

CITY OF MARTENSVILLE
FOUNDATION DRAINAGE DISCHARGE SYSTEM
BYLAW 14-2021

A BYLAW TO REGULATE THE INSTALLATION OF FOUNDATION DRAINAGE DISCHARGE SYSTEMS;

The Council of the City of Martensville, in the Province of Saskatchewan, enacts as follows:

PART I – INTERPRETATION

1. This Bylaw shall be cited as the “Foundation Drainage Discharge System”
2. **Application**
 - (a) This Bylaw in its entirety shall apply to all newly constructed structures including but not limited to residential dwellings and dwelling units with a subsurface drainage system within the City of Martensville for which a building permit has been applied for after and including February 1st, 2008.
 - (b) The areas that this bylaw refers to surface discharge will pertain to all sump pit discharges in the City of Martensville regardless of the date of installation.
 - (c) The areas Covering Surface Discharge in the Part II – Standards, as well as Part III – Enforcement, Part IV – Offenses and Penalties, and Part V – Severability will apply to all surface discharges.
3. **Definitions in this Bylaw**
 - (a) “Approved” means permitted, inspected or approved by the governmental agency or other authority having jurisdiction over the subject matter to which the approval relates;
 - (b) “Building Official” means the person appointed by Council, to perform the duties of this bylaw or any other bylaw or resolution of Council;
 - (c) “Council” means the municipal council of the City of Martensville;
 - (d) “Dwelling” means any structure used or occupied or intended for supporting or sheltering any residential use;
 - (e) “Owner” means a person who has any right, title, estate or interest in land or improvements other than that of a mere occupant, tenant or mortgagee;
 - (f) “Rear Yard” means that part of a site which extends across the full width of a site between the rear site line and the nearest main wall of a building or structure;
 - (g) “Sump Pit and Foundation Drainage Discharge System” means a system including sump, sump pump and related plumbing used to convey water collected by subsurface drainage to the surface;
 - (h) “City” means the City of Martensville.

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PART II – STANDARDS

4. Products

- (a) Weeping tile
 - (i) Shall be no less than 100mm in diameter
 - (ii) Shall conform to the National Building Code of Canada material standards for Drainage Tile Pipe.
- (b) Granular Drainage Material
 - (i) Shall consist of 25mm washed crushed drainage rock or other coarse clean granular material containing not more the 10% of material that will pass a 4 mm sieve.
- (c) Sump Pit
 - (i) Shall be no less than 750mm deep, and 0.25m² in area.
 - (ii) Shall be provided with a child resistant cover.
 - (iii) Must prevent soil gas from entering the building.
 - (iv) Must be a minimum of 1 metre from any footings.
 - (v) Must be constructed of concrete, corrosion-resistant steel, fiberglass, plastic, or other suitable material approved by the City of Martensville.
- (d) Sump Pump
 - (i) Shall be equipped with a float or similar mechanism to ensure pump is engaged when the sump pit has significant amount of water and disengages pump once water level has been reduced.
 - (ii) Shall be sized to handle the maximum potential flows entering the sump and headloss of the discharge pipe.
 - (iii) Must be CSA approved.
- (e) Discharge Pipe
 - (i) Must be constructed of 38mm ABS pipe.
- (f) Storm Sewer Service
 - (i) Must be constructed of PVC Sewer Pipe.
 - (ii) Must be a minimum of 100mm in diameter

5. The owner of every newly constructed structure with a foundation drainage system shall install a sump pit and sump pump which will discharge to a surface drainage system or directly to the City's storm sewer system if a storm sewer connection is provided to the property.

- (a) Discharging to the surface:
 - (i) A sump pit and surface drainage system with a discharge to the surface as shown on Schedule "A", shall be installed.
 - (ii) Discharge shall not be directed onto a pervious ground surface within 2 meters of any building.

