

Mechanical Plan Review Checklist

- Provide Energy Calculations per Chapter 13, FBC Energy Conservation
- Provide heat loads for new systems other than exact change outs
- Provide complete mechanical scope of work on Mechanical application
- Show all new and existing supply and return air ductwork
- Show all new and existing equipment
- Provide tie down details for all equipment exposed to wind
- Provide roof plan with location of all mechanical equipment
- Mechanical plans must be signed and sealed by an engineer if more than 15 ton capacity, 100 or more occupant load or mechanical contract over \$125,000
- Provide rated partition locations
- Provide grease duct riser diagrams
- Provide kitchen equipment layout
- Provide UL information for kitchen hoods and grease exhaust fans
- Provide kitchen hood anchor details
- All Type 1 Grease Hood documents must be signed and sealed by an Engineer
- Provide paint spray booth specifications, UL information, and exhaust and make up air information. Also provide sequence of operations for paint booth and safeties.
- Show smoke detectors in all air handling systems greater than 2000 CFM
- Show all fire damper and smoke damper locations on M floor plan and manufacturer's fire and smoke damper installation details
- Show clothes dryer vent routing
- Show bathroom exhaust fans, CFM information and duct routing