



Company Profile

Your Trusted Partner

Design & PMC | BIM Services | Visualization & VR | Academy

Agenda

- Company Introduction
- Project presentation
 - Integrated Projects – All Disciplines
 - BIM Management
 - Architecture | Landscape | Interiors
 - Structure
 - MEP
 - Visualization
- Our collaboration process
- Recap



About Us

bimgrafX is a technology company, originated from Samhita Group established in 1997 provides services in Architecture, Engineering and Construction (AEC) industries across the globe consists of 100+ professional Architectural and Engineering team with delivery offices in Dubai, UAE, Phoenix, Seattle USA and Hyderabad, India.

Our Core Team Comprises of :

- Lead Design, Architectural Design, Interior Design, Sustainability
- Strong belief in Integrated Design, Multidiscipline Services Coordination
- Project Management, Construction Management & Constructability
- Early BIM adopters since 2000 and BIM Evangelism since 2009
- Training & Implementation since 1999
- Graphics and Visualization since 1996
- Lead Positions in Multinational Companies across Middle East, USA & India



Hyderabad - India



Studio-Hyderabad



Studio-Hyderabad



Dubai - UAE

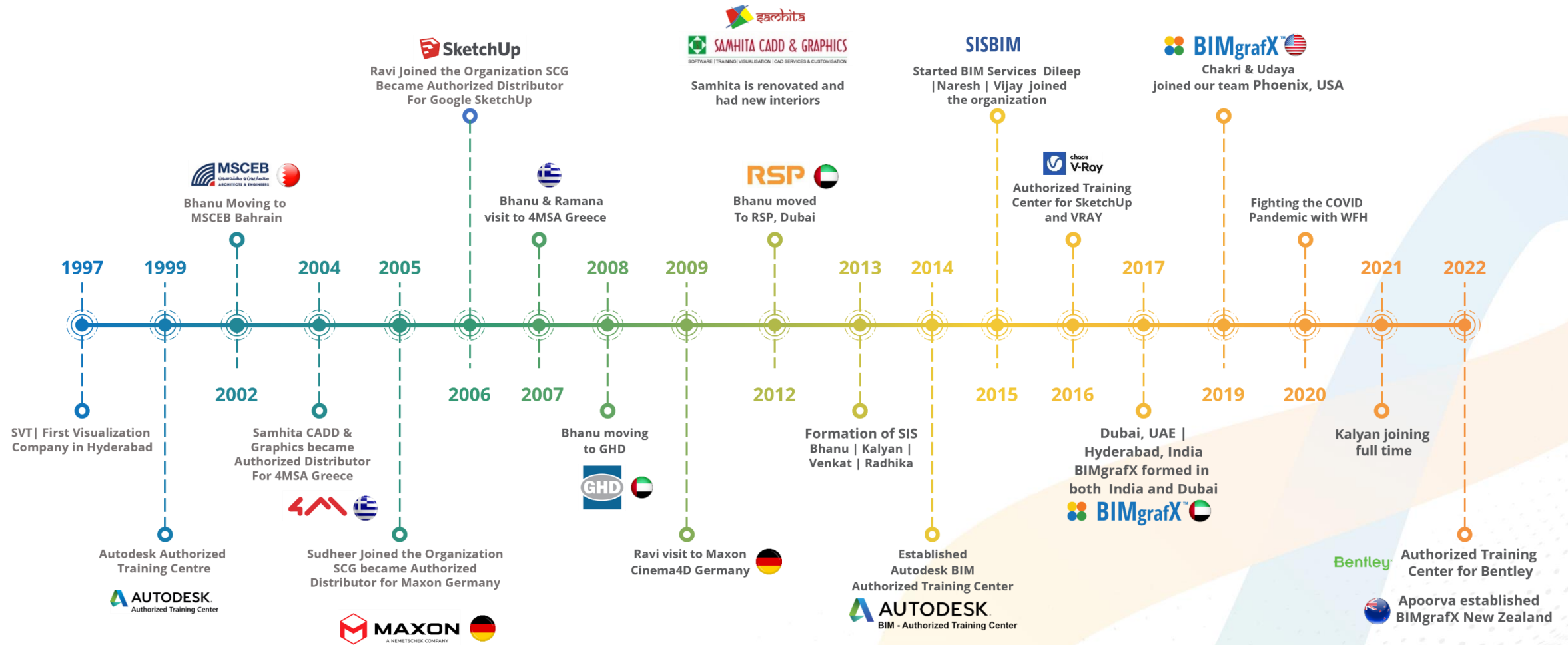


Studio-Dubai - UAE

Studio - Phoenix - USA

Studio - Auckland - NZ

Our Journey



Our Team

Management	Global Leadership															
	Director of Projects							Director of Operations								
Departments	Architecture / Structure				MEP			PMC		Graphic		Academy			BD	Admin
Associates																
Sr. Project Architects & Sr. BIM Engineers																
Architect / BIM Engineers (AEC & MEP)																
Graduate Architects / Engineers																
Trainees & Interns																
															</	

Services & Capabilities

- Actively involved in BIM Management, BIM development, BIM Implementation
- Present in 3 major countries – familiar with International Building Codes, Sustainability rating
- Multidisciplinary team – strong backup with design and construction experience
- Employee driven and believe in constant learning and sharing
- Well experienced in different stages of the project – Design, Construction & Handover
- Company leadership experienced in delivering landmark projects
 - Design, Project Management
 - BIM strategy & management
 - Construction administration
 - Handing over the projects



Architectural BIM



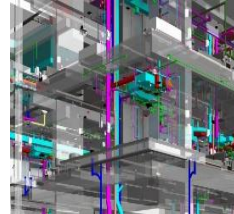
Interior BIM



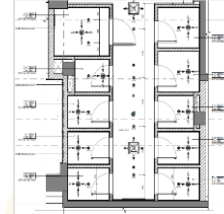
Landscape BIM



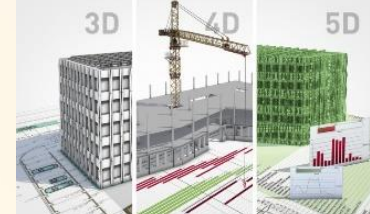
Structural BIM



MEP BIM



Documentation



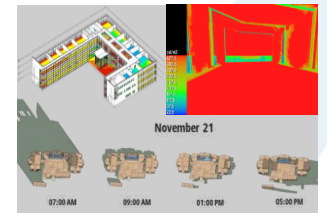
4D Scheduling & 5D Estimating



As-built & FM integration



BIM training & implementation



Sustainability Services



Visualization & VR

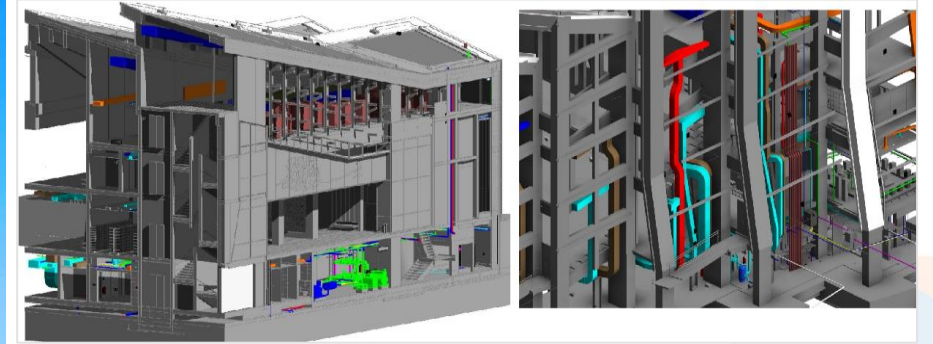
Projects: Integrated BIM (All disciplines) | Pre-Construction



ME DO RE Residential Tower | UAE

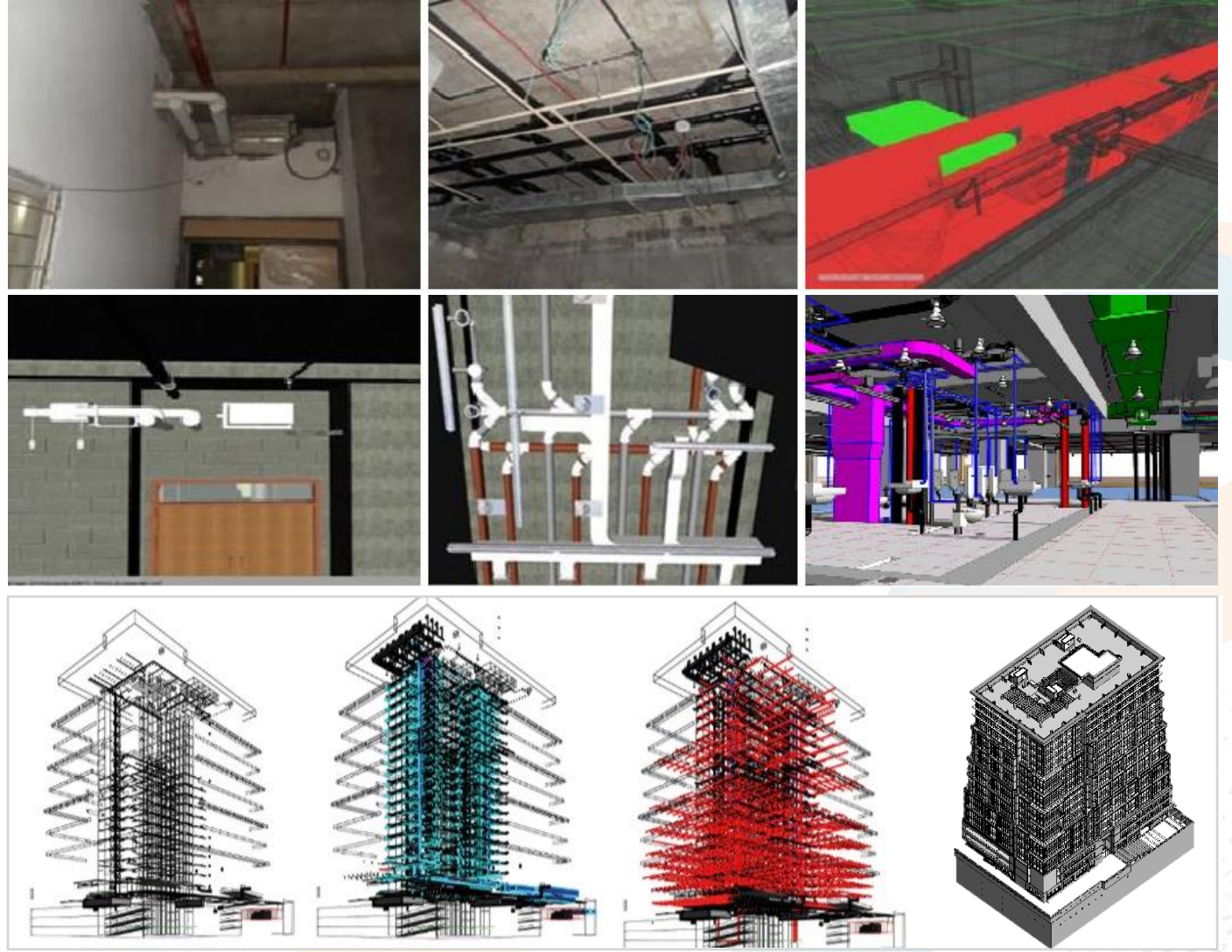


Pinnacle Towers | Nairobi

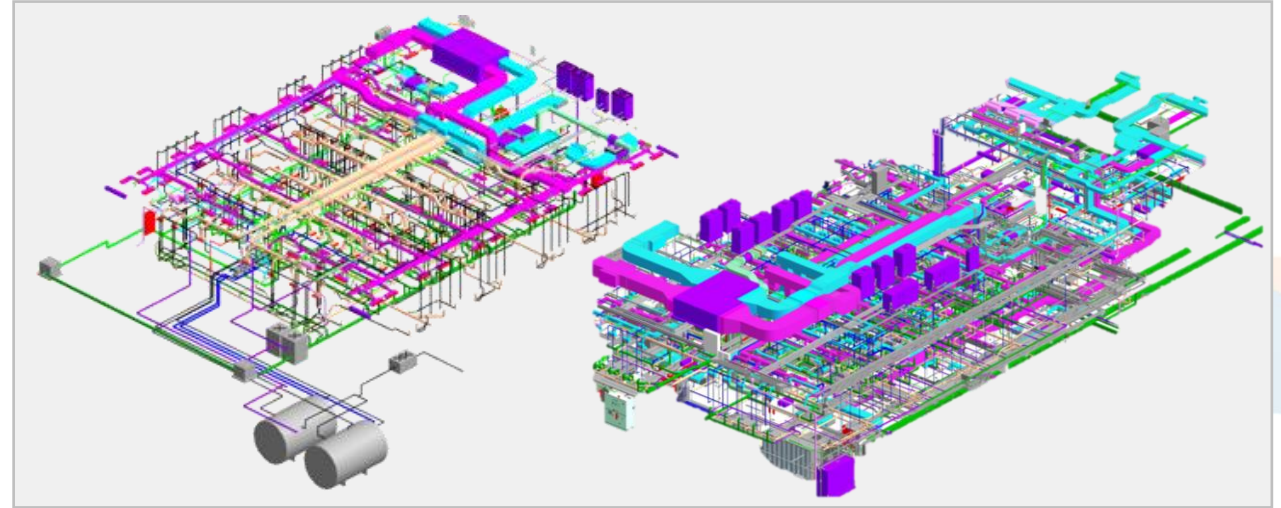


EXPO 2020 Mosque | UAE

Projects: Integrated BIM – Construction



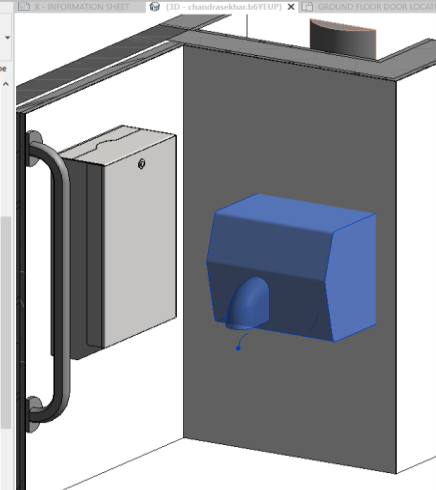
Projects: Integrated BIM – Design to Handover



