03 00 00 - Concrete

03 00 00 General Information
Architects, in the design of project specific conditions, shall consider the unique characteristics of the local environment and the various soil conditions of Conway, SC.
Reference Standards: American Concrete Institute

03 30 00 Cast-In-Place Concrete
Due to requirements for reduced VOC content in products, there has been an issue with water-based adhesives and coatings being sensitive to moisture in concrete slabs. It is recommended that the design team pursue admixtures to alleviate this concern. One recommended product is Vapor Lock 2020.

03 49 00 Glass-Fiber-Reinforced Concrete (GFRC)
Basis of Design Product: Melton Classics FiberCrete Glass-Fiber Reinforced Concrete products. Color to be selected with CCU Project Manager to match the surrounding buildings.
GFRC to include fascia, window sill, building trim, etc.
Wall Mockup:
Include in wall mockup sample of fabrications proposed for the project.
Considerations:
Surfaces are generally prepared for application of high gloss paint finish.
Qualified manufacturers that are in close proximity to the site.
Conceal joints, anchorages, etc. with manufacturer's recommended joint compound.
As a value engineering option, Fiberglass Composite columns may be used. Refer to section 06 82 00.