

PROJECT A: STEAM TO NATURAL GAS CONVERSION
Wednesday, August 12, 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, continues to work diligently to have hot water on by the start of classes on August 17; the only locations that will not meet this date is the West wing of Science and Cherry Creek due to late meter installations by Xcel Energy. Currently the date may be as late as Thursday, August 27 for hot water in the West wing, but Phipps continues to work to improve that date.

Xcel's meters have been arriving over the last 2 weeks; Xcel's meter shop's schedule has been slipping, causing delays in the individualized meters being built for some of the AHEC buildings. We are now confident of hitting the August 17 date for restoring hot water for all but West Science and Cherry Creek; some buildings may have hot water earlier or later based on meter installations and we will highlight those dates on the building-by-building schedule below as they get updated.

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-Sept.

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 August 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 have begun and will take a couple of weeks.

Boulder Creek:

A. This Week/Next Week:

- Xcel's meter installation delayed until Friday, August 14; Phipps will work tirelessly to have hot water on Monday, August 17.
- Boiler Start-up for heat will begin Monday, August 17.

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 18	May 18	June 2	August 17	August 31*	Sept. 20

*Heating will be possible, but commissioning and testing will go on through September.

B. Impacts:

- Contractors are to utilize scaffold stair tower on north side of building (Will be torn down by August 17).
- No heat and no hot water in building as noted above.

Plaza:

A. This week

- Repairs to water-damaged rooms complete.
- Continue installation of exterior metal panels on boiler room structure thru August 14.
- Boiler start-up for heat on Wednesday, August 12.

B. Next week:

- Continued work on interior landing from Penthouse to 3rd Floor, stairwell itself is in fabrication; will do a Saturday install once it arrives.

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 13	May 13	June 10	August 17	August 31*	Sept. 18

***Heating will be possible, but commissioning and testing will go on through September.**

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 thru August 21.

PE:

A. This week/Next week:

- Continued install of exterior metal panels on new Penthouse Mechanical Room thru August 14.

B. Upcoming:

- Continue finish work on the boiler room/penthouse.
- Installation of new stair, currently in manufacturing; mid-September install (Temp stairwell in place).

Campus North

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Is ON!!!	Heating Sys Active	Building Complete
May 12	May 7	June 10	ON ON ON	August 31 *	Sept. 17

***Heating will be possible, but commissioning and testing will go on through September.**

C. Impacts:

- Contractors are to utilize scaffold stair tower on south side of building for Boiler Penthouse work. Stair tower to come down August 21.
- Sidewalk damaged during gas line installation on the south side of PE in Lawrence Way will be removed and replaced so loud demolition activities will be occurring over next couple of weeks.

Arts:

A. Next week:

- Only small barricade at Mechanical Room remains in hallway, until Mid-August.
- New gas meter installed; hot water back on Friday, August 14.
- Backflow preventers are being re-certified week of August 10.

B. Upcoming:

- Natural gas to kiln room has been restored; AHEC Plumbing will test with individual instructors for jewelry and ceramics the week of August 10.

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 18	May 18	June 10	August 14	August 31*	Sept. 11

***Heating will be possible, but commissioning and testing will go on through September.**

C. Impacts:

- No heat and no hot water as noted above.

Central Classroom:

A. This week/Next week:

- Gas meter installation August 11.
- Anticipated pump start-up and water flows on August 12; boiler start-up for heat on August 19.

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 18	May 18	June 10	August 17	August 31*	Sep. 14

***Heating will be possible, but commissioning and testing will go on through September.**

C. Impacts:

- No heat and no hot water as noted above.

West Classroom:

A. This week/Next week:

- Hallway work continues thru August 10.
- Anticipating start-up of pumps and water flow testing August 11
- Boiler start-up for heat on August 17.

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 26	May 26	June 10	August 17	August 31*	Sept. 21

***Heating will be possible, but commissioning and testing will go on through September.**

C. Impacts:

- No heat and no hot water as noted above.

Cherry Creek:

A. Next Week:

- Anticipating Xcel gas meter installation August 18.
- Work in 3rd floor hallway thru August 10.

B. Upcoming:

- Hot water back on by August 24 (working for earlier if Xcel delivers meter earlier).
- Stair tower in place until September 4.
- New compressors will be installed August 29 weekend; swap existing for new.

No Steam / No Heat	No Hot Water	Boiler Delivery	Hot Water Returns	Heating Sys Active	Building Complete
May 19	May 19	June 29	August 24	August 31*	Sept. 29

***Heating will be possible, but commissioning and testing will go on through September.**

C. Impacts:

- No heat and no hot water as noted above.

Science:

A. This week/Next week:

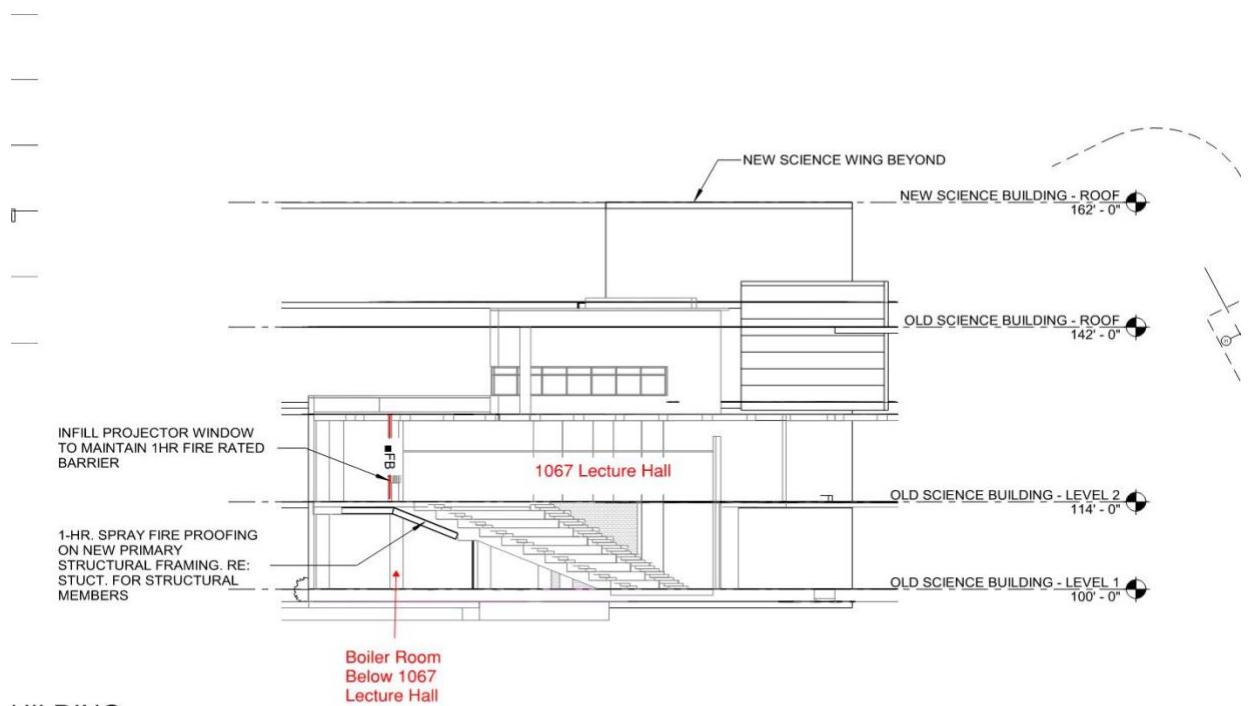
- Exterior trenching between wings of building continues; Will effect ingress/egress from the north to the main atrium butterfly area. Way finding signage showing entry/exits and barriers will be installed at doors and hallways.(Completion date: August 14)
- Continued installation of piping in the Mechanical Room.
- Concrete exterior stairs poured; measuring for railings for additional exit out of Mechanical room; railing delivered by end of August.
- Gender neutral bathrooms are back in service as of Monday, August 10.
- Vivarium work continues as worked out with stakeholders thru August 21.

B. Upcoming:

- Anticipated Xcel gas meter installation **August 13 20.**
- Acoustic panels are on order for Rm 1067.
- 3-day gas outage effecting Bunsen burners after meter set; exact dates to be determined and will be communicated to labs. Working to schedule this for Friday afternoon/Saturday; awaiting final lab/class schedule for Fall.

No Steam / No Heat	No Hot Water	Boiler Delivery		Hot Water Returns	Heating Sys Active	Building Complete
June 4	May 26	June 10		Aug. 27 - WEST	August 31*	Sept. 29
Note: Vivarium 180 degree water need will NOT be affected one heat exchanger will be intact and not be removed until boilers are operational.						

***Heating will be possible, but commissioning and testing will go on through September.**



BUILDING -
COMPLIANCE
EL 01


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

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


C. Impacts:


- The Science air handling unit will be re-started Thursday, August 13 (It provides tempered (cool) air to the 1067 Lecture Hall.)
- No heat and no hot water as noted above.
- Hot water piping from Old Science to New Science will cause the main entrance on the north side of the building to be closed thru approximately August 14.


SCIENCE PUBLIC SAFETY BARRIER AND WAYFINDING PLAN 7-6 TO 8-14


 = AREA NOT ACCESSIBLE TO PUBLIC 7-6 TO 8-14

 = 4' SAFETY PANEL BARRIER WITH SIGN "HALLWAY CLOSED - DETOUR" WITH DIRECTIONAL ARROW

 = 6' CHAIN LINK FENCE WITH EMERGENCY EGRESS SIGNAGE AND ARROWS AS NEEDED

 = PUBLIC ACCESS ROUTE

 = EMERGENCY EXIT ROUTE (OPEN TO PUBLIC ONLY IN EMERGENCIES)

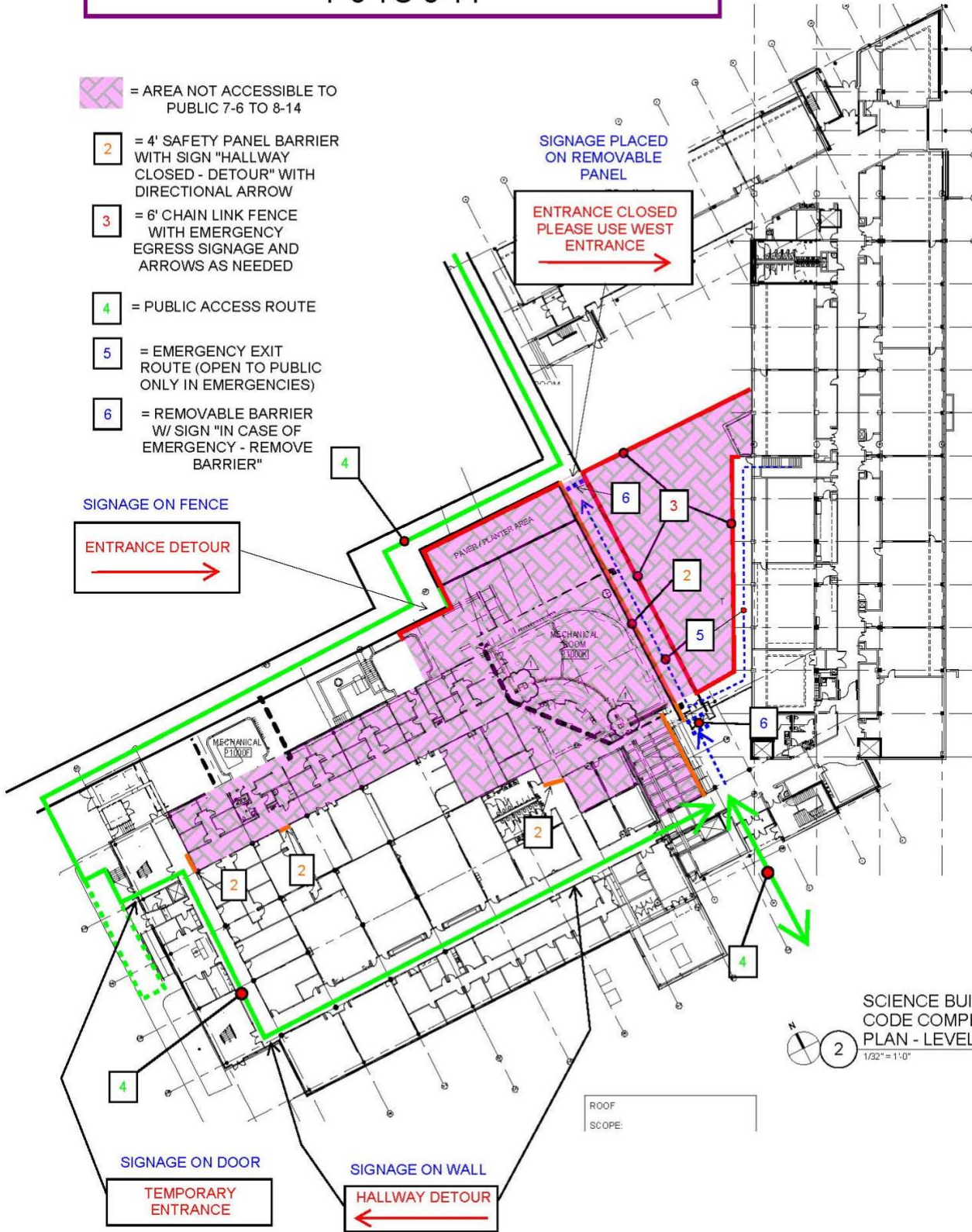
 = REMOVABLE BARRIER W/ SIGN "IN CASE OF EMERGENCY - REMOVE BARRIER"

SIGNAGE ON FENCE

ENTRANCE DETOUR


SIGNAGE PLACED ON REMOVABLE PANEL

ENTRANCE CLOSED PLEASE USE WEST ENTRANCE

INFILL PROJECT TO MAINTAIN BARRIER

1-HR. SPRAY F ON NEW PRIM STRUCT. FOR S MEMBERS

SCIENCE BUILDING -
CODE COMPLIANCE
PLAN - LEVEL 01



ROOF SCOPE: