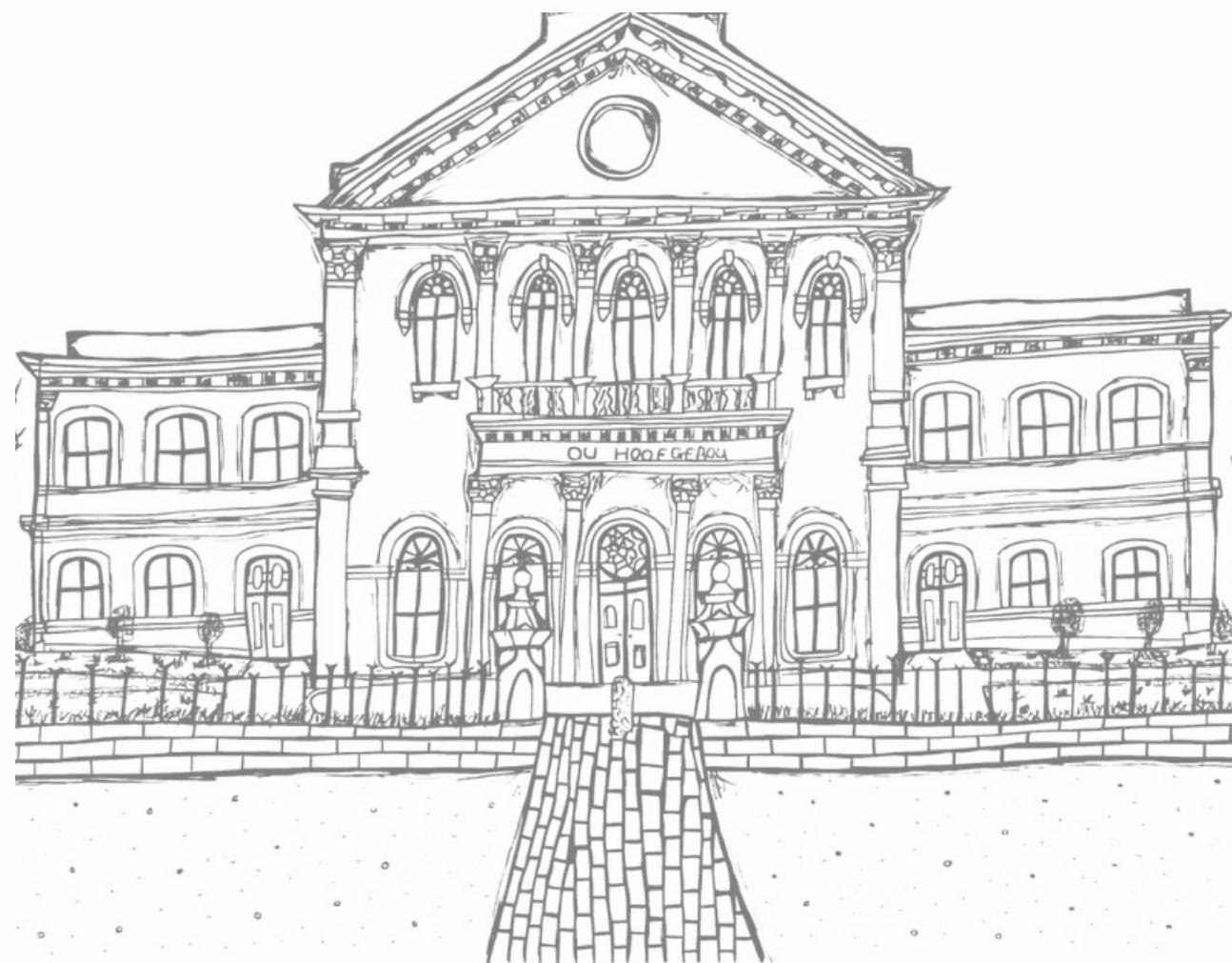
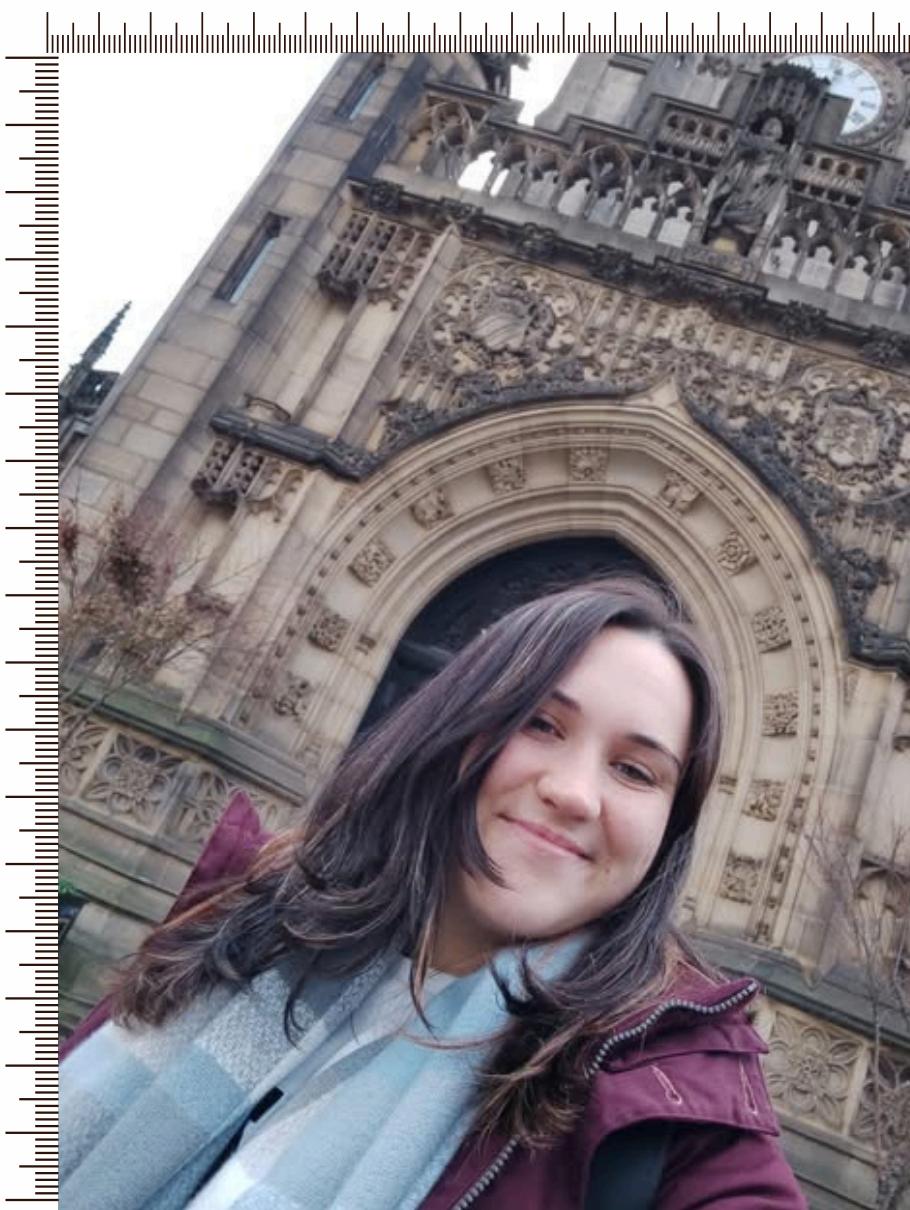


Portfolio



Jenna-Leigh Henderson

Who am I?



