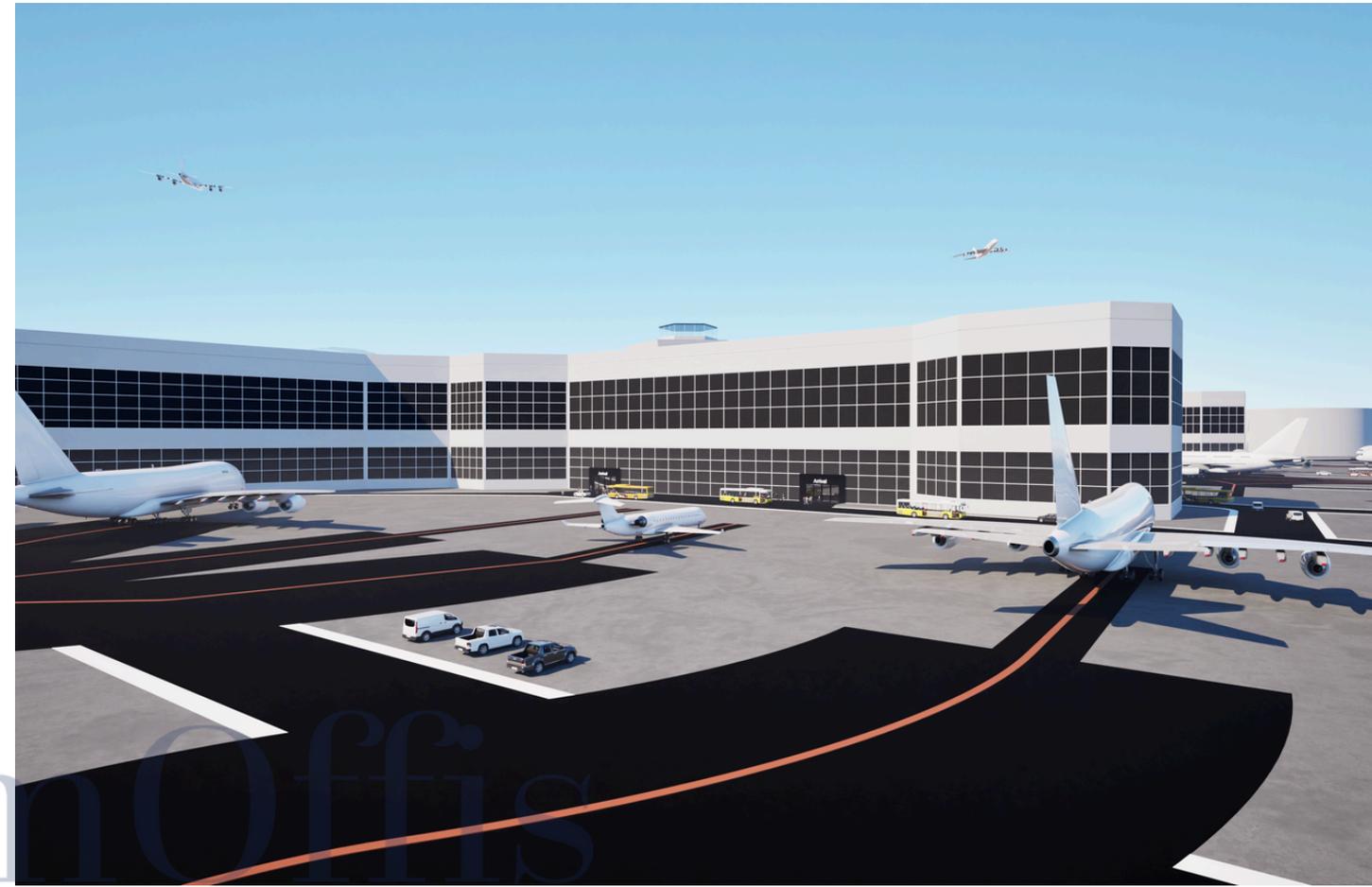
Architectural BIM modeling for infrastructure and transportation facilities involves managing large-scale geometries, phased construction, and complex interfaces with civil and structural systems.

