

## Residential Addition/Alteration

- Signed and sealed by registered design professional
- Plat of survey including location, dimensions, and distances to property lines
- Floor area ratio calculations and ground coverage calculations
- Section views and elevation views
- Foundation system
  - Depth, width, thickness, drainage system
- Floor construction
  - Size, spacing, spans, headers, girders, beams, hangers, blocking, floor sheathing
- Wall construction
  - Size, spacing, pressure treated, anchor bolts, R-value insulation, vapor barrier, sheathing type/thickness, brick veneers or facades, etc.
- Roof construction
  - Joist size/spacing/spans, Rafter size/spacing/spans, Rafter ties, roof sheathing, roof pitch, R-value insulation, baffles, Attic ventilation calculations, ice/water shield, shingle material
- Mechanical System
  - Supply/return locations, Furnace locations and specifications
- Plumbing System
  - Water supply, waste, and vent isometric, service size, meter size, total amount of water supply fixture units- New/Existing (W.S.F.U.)
- Electrical System (**Separate Permit**)
  - Service size, available circuit panel schedule, GFCI locations, Arc fault, tamper proof, receptacle spacing, smoke detectors/carbon monoxide detectors