

SESSION GUIDE FRI - A05

THE OTHER TECH: FORWARD-THINKING APPROACHES TO CONSTRUCTION DOCUMENTATION AND ADMINISTRATION FRIDAY, NOVEMBER 11, 9:00 AM – 10:30 AM PST

American Society of Landscape Architects (ASLA) Conference on Landscape Architecture 2022, San Francisco, CA



Tom Lee Park (Credit: SCAPE)

SESSION OVERVIEW

Once upon a time, technology meant construction technology, and it was the foundation of preparing construction documents and building projects. Ironically, digital technology has been embraced in design, but has yet to be fully utilized in how we document our landscapes and transmit our ideas to contractors and fabricators.

LEARNING OBJECTIVES

1. Inform designers about what information is most useful for contractors during the construction process.
2. Discuss various ways to document projects using digital tools to improve on-the-ground outcomes.
3. Demonstrate ideas for streamlining the documentation process to attend to the needs and processes of construction.
4. Explain the differences and opportunities inherent in different contracting structures such as Design-Bid-Build, CMAR, and tenders.

SESSION STRUCTURE

- Introduction 5 minutes **Tom Ryan / Ryan Associates**
- Brief introductions of the speakers and content
- Presentation 1 20 minutes **Tom Ryan / Ryan Associates**
- Integration with 3D systems
 - Translation of the design documents developed in 3D to 2D Contract Documents
 - Re-imagining how we approach documents
 - Set up usage in Construction
 - Providing files to contractors to replace layout, grading and planting plans
 - Provide files to fabricators replacing/ augmenting shop drawings
- Presentation 2 20 minutes **John Donnelly / SCAPE**
- How different contractual frameworks can impact how we work and what we deliver
 - The benefits, potential drawbacks, and opportunities inherent in working with a CMAR
 - How can we work smarter (not harder) by embracing technologies and being flexible with what our instruments of practice are and how they're used
 - Project case studies and examples
- Presentation 3 20 minutes **Adam Moore / Montgomery Martin**
- CMAR – Getting a construction manager on board early during design
 - Documentation in design and preconstruction
 - Documentation in construction
 - Collaborative Documentation and Record Keeping Tools
- Q&A 25 minutes **Moderated by Tom Ryan**

PANELISTS



John Donnelly, RLA

Technical Principal, SCAPE Landscape Architecture DPC
New Orleans, Louisiana

John Donnelly, RLA, is Technical Principal at SCAPE. He leads the management, documentation and construction of the studio's major built work projects across the U.S. In more than 17 years of professional practice, John's work has included the design, documentation and construction of award-winning urban parks; cultural and educational campuses; mixed-use developments master plans; and recreational trails.

As the lead for SCAPE's Technical Team, he works across the practice to ensure design and technical excellence through an integrated and collaborative process of quality assurance, quality control and peer review. Ensuring all projects are delivered with a sound technical underpinning.



Adam Moore

Construction Project Executive, Montgomery Martin Contractors
Memphis, Tennessee

As project executive for Montgomery Martin Contractors, Adam Moore is responsible for project oversight related to budgeting, scheduling, subcontractor coordination, contract negotiations, vendor sourcing, compliance, and cost management of construction project. He is an excellent communicator, keeping the owner and design team fully informed in tracking the project's progress, budget and schedule.

MODERATOR



Tom Ryan

Principal, Ryan Associates
Waltham, Massachusetts

Tom Ryan is a practitioner, an author and educator. In addition to his own practice, he has worked for Carol Johnson's, Sasaki, SWA and Hargreaves and assisted Martha Schwartz, Field Operations, Christy Ten Eyck, Scape, Ground, Agency, MASS Design and others. Tom is a co-author of *Detailing for Landscape Architects* and contributor to *Timesaver Standards* and has taught at Harvard and UPenn and SUNY Syracuse as well as presenting several Education Sessions at past ASLA meetings.



REFERENCES

NOTES
