Pharmaceutical Sciences

Overview & discussion of planned work
Steam Process Boiler Plant Overview

Commissioned by UBC Energy & Water > Delivered by Project Services > Maintained by Building Operations

Piping through existing infrastructure, in through mechanical room(s), out to the street and with one penetration into Life Sciences Centre.
Steam Process Boiler Plant Overview

What is in this for you

- Improved system
- Monetarily feasible
- Synergies with existing campus equipment

System Redundancy:
- Eliminate unplanned shutdowns
- Increased reliability / reduced cycling of boiler system
- Reduced downtime for preventative maintenance due to redundancy
- Better serviceability / control
Penthouse Mechanical Room

Description: Steam micro grid to service Pharm Sci & Life Sci for the process steam load

Impacts:
- Localized service shutdowns
- General construction noise while anchoring pipe
- Vibration from impact tools
- Drilling in inserts for pipe hangers
Interstitial Space

Description: Pipe installation using impact drill in space between occupied floors

Impacts:  
- Localized service shutdowns  
- General construction noise while anchoring pipe  
- Vibration from impact tools  
- Coring into lower mechanical room
Lower Mechanical Room

Description: Pipe install into mechanical room, through hallway, into lower mechanical room, through interstitial space and penetrates out the building at the NW corner

Impacts:
- General construction noise
- Vibration from impact tools
- Drilling inserts for pipe hangers
External Work

Description: Pipe installed along 50m section of sidewalk on the south side of Agronomy to Life Sciences tie-in.

Impacts:
- General construction noise
- Vibration from soil compaction
- Traffic & pedestrian detours
- Repaving of sidewalk
Life Science Mechanical Room

Description: Steam distribution pipe installed in mechanical room from the manhole located across the street. This work is isolated to the mechanical room only.

Impacts:
- General construction noise
- Vibration from impact tools and coring
- Drilling inserts for pipe hangers
- Localized service shutdowns
We are happy to discuss any potential impacts to your workspace.

Please contact:
Deb Capps, Facilities Manager
deb.capps@ubc.ca | Phone 604-822-0072 | Cell 604-240-3676

We want to work together to build success.

Thank you
Ryan Huffman, Project Manager.