



## CITY OF HUMBOLDT POLICY #1565

TITLE: Storm Water Rebate Program  
ADOPTED BY: Council

ORIGIN: Administration  
REVIEWED BY: Works & Utilities Committee  
JURISDICTION: City of Humboldt

EFFECTIVE DATE: July 26, 2010      AMENDED: February 24, 2014  
PAGES: 1

### **Preamble:**

The Storm Management Rebate Program is established to assist eligible property owners with the installation of protective plumbing to decrease the risk of future flooding and the resulting damage.

Under this program, protective plumbing refers to sump pumping systems and back-flow valves and the disconnection of weeping tile water from the sewer system. Installation must also be inspected by the City of Humboldt or its agents.

### **Bylaw No. 21/2010 – Article 3.7**

**Sanitary Sewer Use Restriction – No person shall cause or permit storm water or ground water to enter into or be diverted or directed into the sanitary sewer. Notwithstanding the generality of the foregoing, no person shall cause or permit water from rain downspouts, eaves troughs, weeping tile or sump pits to enter the sanitary sewer.**

### **Eligibility:**

This program applies to all eligible property owners who wish to protect their homes from sewer backups and by helping the City to eliminate weeping tile water inflows from their property in to the sanitary system. **The sump pump connections to the outside of the building must remain permanent. The water is not allowed to go into the sanitary sewer system (see Bylaw No. 21/2010 – Article 3.7).**

Property owners may be eligible for reimbursement under the Storm Management Rebate Program as determined by the City of Humboldt if:

- The procedures outlined below have been followed to the satisfaction, in the sole discretion of the City; and

Reimbursement will NOT be granted where:

- The property owner/licensed plumbing contractor do not complete the proper applications and receive proper approvals. The City reserves the right to deny eligibility for lack of required applications or not receiving applications in advance.
- Installations do not pass inspection by the City or its authorized agents.
- Where sump pit discharge pipes have dual connections by valve (or other) to the sanitary sewer and outside the building.

The following work will qualify for rebates as indicated below:

1.	Installation of back-flow valve (CSA Approved)	Up to \$200.00
2.	Installation of pipes to discharge sump pit water outside - Professionally installed - Self-Installation as per City specifications	Up to \$250.00 <u>or</u> Flat \$150.00
3.	Disconnect weeping tile from sewer system and drain weeping tile into new sump pit.	Up to \$800.00
4.	If all above actions are completed Premium Added:	Flat \$250.00
<b>TOTAL POTENTIAL REBATE:</b>		<b>\$1,400.00 - \$1,500.00</b>

**ELIGIBLE COSTS:** (to a maximum of \$1,400.00 to \$1,500.00)

- Assessment costs (site visit by selected plumber)
- Labor costs
- Back-flow valve (CSA approved)
- Couplings
- Pipe
- Concrete cutting and replacement
- Gravel
- Sump Pit
- Sump Pump
- Electrical wiring
- Pump Discharge hose
- Exterior concrete spillway for sump pump discharge water
- Private drain capping device

**PROCEDURE:**

Eligible property owners should follow this procedure:

1. Obtain detailed work estimates from a licensed plumbing contractor.
  - A licensed plumbing contractor must assess the property and recommend installations to satisfactorily protect the home.
  - Homeowners are responsible for choosing the best solution for their home.
  - The City of Humboldt is not responsible for defective, incomplete or warranty work performed by the contractor.

2. Complete Necessary Applications
  - Application should indicate the proposed work being undertaken under this program.
  - City Administration will provide all necessary applications, forms and recommended installation procedures to those wishing to utilize this program.
3. Carry out the Work
  - All installation work must be completed within 6 months of date of application.
4. Arrange for City Inspection
  - When work is completed, but has not been covered from view, the City or its agent must examine and approve the finished installation.
  - The City or its agent will provide a document of completion.
5. Submit documentation to the City
  - Complete application form.
  - Copies of paid invoices from plumbing contractor and/or other relevant suppliers.
  - Copies of photographs of work completed.
6. Wait for payment
  - The City retains the right in its sole discretion to determine eligible payments as outlined in this policy.
  - The City will make every effort to provide reimbursement of the eligible costs within 6-8 weeks upon receiving all necessary documents.
7. The City retains the right to limit the amount of funding available for this program each year.



**STORM WATER REBATE APPLICATION**

This program applies to all eligible property owners who wish to protect their homes from sewer backups and eliminate inflows from their property to the sanitary system.

Name: \_\_\_\_\_

Civic Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Please check what work has been completed:

- \_\_\_\_\_ Back-flow Valve Installation Only – Up to \$200.00
  - \_\_\_\_\_ Proper Discharge of Sump Pump Pit (Professionally) – Up to \$250.00
  - \_\_\_\_\_ Proper Discharge of Sump Pump Pit (Self-Installation) – Flat \$150.00
  - \_\_\_\_\_ Redirection of Weeping Tile & Sump Pump Installation – Up to \$800.00
  - \_\_\_\_\_ Premium for all the above work being completed – Flat \$250.00
- Potential Total - (\$1400 or \$1500)

The following information must be supplied following project completion:

- \_\_\_\_\_ 1. Copies of itemized paid invoices from plumbing contractors and/or other relevant suppliers.
- \_\_\_\_\_ 2. Photographs of work completed.

