

Description:

The purpose of the section is to highlight minimum requirements expected for cast-in-place concrete design and construction.

Related Sections:

- 04 00 00 Unit Masonry
- 05 00 00 Steel
- 09 60 00 Floor Finishes

Effective Date:

January 1, 2021

Applicable Standards:

- American Concrete Institute: ACI Manual on Concrete Practice.

General Requirements:**Cast-In-Place Concrete**

- Vertical drops over 4' are not permitted. Use chute extensions, bottom discharge buckets or tremies.
- Comply with all applicable provisions of ACI; Refer to CRSI for reinforcing.
- Designers should indicate desired/required floor slab flatness by F-value.
- Precaution should be taken with any concrete floor areas designated to be exposed to high public view and traffic should be highlighted (by documentation) as to an acceptable range (limit) of exposed aggregate allowable after grinding prior to sealing.