

CHAIRMAN

Floyd R. Stiles
Box 63
Kingwood 26537

MEMBER

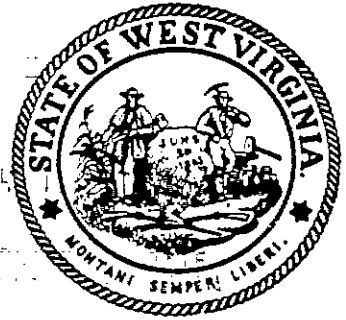
M. S. Holt, Jr.
Box 301
Weston 26452

SECRETARY

F. Henry Sipe
1404 Harrison Ave.
Elkins 26241

WEST VIRGINIA

STATE BOARD OF EXAMINERS OF LAND SURVEYORS



June 3, 1976

Hon. James R. McCartney,
Secretary of State,
State of West Virginia,
State Capitol,
Charleston, West Virginia 25305

Dear Mr. McCartney,

Enclosed are two copies of the first revisions of rules and regulations promulgated by the State Board of Examiners of Land Surveyors which was created by Chapter 30, Article 13A, Section 3(a) of the West Virginia Code.

These revisions are promulgated under the authority of Chapter 30 Article 13A Section 4(a) of the West Virginia Code, and relate to the administration of Chapter 30 Article 13A et seq., of the West Virginia Code, which was enacted by the Legislature in 1969.

We desire these revisions to be processed under the provisions of the present law rather than House Bill 1257 which becomes effective June 7, 1976.

I hereby certify that the attached rules and regulations are true and accurate copies of official rules and regulations adopted by the Board on June 3, 1976.

The items to be deleted are lined through and the new items are underlined. It is immaterial whether the underlined headings are left in regulation 8.12 as they are currently.

If I can help in this matter please call.

Respectfully,

FILED IN THE OFFICE OF
SECRETARY OF STATE OF
WEST VIRGINIA

F. Henry Sipe
F. Henry Sipe
Secretary & Member of
the Board of Examiners
of Land Surveyors

THIS DATE

6/4/76

6/4/76

WEST VIRGINIA ADMINISTRATIVE REGULATIONS
State Board of Examiners of Land Surveyors

FILED IN THE OFFICE OF
SECRETARY OF STATE OF
WEST VIRGINIA

Chapter 30-13A
Series II
(1976)

THIS DATE 6/4/76

SUBJECT: RULES AND REGULATION FOR THE PRACTICE OF LAND SURVEYING IN
WEST VIRGINIA

SECTION 1. General.

1.03. Filing Date. These ^{Rules and} Regulations were filed in the Office
of the Secretary of State on the 4th day of June, 1976.

1.04. Effective Date. These Regulations became effective on the
_____ day of _____ 1976.

SECTION 6. Accredited Surveying Curricula.

6.11. Calculations. Latitude, departure, DMD's, coordinates,
areas. Balancing surveys, latitudes and departures, errors of closure.
Calculating equipment.

SECTION 7. Unethical Practices.

7.01. Signing or affixing ~~his~~ a seal to any document prepared by
persons who are not ~~his~~ employees or who are not under ~~his~~ supervision
of the licensee as defined in Chapter 30, Article 13A, Section 5 of
the West Virginia Code.

7.03. Associating ~~himself~~ with any survey project known ~~to him~~
by the licensee to be fraudulent or dishonest in character.

7.04. Failing to exercise due regard for the safety of persons
under ~~his~~ supervision of the licensee.

SECTION 8. Field and Office Techniques.

8.02. Examine, to a reasonable limit, the survey data essential
to performing the work, including laps, gaps, seniority, and errors.
The surveyor shall study and give due weight to descriptions and other
evidence for all properties adjoining or affecting the survey. Records
of such evidence shall be kept on file.

8.03. Inform adjoiners of survey plans, progress and results ~~to
the extent practicable.~~ as fully as possible.

8.04. ~~Make~~ Consider proper calculations for magnetic variation
when retracing lines that have been surveyed before.

8.05. Express final line distances in horizontal terms. If neces-
sary to show surface distances, put in parenthesis, and include the
word "surface".

