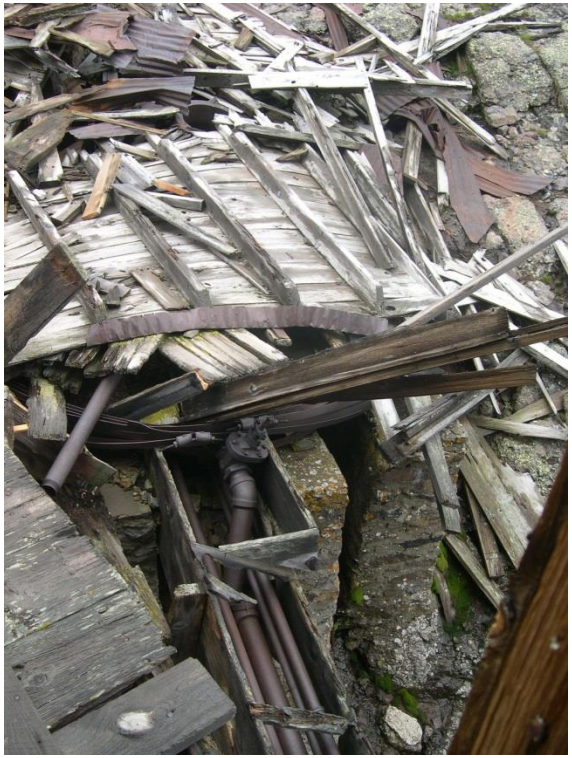
The 2010 work plan for Lewis Mill addressed safety issues, exterior weatherization, and some interior structural stabilization. This photo was taken prior to the start of the 2010 work season.

This photo depicts a structurally stabilized access ramp with handrails, newly installed door replicating the original, some of the 18 windows with new glazing and general site clean-up.

This west view shows a repaired water chase and the floor and remains of a water tank uncovered during site cleanup.

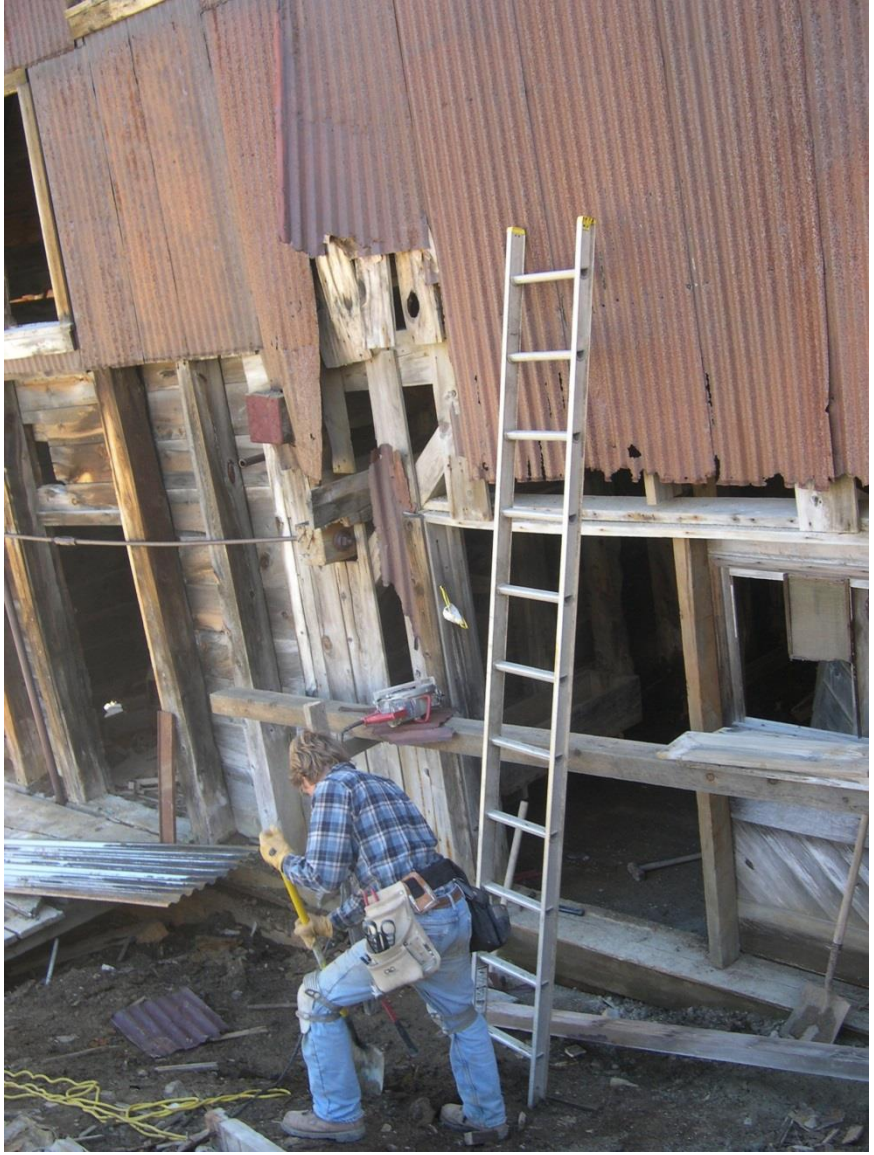
This depicts new support beams for the main entrance access ramp.

