

PROJECT A: STEAM TO NATURAL GAS CONVERSION
Wednesday, May 27, 2020

Overall Status: Project is on schedule to be complete at the end of September 2020. Xcel work to install gas lines is complete except for hardscape repairs. Hardscape repairs were completed in front of Cherry Creek and the Arts Building. The east side of PE, and the north side of Science are scheduled this week.

Happening next week, by Building:

Tivoli Commons:

A. Next Week:

- a. As it turns out 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 hangers and supports for new piping
- o Ongoing finishes on interior walls in Boiler Room
- o Begin electrical conduit work in the Boiler Room

B. Upcoming:

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 18	May 18	June 2	July 9	July 22	Sept. 20

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 Noisy demo work will be occurring in the Mechanical Room.

Plaza:

A. Next week:

- o Begin Roof work on penthouse
- o Install sheathing over exterior stud work on Penthouse Mechanical Room

B. Upcoming:

- o Roofing the Penthouse
- o Fireproofing structural steel members
- o Remove the existing roof under the penthouse.

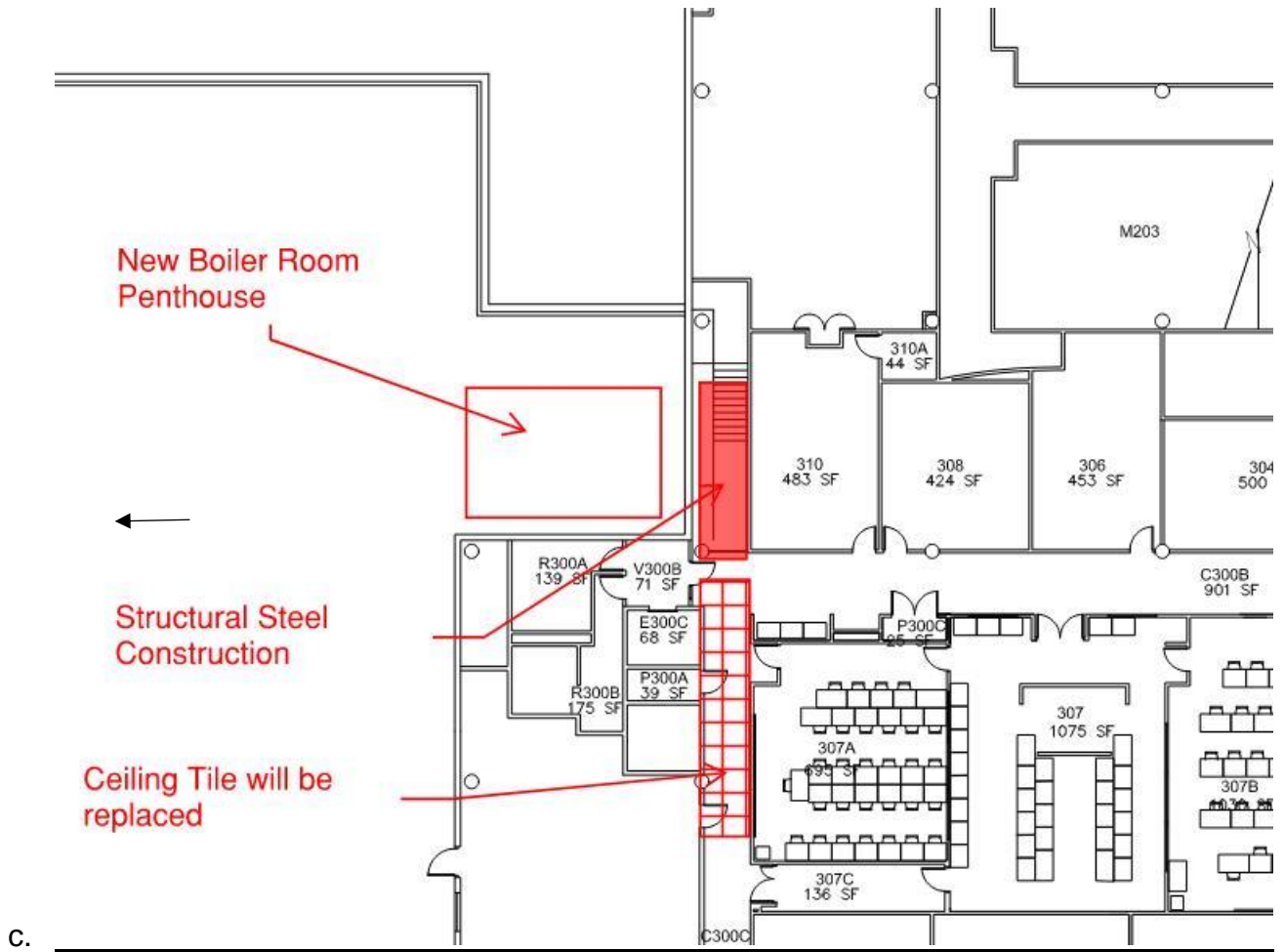
No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 13	May 13	June 10	July 22	August 6	Sept. 18

