

## NOTICE OF WORKSHOP

NOTICE IS HEREBY GIVEN that the Nevada State Board of Professional Engineers and Land Surveyors will hold a workshop to receive public comments on proposed regulation updates to Nevada Administrative Code (NAC) Chapter 625.

The workshop will be conducted on Wednesday, December 6, 2023, at 12:00 PM at the following locations:

1755 E Plumb Lane  
Suite 258  
Reno, NV 89502

241 W Charleston Boulevard  
Suite 130  
Las Vegas, NV 89702

The workshop will be conducted in accordance with NRS 241.020, Nevada's Open Meeting Law.

In lieu of attending in person, participants may join virtually, via Zoom, using the information below:

Join from PC, Mac, Linux, iOS or Android: <https://zoom.us/j/8286438008>

Or iPhone one-tap: +16699006833,,8286438008#

Or Telephone: +1 669 900 6833, Meeting ID: 8286438008.

The purpose of this workshop is to receive public comment on the Board's recommendations as set out in Attachments A and B. Attachment A lists the Board's regulations to be amended. The amendments to the regulations are shown in Attachment B. And, Attachment C is the Small Business Impact Statement (and the Small Business Survey Results).

### AGENDA

1. Call to order
2. Introduction of workshop process
3. Public comment (General public comment on matters within the Board's jurisdiction. May be limited to 5 minutes per speaker.)
4. Public comment on proposed amendments of Nevada Administrative Code chapter 625 as set out in Attachments A and B

The proposed amendments to Chapter 625 of the Nevada Administrative Code will provide for the following:

- 1) Updating code of conduct related to contracts to change requirement of including a project completion date to a schedule
- 2) Update of regulations pertaining to Professional Land Surveyor Standards of Practice to reflect current practices and clarify language

Members of the public may make oral comments on the proposed changes at this meeting. Persons wishing to submit written testimony or documentary evidence may submit the material to the following address:

Nevada State Board of Professional Engineers and Land Surveyors  
1755 East Plumb Lane, Suite 258  
Reno, NV 89502  
[board@boe.state.nv.us](mailto:board@boe.state.nv.us)

A copy of all materials relating to the proposed regulation changes may be obtained on the Board's website at: <https://nvbpels.org/> or by contacting [board@boe.state.nv.us](mailto:board@boe.state.nv.us) or calling (775) 688-1231.

4. Closing public comment. (General public comment on matters within the Board's jurisdiction. May be limited to 5 minutes per speaker.)
5. Adjournment

Members of the public who require special accommodations or assistance at the workshop are required to notify [board@boe.state.nv.us](mailto:board@boe.state.nv.us), or in writing to the Nevada State Board of Professional Engineers and Land Surveyors, 1755 East Plumb Lane, Suite 258, Reno, Nevada, 89502, or by calling (775) 688-1231 at least five (5) working days prior to the date of the public workshop.

A copy of this public workshop notice and supporting materials can be found, and downloaded at Nevada Legislature's web page: <https://www.leg.state.nv.us/App/Notice/A/>, on the Board's website, <https://nvbpels.org/board/meetings/> and at the following location:

Nevada State Board of Professional Engineers and Land Surveyors  
1755 East Plumb Lane, Suite 258  
Reno, NV 89502

This public workshop notice is also posted on the internet at <https://notice.nv.gov>

Copies of this meeting notice/agenda and meeting materials may be obtained by downloading from the Board website: <https://nvbpels.org/>, in person, by mail, or by calling the Nevada State Board of Professional Engineers and Land Surveyors at (775) 688-1231 in Reno, Nevada.

A copy of this notice and proposed regulation amendments has been emailed to all licensees whose email addresses are registered with the Board and emailed to all persons who have requested in writing that they be placed upon a mailing list, which is maintained by the Board for this purpose.

**ATTACHMENTS:**

- Attachment A Listing of Regulations to be Amended
- Attachment B Proposed Amendments to Regulations
- Attachment C Small Business Impact Statement (and the Small Business Survey Results)

## ATTACHMENT A

Regulation		Status
<b>NAC 625.545</b>	Written contract required for each client.	<a href="#">Proposed to Amend</a>
<b>NAC 625.655</b>	Applicability of statutes and regulations.	<a href="#">Proposed to Amend</a>
<b>NAC 625.666</b>	Positional certainty: Horizontal and vertical components of certain land surveys.	<a href="#">Proposed to Amend</a>
<b>NAC 625.670</b>	Required research, identifications, measurements and computations.	<a href="#">Proposed to Amend</a>
<b>NAC 625.680</b>	Disagreements concerning measurements or positions of monumented corners.	<a href="#">Proposed to Amend</a>
<b>NAC 625.700</b>	Report to client of discrepancies concerning boundary lines.	<a href="#">Proposed to Amend</a>
<b>NAC 625.710</b>	Identification and description of monuments.	<a href="#">Proposed to Amend</a>
<b>NAC 625.720</b>	Drawing of survey; certification.	<a href="#">Proposed to Amend</a>
<b>NAC 625.740</b>	Classifications of surveys; use of classifications and requirements for positional certainty.	<a href="#">Proposed to Amend</a>
<b>NAC 625.760</b>	Contract drawings and specifications; special instructions.	<a href="#">Proposed to Amend</a>
<b>NAC 625.770</b>	Verification of location of certain points; notification of insufficient dimensions or details.	<a href="#">Proposed to Amend</a>
<b>NAC 625.775</b>	Positional certainties for marking locations of proposed fixed works.	<a href="#">Proposed to Amend</a>
<b>NAC 625.780</b>	Sketches, cut sheets and field notes.	<a href="#">Proposed to Amend</a>
<b>NAC 625.785</b>	Verification surveys: Exchange of information.	<a href="#">Proposed to Amend</a>
<b>NAC 625.790</b>	Preparation of legal description of property.	<a href="#">Proposed to Amend</a>

## ATTACHMENT B

### Proposed edits to NAC 625.545

The Board believes the term “schedule” is more appropriate than “date”. Often when a contract is drafted, determining a singular date of completion is not possible because of factors outside of a professional’s control i.e. items to be provided by the client or review time periods by public entities. Providing a schedule is more helpful in managing client expectations than solely providing a project completion date. A schedule based on a project scope could be as simple as providing a completion date or could include milestones and deliverable dates including statements related to receiving items needed from parties outside of the professional’s control. An example of simple language for a schedule could be, three weeks after we receive X, we will deliver Y”.

**NAC 625.545 Written contract required for each client.** (NRS 625.140) Before performing any work, a licensee shall enter into a written contract with each client for whom the licensee will perform work. The written contract must include, without limitation:

1. Provisions specifying:
  - (a) The scope of the work;
  - (b) The cost for completion of the work; and
  - (c) The anticipated ~~date~~ *schedule* for completion of the work.
2. A disclosure as to whether the licensee currently maintains a policy of professional liability insurance.

(Added to NAC by Bd. of Professional Eng'rs & Land Surv. by R152-09, eff. 10-15-2010; A by R085-18, 1-30-2019)

## Proposed edits to NAC 625.655

Edits made for clarity, with last sentence removed as it is not necessary.

**NAC 625.655 Applicability of statutes and regulations.** (NRS 625.140, 625.250) When engaging in the practice of land surveying in this State, a professional land surveyor ~~shall~~ *must* apply all applicable statutes and regulations. ~~in addition to the minimum standards of practice for professional land surveyors established in NAC 625.651 to 625.795, inclusive.~~

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92; A by Bd. of Professional Eng'rs & Land Surv., 11-14-97)

## Proposed edits to NAC 625.666

Proposed changes are made to align with current technology and also conform with best practices recommended by NSPS.