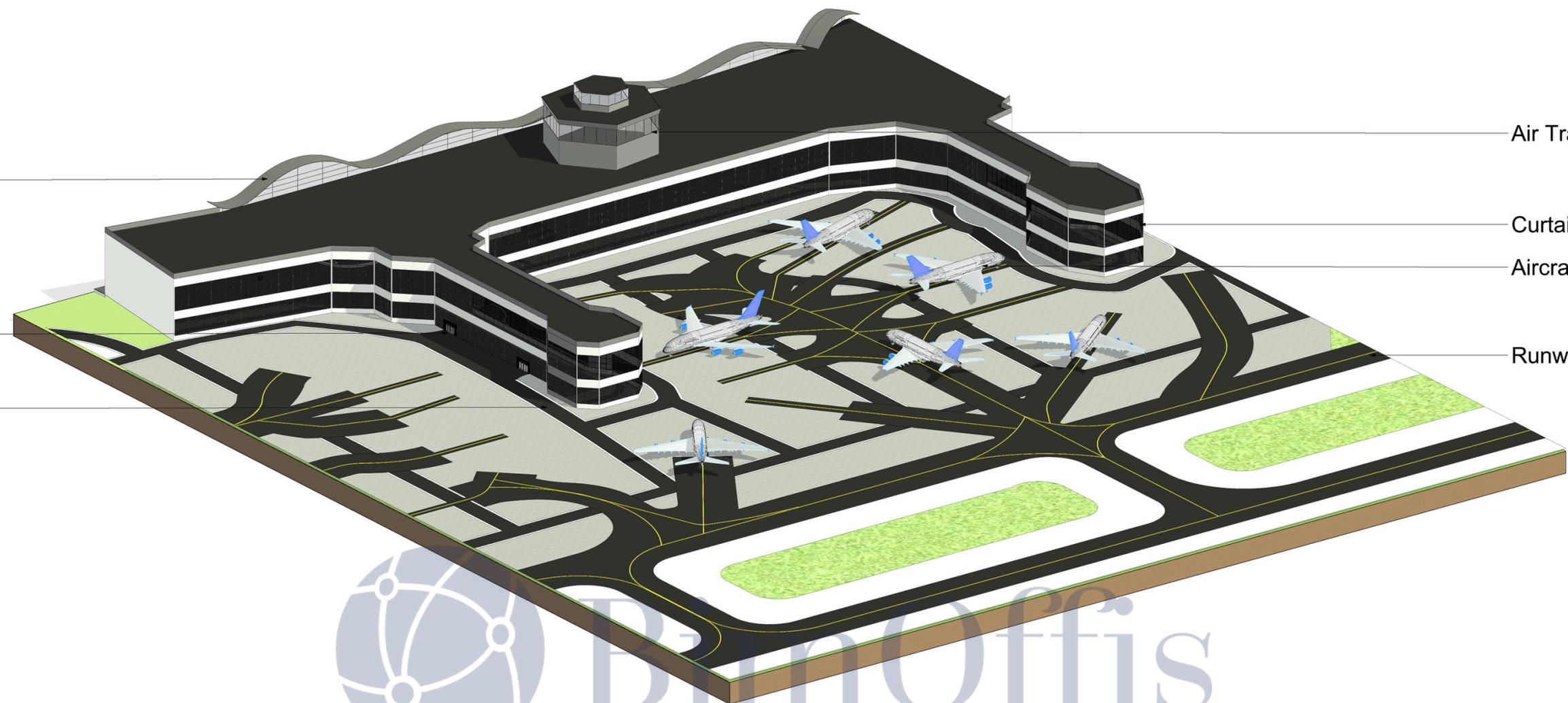
We deliver architectural BIM models that represent terminals, stations, and support buildings with a focus on spatial coordination, constructability, and lifecycle usability. The models are structured to support coordination reviews, construction documentation, and as-built