

McNEIL ENGINEERING™

Economic and Sustainable Designs, Professionals You Know and Trust

EPICENTER

WINTER 2026



STARTING THE YEAR STRONG

With 2026 underway, it's a natural time to reflect on the progress we've made and the opportunities ahead. At McNeil Engineering, the year is already shaping up to be one defined by continued growth, strong partnerships, and the dedication of an exceptional team.

Across every department, our staff remains focused on delivering thoughtful, dependable solutions for our clients. Their expertise, collaboration, and commitment to excellence allow us to consistently meet complex challenges while creating lasting value on every project. I would also like to recognize and congratulate our Structural Engineering team for their leadership in facilitating our recent merger with Hedman Engineering – an important step that strengthens our capabilities and expands our presence in Southern Utah and beyond. We are grateful for the trust our clients place in us and for the relationships that continue to drive our success. Thank you for your continued partnership. We look forward to building even more together in 2026.

Sincerely,

Michael D. Hoffman
President, McNeil Engineering

MCNEIL ENGINEERING
WINTER 2026
NEWSLETTER

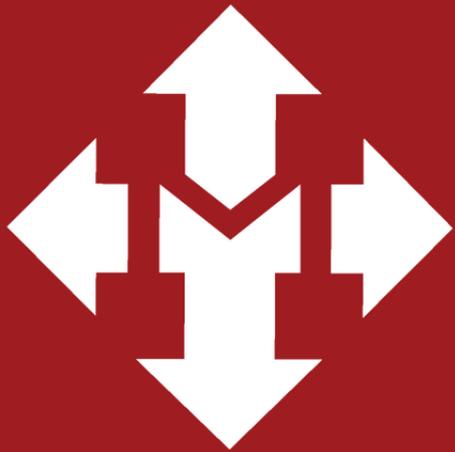
EPICENTER

President's Message

Department Highlights

Technical Article

STATE STREET



MCNEIL ENGINEERING LASER SCANNING SERVICES

As part of a planned waterline design and replacement project, McNeil Engineering's Survey team was tasked with collecting high-resolution topographic data along approximately 7,000 feet of the State Street corridor — one of the region's most heavily traveled roadways.

The objective was clear: deliver accurate, comprehensive survey data to support engineering design while minimizing disruption, risk, and time spent in active traffic.

To accomplish this, our team implemented a hybrid data collection approach combining high-precision GPS surveying with drone-based LiDAR technology. By deploying an unmanned aerial system equipped with LiDAR sensors, we were able to rapidly capture detailed elevation and surface data across the entire roadway corridor — including pavement, curb lines, utilities, and adjacent features — in a fraction of the time required by traditional methods.

This approach significantly reduced the need for prolonged field presence in live traffic conditions, improving crew safety while maintaining the highest standards of data accuracy. The integration of ground control via GPS ensured the LiDAR dataset met project tolerances and seamlessly integrated into downstream engineering workflows.

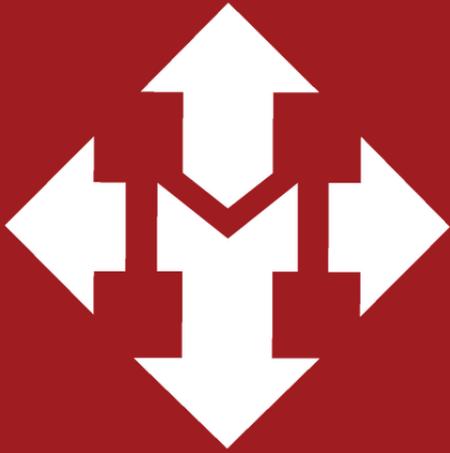
The result was a comprehensive digital terrain model and deliverables that equipped the design team with the reliable, high-resolution data necessary to move the waterline replacement project forward efficiently and confidently. Through innovative technology and intentional field strategy, McNeil Engineering continues to deliver survey solutions that prioritize safety, precision, and project performance — even in complex, high-traffic environments.



Contact

Michael D. Hoffman, P.L.S.
Survey Manager
mike@mcneileng.com
801.255.7700

UTAH CITY



MCNEIL CIVIL ENGINEERING

Located on the eastern shore of Utah Lake in Vineyard, Utah, Utah City is a transformative 700-acre master-planned community designed to serve as the sustainable and walkable "urban core" of Utah County. This transit-oriented development integrates 17 million square feet of mixed-use space, including residential, commercial, and institutional anchors like a new Huntsman Cancer Institute facility.

