COMMERCIAL MECHANICAL REVIEW CHECKLIST


DATE: ______________ PERMIT: ____________________

_____ Mechanical Contractor on permit

_____ Gas Contractor on permit

_____ Energy calculations / signed by, owner / agent - 103.2.3.2. / FBC ENERGY

_____ Energy calculations signed & sealed by architect / engineer - 103.2.3.1.2 / FBC ENERGY

(Exception: Systems are \( \leq 15 \) tons)

_____ Manual N cooling load calculation - 503.2 / FBC ENERGY

(Exception: Sign, sealed summary sheet provided with plans)

_____ Manual D duct system sizing calculations – 503.2.7.5 / FBC ENERGY

_____ Distribution system test & balancing (conditioned areas > 5,000 sq ft.) - 503.2.9.1 / FBC ENERGY

_____ Duct layout: type duct ___ duct insulation___ installation details___ supports___ turning vanes___ - 103.2.2 / FBC ENERGY

_____ Duct Sizes / Grille sizes ___ - 103.2.2 / FBC ENERGY

_____ Supply & return volumes listed - 103.2.2 / FBC ENERGY

_____ Condensing unit / Air handler located on plans (Keyed to each other) - 103.2.2 / FBC ENERGY

_____ Equipment and Appliance Location- 303 / FMC ______ AH attic Installation prohibited - 503.2.7.6 / FBC ENERGY

_____ RTU anchoring information - 301.12 / FMC

_____ Permanent ladder and approved means of access for RTU’s mounted on buildings exceeding 16’ height - 306.5 / FMC

_____ Condensate disposal - 307 / FMC

_____ Minimum ventilation required - 401.2 / FMC

Natural _____ Mechanical _____ Bathrooms _____ Table 403.3 / FMC

_____ Exhaust Systems - 502.1 / FMC

_____ Kitchen Hood Ventilation system ducts and exhaust- 506 - 507 / FMC

_____ Smoke detection system control (> 2000 cfm’s) - 606.2 / FMC

_____ Fire damper location, type and detail - 607.1 / FMC

_____ Boilers – Chapter 10 / FMC

_____ Refrigeration – Chapter 11 / FMC

_____ Design Flood Elevation – Chapter 11 / FMC

Revised: 02/01/2018
_____ GAS PLAN:
   Type Gas ____ Working Pressure ____ Appliance BTU Demand ____ Type pipe ____ Total Developed Length ____

_____ Venting

_____ Combustion Air – Chap. 7 / FMC

_____ Chimneys and Vents

_____ Appliances

_____ Type of Gas

_____ Fireplaces

_____ LP Tank Location

_____ Riser Diagram / Shutoffs

_____ Design Flood Elevation

Revised: 02/01/2018