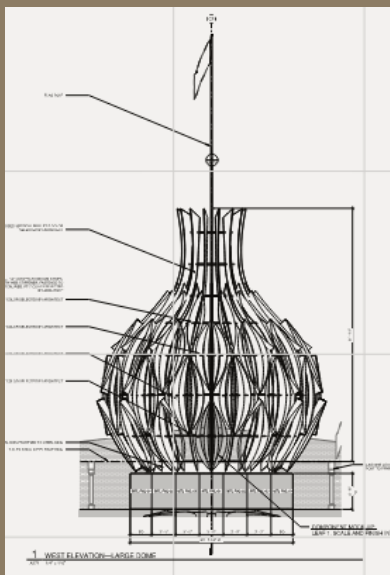


LEGACY DESIGN

DESIGN
PHILOSOPHY

TSP

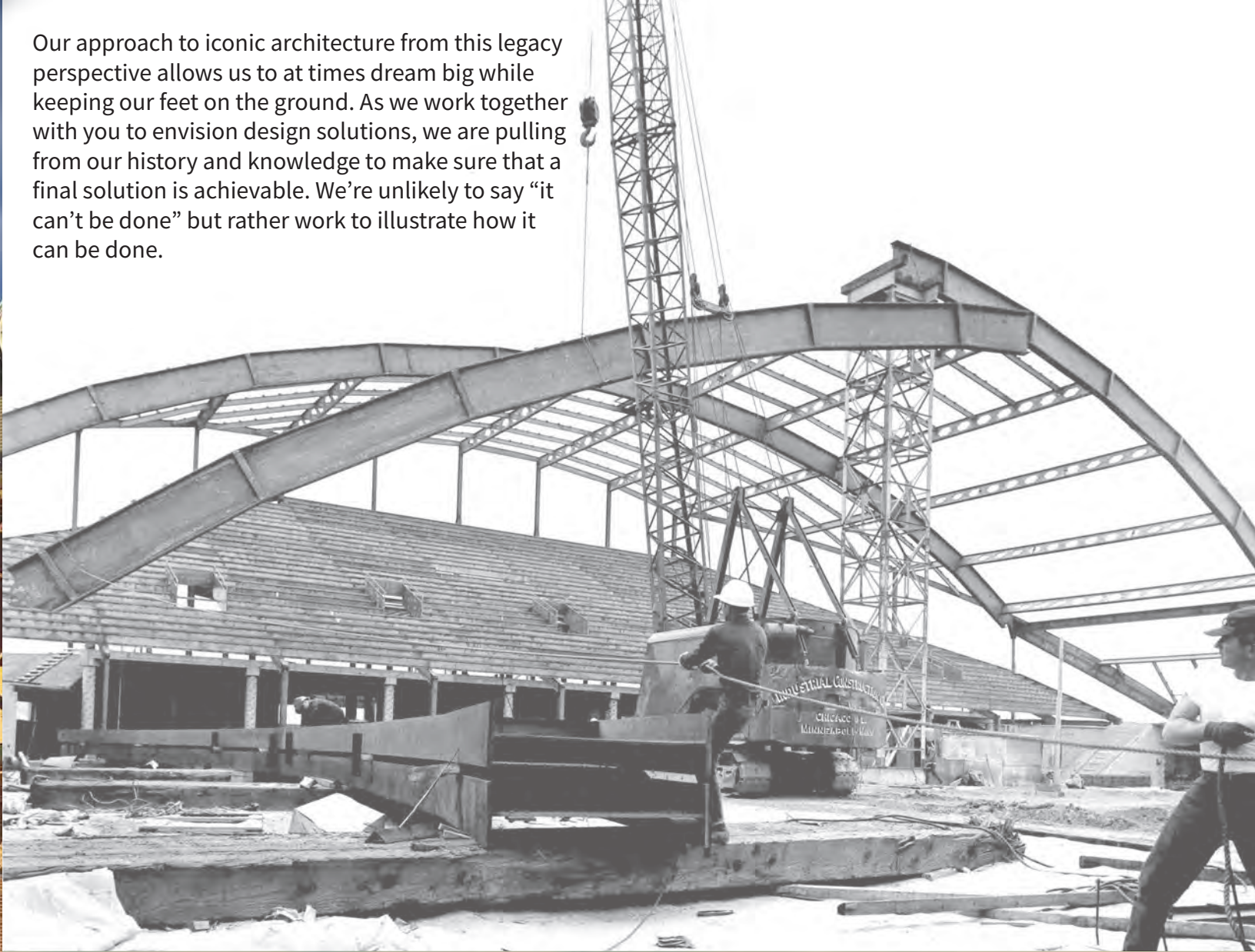




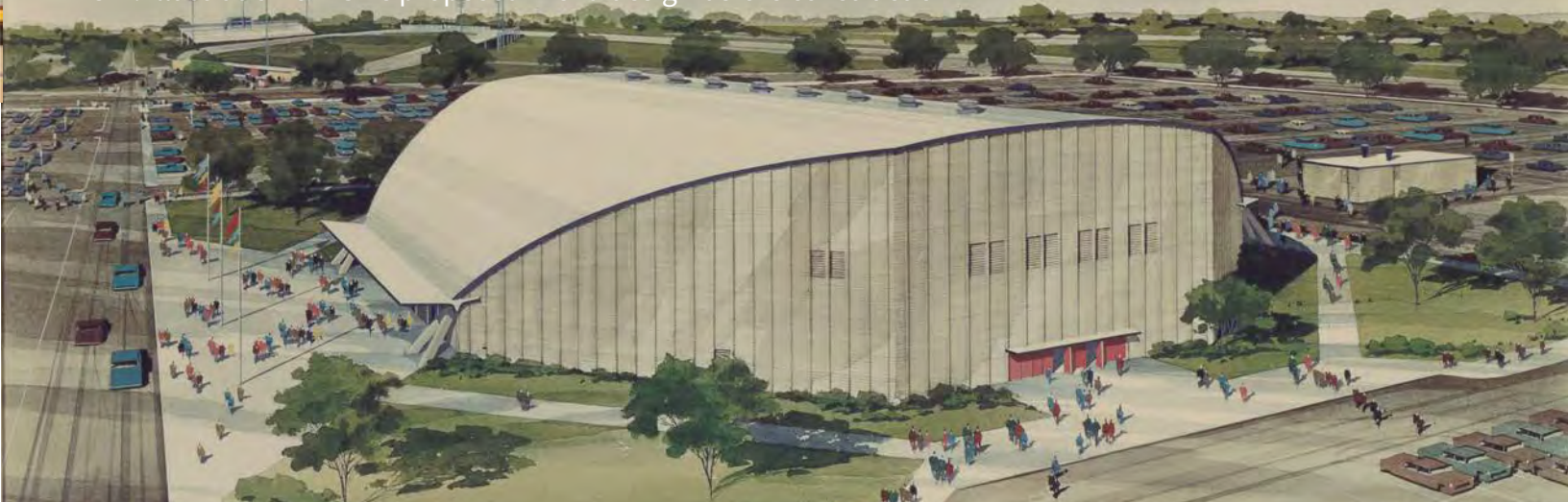
When asked to picture the most iconic architecture in the state, most people will jump right to the Mitchell Corn Palace. It's a representation of the area's heritage, the economy, and the utilitarian, pragmatic attitude of people in the region. While its overall design and style may not sit well with those who have been exposed to more global cultural influences (certainly not "world-class" design), there is no denying the iconic nature of those domes.

More important than the iconic look, the Mitchell Corn Palace has a legacy in the community, and even in the country, because of its symbolic representation of the state. That is why TSP was happy to be a part, in whatever small way possible, with the redesign and replacement of the domes with MSR out of Minneapolis. As a firm that has been around for nearly a century, we understand what legacy means and it infuses our design philosophy with a specific approach. You won't see fads and trends being promoted by our designers, you'll see timeless design solutions that are not only beautiful, they are designed pragmatically to remain beautiful for decades.

