

WAC 332-130-112 (Proposed)

Topographic map requirements.

The following requirements shall apply to topographic mapping surveys. Such requirements should be considered minimum only. The professional surveyor will determine what precision and accuracy are expected to be utilized for topographic mapping services necessitating various levels of accuracy. Negotiation, requests and contractual requirements with clients, jurisdictions or other professionals will determine the specifics and quality of the vertical information provided.

The following elements shall be included on every survey map that has topographic information.

- 1) Graphic information.
 - a) North arrow.
 - b) Scale Bar.
 - c) Legend of symbols used.
 - d) Company and land surveyor contact information.
 - e) Seal and Signature of land surveyor.
- 2) Statements of clarification of vertical information shown on mapping.
 - a) Vertical datum used.
 - b) Purpose or intended use of topographic mapping (if relevant).
 - c) Basis of elevations citing benchmark(s) used with elevation(s).
 - d) Source of Contours.
 - e) Sufficient labeling to determine contour interval(s).
 - f) Project bench marks established (if any).
 - g) Statement of elevations and contour accuracy.
- 3) Boundary information (if shown).
 - a) Source and acknowledgement of boundary lines.
 - b) Statement of how boundaries were derived relative to the topography.
- 4) Underground Utilities information (if shown).
 - a) Source of surface markings (if any).
 - b) Statement of accuracy of utility line depiction.
 - c) Notification if utility line not exposed or marked for location purposes.
 - d) Statement of underground utility depiction purpose and limitations of use.



PREPROPOSAL STATEMENT OF INQUIRY

CR-101 (June 2004)
(Implements RCW 34.05.310)
Do NOT use for expedited rule making

Agency: Department of Natural Resources

Subject of possible rule making: Topographic Map Requirements

Statutes authorizing the agency to adopt rules on this subject: RCW 58.24.040(1)

Reasons why rules on this subject may be needed and what they might accomplish: Topographic surveys and the maps produced to document and display the results are a product of professional land surveying practice separate from boundary surveys. Our intention in drafting the proposed WAC is to provide a standard for a topographic map that can stand on its own apart from boundary standards. It may be that maps produced by a professional land surveyor will have some elements of several or all of the different types of surveys. The proposed standards are specifically for topographic maps.

Identify other federal and state agencies that regulate this subject and the process coordinating the rule with these agencies:

Washington Department of Licensing, Board of Registration for Engineers and Land Surveyors. The rules developed and adopted by DNR are used by the Board of Registration to monitor professional practice and cases of discipline.

Process for developing new rule (check all that apply):

- Negotiated rule making
- Pilot rule making
- Agency study
- Other (describe) Full Rule-Making Process, Notification via ListServ, email to stakeholders, and hearings

How interested parties can participate in the decision to adopt the new rule and formulation of the proposed rule before publication:

(List names, addresses, telephone, fax numbers, and e-mail of persons to contact; describe meetings, other exchanges of information, etc.)

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WAC hearings are planned for Vancouver, Spokane and Seattle.

DATE

5/12/17

NAME (TYPE OR PRINT)

ANGUS W. BRODIE

SIGNATURE

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TITLE

DEPUTY SUPERVISOR FOR STATE UPLANDS

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