Properties

AR-FIXT-HAND DRYER CHANGING ROOM

Plumbing Fixtures (1)	
(04)EX20_ABS_L2_Level	GF
(06)EX20_ABS_L4_Equipment_Group	5.08
(05)EX20_ABS_L3_Room	022
(07)EX20_ABS_L5_Equipment_System	EA
(08)EX20_ABS_L6_Equipment_Type	HDYE
(16)EX20_ABS_L7_Equipment_Unique	001
(17)EX20_ABS_L7_Ordnre_Equipment	4627-GF-022-5.08-EA-HDYE-001
(02)EX20_ABS_L1_Contract	71002
(03)EX20_ABS_L1_WBS_Plot_Code	490
(08)EX20_ABS_L5_OA_Manual_Ref	4627 FABRICS AND FINISHES
(10)EX20_ABS_L6_Manufacturer_Name	ULTRA DRY PRO 1
(11)EX20_ABS_L6_Supplier_Name	ASTOR BANNERMAN
(12)EX20_ABS_L6_Make	UK
(13)EX20_ABS_L6_Model	PL90ABIS-BRUSHED STAINLESS
(14)EX20_ABS_L6_Life_Expectancy	5 YEARS
(01)EX20_ABS_L1_Asset	
(01)EX20_ABS_L1_Asset	4627
EQUIPMENT DESCRIPTION	HAND DRYER ELECTRICAL
(20)EX20_ABS_Code	4627-GF-022-5.08-EA-HDYE-001
(15)_EX20_ABS_L6_Quantity	1
(23)EX20_ABS_Fed From Panel Name	
Workset	AR_PLUMBING FIXTURES
Edited by	
Phasing	
Phase Created	Event
Phase Demolished	None
Date	
COBie	<input checked="" type="checkbox"/>
COBie.ExternalIdentifier	
COBie.Creativity	Spacemaker Emirates LLC(info@spacemaker.ae)
COBie.CreatedOn	2021-04-15T19:23:09
COBie.ComponentName	Plumbing Fixtures, AR-FIXT-HAND D...
COBie.ComponentSpace	
COBie.ComponentDescription	
COBie.Component.SerialNumber	



Family: AR-FIXT-HAND DRYER CHANGING ROOM

Type: AR-FIXT-HAND DRYER CHANGING ROOM

Type Parameters

Parameter	Value
COBie.Type	GF
COBie.Type.CreatedBy	Spacemaker Emirates LLC(info@spacemaker.ae)
COBie.Type.CreatedOn	2021-04-15T19:23:11
COBie.Type.Name	Plumbing Fixtures, AR-FIXT-HAND DRYER CHANGING ROOM
COBie.Type.Category	10 28 13 - TOILET ACCESSORIES
COBie.Type.Description	AR-FIXT-HAND DRYER CHANGING ROOM
COBie.Type.AssetType	MOVABLE
COBie.Type.Manufacturer	ULTRA DRY PRO 1
COBie.Type.ModelNumber	PL90ABIS-BRUSHED STAINLESS
COBie.Type.Warranty.GuarantorParts	support@astorbannerman.co.uk
COBie.Type.Warranty.GuarantorParts	1
COBie.Type.Warranty.GuarantorLabor	support@astorbannerman.co.uk
COBie.Type.Warranty.GuarantorLabor	1
COBie.Type.Warranty.DurationLimit	YEARS
COBie.Type.ReplacementCost	0.00
COBie.Type.ExpectedLife	5
COBie.Type.DurationUnit	YEARS
COBie.Type.Warranty.Description	For defect liability
COBie.Type.NominalLength	267.0
COBie.Type.NominalWidth	235.0
COBie.Type.NominalHeight	210.0
COBie.Type.ModelReference	71002-MDL-E414627-AR-900091
COBie.Type.Shape	Rectangular
COBie.Type.Size	267mm W x 235mm H x 210mm D
COBie.Type.Color	Brushed Metal, Chrome, White
COBie.Type.Finish	Brushed Metal, Chrome, White
COBie.Type.Grade	304
COBie.Type.Material	304 Stainless Steel
COBie.Type.Constituents	infared automatic, no touch
COBie.Type.Features	60 seconds auto cut off

Projects: BIM Management | Auditing | Review



Office Towers at Mumbai | India | BIM Initiation



Firdous Pavilion, Expo2020 | Dubai | Site BIM Coordination



CoEX, Expo2020 | Dubai | Sub-contractor Model Review

Projects: Design Supervision | Project Management



SO/ UPTOWN DUBAI SO/

BOARDROOM

Render vs Actual Image



SO/ UPTOWN DUBAI SO/

BRANDED RESIDENCE LOBBY
Render vs Actual image



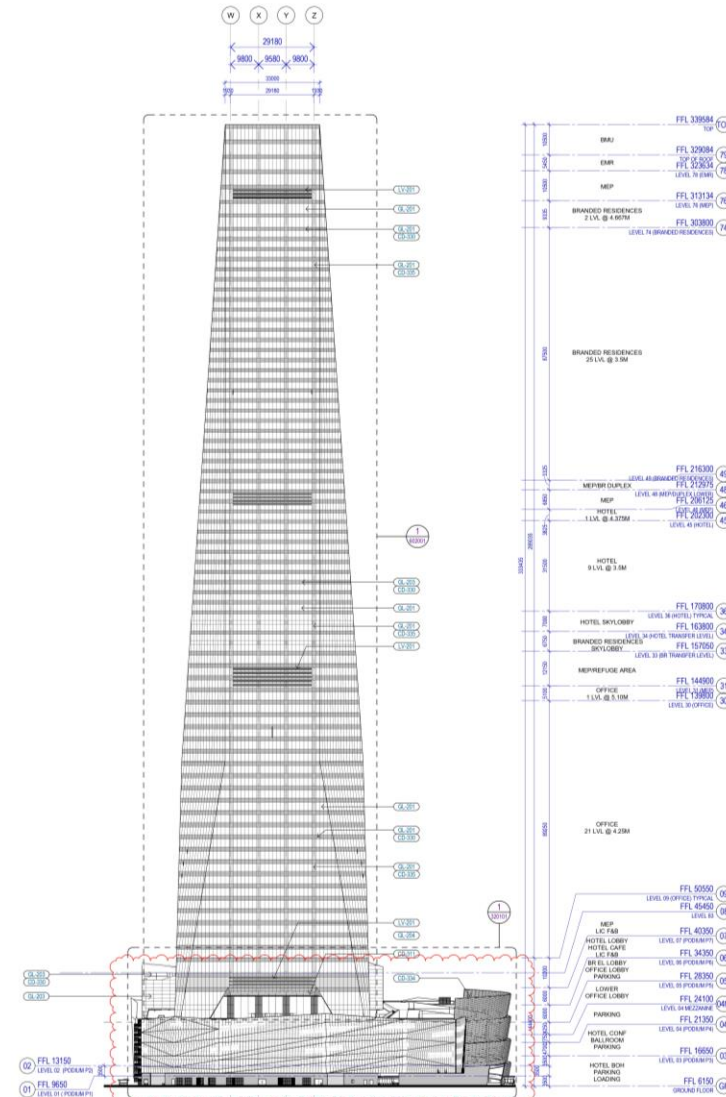
SO/ UPTOWN DUBAI SO

BRANDED RESIDENCE SKY LOUNGE



SO/ UPTOWN DUBAI SO

FEMALE TOILET
Transfer to toilet



Dubai Uptown Tower | Dubai | Site Supervision (PM)

Projects: Architecture | UAE | Various Stages



DHE Business Park | UAE | LOD 300 | Site Supervision (PD)



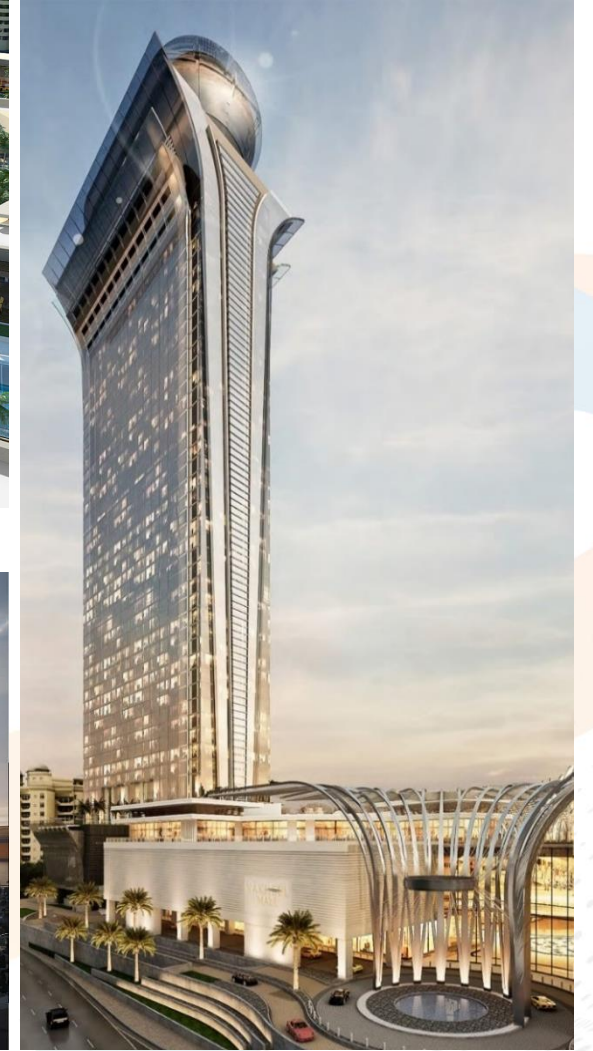
Nakheel Mall | UAE | LOD 300 (AR) | LOD 400 (MEP) | Site Supervision (PD)



Alaya Villas | UAE | LOD 200

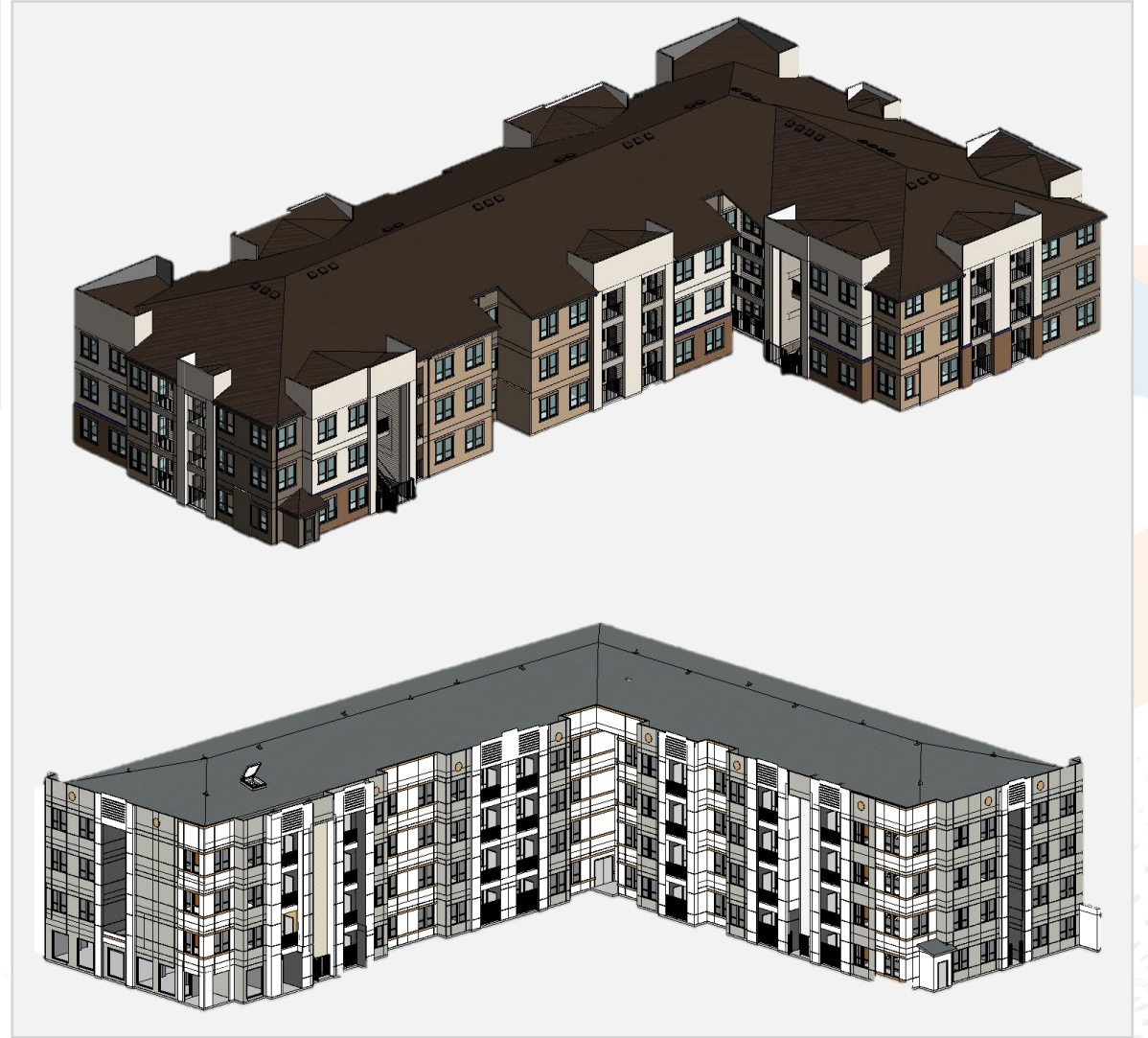


BAPS Mandir | UAE | LOD 300



Palm Tower | UAE | LOD 300 | Site Supervision (PM)

