
SECTION 1

Introduction

1.0 INTRODUCTION

1.1. Glossary of Terms - Refer to Division Two

1.2 The Use of this Design Criteria Manual

This Design Criteria Manual replaces all previous versions and revisions. Always verify that you are using the most recent version. Revisions to the design criteria contained herein will be reviewed approximately every year and posted on the City of Kamloops website (www.kamloops.ca) as amendments take place. It is the Design Engineer's responsibility to verify the most current criteria are being used prior to initiating and submitting detailed design.

1.3 Intent of these Standards

This manual has been prepared for the Design Engineer and the development community in the design of engineering facilities and systems in the City of Kamloops.

It is intended to provide the minimum design criteria and standards for proposed City works. The Design Engineer remains fully responsible to ensure that designs meet the minimum design criteria, accepted engineering principles, and are adequate for the site conditions and anticipated use.

1.4 Application of these Design Criteria

The minimum criteria and Standards defined in this manual shall apply to the preparation of all engineering designs and drawings for projects in the City of Kamloops.

Design Engineers are encouraged to seek innovative and superior solutions, where appropriate, to achieve better technical and economical solutions. A Design Engineer who wishes to adopt criteria not specifically included in or variant from those within this manual, shall justify the proposed change in a signed and sealed letter/report submitted to the City Engineer for review and approval, prior to acceptance of the proposed change. Submissions must demonstrate that the proposed change is equivalent to or better than that contained in this manual.

The Design Engineer must be satisfied that the design criteria contained herein are applicable to the project at hand, and must apply more stringent criteria where appropriate. The Applicant and Design Engineer are fully responsible for designing to Standards which exceed these Standards when specific site conditions dictate that more stringent performance measures are required.

All design and construction details for City infrastructure shall be in accordance with this Design Criteria Manual, the Subdivision and Development Control By-law, Fire Prevention By-law, other applicable by-laws and with the Standard Drawings and Specifications, as adopted by the City.

Where conflicts or discrepancies may appear between this manual, 'similar' Standard Drawings and/or Specifications, the Design Engineer shall review the conflict or discrepancy with the City and shall obtain the City's approval for the correct Standard Drawing and/or Specification before proceeding.

The criteria that shall apply are those in place at the time of the latest letter of Preliminary Layout Approval (PLA) or extensions thereto. If the City requires revisions to the criteria in place at the time of PLA (or extensions) and if there are additional material costs to the Applicant associated with these revisions, the City will pay the additional costs which will be determined prior to construction approval.

1.5 Revisions to this Design Criteria Manual

The criteria and design parameters contained in this manual are subject to review and re-evaluation and the City reserves the right to initiate revisions or additions to these criteria as and when it deems it is necessary to make such revisions.

The City encourages submissions from Design Engineer's wishing to amend the City's Design Criteria. Such submissions shall be in a report format, signed and sealed by a Professional Engineer, and shall include clear and succinct expressions of concern, suggestions for alternatives including benefits and recommendations proposed to address improvements to the current Design Criteria.

The City may, at its sole discretion, review, assess and accept or adopt in whole or in part, the submissions and/or the recommendations from a Design Engineer for inclusion within the Design Criteria Manual at a future date.

1.6 Interpretation of the Design Criteria

The City Engineer reserves the right to the final decision with regard to the interpretation of the intent of the Design Criteria, and with regard to the acceptability of changes from the Standards, or of Standards proposed by the Design Engineer.

1.7 Statutory Requirements for Approvals by Other Authorities and the City of Kamloops

The Design Engineer shall remain responsible for compliance with all the statutory requirements of the City and other relevant authorities which are mandated to regulate and approve such works and shall arrange for and secure all approvals from the appropriate authorities.

Where this Design Criteria Manual refers to: by-laws, acts, regulations and Standards, this shall mean the most recent edition or amendment of the referenced document.

Where due to amendment of statutory requirements, conflicts or inconsistencies with this Design Criteria Manual arise, the Design Engineer is to be responsible for applying the more stringent requirement, and shall refer the issue to the City Engineer.

1.8 Certifications

Design Engineers shall accept responsibility for all aspects of their designs and inspections associated with their design. The Design Engineer must be in good standing and registered with the Association of Professional Engineers and Geoscientists of BC (APEGBC) and be currently practicing in the appropriate engineering discipline. By way of the Design Engineer's seal they are certifying that the works have been designed and inspected to good engineering standards and in accordance with the latest edition of the City of Kamloops Design Criteria Manual, Standard Drawings and Specifications adopted by the City of Kamloops. All submissions including drawings, reports, calculations, inspection reports or other such information as required is to be submitted under the Design Engineer's seal and signature.