032000 CONCRETE REINFORCING

PART 1: GENERAL

1.01 CLEAR COVER AND TOLERANCES

A. Structural drawings shall indicate clear cover and allowable tolerances of steel reinforcement and welded wire mesh when they are more restrictive than ACI standards.

1.02 REINFORCEMENT SUPPORT SUBMITTALS

A. The size, spacing, and type of reinforcement supports/bolsters shall be included in reinforcement submittals.

1.03 REBAR DETAILING

A. Structural engineer shall provide a detail for additional bars placed at re-entrant corners, slab penetrations, and embedded assemblies to restrain concrete cracking.

B. Structural engineer shall provide negative reinforcement over girders in composite floor systems for crack control. Bars shall extend 36 in. each side beyond beam centerline and shall be set on chairs 1 in. from the concrete surface. These bars can be used to assist with proper welded wire fabric placement.