

PROFESSIONAL PORTFOLIO / 2026

MOHAMMED HASHIM HASSAN

SENIOR ARCHITECT · PROJECT DELIVERY

SELECTED WORK / 2019—2026 mohammedhashimhassan.com

I work where **design intent**, **technical information** and **site readiness** must agree.



MOHAMMED HASHIM HASSAN

SENIOR ARCHITECT · PROJECT DELIVERY
Technical Design / Coordination / Project Delivery

Across royal, aviation and automotive projects, I translate complex design intent into coordinated packages, resolve multidisciplinary interfaces and support execution with site-ready information.

7+ YEARS / B.ARCH / SCE ASSOCIATE

mohammedhashimhassan.com

CURRENT PRACTICE

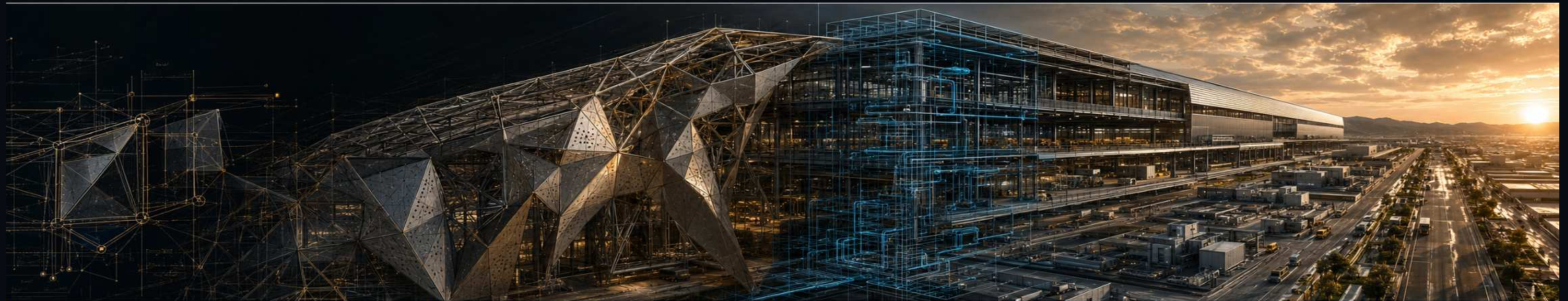
- Technical design & package leadership
- Multidisciplinary BIM / CDE coordination
- Site coordination & technical resolution
- Forward-readiness & delivery control

Each assignment expanded what I was responsible for.

The scope widened from one architectural interface to package leadership, a coordination environment and integrated project readiness.

Architecture remained the technical foundation.

RESPONSIBILITY EXPANDS



01 L01 ROYAL PALACE

INTERFACE CONTROL

Bespoke geometry → constructable information

02 NEOM BAY AIRPORT

PACKAGE LEADERSHIP

260+ drawings · ~2 months · LOD 300 → 350

03 CEER MANUFACTURING FACILITY

COORDINATION ENVIRONMENT

2D IFC → BIM / CDE · site sequencing

04 ASP · BENTELER

INTEGRATED READINESS

Building delivery · alignment · 3-4 month horizon

A CONSISTENT LANGUAGE / ACROSS CHANGING WORK

The projects change. The signals remain clear.

One visual grammar keeps movement, evidence and decisions distinct.

FOLLOW WHAT MOVES

information in motion

READ WHAT PROVES

evidence held in view

SEE WHAT GOVERNS

decisions hold direction

Making exceptional intent buildable began at the interface.

Across four high-sensitivity areas, bespoke geometry and premium finishes had to become coordinated construction information without diluting the design.

VVIP

CONFIDENTIAL PROJECT

4

HIGH-SENSITIVITY
AREAS

The unit of control was each junction where geometry, structure, services and finishes met.



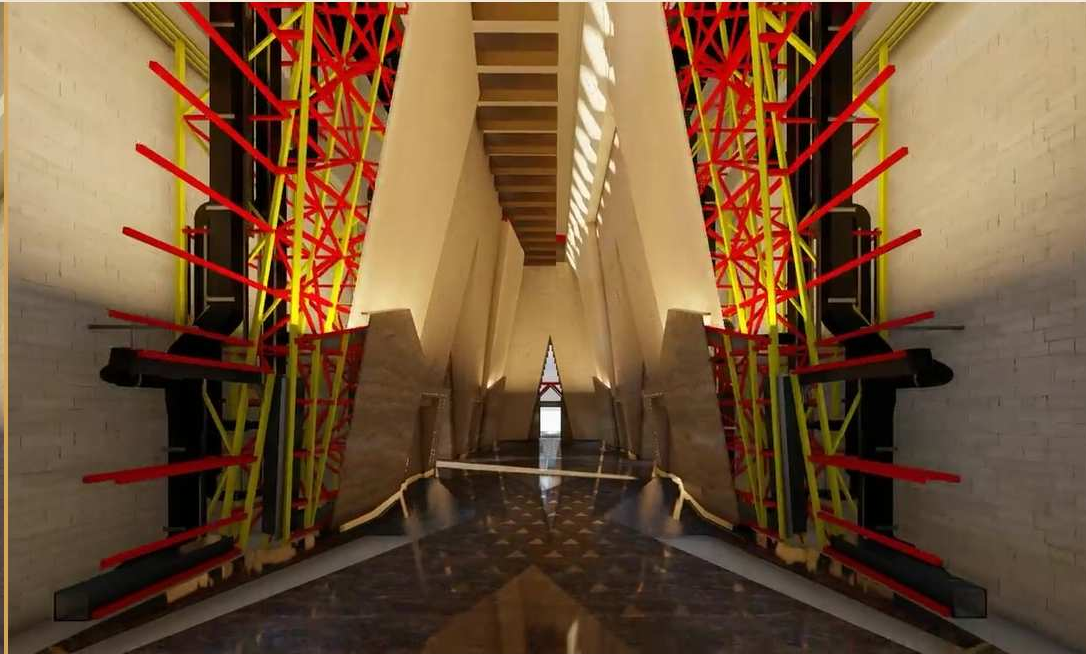
The finished surface stayed clear because the interface behind it was fully resolved.

