

PROJECT A: STEAM TO NATURAL GAS CONVERSION
Wednesday, May 6, 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. After a comprehensive value engineering effort by the design team and GH Phipps the budget is good and we have been able to add some aspects of work back into the project. Note that we have received an updated schedule from GH Phipps and some of the dates have been pushed back due to boiler and hot water heater delivery dates being determined by the manufacturers.

Happening this week, by Building:

Boulder Creek:

- A. This week:
 - o Finishes on interior walls in Boiler Room

- B. Upcoming:
 - o May 18: Steam shut down for demo of steam equipment.
 - o June 8-June 30: Gas outage for gas line work.

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: Minimal. Construction is confined to the Penthouse and Roof.
 - a. Contractors are to utilize scaffold stair tower on north side of building.
 - b. No heat and no hot water in building as noted above.

Plaza:

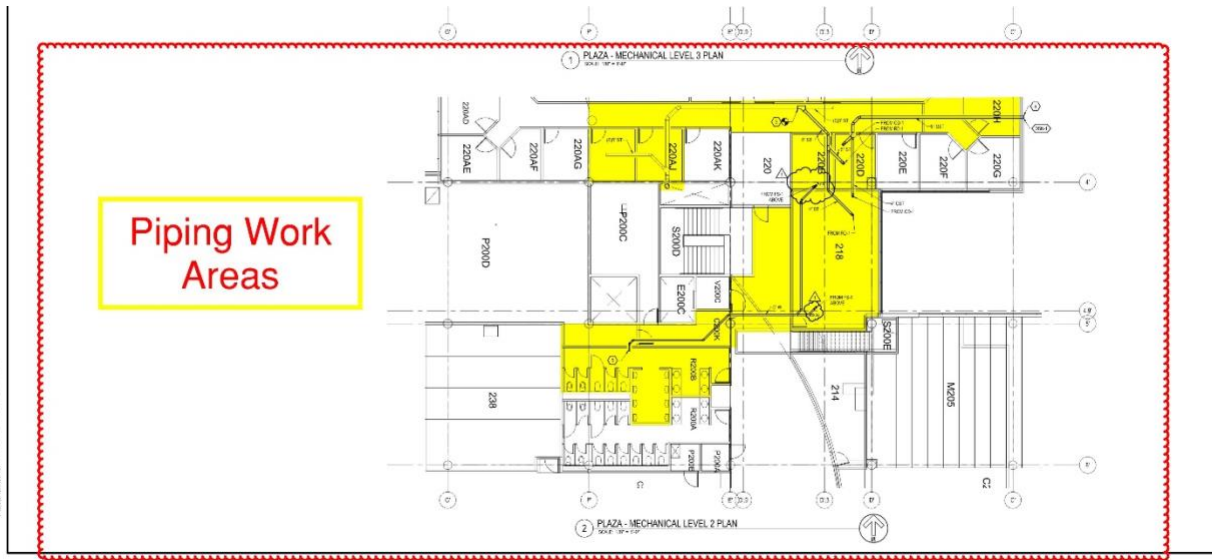
- A. This week:
 - o Finish hallway work and re-installation of ceiling
 - o Install roof overflow scupper
 - o Structural steel begins, including new beam inside on NE corner of building

- B. Upcoming:
 - o May 26: Steam shut down for demo of steam equipment.

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 26	May 26	June 10	July 22	August 6	Sept. 18