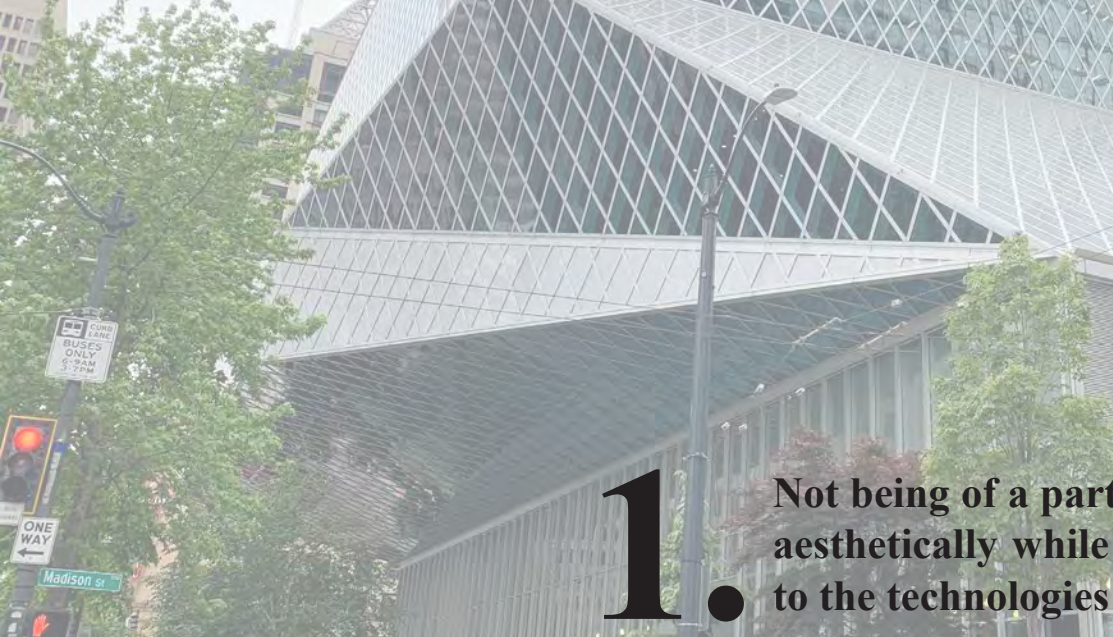
Our approach to iconic architecture from this legacy perspective allows us to at times dream big while keeping our feet on the ground. As we work together with you to envision design solutions, we are pulling from our history and knowledge to make sure that a final solution is achievable. We're unlikely to say "it can't be done" but rather work to illustrate how it can be done.



ABOVE: Skeleton of original Sioux Falls Arena under construction.
BELOW: Illustration of TSP's proposed Arena design before construction



Throughout our decades of experience, we've identified 5 key attributes of what makes up legacy or "timeless" design. We share these with you illustrated by iconic works of architecture from around the world that inspire us (and hopefully inspire you) - they are what jumpstart our dreamstorming - as well as projects from our own portfolio that represent each principle. We think these aren't half-bad either.



1 Not being of a particular style or time period aesthetically while appropriately responding to the technologies and culture of the day.

**ABOVE: OMA's Seattle Central Public Library, 2004.
Seattle, WA**

This glassy building resembling a netted bag of books uses extensive curtainwalls to provide ample daylight and connections to the city while simultaneously reflecting the city back to itself. Its main levels create a public corridor across a steep site. Its program dictates its layout, with a continuous ramp that tracks along its stacks. Fireproofing details are not hidden but rather put on display as showpieces, demonstrating how the structure was built. It is architecture as diagram and sculpture, not style and decoration.



**LEFT: Frei Otto's Olympic Stadium/Complex, 1972
Munich, Germany**

The tent-like structures of this complex use acrylic glazing to protect from elements overhead. The shapes are meant to mimic the Alps, and represent a beautiful fusion of architecture and engineering, something that really gets us excited at TSP. This represents the first use of tensile structure (steel cables suspending roof forms) on such a grand scale.