Rhino and Revit workflows linked geometry, structure, services and finishes across the same architectural junction.



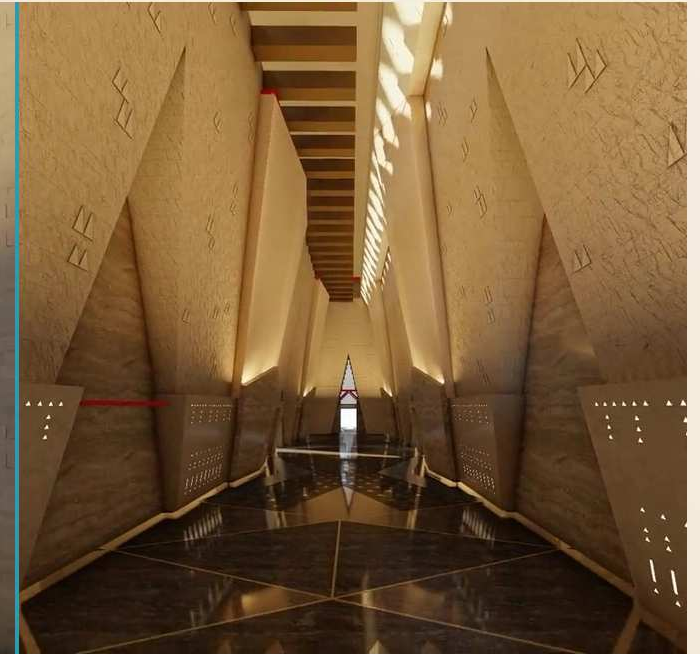
01 DESIGN CONSTRAINT

The junction had to carry hidden systems without narrowing the passage.



02 COORDINATED RESOLUTION

Structure, services, fixings and finishes were coordinated within the spine.



03 SPATIAL OUTCOME

The result remained clear, continuous and free of exposed systems.

Once complexity was controlled, the next test was speed.

260+ architectural drawings and associated BIM, interior and signage content advanced from LOD 300 to 350 in approximately two months.

260+

ARCHITECTURAL
DRAWINGS

≈2

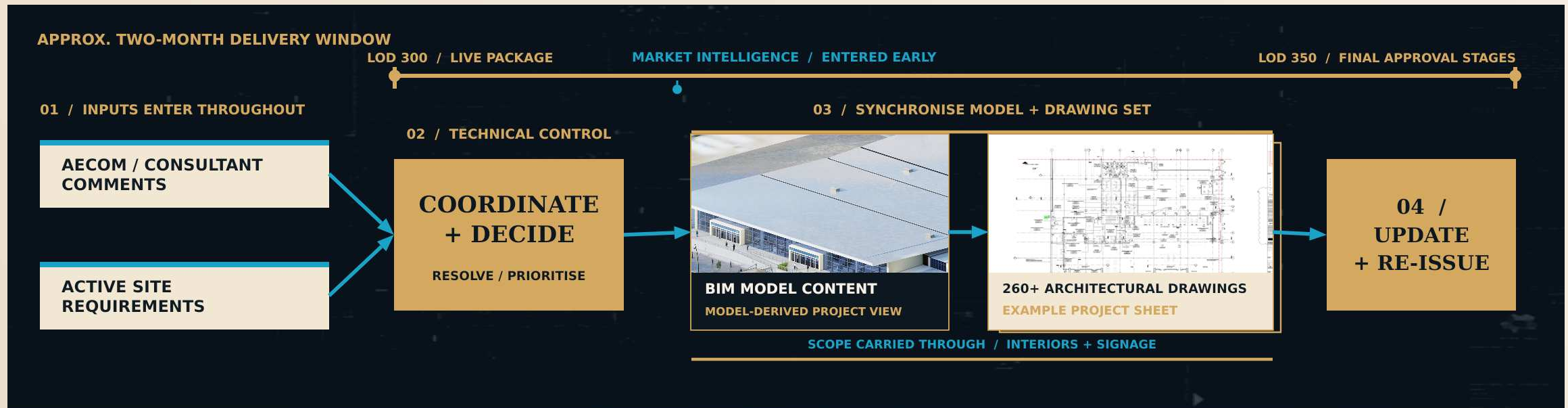
MONTH DELIVERY
WINDOW

How could model, drawings, reviews and site response advance together without losing control?



Two-month delivery depended on live production and change control.

AECOM comments and active-site requirements entered one technical-control path, then propagated through the BIM model and 260+ architectural drawing set before re-issue.



THE SHIFT

LOD 300 → 350 in ≈2 months: production and technical resolution advanced as one workflow.

Market availability shaped the design before it could delay the programme.

