

General Information

Concrete

All concrete shall be designed, transported, placed, finished and cured in accordance with American Concrete Institute (ACI) requirements. Components of the concrete mix shall meet applicable ANSI/ASTM requirements. Mix requirements and strength shall be specified by the Design Team for each item of construction. Limit the number of mix strengths specified as much as practical.

Concrete form work and reinforcing shall meet applicable ACI requirements and the Concrete Reinforcing Steel Institute (CRSI) along with associated ASTM requirements.

No welded wire fabric reinforcing is allowed except in topping slabs or unique situations as approved by the FPC Project Manager.

Curing compound manufacturer is to provide certification that their product is compatible with the finish flooring scheduled for the space.

The CM/GC is responsible for creating a BIM of the cast-in-place concrete building structure from which shop, fabrication, and as-built drawings shall be derived.

Porches and Steps

All stoops, porches, ramps, docks and steps, exterior and interior shall be constructed in accordance with the requirements of the International Building Code (IBC) 2012 Edition, Section 03000.01, and the International Residential Code (IRC) 2012 Edition, Section 03000.01.