JHS.

6/4/70

8.06. ~~Express bearings in terms of magnetic or true north, except as stated elsewhere in these rules; be able to determine true meridian by at least one method applicable to the type of survey involved. Bearings of subdivision lines shall be from the true (astronomic) meridian. Bearings of other surveys may be from magnetic or true, but if true, it shall be so stated on the plat and in the description. The surveyor must be able to determine astronomic meridian by at least one suitable method.~~

8.07. New or re-established markers shall be of the most permanent type practicable, and shall be selected or installed so as to be most easily found in future years. Monuments shall be adequately marked, referenced and described. As a minimum, at least one corner shall be referenced to three of the most permanent objects available. No wood stakes shall be left as permanent property markers. In subdivisions, two stone or concrete monuments, not less than 24" long by 6" square or in diameter at the top, with proper centers, shall be set in each block so that all street lines can be reestablished; in addition, iron pipes or equally good markers shall be set at all other outside points of angles, curves and tangents and at any staked lot corners.

8.08. Property lines shall be marked whenever possible. In wooded areas, by two hacks facing each side of the line within general reach of the person who marks. In open areas, markers or monuments should be intervisible.

8.12. Guides for the accuracy of surveys to be striven for are:

CLASS	ERROR OF CLOSURE	THEORETICAL UNCERTAINTY		PRECISION OF MEASUREMENTS		
		foot	mm	BEARINGS	DISTANCES	VERTICAL ANGLES
					foot mm	
Rural	1:1500	1.00	300	5'	0.20 60	15'
City lot	1:5000	0.10	30	1'	0.01 3	05'
Underground	1:5000	0.10	30	1'	0.01 3	02'
Subdivision	1:7500	0.10	30	1'	0.01 3	02'
Commercial	1:10000	0.05	15	2'	0.01 3	01'

SECTION 9. Plats. Plats shall contain the following data:

9.05. ~~Type of corner and reference markers. For city lots, ties to edge or center of three nearest streets. For subdivisions, ties to two markers of each adjoining subdivision and to public triangulation stations in the vicinity if present. Type of markers at corners. Reference markers optional provided they are in the description. For rural surveys, show bearing and distance ties to at least two parent tract corners or significant adjoiner corners. For city lots, show bearing and distance to original markers in the block or to edge of three nearest streets, including half or full street width dimensions, and to other significant property markers. For subdivisions, in addition to those described above, show ties to at least two markers of any adjoining subdivisions and to any public triangulation stations in the vicinity.~~

9.06. ~~For rural and subdivision surveys, the magnetic and true north arrows and the amount and direction of the declination as of the time of the survey. If declination for rural surveys is determined at a place other than at the land surveyed, state place and date. For city lot surveys, show north arrow as on previous plat. For rural~~

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6/4/76

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9.08. Bearings shall be clockwise if practicable. ~~Outside line bearings of subdivisions should be from the true meridian.~~

9.10. Area of the entire tract and of any significant parts. ~~Area of city lots if shown, in square feet.~~ Total subdivision area shall include streets, alleys, and other non-lotted space. Accuracy of area figures shall be consistent with field methods employed.

9.12. Sheet and parcel number of tax map ~~where land is located.~~ for the tract surveyed or of the parent tract whenever practicable.

9.13. ~~Location of land in relation to well known landmark.~~ On rural and subdivision plats, show general location of survey by (1) an insert sketch, or (2) by an arrow and approximate mileage to a landmark, or (3) by latitude and longitude of a specific corner by scaling from a $7\frac{1}{2}$ " quadrangle to the nearest 2 or 3 seconds. City lots are located from three nearest streets.

9.14. ~~Date of survey, being as specific as practicable.~~ Month and year of survey. Show day if desirable.

9.15. Date of plat, ~~if relevant,~~ name, address, signature and seal of the surveyor in charge. Certificates that may be required.

9.16. Comply with metric measurement requirements.

SECTION 10. Descriptions of Rural Surveys.

