

INNOWELL ENGINEERING INTERNATIONAL PVT LTD

• BENGALURU • CHENNAI • SIVAKASI • HYDERABAD • DHAKA



INNOWELL

An ISO 9001: 2015, 14001:2015, 27001:2022, and 50001:2018 Certified Company

BIM Profile - Australian Projects

Inspired by Commitment. Powered by Passion.

OUR VISION

Innowell aspires to be a global leader for innovative solutions to its customers through passionate professionals

Core Values:

Integrity | Customer Excellence | People |
Learning | Innovative

MISSION



Develop

Nurture young talents



Empower

Empower talents with innovative process and standards



Care

Provide Challenging and joyful working Environment



Serve

Continuously explore client's needs and serve better



2013

22

Members



2018

44

Members



2025

200+

Members

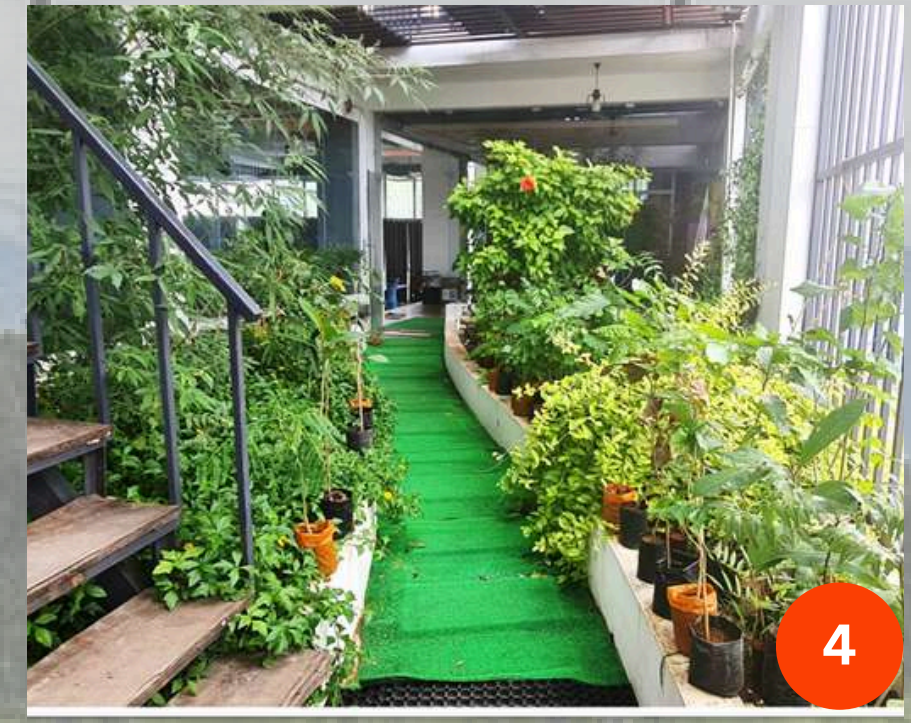
Innowell received LEED Proven Provider recognition from GBCI for continuously delivering excellent and efficient Sustainable Design Practices



Our Village office

in Maraneri, Sivakasi,
Tamilnadu, India

- 300% Efficient HVAC
- 200% Solar-Powered
- 100% Day-lighted
- 100% Views
- 55% Water Reuse
- 30% Roof Garden
- 39% Material Reuse



1. Solar Panel

2. Reused materials, ergonomic workstation.

3. Daylight design, hydration plants, aesthetic wall arts

4. Nature incorporated roof garden



Acoustical Quiet Zone



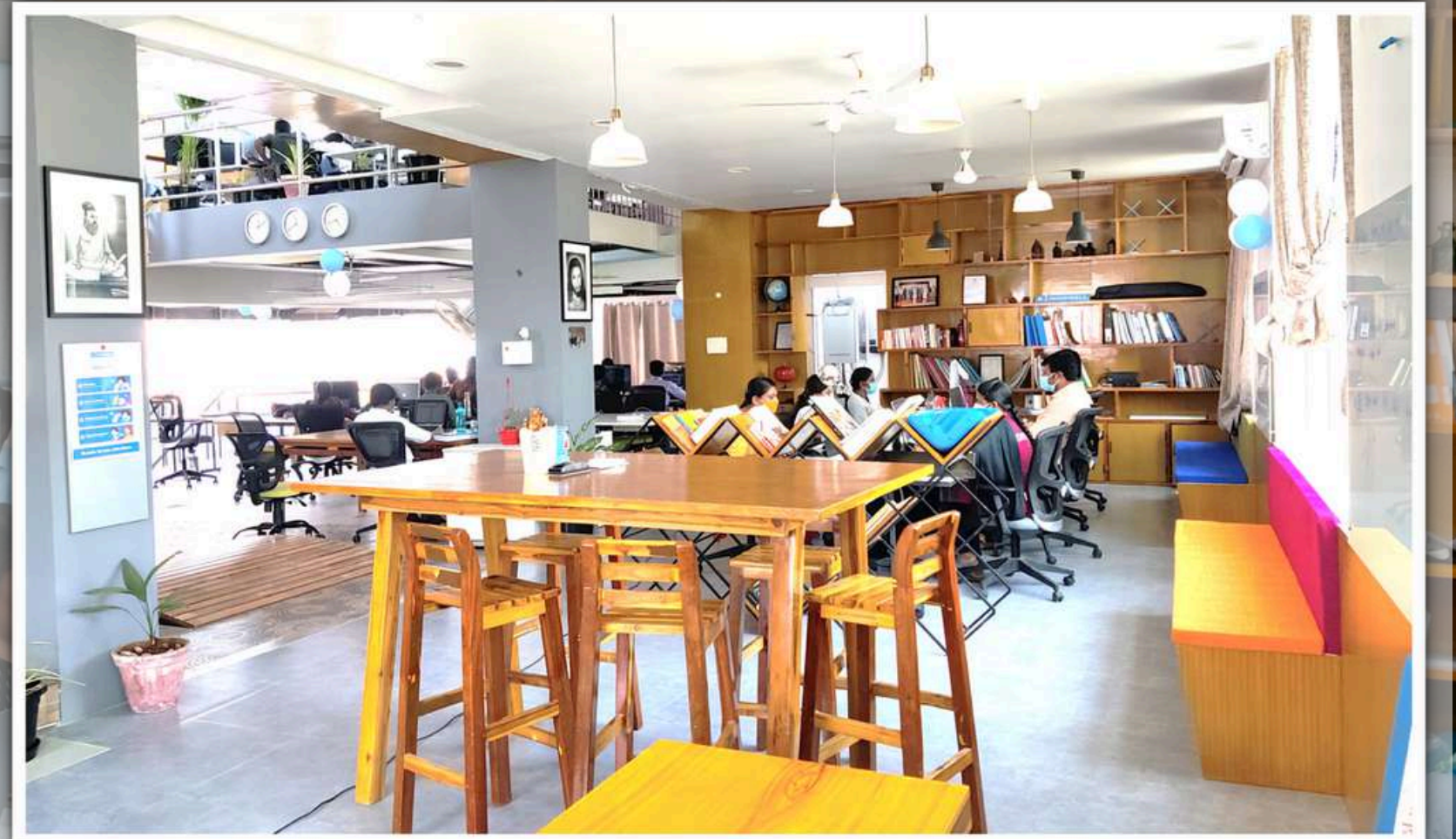
Aesthetic Stair



Proper Lightings



Stage for Celebration



Recycled wood furniture

Certified on



**Achieved certification under the ISO 9001:2015, 14001:2015,
27001:2022, 45001:2018, 50001:2018 standard for
Integrated Quality Management**

For our dedication to the
**Planet, People, and
Environment**



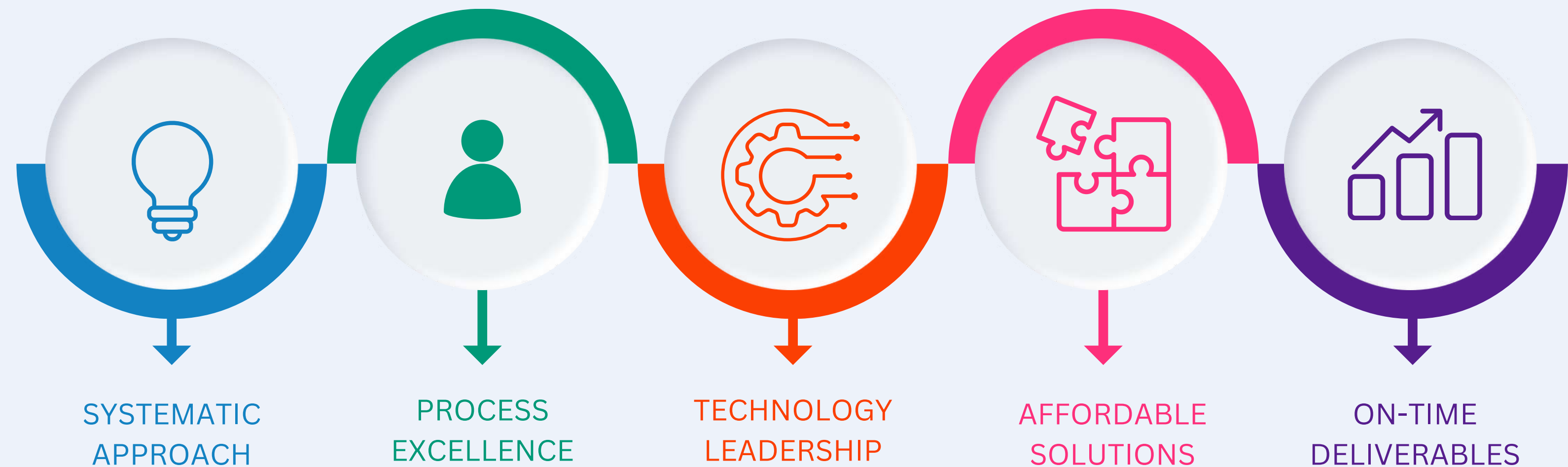
INNOWELL

THE WORLD'S HIGHEST LEED CERTIFIED

under v4.1 EB O&M Category



Why Innowell



What we do



MEP

- HVAC
- Electrical
- Plumbing & Utility Design
- Fire Protection System



BIM

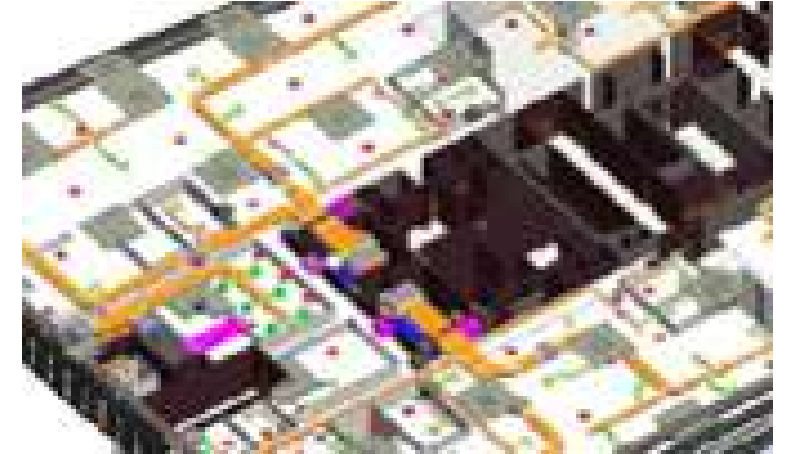
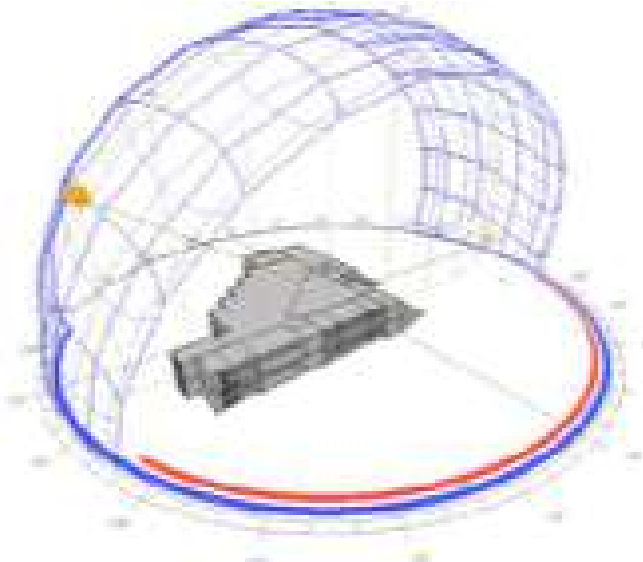
- BIM – MEP & Industrial Piping
- BIM – C&ID
- BIM – Consultancy



