

RESOLUT

ENGINEERING HEALTHCARE



WE DESIGN MEP SYSTEMS AROUND THE PEOPLE WHO DEPEND ON THEM

PATIENTS, CLINICIANS, FACILITIES TEAMS, AND HEALTHCARE OWNERS.

CARE THAT CONNECTS. OUTCOMES THAT MATTER.

PATIENT-CENTERED ENGINEERING

THE KIND OF ENGINEERING THAT SUPPORTS EVERYONE

The systems operating throughout a healthcare facility play a fundamental role in the patient experience.

Our designs provide both patients and staff with comfortable and secure environments by treating indoor conditions as essential measures of quality healthcare.

Each HVAC design is driven by the need for reliable, consistent performance and the responsibility to provide healthy air quality throughout clinical environments.

Lighting layouts reinforce a calm, welcoming atmosphere, elevating the experience of each space through lighting that complements the architecture and strengthens the visual character.

Acoustical Design protects patient confidentiality by keeping conversations within the spaces where they occur, making privacy a deliberate part of facility performance.



These disciplines are part of the broader engineering expertise we bring to each healthcare project, equipping providers with the systems and technologies required to maintain state-of-the-art facilities.

HEALTHCARE EXPERIENCE

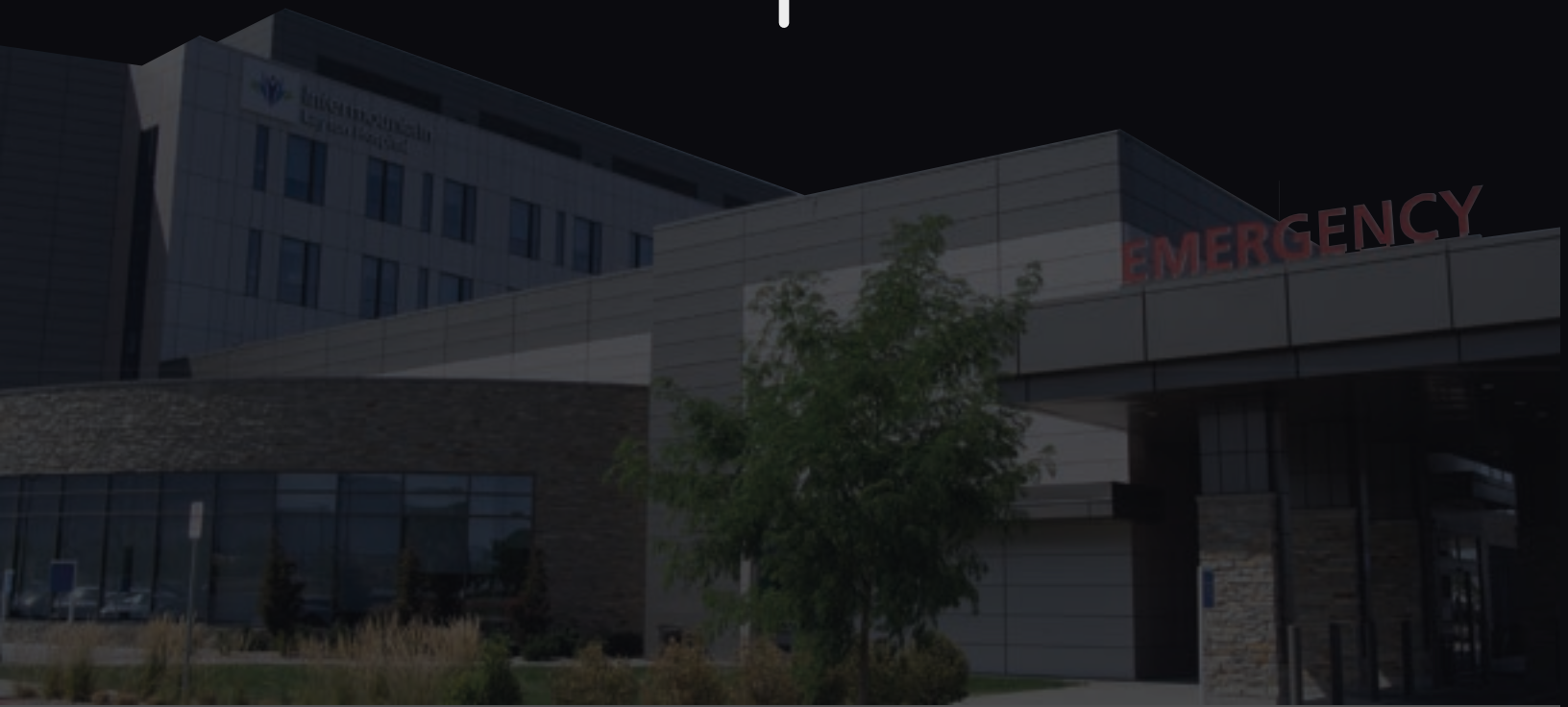
HOSPITALS | SPECIALTY CARE | AMBULATORY | CLINICS | NEW CONSTRUCTION

Resolut maintains longstanding relationships with Intermountain Health, University of Utah Health, Huntsman Cancer Institute, MountainStar Healthcare, rural hospitals and clinics, and other healthcare facilities throughout the Intermountain West.

This sustained involvement keeps our engineers up to date with evolving healthcare design standards and coordination expectations, allowing their work to advance alongside the industry.

54+ YEARS

Our experience encompasses nearly every type of healthcare facility, from complex hospital campus renovations to purpose-built clinical and research environments.



