

The Construction of MWR Conference Hotel at Mayflower Resort – the first new ski resort in the United States in over 4 decades



The aim to create a new mountain village that will offer a
“modern and luxurious winter and summer experience for all who come.”





The resort hotel will cover more than 642,000 total square feet, with 49,000 designated for outdoor plazas and decks. The building itself will house 387 guest rooms and 55 condos.

The construction of the MWR Conference Hotel encapsulates what it means to build in the weather elements of the great state of Utah. Construction has taken place throughout each of the four seasons, with builders also contending with Utah's recent heavy winters. These conditions have a more significant impact at an elevation where a ski resort is viable.

Despite the snowy location and weather challenges, Utah's contractors are proving they are well-suited for the job. AGC of Utah Member Jacobsen Construction is leading the charge as the General Contractor for the MWR Conference Hotel.

Scott Jacobsen, Project Manager for the MWR Conference Hotel, says, "Jacobsen was genuinely excited about the opportunity to work on this project. This will be a high-end place to take your family skiing for a weekend or a week-long trip, especially for out-of-towners. That's a huge deal for the market, the economy, and all the restaurants and accommodations throughout Park City and Heber."

Jacobsen Construction expressed excitement about opening its doors to new developers and building new relationships. This project marks their first collaboration with Extell Development. Scott Jacobsen explained, "We have built a good working relationship with Extell Development and have a client that trusts us and a client that we trust as well."

At the Associated General Contractors of Utah, we aim to bring all those in the commercial construction industry together to solve problems that lead to amazing builds. Jacobsen Construction's leadership on the MWR Conference Hotel is a shining example of working together as an industry to construct amazing projects.

In the conversation with Scott Jacobsen, he shared an engineering method used on this »

Along the highway between Heber and Park City sits the first new ski resort to be developed in the United States in over 40 years. The development is perched upon the mountain, offering breathtaking views overlooking the Jordanelle Reservoir just east of Deer Valley Resort.

The project's developers, EX Utah Development, aim to create a new mountain village that will offer a "modern and luxurious winter and summer experience for all who come."

As you follow the newly laid asphalt, courtesy of Geneva Rock, up the mountain, you come across a massive structure designed to host visitors from all over the world.

With a new resort providing locals and tourists with a breathtaking location to enjoy "the greatest snow on earth," there arises a need for an equally amazing resort hotel to complement the mountain and provide visitors with a place to stay. The Morale Welfare & Recreation (MWR) Conference Hotel marks one of the first major steps in the resort's development.

The resort hotel will cover more than 642,000 total sq. ft, with 49,000 for outdoor plazas & decks.



AN INCREDIBLE 30+ YEAR HISTORY

Wadsworth Brothers Construction is proud to be a part of the team at the **MWR Hotel and Conference Center at Mayflower**. As one of the region's largest commercial and bridge contractors, we have been getting the job done for over 30 years with hard work and exceptional craftsmanship.

We look forward to serving you for the next 30 years and beyond.



**WADSWORTH
BROTHERS**

801.576.1453 | INFO@WADSBRO.COM
1350 DRAPER PARKWAY | DRAPER, UT 84020



into the structural design allowing the pour back strips to be converted into regular construction joints. This removed the need for the back shoring and allowed for typical reshoring to be placed at lower levels. This not only saved time on the finish schedule but also eliminated the inconvenience of finish trades having to work through the back shoring that would have otherwise been left behind.

Innovative decisions like this highlight the collaboration that the AGC of Utah aims to build and promote. By making a conscious decision to let subcontractors get onto the site faster without having to work around shoring posts at every level of the building, project leaders ensured that these trades had more time to work through their responsibilities and overcome challenges quicker than if they were waiting for the shoring posts to be removed.

This led contractors like CCI Mechanical to have the necessary time on the project to overcome challenges.

Greg LaHue, Pre-construction Manager for CCI Mechanical, said, “The timing for procurement for this project coincided with a lot of supply chain uncertainty and cost escalation from the pandemic. To overcome those challenges and provide cost and supply chain reliability for our owner, CCI had to evaluate alternate material options. As the design-builder for the project, it is important for us to maintain harmony between cost, constructability, availability, and, of utmost importance, system performance. In lieu of standard metal piping (e.g., copper pipe, black iron, or stainless steel), we chose to use a plastic, fusion-welded piping system. Given the soil conditions, plastic piping proved to be a valuable solution. CCI prefabricated most of this piping in our shop, which helped with quality control and ease of onsite installation.”

The MWR Conference Hotel has had amazing contractors participate in this project. Scott Jacobsen specifically called out the collaboration with Wadsworth Brothers and their work on the concrete. »

project involving Post-Tension Slabs and Post-Tension Decks. He explained, “Generally, when you use these PT Slabs, you pour big slabs with a three to five-foot gap in between so that you can tension the reinforcement. After they’re tensioned and up to strength, you pour back that three to five-foot gap.”

However, Scott Jacobsen mentioned they realized early on that the pour-back strips typical in a PT deck would be problematic.

“They were going to make it difficult for other trades. Until that gap is poured back and turned out, you have shoring posts at every level holding up the edges of the slabs, which is difficult for all the Mechanical, Electrical, Framing, and Plumbing trades to work around.”

In an effort to overcome this problem, project partner Wadsworth Brothers Construction proposed a unique construction joint system called “PS=0” that allowed the pour-back strips to be eliminated. Working with the design team, this proprietary system was implemented

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