Hello there!

My Name is Jenna-Leigh Henderson.

I'm a young draftswoman with a strong passion for technical drawings, design, and technology. I'm driven, hardworking, and enjoy collaborating with others just as much as working independently. I adapt easily to new challenges and technologies, always eager to learn and grow in my field. I hold international qualifications in AutoCAD, Inventor, and Revit, which have given me hands-on experience in creating detailed, precise, and innovative technical designs. My persistence, curiosity, and attention to detail push me to keep improving my skills and contribute meaningfully to every project I take on. I'm excited by opportunities that allow me to combine creativity with technical expertise and to keep developing in the ever-evolving world of design and technology.

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01 Outdoor Market Pavilion

02 High rise building

03 Nature Gallery with Cafe

04 HVAC system

01

Outdoor Market Pavilion

Date Created: August 2025

Location: Stellenbosch

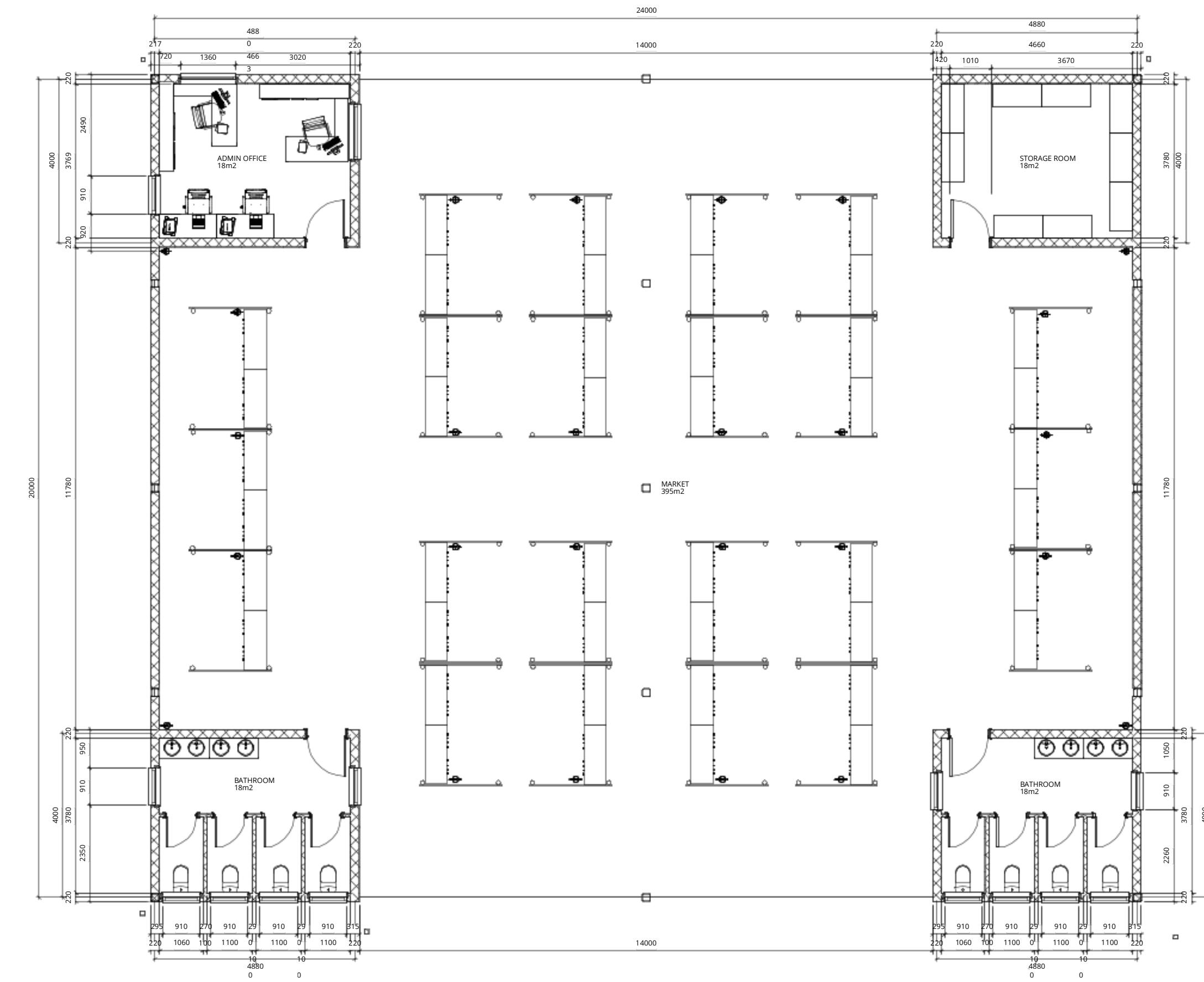
Programs Used: Revit & Twin motion

Description:

The project is a modern steel-framed community market pavilion designed for informal trading and public gatherings. It features a 24m x 20m open-span structure supported by steel columns and trusses, with masonry-built service rooms for administration, storage, and sanitation. The pavilion includes a lightweight metal roof, effective rainwater drainage, and durable concrete flooring for high foot traffic. Its design focuses on natural ventilation, daylighting, and user comfort, blending industrial steel aesthetics with local materials to create a functional and visually appealing public space.