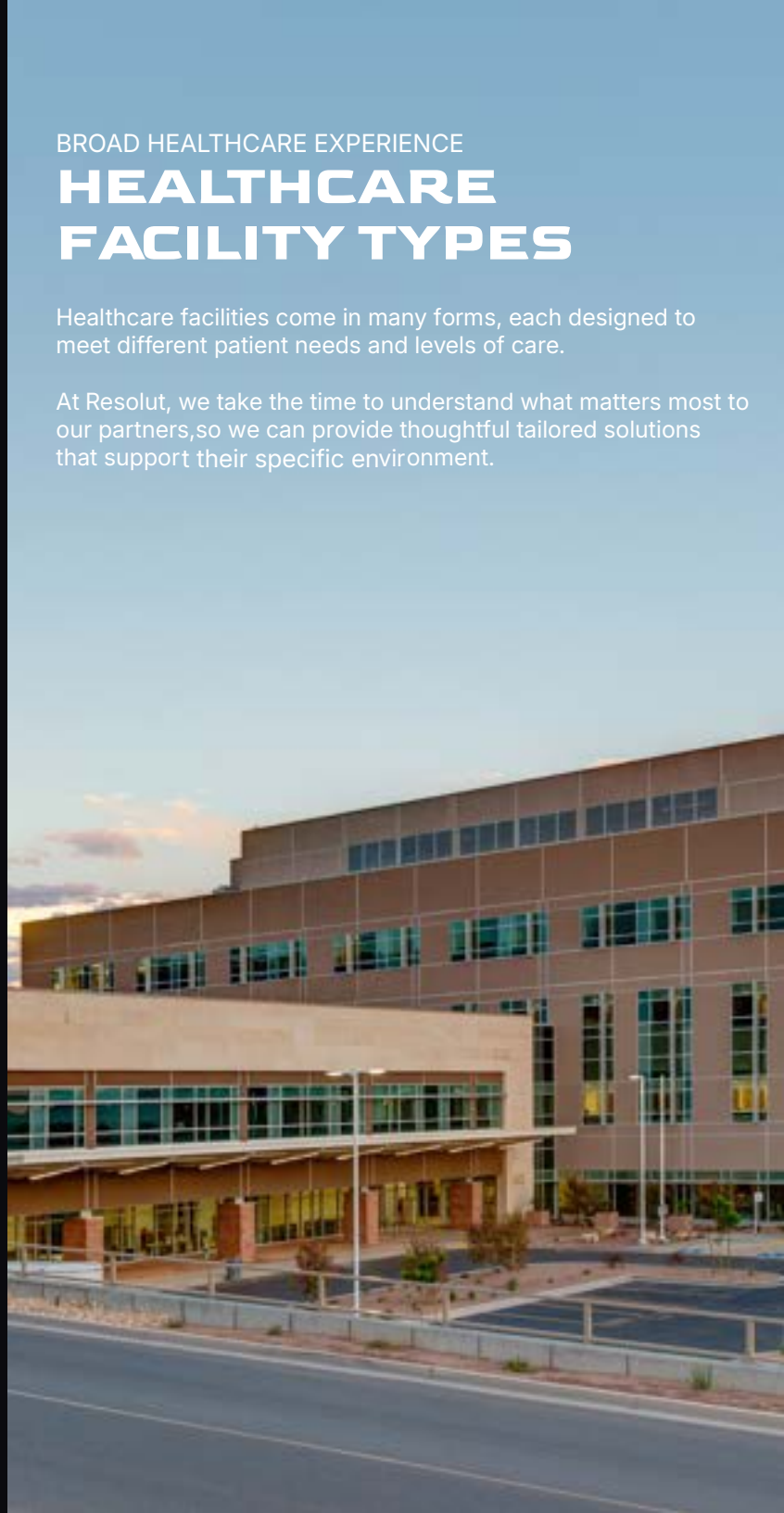
BROAD HEALTHCARE EXPERIENCE

HEALTHCARE FACILITY TYPES

Healthcare facilities come in many forms, each designed to meet different patient needs and levels of care.

At Resolut, we take the time to understand what matters most to our partners,so we can provide thoughtful tailored solutions that support their specific environment.

- CANCER CENTERS
- CHILDREN'S HOSPITALS
- REHABILITATION HOSPITALS
- MEDICAL CENTERS
- AMBULATORY CARE CENTERS
- TRAUMA CENTERS
- MEDICAL OFFICE BUILDINGS
- ORTHOPEDIC HOSPITALS
- RURAL HOSPITALS
- BEHAVIORAL HOSPITALS
- CLINICS | OUTPATIENT SPACES



SPECIALIZED

CLINICAL EXPERIENCE

Our depth of experience in mission-critical environments enables us to translate strict clinical requirements into practical engineering solutions.

On past projects, this has included designing MEP systems with built-in redundancy and incorporating emergency generators into the electrical design to minimize interruptions to patient care.

In sensitive patient care areas such as operating rooms, our engineers have designed HVAC systems that provide the required air exchange and room pressurization while keeping humidity within strict limits.

These controls limit the movement of airborne contaminants and preserve the stable conditions needed for safe procedures.

Drawing on their knowledge of healthcare best practices and current technology, our engineers develop technically rigorous designs that meet the specific performance requirements of each clinical space while satisfying all applicable healthcare codes.

"For nearly twenty years, I've worked with this team across three different hospitals—first as VBFA and now as Resolut following their merger last year. They consistently listen to our concerns and ideas, and their expertise and deep understanding of our facilities give me confidence that we have the right partner. I'm grateful for everything they have done for me and our hospitals."

Mark Olsen, Facilities Manager
Intermountain Healthcare



INTEGRATED MEP SERVICES

WITH COORDINATED MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEERING

Resolut's multidisciplinary structure brings a broad range of engineering disciplines together within one firm, with large teams of principals, project managers, and engineers supporting each discipline.

