Precast concrete offers considerable advantages for parking structure design, including added scheduling, site coordination, and cost benefits for clients. Use the items in this checklist to develop a rough order of magnitude (ROM) price as a precaster working with garages and other parking structure projects.

1 LOGISTICS

- Number of stalls or cars
- Standard bay size
  - 48 x 60
  - 45 x 60
  - 36 x 60
- Number of floors
- Ramp location
- Ramp length
- Soil study and conditions

2 INTEGRATION

- Egress and ingress
- Security and safety
- Fire protection (sprinklers required, etc.)
- Drainage factors
- Lighting system
- Wayfinding guidance
- Elevator access
  - Elevator shaft
- Stair access
  - Shaft interior
  - Shaft exterior
  - Punch through
LEARN MORE

Discover how other innovative industry professionals rely on the wide design freedom of precast concrete to support projects. See how precast builds parking structures.

HAVE QUESTIONS?

Take advantage of everything the PCI Mid-Atlantic Chapter has to offer its members. Get in touch with the PCI Mid-Atlantic Chapter coordinators and tap into the knowledge of fellow precasters for answers to your architectural project questions.

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