Façade and roof requirements were tested against Saudi and Gulf supply, then redesigned around obtainable sizes and properties while preserving design intent.

4-6 MONTHS

LEAD-TIME EXPOSURE MITIGATED

through coordinated local + Gulf-market alternatives

01 SPECIFIED REQUIREMENT

Custom façade + roof sizes and properties

02 MARKET INTELLIGENCE

Saudi + Gulf availability tested against programme

03 COORDINATED ALTERNATIVE

Obtainable system logic integrated into the package



BUILT EVIDENCE / DESIGN INTENT PRESERVED THROUGH MARKET-AVAILABLE SYSTEMS

WHY IT MATTERED

Market reality entered the package early—protecting delivery continuity before the delay materialised.

A factory of this scale needed one shared project view.

The available project information was fragmented across 2D IFC sources. The challenge was not only to develop the architectural package, but to create an environment that could align disciplines and support site sequencing.

THE QUESTION

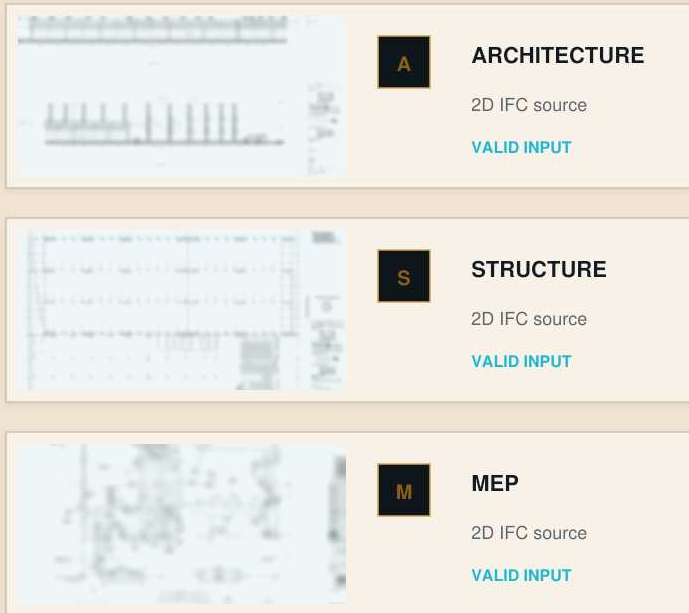
How could the architectural package become that common view?



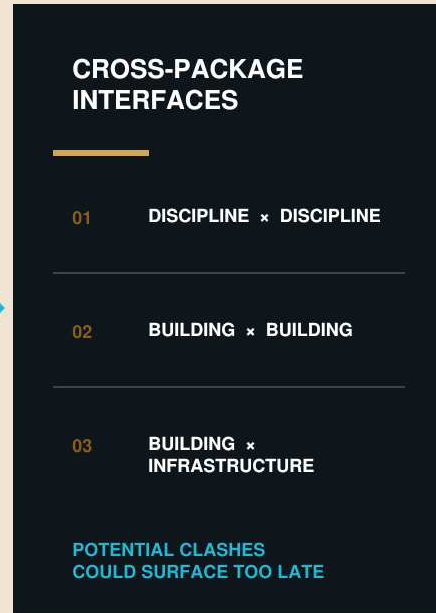
Separate coordination could work. Cross-package clashes could still reach site.

The risk was not the individual 2D IFC packages. It sat at the interfaces between disciplines, buildings and infrastructure.