Projects: Architectural Projects in USA



Projects: Various Housing projects at Auckland | New Zealand | LOD 300



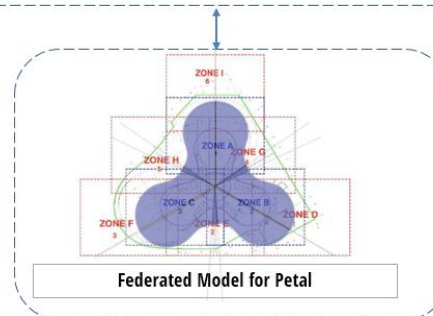
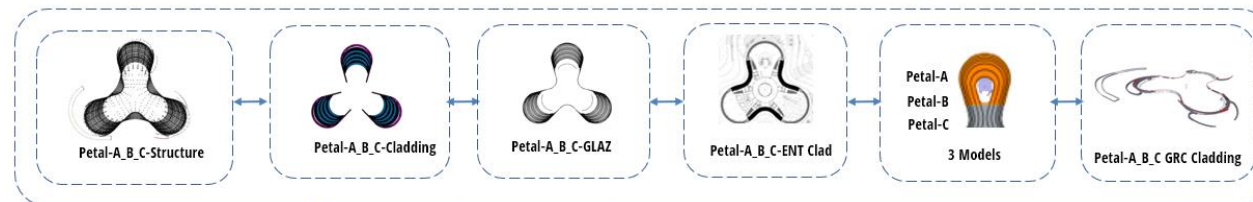
Projects: Various Housing projects at Auckland | New Zealand | LOD 300



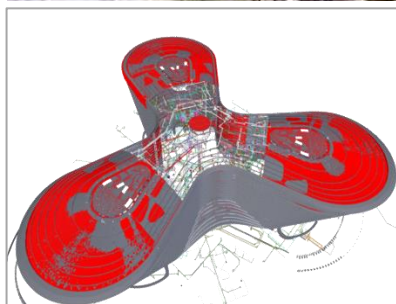
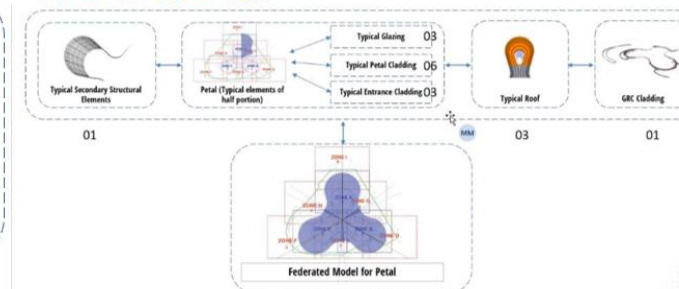
Projects: Facade | Construction Stage



Current Model Breakup strategy:



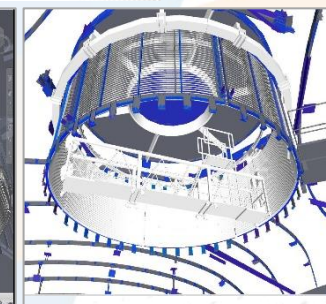
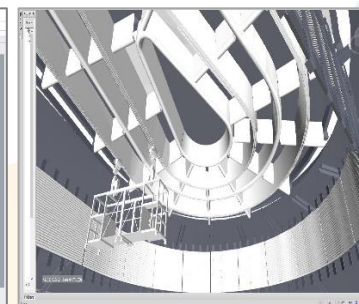
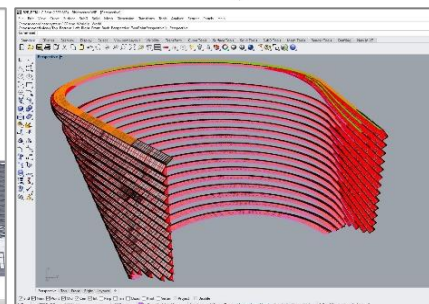
Earlier meeting strategy:



Façade - BIM Model (Navisworks)



Façade - Rhino Model



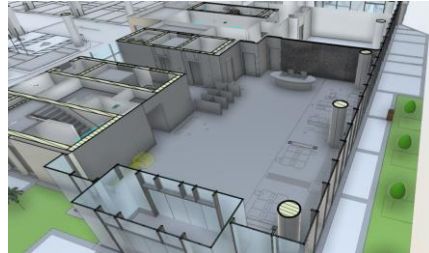
BMU Systems - BIM Model (Revit)

Projects: Interior Design | Penninsula-4 | Dubai

RENDERS Vs BIM MODELS



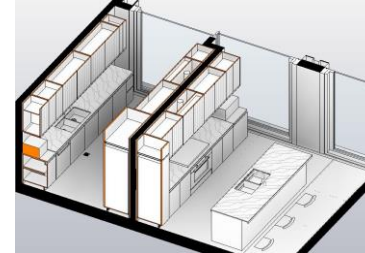
RECEPTION LOBBY (OFFICE) :



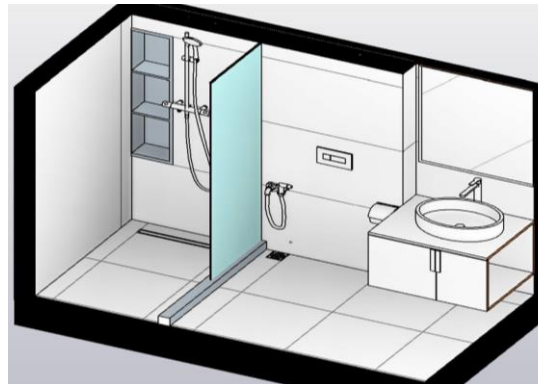
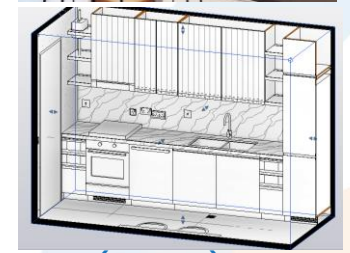
RECEPTION AREA (TOWER) :



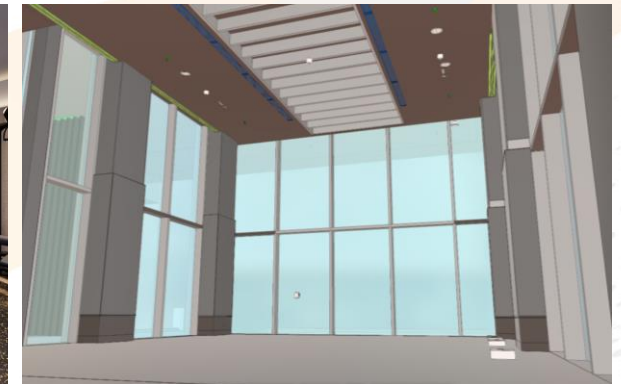
PENT HOUSE KITCHEN



1 BED (TOWER)

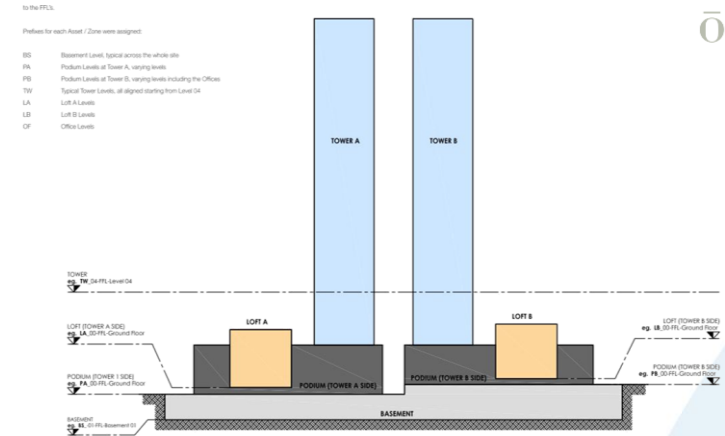
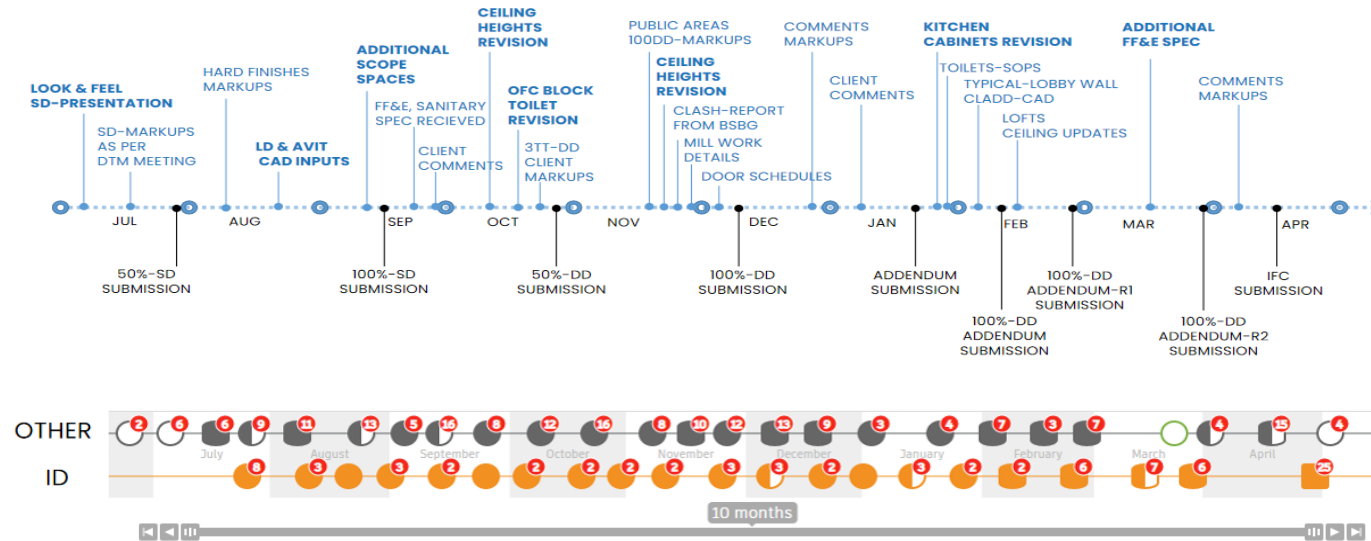


GYM AT LOFT BLOCK (LOFT)



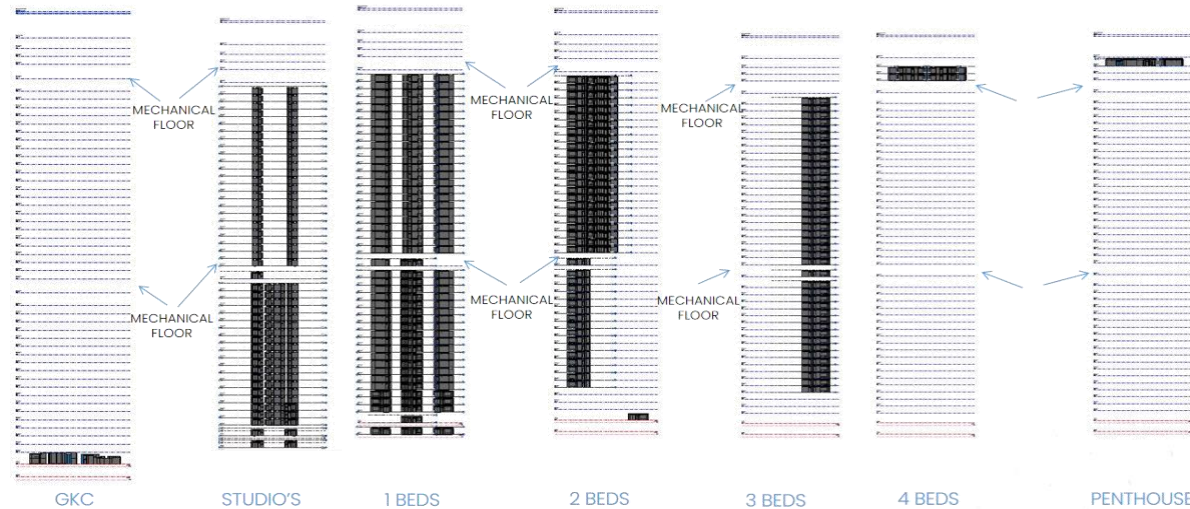
Projects: Interior Design | Penninsula-4 | Dubai

Project Timeline :

