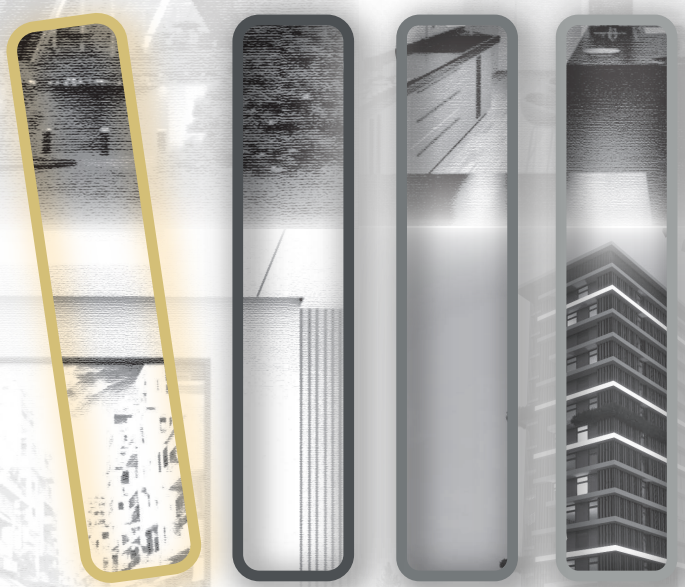


Siguan

Design & BIM

Consultants



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Siguan
Design&BIM
Consultants

Architecture is where ideas become space, and space becomes experience.

Every structure begins as a concept—an abstraction shaped by context, function, and human need. Through careful design, technical precision, and coordination across disciplines.

Our work focuses on the intersection between architecture, engineering coordination, and digital methodology. By leveraging advanced **BIM workflows and collaborative design processes,** we aim to ensure that architecture is not only visually coherent but also technically sound, constructible, and adaptable to complex project environments.

In this sense, architecture is not merely the creation of buildings—it is the design of environments that support life itself.

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Siguan Design&BIM Consultants

Expertise



Design & Visualization

- Concept Development
- Planning & Space Optimization
- Architectural Animation
- Virtual Reality
- Design Coordination



BIM Development & Coordination

- LOD100–500
- Shop Drawing
- As-Built
- Documentation
- Quantity Extraction



Project Assurance

- QA/QC
- ISO 19650
- Model Health
- ACC
- Revizto
- Issue Tracking
- Custom QA Platform
- Delivery Monitoring

Technology Ecosystem

Building Information Modeling (BIM)

- Autodesk Revit
- Autodesk Navisworks
- Vierra Revizto
- Autodesk ACC
- Autodesk Dynamo
- Kubus BIMcollab
- Nemetschek Solibri
- Oracle Aconex

CAD & Modeling

- McNeil Rhinoceros
- Google Sketchup
- Autodesk Autocad

Visualization

- Act-3D Lumion
- Epic Games Twinmotion
- Deminsion 5 D5 Render
- Autodesk 3DS Max +Corona

Our Involvements & Collaborations

Qiddiya

أمـــالا AMAALA

Red Sea Global

ATKINS

PARSONS

مدينة زايد Zayed City

روشـــن

نوبكو nupco

The Siguan

Project Assurance System

Our assurance system combines **people, processes, and technology** to deliver **coordinated, compliant, and construction-ready information** across every stage of a project.

Automated Task & Issue **Management**

Dedicated Projects Management Platform

Assigned responsibilities

Trackable Due dates

Progress Dashboard

Issue tracking

Closure verification

Weekly Project Health **Checks**

Model publishing status

Worksharing validation

Naming convention compliance

BIM Execution Plan compliance

Coordination readiness

Submission readiness

Model cleanliness and purge verification

CDE synchronization verification

Client **Transparency** & Collaboration

Clear responsibility matrix

Shared issue visibility

Structured decision tracking

Faster client responses

Better stakeholder alignment

Reduced ambiguity

Executive **Oversight** & Reporting

Weekly project health reports

Submission readiness status

Outstanding issue summary

Team performance visibility

Risk indicators

Submission readiness

Early management intervention

Custom Developed Infallible **QA/QC** Platform

Role-based checklists

BIM Manager workflow

BIM Coordinator workflow

BIM Modeler workflow

Discipline-specific reviews

Automated QA/QC reports

Submission readiness score

Historical audit trail

Digital Client Project **Governance**

Coordination status dashboard

Clash resolution progress

Model maturity tracking

Submission milestone monitoring

Decision and action visibility

Team performance indicators

Continuous Professional **Development**

ISO-19650 principles

OpenBIM methodologies

Internal BIM standards

Coordination best practices

Software and workflow updates

Lessons learned workshops

And Still **Developing**

Book an introductory meeting directly with our team

Scan or Click on the QR Code below

Siguan's BIM delivery framework
has been assessed against the **BIM Excellence BIM Maturity Matrix**, demonstrating a predominantly **Integrated Maturity Profile.**

