
Summary of Proposed Amendments

The following is a summary of the major changes incorporated into the Proposed amendments to the Open Space components of the Strathcona County Design and Construction Standards.

1. Approval Process

- 1.1. Vol. 1, Sec. 2.2 Engineering Design Brief (in conjunction with area structure plans):
Included requirements to show programming sites such as playgrounds, outdoor fitness equipment, sport facilities, dog parks and community gardens within the design brief documents.

2. General development/amenity requirements

- 2.1. Vol. 1, Sec. 6.1 Open Space Development:
Appropriate activities and infrastructure tables: included development requirements for litter receptacle with recycling lid, exercise equipment, spray parks, boardwalks, educational signs, wayfinding signs, community gardens, dog off-leash parks and toboggan hills.

3. Playgrounds

- 3.1. Vol. 1, Sec. 6.2 Children Playgrounds (users 18 months to 12 years old):
Increased the minimum sand depth, included requirements for sub-drainage system and for rest stops with site furniture.
- 3.2. Vol. 1, Sec. 6.13.2.9 Playground Inspection Process:
Increased warranty period to 1 year (CCC and FAC) and required that a Canadian Playground Safety Institute (CPSI) certified inspector conducts installation and inspections.
- 3.3. Vol. 2, Sec. 615 Playground and Outdoor Fitness Equipment:
Included specifications for the sub-drainage system, test procedures for equipment and sand warranty and maintenance requirements from CCC to FAC.

4. Outdoor Exercise Equipment

- 4.1. Vol. 1, Sec. 6.3 Outdoor Fitness Equipment (users 13 years old and older):
New section. This section follows similar standards as the children's playground; the main difference is that outdoor fitness equipment must comply with ASTM F3101-15 Standard Specification for Unsupervised Public Use Outdoor Fitness Equipment.

5. Sports Fields

- 5.1. Vol. 2, Sec. 616 Soccer Fields and 7.617 Ball Fields:
Included requirement to only use sod for soccer fields and criteria for percentage of sod that is to be established to achieve FAC.

6. Trails:

- 6.1. Vol. 2, Sec. 610 Gravel Trails:
Included tolerances to achieve CCC and FAC.

7. Bollards

- 7.1. Vol. 1, Sec. 7 DWG 61601 Chicane Bollard:
Construction detail has been simplified to show information that pertains to only the on-site installation. Information regarding assembly is included in separate shop drawings.

8. Site Furniture

- 8.1. Vol. 1, Sec. 7 DWG 61301 Bench:
Construction detail has been simplified to show information that pertains to only the on-site installation. Information regarding assembly is included in separate shop drawings.
- 8.2. Vol. 1, Sec. 7 DWG 61303 Litter Receptacle:
Construction detail has been simplified to show information that pertains to only the on-site installation. Information regarding assembly is included in separate shop drawings.
- 8.3. Vol. 1, Sec. 7 DWG 61305 Picnic Table:
Construction detail has been simplified to show information that pertains to only the on-site installation. Information regarding assembly is included in separate shop drawings.

9. Entry Features

- 9.1. Vol. 1, Sec. 6.9 Entry Features:
Included reference to the Naming Policy under the Municipal Policy Handbook.

10. Fencing:

- 10.1. Vol. 1, Sec. 6.10.1 General:
Requested that all fence components must be installed 150 mm inside private property.
- 10.2. Vol. 1, Sec. 6.13 Inspection Process:
Included requirements for compliance letter to ensure tolerances are met prior to FAC.
- 10.3. Vol. 1, Sec. 7 DWG 61201 1.8m Wood Screen Fence:
Included requirements pertaining to encroachment agreements and requirements for pressure treated wood on private vs. public fences.
- 10.4. Vol. 1, Sec. 7 DWG 61203 Noise Attenuation Fence:
Included drainage provisions and requirements for pressure treated wood on private vs. public fences.
- 10.5. Vol. 1, Sec. 7 DWG 61204 Wood Screen Fence Gate:
Included requirements for pressure treated wood on private vs. public fences.
- 10.6. Vol. 2, Construction Specification 606 Wood Screen and Noise Attenuation Fence:
Included tolerances for acceptance.
- 10.7. Vol. 2, Construction Specification 607 Chain link fence:
Included tolerances for acceptance.

10.8. Vol. 2, Construction Specification 608 Paige Wire Fence:
Included tolerances for acceptance.

11. Dog Off-Leash Parks

11.1. Vol. 1, Sec. 6.11 Dog Off-leash Parks:
New section. This section has been created to address provisions under the Strathcona County Dog Off-Leash Strategy.

