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Major construction projects involving multiple global partners demand more than great design and engineering; they require a document infrastructure capable of keeping pace with constant revisions, aggressive timelines, and hundreds of stakeholders working simultaneously.

Avalon was engaged to support a landmark AEC project led by a coalition of internationally recognized firms, including an architectural firm known for designing stadiums and arenas, a construction and facilities management company, a construction services provider, a premium experiences and project planning organization, and a full-service engineering firm.

While Avalon had longstanding relationships with many of the stakeholders involved, this project represented a new collaboration on an unprecedented scale. With thousands of construction drawings, specification updates, and coordination documents circulating across offices, job sites, and subcontractor teams, the group needed a trusted partner capable of keeping critical information organized, current, and immediately accessible.

Avalon provided that support through a coordinated combination of our Online Planroom, large-format production printing, and archival scanning services, ensuring the entire project team always had access to the most current information needed to keep work moving forward.

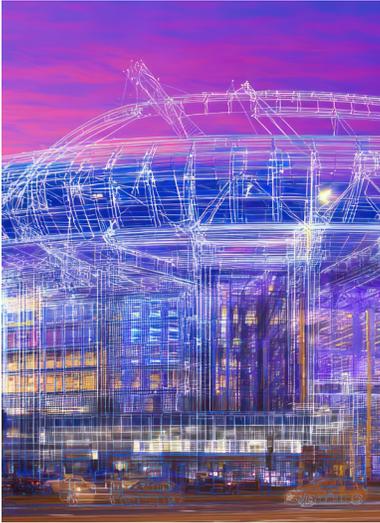
### The Challenge

The project moved at an extraordinary pace. Avalon needed to support a large-scale, high-profile AEC project where timelines were often 48-hour windows, revisions were constant, and multiple subcontractors required immediate access to the latest plans and specifications.

Without strong document control, projects of this magnitude can quickly descend into confusion. Outdated drawings, missed addenda, or inconsistent plan distribution can result in costly delays, rework, and miscommunication across the field and project offices.

The client needed a partner that could:

- Manage and organize rapidly evolving plan sets with precision
- Ensure that architects, engineers, contractors, and subcontractors always worked from the latest information



At the center of this strategy was **Avalon's Online Planroom**, which served as a **secure, centralized hub for drawings, specification books, and construction documentation.**

- Distribute revisions to structural, civil, mechanical, electrical, and architectural drawings quickly
- Maintain strict quality control
- Reduce the administrative burden placed on the general contractor and project teams

Because of the project's visibility, complexity, and pace, even small document management breakdowns could have had significant downstream consequences.

### The Strategy

Avalon responded by implementing a comprehensive document management ecosystem tailored specifically for an enormous AEC project operating under compressed timelines. At the center of this strategy was Avalon's Online Planroom, which served as a secure, centralized hub for drawings, specification books, and construction documentation.

Plan holders could access the latest materials at any time, while automated notifications ensured teams were immediately alerted when revisions or addenda were issued. This centralized environment improved communication and transparency across the project team while significantly reducing the administrative workload for the general contractor and project management staff.

To support field teams and subcontractors, we also provided large-format production printing for the construction plan sets. Every drawing and specification book was reviewed carefully prior to production to ensure accuracy and consistency. Avalon's team actively identified potential issues before materials reached the field, helping prevent costly errors that could otherwise slow progress or require rework.

Equally important was Avalon's ability to scale operations as project demands intensified. With staggered operational shifts running from 7:00 a.m. to 11:00 p.m. EST across multiple locations, our team maintained the production capacity necessary to meet tight deadlines and rapid revision cycles without sacrificing quality.

In addition, we provided scanning and digital archiving services, converting revised physical records into structured digital libraries that could be accessed instantly across project offices and job sites. This

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improved real-time collaboration while also supporting long-term document retention, compliance requirements, and efficient project closeout.

Together, these services created a coordinated workflow that prioritized speed, accuracy, communication, and organization – key elements for managing documentation on a project of this scale.

### The Results

Avalon helped bring clarity, structure, and operational efficiency to a complex and fast-moving AEC document environment. Through the combined use of our Online Planroom, large-format production printing, and archival scanning services, we enabled the project team to manage evolving plans and specifications with greater confidence and control.

Key outcomes included:

- Faster and more reliable access to current construction documents
- Improved communication and visibility across project stakeholders
- Stronger quality control for field-ready plan sets
- Reduced administrative burden on the general contractor and project teams
- Streamlined distribution of revisions and addenda across subcontractors and job sites

By delivering speed, precision, and operational scalability, Avalon helped ensure that accurate, up-to-date information consistently reached the people responsible for keeping construction moving forward. In a project environment where timing, coordination, and detail were critical, we proved to be a responsive, dependable partner capable of performing when the stakes were incredibly high.

### QUESTIONS?

For more information on any of our services, please contact:

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