PROJECT A: STEAM TO NATURAL GAS CONVERSION
Wednesday, June 10, 2020

Overall Status: Project is on schedule to be complete at the end of September 2020. We will be getting an updated schedule from Phipps next week, so there may be changes to timing of some activities in next week’s update – they will be flagged as changes with a highlight.

Xcel work to install gas lines is complete except for hardscape repairs. Hardscape repairs have been completed except in front of the Science Building.

Happening next week, by Building:

Tivoli Commons:
A. No Change in Status:
   o As it turns our Xcel did not bore through a campus irrigation mainline near the Quad. The problem was an existing break that has been causing erosion beneath the Commons and a determination still needs to be made on what needs to be done about it.

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

B. Upcoming:

<table>
<thead>
<tr>
<th>No Steam / No Heat</th>
<th>No Hot Water</th>
<th>Boiler Delivery</th>
<th>Hot Water Returns</th>
<th>Heating Sys Active</th>
<th>Building Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 18</td>
<td>May 18</td>
<td>June 2</td>
<td>July 9</td>
<td>July 22</td>
<td>Sept. 20</td>
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C. Impacts:
   o Contractors are to utilize scaffold stair tower on north side of building.
   o No heat and no hot water in building as noted above.
   o Xcel has pulled the gas meter there is no gas to the building through late July.

Plaza:
A. Next week:
   o Roof work on Plaza will involve hot tar and a hot kettle
   o Penthouse concrete deck pour
   o Start work on interior landing from Penthouse to 3rd Floor
   o Ongoing finishes on interior walls in Boiler Room

B. Upcoming:
   o New gas meter from Xcel by end of June.
   o Permanent repairs to Plaza Suite 220 will be accomplished after the roof has been permanently been patched and dried in.
No Steam / No Hot Water / No Hot Water Boiler Delivery / Hot Water Returns Heating Sys Active / Building Complete

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<tr>
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<td>July 22</td>
<td>August 6</td>
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Note: Plaza Health Center has electric hot water heaters and will not experience a hot water outage.

C. Impacts:
- Contractors are to utilize scaffold stair tower on east side of building for Boiler Penthouse work.
- No heat and no hot water as noted above.

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**PE:**

A. Next week:
   - Install Boilers, piping and equipment in the Penthouse Mechanical Room.
   - Gas outage continues
   - New gas meter from Xcel by end of June.
   - Ongoing finishes on interior walls in Boiler Room
B. Upcoming:
- Continued work on the boiler room/penthouse
- Boilers arrive and will be craned up to the roof
- Whole building electrical outages June 23, for 4 or 5 hours in the morning and on June 24, for a couple hours late in the day.
- 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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<tr>
<td>May 12</td>
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<td>June 10</td>
<td>May 27</td>
<td>Aug 5</td>
<td>Sep. 17</td>
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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.
- When boilers are flown up to the roof a crane will block the north entrance on the east side of the building.

Arts:

A. Next week:
- Install 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.

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<td>May 18</td>
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<td>June 10</td>
<td>Aug 19</td>
<td>July 30</td>
<td>Sept. 11</td>
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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:
   o Install Boilers, piping and equipment in the Mechanical Room.
   o Complete installation of exterior gas lines on the roof of the building and pressure test
   o Install new electrical conduit in boiler room.
   o Install flues thru Central Alley wall.
   o Install insulation in south wall of Central Classroom 101

B. Upcoming:
   o Install framing for exterior wall.
   o Begin MEP rough-ins
   o Whole building electrical outage, 4 hour duration, June 30, will coordinate with Metro IT.

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<td>June 10</td>
<td>July 28</td>
<td>July 31</td>
<td>Sep. 14</td>
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C. Impacts:
   o No heat and no hot water as noted above.

West Classroom:

A. Next week:
   o Install Boilers, piping and equipment in the Mechanical Room.
   o Core drill for fresh air and exhaust through roof.
   o Installation of gas line from mechanical room to roof
   o Pipe chase/shaft being built from first floor to roof
   o Paint Mechanical Room
B. Upcoming:
  - WC 243 Closet conversion into flue chase.
  - Pipe chase/shaft to be installed from 1st floor to roof
  - Electrical Outage will need to occur most likely Mid July.
  - Air Handler shut down TBD

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<td>June 10</td>
<td>Aug 19</td>
<td>Aug 7</td>
<td>Sept. 21</td>
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C. Impacts:
  - Noisy for core drilling on roof.
  - No heat and no hot water as noted above.

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
  - Pour equipment pads.

B. Upcoming:
  - Boilers arrive
  - Electrical outage full day after the July 4.

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<td>June 10</td>
<td>Aug 4</td>
<td>Aug. 17</td>
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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 staring June 15; Fencing goes up on the 11th. Will effect ingress/egress from the north to the main atrium butterfly area.
   - West wing north hallway corridor piping underway.
   - Roof penetrations and curb installations above 1067 Projection Booth and cutting in penetrations thru the floor of the booth.
   - Fire sprinkling system relocation in boiler room below 1067.
   - Install 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.
   - Demo 1 heat exchanger in east wing leaving one for hot water and heat.

B. Upcoming:

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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.
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.
- 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.
Gender Neutral Restrooms

Pipe Installation in Corridor Ceiling