

UND Nistler College of Business and Public Administration

Construction Currents - Job Site Newsletter



Progress Update

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THE AIR BARRIERS AT THE EAST & WEST ELEVATIONS ARE COMPLETE AND WINDOWS CONTINUE TO BE INSTALLED. SOUTH ELEVATION MASONRY IS CONTINUING AND WILL BE WRAPPING UP SOON. NORTH ELEVATION FRAMING AND SHEATHING CONTINUES TO PROGRESS. INSTALLATION OF THE SLOPED ROOF INSULATION BOARD, NAILER BASE, AND VAPOR BARRIER HAS BEEN COMPLETED ON THE EAST AND SOUTH SLOPES. THIS WILL CONTINUE ON THE NORTH AND WEST FACING SLOPES. INSTALLATION OF THE FLAT ROOF INSULATION BOARD AND EPDM MEMBRANE WILL FINISH ON LEVEL 5 AND THE LEVEL 4 MAIN ROOF WITHIN THE NEXT WEEK. DUCT WORK, OVERHEAD ELECTRICAL, MECHANICAL, PLUMBING, AND INTERIOR FRAMING CONTINUES ON FIRST, SECOND, AND THIRD FLOORS. FIRE PROOFING CONTINUES PROGRESS ON FOURTH FLOOR.

Progress Photos



CENTER STAIR FROM 2ND TO 3RD FLOOR



SOUTHEAST ELEVATION MASONRY

Upcoming Work

- NORTH ELEVATION AIR BARRIER
- WEST ELEVATION BAY WINDOW
- EAST ELEVATION S1 MASONRY, S2 CURTAIN WALL GLAZING, S3 AIR BARRIER & GLAZING
- CENTER STAIR POUR & HANDRAILS
- INTERIOR S3 LAYOUT, FRAMING, & MEP ROUGH-IN
- INTERIOR S2 INWALL ROUGH-IN, HVAC, & OVERHEAD ROUGH-IN
- INTERIOR S1 INWALL ROUGH-IN & OVERHEAD ROUGH-IN
- PENTHOUSE FIREPROOFING AND EQUIPMENT PADS
- SPRINKLER SYSTEM ROUGH-IN
- ELEVATOR DELIVERY & INSTALLATION



3RD FLOOR OFFICE WALL FRAMES



WEST ELEVATION

Safety Topic

ON MOST ANY JOBSITE, THERE IS A "SAFETY GUY." MANY TIMES, THAT INDIVIDUAL IS THE SYMBOL OF CONFLICT. HOWEVER, THERE IS NO SUCH THING AS A SAFETY GUY. ANY SUCCESSFUL SAFETY PROGRAM IS DEPENDENT UPON ALL SITE PERSONNEL WORKING TOGETHER. WE MIGHT HAVE DIFFERENT TASKS, WITH ASSOCIATED LEVELS OF RISK – BUT THE GOAL IS ALWAYS TO AVOID INJURY WHILE COMPLETING THE WORK. THAT'S WHY WE MUST WORK TOGETHER AND HAVE A COMMON COMMITMENT TO WORKING SAFELY. THINGS THAT HELP ACHIEVE THAT GOAL INCLUDE OPEN COMMUNICATION AND COLLABORATION. THE SAFETY GUY IS SIMPLY ANOTHER TEAM MEMBER. THEIR ROLE IS AS A MENTOR - A RESOURCE OF INFORMATION, KNOWLEDGE, AND EXPERIENCE. IN REALITY WE ARE ALL "SAFETY GUYS". REMEMBER, WE MUST ALL WORK TOGETHER TO BE SAFETY GUYS & SAFETY WISE.

Project Countdown: 48 Weeks to Certificate of Occupancy on 16 May 2022!

Quality Corner

ONE OF THE FINAL STEPS OF THE CONCRETE SLAB WORK IS TO VERIFY THE FLOOR FLATNESS. IT IS IMPORTANT THAT THE FLOOR FLATNESS IS CHECKED TO ENSURE THE QUALITY REQUIREMENTS OF THE SPECIFICATIONS ARE MET. THE FLOOR FLATNESS IS CHECKED WITH A 10 FOOT LONG STRAIGHT EDGE. ANY GAP WITHIN THAT 10 FEET THAT EXCEEDS 1/4 INCH IS OUT OF THE TOLERANCE AND NEEDS TO BE CORRECTED.

DID YOU KNOW?

DURING THE TECHNOLOGICAL REVOLUTION AND THE SECOND INDUSTRIAL REVOLUTION, HENRY BESSEMER INVENTED A METHOD TO MASS-PRODUCE STEEL CALLED THE "BESSEMER PROCESS." BEFORE BESSEMER, IT TOOK A FULL DAY TO CONVERT THREE TO FIVE TONS OF IRON TO STEEL. WITH THE INVENTION OF THE BESSEMER PROCESS, IT TAKES LESS THAN 20 MINUTES. IN 2018, 1712.1 MILLION TONS OF STEEL WAS USED. THAT INCLUDES 2.6 MILLION TONS USED FOR RAILWAYS AND TRACKS AS WELL AS 18.8 MILLION USED SOLELY FOR CONCRETE REINFORCING BARS.