



THE RANCH CONSTRUCTION

NEWSLETTER



JUNE 2023

How the 4-H, Youth, and Community Livestock Arena is Being Built – Steps Five and Six

In just a few short months the 4-H, Youth, and Community Livestock Arena has made great strides in becoming a year-round space for community events, education and connection.

In our [March newsletter](#), we described step four of constructing a building. Step four included the construction team starting to erect the steel beams that will frame the arena, which made the building visible to those driving down I-25. Since then, the team has been working to finish the framing work and move on to the next steps. With the structure in place, work began to install electrical, plumbing and the roof of the building.

Step 5: Rough Electrical and Plumbing – Once the building was framed, the construction

team moved on to the next step to complete rough electrical and plumbing work. This work involved installing the pipes, outlets and wires throughout the building. This provides a foundation for electrical and plumbing finishes once the building is fully enclosed and near completion. Once the rough electrical and plumbing are placed the team moved on to installation of the drywall, insulation and roof.

Step 6: Installing the Roof – Unlike step 5, where most activities were done behind the scenes, the roof installation is a very visible process. We could even see the early phases of the new roof in our April aerial footage featured below. Installing the roof is a crucial step in the construction process. This step encloses the building and protects interior structures from the elements, allowing the team to begin to install drywall, insulation and interior finishes throughout the building. Just like at your house or property, it would be upsetting if your brand-new floors were rained on, and even worse if exposed electrical wires were drenched in water.

The team started by placing a moisture barrier or insulation layer on top of the structure. This layer helps prevent water vapor from reaching areas in the building where it could condense and cause building materials to rot or grow mold. From there, the team began to install the drip edges around the rake and eaves of the roof (the sloped and horizontal roof sections). Drip edges are installed to help redirect water off the building. Once the drip edges have been installed, the team began to install the metal panels that will be visible to visitors of the Arena, now and in the future.

The metal panels were installed one by one with each panel laid so the small edge of the next panel overlapped the larger edge. During this process, the team used screws to secure their work and added a silicone sealant on the underside of the short edge to provide a watertight seal. The final step of the roof installation process was adding the ridge cap and closure strips. Ridge caps are installed at the peak of the roof to connect the metal roofing panels at an angle. Closure strips are placed at the base and top between the ridge cap and metal panels to seal any gaps. Ridge caps and closure strips ensure the roof covers the entire structure area to avoid any leaks or other elements.

Look at just how much the 4-H, Youth, and Community Livestock Arena has evolved in such a short time. The images below show the Arena coming to life from November 2022 to June 2023.

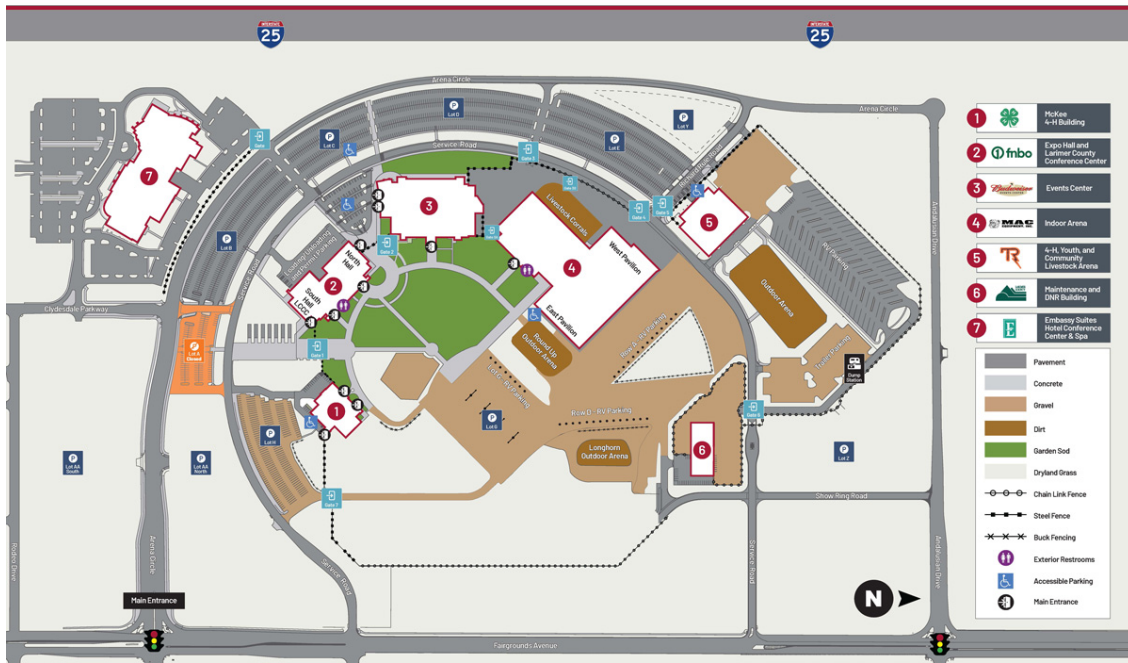


Aerial footage of the 4-H, Youth, and Community Livestock Arena over the last eight months from November to February to April and June.

Construction Updates and Zones

Construction continues on the 4-H, Youth and Community Livestock Arena and the expansion of the warm-up space in the MAC Equipment, Inc. Indoor Arena. Work is also ongoing to expand the nearby Maintenance and Department of Natural Resource Building on the north end of the complex. Crews are close to finishing the exterior structure and have started work on the interior of the building.

New Arena Circle and Andalusian Drive are fully open to all visitors. Please enter and exit the complex through the two new entrances. The service road is now closed to through traffic. Crews have also begun work on Clydesdale Parkway and parking Lot A. Once construction is complete, Clydesdale Parkway will connect to the service road for easy access to complex facilities. Visitors are reminded to follow all signage and flaggers to navigate the construction and access parking and trailer areas.



Current Construction Photos



Aerial footage of The Ranch taken in June shows the construction progress on the MAC Equipment Inc. Indoor Arena, RV hookup locations, Maintenance and Department of Natural Resource building, and the additional outdoor riding arena.

Upcoming Events at The Ranch

Bits 'N Pieces 4-H Dog Show | June 17

High Country Handiworkers | June 19

LC Rodeo Board Meeting | June 20

Bits 'N Pieces Dog Workshop | June 21

Naturally Inspired Health Summit | June 23 & 24

RMQHA Gold Rush Quarter Horse Show | June 23-25

League of Northern Colorado Quilters | June 26

LC Queens Committee Meeting | June 26

Bits 'N Pieces Dog Workshop | June 28

Northern Colorado Summer Patio and Home Expo | June 30-July 2

Front Range Knitting Guild Monthly Meeting | July 1

The People's Tiny House Festival | July 1-2

High Altitude Club Meeting | July 5

League of Northern Colorado Quilters Meeting | July 10

LC Queens Committee Meeting | July 10

LC Rodeo Board Meeting | July 11

Rocky Mountain Antique Show | July 15-16

Larimer County Fair | Aug. 4-8

Find a complete list of upcoming events on [The Ranch Events Complex](#) and the [Budweiser Events Center](#) calendars.

New to the Newsletter?

Find previous issues on our [website](#) to learn more about construction at The Ranch!





The Ranch Events Complex

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