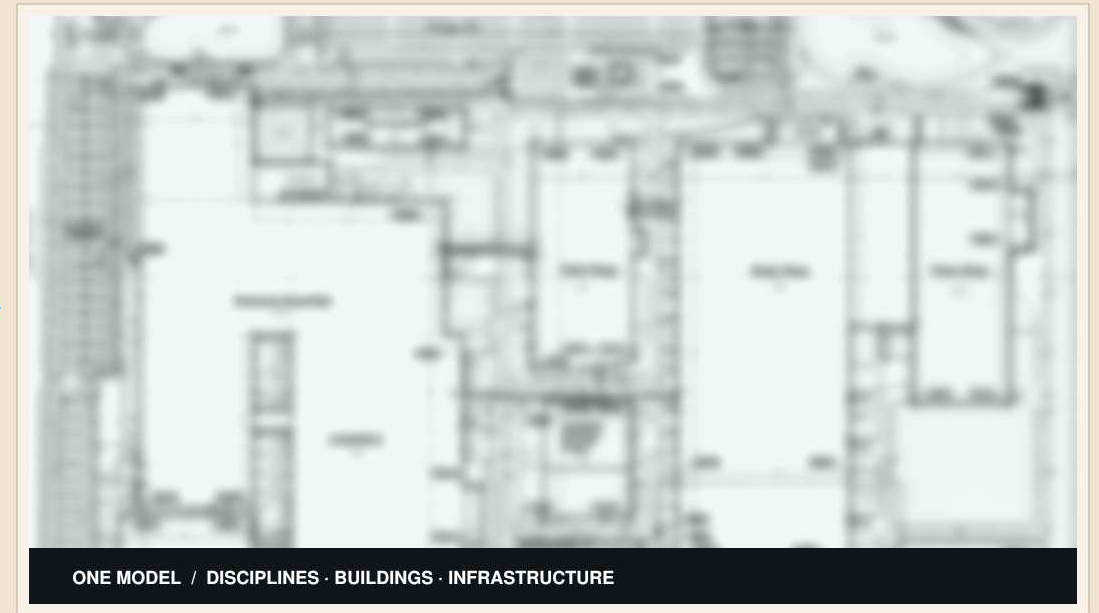
SEPARATE PACKAGE COORDINATION



WHERE THE RISK REMAINED



PROJECT-WIDE SPATIAL TEST

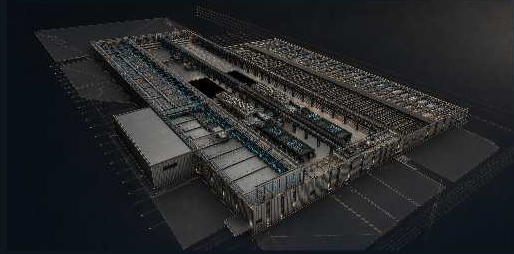


THE VALUE

Federating the packages exposed clashes before they reached construction.

I rebuilt the reference, federated the disciplines and extended the same spatial test from the Press Shop to the campus.

01 / REBUILD THE REFERENCE

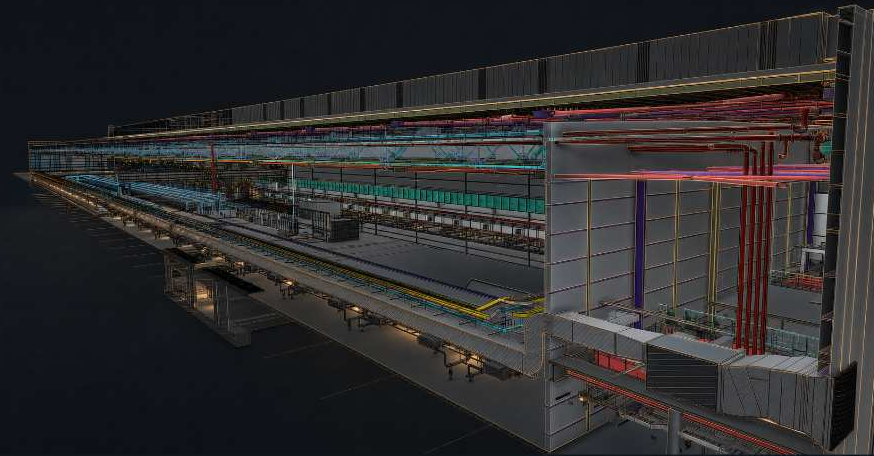


ARCHITECTURAL REFERENCE

A dependable host for coordinated inputs



02 / FEDERATE THE DISCIPLINES



PRESS SHOP FEDERATION

Architecture · Structure · MEP · process systems



03 / EXTEND TO PROJECT SCALE



CAMPUS FEDERATION

Buildings and infrastructure in one project view

THE RESULT

Clashes between packages became visible early enough to resolve—before site execution.

At Benteler, **coordinated visibility** had to become **construction readiness**.

As Building Manager for PL2, I led contractor-side integration across the production facility and supporting assets—connecting office decisions to what construction needed next.

PL2

BUILDING-LEVEL DELIVERY

3-4 MONTHS

FORWARD READINESS HORIZON

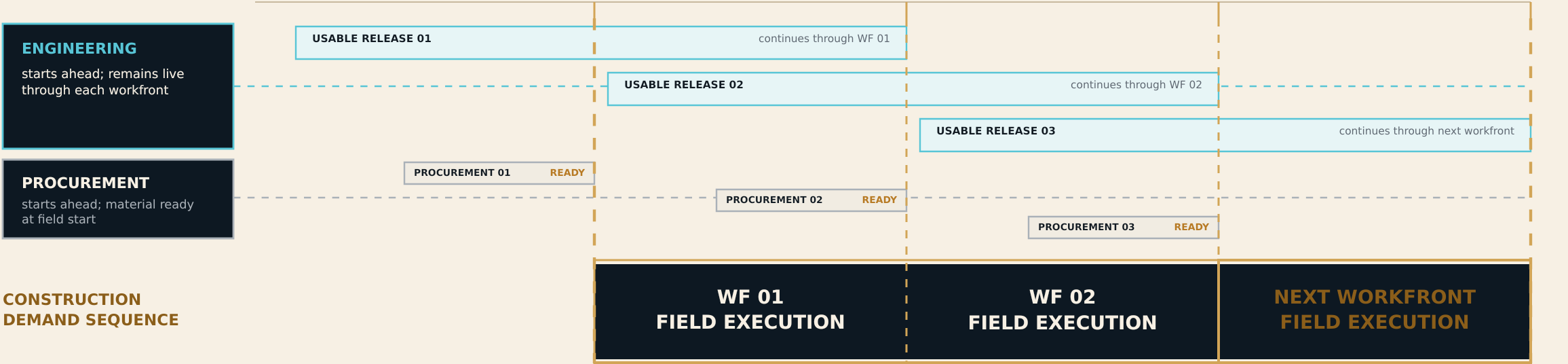
THE DELIVERY QUESTION

**How could each upcoming
workfront be made ready before
construction reached it?**



Construction set the demand sequence. Engineering and Procurement had to stay ahead of every workfront.

Engineering opened usable information before each workfront and remained active through execution; Procurement completed the required material cycle before field start.



THE PRESSURE

Procurement completed before field start; Engineering stayed live through execution.

staggered starts → rolling workfront readiness

One upcoming workfront. One owned release test. Three to four months ahead.