Sustainability

- LEED
- IGBC
- GRIHA
- WELL
- Carbon Reduction Programme
- Energy Audit

How we do



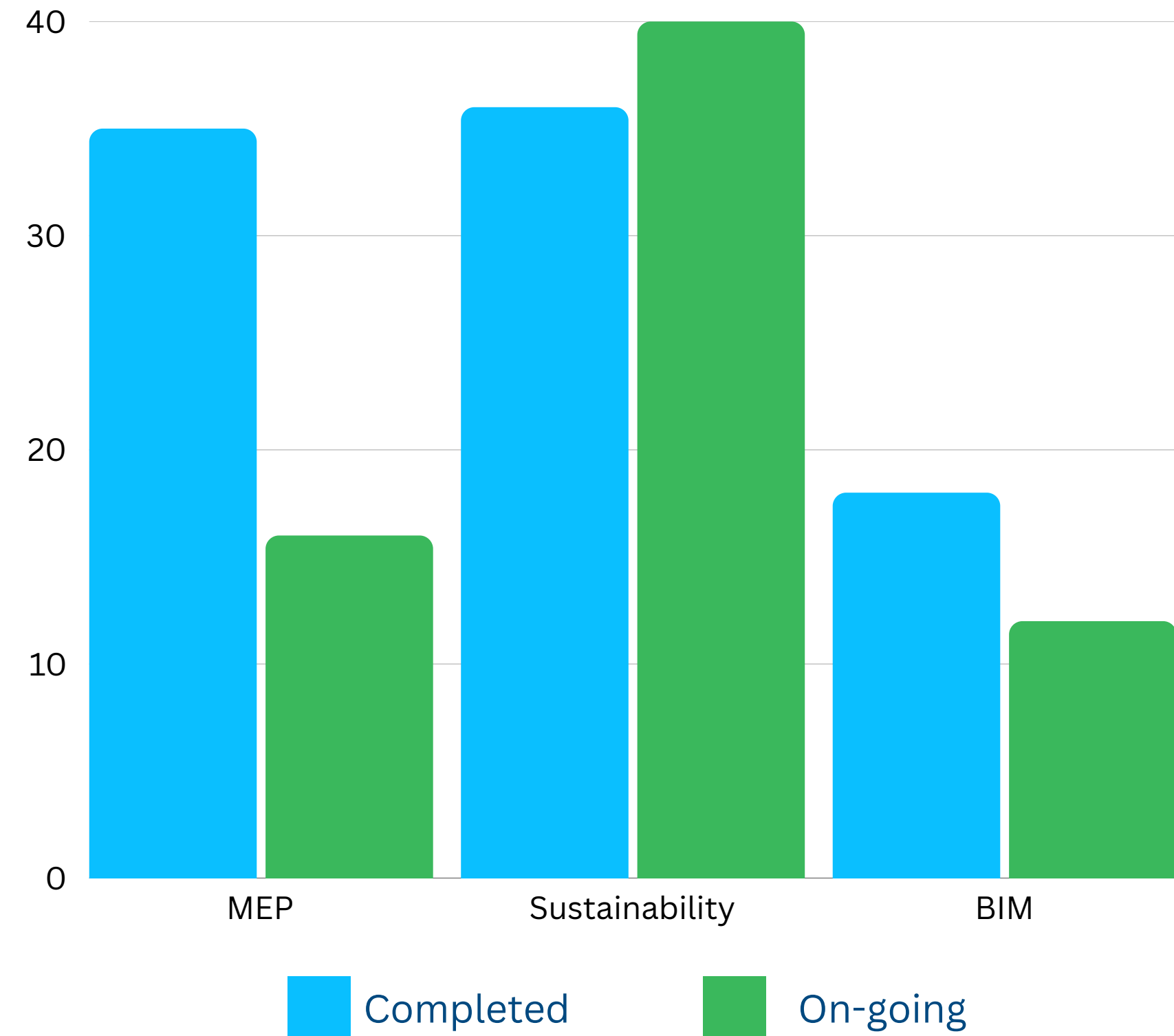


Our Market Segments

- Commercial Buildings
- Office Fit-outs
- Data centres and Labs
- Hospitals
- Industries
 - Electronic Industries
 - Tyre Factories
 - Bottling Factories
 - Chocolate Factories
 - Textile and Garment Factories
- Clean room Applications

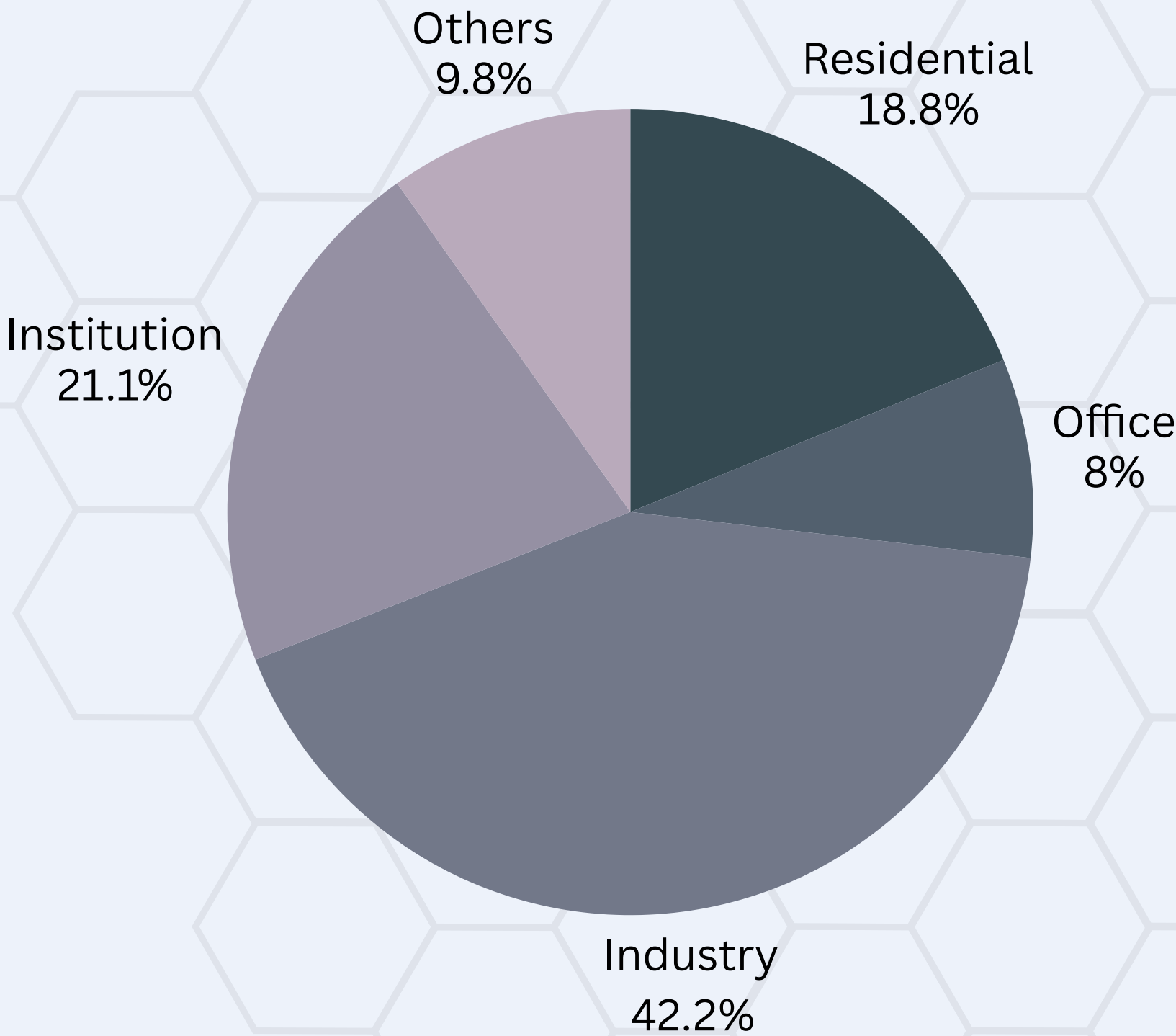
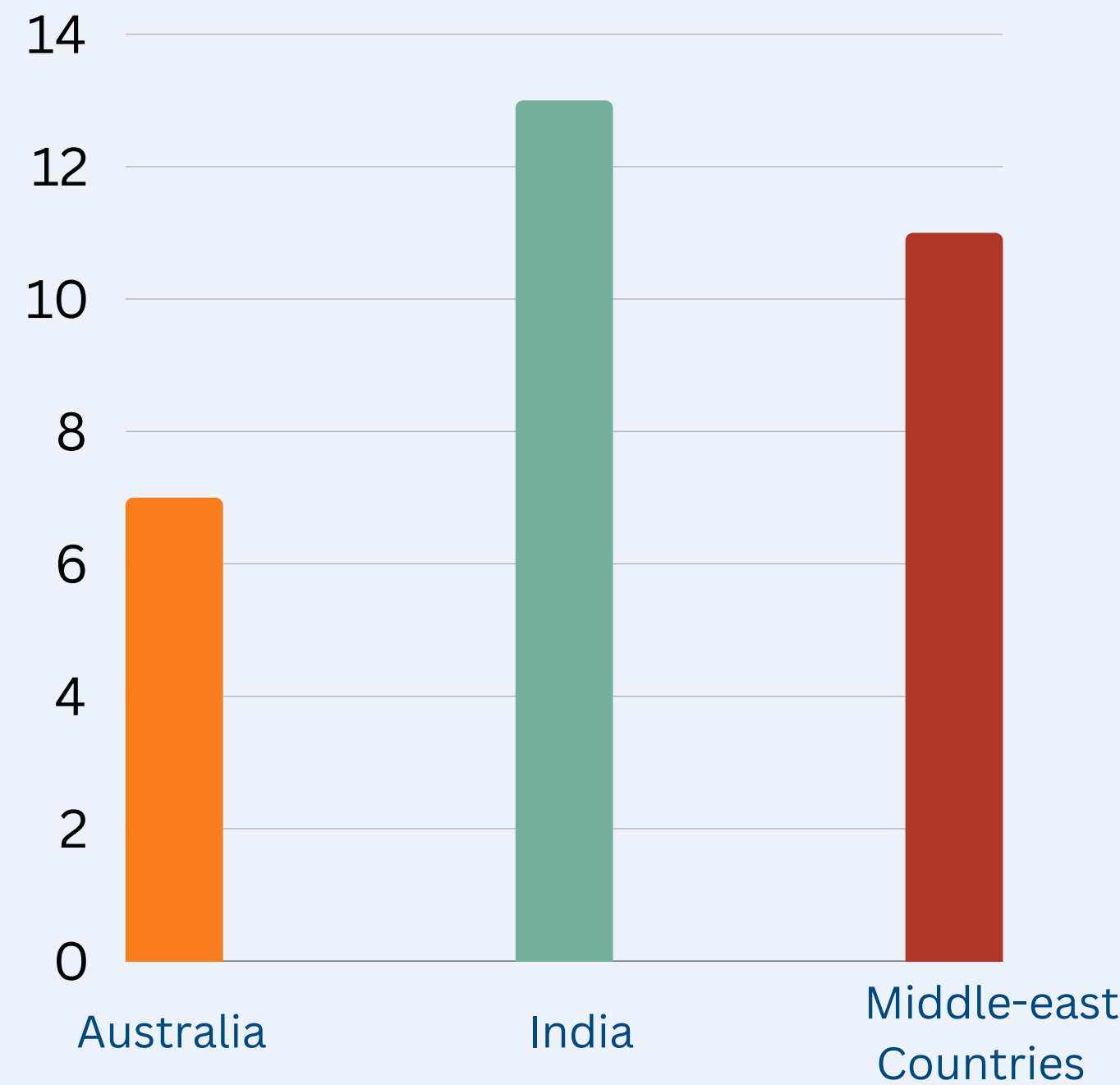
Project Accomplishment