updates. These BIM models provide a reliable digital representation of infrastructure assets, supporting long-term operation, maintenance, and future upgrades.

1. International Airport



Bimioffis





Facade Roof

Arrival Gates

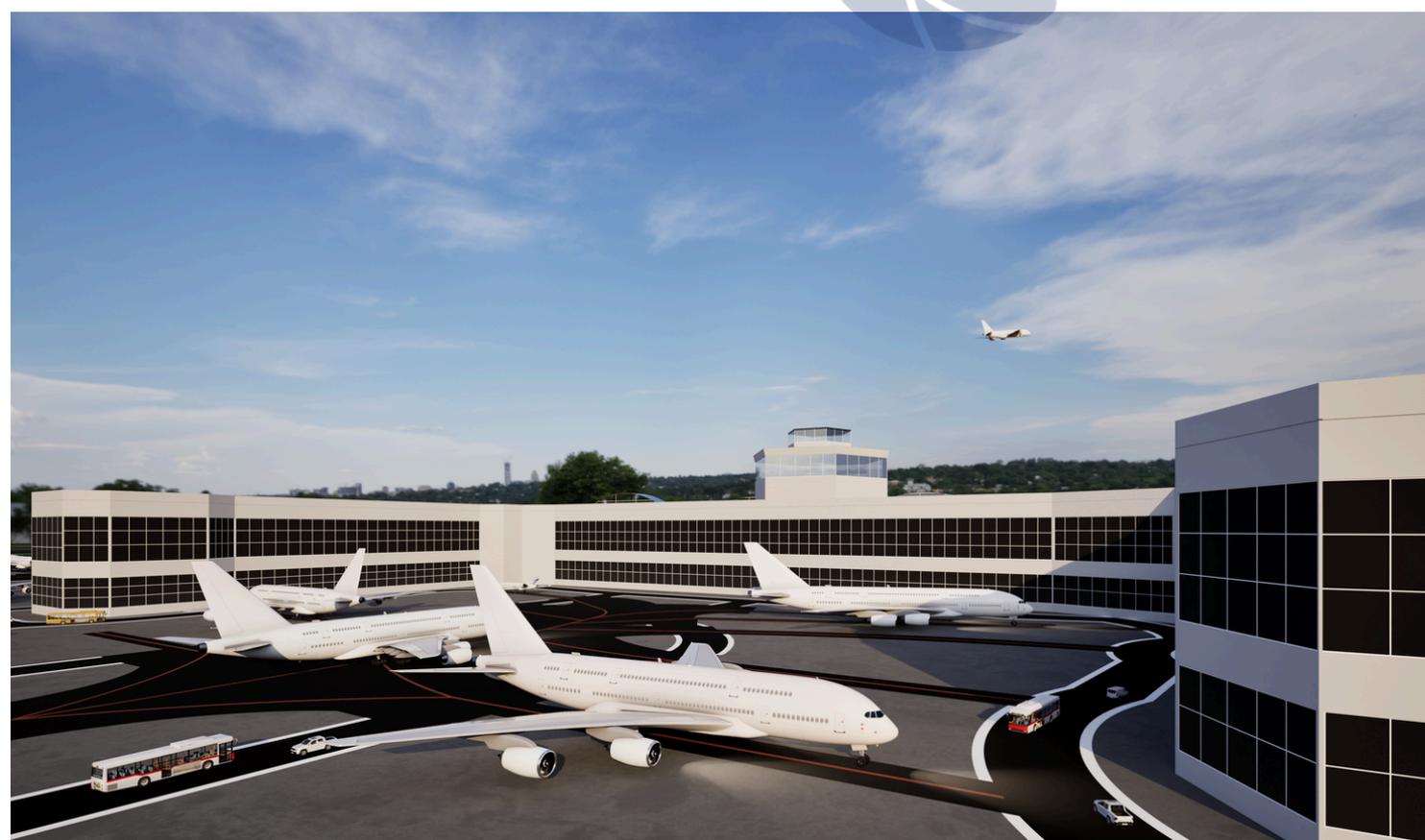
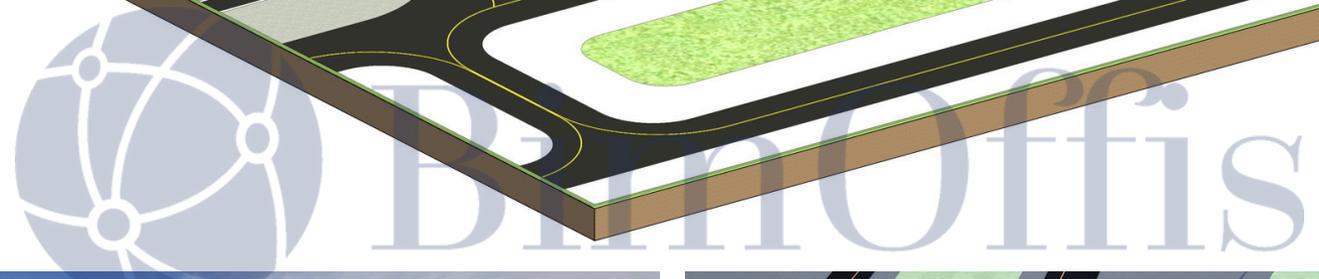
Taxiway