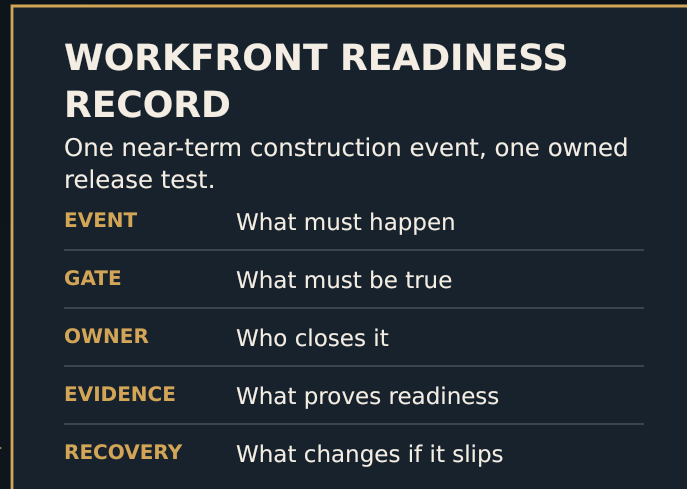
I converted cross-functional inputs into prerequisites, owners, evidence and recovery before field need.

3-4 MONTH REVIEW HORIZON

T-4 MONTHS

CROSS-FUNCTIONAL CONDITIONS

DESIGN	●
APPROVALS	●
PLANNING	●
PROCUREMENT	●
COMMERCIAL	●
QA/QC	●
CONSTRUCTION	●
SITE	●



TO / FIELD NEED

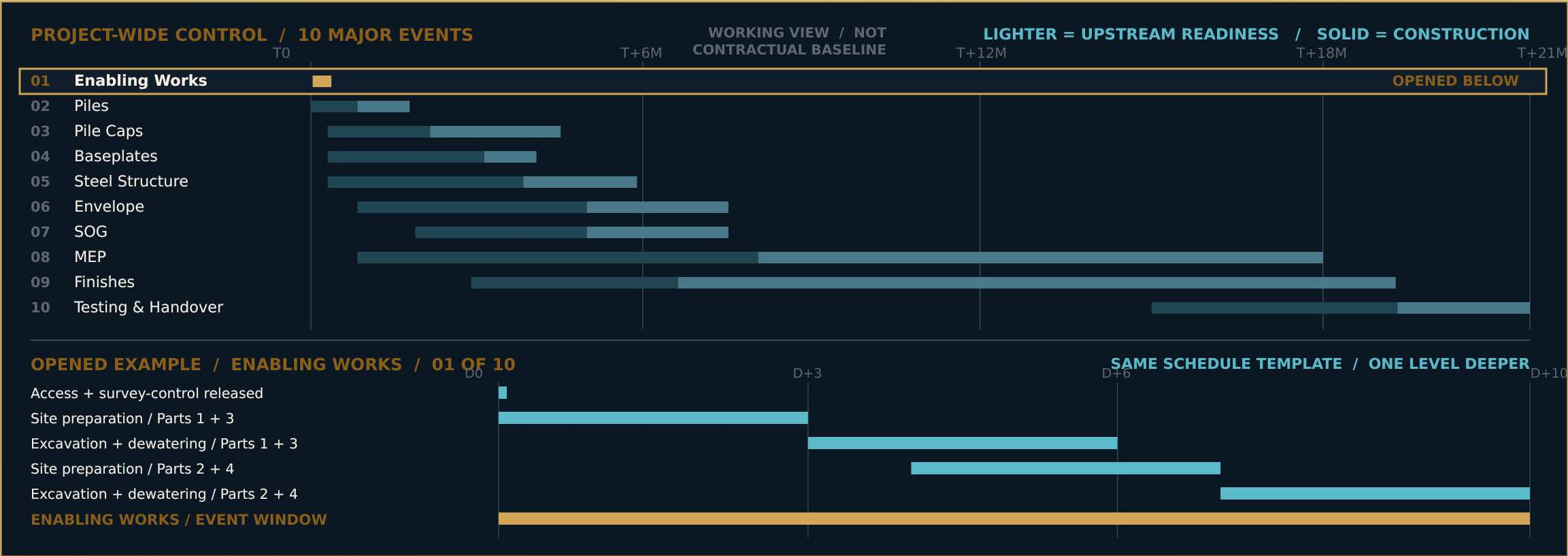


Each field date became an owned release decision - not a separate departmental status.

One project-wide control view. Ten major events.

One event opened below for detail.