01

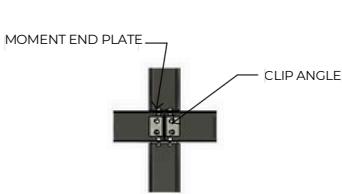


1 FLOOR PLAN
1:50

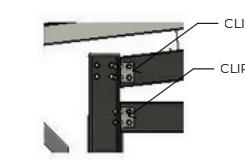
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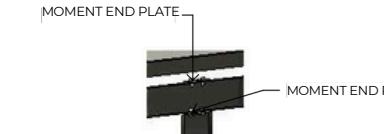
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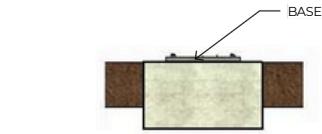
② Section 1 -Callout 1
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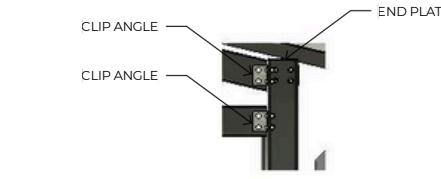
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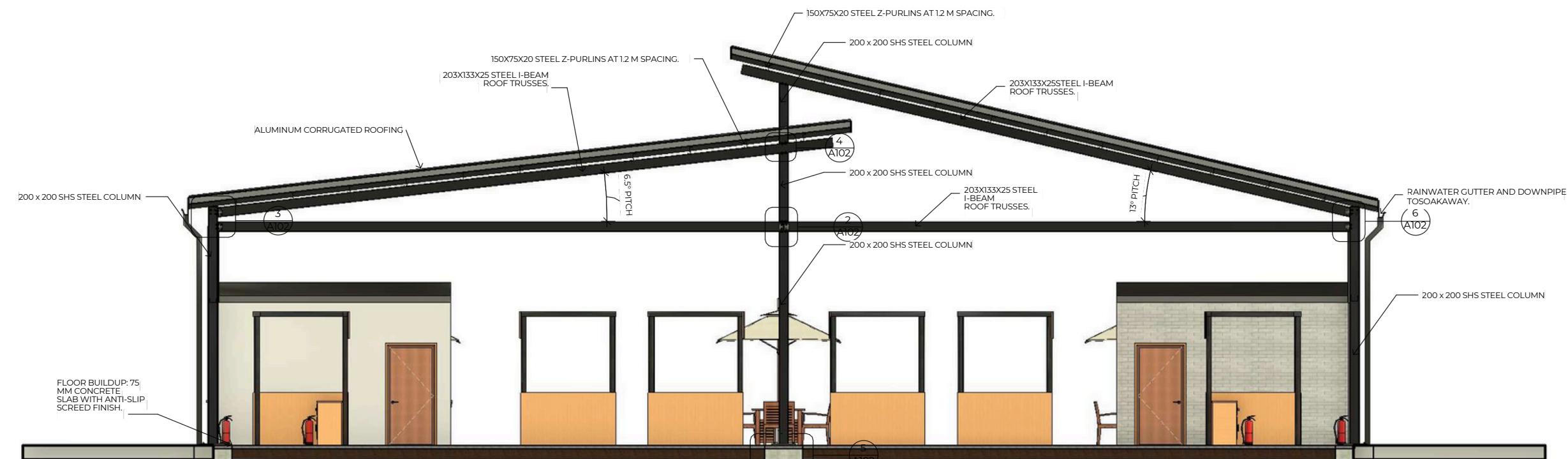
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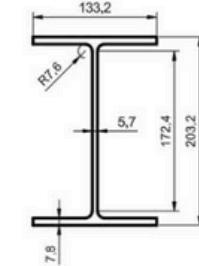
⑤ Section 1 -Callout 4
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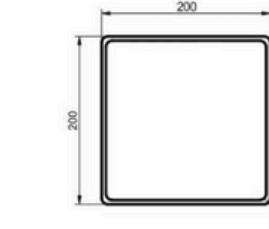
⑥ Section 1 -Callout 5
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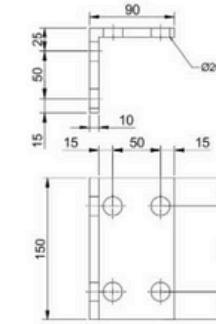
① Section 1
1:50