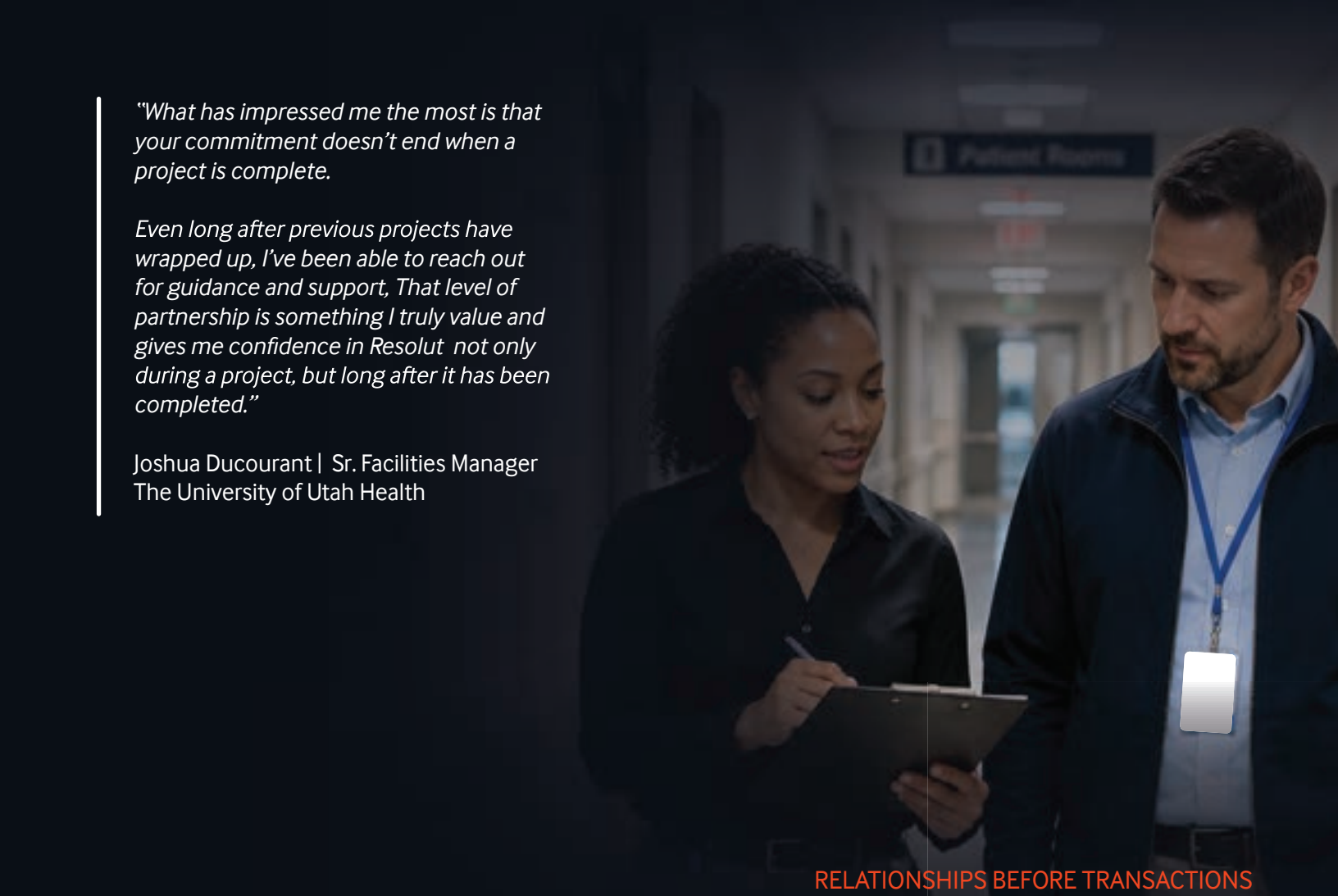
That depth of expertise strengthens coordination from the earliest stages of design, with in-house reviews identifying issues before they progress.

Throughout construction, this coordinated approach expedites RFI responses and submittal reviews to maintain project momentum. Following turnover, our engineers provide proactive owner and user training, then remain available for technical guidance and customer success support beyond the contracted project scope.

"What has impressed me the most is that your commitment doesn't end when a project is complete.

Even long after previous projects have wrapped up, I've been able to reach out for guidance and support, That level of partnership is something I truly value and gives me confidence in Resolut not only during a project, but long after it has been completed."

Joshua Ducourant | Sr. Facilities Manager
The University of Utah Health



RELATIONSHIPS BEFORE TRANSACTIONS

LONG-TERM PARTNERSHIPS

DEMONSTRATED THROUGH REPEAT CLIENTS, ONGOING FACILITY SUPPORT AND EMPLOYEE OWNERSHIP.

At the heart of everything we do are the relationships we build. We believe lasting success comes from more than delivering great work—it comes from understanding our clients, earning their trust, and becoming a partner they can depend on.

THE UNIVERSITY OF UTAH

HUNTSMAN CANCER INSTITUTE

The fourth phase of the world-renowned Huntsman Cancer Institute is dedicated to medical research to advance understanding and treatment of childhood cancers as well as enhancing development of new treatments and cancer prevention strategies.

CLIENT
Huntsman Institute

COMPLETION
June 2017

SERVICES PROVIDED
Mechanical, Medical Gas, Plumbing, Fire Protection



1999

John M. Huntsman Cancer Research Center Opened

SLC, UT

2004

The original wing of **Huntsman Cancer Center** opened.

SLC, UT

2011

A major **Huntsman Cancer Hospital expansion** opened.

SLC, UT

2017

Primary Children's and Families Cancer Research Center opened.

SLC, UT



This phase is connected to the existing research facility via two skybridges and doubled the research capacity on the campus.

Additional resources and technologies included with this phase: cancer biostatistics, genetic counseling, genomics and bioinformatics, research informatics, laboratory bench space, 120-seat auditorium, and public meeting spaces.

2021

Senator Orrin G. Hatch Proton Therapy Center Opened .

SLC, UT

2023

Kathryn F. Kirk Center for Comprehensive Cancer Care and Women's Cancers opened**.**

SLC, UT

2028-Planned

Phase 1A's **five-story clinical-care building and research building** are scheduled to reach construction completion in **May 2028.**

VINEYARD, UT

INTERMOUNTAIN HEALTH

PRIMARY CHILDREN'S HOSPITAL

PROJECT SIZE
1, 000,000 sq. ft.
Across Multiple Campuses

COMPLETION
Last Major Expansion
completed in 2022

SERVICES PROVIDED
Mechanical, Plumbing, Medical Gas,
Fire Protection, Architectural Lighting,
Audiovisual Design, Electrical Engineering, ICT Engineering,
Safety and Security Design and Training (HB84)



1990

The present-day **Primary Children's Hospital- SLC Campus** opened on the **University of Utah Medical Campus.** It was opened to patients on April 23rd and dedicated May 17th

SLC, UT

2014

The George S. and Delores Doré Eccles **Primary Children's Outpatient Services Building** opened across Mario Capecchi Dr. from the hospital and was connected by a skybridge.

SLC, UT

2017

A major **surgical expansion and remodel** was completed in September.

SLC, UT

2022

The multiyear **Inpatient Remodel** and **Expansion** was completed in December.

SLC, UT

Our engineers coordinated building systems across inpatient care areas, surgical departments, emergency services, specialty clinics, and advanced pediatric programs. Together these systems provide reliable specialized pediatric care.

The firm's work includes renovations and expansions at the original Salt Lake City campus as well as the new Larry. H & Gail Miller Family campus in Lehi, which includes specialized spaces such as a hybrid operating room.



2024

Intermountain's Primary Children's Hospital, Larry H. and Gail Miller Family Campus was dedicated on February 2 and opened February 12th.

LEHI, UT

2025

Intermountain's Primary Children's Behavioral Health Center- Taylorsville Campus opened to patients on September 6th.

TAYLORSVILLE, UT

2030-Planned

Intermountain Health's Nevada Children's Hospital is set to open by 2030.

