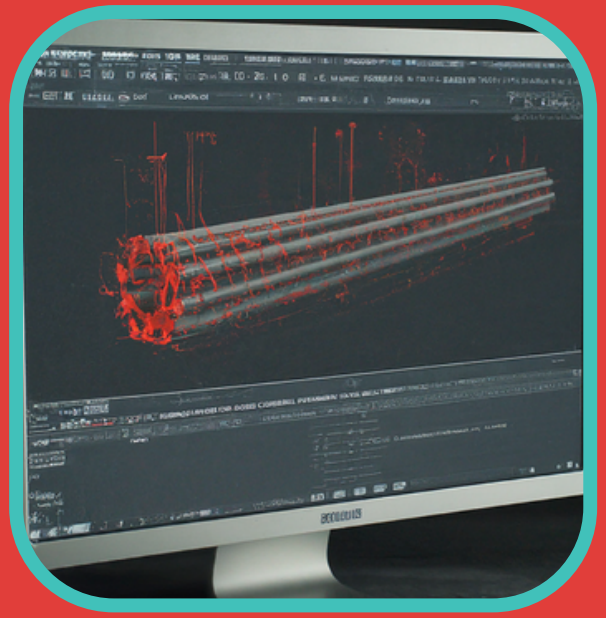
STRUCTURAL REBAR SERVICES

We utilize Building Information Modeling (BIM) to create precise 3D models of the reinforcement within concrete elements of a building. This advanced approach offers significant advantages over traditional 2D rebar detailing methods.

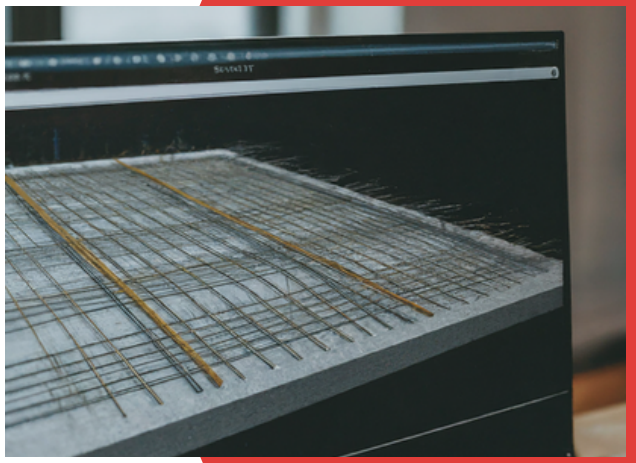
WHO WE ARE

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



CAPSTONE
Engineering Simplified

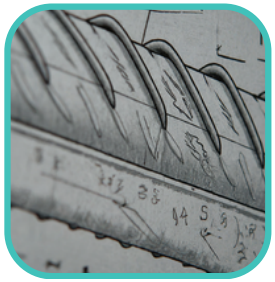


3D Modeling of Reinforcement:
Experts create detailed 3D models of rebar elements within concrete beams, columns, slabs, and walls.

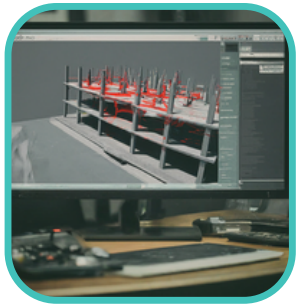
Bar Type & Size Specification:
Our BIM model accurately reflects the size and type of rebar required for each element, ensuring optimal structural performance.



Bending Details & Schedules:
Our bending details for each rebar element are included in the model, along with comprehensive bending schedules for fabrication purposes.



Clash Detection & Resolution:
BIM facilitates clash detection, identifying potential conflicts between rebar and other building elements (e.g., MEP systems) before construction begins. This saves time and money by resolving clashes virtually..



Material Takeoffs & Cost Estimation:
Our BIM models enable accurate rebar quantity takeoffs, facilitating precise material estimates and cost calculations.

