

CLIMATE PLEDGE ARENA

Project Newsletter

PROJECT UPDATES

Our team placed our first slab on grade July 8th, almost 2 weeks ahead of schedule! We also placed 3 more slabs on metal deck last week at the main concourse and upper concourse, and worked with the enclosure team to build the historic curtain-wall detail on the upper concourse.

Current work includes building up the last of the shotcrete walls and dismantling the earth retention system in the Northeast mechanical inlet and exhaust building (AKA the snorkel) and working through the final foundations in Area B, staying on track for the August 19th completion date.

POWER PLAY: The team placed the last Chevron knuckle on July 15th successfully completing tying into the existing structure 3 days before our milestone date.

Other huge accomplishments include placing the second-to-last lift of the south buttress shear wall, and placement of the hydrotherapy pit slab on the morning of July 27th.

All Area A foundations and backfill is complete!



TEAM MEMBER SPOTLIGHT



Gretchen Toshach has been volunteering with Construction for Change over the past few months. Through her volunteering she provided mechanical engineering review for an isolation ward for a medical center in western Africa. Gretchen provided mechanical engineering review and recommendations for three buildings on a hospital complex targeted as a COVID-19 ward (and later to be refurbished as COVID impact slows down).

Construction for Change partners with nonprofits, NGO's, and government ministries to build spaces where people can become healthier, better educated, and increase economic mobility. To date Construction for Change has completed 63 projects in 16 countries across 4 continents. For more information on Construction for Change visit:

<https://www.constructionforchange.org/>

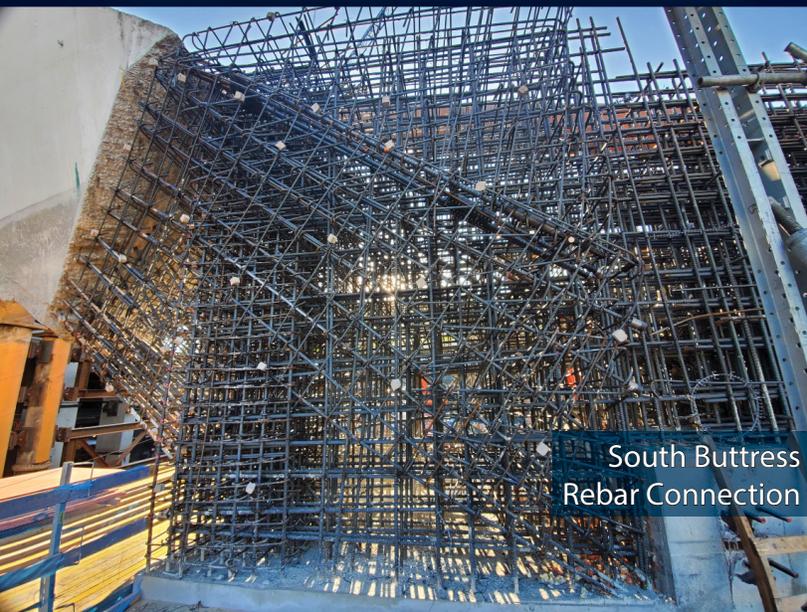
Great job, Gretchen!



SEATTLE KRAKEN™



"I COULD FEEL THE EXCITEMENT IN THE CROWD WHEN THE CURTAIN WAS COMING UP, IT'S SUCH A GREAT LOGO AND AMAZING HOW THEY TIED THE KRAKEN LOGO TO THE HISTORY OF SEATTLE AND ITS FORMER HOCKEY TEAM." – JOPY WILLIS, CLIMATE PLEDGE ARENA GENERAL SUPERINTENDENT



South Buttress
Rebar Connection

KRAKEN DOWN ON THE DETAILS

PRECAST

- 926 total pieces
- Heaviest pieces
 - North back-of-bowl walls
 - Each weigh 36,178 lbs (about 9 times as heavy as The Kraken)

ESCALATORS

8 total escalators and 4 atrium escalators. Each of the Atrium escalators are 71'-8" long (about 3/4 the length of The Kraken). These escalators have a 26'-7" vertical rise and will take 16 seconds to ride from Main Concourse to Upper Concourse. Each escalator weighs 22,730 lbs. They are manufactured in northern Spain and fully assembled there, dismantled into 3 pieces, and then shipped to the USA. The escalators are then re-assembled off-site, trucked to the jobsite and set directly into place with a tower crane.