Our **technology, processes and organizational controls** are connected through **standardized workflows, measurable quality checks, defined responsibilities and structured information management.**

Consistent Delivery | **Continuous Improvement** | **Clear Accountability** | **Controlled Quality**

Selected BIM Projects ►

Four Seasons Hotel - Triple Bay

Amaala, Saudi Arabia

BIM Collaboration

- **LOD: 400 / 500**

- Scope of Work:
  - Interior Fit-Out Modeling & Documentation
  - Inter-diciplinary Coordination
  - Parameter Popoulation
  - 4D Simulation

- Description: Delivered LOD 400/500 BIM for luxury interior finishes, focusing on precise detailing, design intent preservation, and multidisciplinary coordination for a high-end hospitality environment.

أمـــالا
AMAALA

Red Sea Global

Foster + Partners



Mohamed Ben Zayed City

Abu Dhabi, United Arab Emirates

BIM Collaboration

- **LOD: 350**

- Scope of Work:
  - Architecture Modeling
  - Concrete & Steel Structural Modeling
  - MEP Modeling
  - **In-house** Inter-diciplinary Coordination

- Description: BIM implementation project for the Mohamed Bin Zayed Community Facilities in Abu Dhabi. The scope included multidisciplinary coordination and model development for the LOD300 stage, supporting design integration and construction readiness across all disciplines.

مدينة زايد
Zayed City

HILL
International

PROMPT
General Contracting



Six Flags Theme Park - Al Qiddiya City

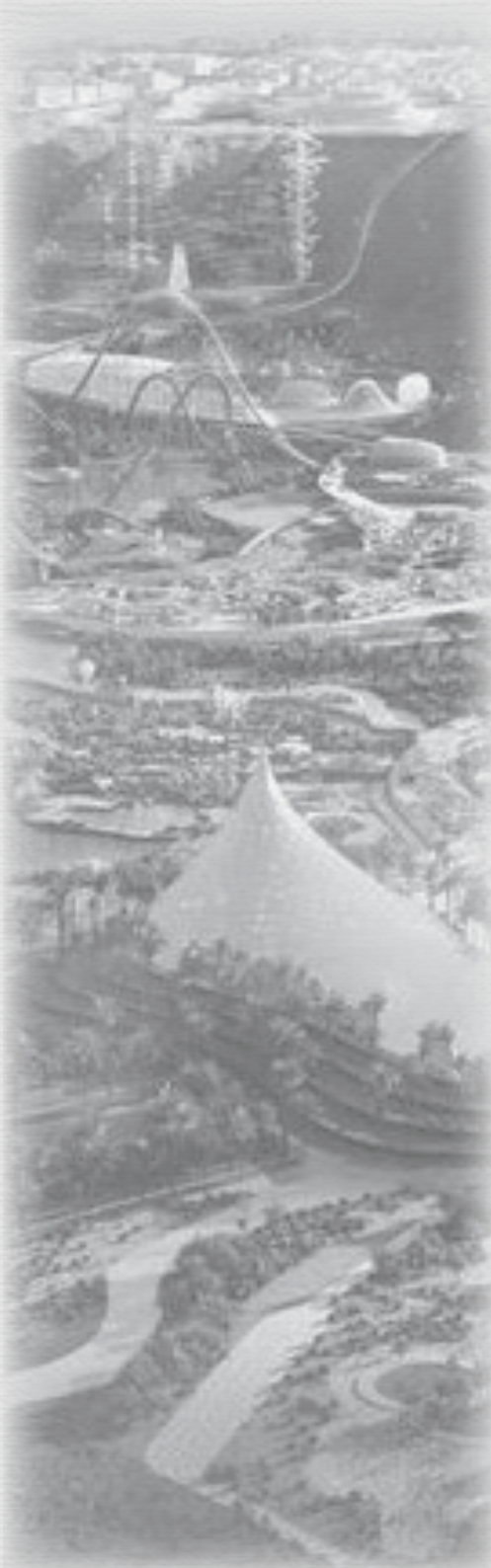
Riyadh, Saudi Arabia

BIM Collaboration

- **LOD: 400 / 500**

- Scope of Work:
  - Theming + Facade Modeling & Documentation
  - Inter-diciplinary Coordination
  - Parameter Popoulation

