



The City of Saint Paul's North End Community Center opened in early 2025. The project included the construction of a new 25,000-square-foot building, in alignment with Saint Paul's Sustainable Building Ordinance, along with enhancements to an existing 6-acre park.

The facility offers a wide range of amenities to Saint Paul's North End neighborhood – including multipurpose community rooms, a teaching kitchen, youth ("Rec Check") and teen rooms, fitness and dance/yoga rooms, a gymnasium, basketball and sepak takraw/badminton courts, a playground area, and more. General information for the center is available at www.stpaul.gov/facilities/north-end-community-center.



© Corey Gaffer Photography



© Corey Gaffer Photography

Saint Paul's Most Sustainable Community Center

North End Community Center features a geothermal system for heating and cooling, rooftop solar, and a variety of other energy efficiency and sustainability measures – which collectively make it the most sustainable community center within the City of Saint Paul's building portfolio to date.

SB2030 Energy
Standard: 38.5
kBtus/sq.ft./yr

**As Designed: 27.06
kBtus/sq.ft./yr**

SB2030 Carbon
Standard: 12.3
lbs. CO₂e/sq.ft./yr

**As Designed: 8.09
lbs. CO₂e/sq.ft./yr**

79% more efficient than baseline!



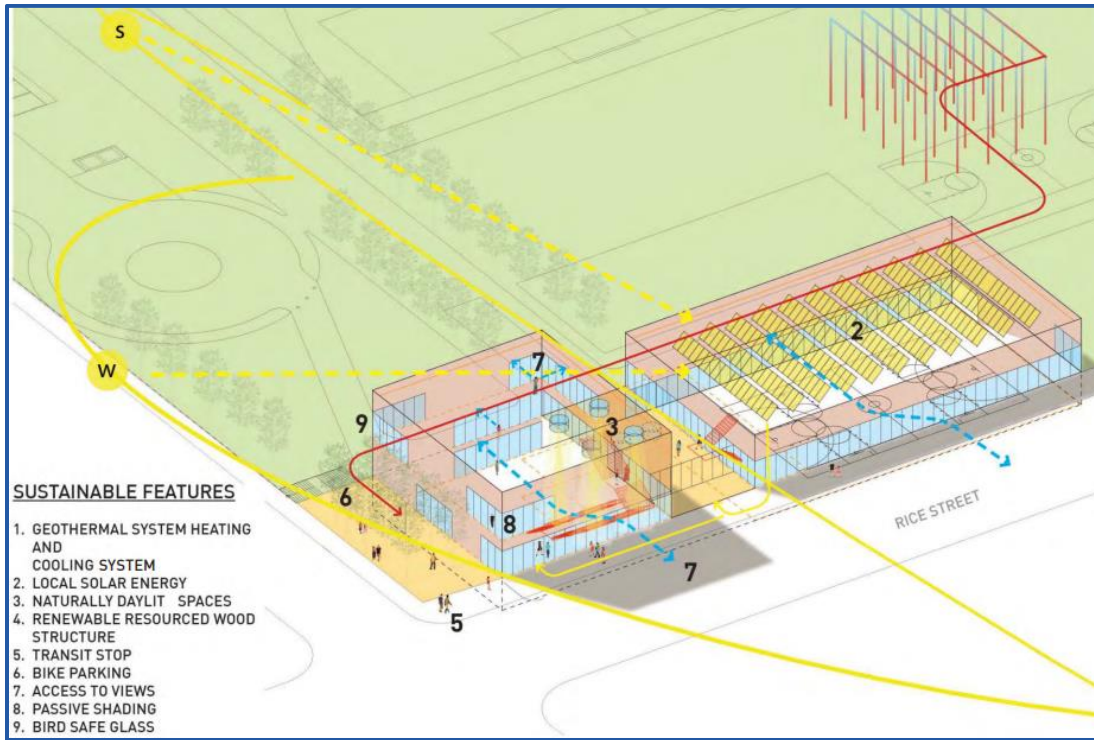
Solar tubes bring in natural daylight

**Learn more on Saint Paul's
Climate Action Dashboard:**

climateaction.stpaul.gov/actions/1



Building designed by Snow Kreilich Architects: snowkreilich.com/ourwork/north-end-community-center/



Traditional Geothermal System:

- 44 vertical bores at 250 feet deep
- 60-ton Water furnace 6-pipe Modular Heat Pump
 - Chilled Water- Hot Water distribution
- 2 – DOAS Units with integrated ERVs



Solar at North End Community Center

- 39-kWdc / 30-kWac rooftop array
- Projected to produce ~ 47,000 kWh/yr
 - ~ 25% of electric need annually
- System components:
 - 65 – HiS-S595OG 595W solar modules
 - SMA Sunny Tripower X 30-US inverter
 - Unirac RM10 Evo racking
- Designed by Renewable Energy Partners (REP) and Manor Electric
 - Installed by Muska Companies
- Project cost = \$163K
 - \$72K grant from MN Commerce