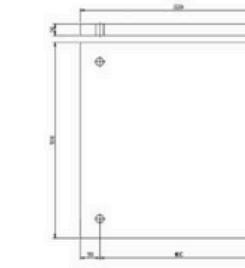
203x103x25 I-BEAM
CROSS SECTION



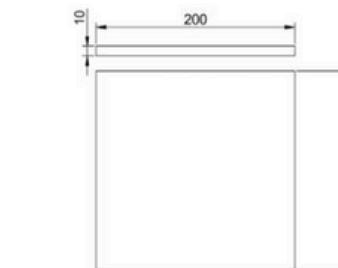
200x200 SHS
CROSS SECTION



BASE PLATE
DIMENSIONS



MOMENT END PLATE
DIMENSIONS



END PLATE
DIMENSIONS

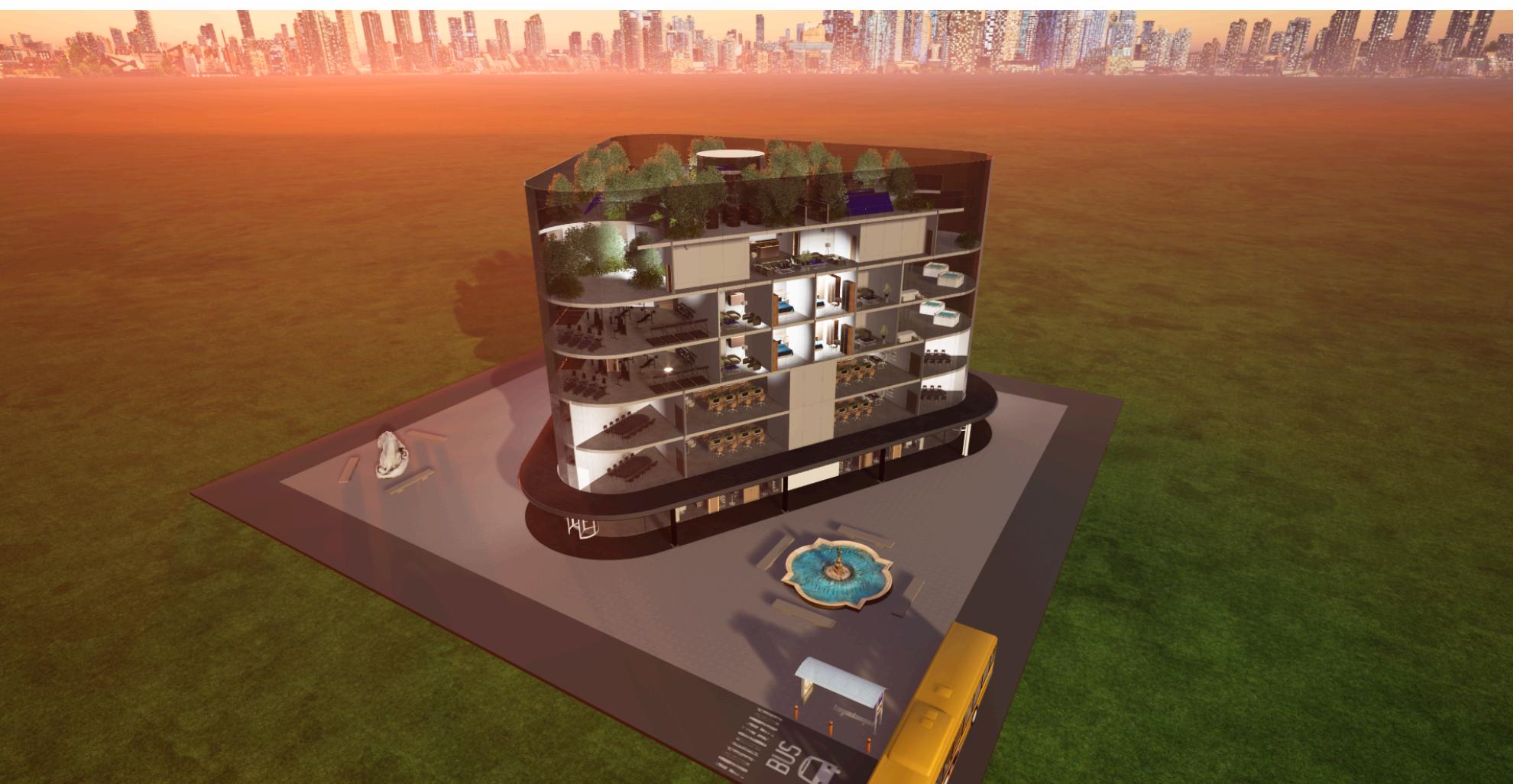
02 High-Rise Building

Date: September 2025

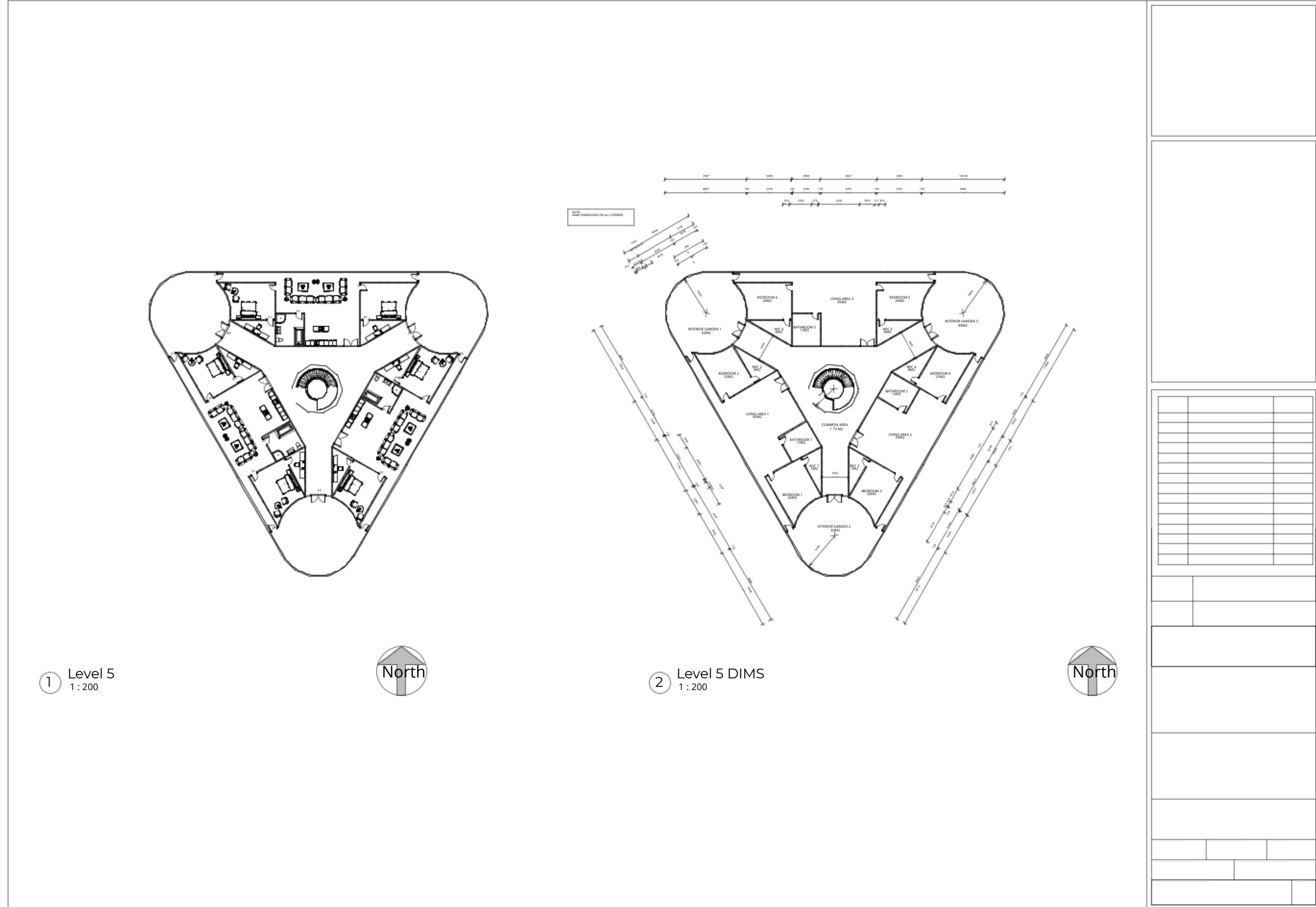
Program: Revit & Twin motion

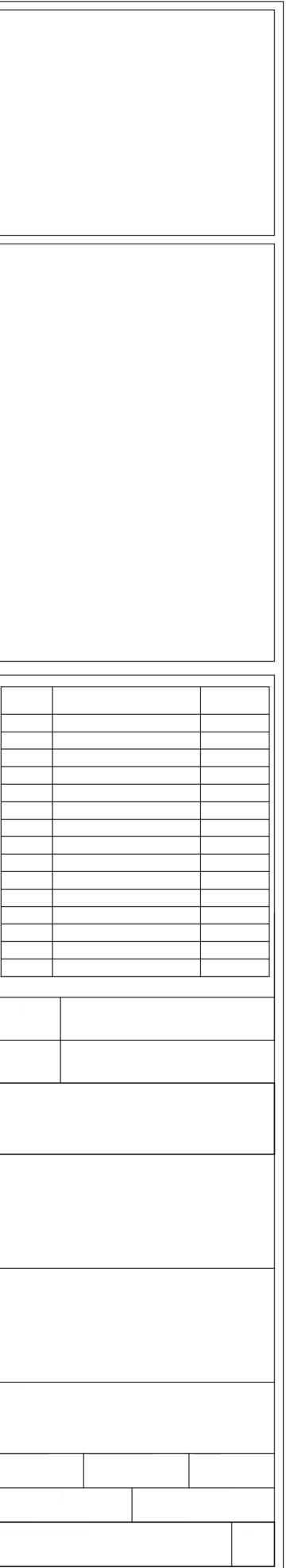
Description:

The project is a smart, sustainable high-rise building designed for future-ready urban living. Rising between 25m, the mixed-use structure combines residential units, shared workspaces, and communal leisure areas. The design integrates smart technologies, energy-efficient systems, and green features such as solar panels, vertical gardens, and passive ventilation. It promotes modern, connected, and eco-conscious urban lifestyles through innovative architecture and digital integration.