**TSP's DSU Beacom Institute
of Technology, 2017
Madison, SD**

This energy-efficient LEED-Silver design features a daylit lobby with floating collaboration pods and a warm wooden bleacher stair. The glass curtainwall looks out onto the main DSU campus while also reflecting the historic East Hall the campus is most well known for. AIA SD Honor Award and People's Choice Award winner, 2018.

2. Interfaces with the public realm in a manner that manifests itself in program that can transcend the specific needs of the day-to-day client.

Santiago Calatrava's Quadracci Pavilion, 2001. Milwaukee, WI

The identifying pavilion of the Milwaukee art museum, the Quadracci Pavilion is not only an iconic visual landmark for Milwaukee, it connects the museum downtown with a bridge aligned with the dynamic brise-soleil. The wing-like brise-soleil opens during the day, altering the appearance of the building - another beautiful fusion of architecture and engineering. So iconic, the pavilion has become part of the logo for the museum.

Thomas Heatherwick's Vessel (TKA), 2019 New York, NY

Originally designed as an interactive art installation, the structure termed "Manhattan's answer to the Eiffel Tower" serves as static sculpture punctuating a public space.





**TSP's NSU Jewett Regional Science Education Center, 2019
Aberdeen, SD**

More than a science classroom/lab building, the LEED-Silver design features a large lobby and front porch that greets visitors to NSU's campus. The east facade features bright pops of NSU-branded colors that help to activate a new urban-feeling streetscape, creating a unique walking experience in addition to the new entry anchor. AIA SD People's Choice winner 2020.





**Herzog & de Meuron's Elbphilharmonie, 2016
Hamburg, Germany**

Housing 3 concert halls and a hotel, the mega project was designed as an anchor for the HafenCity development, symbolizing the sea-based industrial nature of the city and quarter by conjuring images of a sail atop an old warehouse. It is the focal point of the HafenCity Development.

3. An element that engrains the project as a significant milestone or undertaking – a manifestation of some larger goal or effort of the client.



**Snøhetta's and David Brody Bond's 9/11 Memorial Museum
New York, NY**

Not much needs to be said about the underground museum that captures the tragedy of 9/11. The understated entry pavilion acts as a simple threshold between two worlds, and the exhibit spaces fill the footprints of the original Twin Towers, echoed on the surface by Handel Architect's cascading granite waterfall voids.



**TSP's AU Hamre Recital Hall, 2018
Sioux Falls, SD**

A new school of music requires state-of-the-art facilities, and the renovation of the nearly 50 year old Kresge Recital Hall into Hamre Recital provided just that, helping usher in a new era for music programs at Augustana University. The warm wood tones echo the Scandinavian heritage of the school, and the acoustics are top notch. AIA SD Merit Award winner 2019.





