

# UND Nistler College of Business and Public Administration

## Construction Currents - Job Site Newsletter



### Progress Update

Pitched roof steel is now complete which means structural steel framing for the main structure is finished. Only the skyway steel framing remains. Steel decking on Level 4 is about 50% complete. Steel intels and exterior metal framing is ongoing. Spray applied air barrier will begin shortly on the south side. First phase of pitched roofing system will begin on sequence 1 and 2. Installation of the south stair tower has begun. Inside the building, Fireproofing is almost completed in sequence 1 and 2 with just the underside of Level 2 and high roof remaining. Interior wall framing is progressing on Level 3 and will soon begin on Level 2. Overhead MEP rough ins have started on Levels 2 and 3 sequence 1 and 2. Levels 2 and 3 MEP rough ins for slab on metal deck sequence 3 are progressing.

Click [HERE](#) to view Progress Photos

Click [HERE](#) to view the site camera

### Progress Photos



Basement Block Wall



View of Inside Building From Level 3



Over Head MEP



View from South East on Low Roof

### Upcoming Work

- Sequence 1 and 2 Pitched Roofing
- Sequence 1 Fl at Roofing
- Sequence 1 Sheathing, Blocking, and Air Barrier
- Sequence 3 Pitched Roof Decking
- South Skyway Steel Erection

### Safety Topic

Our BLUEPRINT for protection, The JHA

The goal of any business is to deliver an excellent product or service which satisfies the customer. In construction we follow the BLUEPRINT to complete our project correctly. Those same goals and processes are also applied to Safety. We utilize a Job Hazard Analysis (JHA). A JHA is a detailed plan that identifies the individual tasks that are necessary to complete the scope of work. These tasks are then individually analyzed to identify potential hazards and controls for each of these potential hazards. The JHA is then used as a blueprint for each of the onsite workers to review and understand how each of the tasks are to be completed on this project to help keep everyone safe.

**Project Countdown: 59 Weeks to Certificate of Occupancy on 26 April 2022!**

### Quality Corner

#### 3D BIM Modeling

3D modeling is being utilized for the project to prevent installation issues between mechanical, electrical, and plumbing (MEP) contractors. Each MEP contractor creates a model of their scope showing where they plan to install duct, conduit, piping etc. PCL takes each model and combines it into one model to view overall. The key is to look for "clashes" between systems. Basically when systems run into each other or overlap that will not be feasible to build in the field.

### DID YOU KNOW?

Women in construction week is March 7 - March 13th, a week dedicated to celebrating and honoring women in our construction community. WIC Week originally started in 1998 and has grown to become a week-long event recognized industry-wide for encouraging networking, connection and building a strong community of construction women.