

COUNTY OF SUMMIT, OHIO

Ilene Shapiro, Executive

Building Standards Division · buildingstandards.summitoh.net

1030 East Tallmadge Avenue · Akron, Ohio 44310 · 330.630.7280 · fax 330.630.7296

COMMERCIAL PLAN REVIEW SUBMITTAL CHECKLIST:

SUBMIT "2" COMPLETE SETS for BUILDING PLAN REVIEW:

CONTACT the LOCAL ZONING ADMINSTRATOR FOR SPECIFIC SITE REVIEW PROCESS

- Completed commercial plan review application form
- Correct project address (verify with local zoning department) and zoning certificate
- Permanent parcel number

SITE PLAN:

- Topographic site plan; indicating elevations and finish grade (minimum legible scale)
- Include all property lines, building locations and easements for the entire parcel

ARCHITECTURAL / STRUCTURAL DRAWINGS SHALL INCLUDE THE FOLLOWING:

- Code data including; construction type, use group(s), mixed use(s) and separation ratings
- Soil bearing; geo-technical analysis and report (**42" local frost depth**)
- Truss documents shall be "**sealed**" and include all bracing requirements and details
- General specifications / structural design parameters / designed live and dead loads
- Details of all rated assemblies
- Fire separation assemblies / fire resistance ratings
- Door hardware function
- Fire-stopping and penetration details; include UL design / manufacturer
- Means of egress and all associated components; door sizes, widths, emergency / exit lighting
- Occupant load; square footage method and circulation details (gross and net calculations)
- Design professional of record shall provide statement of special inspections

MECHANICAL, ELECTRICAL and PLUMBING PLAN REVIEW:

- Electrical one-line diagram; overcurrent protection, wire size, disconnects and grounding
- Complete plumbing documents; include drain, waste and vent pipe sizing and location
- Complete mechanical specifications; outdoor ventilation air requirements, duct sizing
- Kitchen hood submittals; size; type of hood; supports; cleanouts; exhaust / make-up Air
- Details and discharge locations, duct wrap materials; UL 300 compliance; flow points

FIRE ALARM and FIRE SUPPRESSION PLAN REVIEW:

- Fire alarm system details; battery and voltage drop calculations, device locations & listings
- Complete suppression documents; pipe sizes and fire department connection
- Equipment specifications; completed water flow test (within the previous year)
- Design calculations; thrust blocking details, full forward flow test of backflow device

ACCESSIBILITY PLAN REVIEW:

- Accessible route; include areas of rescue assistance
- General site and building elements (parking spaces, clearances, access aisles and signage)
- Complete accessibility details; equipment specifications; tactile signage locations
- Provide 5' x 5' minimal dimensioned frost slab at all means of egress door locations

ENERGY PLAN REVIEW:

- Design criteria
- Interior / exterior envelope design: including mechanical and lighting systems
- Complete energy documentation and calculations
- Submission of energy code calculation report. Additional information: www.energycodes.gov

City of Akron projects: Summit County Building Standards now provides commercial site inspections for all projects that include site improvements located within the City. Upon approval by the City, our office will issue a site improvement permit and provide field inspections based on the approved construction documents.

Additional County Department; Contact Numbers:

County of Summit, Department of Environmental Services (DOES) 330.926.2400 (sewer)

County of Summit, GIS Department 330.643.7440

County of Summit, Health Department 330.923.4891

Summit Soil and Water Conservation 330.929.2871

General Notes:

Food service operators shall contact the local sewer purveyor and health departments regarding local grease disposal programs. Fats, oils and grease (FOG).

Christopher Randles, CBO

Christopher Randles
Chief Building Official