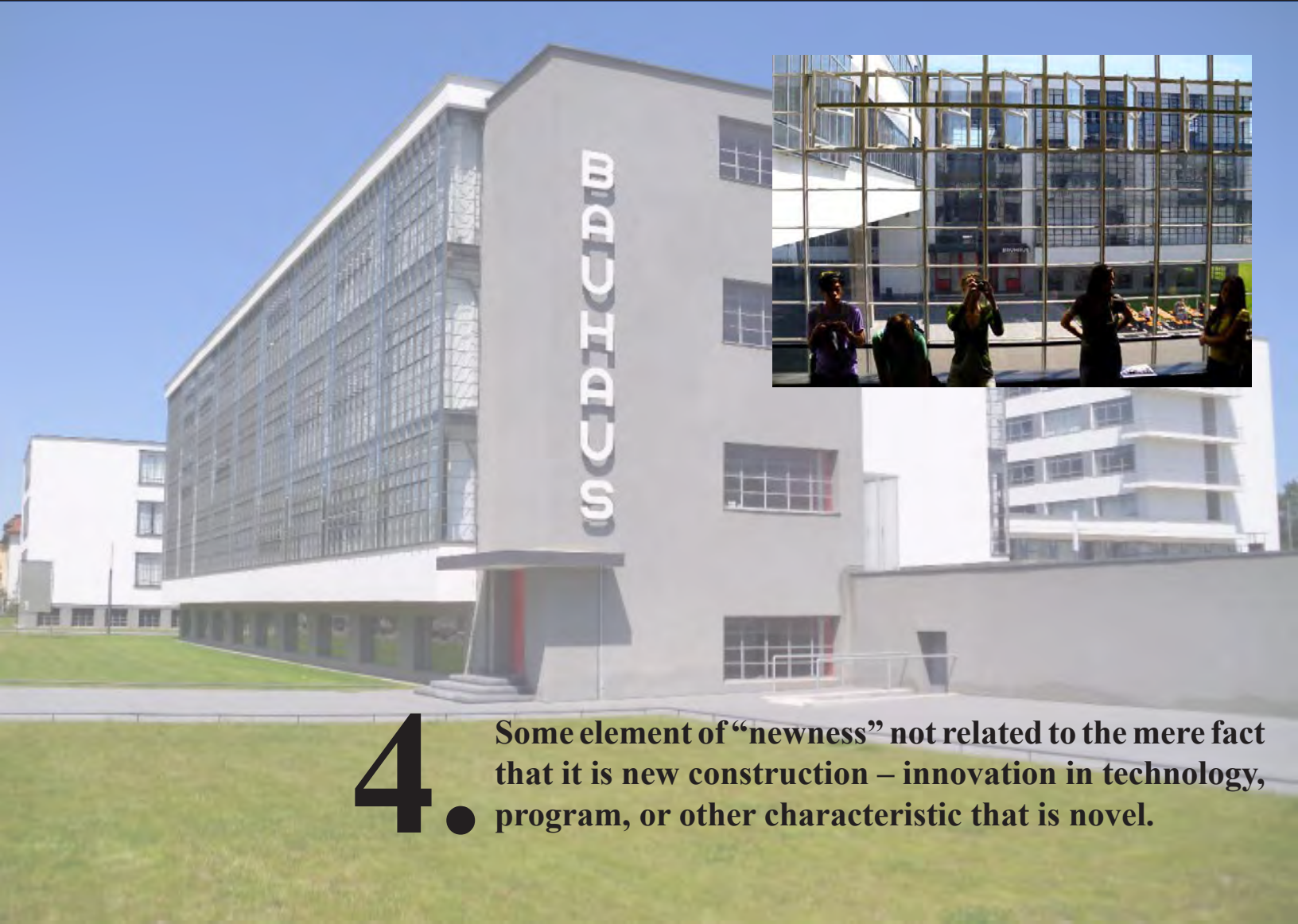
**BELOW: Walter Gropius's Bauhaus, 1925
Dessau, Germany**

Not only was the design philosophy taught at the school novel, but the Dessau building's innovative glazing along the workshop zones was a new approach to introduce daylight into workspaces in an interrupted fashion, allowing the pragmatic functionality of the glazing system to provide the main aesthetics.



**ABOVE: Diller Scofidio + Renfro's The Shed, 2019
New York, NY**

An arts center that uses a mobile shell on giant wheels to expand and retract, creating additional gallery and performance space as needed for a variety of events. The shell is clad in ETFE - a plastic that can achieve the thermal properties of insulated glazing at a fraction of the weight.



4. Some element of “newness” not related to the mere fact that it is new construction – innovation in technology, program, or other characteristic that is novel.



TSP's Human Service Agency Serenity Hills, 2023 Watertown, SD

A unique combination of programs that combines halfway house, detox unit, short-term mental health crisis rooms, as well as support spaces and services for individuals suffering from severe mental disability and impaired role functioning. This facility does it all within a calming, residential-style setting. It is combination of residential, assembly, healthcare, and office program types, molded into a cohesive whole.





5. Is designed at a material level to stand up to the elements long term – a building with “good bones.”

**ABOVE: Foster and Partner’s Reichstag Dome, 1999
Berlin, Germany**

This is a bit of a cheat, as the Reichstag was destroyed but then rebuilt. The rebuild eventually featured this glassy dome to symbolically keep the people above the government and bring daylight into the Bundestag chamber below.

