



WACONIA FIRE STATION

Waconia, Minnesota | BKV Group

BKV Group was hired by the City of Waconia to clarify the need for relocating their fire station, select a site, establish the building program, and develop an appropriate project budget. BKV Group reviewed existing conditions to validate the need to retire the existing facility, then conducted a space needs analysis, a GIS response time analysis, and site master planning to evaluate potential relocation parcels. Once City Council selected a site and adopted the proposed project budget, the City hired BKV Group to proceed with the design phases.

The completed building features six apparatus bays split into two rooms, organized around a central support bar that includes a robust collection of built-in training elements. To the west of the bays is a personnel decontamination suite (including steam showers), a dayroom and kitchen/dining space, bunk rooms for duty crews, and a physical conditioning room with outside access. Closer to the street, a 100-person community room serves both departmental training meetings and civic functions such as polling. Visitors are welcomed through a landscaped entry plaza

and greeted by an historic REO Speedwagon parade truck displayed beneath a prominent tower element. Staff offices maintain quick access to both the apparatus bays and the station kitchen, with acoustic separation provided by strategically placed doors.

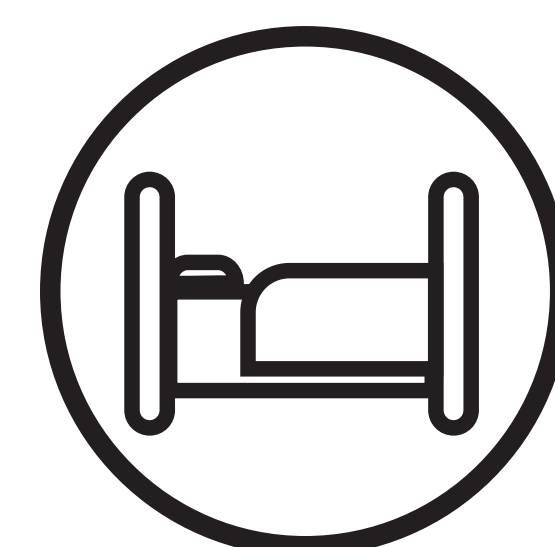
The site incorporates a dedicated apparatus return drive that also accommodates parking for paid-on-call members, ensuring rapid access to the bays and turnout gear storage. A generous rear apron supports apparatus maneuvering and provides staging areas around the training tower. Public parking is located to the west of the building. Both the building and site were designed to allow for a future law enforcement wing, which would feature a separate public entry while remaining fully connected to existing building systems. The exterior design draws inspiration from the City's original fire station, incorporating a brick façade, flat rooflines, framed glass apparatus doors, a vertical tower element, smaller punched windows, and detailed stone accents at key architectural moments.



6 BAYS



~12 CREW



6 BUNKS

CLIENT

City of Waconia

FIRE AGENCY

Waconia Fire Department

AGENCY TYPE

Career

SIZE

29,050 SF
6 drive-through bays
6 bunks

SITE SIZE

5 acres

COST

\$11.9M

COMPLETION DATE

Summer 2024

ARCHITECT OF RECORD

Boarman Kroos Vogel Group, Inc. | Architecture, Landscape Architecture, Structural Engineering, Electrical Engineering, Mechanical Engineering

CONSULTANT(S)

Bolton & Menk | Civil Engineering

Kraus Anderson | Construction Manager

True North Consulting Group, Inc. | Security Electronics