



— EST. 2007 —  
**APPROVED CODE**  
SERVICES

## VIII. Plumbing Plan Review - Required Information from PA L&I Form UCC2

- Sheet # \_\_\_\_ N/A a. Show a site utilities plan, if not provided with the civil drawings.  
\_\_\_\_ 1. Show the domestic water, fire, and irrigation services.  
\_\_\_\_ 2. Show the location of water meters, backflow protection type and location.  
\_\_\_\_ 3. Show the sanitary sewer service from building to public sewer or approved private sewage disposal system.
- Sheet # \_\_\_\_ N/A b. Show interceptors as applicable to project and size by flow rate. (i.e., grease, oil, lint, acid, sand).
- Sheet # \_\_\_\_ N/A c. 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.
- Sheet # \_\_\_\_ N/A d. Show the location of all major components required for a complete system.
- Sheet # \_\_\_\_ N/A e. Provide fixture and equipment schedule showing fixture number, detailed description hot, water, cold water, waste and vent connection sizes and other pertinent data
- Sheet # \_\_\_\_ N/A f. Identify all fixtures on floor plans and in riser diagrams with the plumbing fixture schedule number.
- Sheet # \_\_\_\_ N/A g. Supply and Waste/Vent piping shall be shown on the floor plans. All pipe sizes shall be clearly shown. In congested areas (e.g., restaurants, grocery stores, etc.), isometrics are required.
- Sheet # \_\_\_\_ N/A h. On buildings two stories and above, provide isometric diagrams and/or schematic riser diagrams for Supply and Waste/Vent piping and identify the risers by number (e.g., R1, R2, etc.). Show where all riser base terminations connect to the building drain, along with all interconnected piping on each floor plan. All pipe sizes shall be clearly defined.
- Sheet # \_\_\_\_ N/A i. Show the water, sanitary drain-waste-vent piping and storm leaders/drains. Indicate sizes and materials for above/below grade.
- Sheet # \_\_\_\_ N/A j. Show slope of horizontal sanitary and storm drains that equal or exceed 3" diameter, if less than 1/8" per foot.
- Sheet # \_\_\_\_ N/A k. Indicate roof drains and emergency roof drains/scuppers with the areas they impact. Note that "emergency" = "secondary" = "overflow," see following roof drainage examples: Roof Drain - 6" RD (16880 SF) Emergency Roof Drain - 6" ERD (8180 SF) Parapet Wall Scupper - 8" x 5" WS (4000 SF) Emergency Scupper - 8" x 7" ES (4200 SF)
- Sheet # \_\_\_\_ N/A l. Show toilet room layouts with minimum of ¼ " = 1 foot scale
- Sheet # \_\_\_\_ N/A m. Show drinking fountain locations.
- Sheet # \_\_\_\_ N/A n. All penetrations of fire-rated construction must be per manufacturer's details. The details shall meet or exceed rating of construction being penetrated. The penetration details shall be exactly as tested by an approved testing laboratory or agency and shall include their system numbers.
- Sheet # \_\_\_\_ N/A o. Room names and numbers for each floor should be on a floor plan for each level
- Sheet # \_\_\_\_ N/A p. Provide minimum facilities calculations.