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.
- There was another heavy rainfall event on Sunday, May 24. GH Phipps was on site to observe and monitor the situation during the event. There was a problem at the floor sink penetration that was captured in a trash can.
- Phipps is working with a restoration consultant to ensure mitigation of water issues is complete. The roof protection issues have now been addressed.
- GH Phipps will be monitoring weather forecasts and the existing roof will not be removed until there is dry forecast because the building will be very vulnerable during this stage of construction.





PE:

A. Next week:

- Fireproofing of beams
- Exterior framing at new boiler room and beams
- Gas outage continues until June 2

B. Upcoming:

- Continued work on the boiler room/penthouse
- Installation of decking and pour of new boiler room floor concrete

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 12	May 7	June 10	May 27	Aug 5	Sep. 17

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.
 - Wall between Dance and Exercise rooms sustained some water damage from roof leak that occurred on May 15; Phipps bringing in consultant to identify mitigation measures.

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Arts:

A. Next week:

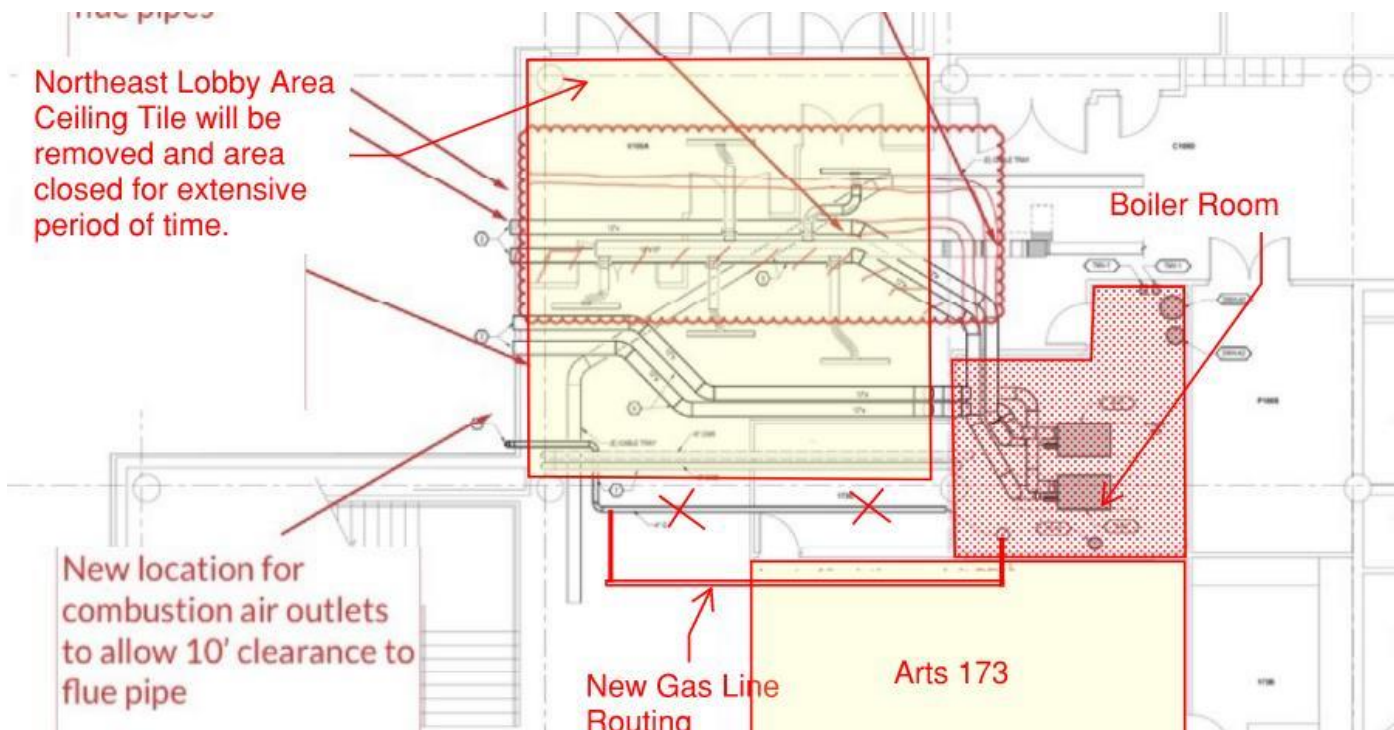
- Begin MEP rough-ins.
- Install flues in lobby and at hallway to exterior.
- Gas line and pipe installation in lobby and through Arts 173.
- Relocate fire sprinkler lines in north lobby area

