



#### -Client Needs -

Our clients needed a commercial dining space capable of serving customers on sunny days, during snow storms, and for every weather pattern in between. We needed to capitalize on the gorgeous water views and easy lake





#### Aesthetics

In addition to improving the functionality of the restaurant, our clients wanted to elevate the look of the patio.

To do this, we incorporated 5 skylights into the sloped, standing seam, 16' by 50' metal roof, in order to maximize the amount of natural light in the space. Additionally, in order to heighten the overall appeal of the space, we installed the vinyl screens within the roof so that they could be hidden when not in use. When the screens are retracted, the patio seamlessly transitions from indoor to outdoor dining.

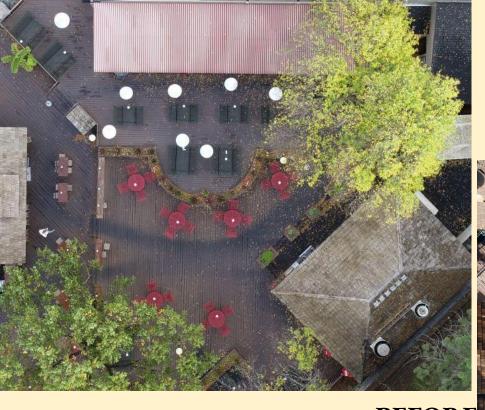




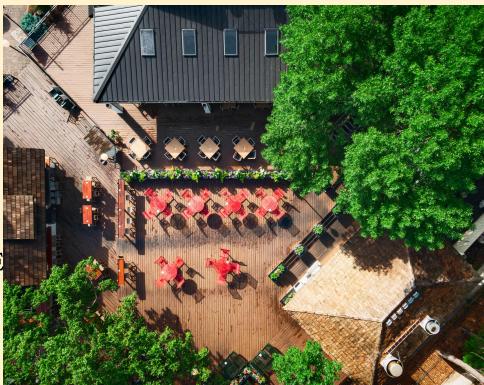
## **BEFORE**

# **AFTER**





### **AFTER**



BEFORE



**AFTER** 













#### Craftsmanship & Functionality

In order for this new patio to adapt to the Minnesota weather, we installed 10, 6,000 watt infrared heaters and several vinyl screens that can be hidden in the roof or dropped down to cover the patio space. The heaters are easy to use and control, allowing the restaurant staff to program the heaters in 4 zones and set different temperatures for separate sections of the patio. When in use, the vinyl screens can be deployed with the push of a button. They keep the wind, rain, and snow out, while trapping the heat inside the space. The addition of these heaters and the vinyl screens allows our clients to use the patio year round.

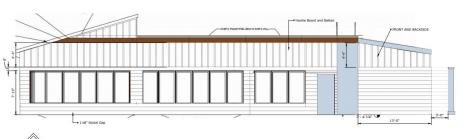




# Siding Plan









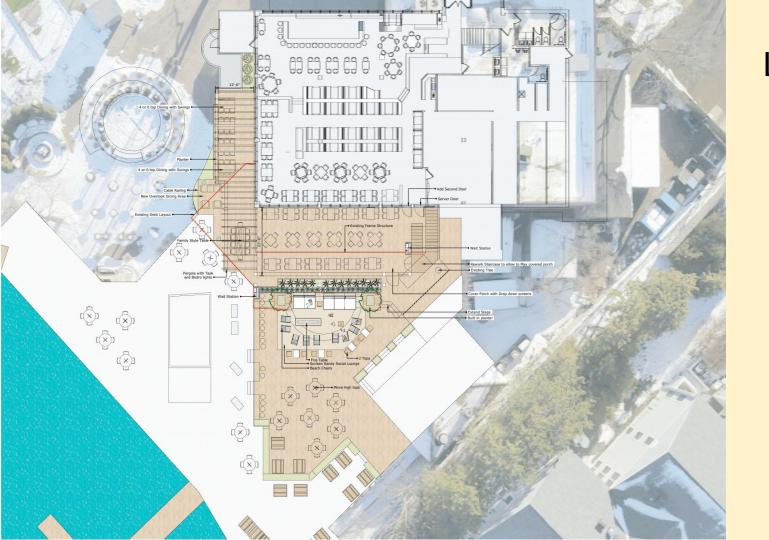












# Landscape Plan





## Challenges & Innovations

The location of the site presented one of the biggest challenges for this project. While this location offers beautiful views of Lake

Minnetonka, it is located on coveted waterfront property and it is surrounded by an elevated deck.

This prevented us from digging traditional footings. Instead we installed helical piers.