### NAC 625.666 Positional certainty: Horizontal and vertical components of certain land surveys. (NRS 625.140, 625.250)

1. *Surveying and mapping accuracy standard must be at the 95 percent confidence level.* The requirements for positional certainty for the horizontal component of land boundary, ~~topographic, control and geodetic~~ surveys are as follows:

Type of Survey	Positional Certainty	
	Meters	U.S. Survey Feet
Land Boundary Surveys		
High Urban.....	±0.02 m	±0.05/10 ft
Low Urban.....	±0.04 m	±0.15 ft
Suburban.....		±0.15 ft
High Rural.....	±0.1 m	±0.3 ft
Low Rural.....	±0.15 m	±0.5 ft
Control and Geodetic Surveys		
— Precise Measurement Studies.....	±0.001 m to ±0.01 m	±0.002 ft to ±0.03 ft
— State Network.....	±0.02 m	±0.05 ft
— County Network.....	±0.04 m	±0.15 ft
— Local Network.....	±0.06 m	±0.2 ft
— Photogrammetric Control.....	±0.06 m to ±1 m	±0.2 ft to ±3 ft
Topographic Surveys		
— Engineering Design Surveys.....	±0.01 m to ±0.1 m	±0.03 ft to ±0.3 ft
— Planning Study Surveys.....	±0.02 m to ±0.05 m	±0.05 ft to ±0.15 ft
— Utilities Mapping.....	±0.15 m	±0.5 ft
— Feature Mapping.....	±0.3 m	±1 ft
— Resource Mapping.....	±0.5 m to ±100 m	±1.5 ft to ±330 ft

2. The requirements for positional certainty for the vertical component of land boundary, ~~control, geodetic and topographic~~ surveys are as follows:

Type of Survey	Positional Certainty	
	Meters	U.S. Survey Feet
Land Boundary Surveys.....	±0.05 m	±0.15 ft
— Control and Geodetic Surveys	-	-
— Other Than	-	-
— Photogrammetric Control	-	-
— Surveys.....	±0.005 m to ±0.03 m	±0.02 ft to ±0.1 ft
-	-	-
— Photogrammetric Control	-	-
— Surveys.....	±0.03 m to ±0.5 m	±0.1 ft to ±1.5 ft
-	-	-
— Topographic Surveys.....	National Map Accuracy Standards	

3. ~~For the purposes of this section, the National Map Accuracy Standards, as they existed on November 14, 1997, are hereby adopted by reference. A copy of the National Map Accuracy Standards may be obtained from the United States Geological Survey, Department of the Interior, 12201 Sunrise Valley Drive, Reston, Virginia 20192, at no cost.~~ *Positional requirements as stated in section 1 and 2 above, must not be confused with the acceptance or rejection of existing controlling monuments for boundary determination.*

4. *For control surveys, the surveyor must document the horizontal and vertical datum, the coordinate system, as well as the reference points used to establish the control network, for boundary, topographic or construction surveys.*

5. *For topographic surveys that are intended to show the contour of the earth's surface, and/or the position of fixed objects, the surveyor must select the equipment and procedures to obtain the horizontal and vertical positional accuracy appropriate for the project. Typically, the positional accuracy will align with industry standards.*

6. *The documentation for the level of precision and positional accuracy must be included with any deliverable survey product, map, plat or survey. The level of precision and positional accuracy requirements must be included in the contract scope of work for the project.*

(Added to NAC by Bd. of Professional Eng'rs & Land Surv., eff. 11-14-97)

DRAFT

## Proposed edits to NAC 625.670

Based on feedback from reviewing entities, proposed text expands detail of the minimum requirements for land boundary surveys.

**NAC 625.670 Required research, identifications, measurements and computations.** (NRS 625.140, 625.250) In conducting a land boundary survey, a professional land surveyor ~~shall~~ *must*:

1. Search pertinent documents, including, but not limited to, maps, deeds, title reports, title opinions and the records of the U.S. Public Land Survey System.
2. Thoroughly examine the information and data acquired, *and consider relationships and details such as:*
  - (a) Junior/senior property rights;*
  - (b) Retracement of the original survey;*
  - (c) Evidence provided by existing records; and*
  - (d) Proper application of the hierarchy of calls and the order of importance or priority of conflicting calls.*
3. Diligently search for and identify monuments and other physical evidence, including, *but not limited to, evidence of easements, physical occupation lines, and possible observed encroachments*, which could affect the location of the boundaries of the property being surveyed.
4. Conduct field measurements necessary to relate adequately the position of all apparent evidence pertinent to the boundaries of the property being surveyed.
5. Make computations to verify the correctness of field data acquired and confirm that results of measurements are within acceptable limits of tolerance. Computations must be made to determine the relative positions of all found evidence. *When a material discrepancy is found between the record and measured information, the measured information must be shown on the survey map in addition to all the pertinent record information.*

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92; A by Bd. of Professional Eng'rs & Land Surv., 11-14-97)



## Proposed edits to NAC 625.680

Edit for clarity, changing “shall” to “must”.

**NAC 625.680 Disagreements concerning measurements or positions of monumented corners.** (NRS 625.140, 625.250) If a professional land surveyor has a material disagreement with the measurements or monumented corner positions of another land surveyor, the professional land surveyor ~~shall~~ *must* contact the other land surveyor and attempt to resolve the disagreement.

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92)

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## Proposed edits to NAC 625.700

Edit for clarity, changing “shall” to “must”.

**NAC 625.700 Report to client of discrepancies concerning boundary lines.** (NRS 625.140, 625.250) The professional land surveyor ~~shall~~ *must*:

1. Advise his or her client of discrepancies which raise doubts concerning the boundary lines of the property being surveyed; and
2. Provide a written report to the client concerning the discrepancies.

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92)

## Proposed edits to NAC 625.710

Committee recommends edit to cite reference to NRS 625.350 and NRS 625.380 in the regulation header.

### **NAC 625.710 Identification and description of monuments.** (NRS 625.140, 625.250, [625.350](#), [625.380](#))

1. All monuments, whether set or found, must be thoroughly described and specifically identified as set or found, whenever shown on maps or referred to in documents prepared by a professional land surveyor. Descriptions of monuments must be sufficient in detail to facilitate readily future recovery and to enable positive identification, including map references.
  2. If the Nevada Coordinate System, as defined in chapter 327 of NRS, is used to describe a monument:
    - (a) The control used as the coordinate basis must be shown on any maps on which the monument is shown or documents in which reference is made to the monument; and
    - (b) The source of the control data used must be described.
- (Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92; A by Bd. of Professional Eng'rs & Land

The proposed statutes to be cited in NAC 625.710 are shown below for reference

### **NRS 625.350 Record of survey: Form and contents.**

1. A record of survey must be a map legibly drawn in waterproof ink on tracing cloth or produced by the use of other materials of a permanent nature generally used for that purpose in the engineering profession. The size of each sheet must be 24 by 32 inches. A marginal line must be drawn completely around each sheet, leaving an entirely blank margin of 1 inch at the top, bottom and right edges, and 2 inches at the left edge along the 24-inch dimension.
2. A record of survey must show:
  - (a) All monuments found, set, reset or replaced, describing their kind, size and location and giving other data relating thereto.
  - (b) Bearing or witness monuments, the basis of bearings, bearing and length of lines and the scale of the map.
  - (c) The name and legal description of the tract in which the survey is located and any ties to adjoining tracts.
  - (d) The tie to the control network maintained by the National Geodetic Survey of the National Oceanic and Atmospheric Administration, if points of the network are established in the area in which the survey is made.
  - (e) A memorandum of oaths, if any.
  - (f) The signature and validated stamp of the surveyor who performed the survey.
  - (g) A certificate prepared by the surveyor indicating:
    - (1) The person or entity for whom the survey was performed;
    - (2) The general vicinity of the property being surveyed;
    - (3) The date the survey was completed;
    - (4) Whether monuments were found or set and, if so, their character and location as shown; and
    - (5) Any other pertinent information.
  - (h) Any other data necessary for the interpretation of the various items and locations of the points, lines and areas shown.
3. If the land surveyed is described in terms of area, the record of the survey must show the area of the land surveyed in the following manner:
  - (a) In acres, calculated to the nearest one-hundredth of an acre, if the area is 2 acres or more; or
  - (b) In square feet, if the area is less than 2 acres.
4. As used in this section, "control network" means a system of coordinates that defines latitude, longitude, height, scale, gravity and orientation throughout the United States.  
[Part 15:198:1919; added 1947, 797; A 1949, 639; 1953, 196; 1955, 391]—(NRS A 1960, 138; 1985, 899, 1691; 1993, 1195; 1997, 1048)