Front door detail and new metal caps covering exterior building support beams. This side of the building takes the brunt of weather and snow deposition. The metal caps will protect the beams from further water penetration. The door helps keep snow, rain and marmots out of the building.



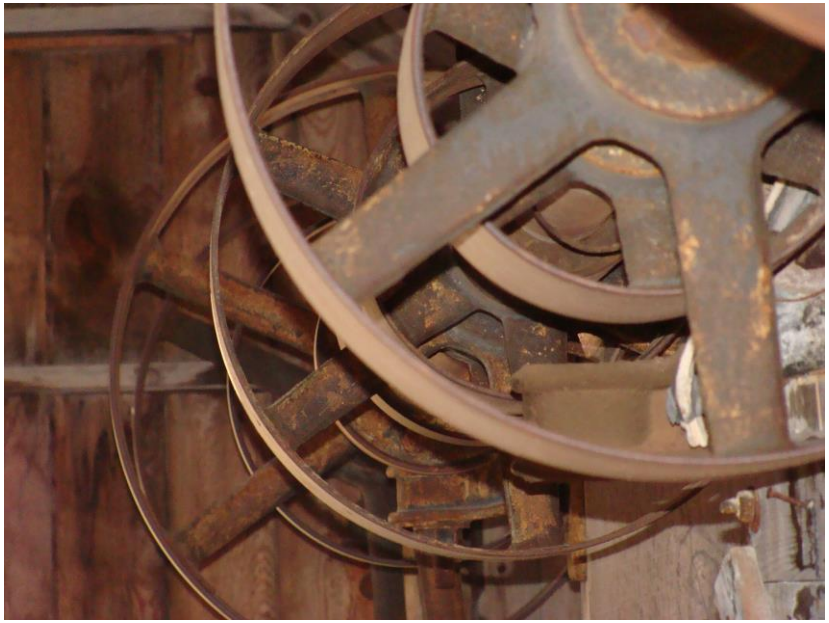
The photo left is the collapsed water tank prior to the clean-up, and on the right, the water chase is being repaired.

This is the north side of the structure showing the dilapidated condition of the ground floor doors and walls prior to 2010 work.