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- (iii) **Discharge** shall be directed to the **rear yard** of the property and shall not traverse onto any adjacent property, unless it is part of a surface drainage system.
 - (iv) Sump pump shall not be directly discharged into a rear alley or side street.
 - (v) Sump pump shall not be discharged within 3 metres of the rear property line, nor within 1 metre of a side property line.
 - (vi) Piping shall exit the residence from the rear exterior wall
 - (vii) Any deviation from rear yard discharge will have to be approved by the City Manager; representative appointed by the City Manager or the Director of Infrastructure and Planning and will have to be in writing.
- (b) Discharging to a storm sewer system
- (i) Only applicable to dwellings where a storm sewer system service connection is available and has obtained the written consent by the City Manager or the Director of Public Works.
 - (ii) An auxiliary surface discharge must be installed to direct overflow to a surface drainage system in the event that the storm sewer system is surcharged or when the standpipe may become frozen.
 - (iii) Storm service from the storm sewer main must have a slope no less than 1.0%.
6. The Sump Pit and Surface Discharge System shall be installed by a Journeyman Plumber in such a manner as to comply with all municipal bylaws and policies and other applicable regulatory authorities and without causing excessive ponding or icing on public or private property.
- (a) A check valve must be installed to prevent drainage from flowing back into the sump pit
 - (b) A shut-off valve shall be installed downstream of the check valve.
7. The costs associated with installing a Sump Pit and Surface Discharge System will be the sole responsibility of the owner.
8. The standards for a Sump Pit and Surface Discharge System as set forth in Schedule “A” to this Bylaw shall be the standards for the City of Martensville, and the said Schedule “A” is hereby enacted and adopted as part of this Bylaw.
9. The sump pit shall be in close proximity to the floor drain with the concrete floor being graded toward the floor drain. If the sump pit cannot be located close to the floor drain a backup power supply is recommended. No relief piping or any overflow piping from the sump pit to the floor drain area will be allowed.
10. By no circumstances may a subsurface drainage system be discharged into the sanitary sewer unless written permission is given from the Director of Infrastructure and Planning. This includes but not limited to direct connections of weeping tile into the sanitary sewer system. Any resident applying for permission to discharge into the sanitary sewer system shall fill out the “Sump Pump Diversion Application”. Permission to discharge to the sanitary sewer system is at the sole discretion of the Director of Infrastructure and Planning, or the City

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Manager.

11. Every person applying for permission to discharge into the sanitary sewer system shall pay the application fee as set out in Schedule "B".
12. No development permit shall be issued, if a sump pit and surface drainage system is not shown on the set of building plans.

PART III – ENFORCEMENT

13. **Enforcement of Bylaws**

The administration and enforcement of this Bylaw is hereby delegated to the Building Official or the Bylaw Enforcement Officer or a Representative appointed by the City Manager.

PART IV – OFFENCES AND PENALTIES

14. Any person in violation of a provision of this Bylaw shall be deemed guilty of an offence and shall be liable upon summary conviction to a fine of not less than \$500.00 but not exceeding:
 - (a) \$10,000.00 in the case of an individual; or
 - (b) \$25,000.00 in the case of a corporation

PART V – SEVERABILITY

15. If a Court of competent jurisdiction should declare any section or part of a section of this Bylaw to be invalid, such section or part of a section shall not be construed as having persuaded or influenced the Council to pass the remainder of the Bylaw, and it is hereby declared that the remainder of the Bylaw shall be valid and shall remain in force and effect.
16. Bylaw No. 1-2008 is hereby repealed.
17. **Coming into Force**

This Bylaw shall come into force on the day of its final passing.

Read a first time this 19th day of October 2021
Read a second time this 19th day of October 2021
Read a third time and adopted 19th day of October 2021