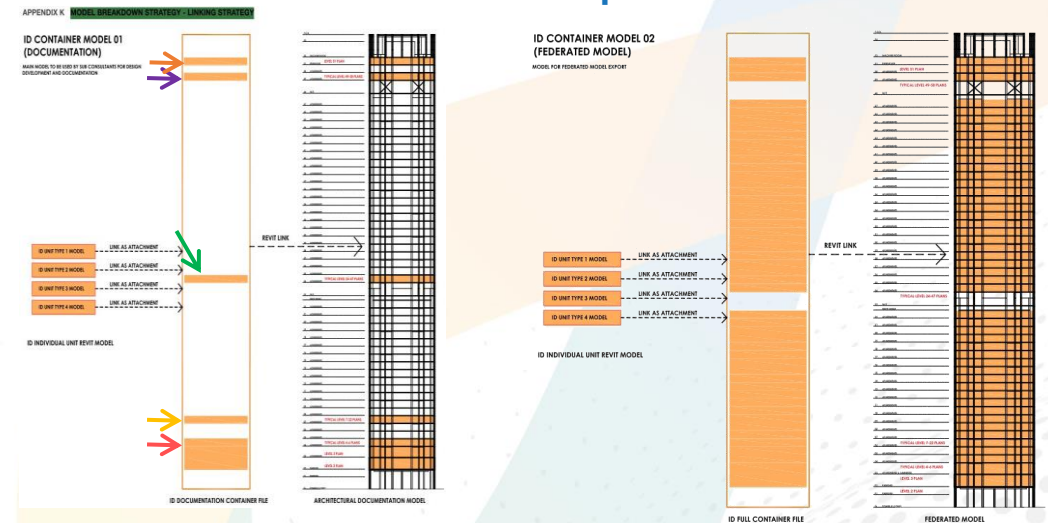


ōpaal
space reimagined

Tower Units Distribution Levelwise:



ID Model Breakup :



Projects: Interior Design | Middle East



Gewan Island Golf Course Hotel | Qatar | LOD300



Kempinski Five Star Hotels | KSA | LOD 300



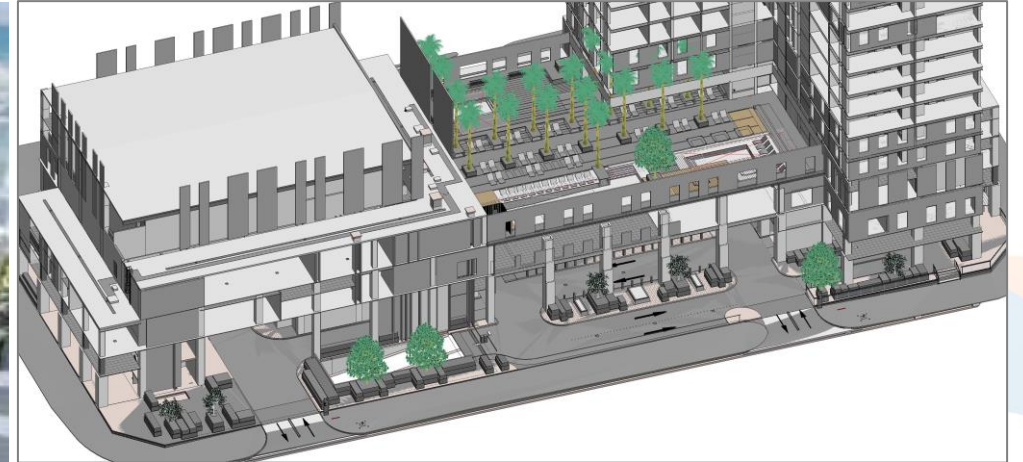
Ummahat Al Shaykh Hotel | Saudi | LOD300



EXPO2020 Rove Hotel | UAE | LOD 300 | PMC

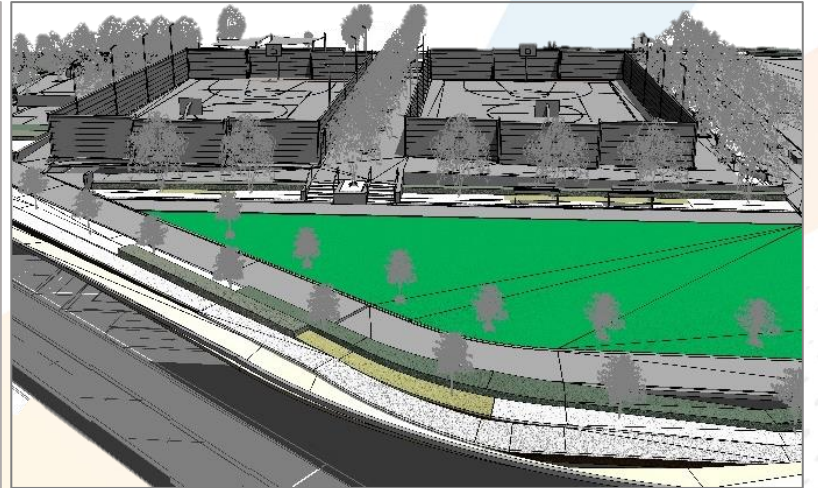
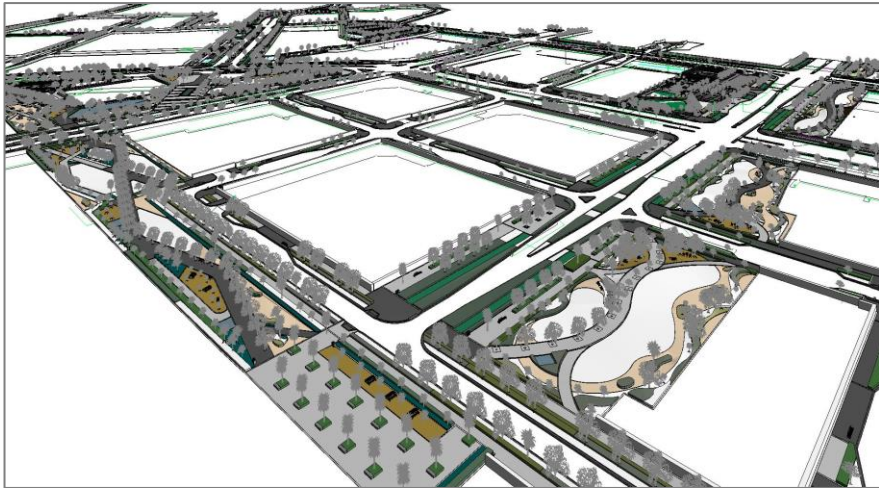
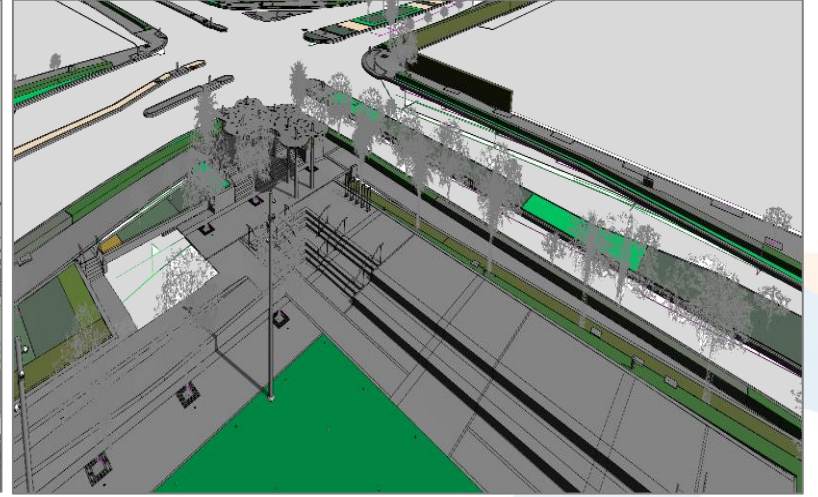


Projects: Landscape | Design Stage



Lusail City – Boulevard | Qatar | LOD 300

Projects: Landscape | Design Stage



Saadiyat Island Cultural District | UAE | LOD 300

Projects: Landscape | Design Stage



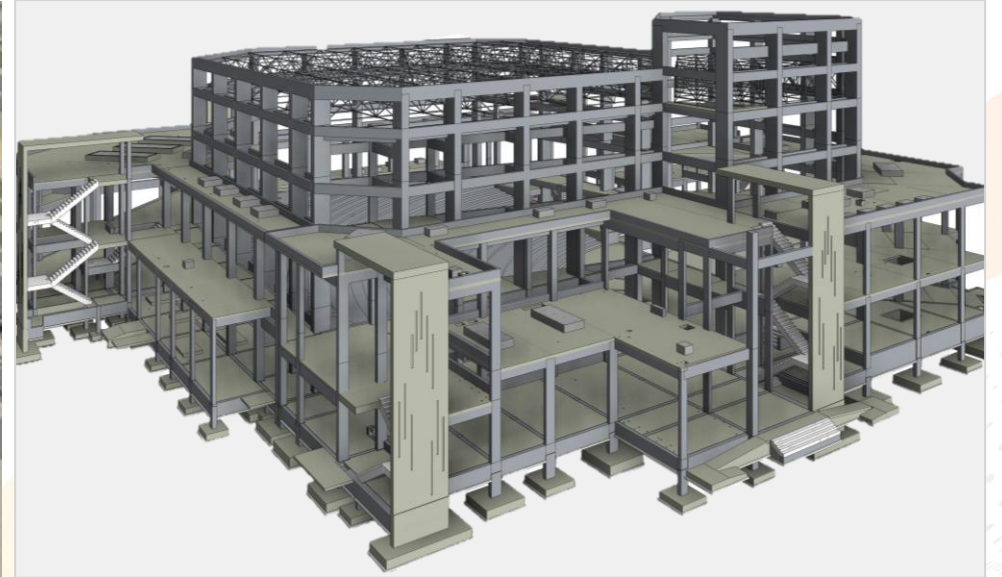
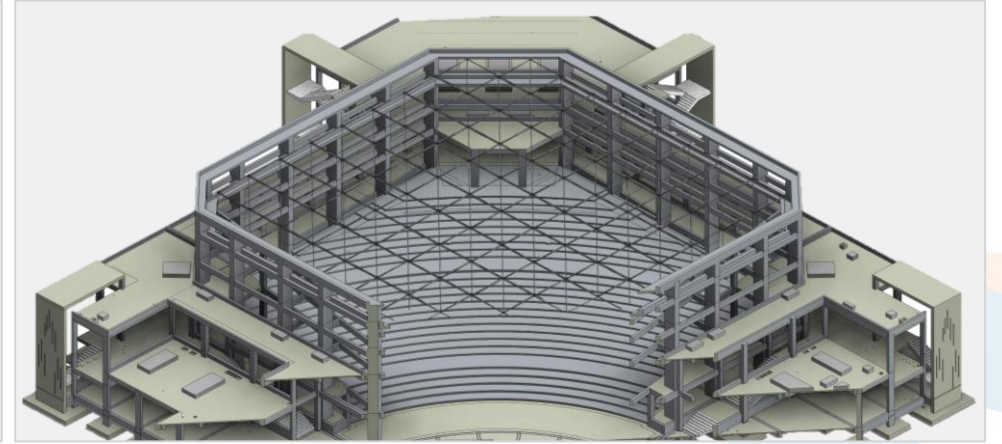
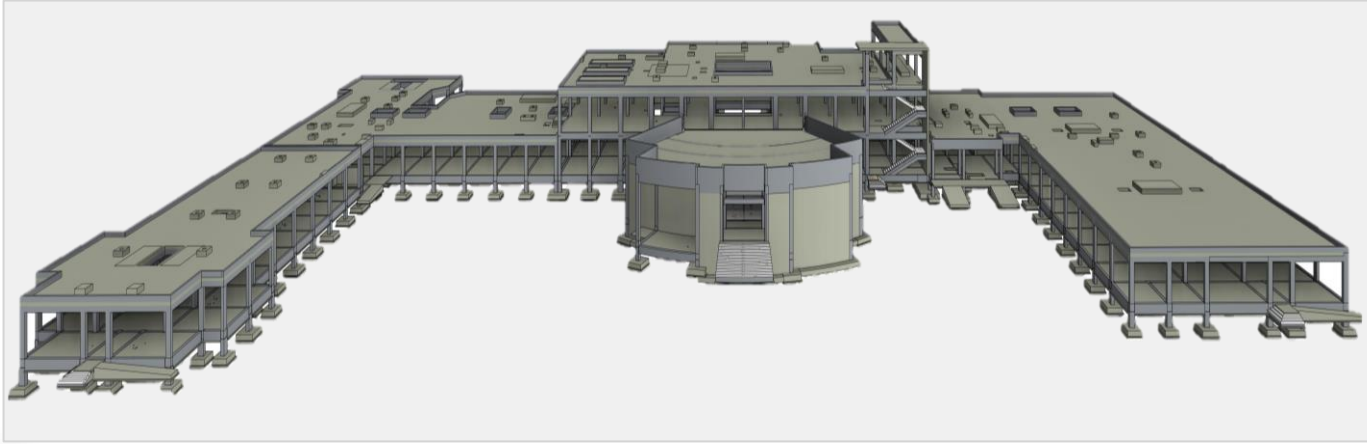
Jaya Bheri – Residential tower | India | LOD300