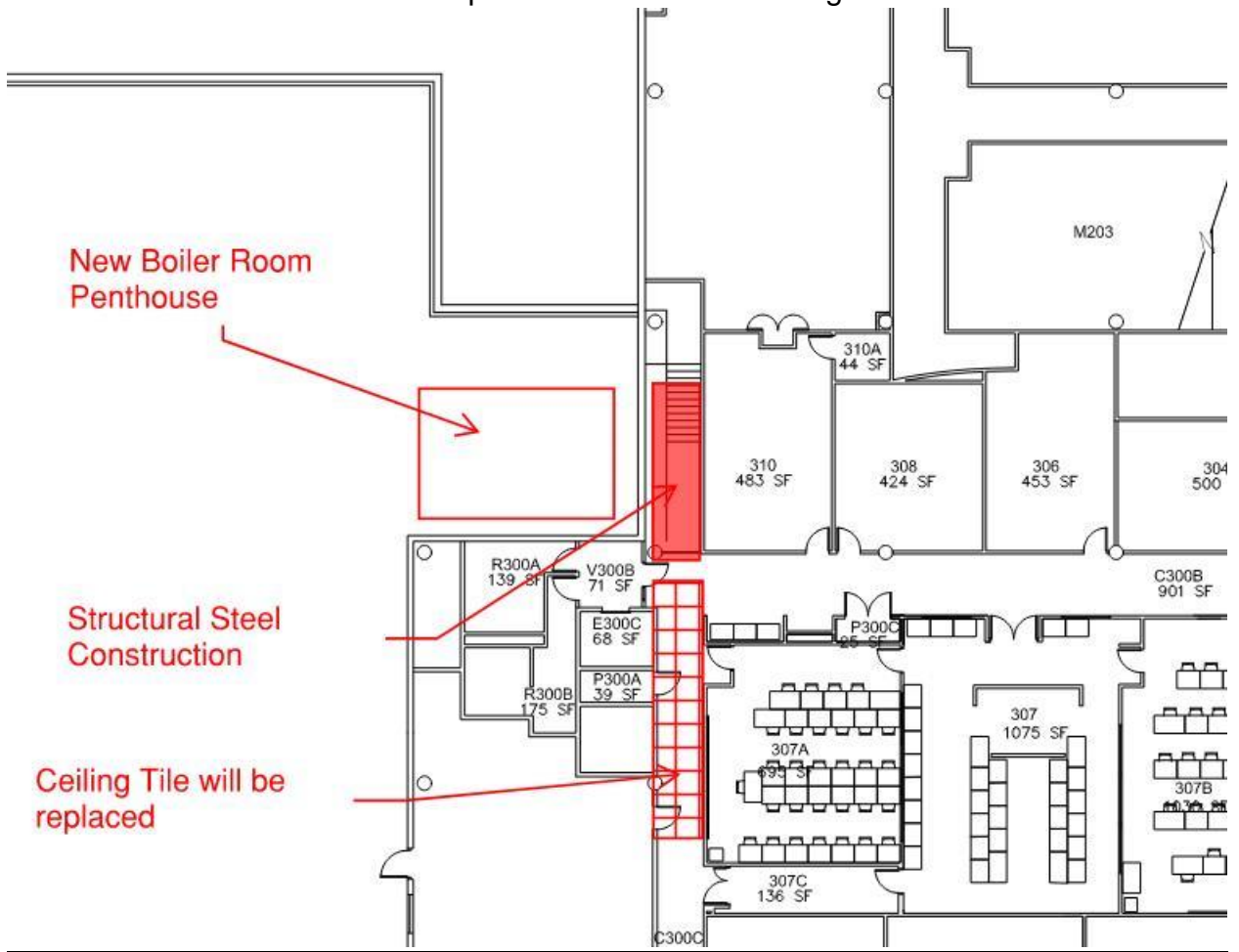
Note: Plaza Health Center has electric hot water heaters and will not experience a hot water outage.

- C. Impacts:
 - a. Contractors are to utilize scaffold stair tower on east side of building for Boiler Penthouse work.
 - b. No heat and no hot water as noted above.
 - c. Drain piping is being installed above the ceilings on the second floor.



Campus North

- d. Work is underway that involves installing structural steel for the penthouse and the access from the new boiler room penthouse into the building.



Campus North

PE:

A. This week:

- Work is underway on roof for new Boiler Penthouse.
- Installing gas piping on roof
- Continued installation of piping in existing Mechanical Room.