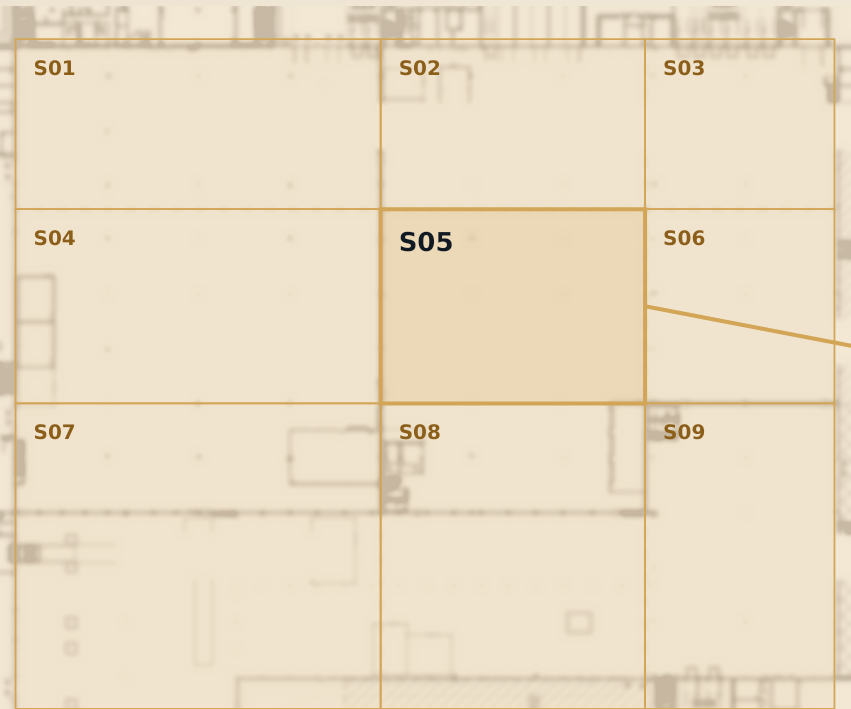
I managed PL2 through overlapping readiness and construction windows; Enabling Works is opened below to show the same schedule template one level deeper.



The project-wide schedule became nine spatial workfront records.

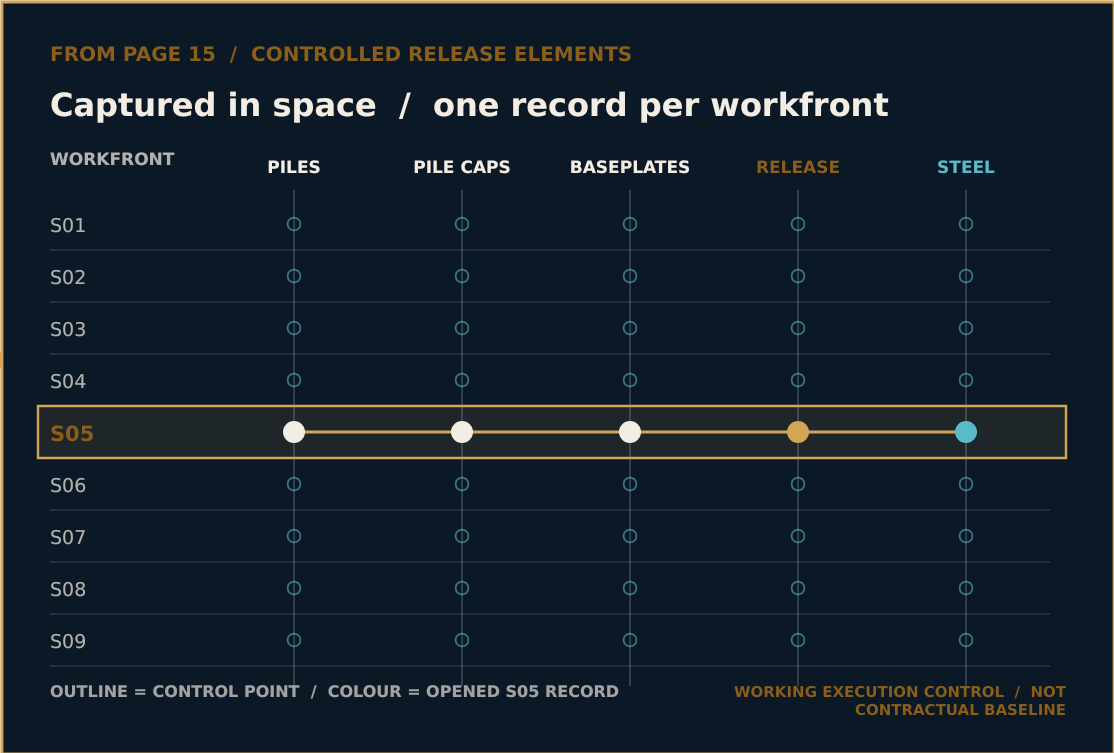
Each release element was captured against S01-S09; S05 is opened at right to show one foundation-to-steel control record.

SPACE / 9 WORKFRONTS



WHOLE-BUILDING VIEW / S01-S09

S05 / OPENED AT RIGHT



Nine workfront records revealed one reusable decision pattern.

The S05 record already contained the four management questions that later shaped the ASP Control Tower.



I conceived, specified and directed the design and prototyping of the ASP Control Tower.

Working prototype: it structures decisions but does not replace accountable human authority.

I turned the reusable pattern into one executive field of view.

Spatial context, current pressure, upcoming gates and owned action became visible together.

WORKING PROTOTYPE

ASP CONTROL TOWER

Executive Project Control

Automotive Supplier Park

Signal • Pressure • Gate • Decision • Control



PROJECT CONTROL SURFACE



CARRYING PAGE 17 FORWARD

- SURFACE**
Spatial context
- PRESSURE**
Current position
- GATE**
Release evidence
- ACTION**
Owner / next step

Conceived, specified and directed the design / prototyping.

NEXT / OPENING THE OPERATING LOGIC

One workfront opened from the whole-project surface—then moved through one control path.