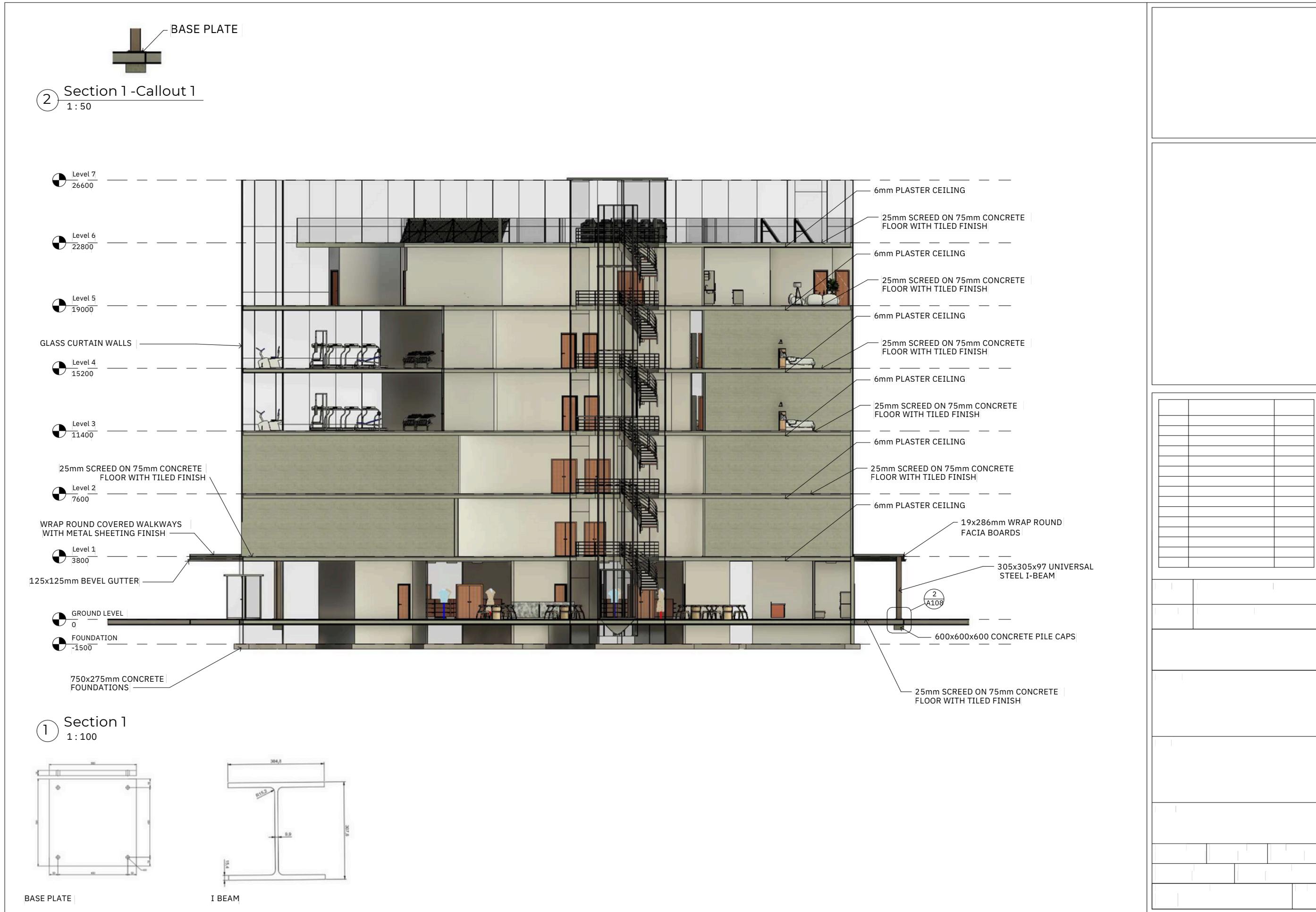


02





02



03 Nature Gallery with Cafe

Date: August 2025

Location: Knysna

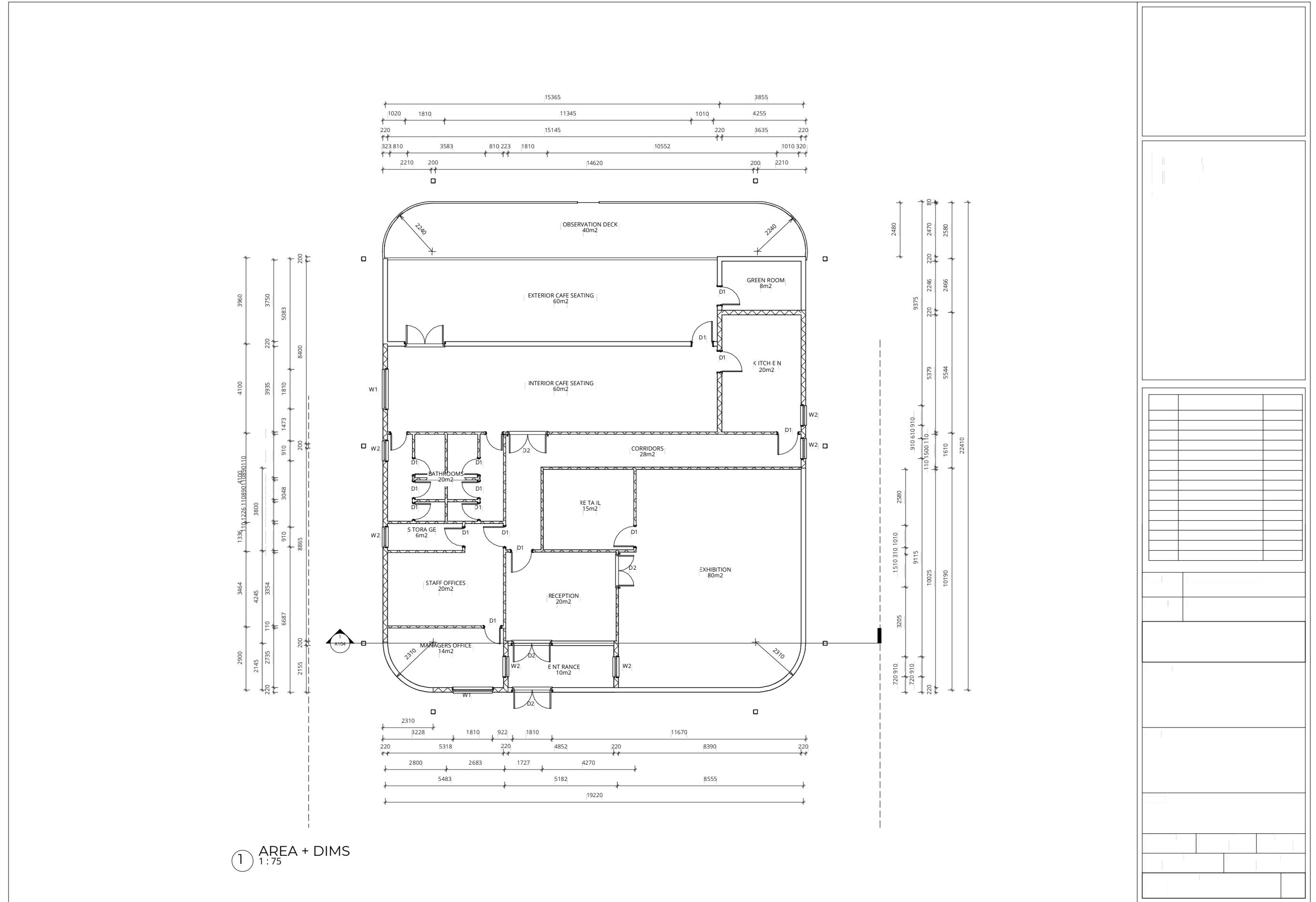
Program: Revit & Twin Motion

Description

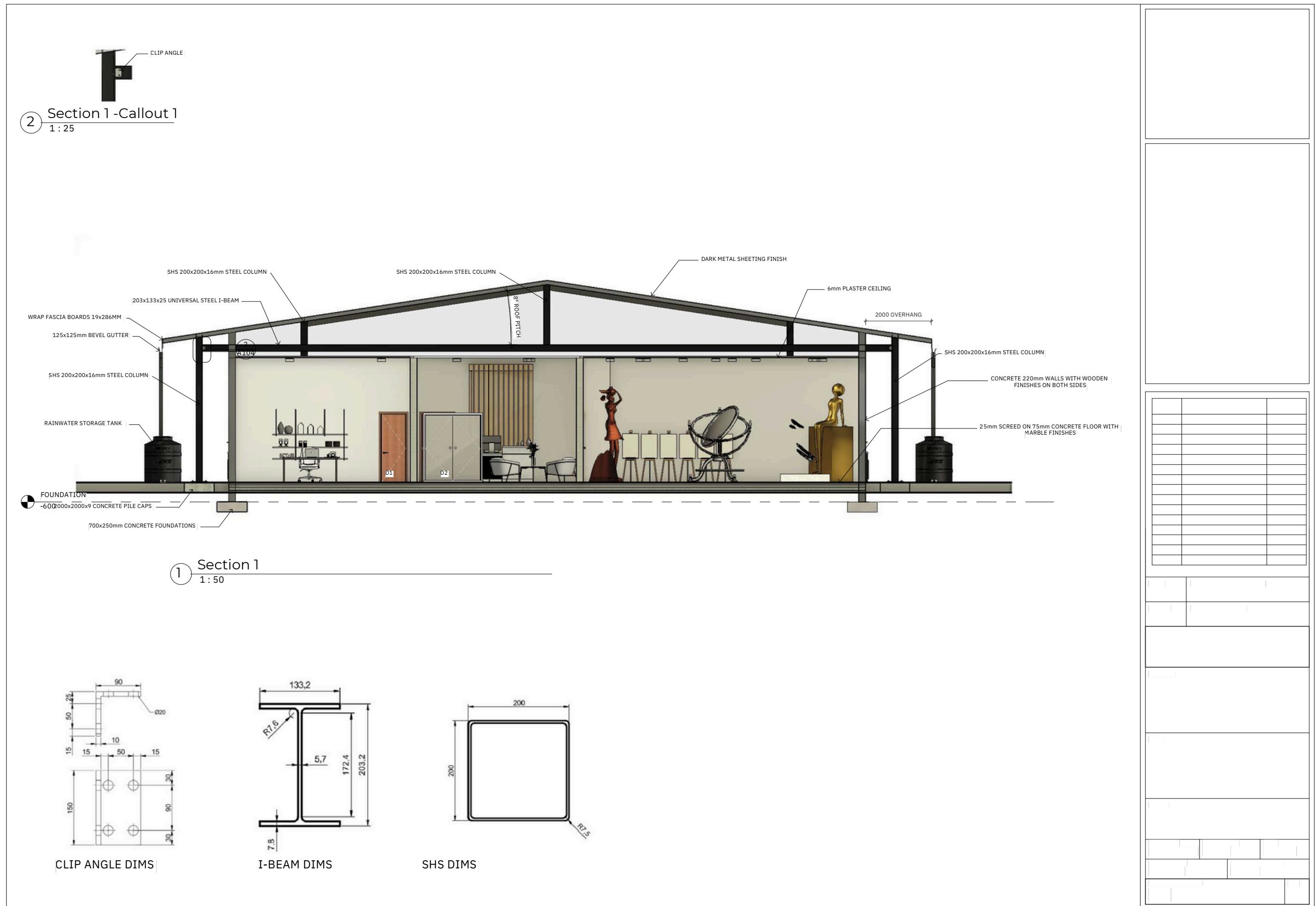
The project is a modern Eco-Lodge Visitor Centre located in the Featherbed Nature Reserve, Knysna. Designed to blend with its natural surroundings, it features steel and timber construction, large glazed openings, and raised decks overlooking the lagoon. Sustainable features include rainwater harvesting, passive ventilation, and natural materials, creating a functional, eco-friendly, and visually engaging space for visitors.



