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Requirements for plan drawings.

- (A) Plan drawings shall conform to the following:
- (1) Be legible prints suitable for reproduction by photocopy or other means.
 - (2) Show the names of the owner and of the person responsible for design of the project, including their signature indicating approval of the project.
 - (3) Be issued in a manner consistent with section 4733.14 of the Revised Code by a registered professional engineer when required by paragraph (B) or (C) of this rule.
 - (4) Contain a suitable title for the project.
 - (5) Include a site map showing the location of the project with reference to highways, streets, corporate boundaries and local physical landmarks.
 - (6) Be drawn to scale and if not drawn to scale, must be dimensioned.
 - (7) Indicate north.
 - (8) Include relevant elevations.
 - (9) Show existing water supply facilities that are relevant to the proposed project, if any, and the relationship of the proposed project to these existing facilities.
 - (10) Show the locations of sewer lines and other potential sources of contamination in the area of the proposed project in plan and profile views.
 - (11) Provide dimensions of all structures, facilities and other relevant features.
 - (12) When the project includes treatment facilities, provide a treatment process schematic and hydraulic flow schematics.
- (B) The following types of plans required pursuant to rule 3745-91-02 of the Administrative Code shall be prepared by a registered professional engineer and issued in a manner consistent with section 4733.14 of the Revised Code:
- (1) Plans involving the expenditure of public funds in excess of five thousand dollars.
 - (2) Plans for the removal, inactivation or chemical treatment of a health-based contaminant.
 - (3) Plans for chemical feed systems that pose a safety risk, such as gaseous chlorine, fluoride or sodium hydroxide.
 - (4) Plans for change or modification of coagulant feed systems at surface water treatment plants.
 - (5) Plans for small systems that are not within the scope of the Ohio environmental

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- protection agency's "Guidelines for Design of Small Public Water Systems" ~~(2014)~~[2015](#).
- (6) Plans for community water system line extensions costing more than five thousand dollars.
 - (7) Plans for elevated back-wash storage tanks.
 - (8) Plans for booster pumping stations.
 - (9) Plans for on-ground or in-ground water storage tanks with a capacity greater than fifty thousand gallons located at water treatment plants.
 - (10) Plans for all distribution storage tanks.
 - (11) General plans for community water systems and noncommunity water systems that are not within the scope of the Ohio environmental protection agency's "Guidelines for Design of Small Public Water Systems" ~~(2014)~~[2015](#).
- (C) In addition to the specific types of plans in paragraph (B) of this rule, the director may require other plans to be prepared and issued in a manner consistent with section 4733.14 of the Revised Code by a registered professional engineer to protect the public welfare or to safeguard life, health or property.
- (D) The director may require a demonstration of knowledge and experience by the designer for projects containing a high degree of complexity, non-standard technology, unusual features or deviations from standards and guidelines used by the agency.
- (E) The following types of plans required pursuant to rule 3745-91-02 of the Administrative Code may be prepared by a qualified individual knowledgeable in the field or scope of project other than a registered professional engineer unless ~~they~~[the plans](#) involve the expenditure of public funds in excess of five thousand dollars:
- (1) Plans for new wells.
 - (2) Plans for chemical feed systems at ground water treatment plants other than plans for gaseous chlorine, fluoride or sodium hydroxide feed systems.
 - (3) Plans for small noncommunity systems that are within the scope of the Ohio environmental protection agency's "Guidelines for Design of Small Public Water Systems" (2014).
 - (4) Plans within the scope of the Ohio environmental protection agency's "Guidelines for Design of Small Public Water Systems" ~~(2014)~~[2015](#) for water treatment systems for community water systems with a capacity of fifty thousand gallons per day or less.
 - (5) Plans for emergency generators.

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- (6) Plans for deactivation of a water treatment plant.
- (7) Plans for pre-engineered on-ground or in-ground water storage tanks with a capacity of fifty thousand gallons or less located at water treatment plants.
- (8) Non-required treatment systems that will have no discernable effect.
- (9) Lead and copper corrosion control studies and recommendations.

[This rule references the "Guidelines for Design of Small Public Water Systems" fourth edition, issued ~~2014~~[2015](#). This document is available from "Ohio EPA, Lazarus Government Center, 50 West Town Street, Suite 700, Columbus, OH 43215, (614) 644-2752." A copy may also be obtained online at www.epa.ohio.gov/ddagw.]