

DATE OF MEETING AUGUST 31, 2020

AUTHORED BY SHAWNA DRINNAN, ENGINEERING SERVICES TECHNOLOGIST

SUBJECT PROPOSED BYLAW AMENDMENTS TO SUBDIVISION CONTROL BYLAW 1989 NO. 3260 SCHEDULE 'A' – THE MANUAL OF ENGINEERING STANDARDS AND SPECIFICATIONS

OVERVIEW

Purpose of Report

To introduce “Subdivision Control Amendment Bylaw 2020 No. 3260.05” and update the Manual of Engineering Standards and Specifications from Edition No. 12 to Edition No. 13. |

Recommendation

1. That “Subdivision Control Amendment Bylaw 2020 No. 3260.05” (To amend Schedule A – Manual of Engineering Standards and Specifications) pass first reading.
2. That “Subdivision Control Amendment Bylaw 2020 No. 3260.05” pass second reading.
3. That “Subdivision Control Amendment Bylaw 2020 No. 3260.05” pass third reading.

BACKGROUND

The Manual of Engineering Standards and Specifications (MoESS) forms part of the Subdivision Control Bylaw 1989 No.3260 as Schedule A. The manual provides the direction and requirements for transportation, utility and other infrastructure that is built within the City of Nanaimo. The manual has more than 700 pages and 300 standard drawings.

On 2020-JUL-27, Staff provided Council with an Information Report on the proposed amendments. This report included an overview of the updates and changes to the sections.

The amendment process for the MoESS is critical and enables the City to adapt to change. The MoESS undergoes regular review and updating to reflect current best practices, changes to regulations, adoption of new technology, recommendations from the public, Staff and engineering consultants, and to reflect Council policy. |

DISCUSSION

There are many notable changes throughout the MoESS document to enable the City to adapt to change and align with these City of Nanaimo directives:

- “Cross Connection Control Bylaw No.7249”
- Geographic Information System (GIS) Strategic Plan
- Urban Forestry Management Strategy
- Transportation Master Plan
- Complete Streets Guideline
- Asset Management Plan for the following assets:
 - Excavation, Trenching and Backfill
 - Aggregates & Granular Materials
 - Sanitary Sewer Systems
 - Stormwater Management

The changes in this edition of the MoESS are prominent in almost all of the fourteen sections of the manual. See Attachment A for a copy of the “Amendment Record of all Changes in the MoESS Edition No.13”.

OPTIONS

1.

1. That “Subdivision Control Amendment Bylaw 2020 No. 3260.05” (To amend Schedule A – Manual of Engineering Standards and Specifications) pass first reading.
2. That “Subdivision Control Amendment Bylaw 2020 No. 3260.05” pass second reading.
3. That “Subdivision Control Amendment Bylaw 2020 No. 3260.05” pass third reading.

- This option would update the City’s standards and specifications in order for Council to better affect the balance of cost and quality of infrastructure in Nanaimo.

2. That Council provide Staff with alternate direction. |

SUMMARY POINTS

- The City has undertaken a collaborative and comprehensive revision process to prepare the proposed amendments for the MoESS.
- The amendments will allow the City to adapt to change and provide an improved and updated set of engineering standards.
- The proposed “Subdivision Control Amendment Bylaw 2020 No. 3260.05 is attached for Council consideration of first three readings.

ATTACHMENTS:

Attachment 'A' – Amendment Record of all Changes in the MoESS Edition No.13

Attachment 'B' – “Subdivision Control Amendment Bylaw 2020 No. 3260.05”

Attachment 'C' – MoESS Proposed Edition No. 13

For additional information regarding the MoESS, a link is provided below:

[https://www.nanaimo.ca/doing-business/doing-business-with-the-city/manual-of-engineering-standards-and-specifications.](https://www.nanaimo.ca/doing-business/doing-business-with-the-city/manual-of-engineering-standards-and-specifications)

Submitted by:

Shawna Drinnan
Engineering Services Technologist
Engineering

Concurrence by:

Poul Rosen
Director, Engineering

Bill Sims
General Manager
Engineering and Public Works