10.02. The body of the description shall contain: type, size and markings of monuments, and whether found or set; type, size, bearing and distance to reference markers; bearing and length of lines; names of present or former adjoiners at corners or along lines; the point on lines where significant markers or features are located; acreage; name of surveyor in charge; date of survey; and a reference to the accompanying plat. If bearings are from the true (astronomic) meridian, it should be so stated. Show calls in tabular form, starting each new paragraph with the bearing.

SECTION 11. Descriptions of Other Surveys.

11.01 Descriptions of other surveys shall conform to the requirements of the work. ~~Descriptions separate from the plat may not be required for lot and subdivision surveys.~~

SECTION 16. Compensation and Expenses of the Board.

16.01. The Board hereby sets a rate of ~~\$16.00~~ \$24.00 per day or ~~\$2.00~~ \$3.00 per hour for the time of its members while performing official work of the Board.

16.02. The Board hereby sets a rate of ~~8¢~~ 15¢ per mile for the use of its personal vehicles in official travel of Board members.

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WEST VIRGINIA

STATE BOARD OF EXAMINERS OF LAND SURVEYORS

October 13, 1976



Mr. James R. McCartney,
Secretary of State,
State Capitol,
Charleston, WV 25305

Att. Mr. Kent Wakefield

Dear Mr. Wakefield,

In response to Mr. McCartney's letter of October 1 1976, I am sending you herewith a filing form and two copies of our latest and only amendment to our 1969 regulations pertaining to land surveying.

Two copies of the old regulation booklets are also enclosed.

Please note that our amended regulations were described as Series II (1976) whereas the proper heading perhaps should have been Series I (1969) as amended.

Our amended regulations are now being readied for printing, using the heading Series I (1969) as amended.

If that is the incorrect designation, please advise immediately what the correct heading should be, and we will make the change.

If 1969 as amended is correct, perhaps you can change the latest amendment to read correctly.

Respectfully,

F. Henry Sipe
F. Henry Sipe
Secretary



STATE OF WEST VIRGINIA
OFFICE OF THE SECRETARY OF STATE
CHARLESTON 25305

JAMES R. MCCARTNEY
SECRETARY OF STATE

STATE REGISTER FILING

I, F. Henry Sipe, Secretary-Treasurer
Name Title or Position

State Board of Examiners of Land Surveyors hereby submit to record
Department or Division

in the State Register on 8 1/2" x 11" paper two (2) copies of

- () proposed rules and regulations concerning topics or
material not covered by existing rules and regulations;
- () proposed rules and regulations superseding rules and
regulations already on file;
- () a notice of hearing;
- () findings and determinations;
- (X) rules and regulations; or
- () other - specify ().

This filing pertains to

Chapter 30
Article 13A
Series ?
Section various
Page No. 3 pages

October 13, 1976
Date Submitted

F. Henry Sipe
Signature of Person Authorizing this
Filing

OCT. 7 1976

WEST VIRGINIA ADMINISTRATIVE REGULATIONS
State Board of Examiners of Land Surveyors

Chapter 30-13A
Series II
(1976)

SUBJECT: RULES AND REGULATION FOR THE PRACTICE OF LAND SURVEYING IN
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SECTION 1. General.

1.03. Filing Date. These ^{Rules and} Regulations were filed in the Office of the Secretary of State on the 4th day of June, 1976.

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6.11. Calculations. Latitude, departure, DMD's, coordinates, areas. Balancing surveys, latitudes and departures, errors of closure. Calculating equipment.

SECTION 7. Unethical Practices.

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8.03. Inform adjoiners of survey plans, progress and results ~~to the extent practicable.~~ as fully as possible.

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8.05. Express final line distances in horizontal terms. If necessary to show surface distances, put in parenthesis, and include the word "surface".

8.06. ~~Express bearings in terms of magnetic or true north, except as stated elsewhere in these rules; be able to determine true meridian by at least one method applicable to the type of survey involved. Bearings of subdivision lines shall be from the true (astronomic) meridian. Bearings of other surveys may be from magnetic or true, but if true, it shall be so stated on the plat and in the description. The surveyor must be able to determine astronomic meridian by at least one suitable method.~~

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