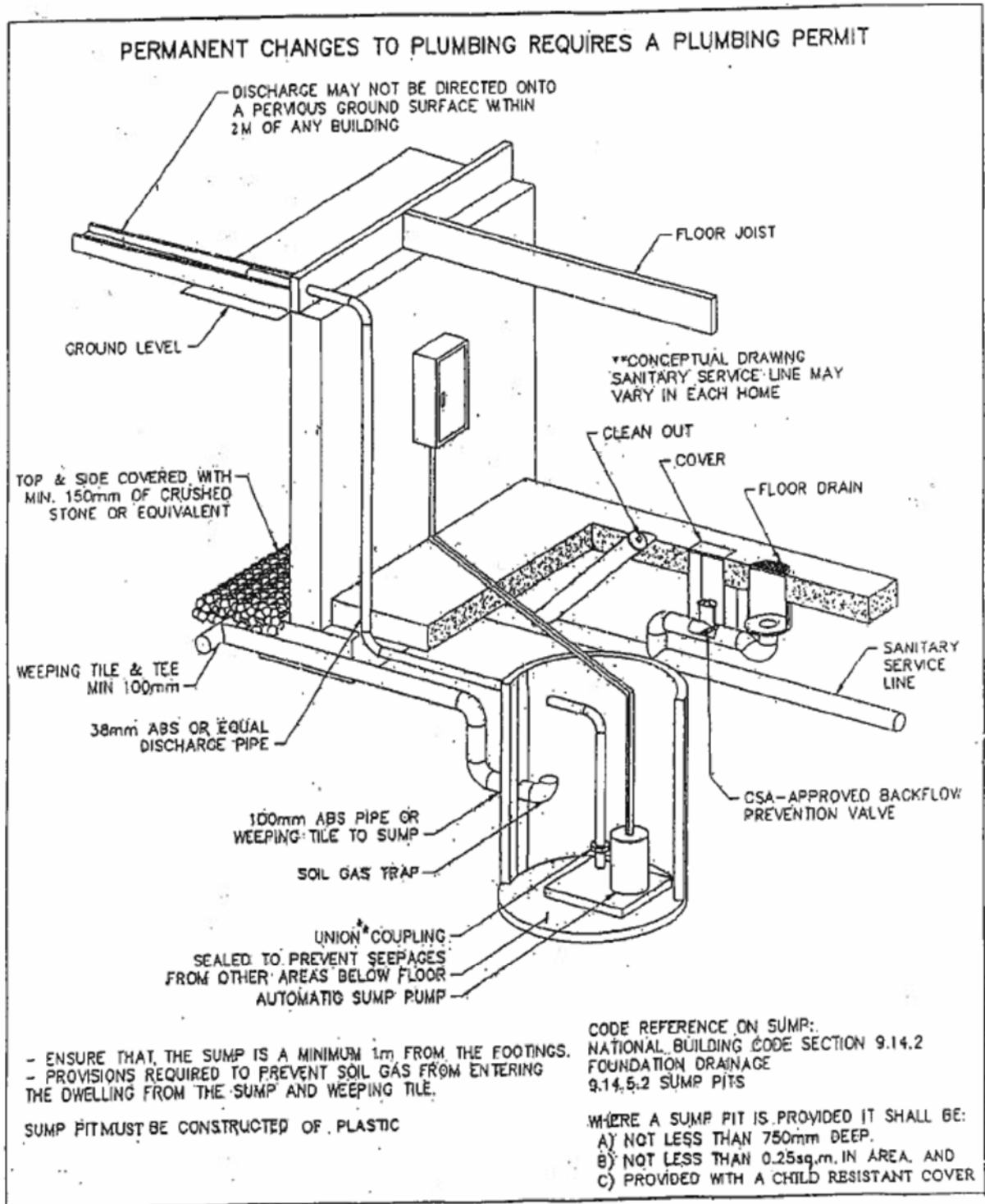
Mayor

City Clerk

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Schedule "A"

SUMP PIT WITH SURFACE DISCHARGE



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Schedule “B”

1. Fees

- | | |
|--------------------------------------------|-------------|
| a. Discharge Permit Application Fee | \$50 |
|--------------------------------------------|-------------|



Sump Pump Diversion Application

Address: _____

Description of sump pump issue: _____

How long has this been an issue? _____

Is this an issue: ☐ All year ☐ Seasonally Approx. from (month) _____ to _____

How long have you lived at this address? _____

Do you know of any neighbours having similar issues? _____

What steps have you taken to try and eliminate the issue? _____

Resident/Owner Information

Name: _____ E-mail: _____

Emergency Contact Number (24 hour): _____ Other Phone: _____

Alternate Contact (if applicable): _____

The applicant agrees to indemnify and hold harmless the City of Martensville, employees and Council members from and against any claims, liabilities, losses and expenses including without limitation claims relating to property damages, personal injury or death including lien claims arising from the construction, operation and maintenance of the sump diversion referred to in this application, except for claims arising from the direct negligence of the City of Martensville. The provisions of this section are to continue after the expiry of this permit. The applicant agrees to all terms and conditions set out in City of Martensville bylaws or any terms and conditions set out by the Director of Infrastructure and Planning or an authorized agent, and accepts responsibility for all costs incurred for permanent repairs carried out by the City of Martensville or its agents.

Applicant Signature

Date

City Hall Use Only

Supplementary conditions: _____

Application Fee Paid? ☐ Yes ☐ No Permit Expiry Date: _____

Signature: _____ Date: _____ ☐ Approved ☐ Rejected