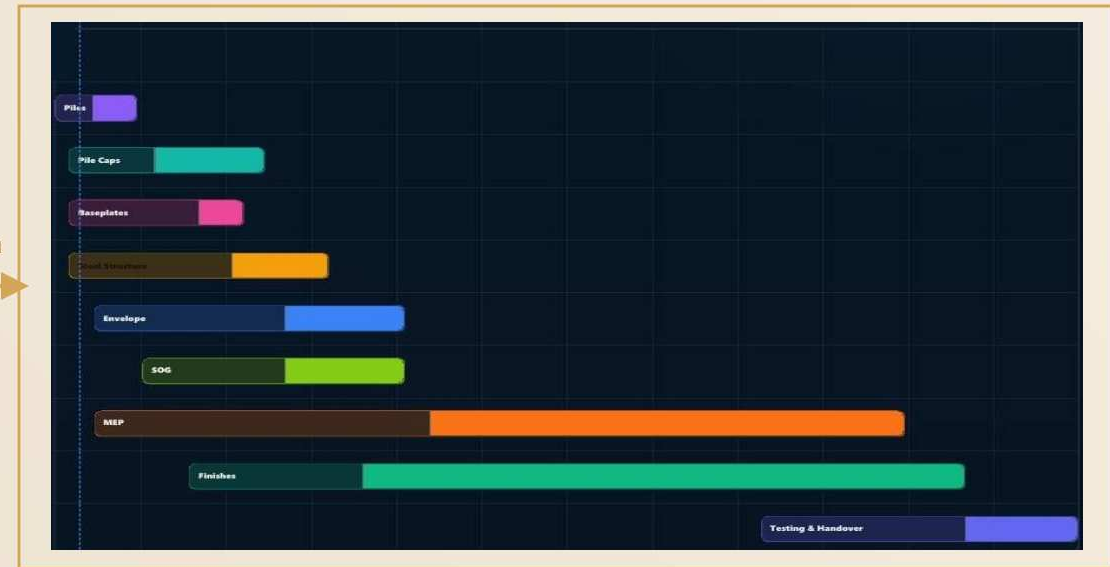
The site view kept the wider context visible; the working sequence showed what had to be ready next.

01 / WHOLE-PROJECT CONTEXT



FULL CONTEXT REMAINS VISIBLE

02 / ONE WORKFRONT SEQUENCE



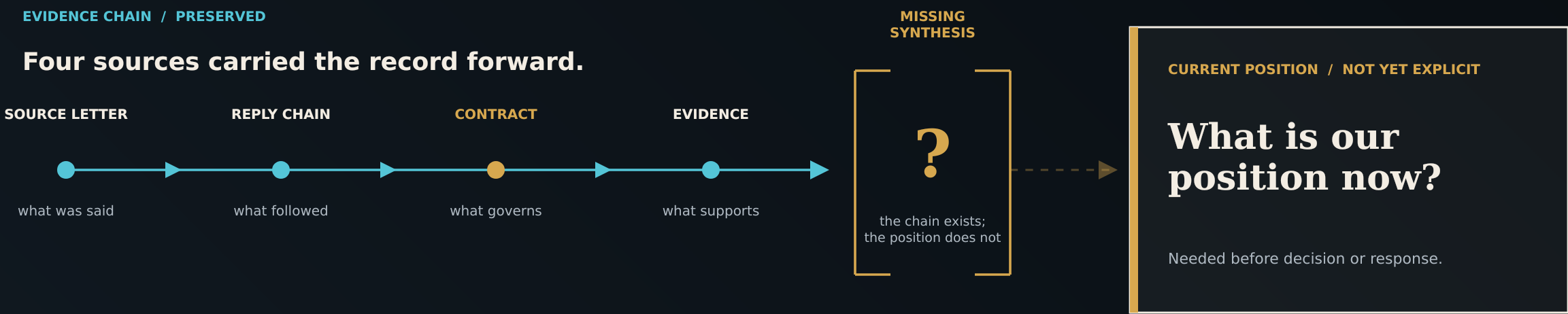
WORKING PLANNING VIEW • NOT THE CONTRACTUAL BASELINE



NEXT / THE SAME CURRENT-POSITION TEST EXPOSED THE GAP IN CORRESPONDENCE

The same control test exposed the gap: evidence existed, but the current position was not explicit.

Without one explicit position, reviewers had to reconstruct the chain before they could decide or respond.



THE PRODUCT QUESTION

How can correspondence become decision-ready without losing its evidence chain?

Guided review made the current position explicit—without cutting the evidence chain.

Register the source → establish the case → assess position and risk → respond with human accountability intact.

WORKING PROTOTYPE / GUIDED REVIEW

ASP CORRESPONDENCE INTELLIGENCE

WORKING PROTOTYPE

correspondence to decision-ready response.

01 Register
Source correspondence

02 Establish
Case and evidence

03 Assess
Position and risk

04 Respond
Decision-ready draft

Register
Source correspondence

Establish
Case and evidence

Assess
Position and risk

Respond
Decision-ready draft

WORKING ROUTE / SOURCE → RESPONSE

CURRENT POSITION

EXPLICIT

Case + evidence + position + risk

The reviewer moves forward with the chain, reasoning and accountable decision intact.



NEXT / THE SAME DECISION PATTERN ACROSS BOTH DOMAINS

Across workfronts and correspondence, I turned fragmented information into accountable action.

Different evidence. One professional method: establish the current position, frame the decision, and keep ownership intact.

PROJECT READINESS



sequence + space + gates

CORRESPONDENCE



case + evidence + position + risk

ONE SHARED METHOD

CURRENT
POSITION

made explicit

ESTABLISH POSITION

PROFESSIONAL VALUE

The next accountable
move becomes clear.

