

Today's Parking Structures: Why Steel?

1. Lightweight

This reduces foundation requirements, and easily adapts to irregular sites.

2. Rapid Construction

Speed of design and construction is critical to revenue-generating garages or when adjacent buildings cannot be fully leased until adequate parking is provided.

3. Small Columns

Maximize space availability, improving user's visual comfort and safety. Also enables much more space to maneuver cars into and out of spaces.

4. Long Spans

Optimize space usage through long open spans. Simplify maintenance & improve illumination. Greater flexibility to re-stripe stalls. Fewer spaces lost to careless parkers in three car bays.

5. Adaptability

Address restrictions of space & accessibility of irregular shaped or small sites as well as foundation depths.

6. Economic

Shorter construction time means the structure is generating revenue sooner. Reduced foundation costs, all weather construction, lower maintenance requirements. Modern coating systems and/or galvanizing extend longevity and require minimal touch-ups resulting in substantial financial benefit.

7. Architectural Appeal

Flexibility of steel manufacturing along with creative design features result in garages that are imaginative and appealing.

8. Durability

Steel lasts for centuries with only minor preventative maintenance. It has stood the test of time.

9. Ease of Maintenance

Modern protective coatings protect steel-framed garages for 30-50 years with minimal touch-ups. The open and readily accessible steel frame simplifies surface inspection and maintenance.

10. Fire Protection

Fire protection requirements need to be addressed at the conceptual stages to minimize the need for extensive fire protection. Open, detached garages up to 75' high can be framed with unprotected steel