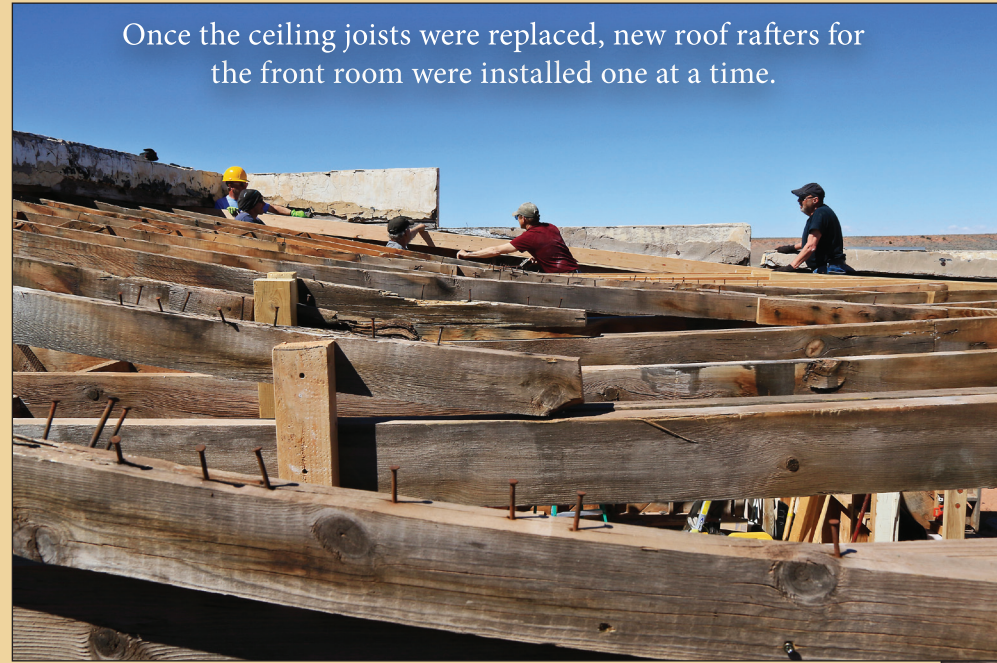


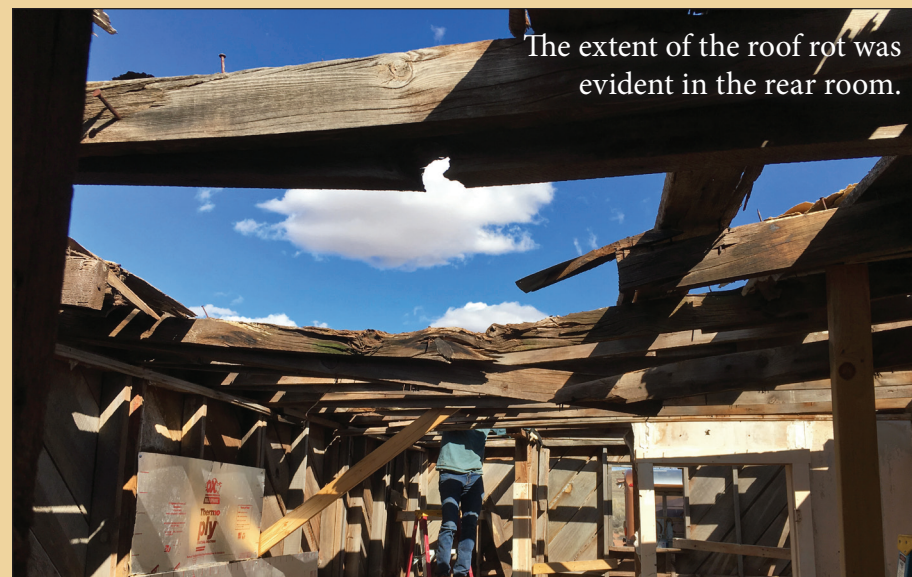
Remaining sheet metal comes off the roof at the beginning of the second work session.



Once the ceiling joists were replaced, new roof rafters for the front room were installed one at a time.



The instability of the roof required that ladders be used to remove the old decking.



The extent of the roof rot was evident in the rear room.



New ceiling joists replace the old in the back room.



Workers complete the removal of the old roof decking.

Rescue PHASE 2

(MARCH 16-22, 2019)

Roof replacement began with complete removal of the tattered sheet metal, underlying paper, and wood decking. At the same time, ceiling joists were replaced one by one. Fortunately, seven of the original joists retained enough integrity to be saved and incorporated with the new roof structure. Once this was completed, the rest of the roof was removed, with care taken to save portions of existing rafters and most of the original bracing between rafters and ceiling joists.

Generally nice weather made for pleasant working conditions.



The new roof structure takes shape as joists and rafters are installed. This view is to the northeast.



At times, both skill and daring were needed to accomplish the task at hand.



Under discussion is how best to incorporate original rafters and bracing with the new framework.



With the roof structure complete, new decking replaces the old.

To match the original "rough sawn" roof decking, the Co-Op located a specialty lumber mill in Albuquerque that could supply the same type of material. Once the decking was applied and covered with a vapor barrier, corrugated steel roof panels similar to the originals were installed and sealed.

Applying a synthetic underlayment is the final step before new sheet metal goes up.



Corrugated panels, similar to the old, will ensure a durable roof for decades to come.



The completed new roof is safe, strong, and ready for duty.