

Falling into Form and Function

by Washington County Project Manager, Geoffrey Kavulya

As we usher in the crisp air and golden hues of the fall season, the solids and voids that characterize the Wingspan Event and Conference Center form are beginning to fall into place.

We have reached another momentous milestone, which is structural steel topping out. Topping out is a time-honored tradition where the project team and project stakeholders sign the last mega truss before being hoisted up. A sign that the project has reached its literal apogee, structurally.

In terms of safety and logistics, the project site has remained safe since groundbreaking. The nearly 70-person crew, working on various aspects of the project, have chalked up over 25,000 person-hours with no injuries. With anticipated activity ramping up, all hands are on deck to ensure safety first, safety always. Additionally, we continue to work collaboratively with the City of Hillsboro and third-party testing entities to ensure compliance with all requisite codes and standards

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An aerial view of the Wingspan Event and Conference Center, Oct 1, 2019.



Spotlight on....





Team Spotlight: Mark Santa Maria Senior Structural Engineer, Nishkian Dean now IMEG

By LRS Staff

Mark Santa Maria is a Senior Structural Engineer with Nishkian Dean now IMEG, and has been involved in the Event Center since Winter 2017. He is working with Swinerton and LRS to review shop drawings and submittals to keep the building schedule on track. The major design challenges he worked through on the Event Center included the cross-laminated timber roof diaphragms, and the 169-foot steel "mega-trusses" over the expo hall.

Mark received his Masters of Architecture from the University of Illinois and decided to focus on engineering, and is interested in structural expression in building forms. Mark has over 13 years of experience as a structural engineer and has managed and designed large projects including high-rise structures, multi-family housing complexes and international industrial facility projects in Ireland and Israel.

Mark grew up and lived in Chicago until he moved to Portland 4 years ago. His favorite aspects of the city are the food and the access to the outdoors. He is a competitive disc golfer and an ice hockey goalie in his spare time.



Mark Santa Maria Senior Structural Engineer Nishkian Dean now IMEG



The project is continuing momentum and moving full steam ahead....



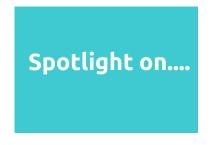
Early Sept, 2019



late Sept 2019









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Falling into Form and Function....



Above: Members of The Wingspan Event and Conference Center Leadership team tour the project site

In terms of schedule, exterior framing, fire sprinklers and roofing installation are currently underway. Survey work for curbs and asphalting for the south lot parking are also in progress. We plan to have the building envelope enclosed by Halloween to minimize wet weather impacts on the project.

A signage package consisting of free-standing plaza signs for Wingspan Event and Conference Center as well as Westside Commons, corner pylon sign at the intersection of Cornell and 34th street and building and parking signs is currently under review by the City of Hillsboro. More updates to follow.

Finally, the project schedule is holding firm due to intense and participatory team collaboration.

As always, we are thankful to our stakeholders and County leadership.

Team Spotlight: Come Visit us at the Hillsboro Air Fair



When: Saturday, October 19, 2019

11:00 AM - 3:00 PM

Where: Hillsboro Airport

3355 NE Cornell Rd Hillsboro, OR 97124



Project team members will be at the annual Hillsboro Air Fair this month, held at the Hillsboro Airport on Cornell Rd. This is a family friendly event which features local area info booths related to aviation and displays. Team members will be on hand to answer any questions about how the project is progressing.

























Contact us:

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Archive Issues:

www.co.washington.or.us/Fair/washingtoncounty-event-center.cfm

Project Schedule

WBS / Activity	Activity ID	Start	Finish
WCEC Milestone Schedule		4/30/2019 A	4/13/2020
Foundations Complete	A1000	4/30/2019A	4/30/2019 A
Area A SOG Complete	A1010	5/21/2019 A	5/21/2019 A
♦ Area B SOG Complete	A1020	6/5/2019	6/5/2019
Area C SOG Complete	A1030	11/11/2019 A	11/11/2019
 Area D SOG Complete 	A1040	11/20/2019 A	11/20/2019
Start of Structural Steel	A1050	7/31/2019 A	7/31/2019 A
Structural Steel Complete	A1060	10/14/2019 A	10/14/2019
Start of Mass Timber	A1070	8/30/2019 A	8/30/2019 A
Mass Timber Complete	A1080	10/4/2019 A	10/4/2019 A
Start of Roofing	A1090	10/1/2019 A	10/1/2019 A
 Roofing Complete 	A1100	11/15/2019 A	11/15/2019
Start MEP Building Rough In	A1110	10/21/2019 A	10/21/2019
MEP Building Rough In Complete	A1120	3/23/2020 A	3/23/2020 A
PGE Power Complete	A1130	3/2/2020 A	3/2/2020 A
Start Solar Installation	A1140	11/19/2019 A	11/19/2019
Solar Installation Complete	A1150	1/27/2020 A	1/27/2020 A
Start of Building Finishes	A1160	10/28/2019 A	10/28/2019
 Building Finishes Complete 	A1170	4/13/2020 A	4/13/2020 A
Start of Landscape	A1180	10/9/2019 A	10/9/2019 A
Landscape Complete	A1190	2/24/2020 A	2/24/2020 A



Watch the project: