

During Phase 2 buildout, plumbing systems were tested. Water was found to be leaking from the plumbing drain lines below the floor through the ceiling of the "bridge". Per discussions with the city it was decided that we would camera and inspect the drain lines. The drain lines were found to be broken in various locations and holding water in others. Per conversation with City it was decided that drain would have to be replaced expediently, including the following:

- Cut plaster ceiling, demo remove and dispose of all spoils.
- Re-pipe drain line for entire bridge and all associated plumbing.
- Install two (2) 6w 220v heat tape in duplicate for redundancy.
- Insulate entire underfloor plumbing system.

After opening the ceiling we found the drain was not in compliance with state code. Per discussion with the city on site it was determined that the drain could not be reinstalled in the existing soffit structure per the original construction. While re-piping the drain the length of the bridge with proper pitch did not increase costs over the estimate to do so, it did require that the drain would need a new penetration and that it and be re-routed through the building to accommodate the new installation per code. To accomplish this we would have to do the following:

- Cut and remove remaining framing for the plaster ceiling as needed.
- Replace/ add hangers as needed per code.
- Core drill brick facade and cinder block core wall.
- Pipe drain through existing office space into basement.
- Make and patch access as needed to route drain.
- Firestop all penetrations.