LAS VEGAS, NV

THE UNIVERSITY OF UTAH

REHABILITATION HOSPITAL

CLIENT
The University of Utah

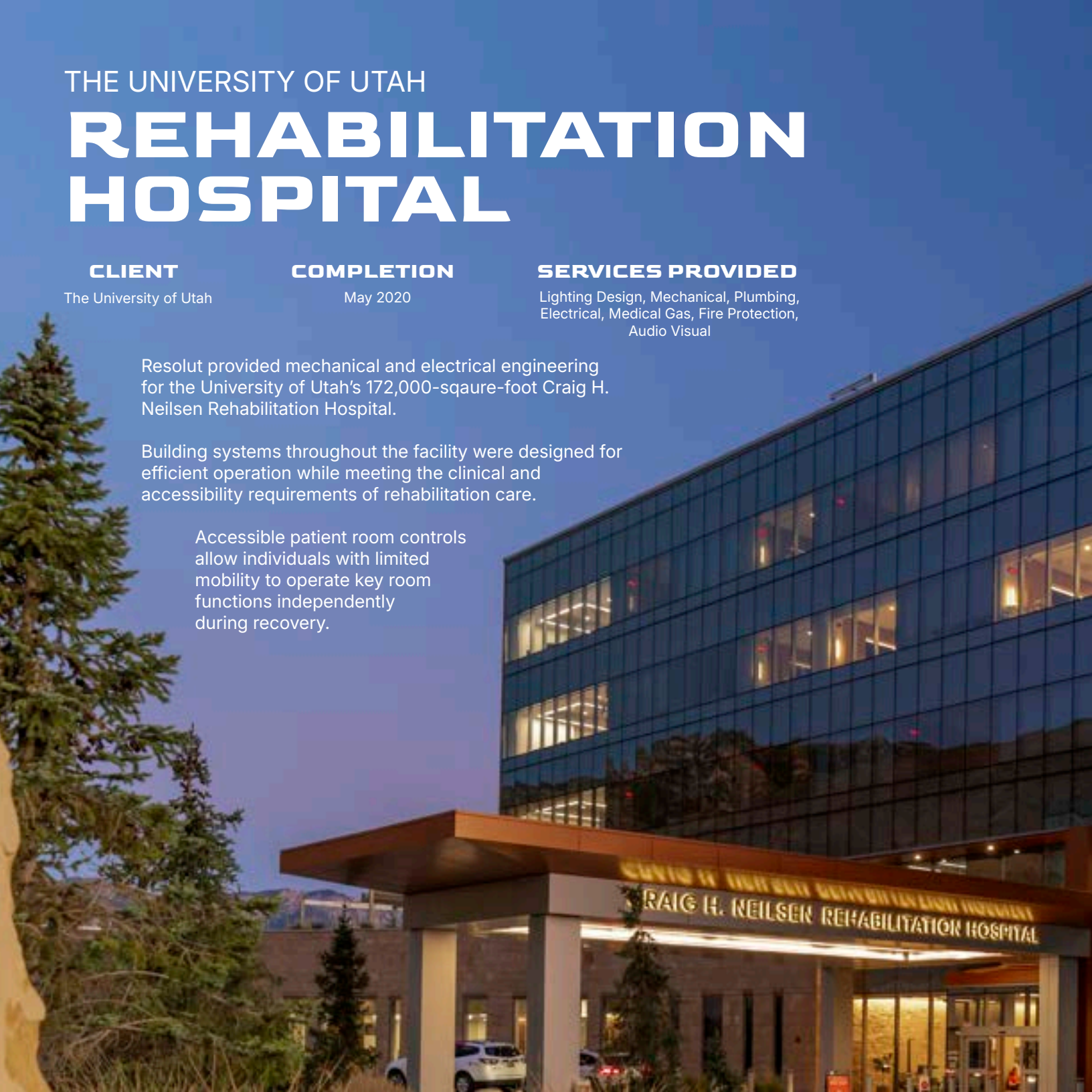
COMPLETION
May 2020

SERVICES PROVIDED
Lighting Design, Mechanical, Plumbing, Electrical, Medical Gas, Fire Protection, Audio Visual

Resolut provided mechanical and electrical engineering for the University of Utah's 172,000-sqaure-foot Craig H. Neilsen Rehabilitation Hospital.

Building systems throughout the facility were designed for efficient operation while meeting the clinical and accessibility requirements of rehabilitation care.

Accessible patient room controls allow individuals with limited mobility to operate key room functions independently during recovery.





The University of Utah Craig H. Neilsen Rehabilitation Hospital features specialized engineering systems designed to support patient care, therapy, research, and rehabilitation.

The project included electrical infrastructure for advanced lighting design, mechanical, plumbing, medical gas, fire protection, audio visual, and recording systems for movement.

INTERMOUNTAIN HEALTH

INTERMOUNTAIN MEDICAL CENTER

Resolut provided mechanical engineering design for the 1.3 million square-foot. Intermountain Medical Center campus and is currently working on the new upcoming Cancer Center Expansion project that is currently projected to open in 2031.

The team designed the central plant, chilled water and steam systems, mechanical rooms, ductwork, piping, plumbing, resilient infrastructure, specialized operating-room environments and energy-efficient systems tailored to the complex needs of a full-service medical campus.

CLIENT
Intermountain Health

PROJECT SIZE
1.3 Million sq. ft.

SERVICES PROVIDED
Mechanical, Plumbing, Medical Gas and Fire Protection



"Resolut was very knowledgeable about the very diverse requirements of the very different departments of the hospital campus. From food services to laboratory spaces, central plant to central sterile, operating rooms to MRI and other radiology areas, Resolut knew what was required and what was unique about each of these and many other areas.

Their designs provided for a state-of-the-art facility will continue to serve the community for decades to come."

Randy Evans (retired)
Urban Central Region, Facility Operation Director



UNIVERSITY OF UTAH

AMBULATORY CARE CENTER

The 300,000-sqauare-foot Ambulatory Care Complex was the first phase of the University of Utah's Health Science Campus Transformation.

Resolut's mechanical, plumbing, medical gas and fire protection engineering team held an integral role in the design of this state-of-the-art facility.

The project includes eight stories, with inpatient floors, outpatient clinics, surgery suites, faculty offices and a loading dock. The project needed to integrate with the fully-functioning hospital buildings adjacent to the site.



AWARDS

ENR Mountain States 2020 Best Project
Excellence in Safety,
Award of Merit LEED SILVER

SERVICES PROVIDED

Mechanical, Plumbing, Electrical
Medical Gas, Audio Visual, Lighting Design
Fire Protection, LEED

COMPLETION

2018



The University desired to evaluate the transformation projects with respect to infrastructure delivery of high-temperature water heating, central chilled water cooling, culinary water, sewer, and natural gas. Resolut assisted this effort to develop a capacity study and economic analysis of existing infrastructure and to determine the path forward.

As a result of this effort, the paradigms were adjusted so that the hospital generates heating onsite and utilizes central chilled water from campus.

The innovative surgical ceiling air distribution system is expected to improve patient outcomes by reducing contamination of the surgical field.

In alignment with the University's commitment to achieve carbon neutrality by 2050, the project was designed in pursuit of LEED Silver certification.



Resolut contributed the mechanical design for Intermountain Health's Utah Valley Hospital replacement and expansion (approximately 620,000 sq. ft.) in Provo, UT.

INTERMOUNTAIN HEALTH

UTAH VALLEY HOSPITAL

The project included 208 inpatient nursing beds, 20 operating rooms, central processing, 30 emergency treatment rooms, observation/clinical decisions unit, imaging services, pharmacy, oncology, cardiac services, endoscopy, rehab services, respiratory therapy, supply chain, laboratory services and a shelled 32-bed unit.

The hospital's existing seven-story inpatient center was replaced with a 12-story tower, which aggregated multiple departments scattered throughout the campus.

PROJECT SIZE

620,000 sq. ft.

SERVICES PROVIDED

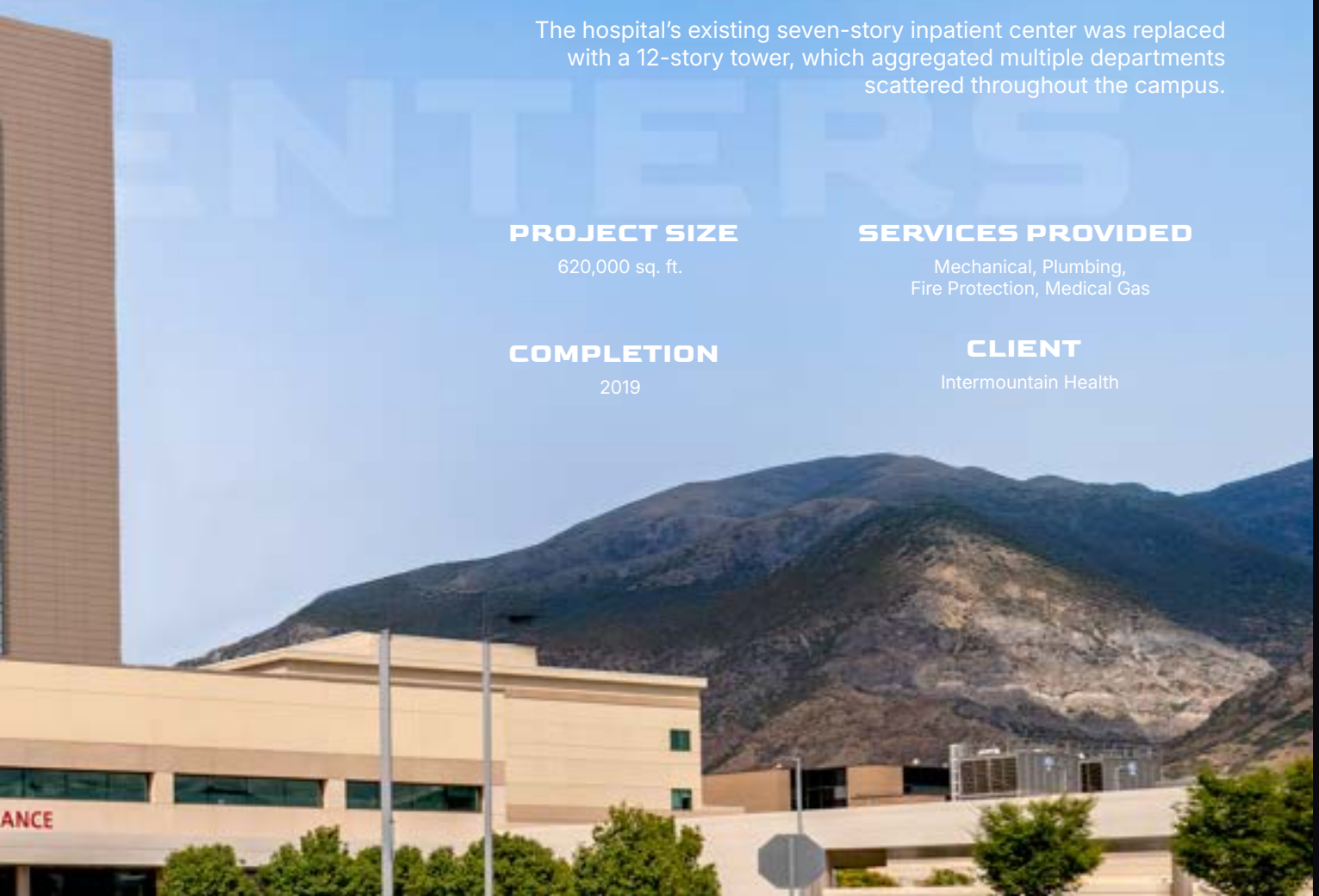
Mechanical, Plumbing, Fire Protection, Medical Gas