Project Size
in Mn SFT



Project Accomplishment

Project Size
in Mn SFT



Leadership Profile



Gunasekaran

Director

LEED AP, WELL AP, WELL PTA



Sengathir Selvan

Director

Certified Data Centre Specialist
Certified Cleanroom professional



Sankareswari

Director



Samuel

Associate Director



Regobert

Associate Director

IGBC AP



Pandidurai

Manager,
BIM

IGBC AP



Thalaiselvam

Manager,
Corporate Sustainability

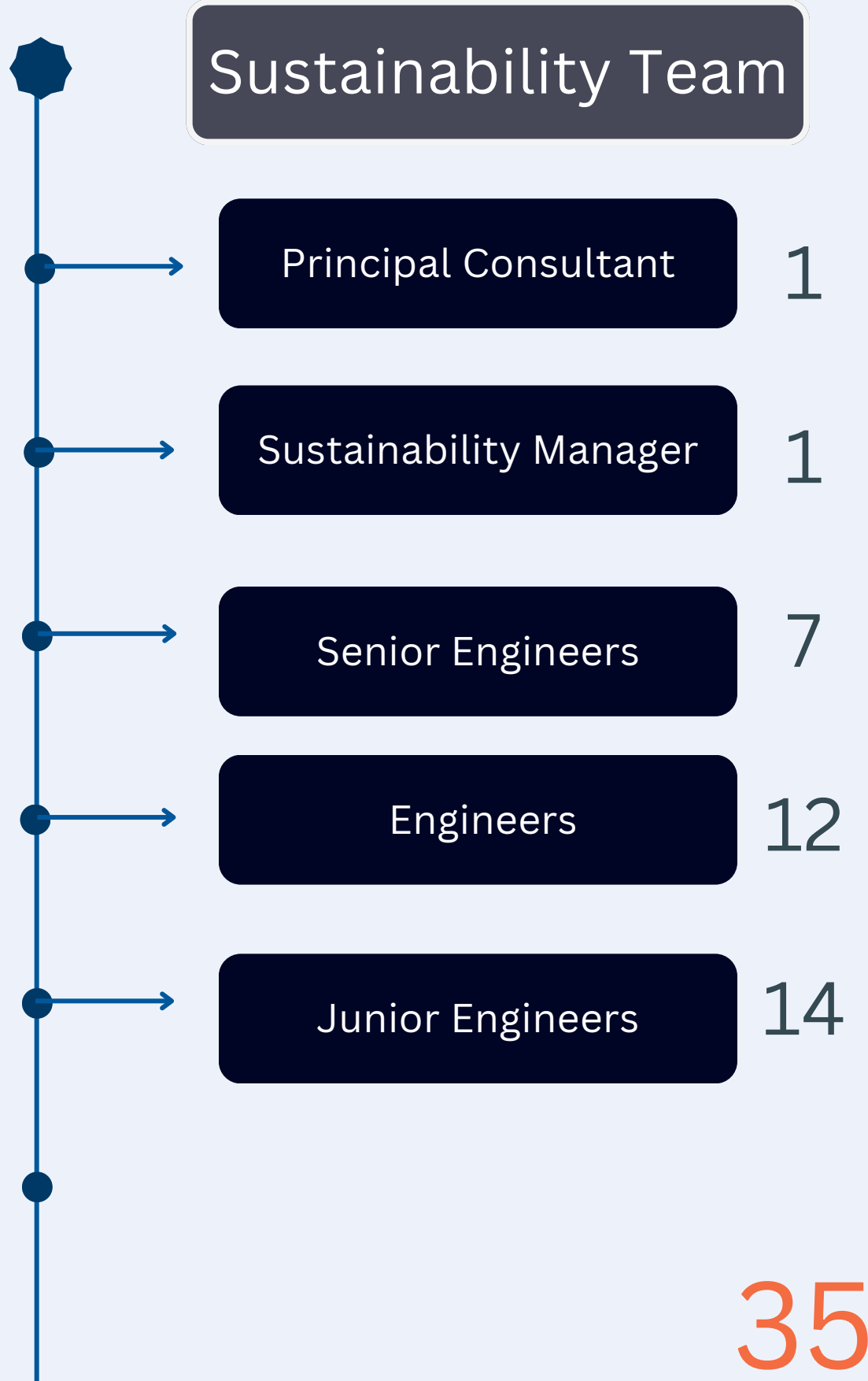
LEED AP, WELL AP,
IGBC AP, EDGE Expert,
TRUE Advisor,
GRIHA CP, LCA Specialist



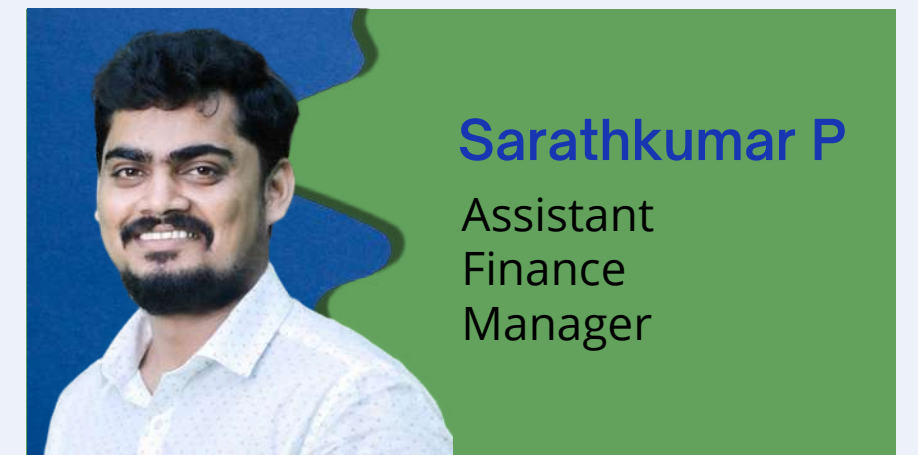
K.Kalliani

Principal Engineer -
Electrical

Our Team Strength



Rising Leaders





Building Information Modelling Services

BIM TRANSFORMATION / CONSULTANCY

ARCHITECTURE MODELLING, DRAFTING & DETAILING LOD 100-400

STRUCTURE MODELLING, DRAFTING & DETAILING LOD 100-400

INTERIOR DESIGN SERVICE MODELLING, DRAFTING & DETAILING LOD 100-400

MODEL BASED QUANTITY / MATERIAL TAKE-OFF

CAD / PDF TO BIM CONVERSION

SCAN TO BIM (POINT CLOUD MODELLING SERVICES)

ARCHITECTURE - AS-BUILD AS PER SITE UPDATE

ARCHITECTURE - AS-BUILD AS PER SITE UPDATE

BIM CONTENT (REVIT FAMILY) CREATION

CONCEPT MODELLING + WALK THROUGH VIDEO CREATION

INTERIOR / EXTERIOR MODELLING & RENDERING

VR (VIRTUAL REALITY) EMBEDDED BIM MODEL VISUALIZATION

ON-SITE / OFFSITE BIM STAFFING SERVICE

BIM TRAINING

We are familiar with

The software we utilising for our projects

Design Tools



Presentation Tools



Collaboration Tool



Documentation Management Platform



Our Work Flow/Approach



BIM Engineers, supported
by in-house MEP design experts

8 Years of BIM experience,
early adopter

Virtual Principal Consultants -
Online Quality Check platform

BIM execution plan
in our own online platform

Expertise in collaborating tools
(BIM 360, Revizto)

Detailed trainings manuals
for our staff

The screenshot displays the 'Eiyanthiran (Bot)' web application in a Safari browser. The interface is divided into a left sidebar and a main content area. The sidebar contains a logo, navigation links for 'TNPL CLO', 'TDS Review', 'Project Info', 'Deliverable Info', and 'Check Points Info', a circular progress chart showing '33%' completion, and sections for 'Submission', 'Review Info', and 'Approval'. The main content area features the title 'Eiyanthiran (Bot)' in large orange text, a 'Created Date: 20 Jul 20' and 'Status: Not Submitted' indicator, and a 'Check Points Info' table. This table lists nine specific checks related to vendor compliance and technical specifications, each with a status indicator (Y, N, or N/A) and a 'Remarks' field. The browser's address bar shows the URL 'virtualprincipal.innowellappstore.com/projectview/NWYxNTM2YjE3NjI2NGMxMfdmNjgwNzI1VE5QTC80bE8y/NWYxNTZmNjg4Yz...', and the macOS dock is visible at the bottom.

Check Points Info	Status	Remarks
1. Check if the vendor has submitted compliance sheet ?	N/A	
2. Check if the proposed make is acceptable as per tender?	N/A	
3. Check if the vendor has spelt out all technical deviations?	N/A	
4. Check if the compliance sheet has got correct BOQ item number, for which the submittal is made.	N/A	
5. Check if the compliance sheet is prepared for the relevant project?	N/A	
6. Check if the cooling tower type is per tender/ design requirement?	N/A	
7. Check if the capacities of cooling tower flow rate match with BOQ?	N/A	
8. Check if over-all dimensions of cooling tower, match with already completed cooling tower space planning	N/A	
9. Check if the fan material is provided as per tender.	N/A	

BIM Models

HVAC Model



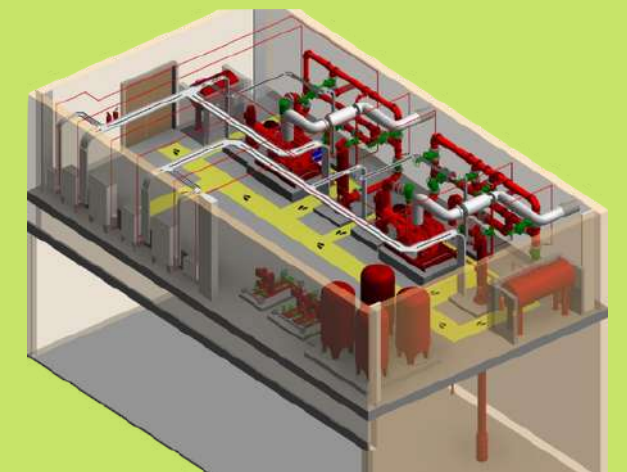
Electrical Model



Architecture Model



Plumbing & Fire
Evacuation Model



A map of Australia is shown with numerous colorful pushpins (red, blue, yellow, green, orange) marking various locations across the country. The pushpins are scattered across the map, with a higher concentration in the eastern and southern regions. The map includes labels for major cities like Sydney, Melbourne, and Perth, as well as geographical features like the Great Victoria Desert and the Nullarbor Plain. The word 'AUSTRALIA' is prominently displayed in the center of the map. Overlaid on the map is the text 'AUSTRALIAN PROJECTS' in a bold, dark blue, sans-serif font.

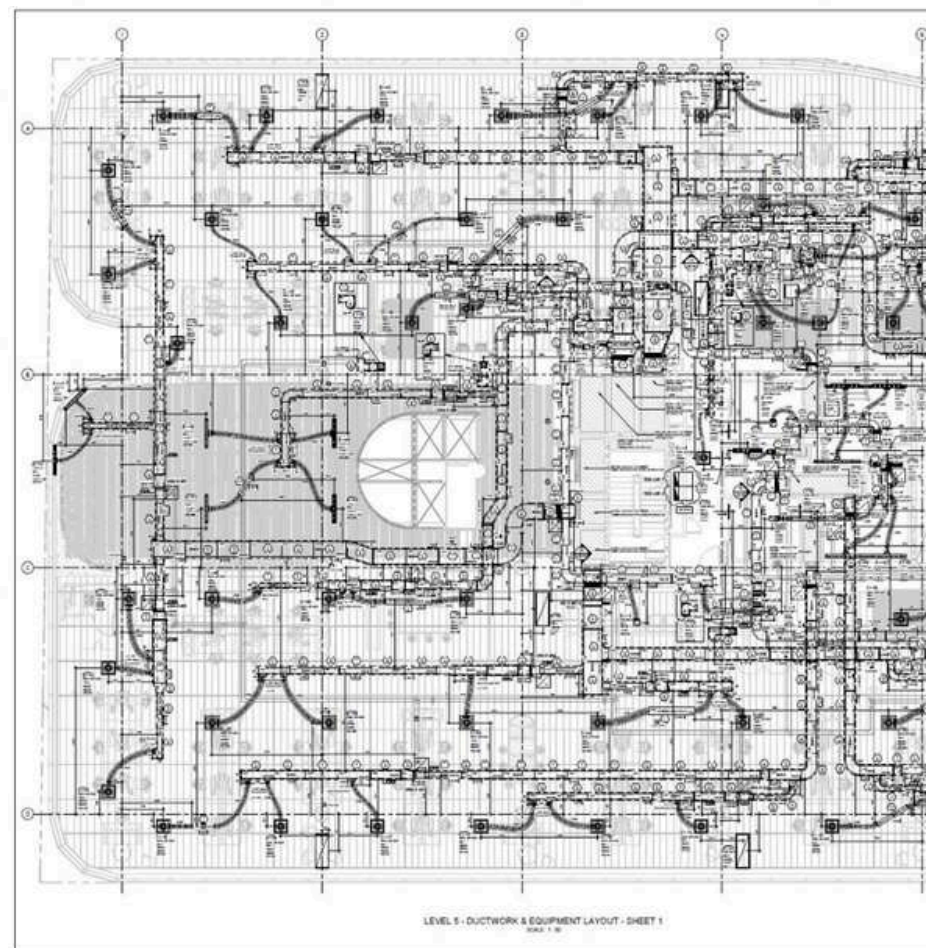
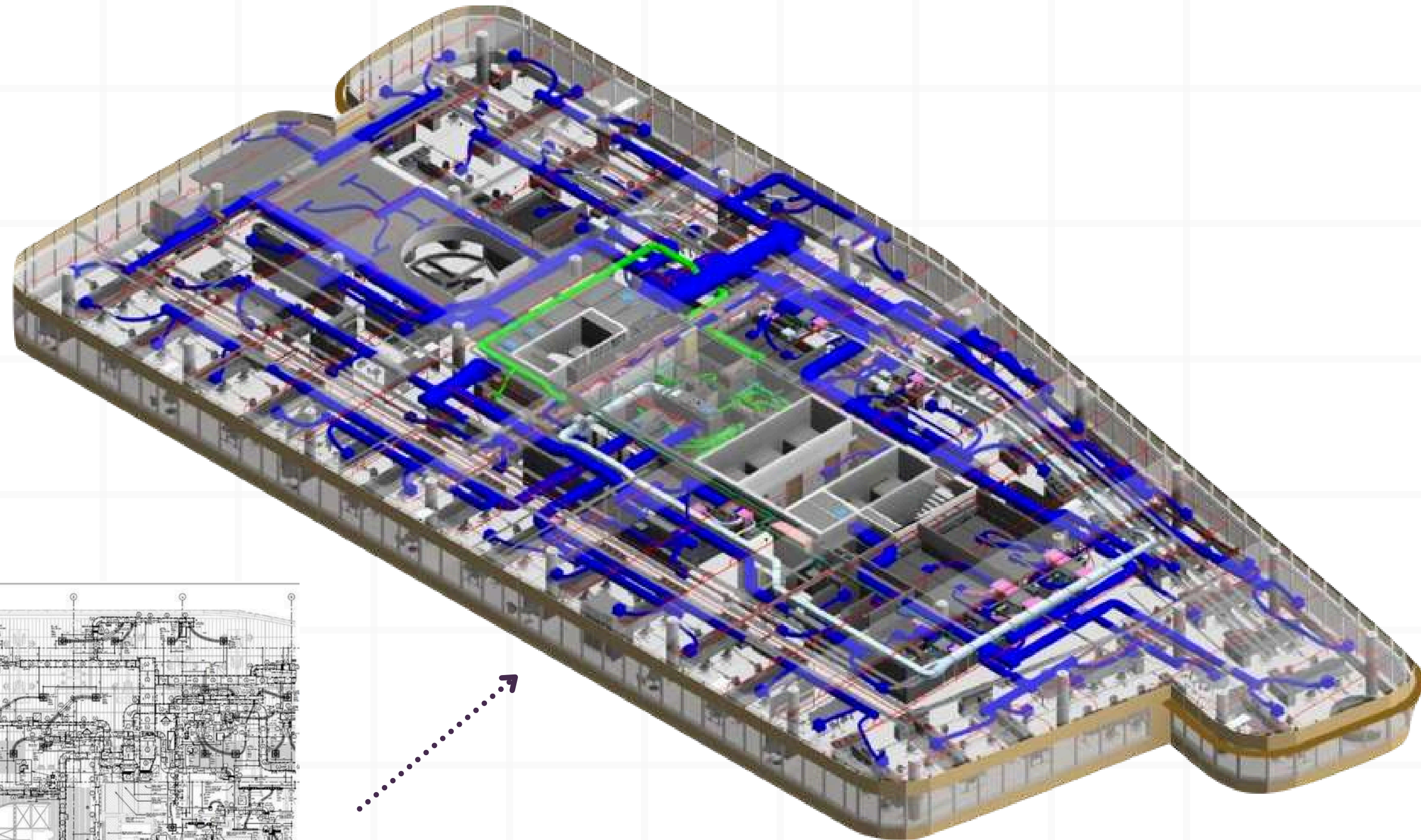
AUSTRALIAN PROJECTS