### **NRS 625.380 Requirements for monuments.**

1. Except as otherwise provided in subsection 3, monuments set must be sufficient in number and durability and efficiently placed so as not to be readily disturbed to ensure, together with monuments already existing, the perpetuation of facile re-establishment of any point or line of the survey.
2. Any monument set by a professional land surveyor to mark or reference a point on a property or boundary line must be permanently and visibly marked or tagged with the number of the license of the professional land surveyor setting it, each number to be preceded by the letters "P.L.S."
3. Except as otherwise provided in subsection 4, if a monument cannot be set or reset because of steep terrain, water, marsh or existing structures, or if it would be obliterated as a result of construction or maintenance of any highway under the jurisdiction of the Department of Transportation, one or more reference monuments, as defined in NRS 329.120, must be set. In addition to the requirements for a monument set forth in subsections 1 and 2, the letters "RM" must be stamped in the tablet, disc or cap of the reference monument. One reference monument may be used if it is set on the actual line or a prolongation thereof. In all other cases, at least two reference monuments must be used. If the reference monuments do not appear on a record of survey filed in accordance with the provisions of NRS 625.340 to 625.380, inclusive, a corner record must be filed pursuant to chapter 329 of NRS.
4. The provisions of subsection 3 do not apply if federal law prohibits the destruction or removal of a monument.  
[Part 15:198:1919; added 1947, 797; A 1949, 639; 1953, 196; 1955, 391]—(NRS A 1989, 786; 1997, 1049; 1999, 963)

## Proposed edits to NAC 625.720

Based on feedback from reviewing entities, proposed text expands detail of the minimum requirements for drawing of a survey.

### NAC 625.720 Drawing of survey; certification. (NRS 625.140, 625.250, 625.350)

1. *When A a professional land surveyor shall prepares a scaled drawing of the a survey for presentation to the a client, The drawing must comply with the provisions of NRS 625.340, 625.350 and 625.565. The map must be clearly and legibly drawn in a manner typically used for creating permanent records. The scale of the map must be large enough to clearly show details. The map must include required statutory and regulatory information, and at a minimum, the following:*

- a) A scale, legend, and a north arrow;*
- b) Each sheet of the map must indicate its particular number, the total number of sheets in the map and its relation to each adjoining sheet;*
- c) All recorded, measured, mathematical information, and necessary data to locate all monuments and to locate and retrace all interior and exterior boundary lines appearing thereon, including the bearings and distances of straight lines, central angle, radii and arc length for all curves and such information as may be necessary to determine the location of the centers of curves; and*
- d) A narrative on boundary analysis when the clarity is needed to support statement of fact.*

2. In cases where a certification is required by statute or local ordinance, the professional land surveyor shall certify only those matters personally known to be true.

3. The certificate *for a Record of Survey* must be in the following form:

#### SURVEYOR'S CERTIFICATE

I, ..... (name of professional land surveyor), a Professional Land Surveyor registered in the State of Nevada, certify that:

1. This plat represents the results of a survey conducted under my supervision at the instance of ..... (owner, trustee, etc.).
2. The land surveyed lies within ..... (section, township, range, meridian, county and city, if incorporated), and the survey was completed on ..... (date).
3. This plat complies with applicable statutes of this State and any local ordinances in effect on the date that the survey was completed, and the survey was conducted in accordance with chapter 625 of the Nevada Administrative Code.
4. The monuments depicted on the plat are of the character shown, occupy the positions indicated and are of sufficient durability.
5. (Any other information that the professional land surveyor personally knows to be true concerning the land surveyed.)

(Validated seal of the professional land surveyor);

(Name and license number of the professional land surveyor printed below the seal).

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92; A by Bd. of Professional Eng'rs & Land Surv., 11-14-97)

## Proposed edits to NAC 625.740

Recommendation to adopt the NSPS standard for classification of surveys – and also to move/re-number regulation to NAC 625.665 to have it precede positional certainty requirements.

NAC 625.665~~740~~ Classifications of surveys; use of classifications and requirements for positional certainty. (NRS 625.140, 625.250)

1. Boundary surveys have been divided into the following ~~four~~ *three* classifications:
  - (a) ~~High~~ Urban. *Urban* Ssurveys *are performed ofon* land lying within or adjoining a city or town, ~~and including include surveys of~~ commercial and industrial properties, condominiums, townhouses, apartments, and other multiunit developments, regardless of geographic location. *All Land Title Surveys are included in this classification.*
  - (b) ~~Low-Urban Suburban~~. *Suburban* Ssurveys *are performed ofon* land lying outside ~~high~~ urban areas and ~~used almost exclusively developed~~ for single family residential use. ~~or residential subdivisions.~~
  - (c) ~~High~~ Rural. *Rural* Ssurveys *are performed ofon* ~~land such as farms and other~~ undeveloped land lying outside the ~~low~~ urban and *suburban* areas ~~which may have potential for future development such as farms.~~
  - ~~—(d) Low Rural. Surveys of land normally lying in remote areas with difficult or barren terrain and which usually have limited potential for development.~~

2. A professional land surveyor ~~shall~~ *must* use the classifications described in subsection 1 and the requirements for positional certainty for those classifications prescribed in NAC 625.666 to establish the locations of monuments in a boundary survey.

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A by Bd. of Professional Eng'rs & Land Surv., 11-14-97)

## Proposed edits to NAC 625.760

Edit for clarity, changing “shall” to “must”.

**NAC 625.760 Contract drawings and specifications; special instructions.** (NRS 625.140, 625.250) Before beginning a construction survey, a professional land surveyor ~~shall~~ *must* obtain from the owner’s representative a complete set of the contract drawings and specifications approved by the appropriate federal, state and local agencies and any special instructions for the proposed fixed works.

(Added to NAC by Bd. of Professional Eng’rs & Land Surv., eff. 11-14-97)

DRAFT

## Proposed edits to NAC 625.770

Edit for clarity, changing “shall” to “must”.

### **NAC 625.770 Verification of location of certain points; notification of insufficient dimensions or details.** (NRS 625.140, 625.250)

1. A professional land surveyor who is conducting a construction survey ~~shall~~ *must* ensure that:
  - (a) The location of the control that delineates the horizontal location of the proposed fixed works; and
  - (b) The locations of the benchmark for the project and the vertical location of the proposed fixed works,  
→ are identical to the locations of those points as shown on the engineering plans for the project.
2. If the professional land surveyor discovers any material differences between the location of the control on the construction survey and the location of the control on the engineering plans for the project, he or she ~~shall~~ *must* notify the owner’s representative of those differences.
3. If the dimensions or details of the engineering plans are not sufficient to establish the location of the proposed fixed works, the professional land surveyor ~~shall~~ *must* notify the owner’s representative and the engineer or architect of record and request that the necessary additional information be provided.

(Added to NAC by Bd. of Professional Eng’rs & Land Surv., eff. 11-14-97)

## Proposed edits to NAC 625.775

Edits proposed for clarity and to reflect current standards of practice.