COMPLETION

2019

CLIENT

Intermountain Health

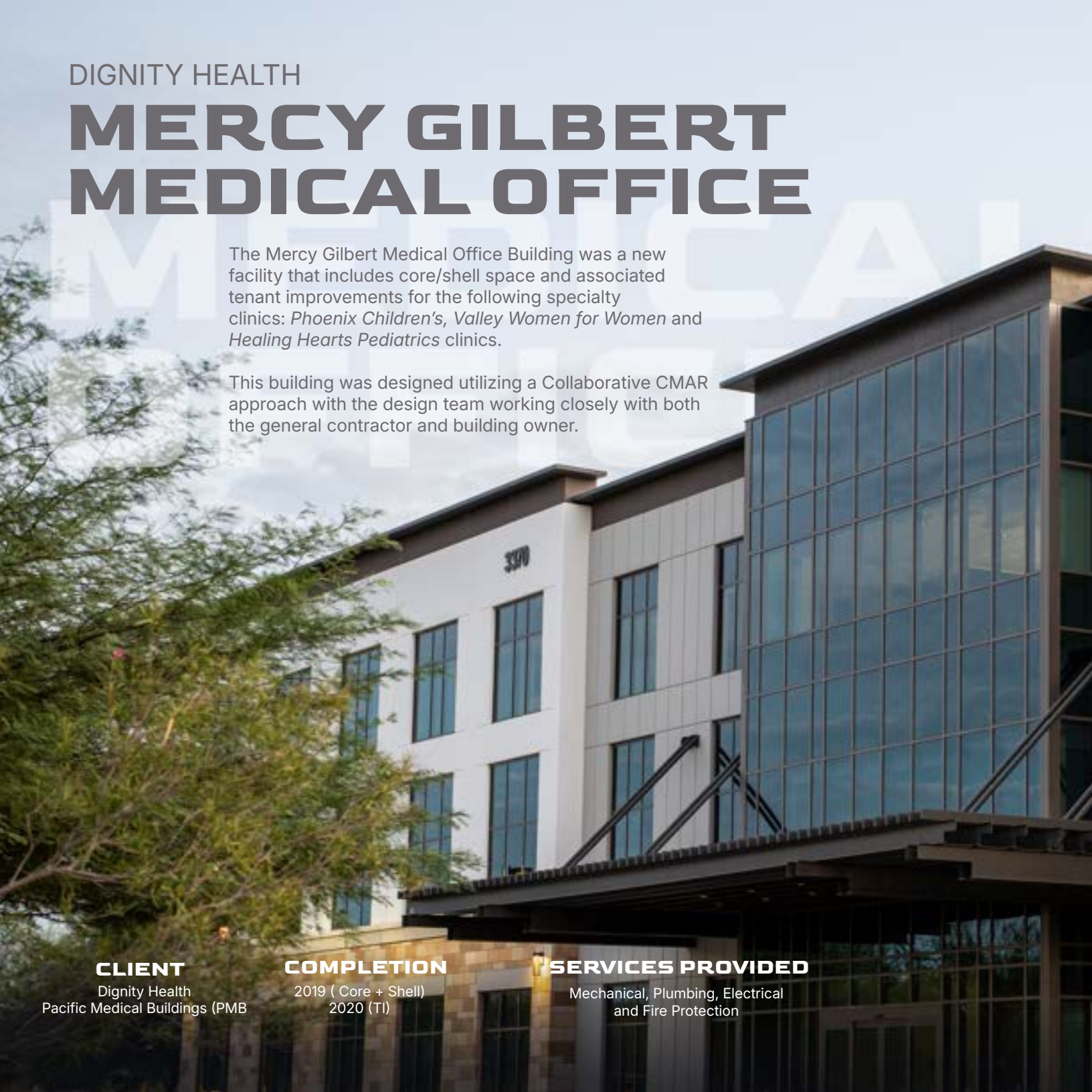


DIGNITY HEALTH

MERCY GILBERT MEDICAL OFFICE

The Mercy Gilbert Medical Office Building was a new facility that includes core/shell space and associated tenant improvements for the following specialty clinics: *Phoenix Children's, Valley Women for Women* and *Healing Hearts Pediatrics* clinics.

This building was designed utilizing a Collaborative CMAR approach with the design team working closely with both the general contractor and building owner.

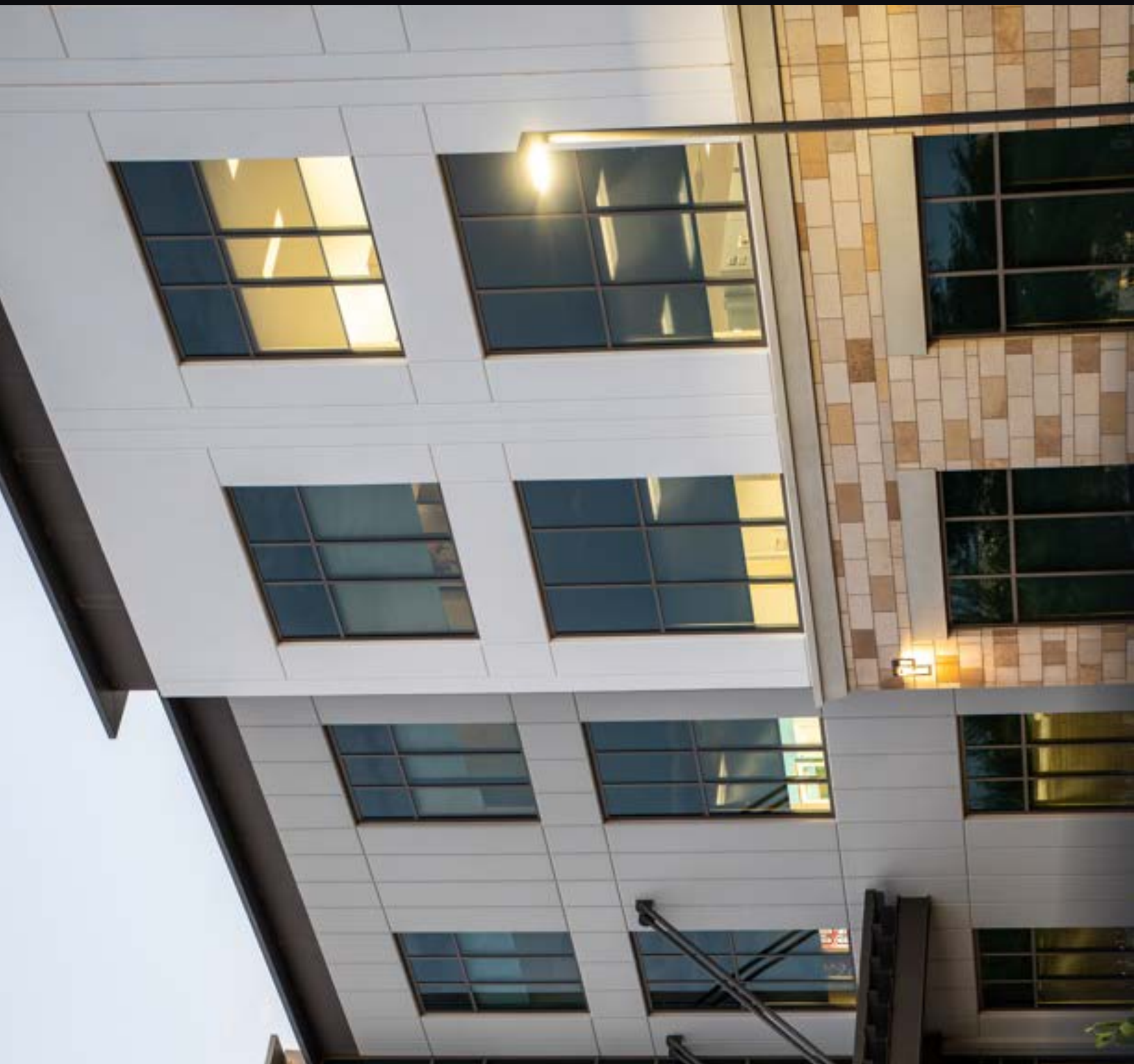


CLIENT
Dignity Health
Pacific Medical Buildings (PMB

COMPLETION
2019 (Core + Shell)
2020 (TI)