As a partner in realizing this vision, McNeil Engineering was responsible for the backbone infrastructure designs that form the project's foundation, including the roadway planning and design, utility planning and design, and comprehensive site development for individual buildings throughout the community.

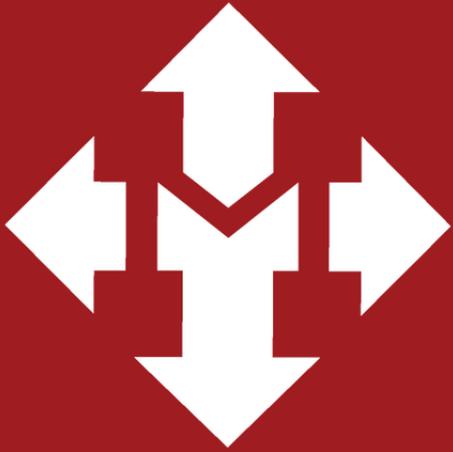
Our work ensures that this high-density urban environment remains functional and efficient, supporting Utah City's goal of redefining quality of life through connectivity and sustainable design.



Contact

Robert Poirier
Civil Engineering Manager
rob@mcneileng.com
801.255.7700

HIDDEN CREEK



MCNEIL CONSULTING

McNeil Engineering's Consulting team is currently supporting ongoing renovation efforts at the Hidden Creek condominium community in Park City, Utah. The project focuses on evaluating existing building conditions and assisting with the phased replacement of aging roofing systems as well as other exterior improvements across the property.

Located in a high-elevation environment with significant snow loads and seasonal freeze-thaw conditions, buildings in Park City require durable and well-maintained roofing systems to perform reliably over time.

Our team has been working with the property management team and contractors to assess current conditions, identify areas requiring attention, and provide guidance as re-roofing and renovation work progresses throughout the community.

By helping coordinate evaluations and supporting the ongoing improvements, McNeil's Consulting group is assisting the ownership team in extending the life of the buildings while ensuring the property continues to perform well in Park City's demanding mountain climate.

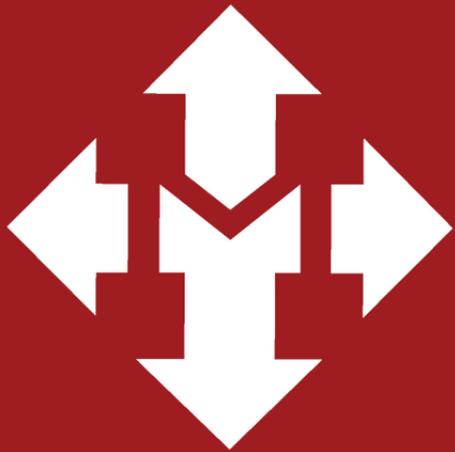
Projects like Hidden Creek highlight the value of proactive building consulting—providing property owners and community managers with the information and technical support needed to plan improvements, prioritize maintenance, and protect long-term property value.



Contact

Carl Greene
Consulting Manager
carl@mcneileng.com
801.255.7700

MCNEIL X HEDMAN



Contact

Matt Roblez
Structural Engineering Manager
matt@mcneileng.com
801.255.7700

MCNEIL STRUCTURAL ENGINEERING

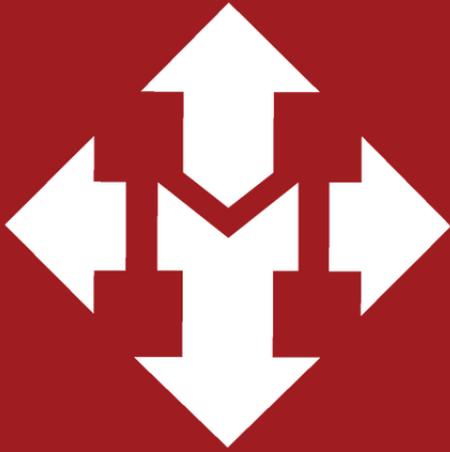
McNeil Engineering is pleased to welcome Hedman Engineering to the McNeil team through a recent strategic merger, strengthening our presence in Southern Utah and expanding our ability to serve clients across the region.

Founded and led by Jeff Hedman in St. George, Hedman Engineering has built a strong reputation for delivering thoughtful, reliable engineering solutions across a wide range of projects. For years, Jeff has operated his firm with the professionalism and technical expertise of a much larger organization — earning the trust of clients throughout Utah and beyond.