03



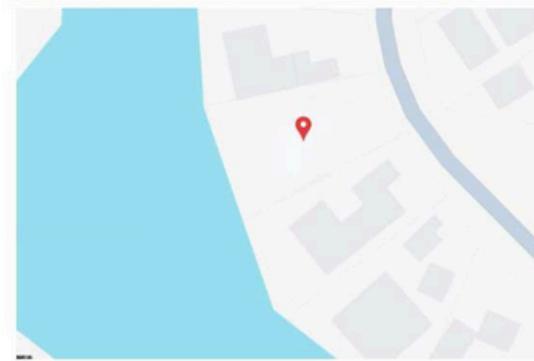
03



03



03

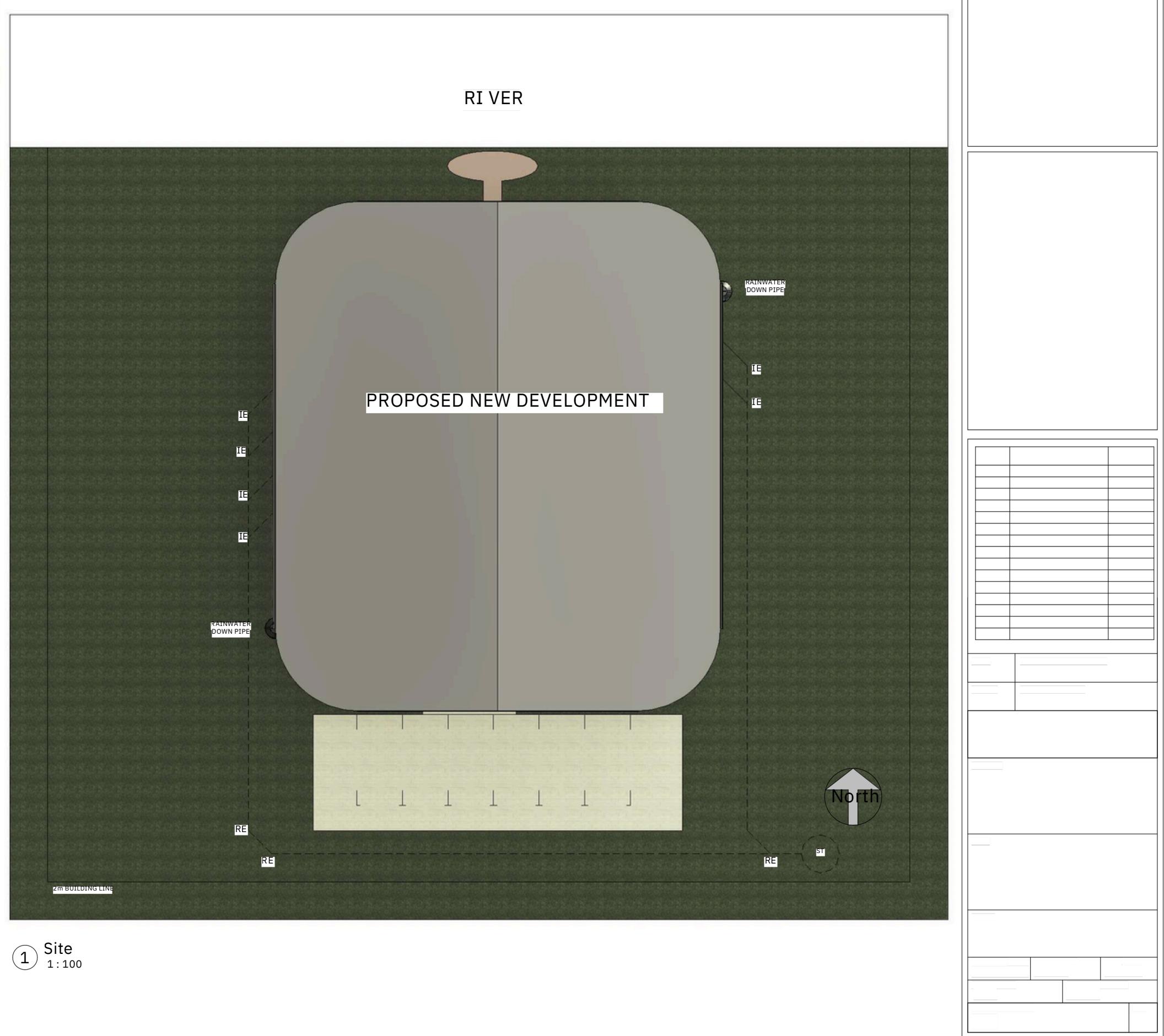


MAP IMAGING -NOT TO SCALE.

