

# Summer Village of Val Quentin

## INSTALLATION OF RESIDENTIAL DRIVEWAYS & CULVERT BYLAW NO. 264-18

### A BYLAW REGARDING THE INSTALLATION OF RESIDENTIAL DRIVEWAYS AND CULVERTS WITHIN THE SUMMER VILLAGE OF VAL QUENTIN, IN THE PROVINCE OF ALBERTA.

WHEREAS, Section 7 of the Municipal Government Act, R.S.A. 2000, c. M-26 as amended and any amendment or substitution thereof, provides that a Municipal Council may pass bylaws to provide for the safety, health and welfare of people and the protection of people and property;

AND WHEREAS the Municipal Government Act (the MGA) Division 2, Section 18(1) allows the municipality to control, direct and manage all roads within the municipality.

AND WHEREAS the Council of the Summer Village of Val Quentin deems it expedient and in the public's interest to pass a bylaw to regulate the construction of driveways and culverts to ensure a minimum amount of ditch will remain after a driveway or parking spot has been created. This includes specifications for culverts, and the requirement for a development permit for modifications to be done on the ditch within the Summer Village of Val Quentin.

#### **Section 1 – TITLE**

This Bylaw shall be cited as the “Driveways & Culverts Bylaw”

#### **Section 2 – DEFINITIONS**

In this Bylaw, including this section, unless the context otherwise requires:

“**Council**” means the Municipal council of the Summer Village of Val Quentin

“**Culvert**” means new galvanized corrugated steel pipe(s) or plastic pipes(s) complying with CSA Standard G401, and designed for culvert use, to act as drainage conduits to conduct the flow of surface drainage.

“**Ditch**” means a long narrow excavation adjacent to a roadway for the purpose of assisting the orderly flow of rainwater or snow melt with minimal damage or adverse erosion effects to the developed road or private property.

“**Driveway**” means vehicle access to or from private property by crossing boulevards, municipal property and/or ditches and is synonymous with the term “**approach**”. A driveway consists of two portions: (i) the property access portion connects the travelled part of the Summer Village road to the property line, and (ii) the residential portion starts at the property line and continues onto the lot.

**“Residential Culvert”** means culvert placed under a driveway leading to a property in the Village used primarily for residential purposes.

**“Rip-Rap”** means rock ranging in size from 150mm to 350mm.

**“Summer Village”** or **“Village”** means the entity of the Summer Village of Val Quentin.

### **Section 3 – RATIONALE**

- a) This Bylaw is intended to give guidance on the construction of residential driveways (approaches), and parking areas along the municipal roadways, while adhering to the original intention and integrity of the ditch which is for the purpose of assisting the orderly flow of rainwater or snow melt. Driveways can be counter-productive to proper drainage management even with culverts installed. Therefore, the limited length of residential culverts and proper diameter of same, with erosion protection (rip-rap), reduce the risk of plugging and negatively impacting the drainage management system.
- b) This Bylaw is intended to provide further guidance regarding ditches. Ditches which have been filled in, even with the installation of culverts, effectively removes the functionality of the ditch and may create drainage problems for neighbouring properties.
- c) This Bylaw is intended to provide for the control of orderly development within the boundaries of the Summer Village for maintaining and improving the infrastructure. This includes guidance on the installation of residential culverts for the purpose of proper drainage and safety.

### **Section 4 – SPECIFICATIONS**

Hard surfaced paving such as asphalt or concrete (which includes but is not limited to: driveways, patios, and sidewalks) is permitted but may not exceed 10% of the total lot coverage. Notwithstanding the previous, council may, at its sole discretion, approve an additional increase in the site coverage to a maximum of 15%, on a case-by-case basis. In no case shall drainage or runoff from parking areas on a property be allowed to migrate to adjacent properties or to the lake.

Landscaping and contouring of sites shall follow the natural terrain. No artificial grading shall be permitted that impacts the subject site or any adjacent site. No ponding shall be permitted at property lines. All runoff shall either be contained to recharge the subject site or drained off to the municipal drainage system of swales or culverts where applicable and shall not drain to adjacent properties.

Beginning on the date of approval of this Bylaw, all new residential driveways and culverts to be installed, and modifications of ditches shall meet the following criteria:

- a) The minimum culvert diameter shall be 400mm in accordance with the Land Use Bylaw, or equal to the existing upstream culvert, whichever is greater.
- b) Culverts shall have a minimum wall thickness of 1.6mm.
- c) The minimum width of a residential driveway shall be 5 metres.
- d) The maximum width of a residential driveway shall be 8 metres.
- e) Total driveway widths are not to exceed 50% of the width of the residential lot at the roadway.
- f) All culverts should be installed with beveled end-sections with the invert extended to the toe of the side slope. The edge of the beveled end shall not be rough cut and thereby hazardous. A 3 to 1 slope shall be maintained at each culvert end section.
- g) All culverts shall have rip-rap placed around the inlet and outlet sides with the rip-rap extending approximately one metre past the end of the culvert. For erosion protection, all ditches and areas around the ends of culverts shall be grassed.
- h) Couplings, fittings and hardware shall match the culvert pipe.
- i) All culverts shall be constructed using new galvanized pipe or of suitable materials for the use under a driveway.
- j) All culverts must be installed in a proper manner without any modifications to the ditch profile unless specified in the development permit application.
- k) The property access segment of the driveway shall be surfaced with well-compacted gravel, crushed rock, or asphalt (concrete, paving stones, or any other permanent or semi-permanent surfacing materials are not allowed). The residential segment of the driveway may be surfaced with any suitable material approved on the Development Permit (concrete, pavers, asphalt, and gravel are all acceptable).
- l) Other than Driveways, no other crossings may be constructed across Drainage Ditches, ie, Driveways are to be used as pedestrian access to lots.

All exceptions to the above shall be approved by the Village's Development Officer.

### **Section 5 - EXCLUSIONS**

A development permit is required for the installation of a driveway and culvert. However, following the following do not require the payment of a payment fee:

- Repair and/or upgrading of a driveway and/or culvert (includes widening);
- Demolition of a driveway and/or culvert;
- Installation or removal of a driveway and/or culvert to or from Municipal Lands.

**Section 6 – RETROACTIVITY**

This bylaw is not retroactive but significant driveway or culvert repairs or modifications shall meet this Bylaw.

Any modifications to ditches made prior to the date of this Bylaw which infilled the ditch without provision for a culvert installation or where the normal flow of water is impeded, shall be rectified in line with this Bylaw to the satisfaction of the Summer Village.

**Section 7 – SEVERABILITY**

Should any section or part of this Bylaw be found to have been improperly enacted, and become invalid, void, illegal or otherwise not enforceable, then such section or part shall be regarded as being severable from the rest of this Bylaw and the Bylaw remaining after such severance shall be effective and enforceable as if the section found to be improperly enacted had not been included as part of this Bylaw.

**Section 8 – REPEAL OF EXISTING BYLAW**

Any previous Driveway & Culvert bylaws, and amendments thereto, are hereby repealed.

**Section 9 – EFFECTIVE DATE**

This bylaw shall take effect on the date of the third and final reading.

Read the first time this 20th day of June, 2018.

Read the second time this 20<sup>th</sup> day of June, 2018.

Read the third time and duly passed this 20<sup>th</sup> day of June, 2018.

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Bob Lehman, Mayor  
Summer Village of Val Quentin

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Dennis Evans, Chief Administrative Officer  
Summer Village of Val Quentin

Signed: June 20<sup>th</sup>, 2018