- Description: Involved in the theming process, the most crucial part of a project as such, collaboration and communication with suppliers and MEP were essential to the completion of the projects as well as experience and anticipation of clashes between diciplines



Aquarabia - Al Qiddiya City

Riyadh, Saudi Arabia

BIM Collaboration

- **LOD: 400 / 500**

- Scope of Work:
  - Waterproofing Modeling & Documentation
  - Coordination with Structure & Architecture

- Description: Using Autodesk Construction Cloud and Revizto for clash detection and coordination our scope covered the waterproofing part of the project which required coordinatioin with the supplier, contractor and other disciplines for a successful implementation.

Qiddiya

Dewan Architects + Engineers

ESA El Seif • ALEC

CRE-TEC SAUDI CONCRETE TECHNIQUE CO. LTD.



Red Sea International Airport

Tabuk Province, Saudi Arabia

BIM Collaboration

- **LOD: 400 / 500**

- Scope of Work:
  - Artwork Modeling & Documentation
  - Inter-diciplinary Coordination
  - Parameter Popoulation

- Description: Coordinated Large Designer architectural elements with all engineering disciplines to ensure model consistency and clash-free integration. Managed parameter population and data structuring in accordance with Red Sea Global (RSG) BIM standards, ensuring compliance with project information requirements and model usability across teams.

Red Sea Global

Aimes

Foster + Partners



AlManar Residental City by ROSHN

Makkah, Saudi Arabia

BIM Collaboration

- **LOD: 350**

- Scope of Work:
  - Architecture Modeling & Documentation
  - Inter-diciplinary Coordination
  - Value Engineering Implementation

- Description: A residential BIM coordination scope involving multiple villas and façade alternatives, supported by value engineering and rapid design iteration. Siguan helped restructure and adapt models while preserving functional layouts, improving design efficiency, minimizing disruption, and supporting informed technical decision-making.



Pure Data Center

Abu Dhabi, United Arab Emirates

BIM Collaboration

- **LOD: 350**

- Scope of Work: Landscape Modeling & Documentation

- Description: A mission-critical BIM coordination project using Autodesk Construction Cloud and Revizto to manage interdisciplinary interfaces across architecture, landscape, and MEP. Siguan supported clash detection, technical coordination, and supplier alignment to help maintain model reliability and reduce execution risks.

PURE DC

LAING O'ROURKE



L01 Riyadh Office Complex

Riyadh, Saudi Arabia

BIM Collaboration

- **LOD: 350**

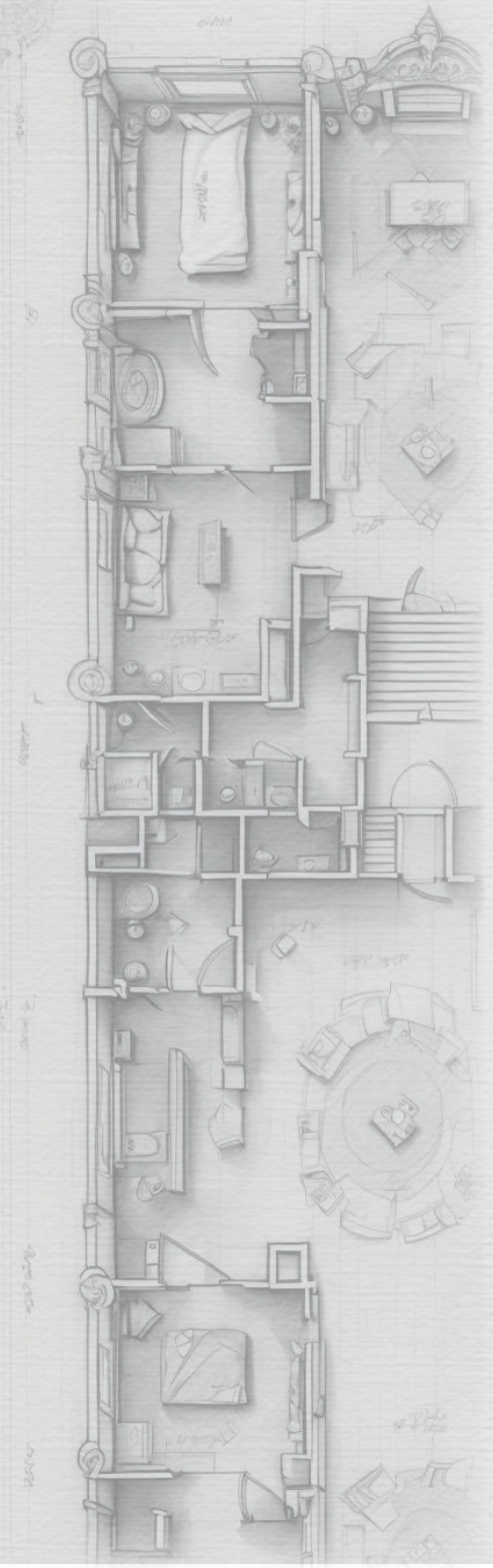
- Scope of Work:
  - Interior Fit-Out Modeling & Documentation
  - Inter-diciplinary Coordination