Air Traffic Control Tower

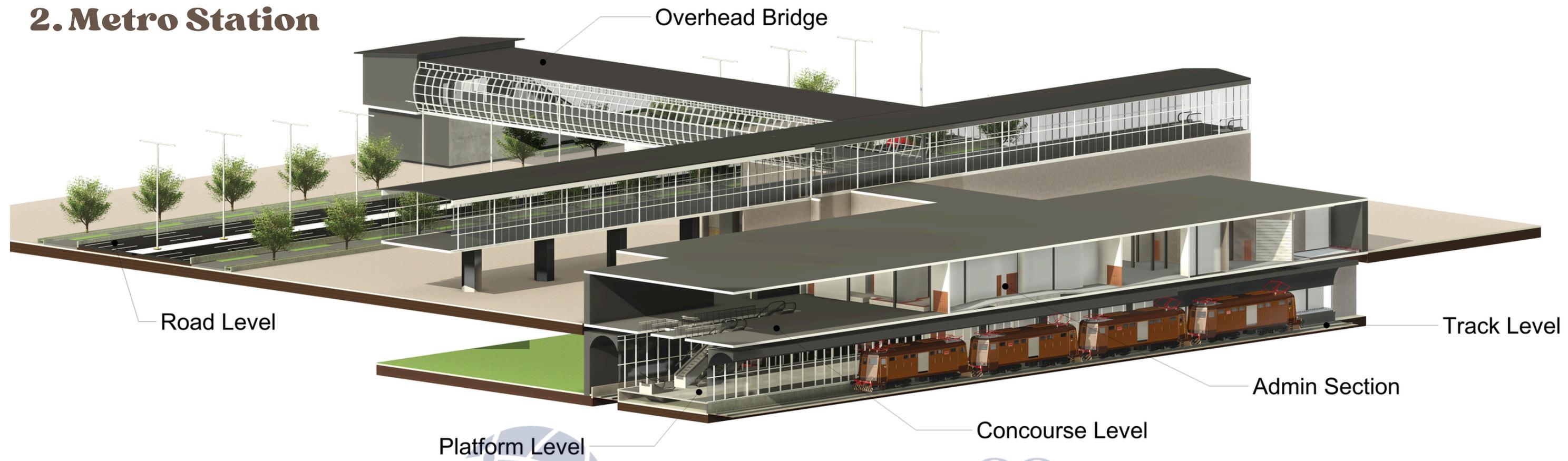
Curtain Panel

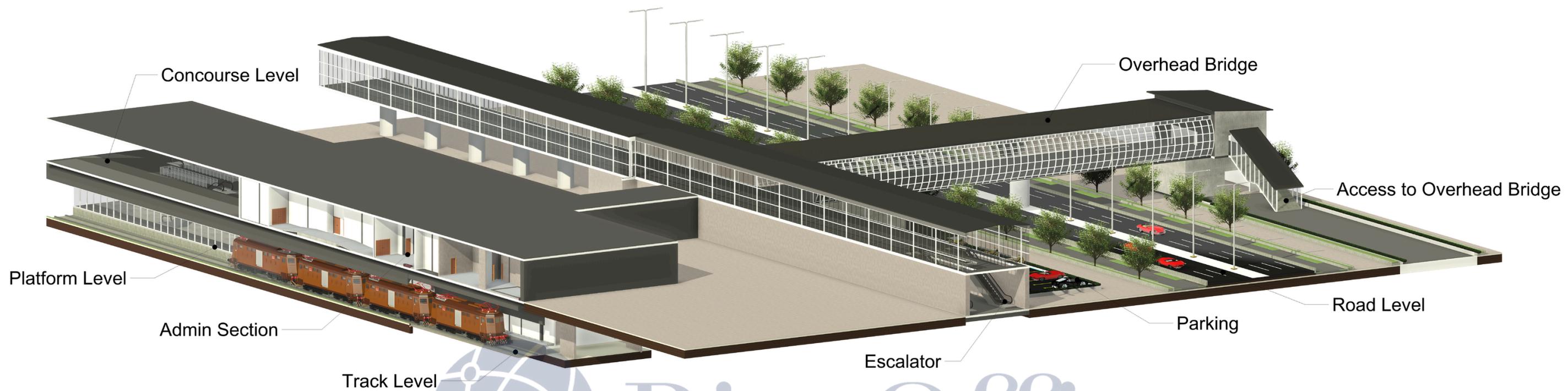
Aircraft Parking

Runway

