

Minneapolis Third Police Precinct

Police Precinct #3

3000 Minnehaha Ave S

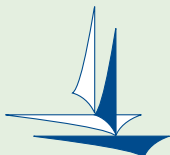


Year Constructed: 2006

Square Footage: 40,000

The Minneapolis Police Precinct #3 building houses the police staff and office staff for the third precinct. The building also houses operators for 311 services, a Minneapolis information hotline. The building also has a community room that is available for reservation.

Minneapolis
Leading
the way with
GREEN
municipal buildings



City of Minneapolis
Public Works

www.ci.minneapolis.mn.us

Sustainable Site

- ▶ Re-use of an existing City owned building
 - Was a 15,000 sq ft building
 - Now a 40,000 sq ft building
- ▶ Strategic design plan for future growth/ change
 - Used design assistance program with Xcel Energy

Energy Efficiency

- ▶ Facility to audit to spot problem areas
- ▶ Comprehensive energy modeling and analysis
 - Striving for 10 year "return on investment"
 - Reduce KW electrical peak load by 35 percent
 - Reduce annual energy costs by 39 percent
 - Reduce total energy consumption by 39 percent
 - Reduce CO2 emissions by 308 tons per year or 42 percent

Water Efficiency

- ▶ Low flow washroom fixtures
 - Automatic sink faucets, toilets, etc.
- ▶ 100 percent of storm water is managed on site

Materials and Resources

- ▶ Recycled building materials
 - Re-use of existing building
 - Recycled rubber tire flooring
 - Reused furniture
- ▶ Construction waste management
 - Separated and recycled construction waste
 - Almost 70 percent of materials were recycled
- ▶ Durable finishes
 - Last longer
 - Biocomposite materials

Indoor Environment Quality

- ▶ Low and no VOC paints and adhesives
 - Do not release significant pollutants
 - Almost no smell when applied
- ▶ Computerized heating and cooling controls

Special Features

- ▶ Rain gardens/ infiltration strips
 - A planted depression that is designed to absorb rainwater runoff from impervious urban areas
 - Reduces rain runoff by allowing storm water to soak into the ground
 - Sustainable landscaping
- ▶ No utilities located under parking lot
 - Allows for easier expansion possibilities
 - No piping to dig up
- ▶ Solar Wall
 - Passive solar system
 - Draws warm air through it
 - Warm air draws into building
 - » Drastically reduces heating cost in winter
- ▶ Smart building



The passive solar wall draws warm air through it and into the building, cutting energy cost throughout the year.