FRAME THE DECISION

MOVE ACCOUNTABLE ACTION

Evidence, reasoning and human ownership travel with the decision.

NEXT / THE METHOD TRAVELS ACROSS TYPOLOGIES AND STAGES

Across four airport environments, technical judgment travelled from concept to coordinated delivery.



01

MADINAH TERMINAL 2

operational redesign · passenger flow



02

GACA AIRPORT

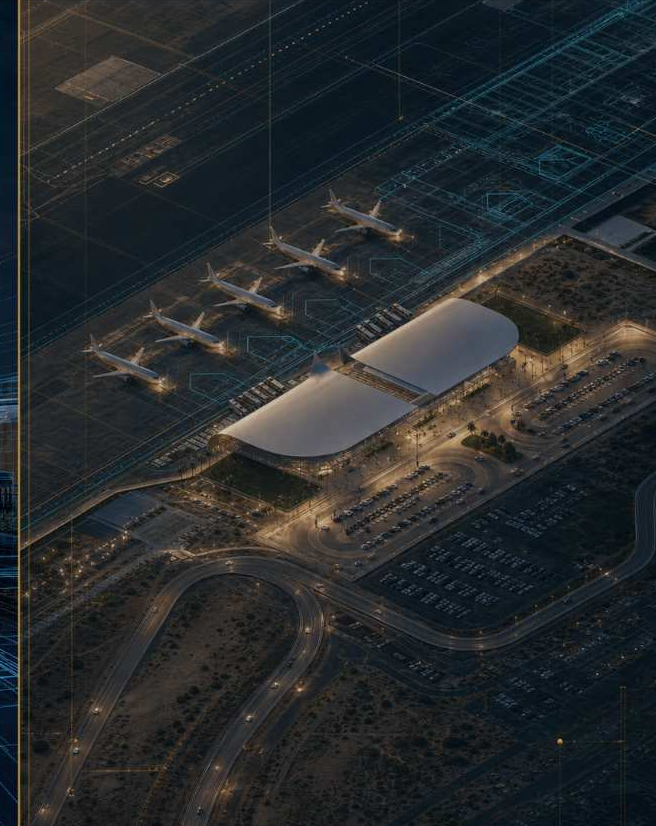
architectural systems · terminal scale



03

FBO TERMINAL

high-finish passenger environment

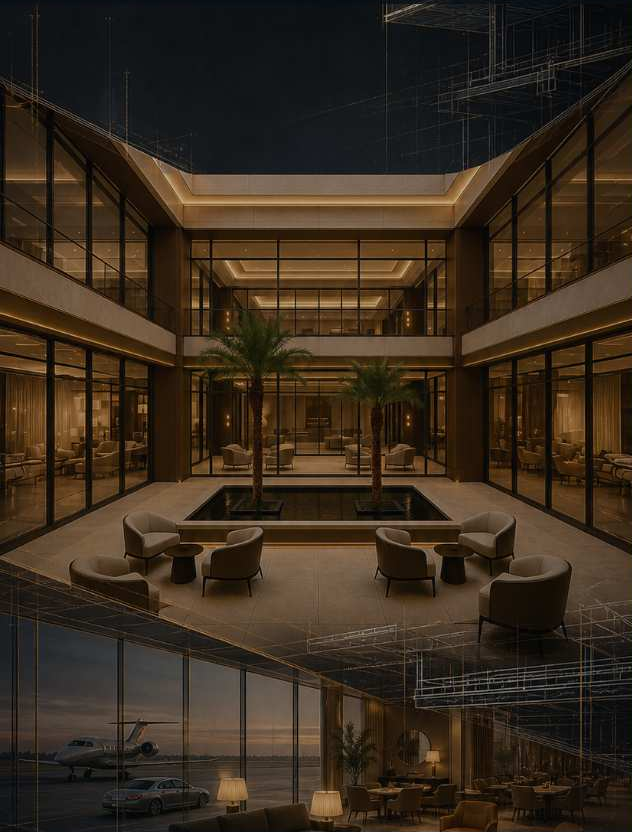


04

AL TAIF AIRPORT

tender-stage technical development

The same instinct crossed aviation, hospitality and cultural work.



01

ARABASCO LOUNGE

KAIA refurbishment · design-build



02

ALULA CABINS

remote-environment · design development



03

JEDDAH OPERA HOUSE

cultural precinct · BIM coordination



04

ALHADA RESORT

resort landscape · design development

I bridge design intent and construction execution— turning architectural depth into building-level readiness.

Technical delivery remains the foundation; design governance, coordination and forward control extend it across the whole project.

STARTING POINT

DESIGN INTENT

complex requirements · spatial logic

01 TECHNICAL DELIVERY

buildable information

02 DESIGN GOVERNANCE + COORDINATION

validated · aligned conditions

03 CONSTRUCTION READINESS

risks + requirements managed ahead

CONSTRUCTION EXECUTION / PROFESSIONAL POSITION

SENIOR ARCHITECT | PROJECT DELIVERY

Technical Delivery / Design Governance /
Construction Readiness

SCE Associate Architect / B.Arch

ENABLED BY / CONSTRUCTABILITY · PROCUREMENT AWARENESS · BIM + CDE · READINESS CONTROLS

NEXT / COMPLEXITY MADE BUILDABLE.

COMPLEXITY MADE BUILDABLE.

The projects differ in scale and type. The method remains: make complex intent coordinated, visible and ready to act on.

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