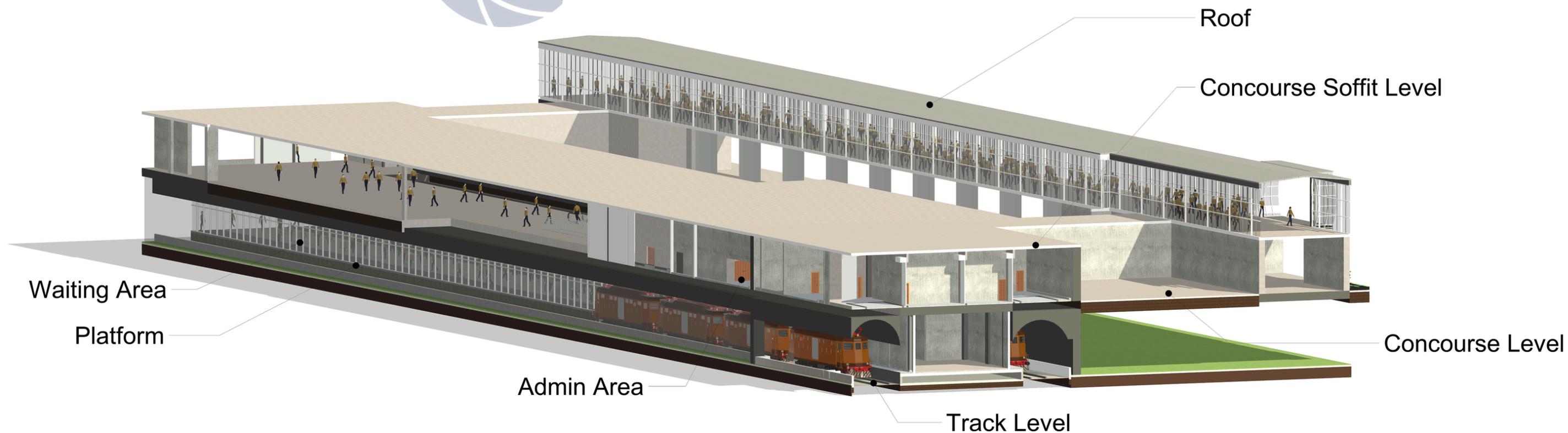


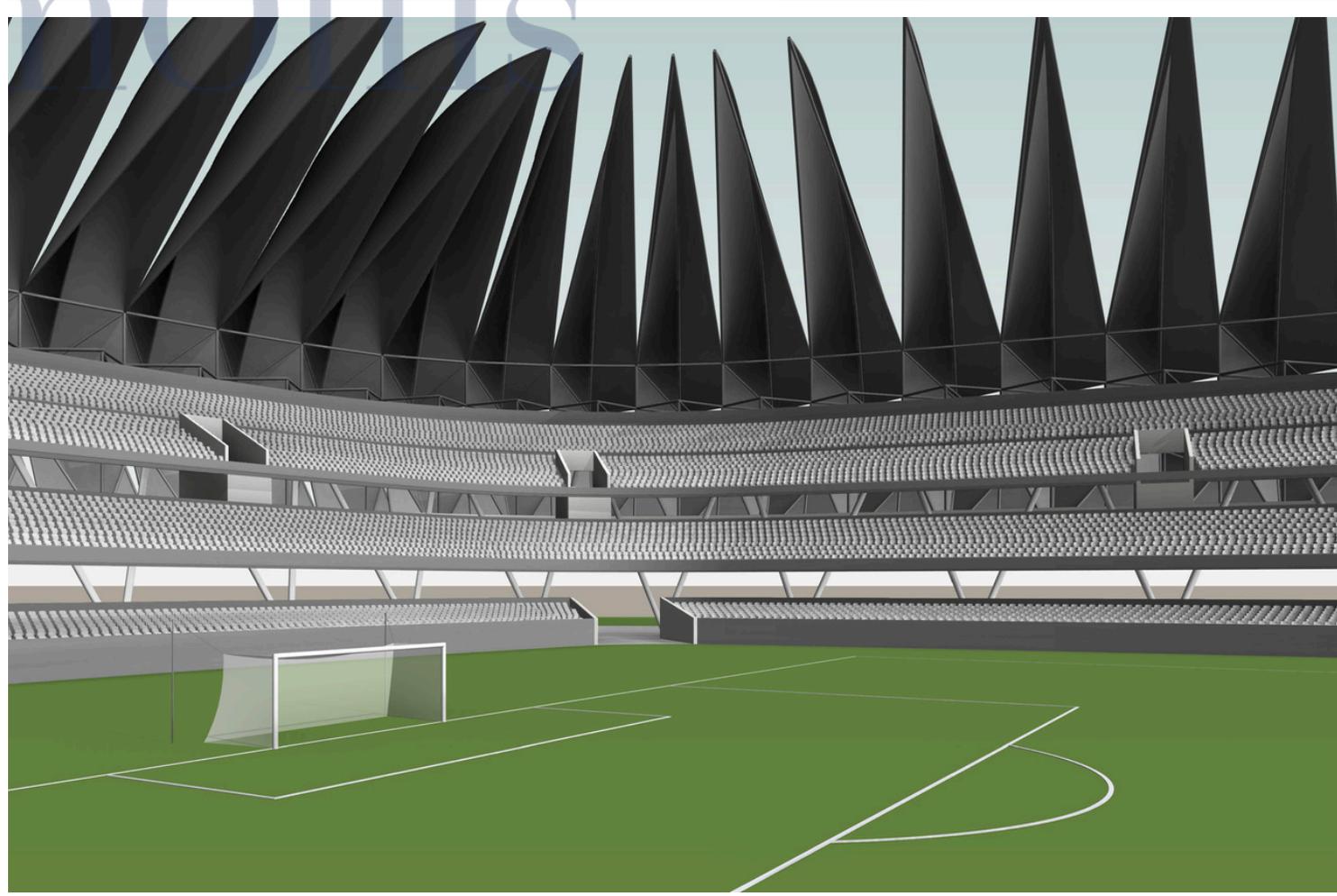
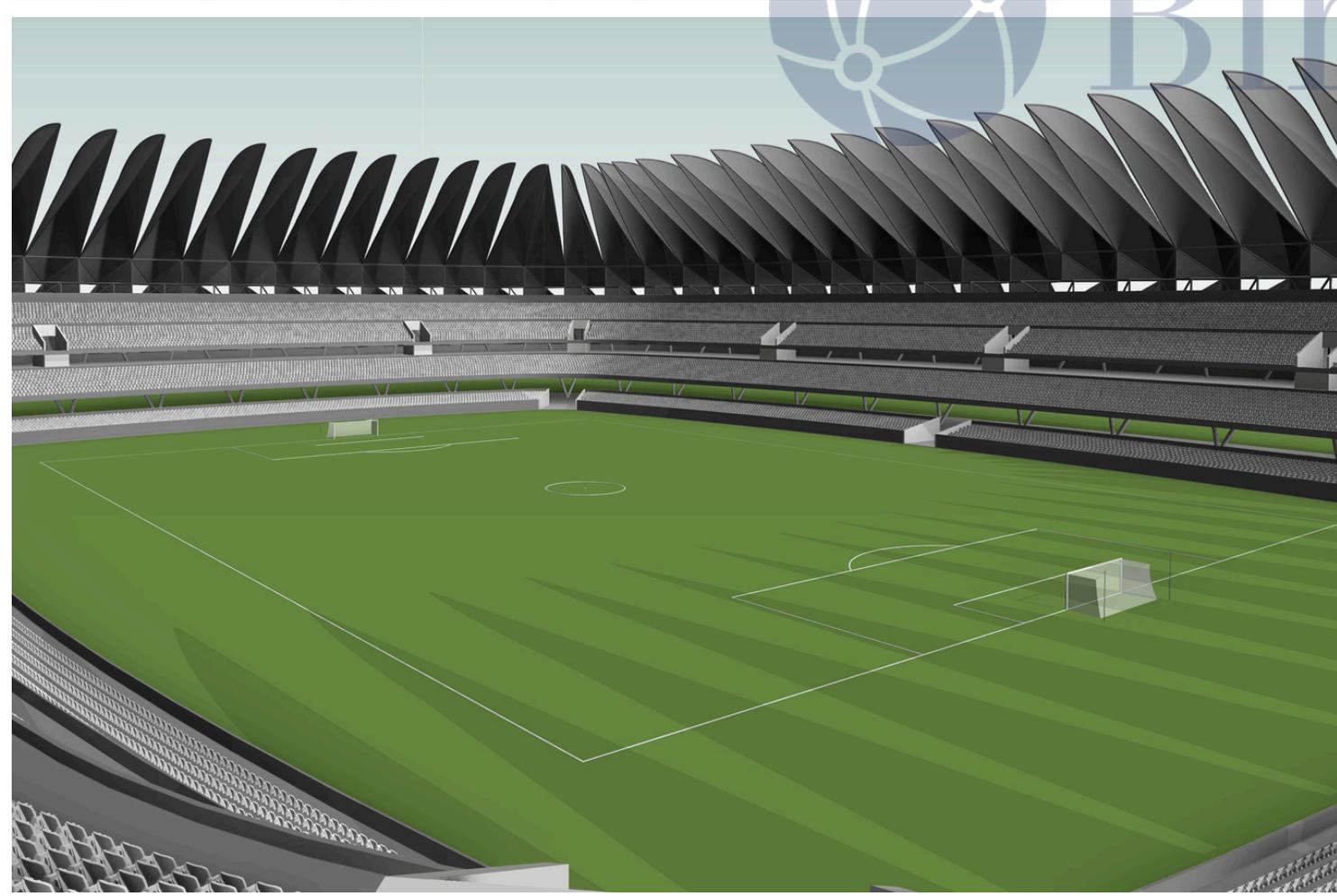
2. Metro Station