Upon final approval by the City, the rebate for applicable project costs will be paid to the property owner.

I/We hereby attest that the attached documents are true and correct copies of original documents of the actual project costs incurred, and that I/we are the owner(s) of the above property. The owner(s) agrees and understands that the installation of the protective plumbing at this location is not an admission by The City of Humboldt of liability for any damage caused by sewer backup. The owner(s) further agrees and understands that the City shall have no liability or responsibility for future malfunctions or problems regarding the protective plumbing at this location. Protective plumbing itself can lead to self-flooding in certain circumstances, such as a storm when the back-flow valve is or may have closed.

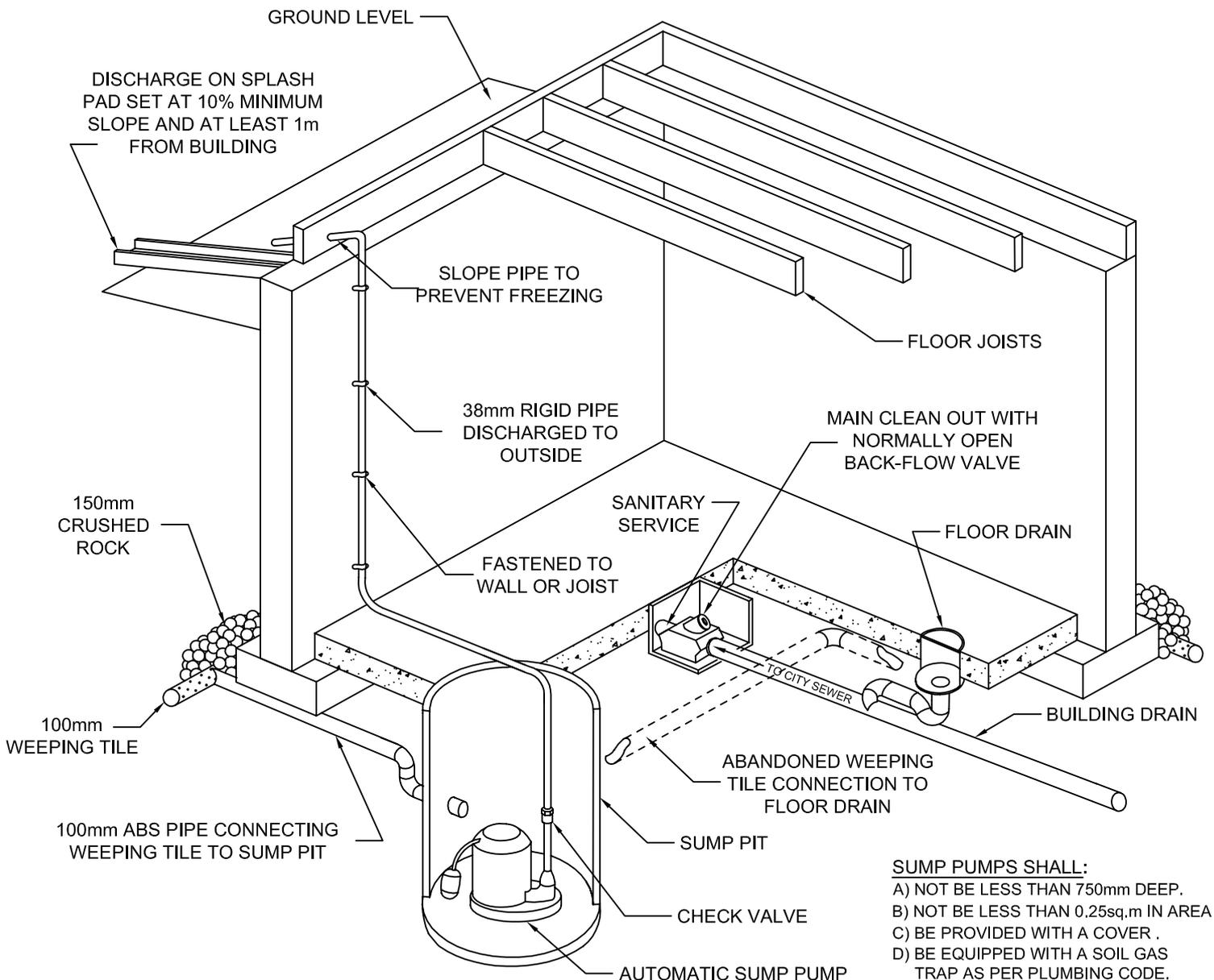
\_\_\_\_\_  
Date

\_\_\_\_\_  
Owner Signature

<b>FOR CITY USE ONLY</b>	<b>Application No.</b>
Date Received: _____ By: _____	_____
Date Approved: _____ By: _____	_____

# PROPER SUMP PUMP TO EXTERIOR DISCHARGE (RETROFIT INSTALLATION)

Proper foundation drainage consists of weeping tile connecting into a sump pit. The a sump pump then discharges storm water outside of the building. This configuration does not allow storm water (entering from the weeping tile) to enter the sanitary sewer system, and therefore does not contribute to sanitary sewer surcharges. A back-flow valve prevents the basement from sewer backups if the city's sanitary sewer system surcharges for any reason.