Projects: Landscape | Design Stage



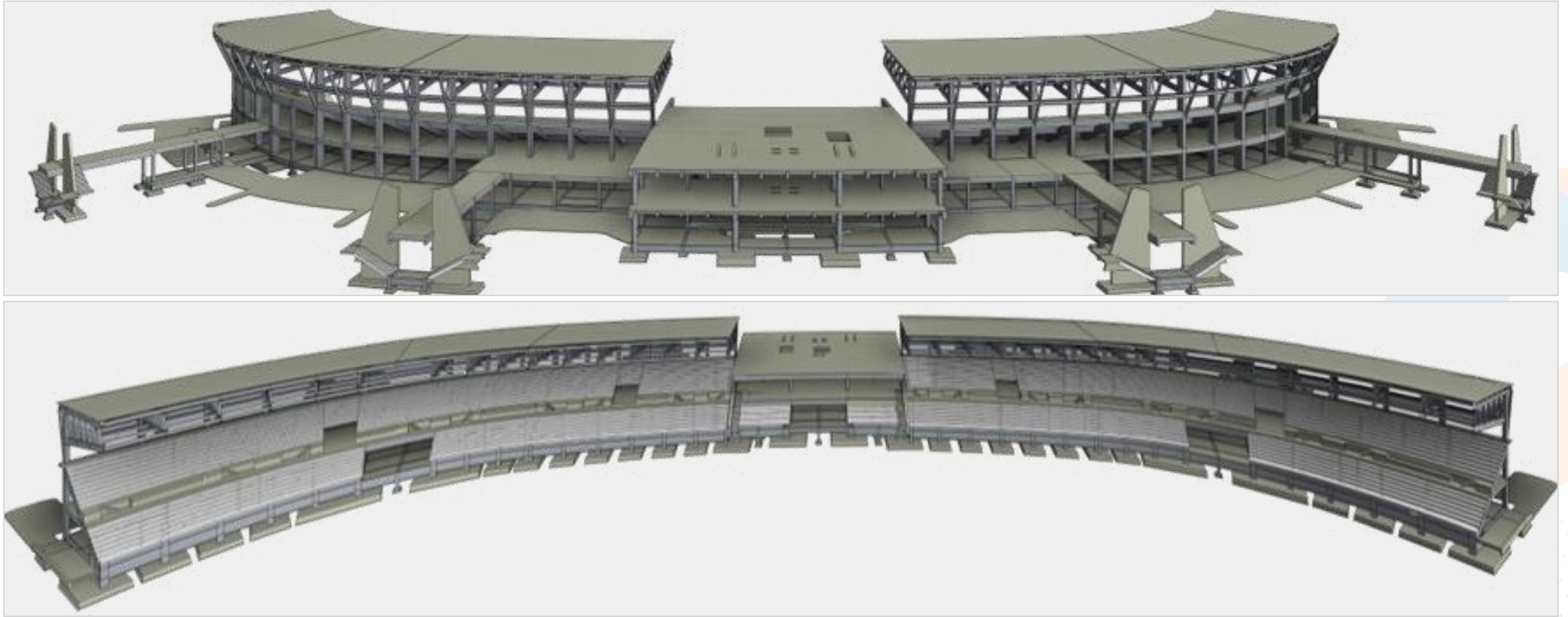
DHE- Business Park | UAE | LOD 300

Projects: Structural | Design – Handover



King Faisal Air Academy | KSA | LOD300 – 500

Projects: Structural | Design – Handover

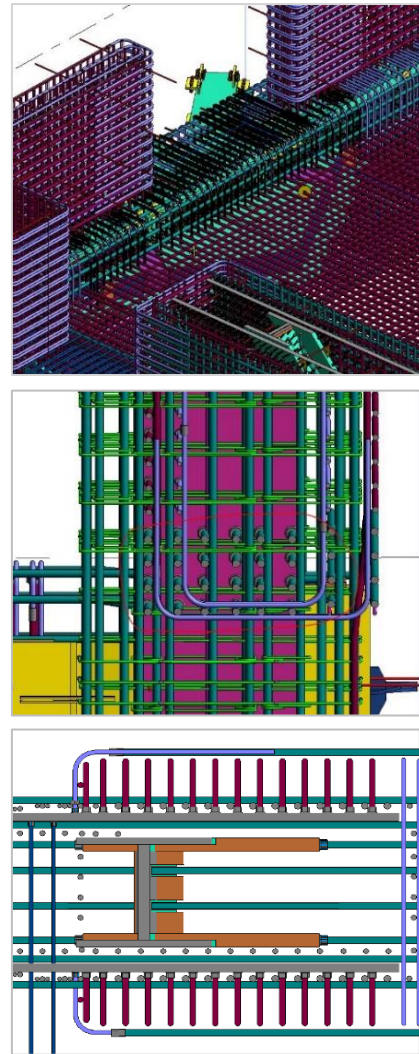


King Faisal Air Academy | KSA | LOD300 – 500

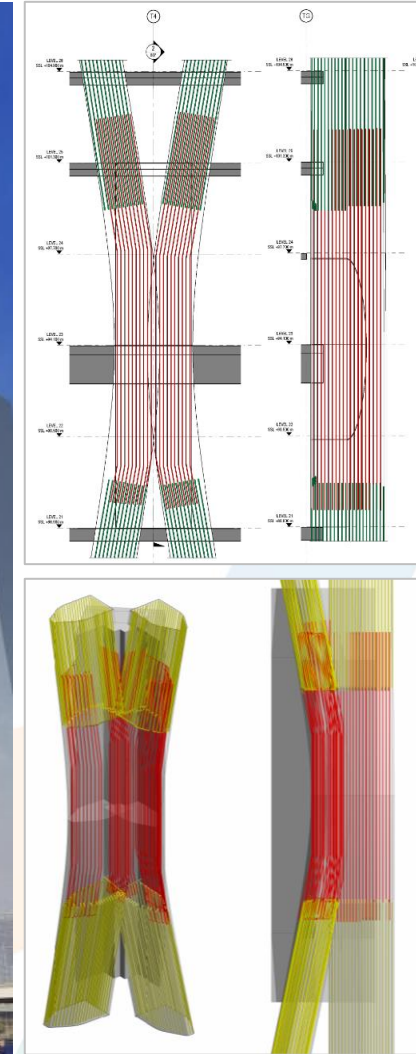
Projects: Reinforcement Structures



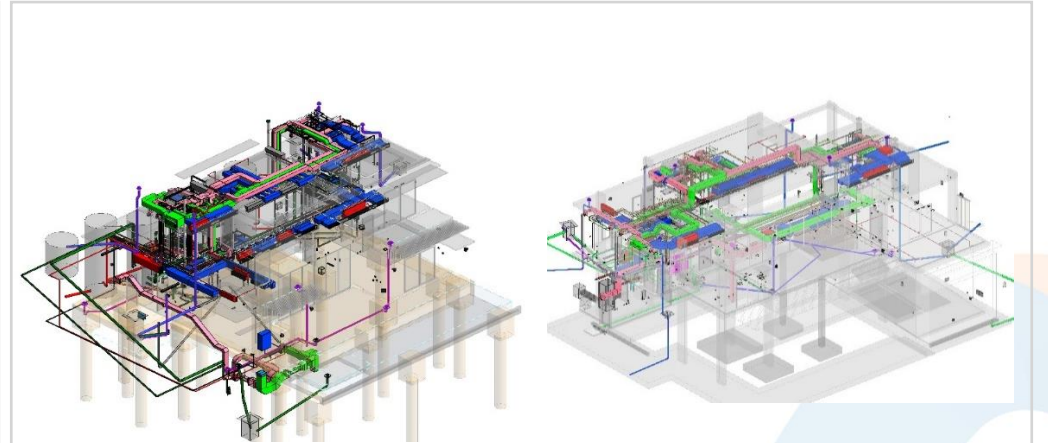
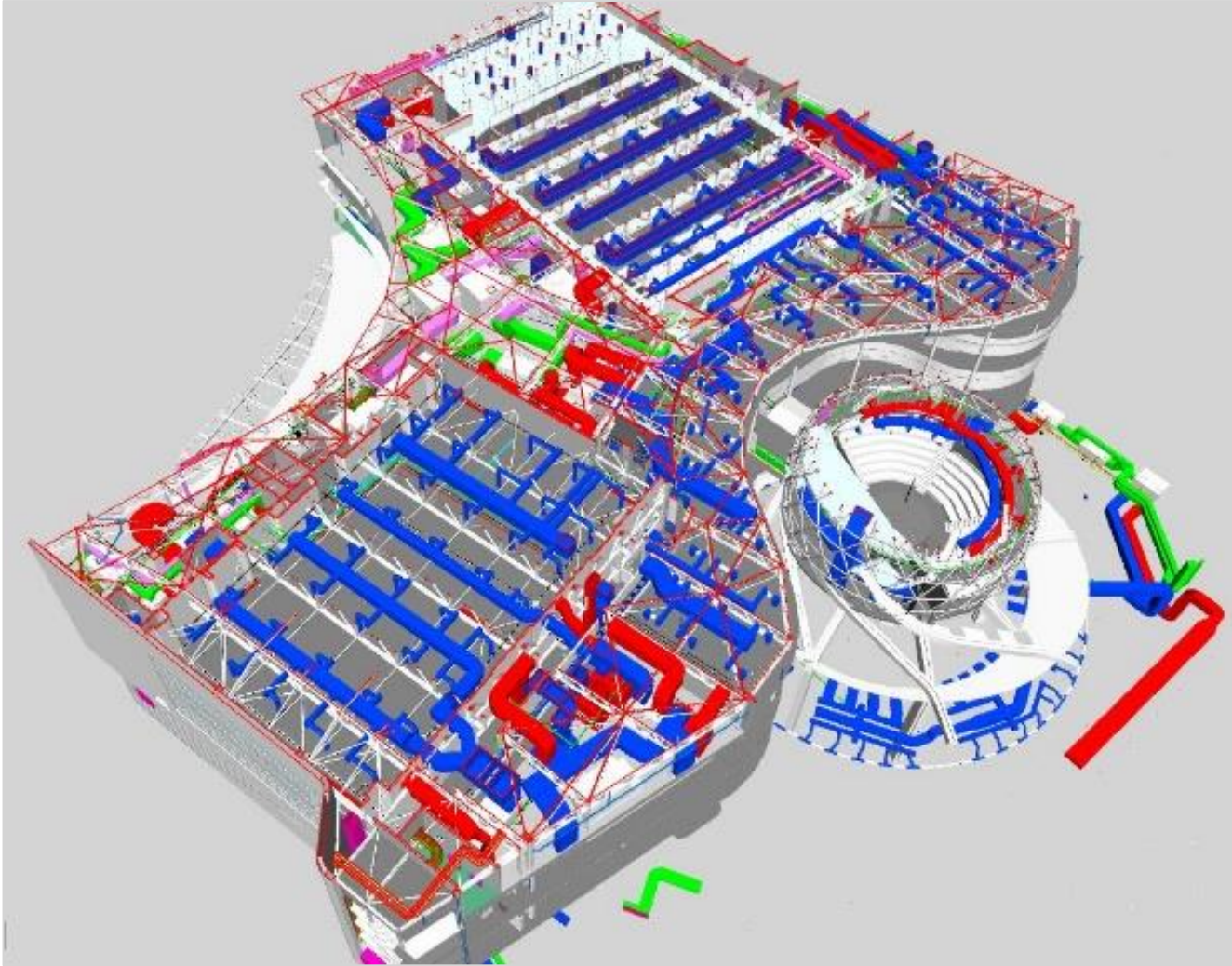
Deployed Project | One Zabeel | UAE | LOD 400



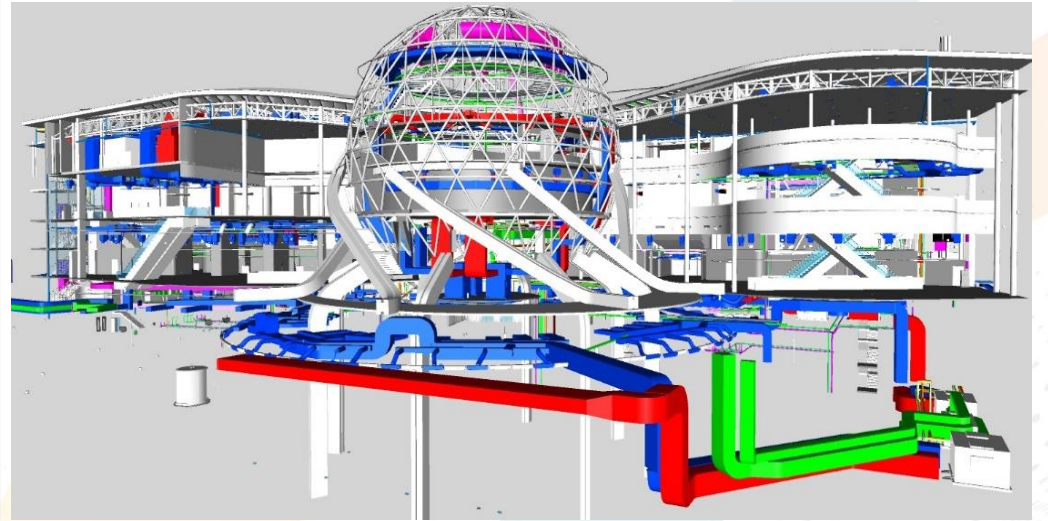
Deployed Project | SRG Towers | UAE | LOD 300