NAC 625.775 Positional certainties for marking locations of proposed fixed works. (NRS 625.140, 625.250) A professional land surveyor who conducts a construction survey ~~shall~~ *must* place the stakes or other materials used to mark the location of the proposed fixed works within the following positional certainties:

Proposed Fixed Works	Horizontal Positional Certainty		Vertical Positional Certainty	
	Meters	Feet	Meters	Feet
Rough Grades.....	<del>±0.03 m</del>	±1 ft	<del>±0.06 m</del>	±0.2 ft
Subgrades.....	<del>±0.15 m</del>	±0.5 ft	<del>±0.015 m</del>	±0.05 ft
Finish Grades.....	<del>±0.15 m</del>	±0.5 ft	<del>±0.015 m</del>	±0.05 ft
Buildings.....	<del>±0.015 m</del>	±0.05 <del>3</del> ft	<del>±0.01 m</del>	±0.03 ft
Sewer <del>Facilities</del> .....	<del>±0.1 m</del>	±0.3 / ft	<del>±0.015 m</del>	±0.05 <del>3</del> ft
Waterlines.....	<del>±0.1 m</del>	±0.3 / ft	<del>±0.03 m</del>	±0.1 ft
<del>Hydrants Water Facilities Other Than</del>	-		-	
<del>Waterlines</del> .....	<del>±0.03 m</del>	±0.1 ft	<del>±0.015 m</del>	±0.05 ft
<del>Street Lights and Devices for the Control of</del>	-		-	
<del>Traffic</del> .....	<del>±0.06 m</del>	±0.2 ft	<del>±0.03 m</del>	±0.1 ft
Curbs and Gutters.....	<del>±0.03 m</del>	±0.1 <del>5</del> ft	<del>±0.015 m</del>	±0.05 <del>3</del> ft

(Added to NAC by Bd. of Professional Eng'rs & Land Surv., eff. 11-14-97)



## Proposed edits to NAC 625.780

Committee originally recommend the repeal of the regulation, with the caveat that the need for stake out data be reference elsewhere – proposing it be added to NAC 625.670 Required research, identifications, measurements and computations. But following further consideration, and the inability cohesively insert the intent of the NAC 625.780 into NAC 625.670, staff is recommending the regulation be retained with edits proposed.

**NAC 625.780 Sketches, cut sheets and field notes.** (NRS 625.140, 625.250) A professional land surveyor who conducts a construction survey ~~shall~~ *must retain* ~~provide the owner's representative~~ sketches, cut sheets or other field notes *created* to ~~describe~~ *support* the survey conducted.

(Added to NAC by Bd. of Professional Eng'rs & Land Surv., eff. 11-14-97)

## Proposed edits to NAC 625.785

Edit for clarity, changing “shall” to “must”.

**NAC 625.785 Verification surveys: Exchange of information.** (NRS 625.140, 625.250) If a professional land surveyor other than the surveyor responsible for the initial location of the proposed fixed works conducts a verification survey, the professional land surveyor ~~shall~~ *must* share with the surveyor responsible for the initial location of the proposed fixed works notes and other data related to the verification survey. Each surveyor ~~shall~~ *must* provide to the other surveyor the results of the survey conducted by him or her and cooperate to resolve any discrepancies between the two surveys.

(Added to NAC by Bd. of Professional Eng'rs & Land Surv., eff. 11-14-97)

## Proposed edits to NAC 625.790

Edit for clarity, changing “shall” to “must”.

**NAC 625.790 Preparation of legal description of property.** (NRS 625.140, 625.250) If a professional land surveyor is called upon to prepare a legal description of real property, the professional land surveyor ~~shall~~ *must* include:

1. A sufficient caption, body and, where applicable, qualifying clauses;
2. A clear statement of the relationship between the real property being described and the survey control or the basis of the unique location;
3. A clear statement explaining the basis of bearings or language which otherwise makes definite the method of direction and orientation for the lines of the property being described and the survey control related thereto;
4. Full and complete citations to maps, plats, documents and other matters of record, facts of pertinence, which are intended to be incorporated into and made a part of the legal description by reference thereto;
5. When called out, complete and detailed descriptions of physical monuments, both natural and artificial;
6. When appropriate, incorporated either directly or by citation, sufficient data to enable a check of mathematical closure for the property being described; and
7. His or her name, the number of his or her Nevada license and his or her validated seal.

(Added to NAC by Bd. of Reg'd Professional Eng'rs & Land Surv., eff. 7-18-88; A 7-10-92)

## ATTACHMENT C



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Proposed Amendments of Regulations Relating to:

Code of Conduct

General Provisions relating to the Practice of Land Surveying

Land Boundary Surveys

Construction Surveys

Miscellaneous Provisions relating to the Practice of Land Surveying

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## **Small Business Impact Statement**

## **Small Business Impact Statement for proposed repeals and amendments to regulations relating to:**

Code of Conduct – NAC 625.545

General Provisions relating to the Practice of Land Surveying – NAC 625.655; NAC 625.666

Land Boundary Surveys – NAC 625.670; NAC 625.680; NAC 625.700; NAC 625.710; NAC 625.720; NAC 625.740

Construction Surveys – NAC 625.760; NAC 625.770; NAC 625.775; NAC 625.780

Miscellaneous Provisions relating to the Practice of Land Surveying – NAC 625.790

### **Overview**

The State Board of Professional Engineers and Land Surveyors has determined that the proposed repeals and amendments will have no negative financial impact on a small business. The proposed regulations have no negative impact on the formation, operation, or expansion of a small business in Nevada.

A small business is defined in Nevada Revised Statute (NRS) 233B as a “business conducted for profit which employs fewer than 150 full-time or part-time employees.”

This small business impact statement was created pursuant to NRS 233B.0608(3) and complies with the requirements of NRS 233B.0609. As required by NRS 233B.0608(3), this statement identifies the methods used by the agency in determining the impact of the proposed regulations on a small business and provides the reasons for the conclusions of the agency followed by certification by the agency’s responsible person.

### **Manner in which comments were solicited, response summary, and explanation of how interested parties may obtain a copy of summary**

Referencing the requirements of NRS 233B.0608, the Nevada Board of Professional Engineers and Land Surveyors requested input via a survey link sent to all Nevada licensed engineers and land surveyors, and those signed up to receive news and information from the board. The emailed survey link was sent to 19,200 individuals, with an open rate of 51.3%, and 110 completed survey responses.

The survey asked for input on adverse/beneficial economic effects on small businesses, and indirect adverse/beneficial effects – with space to elaborate on responses.

A summary of the survey results is available for viewing on the Nevada Board of Professional Engineers and Land Surveyors website (see link below) and are included as an attachment.

<https://nvbpels.org/business-impact-survey-october-2023/>

### **Manner in which the analysis was conducted**

Survey results were initially reviewed for general comments to gauge if the intent of the proposed regulation changes was adequately conveyed.

Survey analysis then focused on “YES” responses relating the direct and indirect adverse economic effects, and the associated comments and explanations to determine the individual concerns. The same was done with survey results for the direct and indirect beneficial impacts.

### **1. Estimated economic effects of the proposed regulation on small businesses**

Based on the survey results it was determined there are no adverse economic impacts related to the proposed regulation changes.

### **2. Considerations were made to reduce impact of proposed regulation**

No specific adverse economic impacts were identified that warranted additional consideration.

### **3. Cost estimate for agency enforcement**

At this time there would be no additional cost to the regulatory board to enforce the proposed changes. Any issues relating to compliance would be absorbed into the existing workload of the current staffing levels.

### **4. New fees or increases in existing fees**

The proposed amendments do not involve an increase to existing fees or create any new fees.