- Descripton: A fit-out coordination project involving gyms, lobbies, and a royal clinic, where multiple suppliers and disciplines had to align within a shared BIM environment. Siguan supported interior fit-out coordination, MEP integration, and clash resolution to help deliver a more coordinated and execution-ready model.

PARSONS

dar

MBL



Four Seasons Hotel - Jeddah

Jeddah, Saudi Arabia

BIM Collaboration

- **LOD: 400**

- Scope of Work:
  - Architecture Modeling & Documentation
  - Inter-diciplinary Coordination
  - Parameter Popoulation

- Description: A hospitality BIM scope focused on delivering accurate partitioning shop drawings while respecting the interior design intent. The work required intensive coordination with the ID team and MEP disciplines to balance architectural quality, wall performance requirements, and technical execution constraints.

WME

DSA ARCHITECTS INTERNATIONAL

SOM



Nupco Holding Warehouse

Dammam, Saudi Arabia

BIM Collaboration

- **LOD : 200**

- Scope of Work:
  - Architecture Modeling
  - Early Structural Modeling
  - Industrial Standards Application

- Descripton : An early-stage LOD 200 Revit model developed to support planning, estimation, and future BIM development. The model served as a reliable foundation for schedules, quantity studies, and later-stage submissions, helping structure the project information from the beginning of the delivery process.



Siguan
Design&BIM
Consultants

Selected
Design Projects

Our design work is driven by the dialogue between **concept, context, and constructability.**

Through architectural design, visualization, and documentation, Siguan develops spaces that are visually refined, technically coherent, and aligned with the client's ambitions.



117 Morino

LOCATION

Victoria Islands - Lagos, Nigeria

CATEGORY

Design & Visualization

Sitting in the heart of the most luxurious area in Lagos - Nigeria, the design of this residential complex includes high end amenities like indoor parking, pool & gym access and most importantly luxurious, spacious apartments

117 Morino
Victoria Islands - Lagos, Nigeria
Design & Construction Documentation








117 Morino
RECEPTION





AR Residence

LOCATION

Baabdat, Lebanon

CATEGORY

Design & Visualization

Being home to a young couple, a luxurious project conveying warm feelings through selected materials and proportions, reflecting comfort and familiarity to turn the house into a home through the power of Architecture

AR Residence
Baabdat, Lebanon
Design & Construction Documentation













YN Residence

LOCATION

Montreal, Quebec - Canada

CATEGORY

Design & Visualization

Commissioned by a Lebanese citizen living in Canada, YN residence is a summer house that takes advantage of nature's resources and strategies while giving back as much as possible and reducing its impact on surrounding forests and water resources

YN Residence

Montreal - Quebec, Canada

Design & Construction Documentation





















T1 Pilot Lofts

LOCATION

Chouf, Lebanon

CATEGORY

Design & Visualization

A Pilot Project designed to be replicated over a wide plot in the Shouf area, this design takes the surrounding nature inside through big glass facades. Its thin / longitudinal form helps preserving the integrity of proximate greenery by fitting among instead of replacing them while taking advantage of the shade, reducing the long term costs and carbon footprint

T1 Pilot Lofts

Chouf, Lebanon

Design & Construction Documentation