Projects: MEP | Design Stage

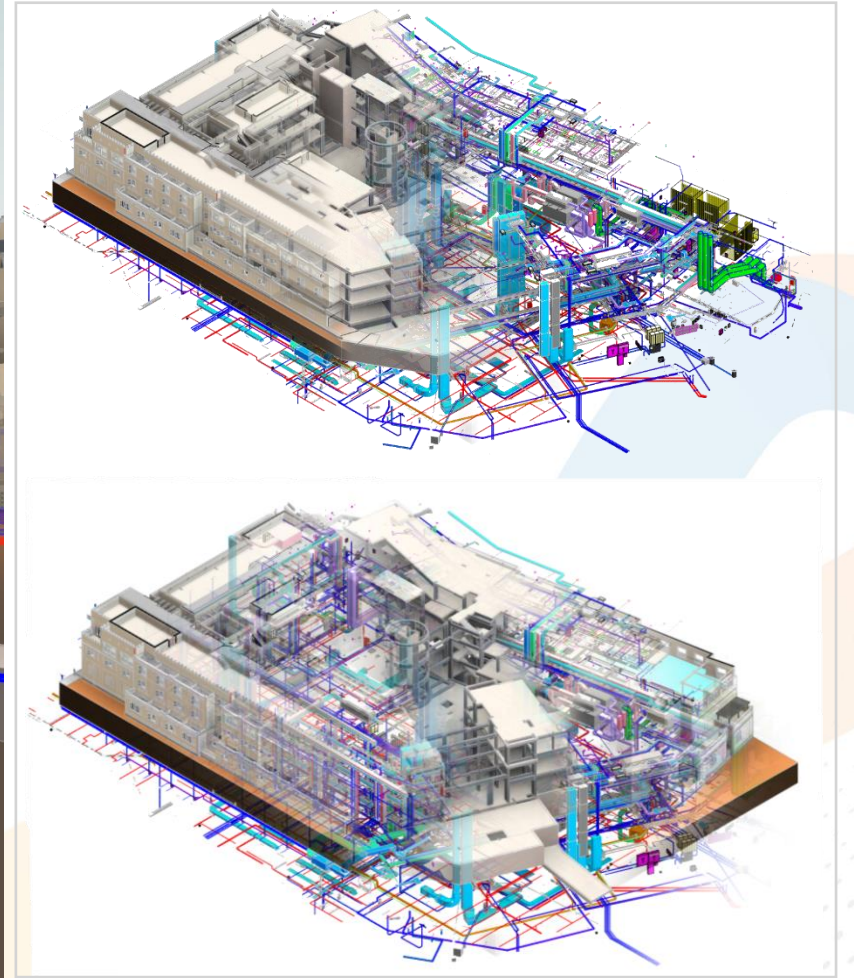
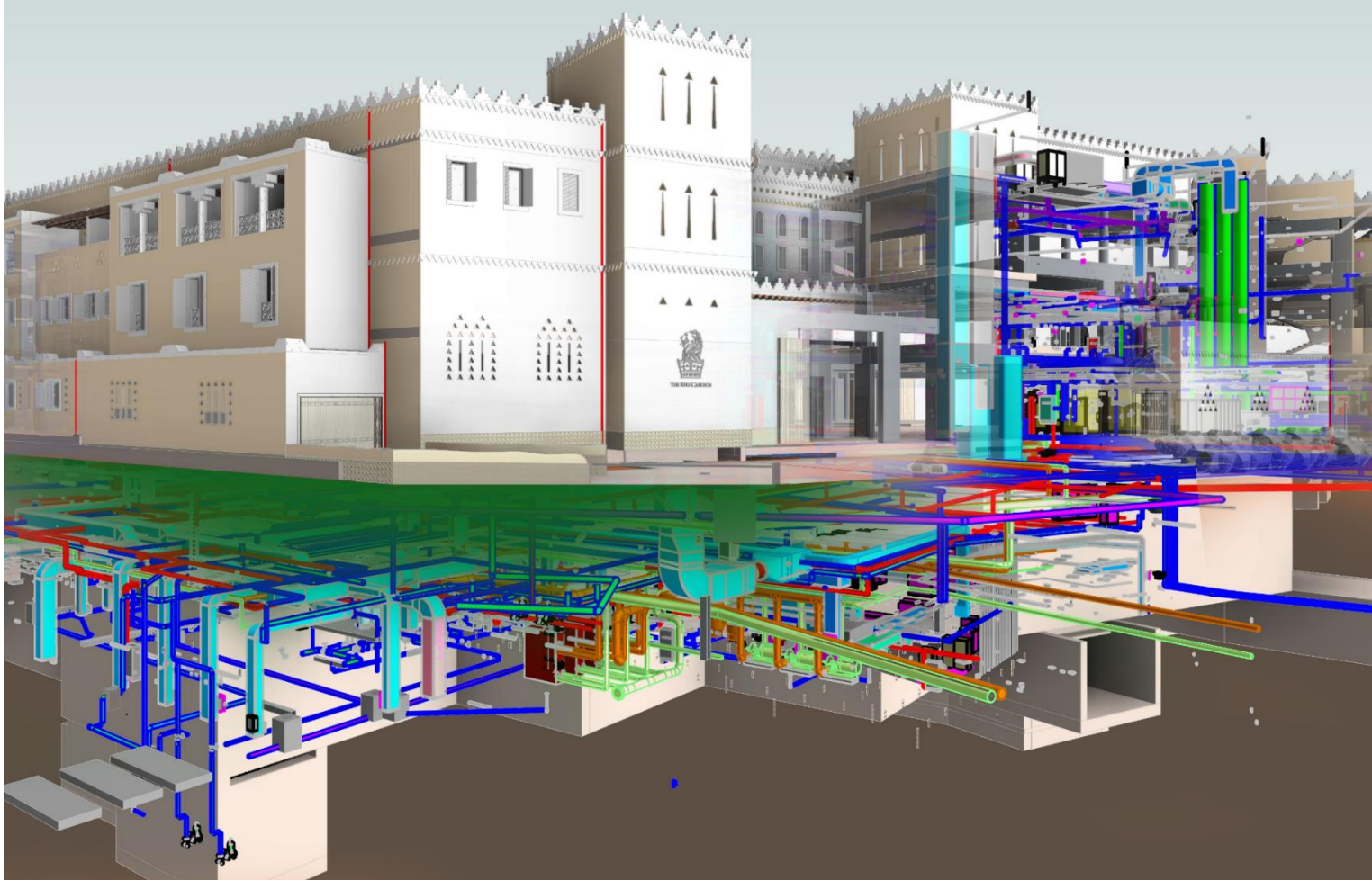


Villas at the Island | UAE | LOD 300



Central Entertainment at the Island | UAE | LOD 300

Projects: MEP Projects in KSA



Ritz Carlton | KSA | LOD 200-300

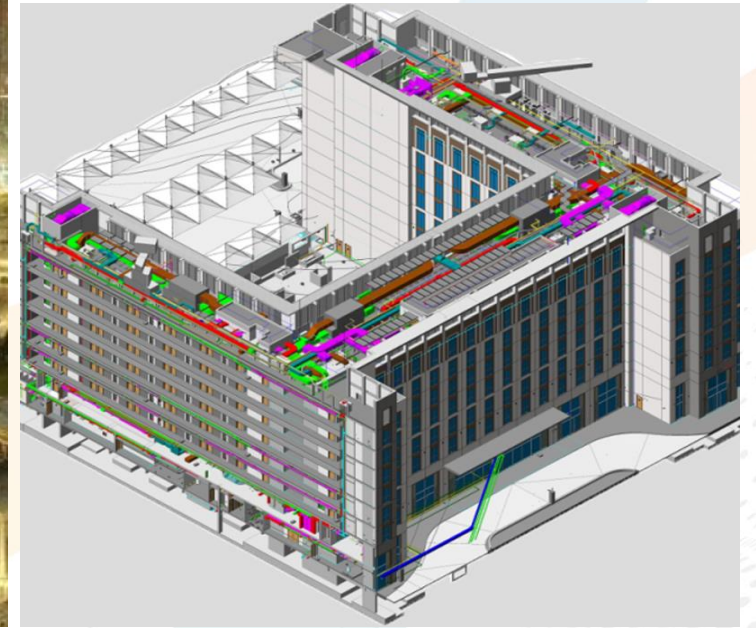
Projects: MEP | Design Stage



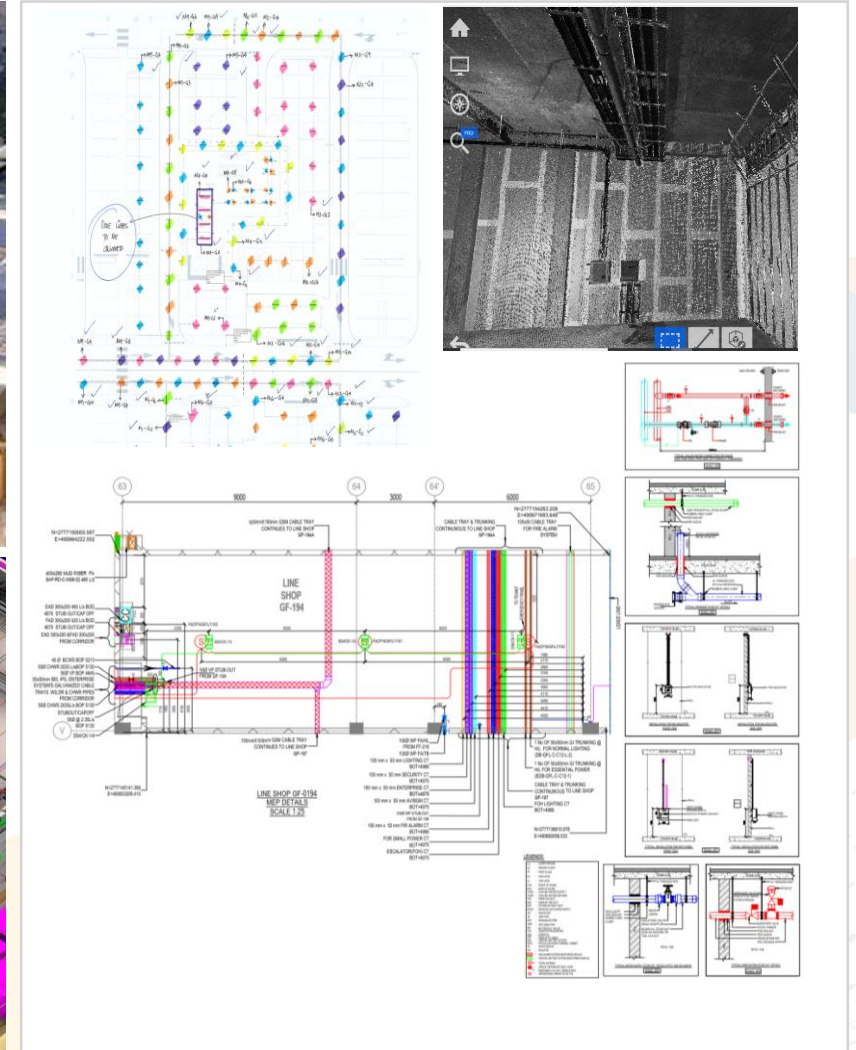
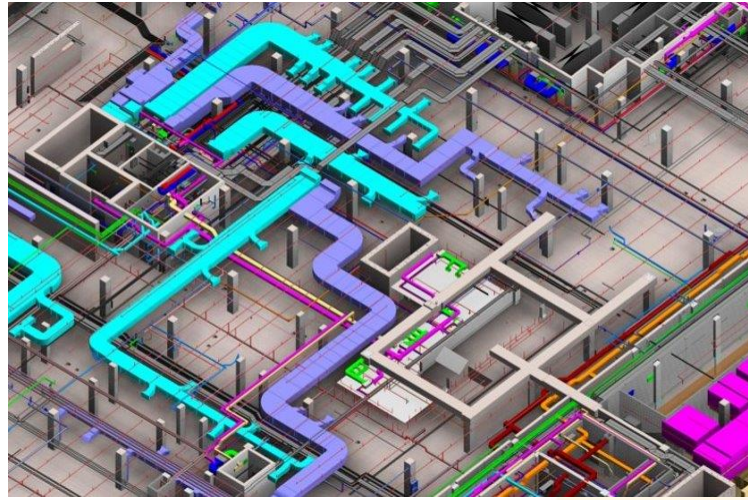
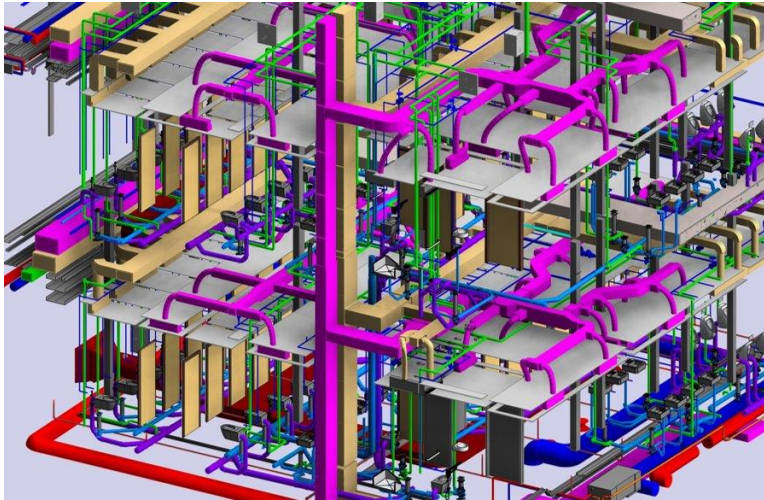
Rove Theme Park | UAE | Hospitality | LOD 300