East Co Development AZ

Office Building
5,00,000 SFT

Scope of work:

DUCT WORK-LOD400
(FABRICATION)

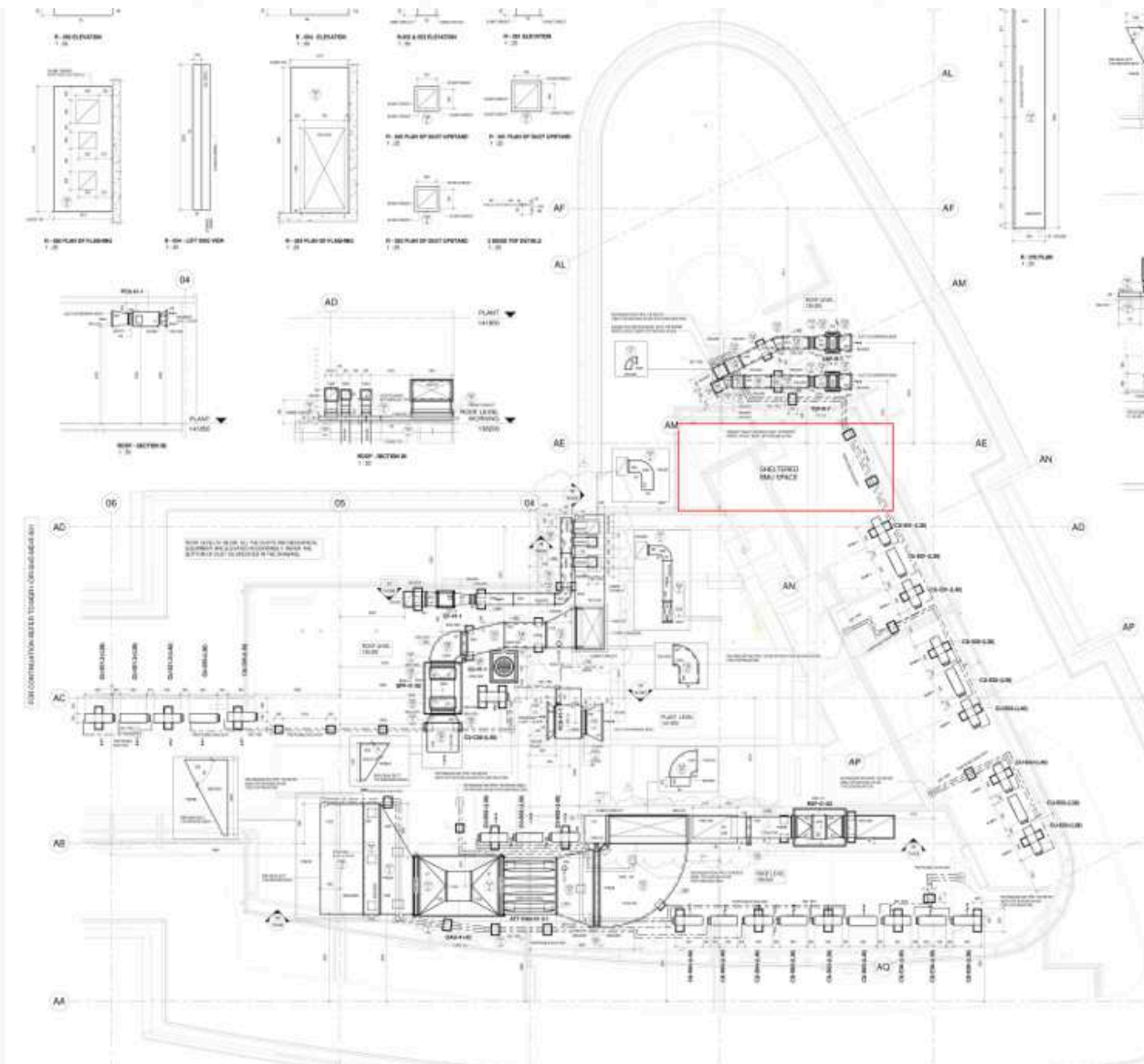
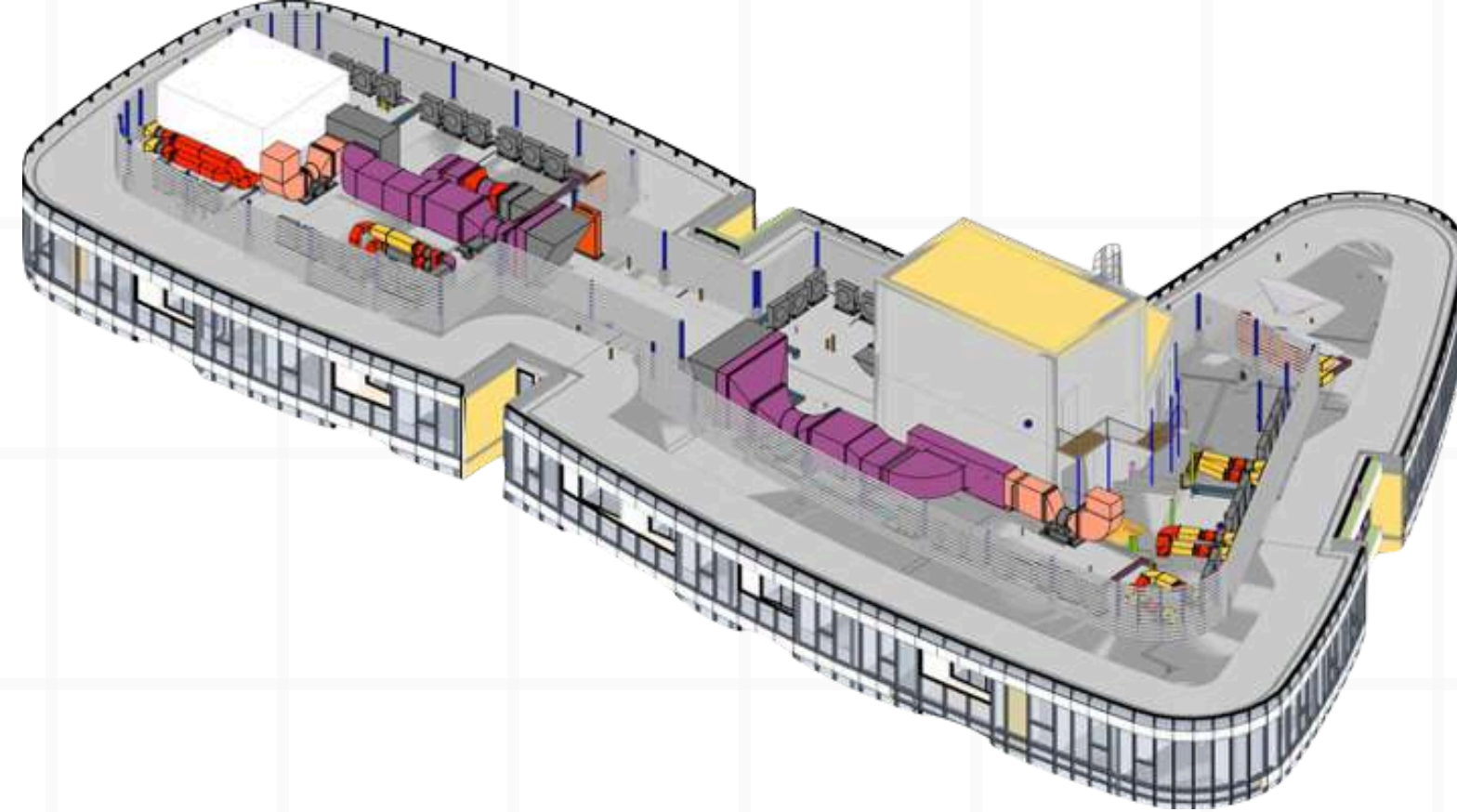


Duct work sample

Project Type:
Residential Building

Scope of work:

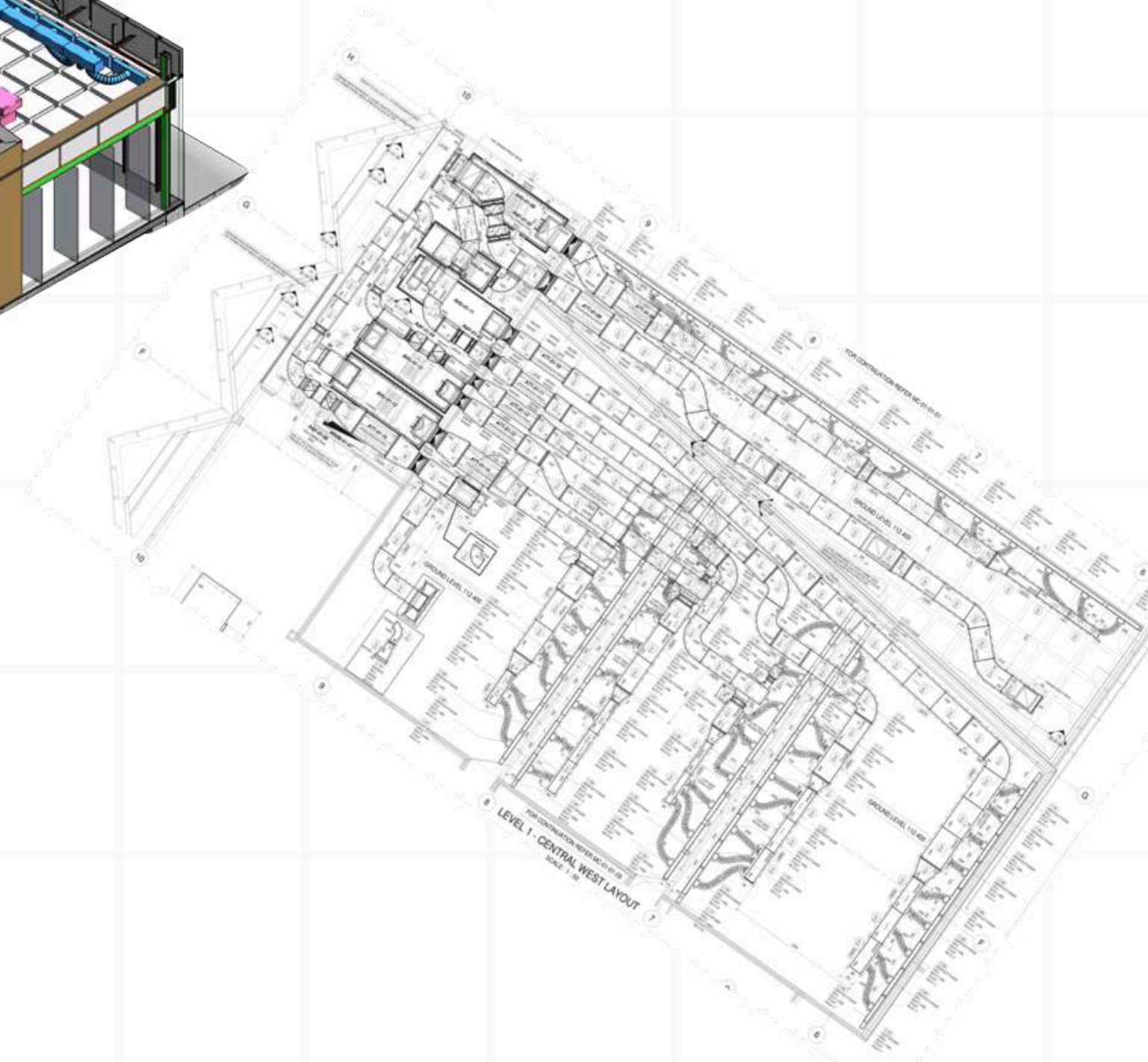
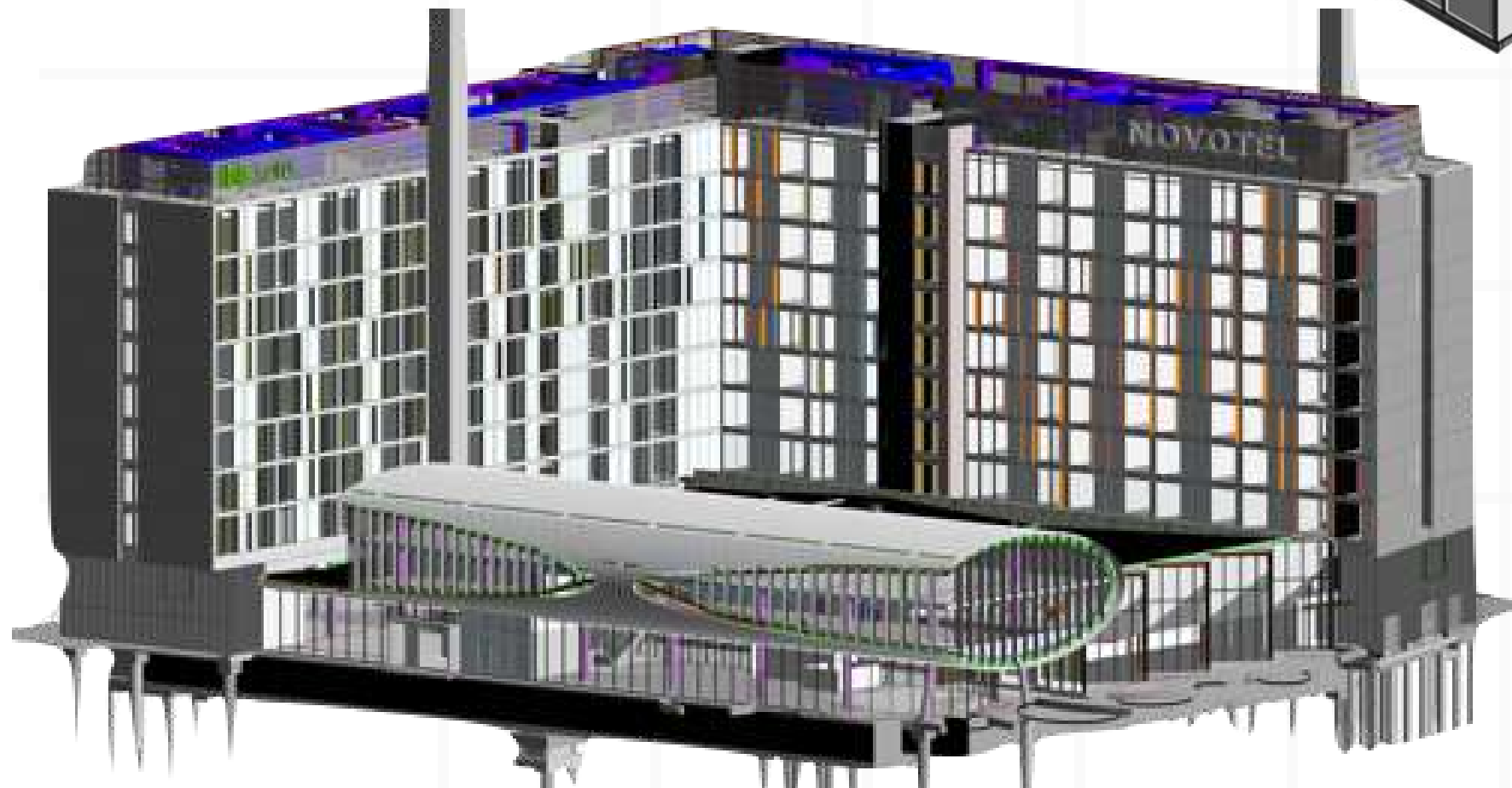
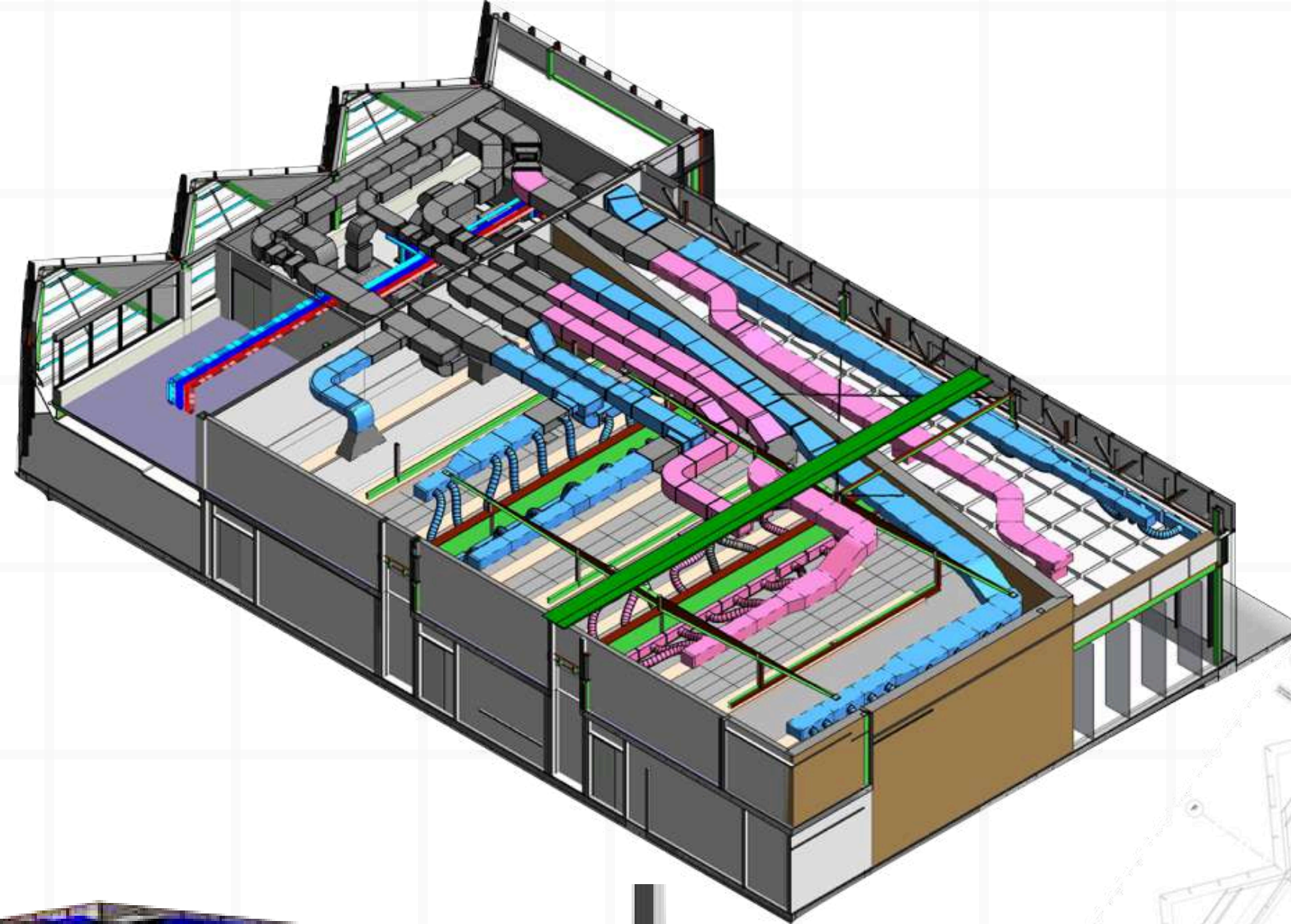
DUCT WORK-LOD400
(FABRICATION)



Project Type:
Hotel Building

Scope of work:

