

Intermountain Health Lutheran Hospital Wheat Ridge, CO

Accelerated Delivery, Exceptional Design



Intermountain Health Lutheran Hospital represents a new standard in **fast-track healthcare construction**, combining high-performance structural design, material innovation, and interdisciplinary collaboration. The seven-story, 660,000 SF facility was delivered on an accelerated schedule, moving from schematic design to first patient in **less than four years** – an unprecedented feat for a project of this size and complexity. Martin/Martin's engineering team **played a pivotal role** in enabling this pace, using innovative structural systems to cut four months from the construction schedule.



The hallmark innovation was the use of shotcrete core walls supported by core wall frames. These frames housed leave-in-place formwork and allowed steel erection and core wall construction to proceed simultaneously. The result was quicker erection of the primary structure, improved safety, and fewer site coordination conflicts.

Additional innovations included field-welded anchor systems, erection-optimized steel framing, and phase-sequenced steel packages, all

developed through close collaboration with the contractor, fabricator, and erector. Martin/Martin's **full-service integration** of structural, civil, envelope, and specialty systems further streamlined delivery.

The completed hospital reflects a highly constructible, material-efficient solution delivered with speed and precision. It demonstrates how innovation in structural systems can **redefine what is possible** in fast-paced, complex, and high-stakes construction environments.



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Lakewood, CO

Owner: Intermountain Health, Peaks Region
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