ACT Towers| UAE | Residential | LOD 300

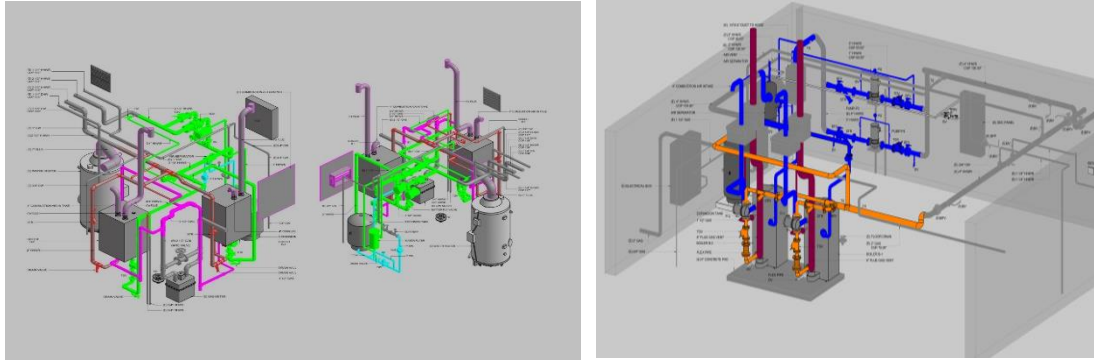


Projects: MEP | Construction & As-Built

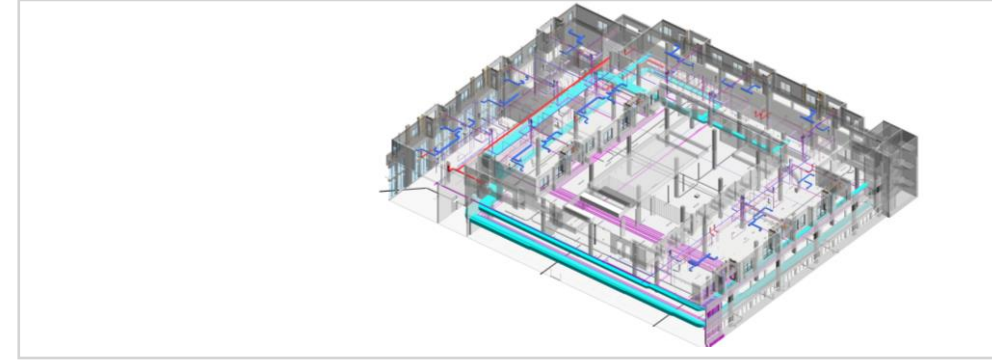


Dubai Hills Mall | UAE | LOD 400 & As-built

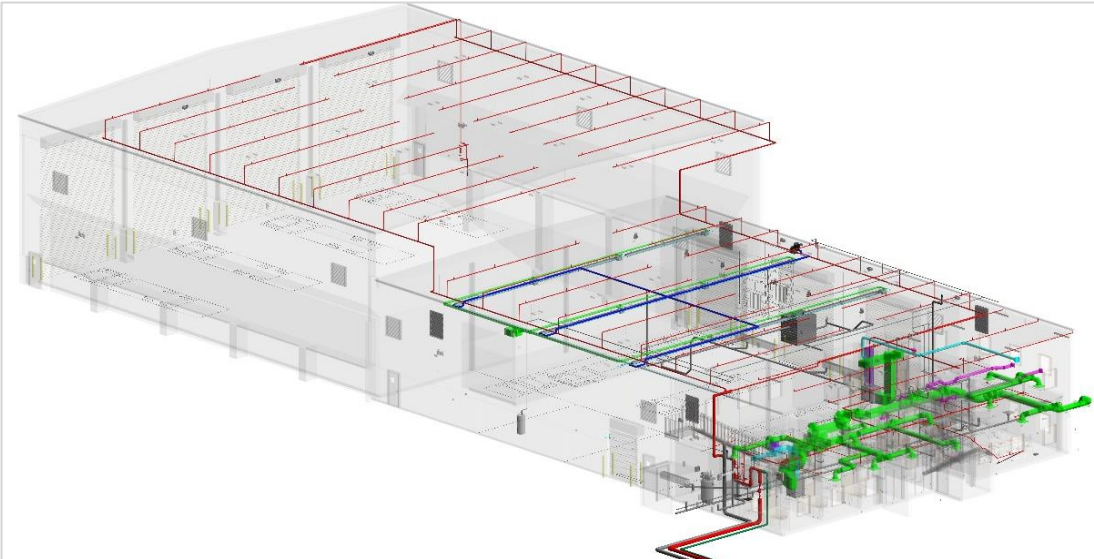
Projects: MEP Projects in USA



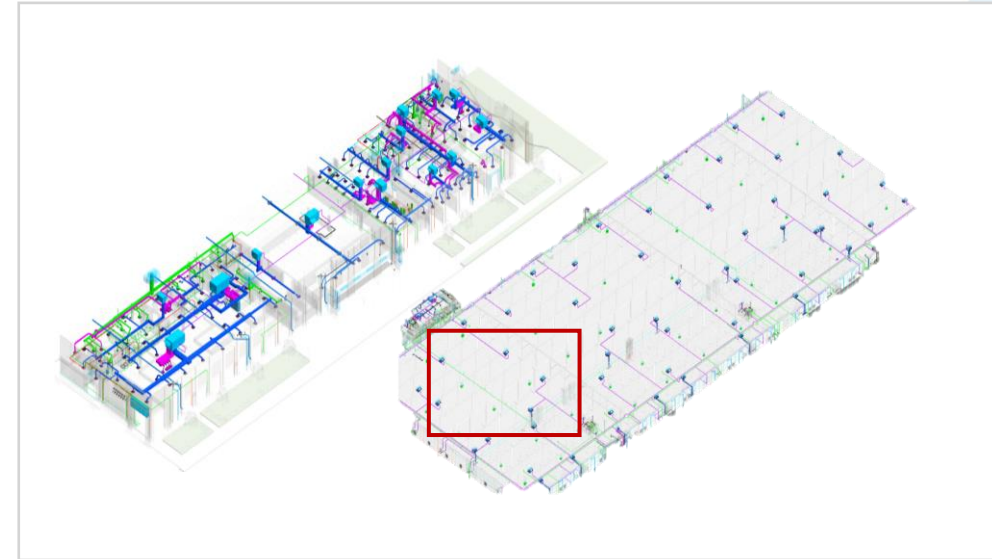
Boiler replacement projects at Wisconsin for Andhole Engineering | USA
LOD 400 -500



Chapel Project at California for Hariton Engineering | USA
LOD 200-300

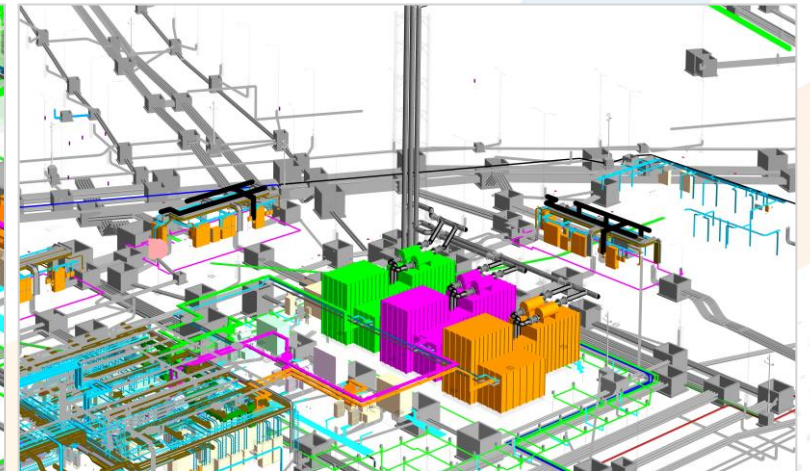
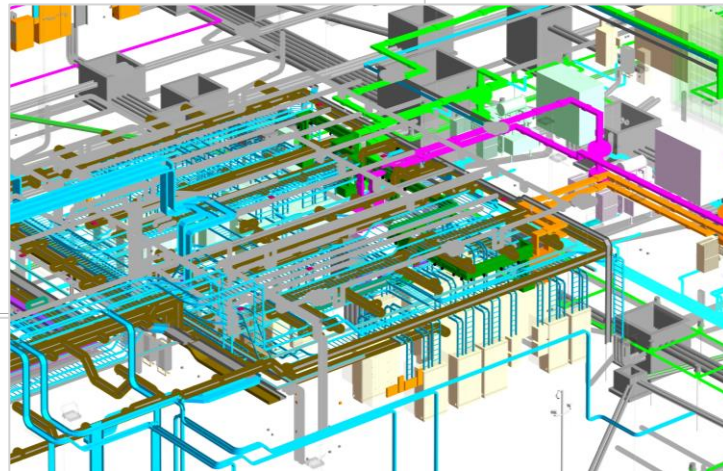
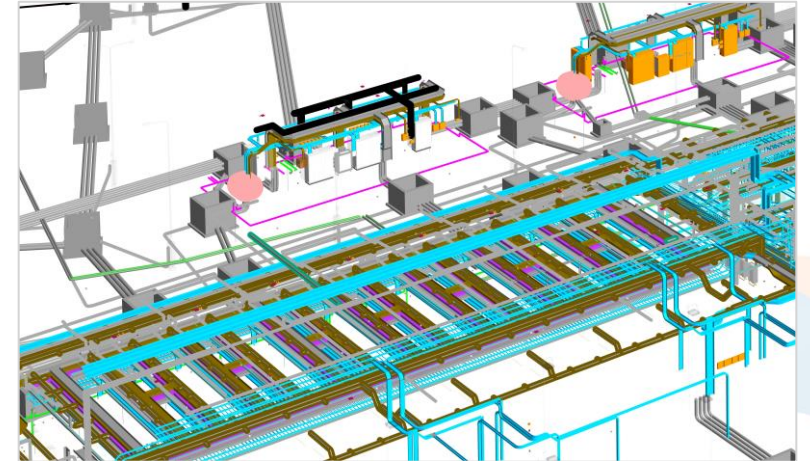
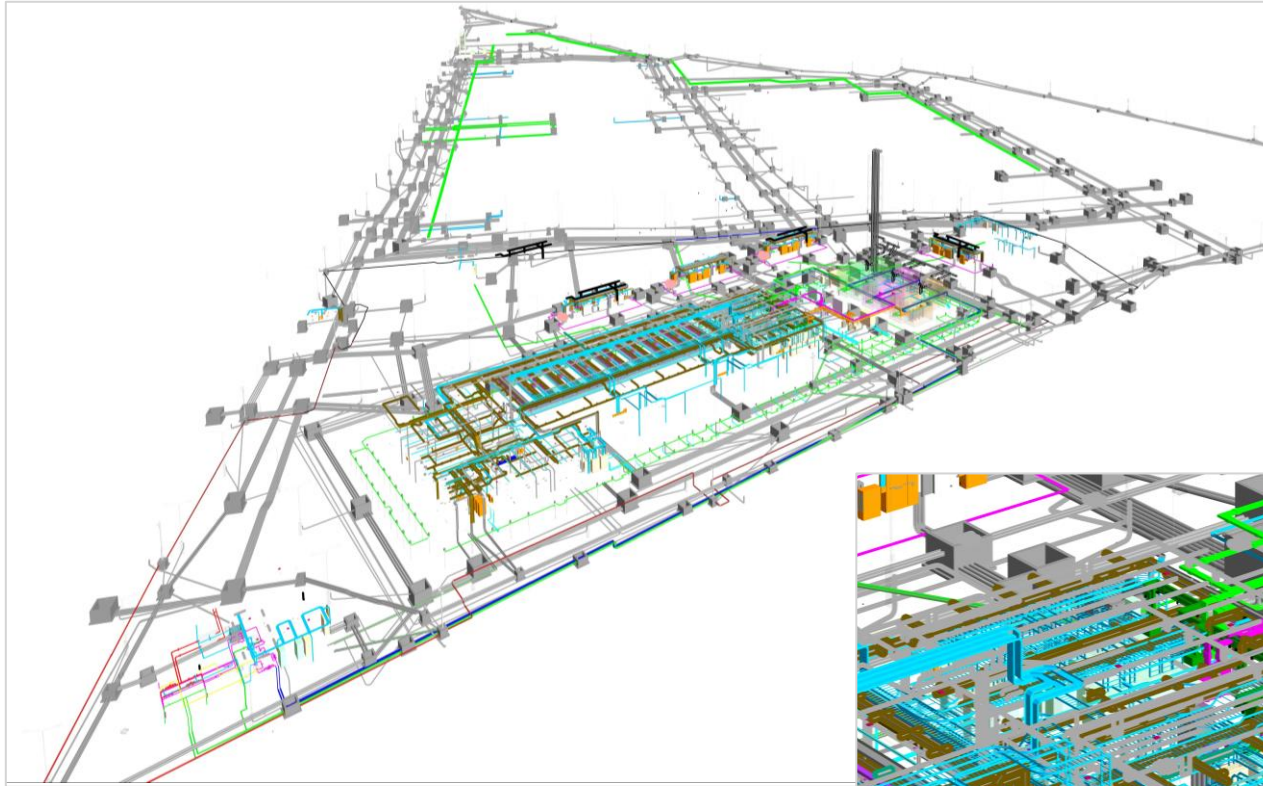


Rumpke Transfer Facility at Ohio | HGC
LOD 400



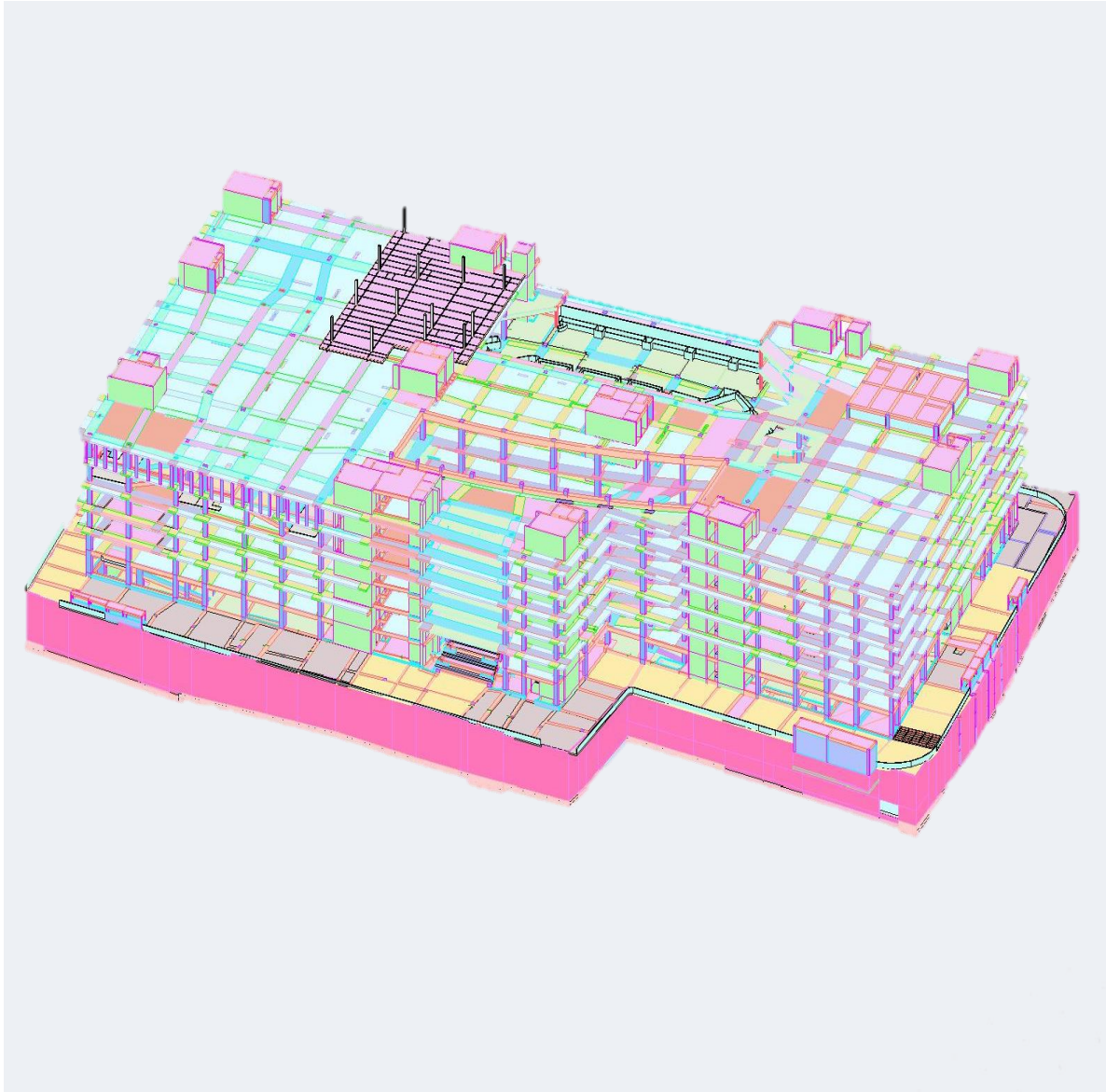
Amazon – Project Spartan at Lansing, Michigan | USA
LOD 400

