



Planning & Development Services Department
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Topographical Survey Requirements

The City of White Rocks Zoning Bylaw requires that a British Columbia Land Surveyor provide a survey of elevation in order that the average natural grade can be determined. From this the maximum height of the building, the Angle of Containment and basement elevation can be determined.

The purpose of this letter is to ensure the Topographical survey provides sufficient information and there is uniformity in the documentation supplied to the City.

To address these needs, the Elevation survey provided must be an original document signed, dated and sealed by a British Columbia Surveyor within the last two years of permit application.

The Survey must include the following:

- The bearing and dimensions of the parcel taken from a registered subdivision plan.
- The legal description and civic address of the property.
- The location and dimensions of all existing and proposed statutory rights of way, easements and setback requirements.
- The location and dimension from property lines of the proposed building footprint.
- Setbacks to the natural boundary of any lake, swamp, pond or watercourse.
- The survey must indicate the area of the subject lot.
- The location, dimension and gradient of parking and driveway access.
- The survey should include existing grade points at regular intervals along each property line not to exceed 5 meter intervals and include boulevard, edge and center line of road and lanes. Lots exceeding 10m in width will require mid lot grade points.
- Estimated natural grade elevations are to be indicated at the mid-point of all four sides of the proposed building. This should be the actual footprint of the proposed building – not the minimum zoning setbacks. The survey must indicate that these natural grade points are the surveyor's best estimate of natural grade before the site was altered.
- The location, size and type of all trees in accordance with the City of White Rock Tree Management Bylaw, 2008, No. 1831, and amendments.

The City will review the survey; examine the existing grades and the surveyor's estimated natural grades. The City reserves the right to conclude whether the natural grade estimates provided are reasonable or not and make adjustments as required. The City may ask for additional information from the surveyor when necessary.