12. Landscaping

12.1. Vol. 1, Sec. 6.12.1 General:
Utility setbacks have been revised to allow trees to be planted on top of sewer main and water mains, setbacks from tree trunks and surface apparatuses remain.

Included requirements for integrating native plant material and preventing monoculture.

12.2. Vol. 1, Sec. 6.12.4 Public Agriculture:
New section, this section has been created to align with Strathcona County's MDP and Urban Agriculture Strategy.

12.3. Vol. 1, Sec. 6.12.6 Naturalization:
Included requirements for maintenance of conserved areas until FAC to align with current practices.

12.4. Vol. 1, Sec. 6.13 Landscape Inspection Process:
Modified timelines for CCC and FAC inspections. Included requirement for aboveground FAC prior to soft landscape FAC.

12.5. Vol. 2, Construction Specification 601 Subgrade Preparation:
Increased sub-grade depth for areas designed for naturalization and planting beds and included tolerances of acceptance.

12.6. Vol. 2, Construction Specification 602 Installation of Topsoil:
Increased topsoil depth for planting beds and areas designed for naturalization and included tolerances of acceptance.

12.7. Vol. 2, Construction Specification 603 Seed and Sod:
Increased minimum allowable percentage of establishment of seed prior to issuance of FAC.

12.8. Vol. 2, Construction Specification 604 Plant Material:
Included maximum allowable percentages of plant material that can be replaced prior to soft landscape FAC inspection and new provisions to trigger an extension of warranty and maintenance.

12.9. Vol. 2, Construction Specification 605 Constructed Wetlands:
Included additional details for the design of constructed wetlands to reflect best management practises currently being implemented, to include low flow bypass requirements accommodating winter sump pump discharges, aligned inlet/outlet construction details with Section 4.4 and simplified access requirements for practical maintenance usage and consistency between facilities. Additional water quality monitoring specifications have also been included within this section, outlining requirements to meet provincial constructed wetland stormwater quality regulations.

13. VOLUME 1, SECTION 7: CONSTRUCTION DETAILS

NEW CONSTRUCTION DETAILS (New Drawing Number)	REMOVED CONSTRUCTION DETAILS (Former Drawing Numbers)
61004 Tree Protection Zone	61003 Machine Dug Tree
61102 Naturalized Planting Bed	61101 Coniferous B&B Shrub bed Planting
61202 Wood Screen Stepdown Fence	61203 3.0m Double fence Board
61209 Dog Park Double Gate	61211 Paige Wire fence
61215 Straight Wire Fence	61302 Single Pedestal Anchor Plate
61302 Backless Bench	61303 Single Pedestal Bench Detail
61304 Litter Receptacle Recycling Lid	61603 Bollard 1100mm Section
61306 Furniture Mounting Options	61604 Bollard Assembly Detail
61209 Accessible Fire Pit	61605 Bollard Flange Detail
61410 Turf Stone	61606 Bollard Locking Pin Detail
61506 Fitness Equipment Sign	61818 Double Timber Edger Layout for Volleyball
61507 Wayfinding Sign	61827 Alternative Playground Retainer
61508 Wayfinding Sign – Layout and Dimensions	
61509 Multi-purpose Sign	
61510 Multi-purpose Sign – Conceptual Layout	
61511 Sign Installation on U-Channel Post	
61515 SWMF Interpretative sign	
61703 Playground Sub-drainage Pipe	
61826 Multi-Purpose Field Drainage Patterns	

14. VOLUME 2: NEW SECTIONS

- 14.1. 609 Straight Wire Fence: to accommodate wildlife movement.
- 14.2. 614 Community Gardens: to align with Strathcona County's MDP and Urban Agriculture Strategy.

15. VOLUME 2: REMOVALS

- 15.1. 7.607 Rural Road and Reclamation Topsoil Placement: to reduce redundancy we propose amalgamating with Sec. 7.602 Installation of Topsoil.
- 15.2. 7.609 Rural Road and Reclamation Seeding: to reduce redundancy we propose having only one document that contains information about seed mixes; seed mixes from Sec. 7.609 have been amalgamated within Sec. 7.603 Seed and Sod.
- 15.3. 7.604 Barbed Wire Fence: removed and updated reference to Reference to *Standard Specifications for Highway Construction* by Alberta Transportation.
- 15.4. 7.807 Natural Area Maintenance: to reduce redundancy we propose amalgamating this Sec. with Sec. 7.603 Seed and Sod and Sec. 7.604 Plant Material.