B. Upcoming:

- Demo of steam equipment in mechanical room
- Start of construction of new penthouse on roof
- Installation of gas line
- Gas outage starting May 7 and ending June 2

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 18	May 7	June 10	May 27	Aug 5	Sep. 17

C. Impacts:

- a. To provide a more comfortable working environment in the Mechanical Room steam has been temporarily shut down.
- b. Beginning Thursday, May 7th natural gas will be shut down to the building. This means for the next 3 weeks the building will be without hot water. (If hot water is needed during this period, there is a work around that can be done if necessary.)
- c. Contractors are to utilize scaffold stair tower on south side of building for Boiler Penthouse work.
- d. No heat and no hot water as noted above.

Arts:

A. This week

- Gas line installation on roof at NE corner on going.
- Preparation for interior hallway work above ceiling
- Preparation for work in classroom Arts 173 (due West of Mechanical Room)

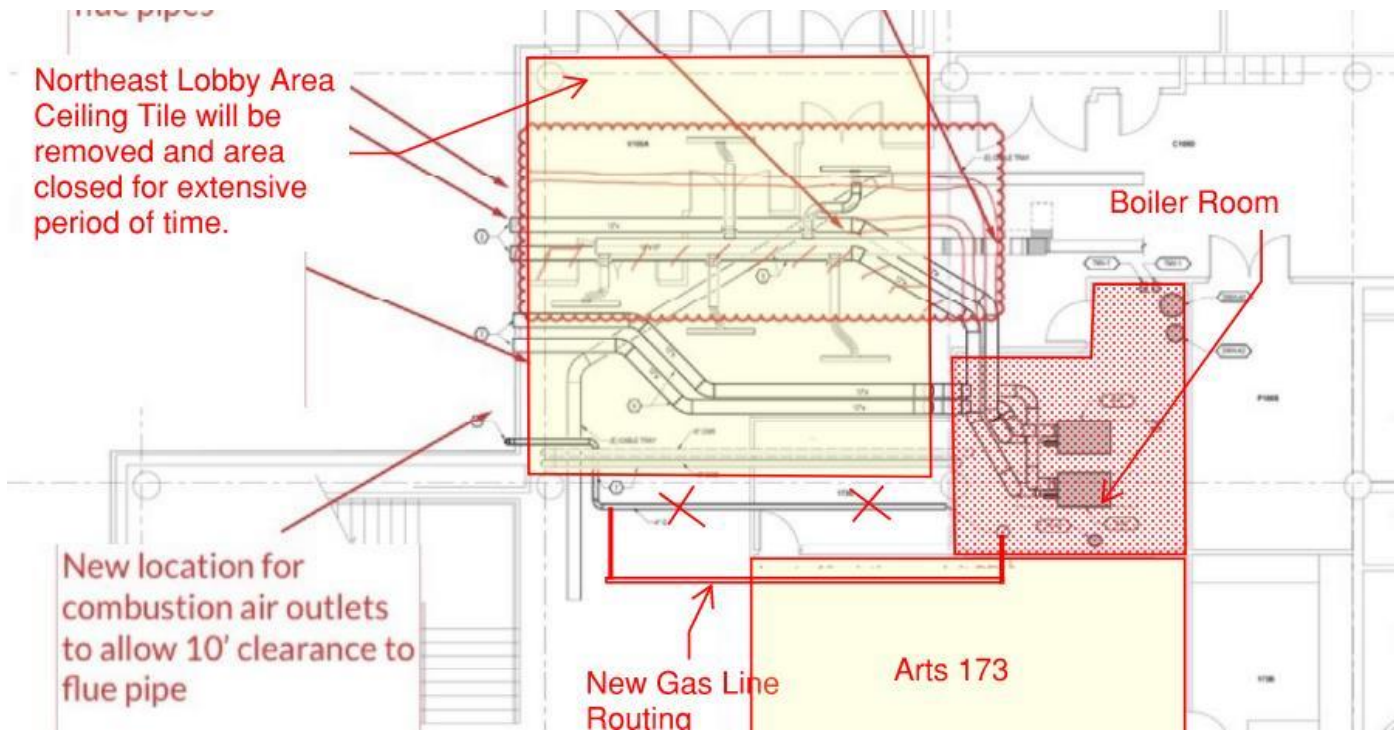
B. Upcoming:

- Gas line and pipe installation in lobby – no date yet determined

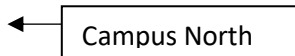
No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 18	May 18	June 10	Aug 19	July 30	Sept. 11

C. Impacts:

- a. To provide a more comfortable working environment in the Mechanical Room steam has been temporarily shut down, as a result there is no hot water in the building.
- b. No heat and no hot water as noted above.
- c. Majority of work is concentrated in the northeast corner of the building.
- d. No gas to Arts Kiln Room – May 13.