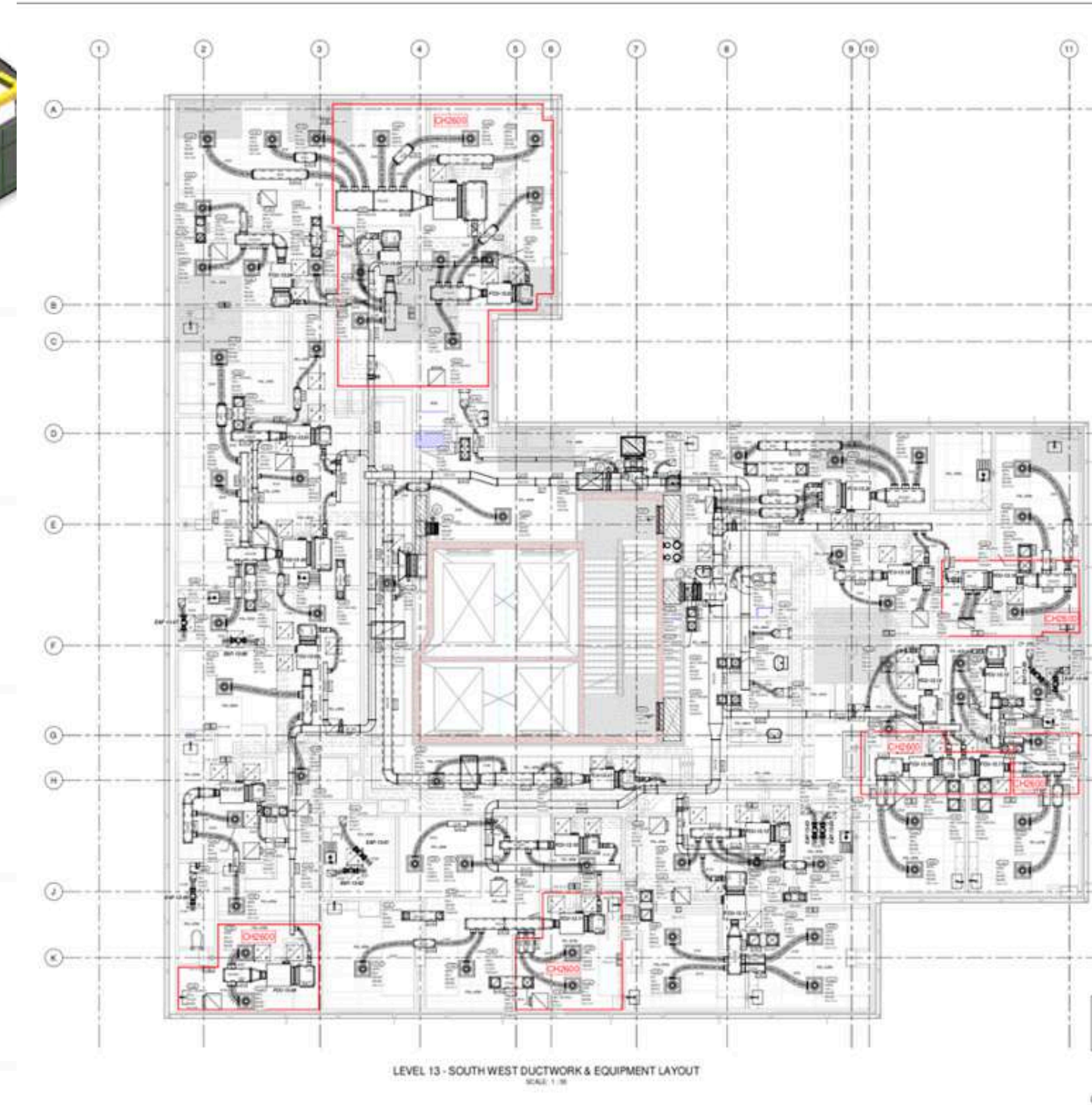
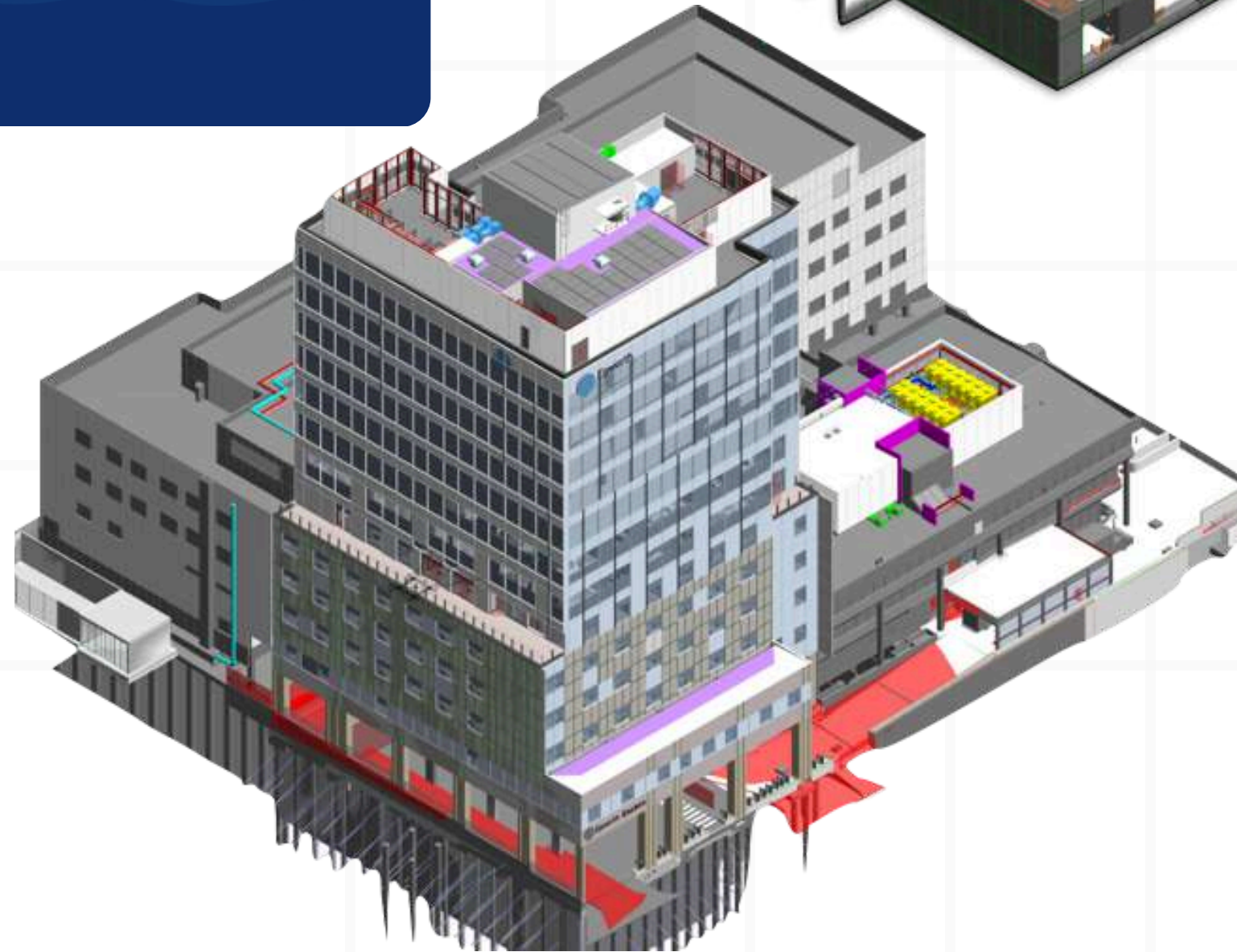
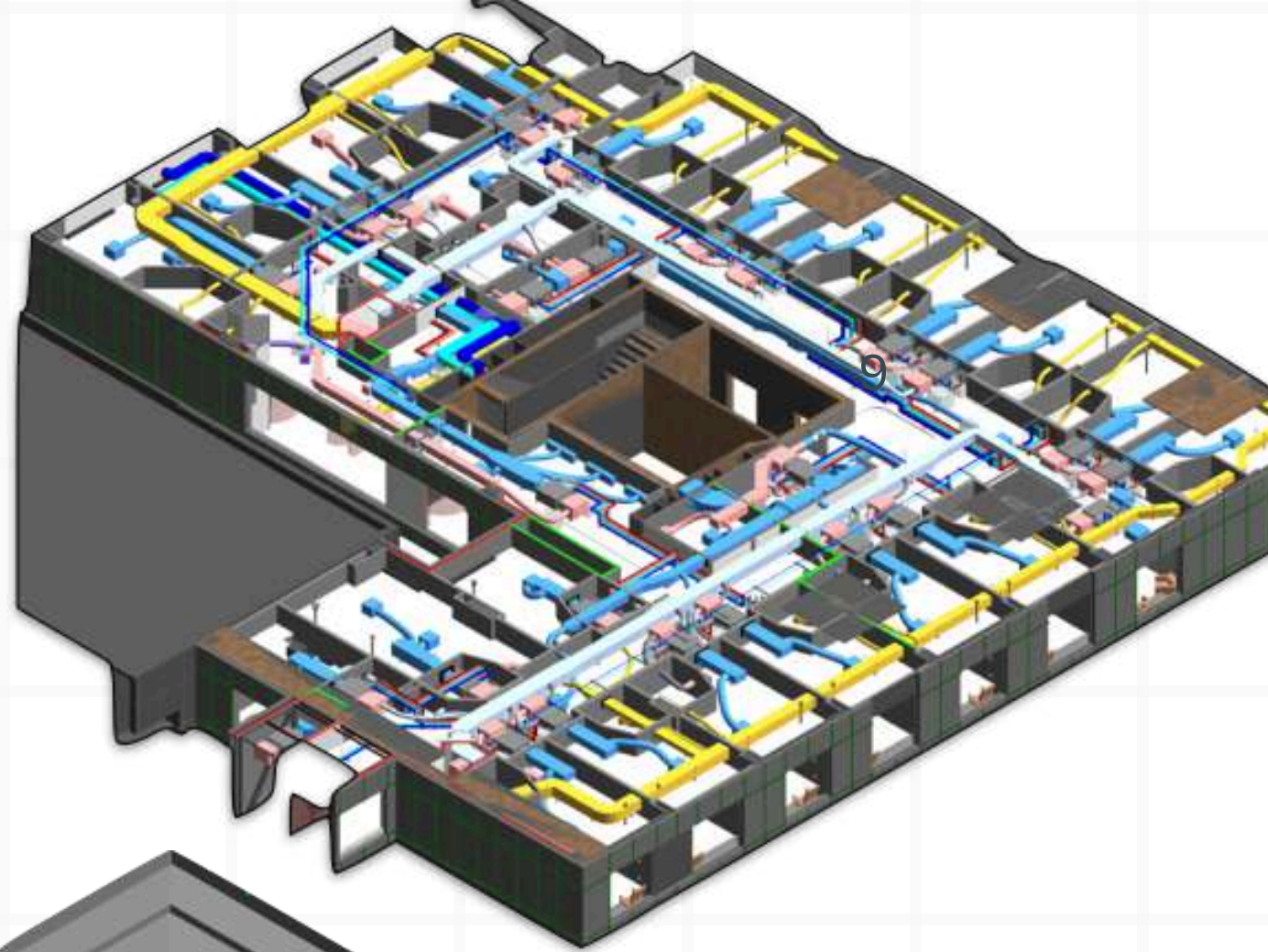
DUCT WORK-LOD400
(FABRICATION)

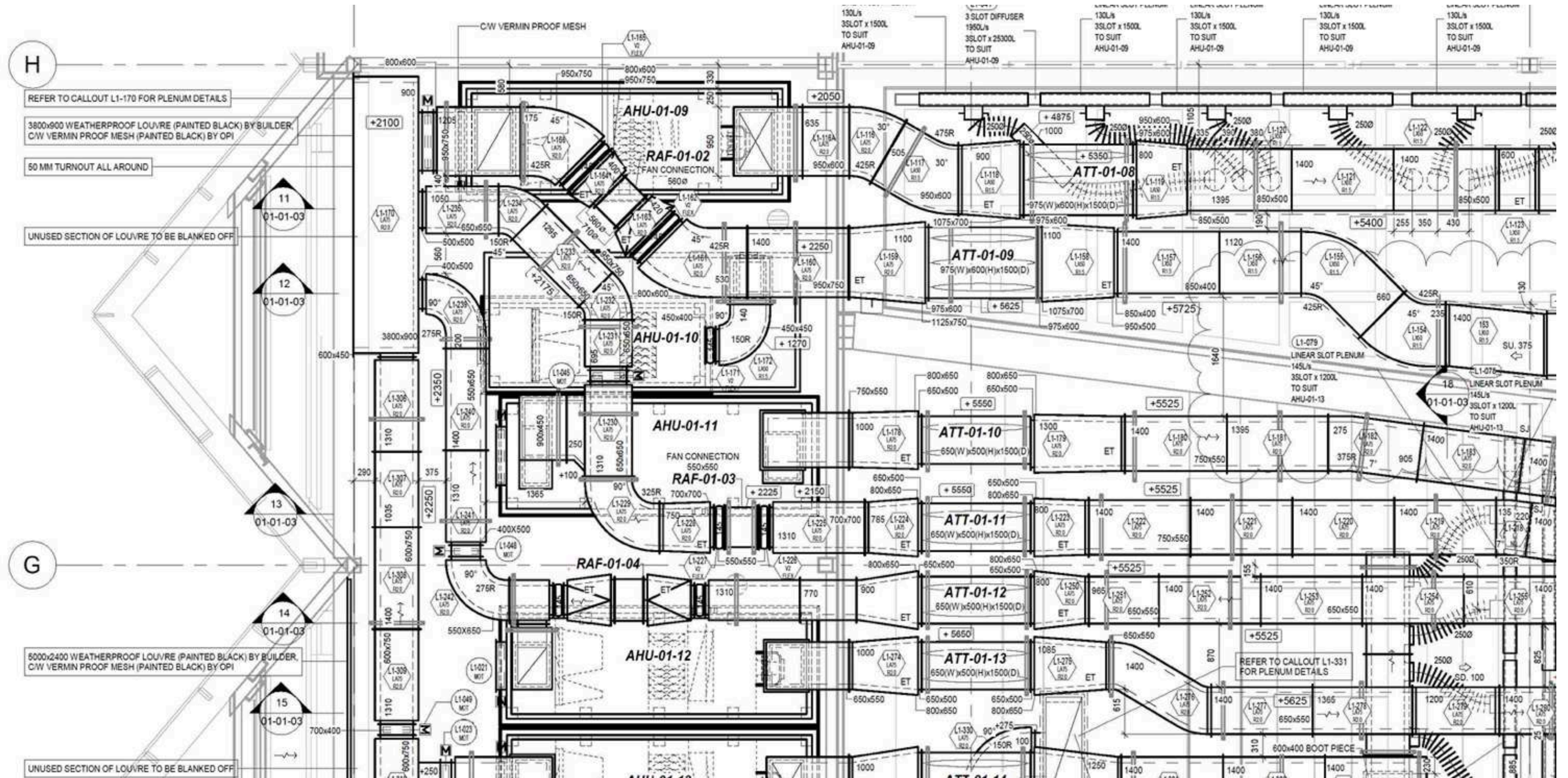


Project Type:
Health Care Building

Scope of work:

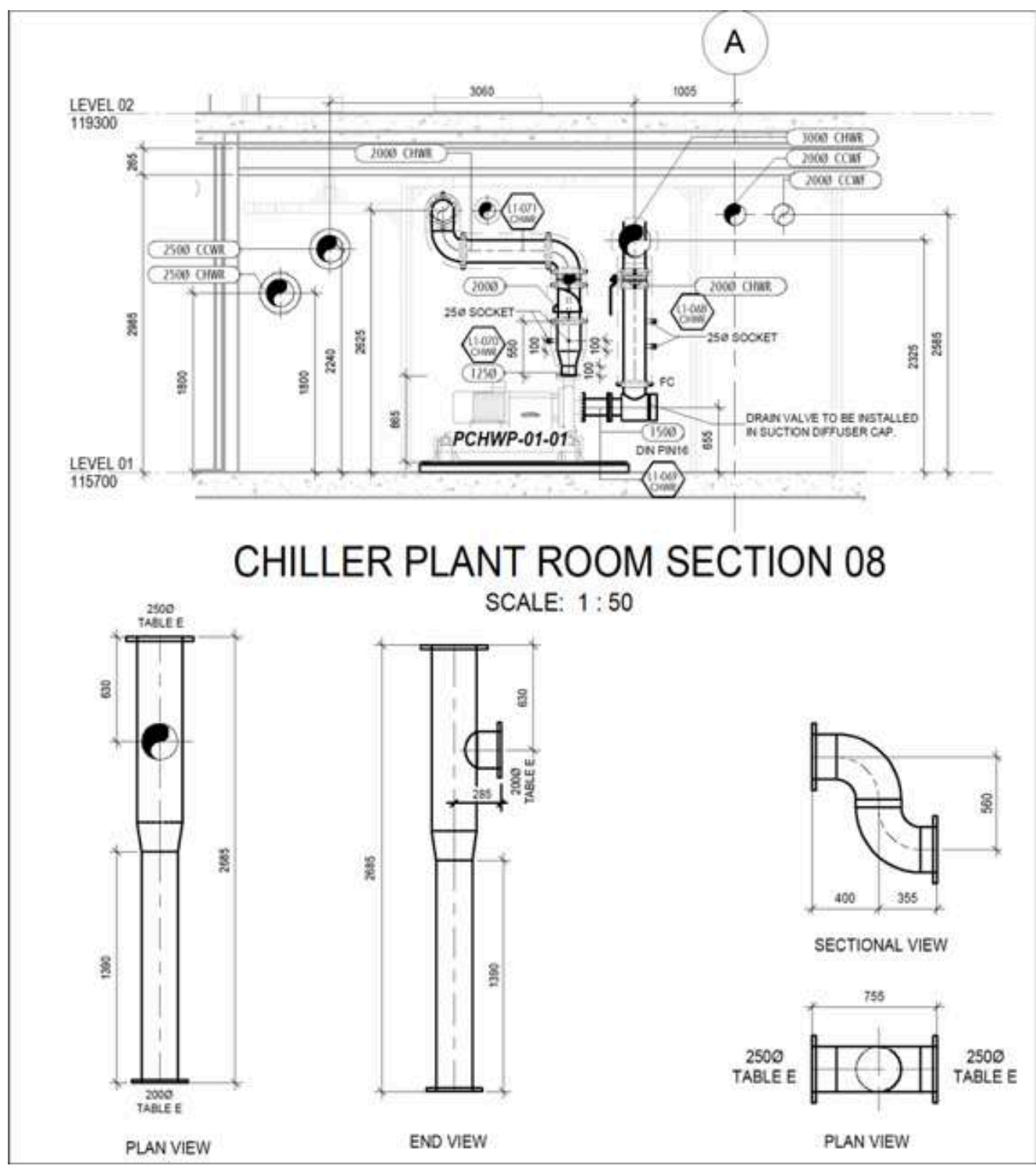
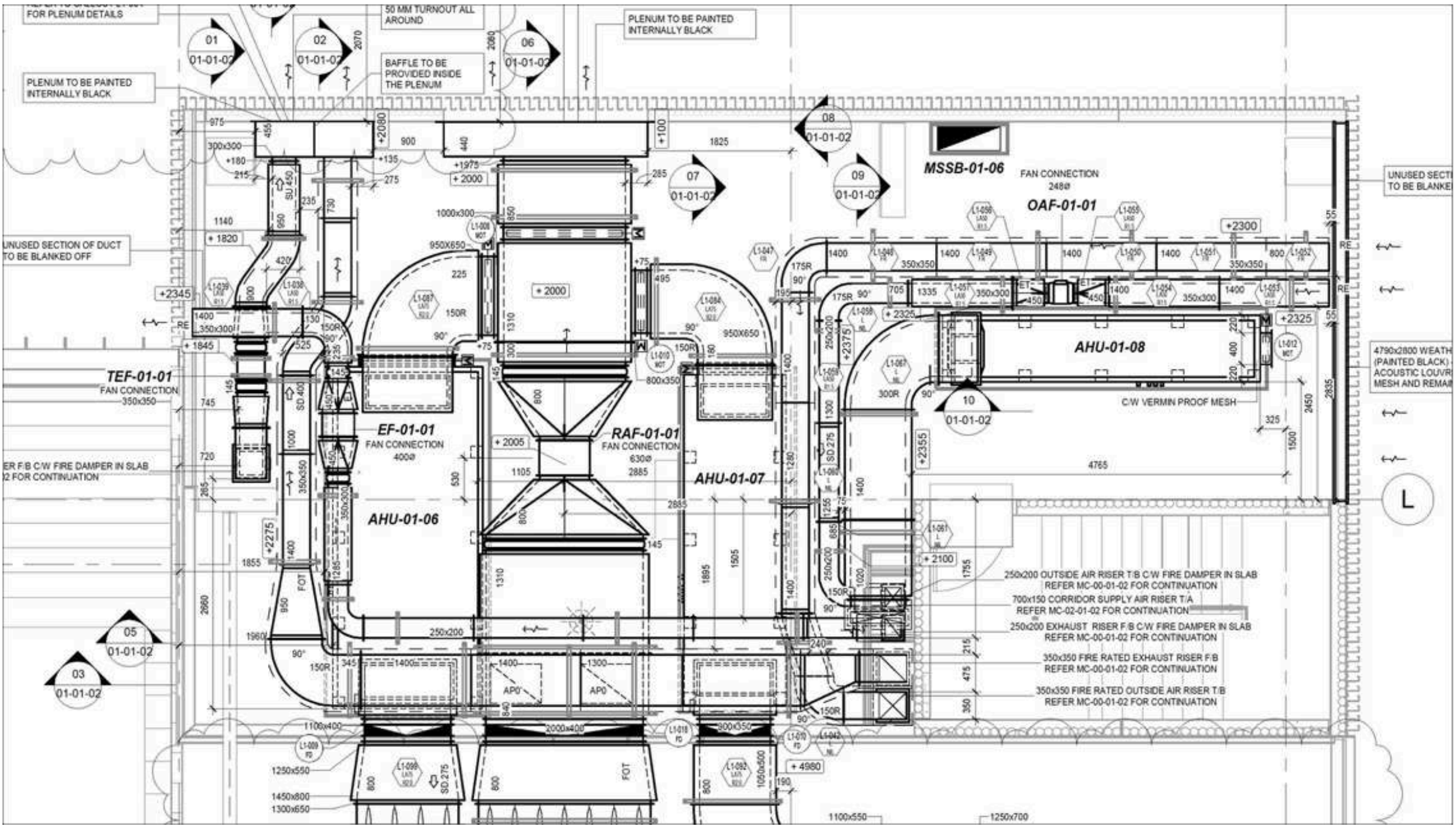
DUCT WORK-LOD400
(FABRICATION)





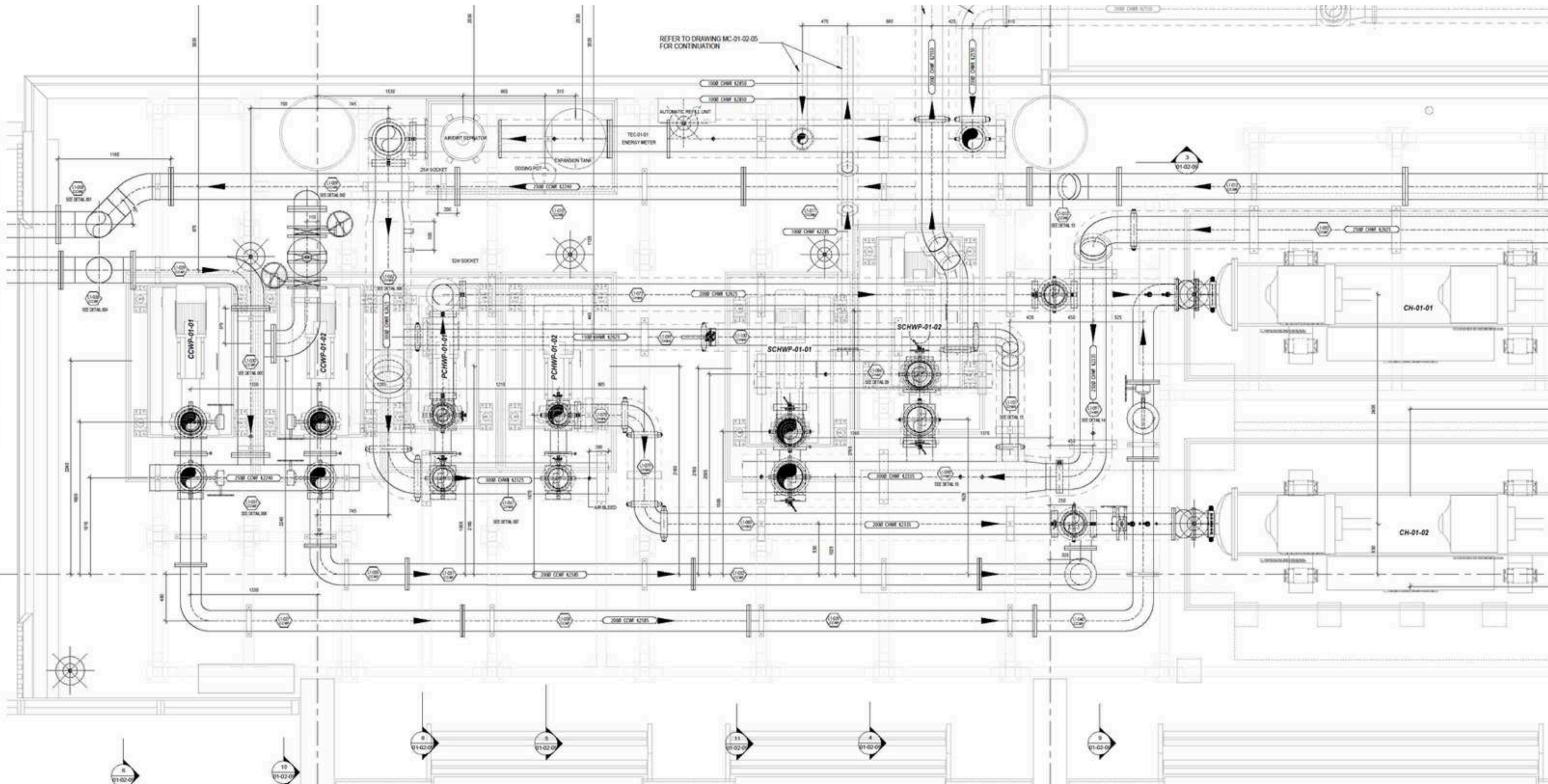
Ducting layout with piece marking for fabrication