SERVICES PROVIDED
Mechanical, Plumbing, Electrical and Fire Protection

MEDICAL OFFICE BUILDINGS



INTERMOUNTAIN HEALTH

TOSH SURGERY CENTER

Through numerous renovations, expansions, and major additions, Resolut has supported the continued growth of the Intermountain Health's TOSH Campus in Murray.

One of the firm's largest contributions alongside the recent surgery center, was the Cottonwood Medical Clinic, a nealy 78,000-square-foot, four-story facility that opened in 2015 with major additional updates following the opening of that project.



PROJECT SIZE
50,000 sq. ft.

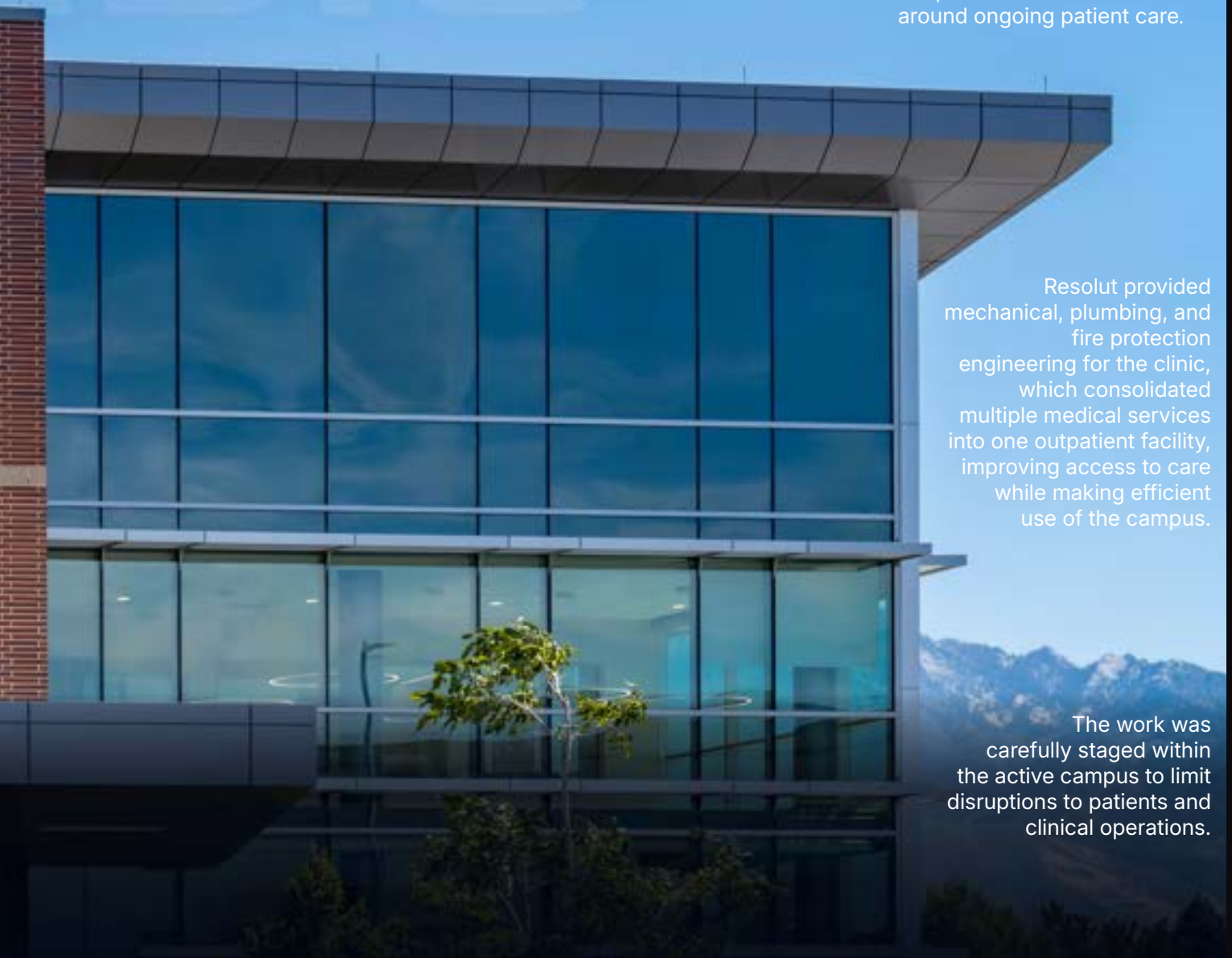
COMPLETION
Last update: 2023

SERVICES PROVIDED
Mechanical, Plumbing, Fire Protection

Another major addition to the TOSH Campus supported by Resolut was the new 50,000-square-foot TOSH Surgery Center, which opened in 2023.

Dedicated to providing same-day surgical care, the two-story facility added eight operating rooms, recovery areas, and staff support spaces, expanding the campus's surgical capacity and operational efficiency.

The project was completed while the campus remained active, requiring the design and construction sequence to be coordinated around ongoing patient care.



