



Gretna

WEITZ

Gretna Community Complex Construction Update

11/2025



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CONFLUENCE





Construction Update

The system of geothermal wells has been completed to the inside of the building. This includes 102 wells that were each drilled 300' deep with piping running down to the bottom and back up to about 5' below grade. These wells are all tied together to create a geothermal system that uses the earth's temperature to efficiently heat and cool the building. All together there is enough installed piping to reach the top of the Burj Khalifa 25 times.

In addition to the well work, the building foundations finish up in the next week. Site utilities are in progress with the storm piping installed on the north side of the building so the site will be ready for spring rains.

Construction has been mainly underground to date but this month the structure will start to go vertical. The cast in place walls are started with reinforcing. The elevator shaft will be poured out by the end of the month. All in time for the structural steel to arrive mid-December.



Geothermal Wells

A geothermal well system uses the Earth's underground temperature to heat and cool a mixture of water and glycol that is circulated through the building. As the temperature of the earth is temperate it can efficiently remove heat from this solution in the summer or heat it up in the winter. This reduces the need for large mechanical equipment for a more sustainable system.



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