

# THE SEATTLE AQUARIUM OCEAN PAVILION



# Turner



## WA ACI CHAPTER MEETING

### WEDNESDAY, 03/08/23

The WA ACI Chapter welcomes Turner Construction for a dinner presentation at Ivar's Acres of Clams on the Seattle Aquarium's \$160 million Ocean Pavilion project, which has been underway for the past two years. The Pavilion, designed by LMN Architects, is expected to open in 2024.

Turner Construction has recently completed the concrete pour of the main tank of the Ocean Pavilion at the Seattle Aquarium.

## A UNIQUE PROJECT BY ANY MEASURE STATS

- *The main tank is two feet thick at a minimum*
- *680 cubic yards of concrete (main tank pictured above left)*
- *355 tons of rebar (4 times the typical core)*
- *229 panels to create a structure with essentially no straight lines*
- *Net-zero emission and net-positive energy goals*



WEDNESDAY, 03/08/23

5:30 PM Reception

6:15 PM Welcome & Dinner

7:15 PM Presentation by Turner  
Construction Company



IVAR'S ACRES OF CLAMS

1001 Alaskan Way - Pier 54  
Seattle, WA

Parking: Street, lots, garage

Learn more:  
[downtownseattle.org/parking](https://downtownseattle.org/parking)



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# THE SEATTLE AQUARIUM OCEAN PAVILION PROJECT

## MEET THE PRESENTERS

### VANDAD MAZAREI, PE TURNER CONSTRUCTION COMPANY

Vandad Mazarei, PE, is a project manager with Turner Construction, Seattle, WA. He has worked on various projects in Turner's Self-Perform Concrete department for the past 4.5 years. He received his M.Sc. in the Oregon State University School of Civil and Construction Engineering. He is the author/coauthor of several publications on topics about concrete durability, concrete corrosion, and ASR in concrete. He is a registered Professional Engineer in Oregon and Washington.



### COLE NORGAARD TURNER CONSTRUCTION COMPANY

Cole Norgaard graduated in June 2022 from the University of Washington with a degree in Construction Management. He has been working as an SPO Engineer for Turner Construction since August 1st, 2022 at the Seattle Aquarium Ocean Pavilion Project where he has helped manage the concrete scope. His main responsibilities are field QA/QC, site logistics and coordination, scheduling, and field support. Cole likes to go fishing, preferably fly fishing in his free time.



### CORAL NG TURNER CONSTRUCTION COMPANY

Coral Ng graduated from Gonzaga University with a degree in Civil Engineering. She has worked as a concrete construction engineer for the past 3.5 years in Turner's Self-Perform Operations. Coral assisted with the concrete scope on Dexter Yard shell and core, which won NAOP Office Development of the Year in 2022. On the Seattle Aquarium Ocean Pavilion, Coral managed the main tank formwork process, lift drawing process, and coordination of roof-level hollow-core plank precast. Currently, Coral is working in pre-construction for another shell and core project similar to Dexter Yard. Outside of work, Coral enjoys all disciplines of cycling and skiing.