Through this partnership, McNeil Engineering and Hedman Engineering bring together shared values, deep regional knowledge, and a commitment to hands-on service. Jeff will continue serving clients in the St. George market while helping expand McNeil's capabilities across the 38 states in which he is currently licensed.

For clients, the transition is seamless — maintaining the relationships and responsiveness they rely on while gaining access to McNeil Engineering's full multidisciplinary team.

INTENTIONAL LANDSCAPE DESIGN



Contact

Scott Schoonover
Landscape Architecture Manager
scott@mcneileng.com
801.255.7700

MCNEIL LANDSCAPE ARCHITECTURE

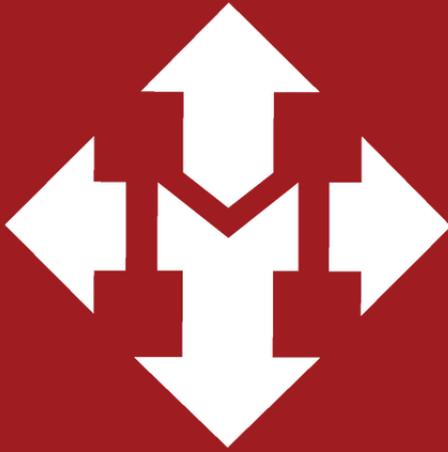
At McNeil Engineering, landscape architecture is about more than simply placing plants or designing outdoor spaces—it's about intentional design. Regardless of project size or type, our Landscape Architecture team approaches every site with the same level of thoughtfulness and purpose, ensuring that each space contributes meaningfully to the people who use it.

Led by Scott Schoonover, the team focuses on creating environments that feel cohesive, functional, and welcoming. From mixed-use developments and residential communities to civic spaces and commercial sites, every project begins with a careful consideration of how people will move through, interact with, and experience the landscape. Pathways, gathering areas, plant selections, and site features are all designed with the goal of strengthening the connection between the built environment and the community it serves.

Intentional landscape design also means understanding the context of each project—its scale, its surroundings, and its long-term needs. Whether working on a large multi-phase development or a smaller site improvement, McNeil's landscape architects apply the same commitment to thoughtful planning, collaboration, and detail.

Under Scott's leadership, the team remains dedicated to designing landscapes that are not only visually appealing, but also purposeful—spaces that enhance everyday experiences and help create lasting places for communities to live, work, and gather.

A ROOF OVER OUR HEADS



Contact

Carl Greene
Consulting Manager
carl@mcneileng.com
801.255.7700

BENEFITS WE MAY TAKE FOR GRANTED WHEN WE HAVE A ROOF OVER OUR HEADS

Most of us reading (or writing) this article, live in a home or building and only think about the roofs over our heads when there is something wrong. But living in a structure with a roof provides a fundamental foundation for health, safety, and long-term success.

Reasons Why It's Important to Live Under a Roof:

- **Physical Protection and Safety:** A roof is our first line of defense against the elements. Regardless of the region in which you live, a roof protects us constantly from rain, snow, extreme heat and cold, wind, UV radiation, storms, etc. Beyond providing basic shelter, a sound roof also protects our home's structural integrity by preventing water damage from outside the home.
- **Energy Efficiency and Comfort:** A well-maintained roof can help regulate indoor temperatures. Combined with adequate insulation, they help to keep our homes cool in the summer and warm in the winter. This reduces the strain on HVAC systems which can lower energy bills and reduce our consumption of resources. While not something I would recommend as a roof consultant, you can even place solar panels on a sound roof to reduce reliance on the energy grid.
- **Mental and Emotional Well-being:** A study for the Journal of Social Psychiatry + Psychiatric Epidemiology published in March of 2020 concluded that stress from insufficient, poor quality, or unaffordable housing have a negative impact on mental health. Thus, a strong home with a sound roof provides security for our families and a "sanctuary" where families and individuals can live in peace.
- **Foundation for Success:** Having a roof over your head can serve as your base for maintaining a job, completing education, and maintaining and recovering your health. Without one, it can become hard to participate fully in society. Living with a roof over your head can help to connect you to your neighbors and your community.

I hope that what I have shared helps highlight the obvious benefits of living with a roof over your head. It's also worth taking a moment to recognize that not everyone has access to the same level of stability or security. While circumstances differ widely, being aware of this reality can add some perspective to something many of us experience every day without much thought.

Carl E Greene, Consulting Manager
McNeil Engineering