Central Classroom:



- A. This week
Installation of exterior gas lines on the roof of the building
- B. Upcoming:
 - o Demolition of steam equipment
 - o Installation of vertical gas lines on the outside of Central adjacent to St. Elizabeth Alley.

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:
 - a. To provide a more comfortable working environment in the Mechanical Room steam has been temporarily shut down, as a result there is no hot water in the building.
 - b. 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.
 - c. No heat and no hot water as noted above.

West Classroom:

- A. This week:
 - o No work scheduled

- B. Upcoming:
 - o Core drilling for roof penetrations and flues

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:
 - a. To provide a more comfortable working environment in the Mechanical Room steam has been temporarily shut down, as a result there is no hot water in the building.
 - b. No heat and no hot water as noted above.
 - c. WC 243 Closet Investigation and Planning

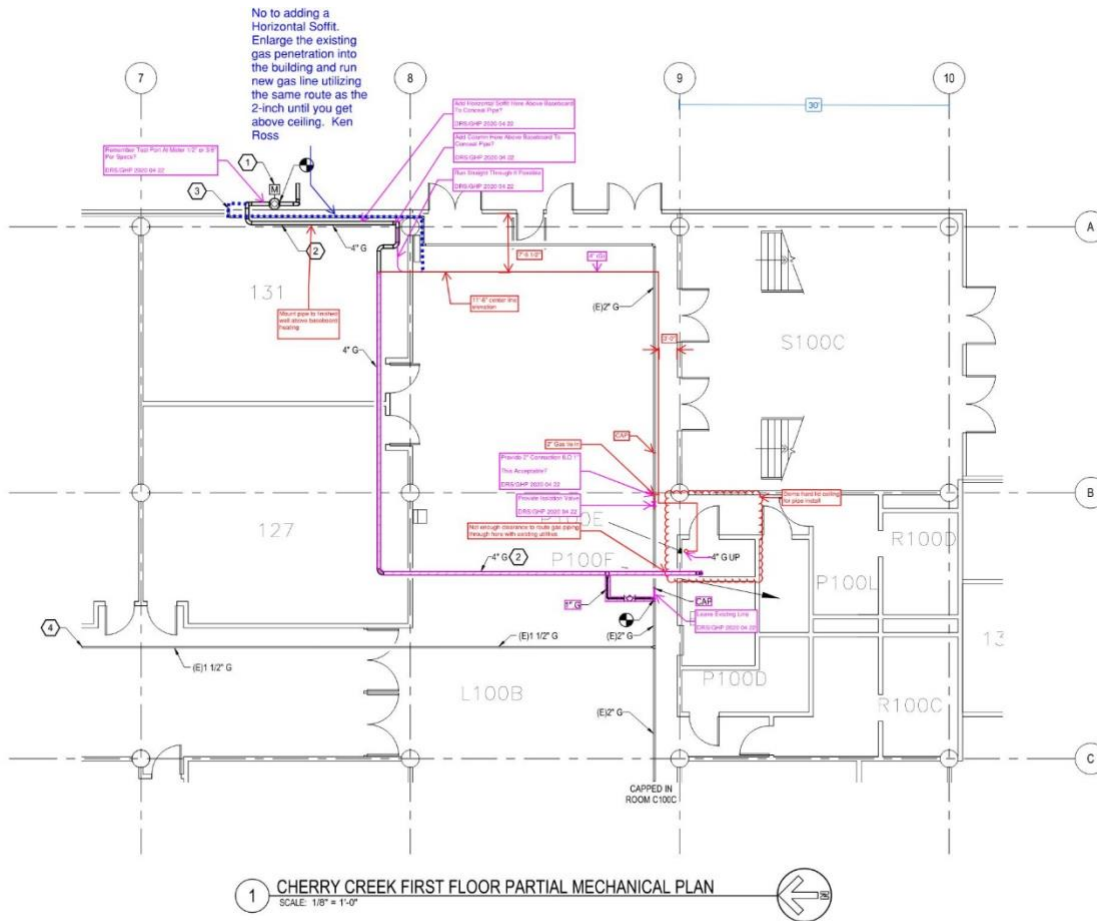
Cherry Creek:

- A. This week:
 - o Installation of Roof protection - continues

- B. Upcoming:
 - o Install interior gas piping
 - o Install roof penetrations for flues
 - o Demolition of Steam equipment May 19

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:
 - a. To provide a more comfortable working environment in the Mechanical Room steam has been temporarily shut down, as a result there is no hot water in the building.
 - b. No heat and no hot water as noted above.
 - c. 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:

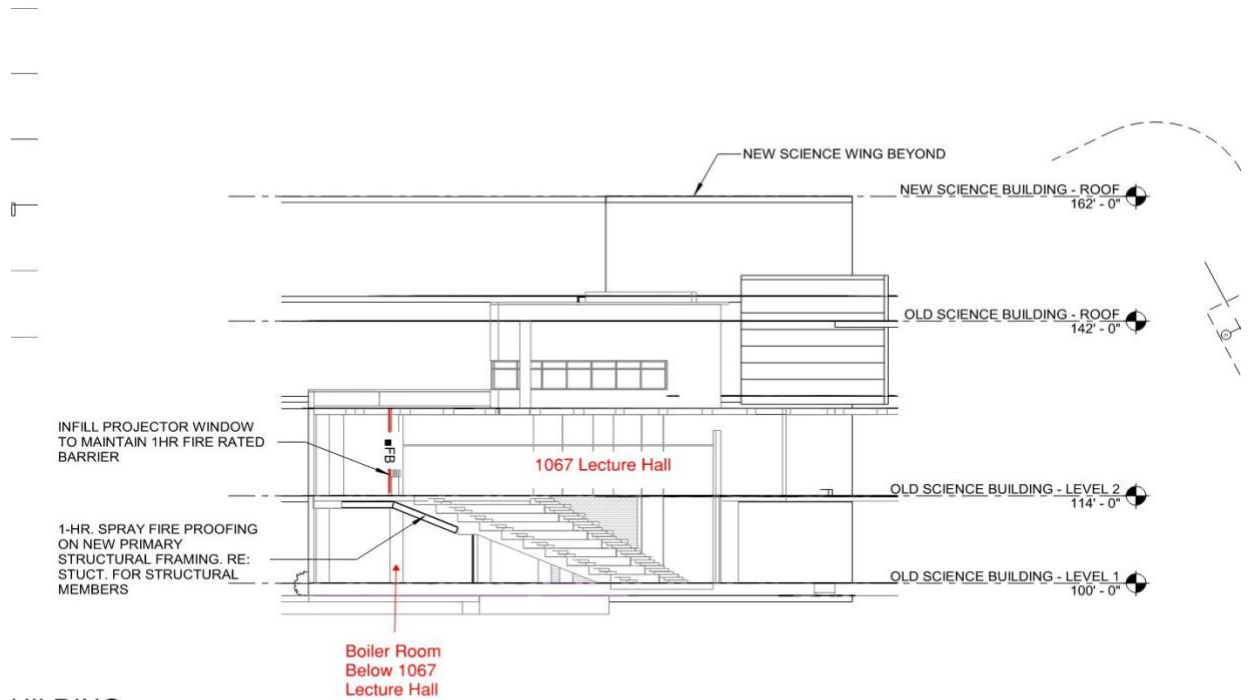
- The Science air handling unit has been shut down that provides tempered air to the 1067 Lecture Hall.
- Floor sink piping is ongoing in the space immediately below 1067.
- Removal of the hard ceilings in both bathrooms for investigation and eventual installation of HWS & HWR piping that leads to the West Wing Mech Room. Ceilings will be put back to their original condition once piping is installed.
- Installation of under-slab plumbing in boiler room
- Preparation for exterior gas line installation

B. Upcoming:

- Steam demo starting June 4th

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
Jun 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.					