BimOffis





Residential & Housing Developments Projects

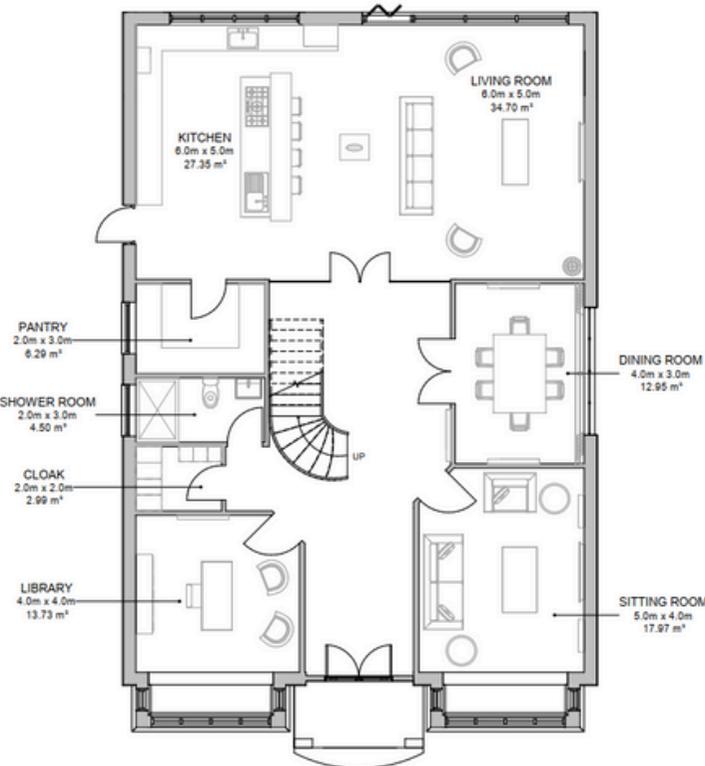
Our Architectural BIM services for residential and housing developments focus on accurate space planning, coordinated building layouts, and constructible design representation across all project stages.

We develop detailed BIM models that represent unit configurations, common areas, building cores, façades, and architectural finishes with a high level of accuracy. The models support design coordination, quantity extraction, and construction documentation while maintaining consistency across repetitive residential layouts.

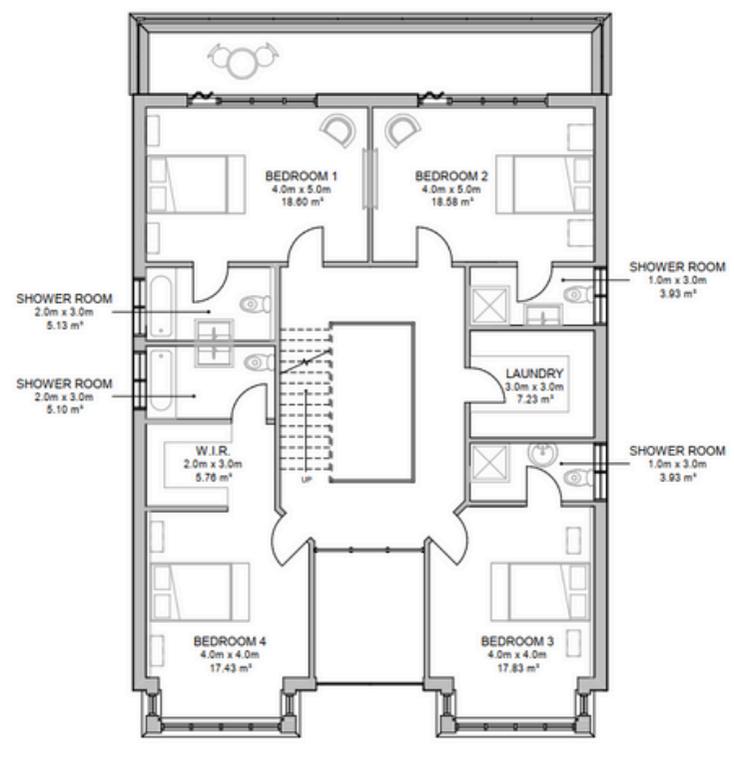
Our residential BIM models are structured to accommodate design revisions efficiently and support multi-disciplinary coordination, helping reduce conflicts and rework during construction and handover.

