BIM SERVICES FOR CAST-IN-PLACE AND STRUCTURAL DESIGN

We optimize Cast-In-Place Projects with Structural 3D BIM and Design Calculations



CAPSTONE
Engineering Simplified



WHO WE ARE

Welcome to **Capstonees**, where innovation meets expertise in architecture, structure, MEPF, and industrial services. With a proud legacy spanning over 17 years, we have emerged as a trusted partner for industry giants like Specon, Petrofac, TechnipFMC, AECOM, and Dodsal. Our journey is marked by a relentless pursuit of excellence, delivering top-notch solutions in architecture, building, house exteriors, renovations, and industrial projects. We are now serving clients across USA, India, KSA, and Dubai.

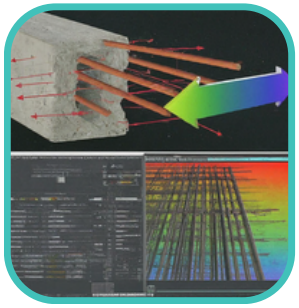
www.capstonees.com

DETAILED 3D MODELING:
Our team creates precise 3D models of all cast-in-place concrete elements, including foundations, walls, slabs, beams, and columns.

STRUCTURAL DESIGN CALCULATION:
Our experienced structural engineers provide comprehensive design calculations for your cast-in-place project, including Load Analysis, Reinforcement Drawings, and Structural Integrity.



LOAD ANALYSIS:
We meticulously analyze all loads your structure will bear, ensuring code compliance and optimal member sizing.



REBAR MODELING:
We incorporate reinforcement details (rebar size, spacing, and placement) into the 3D model, enhancing design clarity.



REINFORCEMENT DRAWINGS:
We generate detailed reinforcement drawings from the 3D model, providing clear instructions for fabrication and construction..

