

## UCC Commercial Plan Review Checklist “Condensed”

- |                              |                              |   |
|------------------------------|------------------------------|---|
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Please list the I-code editions used for design for all disciplines as adopted by the UCC. <a href="https://www.dli.pa.gov/ucc/pages/default.aspx">https://www.dli.pa.gov/ucc/pages/default.aspx</a>  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | A site plan or vicinity (site location) map.  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Show the correct street address, parcel number and required municipal zoning (if there is local zoning ordinance) on the site plans.  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Show all accessible parking spaces and signage per ICC/ANSI A117.1 and the <i>International Building Code</i> on site plan.   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Show accessible curb cuts, ramps and access ways to the building.   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Show all required parking and loading spaces and calculations.  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Show architectural floor plans of each floor. These pages must be at least 18" x 24" in size (but not more than 36" x 42"), drawn to a scale of not less than 1/8" = 1'. Indicate (or reproduce) the approved, tested hourly rating, number and location of all rated members and assemblies (walls, columns, beams, floor and ceiling, and ceiling and roof fire-rated design assemblies). Show all fire-rated walls (both existing and new) with their ratings, if not shown elsewhere. <b>Drawings submitted without required fire-rated walls shown will be rejected.</b> |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Show the square footage of each floor on the corresponding floor plans.   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Provide on the drawings the calculations for the means of egress widths for the entire floor occupancy load and the existing capacity of all exits including all stairs, doors, corridors and ramped exits. Include a complete egress route with travel distances and if applicable the accessible means of egress.   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Show foundation plans indicating the proposed slab elevations and type of foundation (i.e., mat foundation, caissons, spread footings, etc.).   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Indicate the thickness of the floor slab, size of reinforcing, slab elevations, and type and details of foundations.  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Indicate location, size and amount of reinforcing steel.  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Provide strength of concrete according to designed soil reports.  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> N/A | Indicate design dead and live, wind, snow, seismic loads for floor areas, roofs, balconies, porches, breezeways, corridors, stairs, mezzanines and platforms.   |

**FIRE PROTECTION PLANS:**  N/A

Yes  N/A A complete sprinkler design data sheet and include it on the first plan of the sprinkler drawings.

Yes  N/A Show floor plans for each floor with sprinkler piping layout, pipe sizes, pipe hanger details, piping materials, doors, walls and room identities. Often, these shop drawings are not available at the time of initial plan submission:

- These shop drawings must be submitted for review and approval **at least two weeks before the projected installation date. You must note this requirement prominently on the plan code analysis**

**sheet !!**

**PLUMBING PLANS**

Show interceptors as applicable to project and size by flow rate. (i.e., grease, oil, lint, acid, sand).

Provide plumbing plan layouts for each floor. These should show the water distribution and drain-waste-vent piping, and all details, notes, legends, and schedules necessary to define the system being installed.

Show the location of all major components required for a complete system. Provide fixture and equipment schedule showing fixture number, detailed description, hot water, cold water, waste and vent connection sizes and other pertinent data.

Identify all fixtures on floor plans and in riser diagrams with the plumbing fixture schedule number.

**MECHANICAL PLANS**

Show all required wall louvers, penetrations and fans.

Indicate roof-mounted equipment locations.

Show all mechanical equipment, piping, ductwork (above/below slab) on the mechanical floor and/or roof plan.

Provide mechanical plans for each floor and the roof. These shall show the ductwork layouts, schedules, notes, legends, piping schematics, and details necessary to define the system being installed.

Indicate the location of all equipment components required for a complete system.

**ELECTRICAL PLANS**

Provide panel schedules with circuit and feeder loading, overcurrent protection, and NEC load summaries for all new and/or affected panels and services.

Provide a single line riser diagram showing all new and/or affected services, feeders, wire sizes and insulation types, and conduit sizes and types. Include ALL NEC grounding/bonding requirements.

Show wiring method(s), conduit sizes and types, termination temperature (60, 75, 90) requirements, conductor sizes and insulation types.

**PLEASE NOTE:** This is a condensed list of the information required for ALL commercial UCC permits. The complete list can be found here:

<https://www.dli.pa.gov/Individuals/Labor-Management-Relations/bois/Documents/UCC/ucc-2.pdf>