1. Parkview Villa

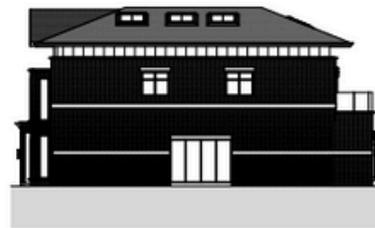




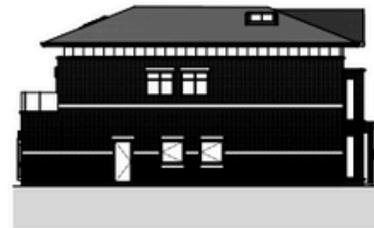
Existing Ground Floor
1: 50



Existing First Floor
1: 50



East Elevation
1: 100



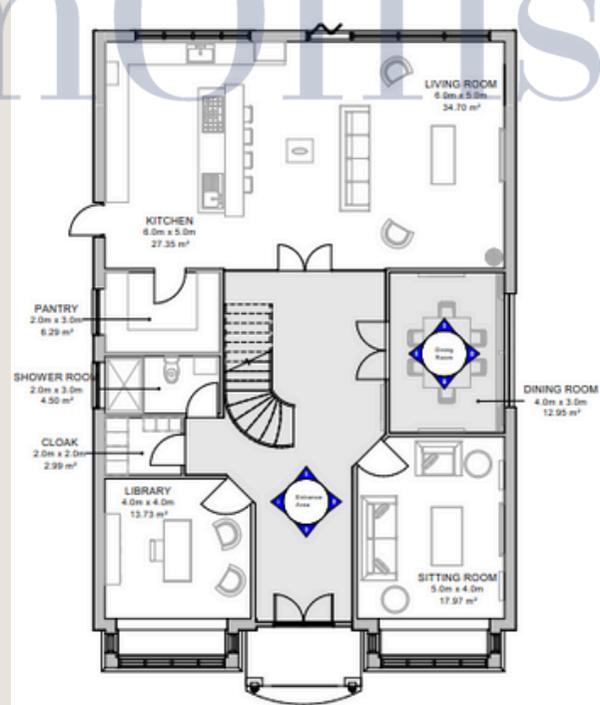
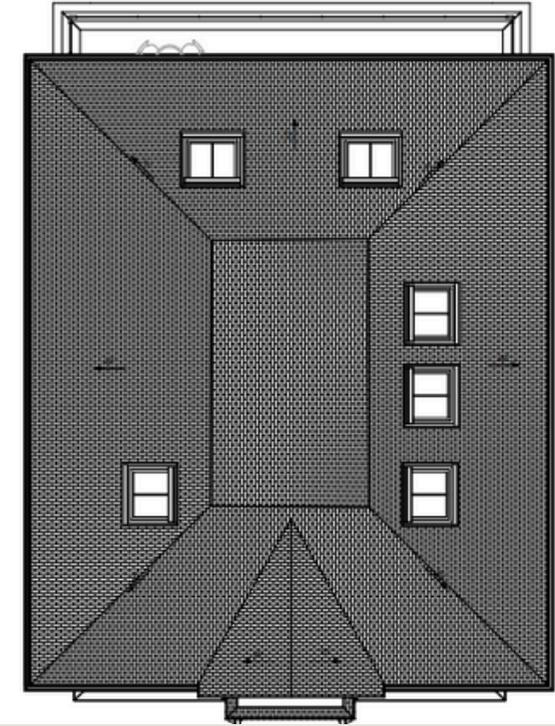
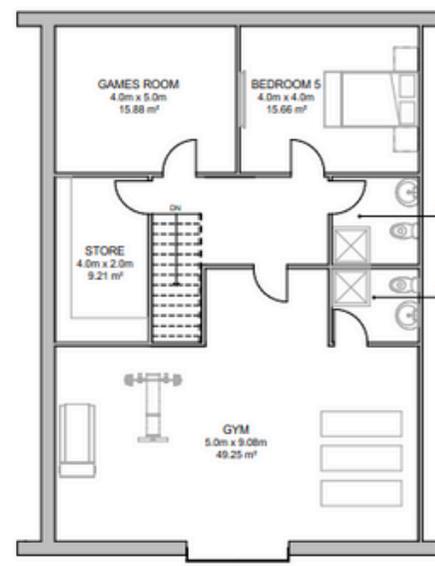
West Elevation
1: 100



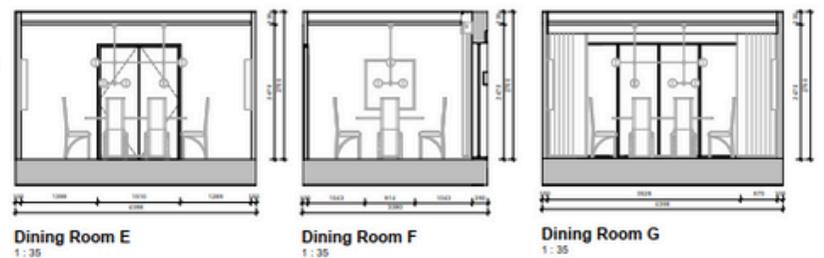
South Elevation
1: 100



North Elevation
1: 100



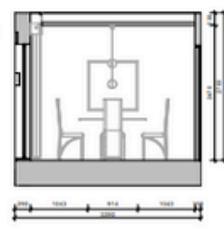
Ground Floor-Dining Room & Entrance Area
1: 50



