

Lessons Learned



Date: June 17, 2021

Region: Portland

Project: Mary Woodward Elementary

Incident Title: Left Behind Demo Item

Summary

Two summers ago, Apollo was tasked with upgrades to several Elementary schools.

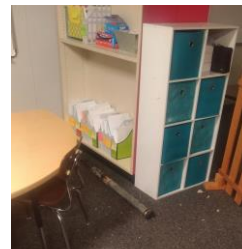
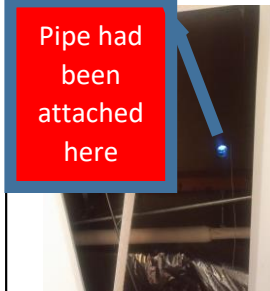
One of them was Mary Woodward

Part of the upgrades required demo to take place before upgraded heating and cooling systems were installed.

In the case of this item, the demo activity neglected to capture all the demo material, resulting in a piece of vent piping being left in the roofline of the school.

This material overtime became dislodged and fell through the ceiling tiles into a classroom.

Fortunately, this occurred after class had dismissed for the day.



What Went Right?

- Luckily, the classroom was vacant at the time the pipe fell. A 10- pound piece of pipe could have struck a small child.

What Went Wrong?

- Left behind vent piping was only secured by sealant around roof penetration. There were no longer any supports or hangers holding it in place after demo activity.
- Demo work did not capture that this was no longer connected to any type of support.

Lessons Learned

- **When doing demo activities, make sure there are no left behinds.**
- **All materials connected to a demo system must remain secured or removed at the conclusion of the work.**
- **Double check supports, and connections to all materials when doing this type of work.**
- **Leave no unsupported items in place prior to leaving the area.**