

UND Nistler College of Business and Public Administration

Construction Currents - Job Site Newsletter



Progress Update

Click [HERE](#) to view Progress Photos

Structural steel erection continues in sequence 2 while we continue decking and detailing sequence 1. The CMU stairwell and elevator shaft in the north will be finished soon. The steam and condensate piping in the south end of site will soon be tied in to the existing line to provide heating for our temporary enclosure. We wish you a safe and happy new year!

Progress Photos



North - West View of Site



Sequence 2 Steel



Curtain Wall Steel



North CMU Stair and Elevator



Temporary Steam Piping

Upcoming Work

- Sequence 2 Steel Decking and detailing
- Sequence 3 Steel Erection
- Steam and Condensate Piping Tie In
- Slabs on deck/Grade
- Exterior Wall Framing

Safety Topic

Cold Stress

How Cold is too Cold
Cold stress, or how the body reacts to cold temperatures, is a very real problem during the winter. Cold stress occurs by driving down the skin temperature and eventually the internal body temperature (core temperature). This may lead to serious health problems, and may cause tissue damage, and possibly death. Any worker who works outside is at risk of cold stress during the winter.

- A few tips to avoid cold stress related injury are:
- Select proper clothing for cold, wet and windy conditions. Layer clothing to adjust to changing environmental temperatures.
 - Take frequent short breaks in warm, dry shelters to allow the body to warm up.
 - Drink warm, sweet beverages. Avoid drinks with caffeine or alcohol.



Quality Corner

RADIOGRAPHIC WELD TESTING:

When testing the steam and condensate piping welds, radiographic testing is performed. This procedure makes use of x-rays, produced by gamma rays, to penetrate the weld and transmit to a photographic film which results in an image of the internal structure of the weld. This will show any discontinuities in the weld.

DID YOU KNOW?

The winter storm on December 23rd brought us 46 mph wind gusts and a -31 windchill as of 12 pm. At this temperature, it will take just 10 - 30 minutes of exposure to suffer frostbite!