B. Upcoming:

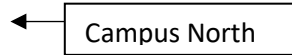
No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 18	May 18	June 10	Aug 19	July 30	Sept. 11

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 – Later this month, waiting on some valves.



Central Classroom:



A. Next week:

- o Continued installation of exterior gas lines on the roof of the building
- o Installation of vertical gas lines on the outside of Central adjacent to St. Elizabeth Alley June 3-6
- o Install new electrical conduit in boiler room.

B. Upcoming:

- o Install framing for exterior wall.
- o Begin MEP rough-ins

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 18	May 18	June 10	July 28	July 31	Sep. 14

C. Impacts:

- o During the installation of the vertical gas lines in the alley between St. Elizabeth and Central the food line will need to be relocated for the safety of the folks served by the Church.
- o Noisy demo work will be occurring in the Mechanical Room.
- o No heat and no hot water as noted above.

West Classroom:

A. Next week:

- o Demo and installation of concrete equipment pads in Mechanical Room
- o Installation of gas line from mechanical room to roof

B. Upcoming:

- o WC 243 Closet conversion into flue chase.
- o Pipe chase/shaft being built from first floor to roof
- o MEP rough-ins begin June 8
- o Pipe chase/shaft to be installed from 1st floor to roof, to begin in early June

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 26	May 26	June 10	Aug 19	Aug 7	Sept. 21

C. Impacts:

- o Noisy demo work will be occurring in the Mechanical Room.
- o No heat and no hot water as noted above.

Cherry Creek:

A. Next week:

- o Build new partitions at Mechanical Room
- o Demo and installation of concrete equipment pads in Mechanical Room

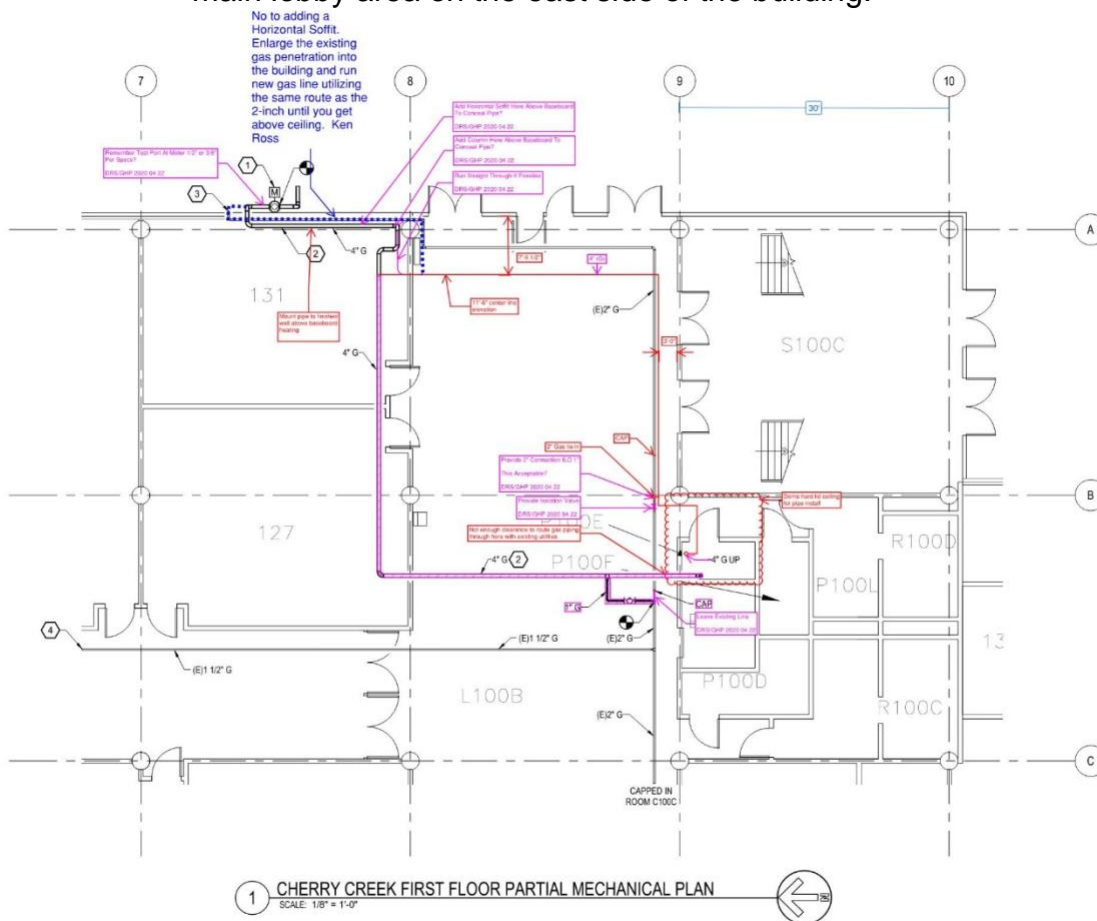
B. Upcoming:

- Install gas line thru east entry lobby starting June 8th
- Additional asbestos abatement is required in the boiler room

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 19	May 19	June 10	Aug 4	Aug. 17	Sept. 29

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:

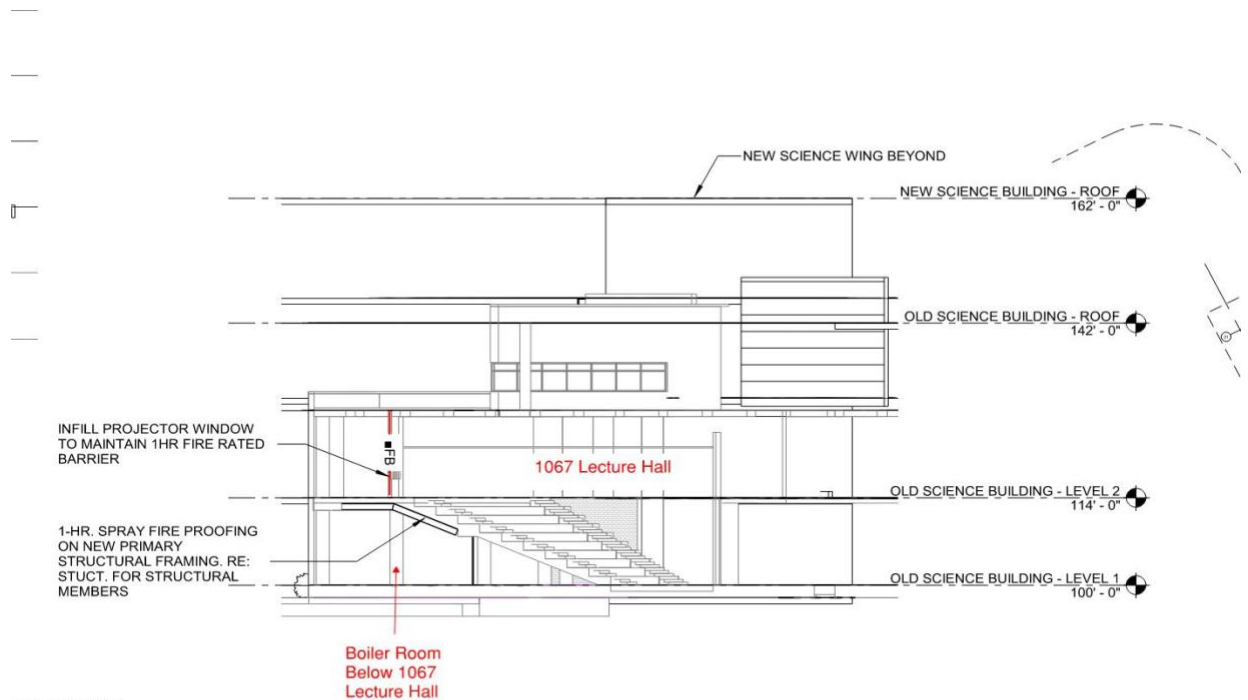
A. This week:

- Fireproofing of Structural Steel in the new boiler room below 1067.
- Extensive work will be occurring in the 1067 Auditorium to core ceiling and Projection Booth floor for flue penetrations after structural steel is completed to reinforce ceiling.
- West wing north hallway corridor piping underway.
- Sprinkler head relocation in west wing north hallway

B. Upcoming:

- Steam demo starting June 4th (Only effects the Old Science Wing)
- Roof penetrations and curb installations above 1067 Projection Booth.
- Exterior trenching between wings of building starting June 8; will effect ingress/egress

No Steam / No Heat	No Hot Water	Boiler Delivery		Hot Water Returns	Heating Sys Active	Building Complete
June 4	May 26	June 10		Aug 10	Aug 6	Sept. 29
Note: Vivarium 180 degree water need will NOT be affected as hot water comes from East basement.						



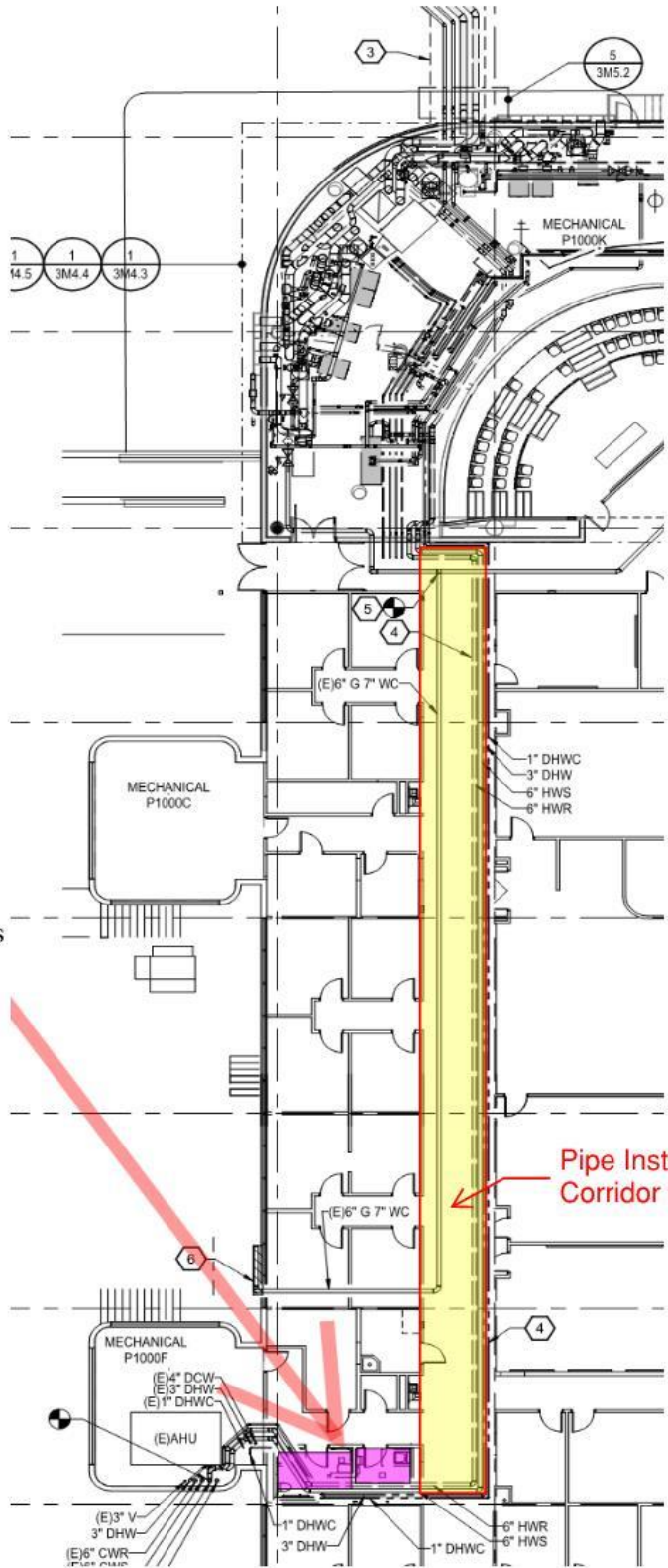
BUILDING -
COMPLIANCE
EL 01

5 CODE COMPLIANCE SECTION
1/16" = 1'-0"

ROOM - 1067A / A06;
PROJECTION RM / P
SCOPE:
CONVERT PROJECT
MECHANICAL SHAPE

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.



Gender Neutral Restrooms

Pipe Installation in
Corridor Ceiling