**RIGHT: Louis Kahn’s Exeter Library, 1972
Exeter, NH**

By utilizing elementary shapes and simple materials of brick, concrete, and glass, Kahn designed a truly monumental library that continues to be used to this day for its original purpose. The circle and square form that organizes the interior harkens back to notions developed by ancient Roman architect Vitruvius, hinting at the geometry’s everlasting appeal.





TSP's AU Froiland Science Complex, 2016 Sioux Falls, SD

A renovation of an original 1960s TSP design, this project modernized the science and mathematics classroom and lab space for Augustana University. As faculty noted, it made the old new again, allowing the Gilbert Science Center to continue to serve the Augustana community as the larger Froiland Science Complex. As one professor noted, you can't tell where the old building ends and the new one begins. The LEED-Gold building is also an AIA SD Merit Award winner, 2018.



INVESTMENT IN GOOD DESIGN

Recently, TSP created a new role titled Director of Design, to help provide even more focus on what makes our projects stand the test of time. Filling that role today is Chase Kramer, an architect with a background as an artist and musician, someone who searches out beauty in all its various facets. He studied art at Augustana for 4 years, learning drawing, painting, and sculpture, but more importantly the history of art and architecture. In graduate school, he participated in the Berlin Summer Institute that looked to understand how iconic architecture could help create connections between former East and West Berlin, across the River Spree, teaming with other designers from Pratt Institute, UC-Berkeley, and Berlin Hochschule fur Technik. During his studies, he also traveled throughout the U.S. and Europe to see, experience, and learn from some of the greatest architecture in the world, some of which is featured in the principles above.

At TSP, he has guided a number of AIA award-winning projects through design and construction. As Director of Design, he brings that experience and vision to all of our legacy projects across our footprint, leveraging the talent, skill, and experience of all our designers to help unleash the best design solutions for each of our clients. As your architect, he will ensure that the resulting design is an iconic landmark in not only the Sioux Falls or South Dakota skyline, but across the upper great plains.



1960s: Jehovah Lutheran, St. Paul MN



A LEGACY OF ICONIC DESIGN

TSP is no stranger to iconic architecture. Our founder, Harold Spitznagel, went toe-to-toe with the great Frank Lloyd Wright in the design for Sylvan Lake Lodge. Some of the best-known buildings in the region are TSP designs. But, as is part of our midwestern nature, we don't always (get the chance to) brag about it. Here are a few we think stand out from the decades:

1930s: Sylvan Lake Lodge, Custer SD



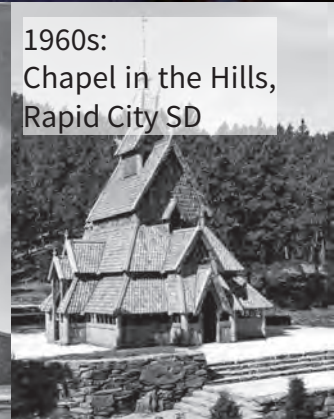
1960s: Lincoln High School,
Sioux Falls SD



1950s: St. Mary Church,
Sioux Falls SD



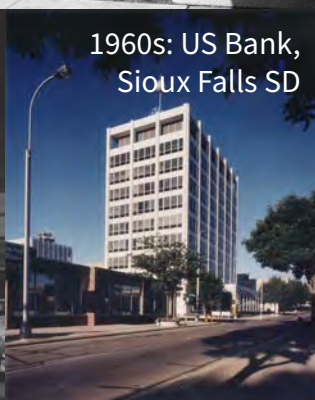
1960s:
Chapel in the Hills,
Rapid City SD



1940s:
Hollywood
Theater,
Sioux Falls SD



1960s: US Bank,
Sioux Falls SD



1960s: STC HUB,
Sioux Falls SD



1990s: Avera Corporate HQ,
Sioux Falls SD



HAROLD SPITZNAGEL

architect

JOHN A. SCHOENING ASSOCIATE
SIOUX FALLS, SOUTH DAKOTA



TSP, Inc