

ASHAR S. ANWAAR, P.E. - Associate / Structural Engineer



PRACTICE AREAS

- Forensic Engineering
- Structural Evaluation
- Litigation Assistance
- Structural Design
- Peer Review
- Code Compliance
- Façade Assessment
- Repair and Rehabilitation
- Hurricane Protection
- Cost Estimating, Scheduling and Contract Administration
- Glazing, Windows & Doors
- Investigations and Reports
- Civil - Municipal Facilities
- Waterproofing

EXPERIENCE

Over 18 Years of experience with special skills and training in structural analysis and design of low, mid and high-rise residential, commercial and public buildings.

CONSTRUCTION MANAGEMENT

Threshold Inspector, construction management of the projects including field inspections, coordination with the Owner and Contractors, payment requisitions, change orders, shop drawings, construction schedules, impact on construction schedule due to additional work or changes, construction standards and safety requirements during construction and materials testing and evaluation. Cost estimate for construction cost and review of change orders. Also included is bidding phase, pre-bid meetings, familiarize contractors with the projects, and evaluate the bids received. Field inspections as engineering inspector, compliance with the contract drawing, building codes, governmental regulations and specifications for quality of in-place construction. Coordination with sub-contractors, phasing and scheduling of the project, development of the critical path and monitor the progress with the construction schedule.

Structural analysis and design of low rise residential, commercial buildings, and industrial buildings. Structural analysis for gravity loads, design of foundations, columns, beams, girders, slabs, flat slabs, steel joists and metal decks. Experienced in concrete and structural steel design.

CODES

Fully familiar with American Concrete Institute's requirements for concrete structure, ACI-318, Manual of Steel Construction by American Institute of Steel Construction, and South Florida Building Code.