

**ALBERTA LAND SURVEYORS' ASSOCIATION
PROFESSIONAL EXAMINATIONS
October 2004**

**THE SURVEYING PROFESSION
(Closed Book Exam)**

Mark

Time Limit: 3 hours

1. There are nine articles within the Alberta Land Surveyors' Association's (ALSA) Code of Ethics.
- 18** a) Describe the principles of each of these nine articles (in point format).
- 2** b) With reference to the ALSA Manual of Standard Practice, who has the responsibility to judge whether the Code has been followed or not?
- 4** 2. An Alberta Land Surveyor is involved in expressing an opinion on boundary issues on a day-to-day basis. One example of a typical boundary in use is a monumented boundary (more commonly known as an artificial boundary). Give four examples of different types of boundaries also in use in Alberta.
- 9** 3. An Alberta Land Surveyor is obliged to research and gather sufficient information to render an opinion as to the true position of boundaries. Name three other entities (persons, groups, etc.) that may be involved in rendering an opinion as to the *conclusive* position of boundaries in Alberta and provide reasons as to why (within what process) they would be involved.
- 10** 4. A client has asked you, an Alberta Land Surveyor, to provide a cost proposal for a two-lot subdivision survey at a location 200 kilometres from your professional/business practice. Outline all the cost elements you should be considering when providing this cost proposal, from initial planning application to final titles registration.

[**Note:** it is not necessary to provide actual numbers in your answer]

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3 5. Name three statutes that provide an Alberta Land Surveyor and his assistants the right to enter private properties?

3 What obligations do they have when entering onto a property under each of these legislated privileges?

6 6. In a disciplinary process, an Alberta Land Surveyor could be found guilty in one of two areas (or both, in some instances).

Name these two areas, and describe the difference between the two.

3 7. (a) What is the main purpose of the Manual of Standard Practice (MSP)?

2 (b) Who is responsible to improve the MSP?

2 (c) Which entity (person, group, etc.) has the mandate to maintain the MSP?

3 (d) What process is followed to ensuring that the MSP is maintained and kept current?

6 (e) Discuss whether or not an Alberta Land Surveyor can deviate from the standards specified by the MSP. Substantiate your arguments for and against deviation from standard practice.

15 8. Your former business partner took on a project and then retired from practice after the project had commenced. He left 80% of the project scope to be completed. You are now the sole proprietor of the business practice. Meanwhile, the project has proceeded to the 50% milestone completion, but, due to extraneous circumstances, the office staff and field crews have used up the entire budget. Your limited technical expertise related to this particular project does not allow you to complete it on time, on schedule, or on specification as spelled out in the contractual agreement endorsed by your former partner.

Your client has been anxiously awaiting completion of the work, which is currently 6 weeks past the agreed upon deadline. How would you advise your client? What other course of action would you undertake prior to potentially entering into a litigation process, facing disciplinary action, or other liability consequences?

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9. The following questions pertain to a client request for a land surveyor's digital plan product from the land surveyor's place of previous employment:
- 5 a) Explain whether digital plans from a previous employment should, or should not be released (either by the land surveyor or by the previous employer) and provide the reason for this decision.
 - 3 b) Discuss the land surveyor's, the client's, and the previous employer's ownership rights with respect to the digital plan product.
 - 6 c) Discuss the professional obligations of the land surveyor should there be a difference of opinion as per copyright of the digital plan between the land surveyor and the previous employer.

100 Total

* The End*