### **5. Are any duplicative or more stringent provisions involved**

There are no federal regulations associated with professional engineers and land surveyors. However, every state and US territory regulates the professions of engineering and land surveying.

### **6. Summary of conclusions**

The Small Business Impact survey that was sent to 19,200 individuals, with an open rate of 51.3%, resulted in 110 completed survey responses. Although some survey respondents indicated anticipated adverse impacts (13% direct adverse impacts and 20% indirect adverse impacts). In reviewing those comments, there are no specific adverse effects or economic impacts identified.

In consideration of all the survey responses collected, NVBPELS concludes that the proposed regulation changes relating to Code of Conduct, General Provisions relating to the Practice of Land Surveying, Land Boundary Surveys, Construction Surveys, and Miscellaneous Provisions relating to the Practice of Land Surveying will have no adverse impacts on small businesses.

**Certification by Person Responsible for the Agency**

I, Patty Mamola, Executive Director of the Nevada Board of Professional Engineers and Land Surveyors certify to the best of my knowledge or belief, a concerted effort was made to determine the impact of the proposed amendments to regulation on small business, and the information contained in this statement was prepared properly and is accurate.



November 17, 2023

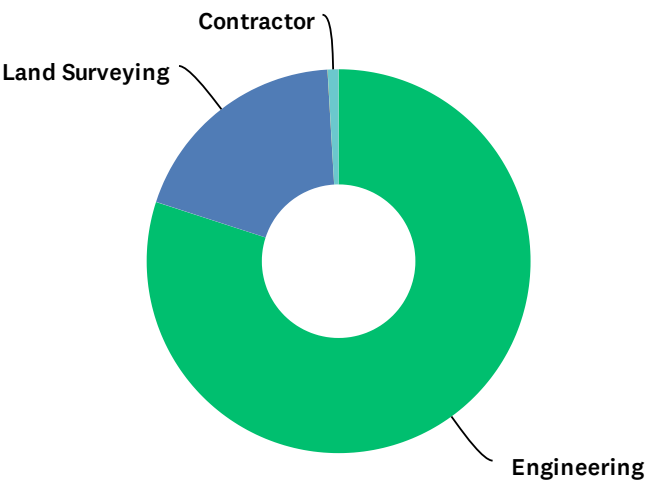


## Small Business Impact Survey Results



Q1 Type of Business (primary service offered)

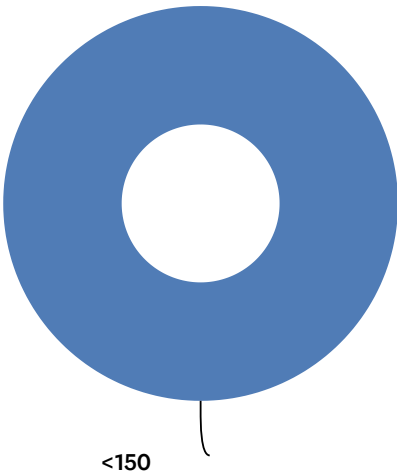
Answered: 110    Skipped: 0



ANSWER CHOICES	RESPONSES	
Engineering	80.00%	88
Land Surveying	19.09%	21
Architectural	0.00%	0
Contractor	0.91%	1
TOTAL		110

## Q2 Number of Full-Time Employees

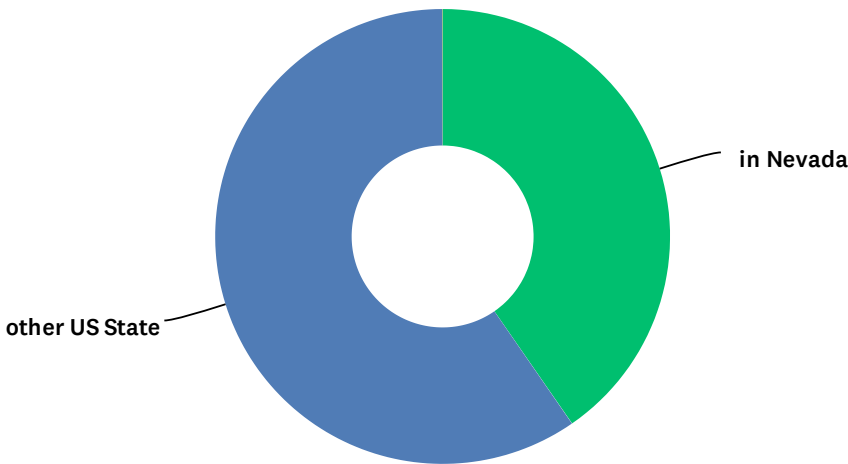
Answered: 110    Skipped: 0



ANSWER CHOICES	RESPONSES	
>150	0.00%	0
<150	100.00%	110
TOTAL		110

### Q3 Business Managing Office Location

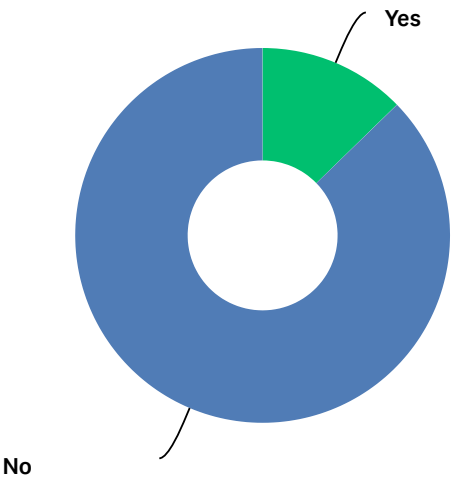
Answered: 109    Skipped: 1



ANSWER CHOICES	RESPONSES	
in Nevada	40.37%	44
other US State	59.63%	65
outside US	0.00%	0
TOTAL		109

Q4 Will a specific proposed change of the regulations have a direct adverse economic effect on your business?

Answered: 110    Skipped: 0



ANSWER CHOICES		RESPONSES	
Yes		12.73%	14
No		87.27%	96
TOTAL			110

## Q5 Any comments or explanation relating to your answer to Question 4.

Answered: 66   Skipped: 44

#	RESPONSES	DATE
1	none	10/17/2023 1:20 PM
2	Providing a schedule for engineering takes a little more time than just a completion date. However, this is something we typically do anyway.	10/16/2023 12:53 PM
3	None	10/13/2023 3:09 PM
4	none	10/13/2023 11:08 AM
5	none	10/12/2023 1:02 PM
6	only involved in railroad engineering	10/11/2023 5:32 AM
7	None	10/10/2023 7:36 AM
8	None.	10/9/2023 9:54 AM
9	no	10/9/2023 9:14 AM
10	None	10/7/2023 3:07 PM
11	Not doing business in Nevada.	10/7/2023 9:20 AM
12	Proposed edits to NAC 625.545. My problem is that you are modifying this regulation as if all contracts (or jobs) are the same in complication. Some jobs are small in nature and do not need to provide a schedule. Since the regulations apply across all jobs, I believe that you are being short sighted. Maybe it is more equitable if you have jobs over a certain price, say \$10k, require a schedule and jobs under \$10k require an anticipated completion date. My biggest suggestion is to not write the regulation in such a way that ALL jobs are required to follow a process that only makes sense for larger jobs. And finally, isn't the premise of the change, none of your business: "better manage client expectations". That is the responsibility of the business owner, not a regulatory agency. Please try to imagine what it was like when we lived in a country which was free and not controlled at every turn.	10/6/2023 6:13 PM
13	-	10/5/2023 8:43 AM
14	The changes generally clarify areas of uncertainty and appropriately simplify the regulations.	10/5/2023 7:27 AM
15	Currently I only do California projects	10/4/2023 8:58 PM
16	none	10/4/2023 5:01 PM
17	All changes are associated with land Surveying. My business does incorporate this type of service.	10/4/2023 4:47 PM
18	Made note of the use of "must" versus "shall" for future reference in contract/spec documents. Thank you!	10/4/2023 11:31 AM
19	I am not commenting on the changes to the Surveying regulations.	10/4/2023 10:57 AM
20	Our firm does not offer land surveying currently - no impact on us	10/4/2023 5:15 AM
21	None	10/3/2023 7:38 PM
22	None.	10/3/2023 7:08 PM
23	none	10/3/2023 6:40 PM
24	I'm concerned with #1. You are regulating away common law contracts. Don't get me wrong, it's smart to have a written contract; however, government should not be involved in private party agreements. Work can still get done with a handshake.	10/3/2023 5:07 PM