Mechanical Room Plan



Chiller Plant Room Section

FOR CONTINUATION REFER BELOW PLAN - CHILLER PLANT ROOM CONTINUATION

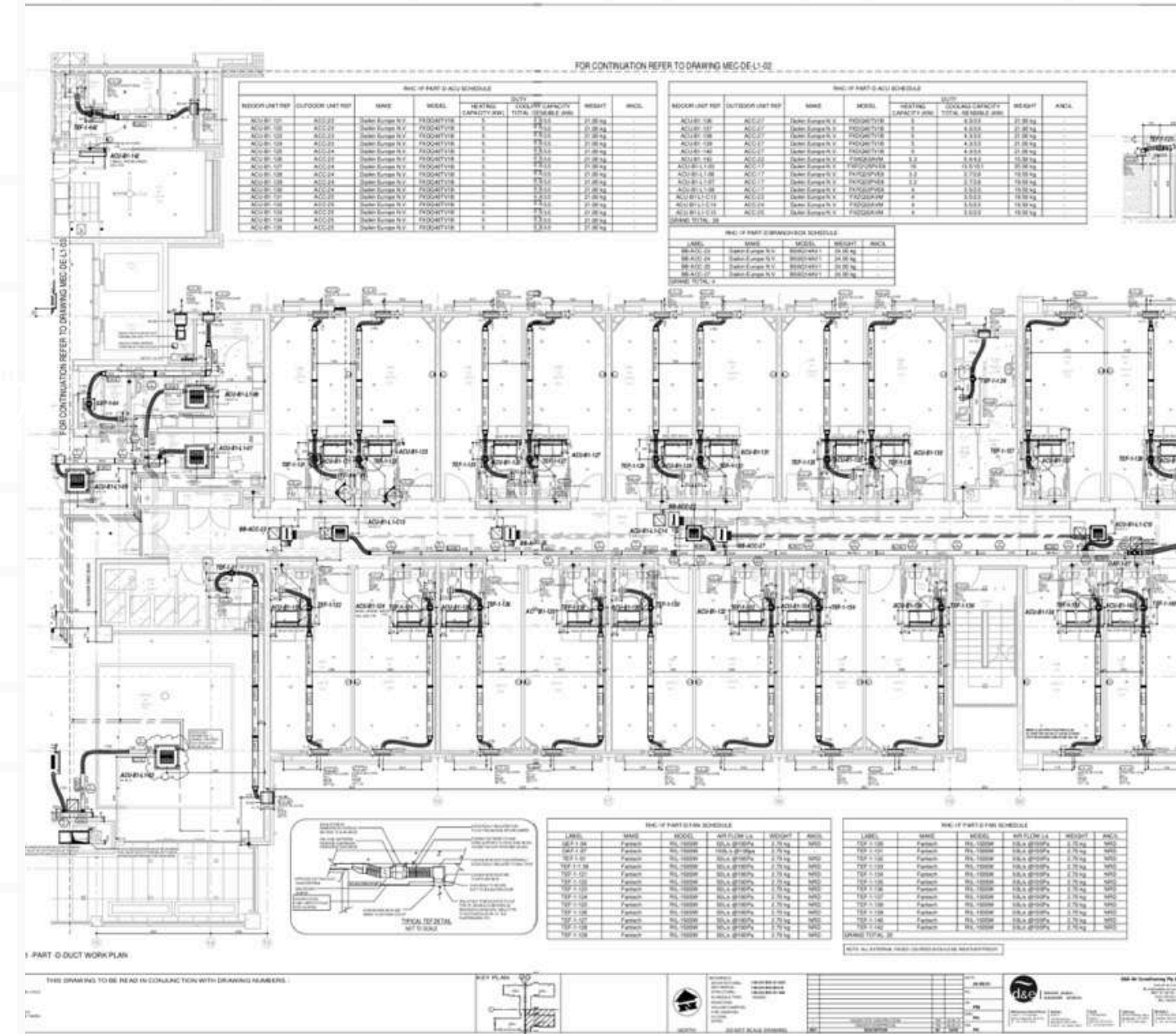
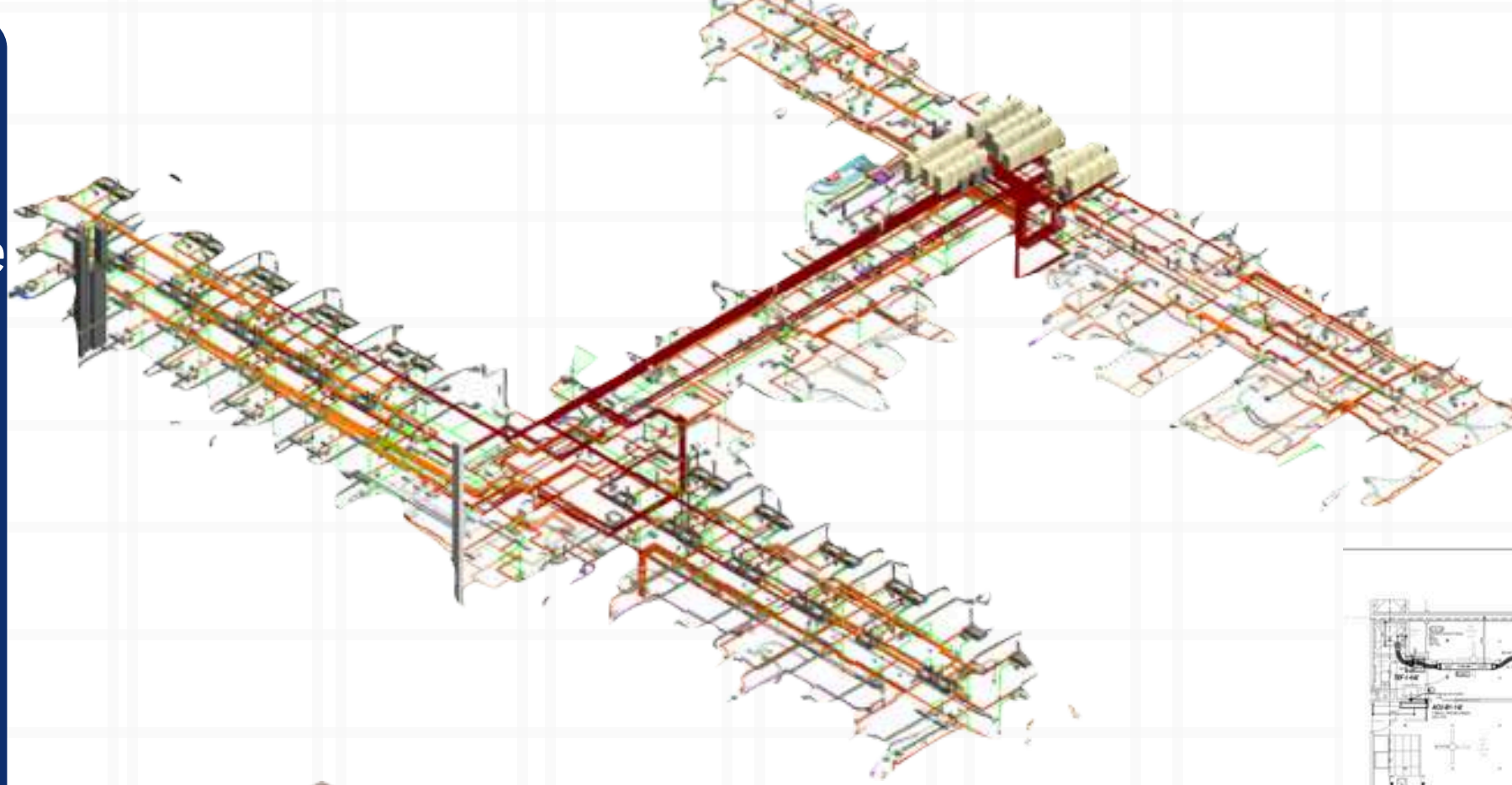


Chiller Plant Room - Plan

Project Type:
Apartment/Rest House

Scope of work:

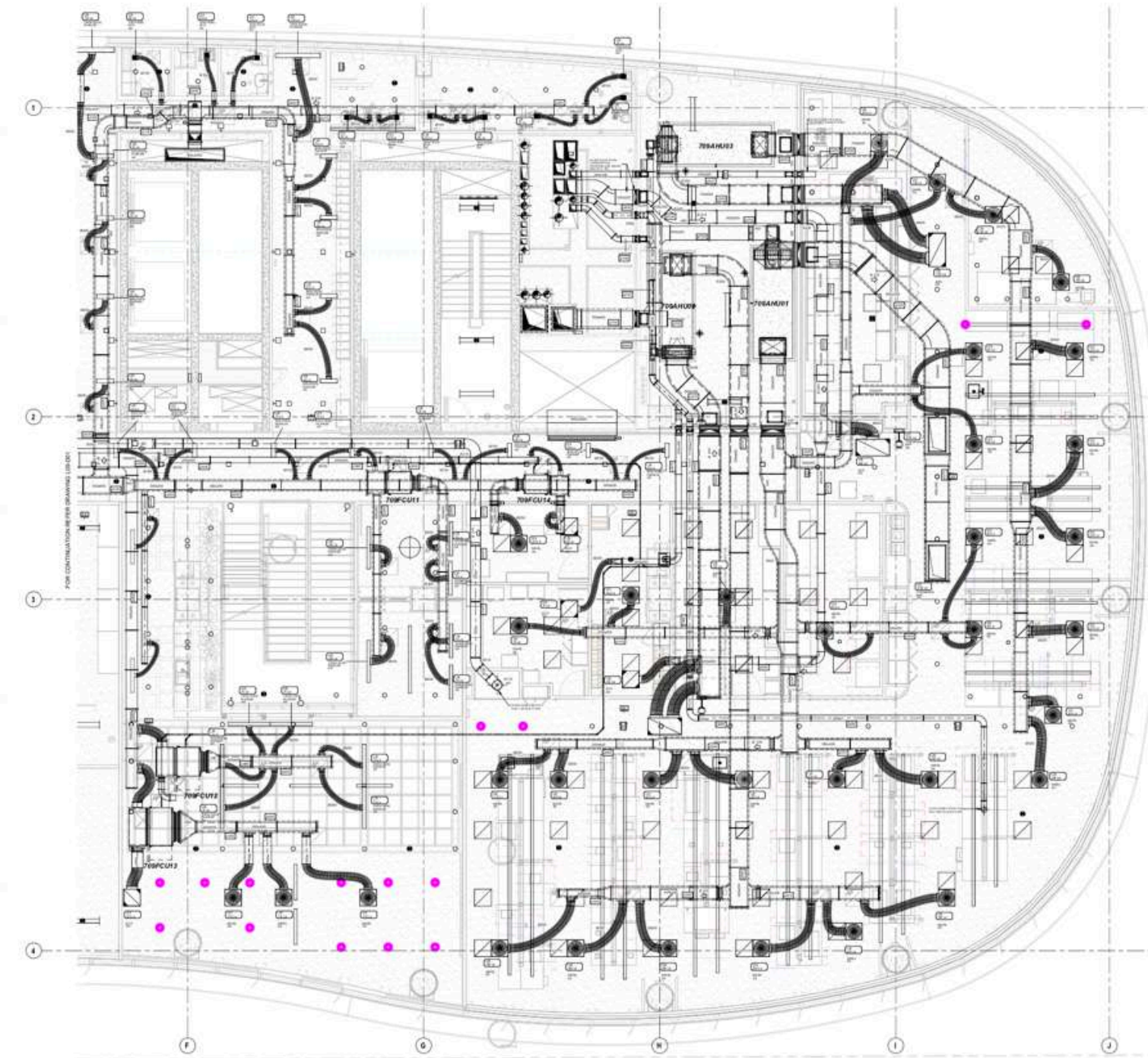
DUCT WORK-LOD400 (FABRICATION)



Project Type:
Laboratory

Scope of work:

DUCT WORK-LOD400
(FABRICATION)



Find Our MEP supporting platform





Visit: www.inakkam.com



Users

Projects

Dashboard

Project Tools

Project Name : Enthiran Project - 1

Project Id : IND-1221-2034

Project-wise

Stand-alone

one platform, many solutions

Add Project

Type tool name, vertical, system...

Search Tools

Recently opened tools

All Tools

↓ A to Z

↑ Z to A

System

All

HVAC

Electrical

Plumbing

General

VAV Sizing Selection

HVAC

Air Distribution System

Air Terminal Selection

HVAC

Air Distribution System

Duct Sizer

HVAC

Air Distribution System

Toilet Ventilation

HVAC

Air Distribution System

UPS Selection

Electrical

Power Supply System

HVAC Equipment Selection

HVAC

Air Distribution System

Battery Room Ventilation

HVAC

Air Distribution System

Electrical Load Calculation

Electrical

Power Supply System

Breaker Calculation

Electrical

Power Supply System

Cable Size Calculation

Electrical

Power Supply System

Single Line Diagram

Electrical

Power Supply System

Cable Tray Calculation

Electrical

Power Supply System

Toilet Fixture Calculation

Plumbing

Water Supply System

Water Storage Calculation

Plumbing

Water Supply System

Water Demand Calculation

Plumbing

Water Supply System

Due-diligence tool kit

General


Architectural System

Buy Team Pack And Get 25% Off


It is a long time established in fact that is a


INNOWELL


We ensuring quality of drawings




Home







 Add Project




WIPRO




QIC EASTCO - 29-12-2021




QIC EASTCO (TEST PROJECT 01)




MELBOURNE QUARTER R1




CSL - HAWARA 611 ELIZABETH STREET, MELBOURNE




QIC EASTCO




MELBOURNE AIRPORT HOTEL



EPWORTH EASTERN REDEVELOPMENT





EPWORTH EASTERN REDEVELOPMENTS




MELBOURNE AIRPORT HOTEL - 02


VPC QC Tool





 Add Deliverable


Project Name : WIPRO













































Deliverables

Revisions

R0



No	Drawing Number	Drawing Title	Delivered Date	Team Leader 	Engineer 	Status
1.	WIPRO-AB-GF-HVAC DUCTING-001	GF-HVAC DUCTING LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
2.	WIPRO-AB-GF-HVAC HUB ROOM -002	GF-HVAC HUB ROOM LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
3.	WIPRO-AB-GF-HVAC SERVER ROOM -003	GF-HVAC SERVER ROOM LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
4.	WIPRO-AB-GF-HVAC PIPING-004	GF-HVAC PIPING LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
5.	WIPRO-AB-EXT-HVAC EXTERNAL PIPING-005	EXT-HVAC EXTERNAL PIPING LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
6.	WIPRO-AB-GF-HVAC CHILLER PLANT ROOM-006	GF-HVAC CHILLER PLANT ROOM LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
7.	WIPRO-TER-GF-HVAC COOLING TOWER LAYOUT-007	TER-HVAC COOLING TOWER LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
8.	WIPRO-AB-GF-ELE LIGHTING-001	GF-ELE LIGHTING LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
9.	WIPRO-AB-GF-ELE POWER&SOCKET-002	GF-ELE POWER & SOCKET LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 
10.	WIPRO-AB-GF-ELE CABLETRAY-003	GF-ELE CABLETRAY LAYOUT	28 Feb 2022	Vellaisamy 	Mariraj 	 

Explore the project in the Virtual World

“**Experiencing**” site conditions brings out the best in engineers and improves design outputs. Being physically present is not always possible in today's technologically connected world.

BIM support technologies are constantly developing, which increases their appeal. BIM and virtual reality (VR) integration allows our engineers to interact and experience a virtual world.

Our solution can enhance the problem solving exercises in an interactive project by incorporating VR.



Advanced application usage



“Exploring Speckle application to view the Revit Schedule in Web page...”

“Add-ins to faster Revit Task”



SheetLink



FamilyReviser



OneFilter



ParaManager



SheetGen



TableGen



Reordering



PointKit



Green Screen Presentation



Our Prestigious Clients in India

Industrial / Warehouse



IT Office / Commercial / Labs/Hospitals



Our Prestigious Clients



CROSSLINE

ECHOTEX

STANDARD GROUP



سلطة واحة دبي للسيليكون
Dubai Silicon Oasis Authority



Salcomp



Innowell Engineering International Pvt Ltd

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Tamil Nadu, India.

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BANGALORE

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☎ +91 99723 00436

HYDERABAD

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☎ +91 62815 97156



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For detailed information, contact concerned account manager.



<https://www.linkedin.com/company/innowell-engineering-international-pvt-ltd/>