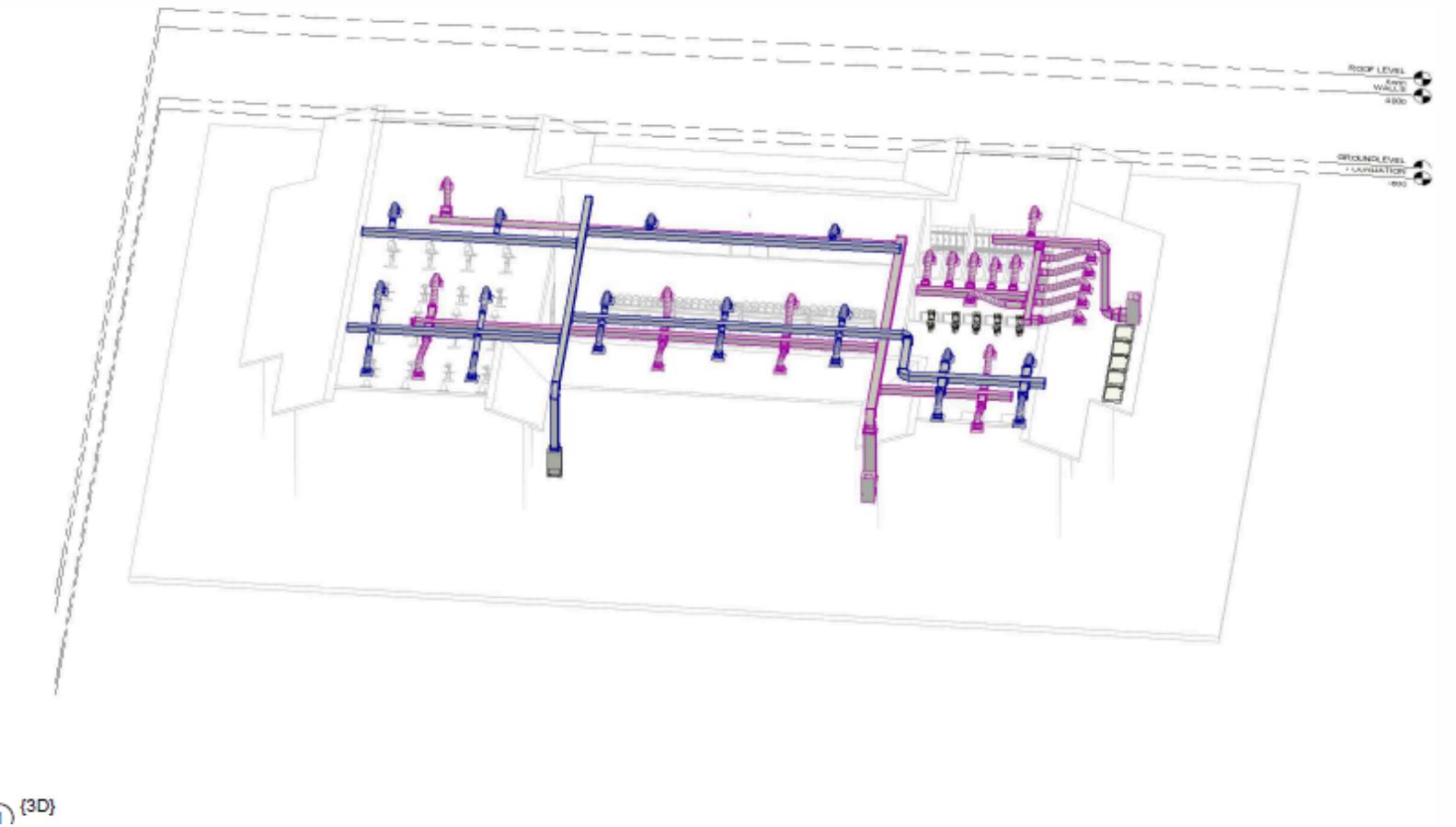
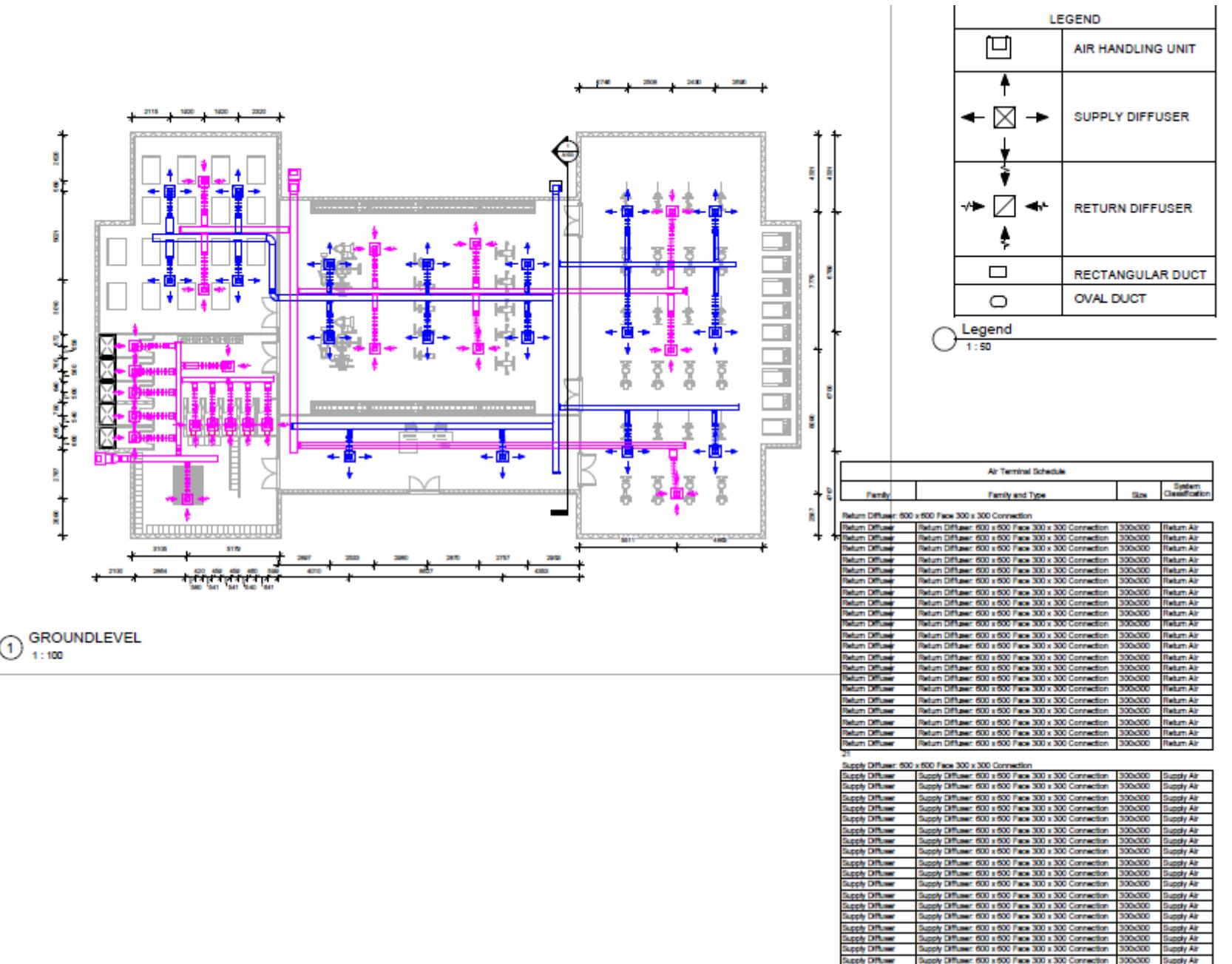
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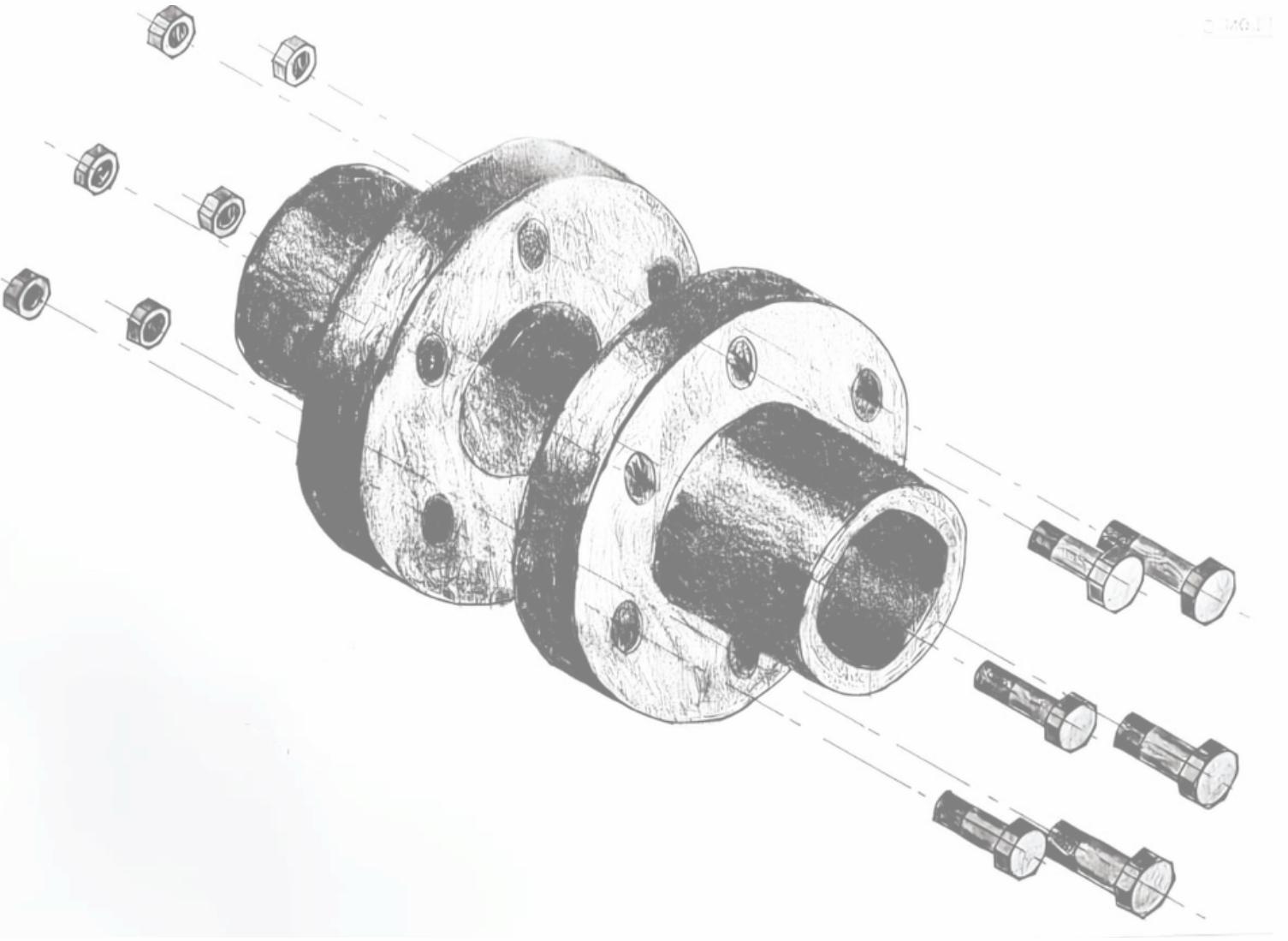
ALL SPECIFICATIONS ACCORDING
TO NBRS

① Site
1:100



04 HVAC





I look forward to hearing from you!

✉ jlhenderson2004@gmail.com