SEATING

Audience seating includes 17,085 for hockey games (a similar count to the Nashville Predator's Bridgestone Arena). Basketball will seat 18,224 (a similar count to Oklahoma City Thunder's Chesapeake Energy Arena).

The hardware of the seats is manufactured in Australia while the chairs are manufactured in Taiwan and China.

The lower bowl has a customizable platform system with the design and engineering team based in Belgium, and will come from a manufacturing plant in Slovakia.

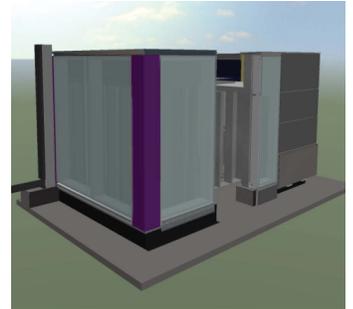
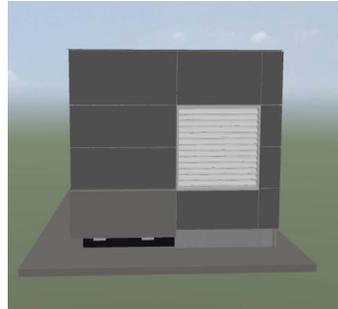


Lower Bowl Seating
(Type A2 B1)

KRAKEN DOWN ON THE DETAILS (contd.)

ENCLOSURE MOCK-UP

Installation of the enclosure mock-up is ongoing at the Seattle Equipment Facility. Concrete foundation, CFMF, metal panels, louver, waterproofing has been installed. Upcoming activities include curtainwall, roofing, coping, fiber cement siding, and testing.



WATERPROOFING

Waterproofing at the arena is 95% complete! Waterproofing at portions of the the mechanical inlet and exhaust portions (locally known as snorkels) and pits is remaining.

HISTORIC CURTAINWALL

Abatement/priming of the historic curtainwall steel is ongoing (North and East elevations completed; West elevation is ongoing). Abatement/priming of historic curtainwall windows (North elevation) is slated to start soon.

PROJECT SUCCESSES

- ★ Over the course of 5 weeks from May 4th - June 5th, the interiors & MEP team, along with CAAICON and the Design Team, held 30+ Trade Partner interviews working through the buyout of the premium spaces within the building - all of these scopes of work total nearly \$80 million worth of added scope to the project.
- ★ Multiple Trade Partner recommendations of award were issued during the months of May and June.
- ★ 9 new subcontract agreements were issued to new trade partners.
- ★ Our first door frame was delivered to the project during the week of July 20th.
- ★ Our first stud wall clips are being installed in multiple locations in advance of the fire-proofing operation.
- ★ One-third of all food service areas have been coordinated in the building.
- ★ ACT Ceiling samples are starting to arrive with tile right around the corner.



MEPF UPDATE

- 60% overall completion on underground MEP
- Over 90% of electrical gear, switches, disconnects procured, stored locally
- Fire pump is in storage at Shinn's facility
- Ice system underground piping completed, tested

TUNNEL UPDATE

Pipe arch canopy drilling resumed following shoring lagging and excavation ramp subgrade. We're drilling (2) piles concurrently, working on the final eight of thirty total.



KRAKEN DOWN ON SAFETY

MEET YOUR SAFETY TEAM



Justin Moloczniak
"The Fearless Leader"



Luis Munoz
The "Always-Knows-a-Guy" guy



Nick Cordell
From the not-so-far away lands of Portland



Chris Millard
Our very own crane/steel expert



Jordyn Tucker
The COVID-19 Safety Protocol Wizard



Faith Bramwell
The Newbie (to the Safety Team)

SAFETY STATS

- ★ 146 Haz Recs during the month of July
- ★ 1 Safety celebration with \$2500 worth of prizes including 4 TVs!
- ★ Handed out over 600 face coverings
- ★ Lots of sqwinchers popsicles with the rising temperatures.



The HazWrecker program is a Safety Team Initiative where Mortenson team members are rewarded with a \$250 gift card to NHL.com for reporting and helping to rectify project hazards over a month's time.

This month's HazWrecker is Ella Pilgrim!