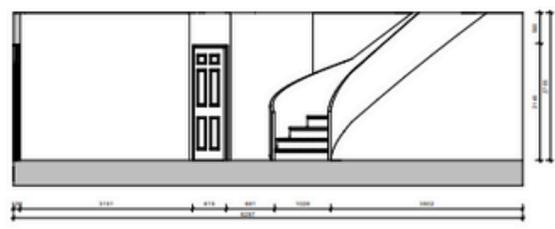
Dining Room E
1: 35

Dining Room F
1: 35

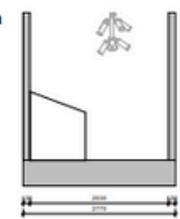
Dining Room G
1: 35



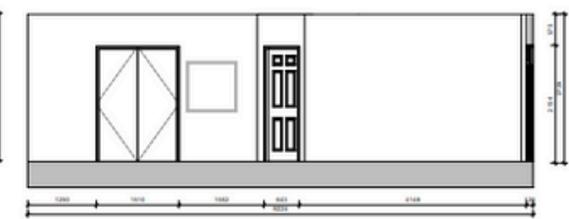
Dining Room H
1: 35



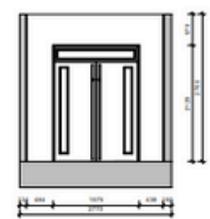
Entrance Area I
1: 35



Entrance Area J
1: 35



Entrance Area K
1: 35

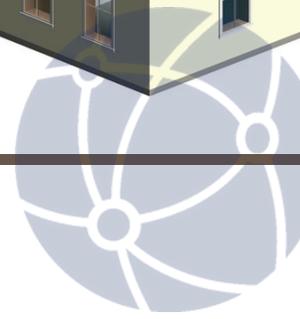


Entrance Area L
1: 35

2. Saffron Haven





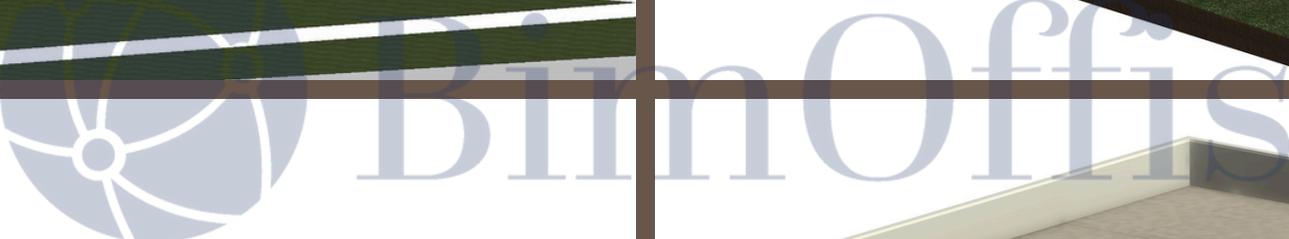
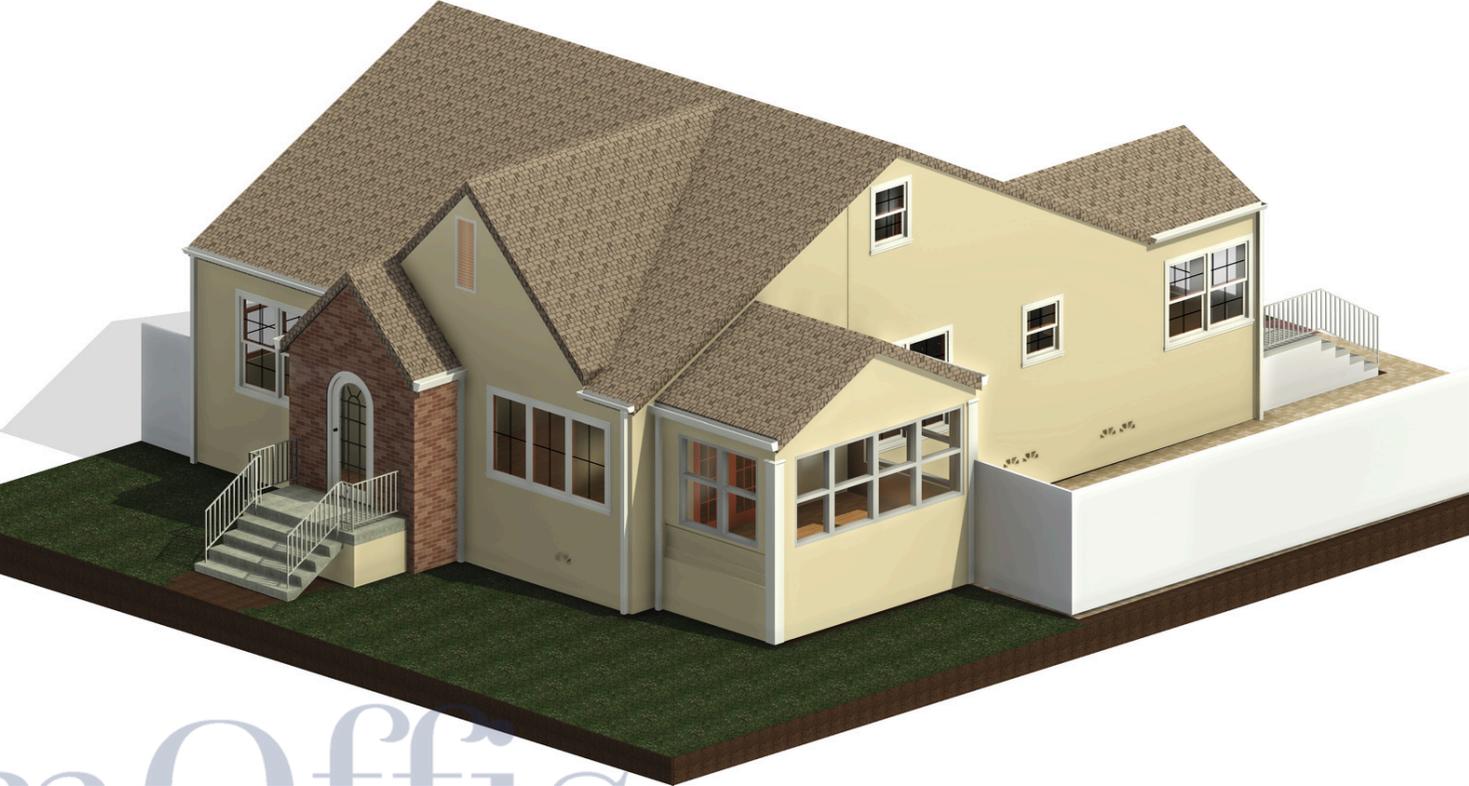
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3. Homestrada Villa



4. Sunset Villa



5. Goirle Woningen Zuidrand



6. Land Van Anna



7. Royal Oasis



8. Semilong House



9. Penthouse Paradise



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