

CASE STUDY



PROJECT DETAILS

Location:

Shakopee, MN

Products Used:

8-inch and 12-inch depth Hollowcore

Owner:

Gaughan Companies

General Contractor:

Greystone Construction

Erector:

Zachman Precast, Inc.

Architect:

Brian Gadiant,
Momentum Design Group

Engineer:

Ericksen Roed &
Associates

County Prestress' Hollowcore Podium Solution Enhances Tenant Comfort and Safety in Apartment Complex

Solutions: Hollowcore offers design flexibility, low cost, and efficient installation

Hollowcore manufactured by County Prestress was specified for the building's podium for its cost savings and efficient installation. Podiums built with hollowcore feature open, column-free spaces and maintain comfortable indoor temperatures with less energy usage. In mixed residential and retail applications, the inherent noise reducing and fire suppressing qualities of prestressed concrete plank also enhances tenants' comfort and peace of mind.

Hollowcore offers unmatched design flexibility. Before arriving to the site, the planks are cut to specified lengths for each project, accommodating plans with unique angles and curves as well as tight construction sites. Prestressed concrete plank also maximizes usable space and enables reduced building heights by concealing HVAC and wiring within its cores.

Continued on page 2.





Once installed, hollowcore provides an instant work deck, which helps crews maintain construction schedules and reduce lost time. For this project, the erector set almost 60,000 square feet of hollowcore in just three weeks, allowing early access to the site for other trades.

Value engineering services from County Prestress helped keep the project within the owner's budget. County Prestress manufactured and delivered 28,000 SF of 8-inch depth hollowcore, 32,000 SF of 12-inch depth hollowcore, and 1,666 SF of 12-inch depth solid slabs and coordinated with the contractor and erector to ensure the project was completed on time.



Podiums built with hollowcore feature open, column-free spaces and maintain comfortable indoor temperatures with less energy usage.