PROJECT A: STEAM TO NATURAL GAS CONVERSION  
Thursday, June 25, 2020

**Overall Status:** Project is on schedule to be complete at the end of September 2020. We continue to monitor the overall schedule very closely with the contractor.

The GC, Phipps, is working diligently to have hot water on by the start of classes on August 17. Unfortunately there have been some issues with getting gas meters released and getting gas hookups to the buildings are critical to completing the project. GH Phipps, AHEC and Xcel are working through the issues. Based upon these extenuating circumstances the project will move toward hitting the August 17 date for restoring hot water to the critical areas in the affected buildings instead of providing specific dates that may change week to week due to issues or delays.

Building heat is not scheduled to be back on campus-wide until mid-September, and normally in Colorado we don’t need heat until sometime in October. The contractor will have the ability to heat the buildings if we have forecasted earlier cold temperatures. Heat may be on at the earlier dates shown, but the entire system will be going through commissioning and testing through mid-September.

Xcel work to install gas lines is complete except for hardscape repairs. Hardscape repairs have been completed except in front of the Science Building, which will happen sometime in late July due to Phipps being in the area with other work now.

Happening next week, by Building:

**Tivoli Commons:**
- After further investigation and additional excavation it turns out Xcel did bore through a campus irrigation mainline near the Quad. Repairs are underway.

**Boulder Creek:**
- **A. Next Week:**
  - Continue installation of Boilers, piping and equipment in the Penthouse Mechanical Room.
  - Ongoing finishes on interior walls in Boiler Room.
  - Install permanent curbs on the roof and boiler flues and patch roof.

- **B. Upcoming:**
  - Gas line installation.

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<tr>
<th>No Steam / No Heat</th>
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<th>Boiler Delivery</th>
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<td>May 18</td>
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*Heating will be possible, but commissioning and testing will go on through September.*

**C. Impacts:**
- Contractors are to utilize scaffold stair tower on north side of building.
- No heat and no hot water in building as noted above.
- Xcel has pulled the gas meter so there is no gas to the building through late July.
Plaza:

A. Next week:
   o Installation of boilers.
   o Start work on interior landing from Penthouse to 3rd Floor (work will go through mid-August)
   o Ongoing finishes on interior walls in Boiler Room.
   o Monday, June 29: Begin repairs to water damaged offices;

B. Upcoming:
   o New gas meter from Xcel – date up in the air; awaiting Xcel meter release.

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Note: Plaza Health Center has electric hot water heaters and will not experience a hot water outage.

C. Impacts:
   o Contractors are to utilize scaffold stair tower on east side of building for Boiler Penthouse work.
   o No heat and no hot water as noted above.
   o Anticipate a Thursday, July 17 electrical shut-down that will effect 3rd floor HVAC, outlets and lights, including all 3rd floor classrooms and office. (Will confirm date as it gets closer)
PE:

A. Next week:
   - Continue installation of Boilers, piping and equipment in the Penthouse Mechanical Room.
   - Gas outage continues
   - New gas meter from Xcel – date up in the air; awaiting Xcel meter release.
   - Ongoing finishes on interior walls in Boiler Room

B. Upcoming:
   - Continued work on the boiler room/penthouse
   - Boiler installation work continues
   - Whole building electrical outages Tuesday, July 7 from 6 am to 9 am and on Thursday, July 9 from noon – 3 pm. There will be no HVAC during this entire period.
Permanent repairs to PE 215 and 209 will be accomplished after the roof has been permanently been patched and dried in.

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C. Impacts:
- Natural gas has been shut down to the building. (If hot water is needed during this period, there is a work around that can be done if necessary.)
- Contractors are to utilize scaffold stair tower on south side of building for Boiler Penthouse work.

**Arts:**

A. Next week:
- Continue installation of Boilers, piping and equipment in the Mechanical Room.
- Install flues in lobby and at hallway to exterior.
- Relocate fire sprinkler lines in north lobby area

B. Upcoming:
- Electrical Panel needs to be relocated. Partial Building Outage will need to occur. KEN: was this the outage on Tues 6/23?
- Brick patching will start at exterior after July 4th.
- Ceiling work in the 1st floor northeast lobby will start go through early August.

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C. Impacts:
- No heat and no hot water as noted above.
- Majority of work is concentrated in the northeast corner of the building.
- No gas to Arts Kiln Room
Central Classroom:

A. Next week:
   - Continue installation of Boilers, piping and equipment in the Mechanical Room.
   - Complete installation of exterior gas lines on the roof of the building and pressure test.
   - Install flues thru Central Alley wall.
   - Install insulation in south wall of Central Classroom 101

B. Upcoming:
   - Install framing for exterior wall.
   - Begin MEP rough-ins
   - **Whole building electrical outage, 30 minute duration, Tuesday, July 14; being coordinated with Metro IT.**

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C. Impacts:
   - No heat and no hot water as noted above.

West Classroom:

A. Next week:
   - Continue installation of Boilers, piping and equipment in the Mechanical Room.
   - Installation of gas line from mechanical room to roof (thru August)
   - Pipe chase/shaft being built from first floor to roof (thru August)
   - Paint Mechanical Room
Full Building electrical outage on Tuesday, June 30 from 6 am to 3 pm

B. Upcoming:
   - Pipe chase/shaft to be installed from 1st floor to roof
   - Air Handler shut down TBD

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C. Impacts:
   - Noisy for core drilling on roof.
   - No heat and no hot water as noted above.
     - WC 243 Closet conversion into flue chase thru August 7
     - 1st Floor office 026B - ongoing above ceiling work thru August 7
     - 2nd floor hall next to office 241B - on going above ceiling work thru August 7

Cherry Creek:

A. Next week:
   - Install gas line thru east entry lobby
   - Air handler shut down affects 3rd Floor to move Pneumatic Controls compressor
   - Build new partitions at Mechanical Room
   - Boilers arrive week of June 29

B. Upcoming:
   - Pour equipment pads after 4th of July.
   - Mid-July shut down of air handling units – more info when exact date becomes available.
     - Full Building electrical outage on Tuesday, July 21 from 6 am to 9 am and Wednesday, July 23 from noon to 3 pm; NO HVAC either day.

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C. Impacts:
   - No heat and no hot water as noted above.
   - Gas piping will run from the east side of the building into the center of the building and up from the first floor to the third floor. As a result there will be some work in the main lobby area on the east side of the building.
Science:

A. This week:
   - Exterior trenching between wings of building continues; Will effect ingress/egress from the north to the main atrium butterfly area.
   - West wing north hallway corridor piping nearing completion.
   - Roof penetrations and curb installations above 1067 Projection Booth and cutting in penetrations thru the floor of the booth.
   - Continued installation of Boilers, piping and equipment in the Mechanical Room.
   - Frame and patch flue opening in exterior walls
   - Install exterior stairs for additional exit out of Mechanical room.

B. Upcoming:
   - Partial electrical shut down on Wednesday, July 1 affecting classroom lighting and power on 1st floor west wing.

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Note: Vivarium 180 degree water need will NOT be affected one heat exchanger will be intact and not be removed until boilers are operational.

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C. Impacts:

- The Science air handling unit has been shut down that provides tempered air to the 1067 Lecture Hall.
- No heat and no hot water as noted above.
- North corridor of Old Science will be under construction to allow pipe installation until August 7.
- Hot water piping from Old Science to New Science will cause the main entrance on the north side of the building to be closed for 4 weeks in June.
- Two Gender Neutral Restrooms on 1st Floor are now off line until August 7.
- Lots and lots of noisy work outside and surrounding the projection booth.