## Business impacts related to the proposed regulation changes.

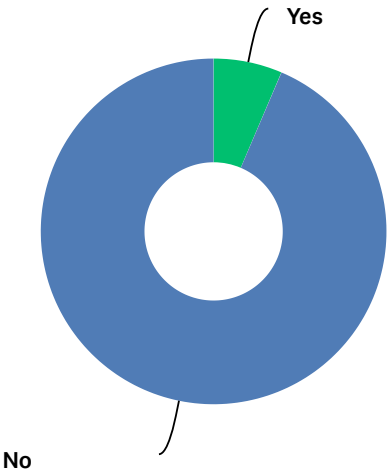
25	none	10/3/2023 3:09 PM
26	N/A	10/3/2023 1:41 PM
27	I do not perform land surveying services	10/3/2023 12:41 PM
28	Changes either are already being done by our firm or are not applicable to the work we are performing.	10/3/2023 12:33 PM
29	Written contracts should not be required for very small projects - say \$2500.00 or less.	10/3/2023 12:07 PM
30	NO	10/3/2023 10:44 AM
31	Our work in Nevada is for insurance companies with whom we have a written master contract that suffices for all work. A separate contract for each assignment is not needed or desired by the client. Our work investigative and forensic in nature and does not lend itself to a predetermined fee. We work on an hourly "time and materials" basis. Amend the proposal to clarify that master agreements are acceptable alternatives.	10/3/2023 10:33 AM
32	none	10/3/2023 10:31 AM
33	i do not know the full impact of these changes nor can I look into a crystal ball and see what will happen down the road, but this much I do know, whenever governments are involved in the operations and direction of business, especially engineering and survey, there will be impacts and they are usually impacts that cost the business own money. What is wrong with how they work today? Why change it when it's not broken?	10/3/2023 10:22 AM
34	No impact seen to my business	10/3/2023 10:01 AM
35	Although advisable, why is a written contract required with a client? Shouldn't that just be a liability insurance issue?	10/3/2023 9:36 AM
36	All surveys that have been done in the past has always been done at the highest standard.	10/3/2023 9:34 AM
37	625,545, written contracts. We do a lot of urgent and even emergency work based on oral or email requests (such as responding to a pit slope failure at a large gold mine near Elko). We thus need to respond immediately, often dispatching engineers the same day. But getting a contract approved by a large mining company takes weeks under the best of circumstances. Requiring us to have formal written contracts will result in us either decline such assignments (which can produce huge revenue: for the famous slope failure in Utah a few years ago the total engineering fee was circa \$1M) or that we serve our clients best interest, and the interest of public safety, but violate this new law. We also do a lot of business under global master services agreements which may be based in another country (the UK, Canada, Peru or Chile being common) but are intended to be used anywhere we work for them. These will often not meet the test for a contract in Nevada (for a variety of reasons) but are very common in both mining and other heavy industries where the client-consultant relationship is based on years, often decades, of working together. This proposed change will do nothing to improve this work. We also do a lot of work under purchase orders, which do not usually meet the legal test of a "contract." This law seems to target work between engineers and unsophisticated clients. It seems to serve no purpose when the client is as sophisticated, or often more sophisticated, than the consultant.	10/3/2023 9:33 AM
38	No	10/3/2023 9:26 AM
39	Might be slightly more time and money for a contract with each client	10/3/2023 9:17 AM
40	None	10/3/2023 9:13 AM
41	We do not do surveying work in Nevada.	10/3/2023 9:12 AM
42	We are an engineering firm and most of the items were survey related. The schedule vs: date change may be difficult to facilitate effectively since the "date" is target and a schedule is plan. timing changes but end date is what is ultimately important. Opinion is the change adds complexity but not much value.	10/3/2023 8:56 AM
43	None	10/3/2023 8:42 AM
44	n/a	10/3/2023 8:27 AM
45	no	10/3/2023 7:58 AM

Business impacts related to the proposed regulation changes.

46	N/A	10/3/2023 7:44 AM
47	Our current business in Nevada is limited.	10/3/2023 7:43 AM
48	no	10/3/2023 7:28 AM
49	None	10/3/2023 7:24 AM
50	No comments	10/3/2023 7:21 AM
51	NAC 625.545 is getting into the practice of business. Yes, it may be better to provide a schedule for large projects and most sophisticated clients will require it. But so small projects, the client may not care beyond the expected date of completion. Where the Client and Engineer agree that a completion date is adequate, the State should not dictate that more is required. This adds to my work load. Further, there is no definition of schedule so the change has no teeth. The "schedule" can be "it will get done by ...." It is not a needful change.	10/3/2023 7:05 AM
52	No	10/3/2023 6:52 AM
53	Professional insurance companies already require written contract. Maybe just require E&O insurance for licensees, then no need to require written contracts.	10/3/2023 6:43 AM
54	Changes affect surveying, not engineering.	10/3/2023 6:43 AM
55	As a government agency it is more costly to have incomplete survey data or missing information than to have a proper survey. As someone who obtained their original license in another state, I feel most of these changes reflect basic industry standards and should already be in place and practiced.	10/3/2023 6:18 AM
56	No	10/3/2023 6:05 AM
57	all of the proposed changes only affect land surveying	10/3/2023 6:03 AM
58	NAC 625.545 would disrupt our ability to consult to insurance companies. We presently inspect claims of all sizes in Nevada. Due to their nature, the cost is always unknown. Similarly, large carriers will not sign contracts - it is built on long term trust. If we were to abide by this requirement, we would have to cease all claim and litigation assessment/consulting in Nevada. This would also put the public in greater harm not being able to have insurance claims inspected by engineers.	10/3/2023 5:46 AM
59	I'm not a surveyor, so most changes are not applicable. The remainder appear inconsequential.	10/3/2023 5:41 AM
60	No adverse comment	10/3/2023 5:11 AM
61	Notice to proceed via e-mail in response to an e-mailed fee should be sufficient as a contract.	10/3/2023 5:09 AM
62	None	10/3/2023 5:00 AM
63	None	10/3/2023 4:47 AM
64	NAC 625.545 1) Generally, the State should have very little (if any) involvement in individual contracts as this is a burden on the parties involved. Thus, this addition will add additional time/costs to processing that is normally done quickly and easily with previous understandings and/or master agreement in place between the parties. 3) Per 625.005, the Board only "provides" for licensure. This additional text improperly extends the Board's duties. NAC 625.545 should NOT be added.	10/3/2023 4:30 AM
65	None	10/3/2023 4:17 AM
66	Changes are reasonable	10/3/2023 4:03 AM

Q6 Will a specific proposed change of the regulations have a direct beneficial effect on your business?

