Weekly Construction Blast
Mar 4th – Mar 9th

MUR Construction Activities:
- Detail and place decking on sequence 3 & 4 steel.
- Erect sequence 5 structural steel.
- Continue installation of underground electrical at OPO/Hoofers.
- Pour east portion of slab-on-grade at OPO/Hoofers.
- Begin installing exterior stone on the north OPO/Hoofers wall.
- Continue installation of underground plumbing and ductwork in Theater basement.
- Pour sub-basement slab-on-grade beneath Theater.
- Complete remaining excavation for Langdon St. foundation wall.
- Begin installation of electrical pull boxes near east elevator.
- Complete slab-on-grade for south electrical room and place electrical switchgear.
- Continue installing shoreline limestone steps.

MUR Construction Noise/Vibration:
- Noise should be expected along the west end of the building on the first floor near Der Stiftskeller and in the basement associated with foundation work.

Site Logistics/Key Closures:
- OPO/Hoofers will continue to operate from the Lake Lab and 5th floor offices.
- Langdon St. continues as a ONE-WAY, WESTBOUND street as a result of work associated with the Langdon St. Utility Project. Bicycle traffic will be maintained in both directions with a COUNTER-FLOW BIKE LANE FOR EASTBOUND TRAFFIC.
- The central portion of the Shoreline will be closed until spring.
- Increased construction traffic should be expected for excavation and concrete work on Langdon and Park St. Your attention to our flaggers is appreciated!

Student Involvement:
- Student Construction Rep is attending bi-weekly construction Core Team meetings and monthly project sustainability meetings.

Looking Ahead:
- Week of 03/11: Erect sequence 6 structural steel.
- Week of 03/11: Pour West Wing 1st floor slab-on-deck.
- Week of 03/11: Begin placing new Brat Stand concrete.
- Week of 03/11: Place electrical generator in West Wing mechanical space.
- Week of 03/18: Begin forming south mechanical room structural deck.
- Week of 03/18: Begin installing windows along OPO/Hoofers north wall.
- Week of 03/18: Complete limestone step installation.
- Week of 03/25: Begin Langdon/Park St. utility work.
- Week of 03/25: Begin site concrete work along shoreline.
- Week of 04/01: Begin interior stud walls at OPO/Hoofers.
- Week of 04/01: Pour south mechanical room structural deck.
- Week of 04/08: Begin new Union Theater orchestra pit footings.

Neighboring construction projects:
- Langdon St. Utility Project (GREEN FENCING):
  - Continue excavation for new steam tunnel.
  - Continue pouring new steam tunnel walls on the west end of Langdon St. and in front of the Boldt Field Office.
  - Increased traffic will continue on the south side of the street with excavation and concrete work continuing throughout the coming weeks.

Rebar Scanning in the Union Theater:
Several weeks ago, Subsurface Radar Solutions was on-site to locate the steel reinforcing bar (rebar) within the existing concrete floor in the Union Theater. The scanning system used is a type of radar that relies on the reflection of electro-magnetic waves transmitted through the slab to locate the bar. Over 300 new holes need to be cored through the existing floor for the new supply air system. The design team needed to locate the rebar prior to selecting the location of the new supply air holes so that only a minimum amount of rebar is cut when drilling in order to preserve the structural integrity of the floor. See the photos on the attached page!
Blue tape was placed on the floor after scanning in the Union Theater to mark the location of rebar within the concrete in order to layout the supply air holes.

The scanning device that was used to locate the rebar within the slab is shown above.