

## Structural Plan Review Checklist

- **Permit Applications**, signed and **sealed plans**, signed **contract**
- **Survey**: site plan, **F.F. Elev.** and **setbacks**
- **Geotechnical Report with recommendations** or Positive soil statement.
- Sub Applications
- **County Impact Fees**: Credits, Usage, AC Sq. Ft. Existing and Proposed AC
- **Product approvals** approved by designer of record: windows, doors, **roof** and **garage doors**
- **Area** breakdown: AC area, garage covered porch, balconies
- **Occupancy Classification**, Min. **Type** of construction, **Code** submitted to:  
Ex. Occ. Class R, Type IIIB FBC 2014 Fifth Edition
- Occupancy Load and **Egress** requirements
- **Floor plan** dimensioned including **window door schedule** and **attic access**.
- **Bedroom Light and Ventilation Requirements**
- **Accessibility requirements**: Ex. Residential (1) 29" Clear toilet Rm. door
- **Attic ventilation** calculations or Icynene
- Building **Elevations** showing beam and overall roof Ht. **Roof drains**.
- **Guardrails, handrails, stair details**, landings (outswing doors), **buck attachments**
- Detailed **Structural Elements**: Foundation, Floor System, Roof Type, Wall
- Location of required draft stopping, opening protections and **fire rated wall details**
- **Chapter 16 Requirements**: structural details: foundation, walls, tiebeam, roof, schedules.
- **Roof framing**: truss anchors and uplifts including permanent bracing
- Worst case **wind loads PSF** positive and negative for window and door openings
- Gable End **detail** / beam elevation changes /rake beam details
- **Structural elements specifications**, schedule, sufficient details
- **Safety**: Smoke/carbon monoxide detectors, pool barriers.