Answered: 109    Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	6.42%	7
No	93.58%	102
TOTAL		109



## Q7 Any comments or explanation relating to your answer to Question 6.

Answered: 58 Skipped: 52

#	RESPONSES	DATE
1	none	10/17/2023 1:20 PM
2	None	10/13/2023 3:09 PM
3	I am in agreement with these changes. I specifically like the changes to NRS 625.670 as it add much needed clarity.	10/13/2023 12:06 PM
4	none	10/13/2023 11:08 AM
5	not a surveyor	10/12/2023 1:02 PM
6	same as 5 above	10/11/2023 5:32 AM
7	None	10/10/2023 7:36 AM
8	None.	10/9/2023 9:54 AM
9	no	10/9/2023 9:14 AM
10	None	10/7/2023 3:07 PM
11	Not doing business in Nevada.	10/7/2023 9:20 AM
12	I never feel that someone writing an arbitrary rule is beneficial for a business. A business should be allowed to succeed and fail on its own and the more regulation, the more likely it is that someone else determines the outcome of businesses final destination.	10/6/2023 6:13 PM
13	-	10/5/2023 8:43 AM
14	No comment	10/4/2023 8:58 PM
15	none	10/4/2023 5:01 PM
16	Make person to be committed though out project life cycle. We can additional include in continuation "and any change to the schedule shall be updated and agreed"	10/4/2023 12:01 PM
17	Our firm does not offer land surveying currently - no impact on us	10/4/2023 5:15 AM
18	No	10/3/2023 7:38 PM
19	None.	10/3/2023 7:08 PM
20	none	10/3/2023 6:40 PM
21	None	10/3/2023 3:09 PM
22	Since technology has improved, why are we lowering the standards for positional certainty. I oppose this change	10/3/2023 2:25 PM
23	N/A	10/3/2023 1:41 PM
24	none	10/3/2023 12:41 PM
25	See previous	10/3/2023 12:33 PM
26	No	10/3/2023 12:07 PM
27	no	10/3/2023 10:44 AM
28	none	10/3/2023 10:31 AM
29	I have been in business along time. When I look back at how we did business in the 80's and 90's it was good. We make a decent living, we paid our bills and our obligations. Things	10/3/2023 10:22 AM

## Business impacts related to the proposed regulation changes.

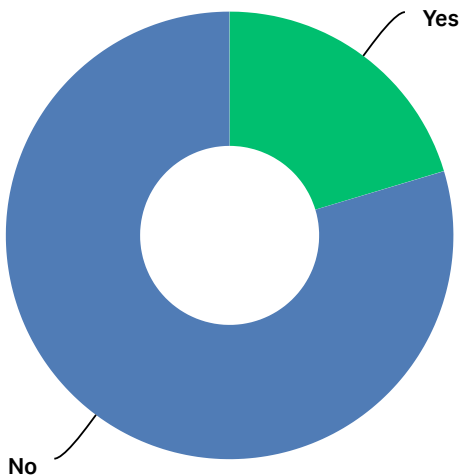
changed in 2000 and by 2010 it was not the same business.- there were so many cut-throat surveyors who worked off their kitchen table, turned out an inferior product and had no moral and professional ethics. Had we not had long standing clients who knew the quality of our work, we would have been out of business. My comments in 4 above are applicable. Stay out of the lives and business of engineering professionals. I can't see down the road that far but again, This much I know, by trying to quantify and regulate the business of surveying and engineering you will be creating road block to the smooth flow of the work product. You can not regulate every little thing, you can not micro manage these jobs because each one is so different.

30	No impact seen	10/3/2023 10:01 AM
31	I see no economic benefits to anyone in the changes. Maybe some to the public. It just looks like more confusion and paperwork from the business side.	10/3/2023 9:36 AM
32	It clarifies the changes.	10/3/2023 9:34 AM
33	The effects will be entirely detrimental. We do not need this statute to protect our business and thus it adds no value, but it will cost us business.	10/3/2023 9:33 AM
34	No	10/3/2023 9:26 AM
35	None	10/3/2023 9:17 AM
36	None	10/3/2023 9:13 AM
37	No	10/3/2023 9:12 AM
38	Not in surveying - does not apply.	10/3/2023 8:56 AM
39	changing completion date to schedule makes much more sense.	10/3/2023 8:56 AM
40	None	10/3/2023 8:42 AM
41	none	10/3/2023 7:58 AM
42	N/A	10/3/2023 7:44 AM
43	no	10/3/2023 7:28 AM
44	None	10/3/2023 7:24 AM
45	no comments	10/3/2023 7:21 AM
46	Written contract. We write contracts for all work to be performed but seldom have them returned with signatures.	10/3/2023 7:08 AM
47	Most of the changes relate to Surveying, not engineering so have no expected impact.	10/3/2023 7:05 AM
48	Changes affect surveying, not engineering.	10/3/2023 6:43 AM
49	Having a proper survey in line with industry standards is beneficial to all in order to avoid costly changes in the project at a later date.	10/3/2023 6:18 AM
50	We don't provide surveying	10/3/2023 6:05 AM
51	N/A	10/3/2023 6:03 AM
52	see above	10/3/2023 5:41 AM
53	no comment	10/3/2023 5:11 AM
54	None	10/3/2023 4:47 AM
55	Per previous comment, it only adds more burdens. As a PE, contracts that I engage in are solely my responsibility and should only be monitored (per 625) in their resulting impact on the public health, safety, and welfare, legally performed. If that impact is all positive, it is not for the State/Board to regulate any further.	10/3/2023 4:30 AM
56	None	10/3/2023 4:17 AM
57	Changes are reasonable	10/3/2023 4:03 AM



Q8 Do you anticipate any indirect adverse effects from the proposed regulation changes on your business?

Answered: 108    Skipped: 2



ANSWER CHOICES		RESPONSES	
Yes		20.37%	22
No		79.63%	86
TOTAL			108

## Q9 Any comments or explanation relating to your answer to Question 8.

Answered: 61 Skipped: 49

#	RESPONSES	DATE
1	none	10/17/2023 1:20 PM
2	None	10/13/2023 3:09 PM
3	none	10/13/2023 11:08 AM
4	none	10/12/2023 1:02 PM
5	same as 5 above	10/11/2023 5:32 AM
6	None	10/10/2023 7:36 AM
7	None.	10/9/2023 9:54 AM
8	no	10/9/2023 9:14 AM
9	None	10/7/2023 3:07 PM
10	Not doing business in Nevada.	10/7/2023 9:20 AM
11	I think that you are making a big mistake changing all of the "Shall" to "Must". I am not sure what you are really doing, shall does give a little bit of wiggle room, it is encouraging a surveyor to do the right thing, but is not requiring them to do it on every job. When you say must, you are telling the surveyor that they MUST do something or they can be held liable if they do not. If the job does not require something to be done, it should be at the discretion of the surveyor. It is the surveyor who will ultimately be held responsible, all this language does, is give a lawyer (not a surveyor), the right to find fault in what the surveyor has done. Give the surveyor the power, not the lawyers. Provide the language that strengthens the surveyors ability to make their own decisions and feel confident that they will not be in prison if there best is not good enough (mistakes really do happen, surveyors are just people with a technical skill)	10/6/2023 6:13 PM
12	-	10/5/2023 8:43 AM
13	NAC625.666(6) is highly specific and could be onerous to include in contract language unless reference to "standards of practice" (which would include NAC) is sufficient.	10/5/2023 7:27 AM
14	No comm	10/4/2023 8:58 PM
15	none	10/4/2023 5:01 PM
16	Our firm does not offer land surveying currently - no impact on us	10/4/2023 5:15 AM
17	No	10/3/2023 7:38 PM
18	None.	10/3/2023 7:08 PM
19	none	10/3/2023 6:40 PM
20	Yes. See my response to #5.	10/3/2023 5:07 PM
21	None	10/3/2023 3:09 PM
22	This will lead to shoddy workmanship. I have seen lawsuits over less than a .1 of a foot	10/3/2023 2:25 PM
23	N/A	10/3/2023 1:41 PM
24	none	10/3/2023 12:41 PM
25	See previous	10/3/2023 12:33 PM
26	No	10/3/2023 12:07 PM
27	no	10/3/2023 10:44 AM

Business impacts related to the proposed regulation changes.