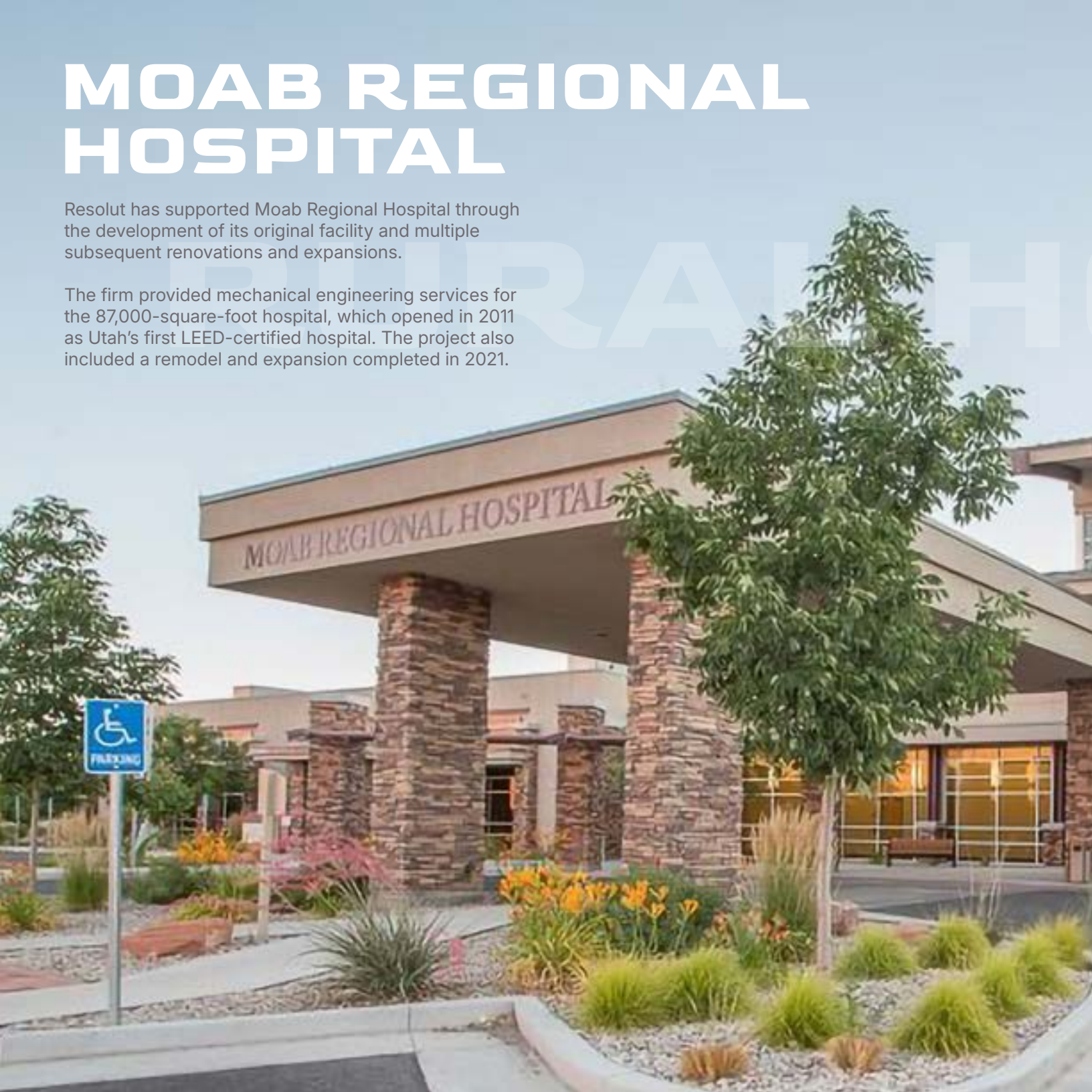
Resolut provided mechanical, plumbing, and fire protection engineering for the clinic, which consolidated multiple medical services into one outpatient facility, improving access to care while making efficient use of the campus.

The work was carefully staged within the active campus to limit disruptions to patients and clinical operations.

MOAB REGIONAL HOSPITAL

Resolut has supported Moab Regional Hospital through the development of its original facility and multiple subsequent renovations and expansions.

The firm provided mechanical engineering services for the 87,000-square-foot hospital, which opened in 2011 as Utah's first LEED-certified hospital. The project also included a remodel and expansion completed in 2021.



PROJECT SIZE
87,000 sq. ft.

COMPLETION
Last Major Update: 2021

SERVICES PROVIDED
Mechanical, Fire Protection

The 17-bed critical access facility brought emergency, surgical, diagnostic, inpatient, and labor and delivery services together in a modern hospital designed around the needs of southeastern Utah. Resolut's continued work at the hospital has supported its growth as patient volumes and clinical needs have changed.

This experience includes mechanical engineering for renovations and expansions that increased capacity, improved existing departments, and introduced new services within the active facility.



INTERMOUNTAIN CHILDREN'S HEALTH

BEHAVIORAL HEALTH CENTER

Resolut provided mechanical and plumbing engineering for Intermountain Health's new 90,000-square-foot Taylorsville Behavioral Health Center, which opened in 2025. Its opening established Intermountain Health's third Primary Children's Hospital campus.

The expansion was dedicated to meet the growing demand for pediatric behavioral healthcare throughout Utah.



Designed around patients and their families, the facility uses natural light and open common areas to create a welcoming care environment. It brings together private inpatient rooms, classrooms, individual and group therapy spaces, a crisis center, a café, and family support spaces within one facility.

CLIENT
Intermountain Health

COMPLETION
2025

SERVICES PROVIDED
Mechanical & Plumbing



CLIENT
Intermountain Health

COMPLETION
November 2018

SERVICES PROVIDED
Mechanical, Plumbing, Fire Protection



INTERMOUNTAIN HEALTH

LEHI CLINIC

The clinic's design emphasizes patient comfort, privacy, and safety, featuring ample natural light, calming colors, and user-friendly layouts.

Advanced mechanical systems, such as a high efficiency HVAC system, building automation system, indoor air quality management and water-efficient plumbing, ensure optimal performance, energy efficiency, and indoor environmental quality.



The clinic's commitment to providing top-notch healthcare services is further supported by its dedicated team of experienced healthcare professionals who work diligently to ensure that patients receive the highest quality of care.

This project showcases Intermountain Health's ongoing dedication to enhancing the overall patient experience while prioritizing community health and well-being.

Completed in recent years, this state-of the-art clinic spans a substantial area, providing patients with convenient access to a broad range of outpatient services.

The facility is equipped with primary care, specialty clinics, diagnostic imaging, and laboratory services, offering a comprehensive one stop destination for patients' healthcare needs.

RESOLUT

TOGETHER WE MAKE HEALTHCARE BETTER

As we close out our healthcare catalog, we want to thank the partners, providers, teams and organizations who make this work possible.

Thank you for your trust, collaboration and continued partnership. Every connection, every shared goal, and every effort helps us create a stronger healthcare industry.

CHECK OUT OUR
WEBSITE TO LEARN MORE,
CONNECT WITH OUR TEAM,

RESOLUT

GET STARTED TODAY

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resolutgroup.com

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