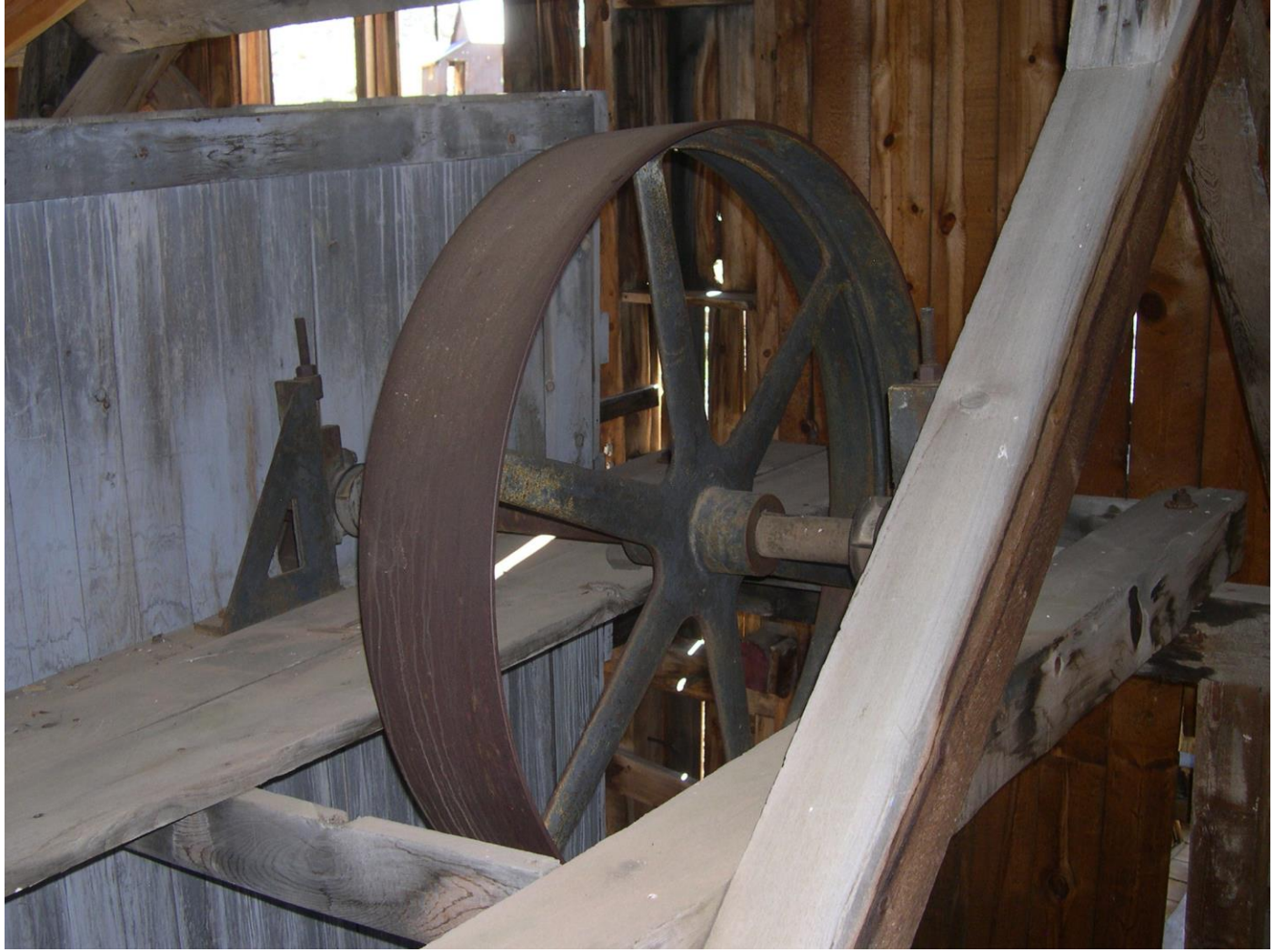


Work on the north side consisted of repairing/replacing wall timbers, door jams and headers, and repairing/rebuilding the doors.

Glazing in the north side doors is lexan. All other window glazing is glass. Preservation work was performed by Leopard Creek Timberframe.



The photo on the right shows collapsed equipment and support timbers. As the heavy equipment gives way to gravity and support timbers collapse, the building is destabilized. The project included conveyor wheel structure repair and stabilization of the 50 foot tall conveyor belt shaft.



Conveyor Wheel Structure Repair. A conveyor belt system runs throughout the building. As depicted in this photo the wheels in the upper tier of the mill listed east by more than 20 degrees. The timber support system was rotten and in danger of collapse. Major structural timbers that supported large steel wheels in or near the conveyor belt shaft had to be stabilized.

Photo left is a rotten structural support for the conveyor belt wheel. Photo right is the stabilized structural support for the conveyor belt wheel.

Re-installation of conveyor belt wheels using a block and tackle hoist system.

The conveyor wheels vary in size with this one being large enough for a man to stand in. When this wheel turns, wheels throughout the building turn.

These photos show ground floor shutters at different locations. Also note metal siding applied at ground level where snow is deep for 9 months of the year.

Ground level detail of metal siding and flashing.

This is the interior view of a re-built wall. The wall was rotten and in danger of being blown out from outside pressure. It was moisture proofed and supported off the existing footer.

This photo shows new wood supports for the tumbler which is also now supported by chains.

One of eighteen windows with new glass. Due to the expense involved, the project generally did not include new sashes or mullions.