- Starting May 11th – Steel work begins in the new boiler room below 1067.
- Work will begin in north corridor of the Old Science to bring piping into new boiler room.



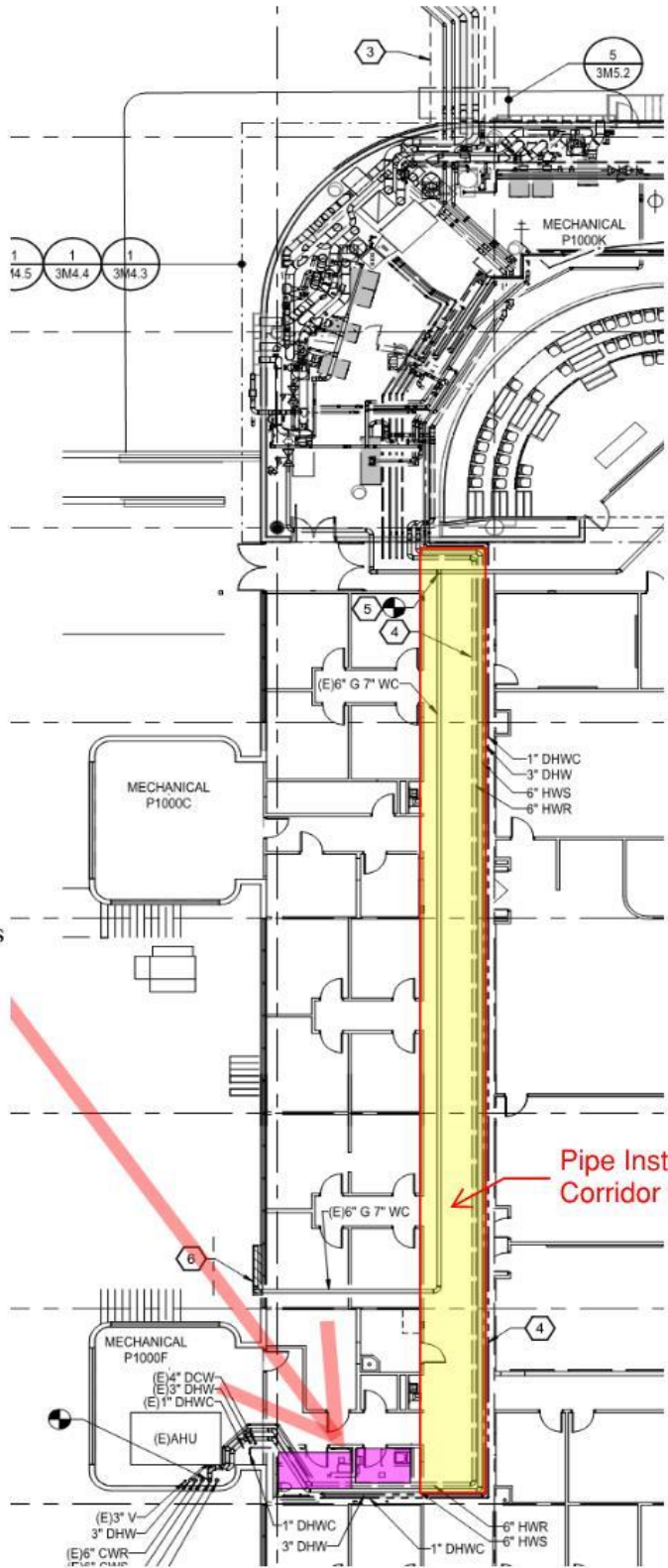
BUILDING -
COMPLIANCE
EL 01

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

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

C. Impacts:

- a. No heat and no hot water as noted above.
- b. North corridor of Old Science will be under construction to allow pipe installation.
- c. 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.
- d. Two Gender Neutral Restrooms on 1st Floor will be off line until August 7.



Gender Neutral Restrooms

Pipe Installation in
Corridor Ceiling