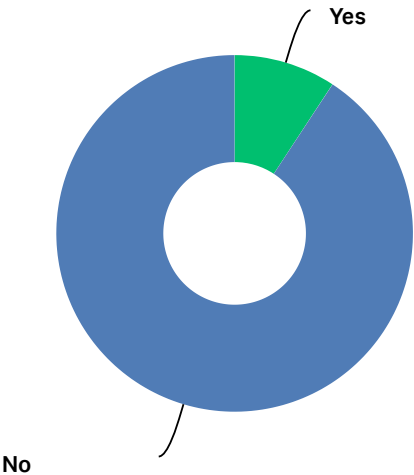
28	unnecessary paperwork and complicating doing work in Nevada when similar burdens do not exist in other states.	10/3/2023 10:33 AM
29	n/a	10/3/2023 10:31 AM
30	Same comments in 4 and 7 apply.	10/3/2023 10:22 AM
31	The requirement to add the project schedule to our contract language potentially opens the door for more liability. Schedules ALWAYS move and we don't want to have to revise our original contract to the new schedule.	10/3/2023 10:21 AM
32	No	10/3/2023 10:01 AM
33	I am in a bordering state. With the new provisions working in Nevada will be a last choice.	10/3/2023 9:36 AM
34	None	10/3/2023 9:34 AM
35	Addressed above.	10/3/2023 9:33 AM
36	No	10/3/2023 9:26 AM
37	None	10/3/2023 9:17 AM
38	None	10/3/2023 9:13 AM
39	No	10/3/2023 9:12 AM
40	*NAC 625.655 Reference to only "statutes and regulations" and removing the reference to portions of NAC 625 is concerning. *NAC 625.666/775- Meters should not be removed, 625 allows for either meters or feet to be used. The use of "U.S. Survey Feet" in 625.666 and "Feet" in 625.775 should be harmonized. NOAA & NIST has moved to replace the US Survey foot (1200/3937 ft/m) with the international foot (0.3048 ft/m) [the foot in the US is currently defined by a relation to the meter].	10/3/2023 8:59 AM
41	Not in surveying - does not apply.	10/3/2023 8:56 AM
42	None	10/3/2023 8:42 AM
43	none	10/3/2023 7:58 AM
44	I believe a parts per million is needed for the Positional Certainty component located under NAC 625.666 is needed. If you measure 10 miles, are you required to be within .15"? This seems unattainable. I suggest using the ALTA standards when it comes to positional certainty.	10/3/2023 7:44 AM
45	none	10/3/2023 7:28 AM
46	None	10/3/2023 7:24 AM
47	no comments	10/3/2023 7:21 AM
48	I believe NAC 625.666 in regards to Land Boundary Surveys should more closely align with the Measurement Standards described in the NSPS/ALTA Minimum Standard Detail Requirements Paragraph 3 E	10/3/2023 7:20 AM
49	Added work load and possible elements of lawsuits where a client can claim that work performed by a due date did not meet the letter of the law because no schedule was provided and hence the law was broken and no compensation for the work is required.	10/3/2023 7:05 AM
50	No	10/3/2023 6:43 AM
51	Changes affect surveying, not engineering.	10/3/2023 6:43 AM
52	These are all necessary changes and are basic surveying standards.	10/3/2023 6:18 AM
53	It looks like they wouldn't need to provide the topography but for our business we have to include that information.	10/3/2023 6:05 AM
54	possible increase in design project costs if design project includes land surveying.	10/3/2023 6:03 AM
55	We will stop conducting business in Nevada.	10/3/2023 5:46 AM
56	see above	10/3/2023 5:41 AM

Business impacts related to the proposed regulation changes.

57	None	10/3/2023 5:11 AM
58	None	10/3/2023 4:47 AM
59	Additional costs. Additional time. No benefit.	10/3/2023 4:30 AM
60	None	10/3/2023 4:17 AM
61	So impact may not be know at this time	10/3/2023 4:03 AM

Q10 Do you anticipate any indirect beneficial effects on your business from the proposed changes?

Answered: 108    Skipped: 2



ANSWER CHOICES		RESPONSES	
Yes		9.26%	10
No		90.74%	98
TOTAL			108



## Q11 Any comments or explanation relating to your answer to Question 10.

Answered: 52 Skipped: 58

#	RESPONSES	DATE
1	none	10/17/2023 1:20 PM
2	None	10/13/2023 3:09 PM
3	none	10/13/2023 11:08 AM
4	none	10/12/2023 1:02 PM
5	same as 5 above	10/11/2023 5:32 AM
6	I think that this is a more logical wording.	10/10/2023 10:35 AM
7	None	10/10/2023 7:36 AM
8	None.	10/9/2023 9:54 AM
9	no	10/9/2023 9:14 AM
10	None	10/7/2023 3:07 PM
11	Not doing business in Nevada.	10/7/2023 9:20 AM
12	This sentence is so vague, that I could sue any surveyor I hire: "When engaging in the practice of land surveying in this State, a professional land surveyor shall must apply all applicable statutes and regulations." Wow, "apply all applicable statutes and regulations"? That is going to bite someone in the end. Freedom for the surveyor, not vagueness and ambiguity.	10/6/2023 6:13 PM
13	-	10/5/2023 8:43 AM
14	Clarity has a general improving effect on professional practice. I do have a few comments: NAC625.666(4) confusingly references two types of survey; overall, "his or her" could be replaced with "their" and save pages of language.	10/5/2023 7:27 AM
15	N/a	10/4/2023 8:58 PM
16	none	10/4/2023 5:01 PM
17	Our firm does not offer land surveying currently - no impact on us	10/4/2023 5:15 AM
18	No	10/3/2023 7:38 PM
19	None.	10/3/2023 7:08 PM
20	none	10/3/2023 6:40 PM
21	NOne	10/3/2023 3:09 PM
22	N/A	10/3/2023 1:41 PM
23	none	10/3/2023 12:41 PM
24	See previous	10/3/2023 12:33 PM
25	No	10/3/2023 12:07 PM
26	no	10/3/2023 10:44 AM
27	n/a	10/3/2023 10:31 AM
28	It has been my experience over a long period of time that there is never ny benefits -- IT JUST COSTS US MONEY.	10/3/2023 10:22 AM
29	No	10/3/2023 10:01 AM

## Business impacts related to the proposed regulation changes.

30	I don't see how any of the changes help the business side.	10/3/2023 9:36 AM
31	None	10/3/2023 9:34 AM
32	No	10/3/2023 9:26 AM
33	None	10/3/2023 9:17 AM
34	Possibly make potential clients select insured engineers/surveyors. Tends to level the playing field in terms of cost/expense.	10/3/2023 9:13 AM
35	No	10/3/2023 9:12 AM
36	Not in surveying - does not apply.	10/3/2023 8:56 AM
37	None	10/3/2023 8:42 AM
38	none	10/3/2023 7:58 AM
39	N/A	10/3/2023 7:44 AM
40	none	10/3/2023 7:28 AM
41	None	10/3/2023 7:24 AM
42	The proposed changes add clarity, remove gray areas in construction and mapping.	10/3/2023 7:21 AM
43	No	10/3/2023 6:43 AM
44	Changes affect surveying, not engineering.	10/3/2023 6:43 AM
45	Better quality surveys and the ability to recite NAC for surveyors who do not perform surveys in conformance with basic industry standards.	10/3/2023 6:18 AM
46	no	10/3/2023 6:05 AM
47	N/A	10/3/2023 6:03 AM
48	see above	10/3/2023 5:41 AM
49	No	10/3/2023 5:11 AM
50	None	10/3/2023 4:47 AM
51	None	10/3/2023 4:17 AM
52	NC	10/3/2023 4:03 AM