Projects: MEP Projects in India



URCC | Hyderabad | LOD 400

Projects: 4D Projects in India



Actual

Planned vs Actual

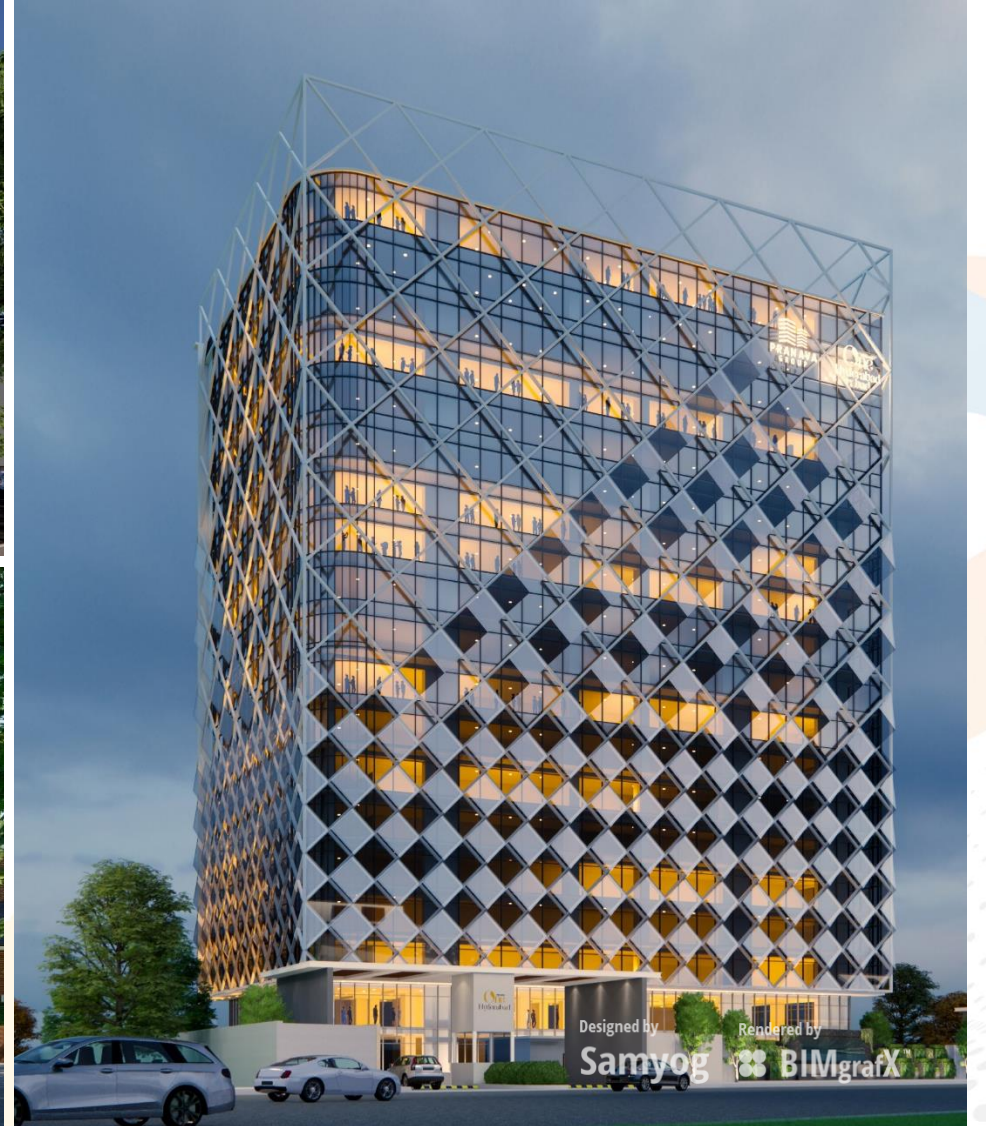
Various Interior Render Projects | Australia



Visualization Interior Projects: India



Visualization Exterior Projects: India




Virtual Reality Projects



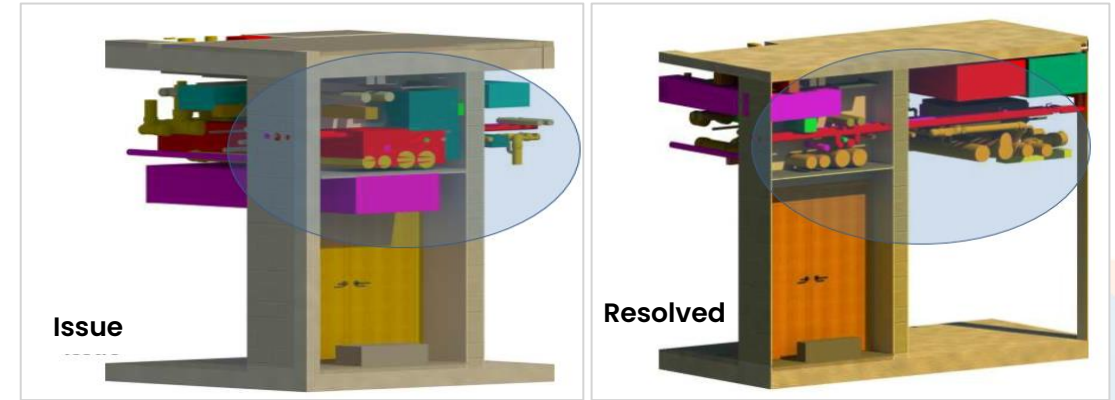
360° Panorama



View in 360° 

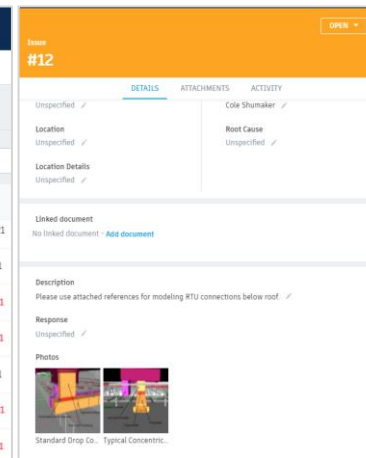
Our Collaboration Process

- Navisworks manage – issues and resolution, Clash matrix
- Live BIM models (BIM360) Autodesk Collaborate Pro
- ACP / ACC Issue tracking
- Drawings Review and Markups
- Autodesk Communicator

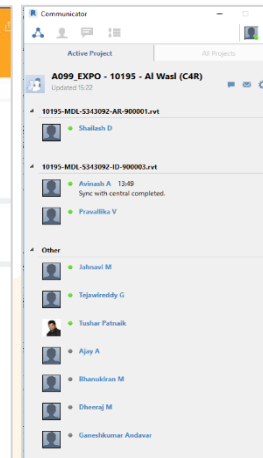


Document Management - [Project Name]							
Folders Reviews Transmittals Issues							
Issues Templates							
Issues							
ID	Type	Sub-type	Title	Location	Assigned to	Company	Due date
2	Design	Design	Update all RTU curbs to match attached submittals	-	maresh babu	BimGrafX	Sep 29, 2021
16	Design	Design	Update drawing with dimensions for stub ups	-	maresh babu	BimGrafX	Oct 11, 2021
23	Observation	Quality	Update Electric Heaters with Attached Submittal	-	maresh babu	BimGrafX	Oct 14, 2021
22	Observation	Quality	Update Fire Dampers with Attached Submittal	-	maresh babu	BimGrafX	Oct 13, 2021
14	Design	Design	Update sheet with missing dimensions	-	maresh babu	BimGrafX	Oct 11, 2021
4	Design	Design	Update Storm Lines to match detail	-	maresh babu	BimGrafX	Sep 27, 2021
21	Observation	Quality	Update Supply Fans with Attached Submittal	-	maresh babu	BimGrafX	Oct 12, 2021

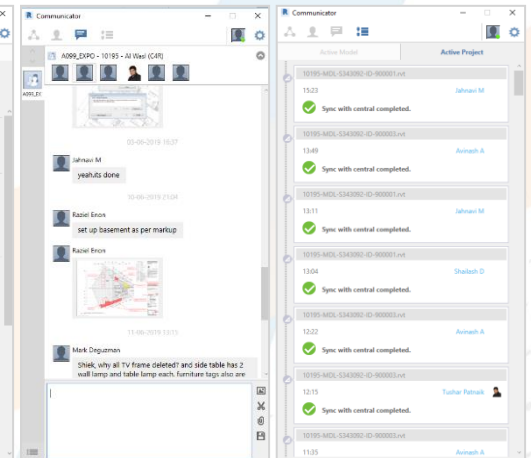
Issues Assignment to Team for Delivery Schedules



Issues Detailed Notes

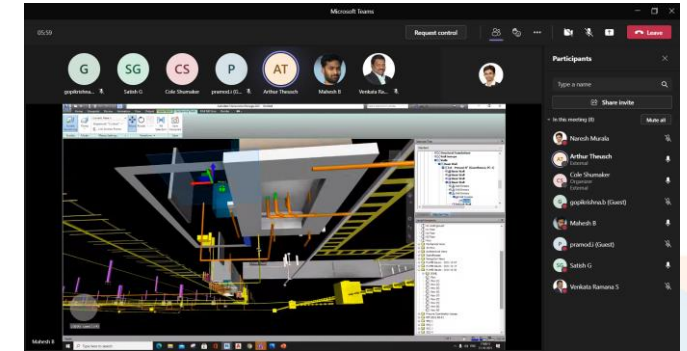


Autodesk Communicator for Teams collaboration



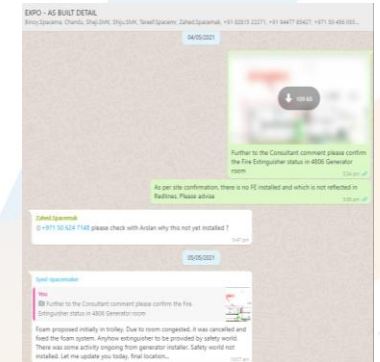
Communication Management

- Communication
 - Email-Outlook Project groups
 - Microsoft Teams – Project site
 - WhatsApp Project group



- Data Exchange process – Documents exchange through

- Box
- Dropbox
- SharePoint
- Aconex
- Emails
- WeTransfer etc.,



Our Clients

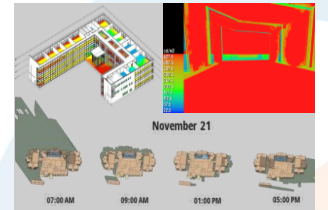
ROW										
Middle East										
India										

Recap

- Multi disciplinary capable team to deliver the projects efficiently
- BIM Intelligence and Coding
- Early issues will be identified; we demonstrated our experience in mitigation
- Good experience in BIM Management, BIM Development demonstrated
- We understand the concerns of all stakeholders, well experienced in managing their requirements
- Extensively worked in ISO 19650, UK BIM Mandate, and other related BIM standards
- Familiar with complex BIM challenges are successfully delivered
- Training and Research team assistance on projects



BIM training & implementation



Sustainability Services



Visualization & VR



As-built & FM integration



Architectural BIM



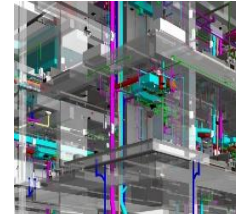
Interior BIM



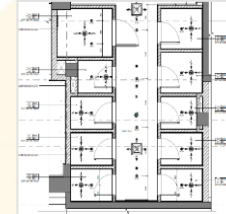
Landscape BIM



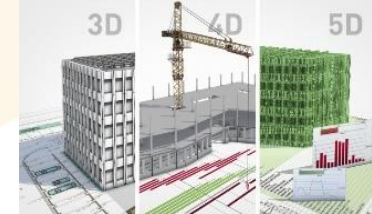
Structural BIM



MEP BIM



Documentation



4D Scheduling & 5D Estimating



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Design & PMC | BIM Services | Visualization & VR | Academy