- SUMP PUMPS SHALL:**
- A) NOT BE LESS THAN 750mm DEEP.
  - B) NOT BE LESS THAN 0.25sq.m IN AREA
  - C) BE PROVIDED WITH A COVER .
  - D) BE EQUIPPED WITH A SOIL GAS TRAP AS PER PLUMBING CODE.

**TIPS:**

Use sump water for irrigating lawn, trees and shrubs.

Do not discharge sump water directly to the rear lane, as the gravel may become saturated which could lead to rutting and additional maintenance.

In most cases, sump pumps discharge minimally in the winter months due to limited precipitation and low water tables. To prevent the discharge pipe from freezing, ensure the pipe has adequate slope, and remove all hose attachments prior to the winter season. Ensure discharge is kept away from sidewalks, roadways, and neighbouring properties to prevent icy surfaces. Utilize a splash pad and keep it clear of snow to prevent ice build-up against your exterior wall.

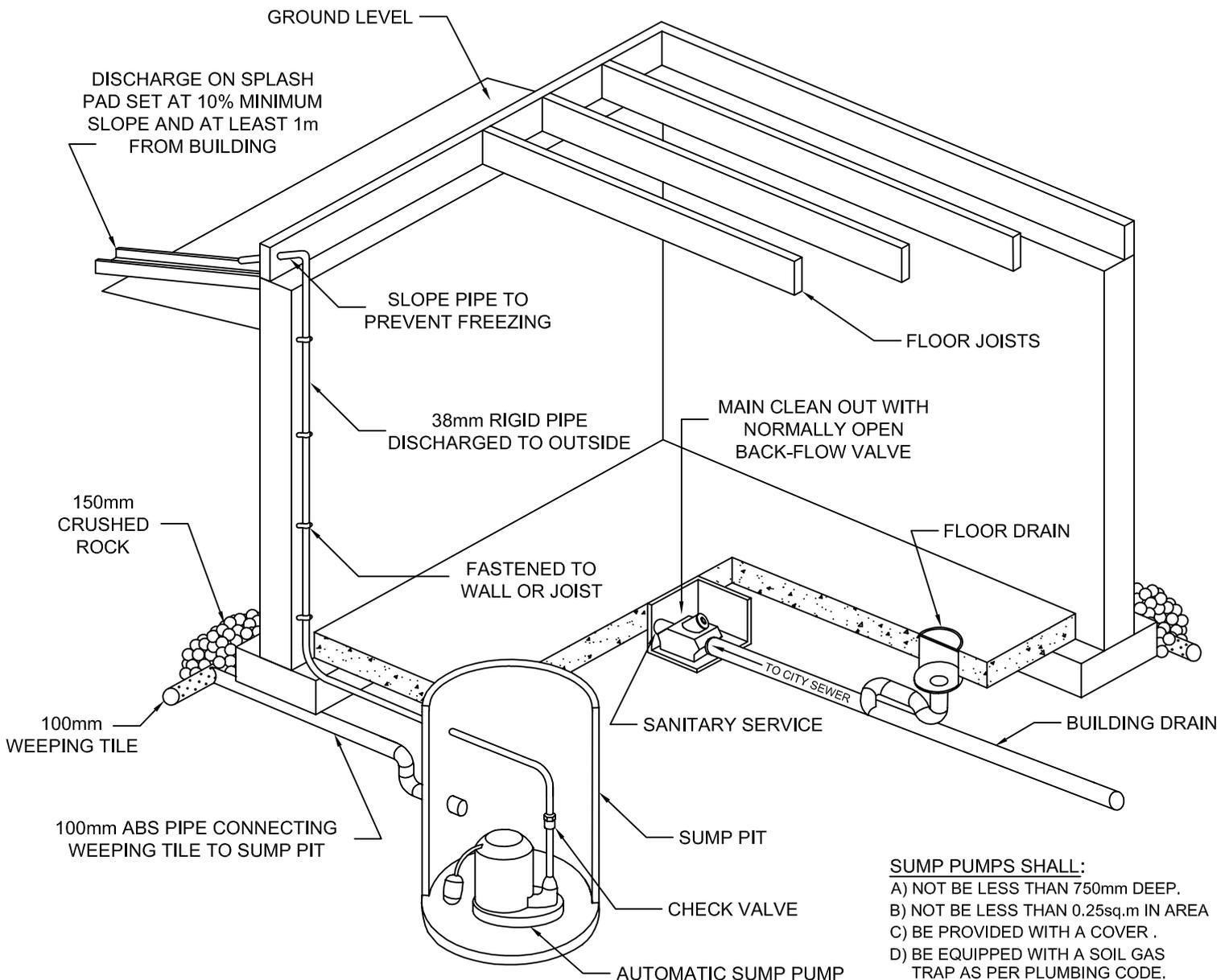
\*\*This drawing is for CONCEPTUAL PURPOSES ONLY. Actual plumbing may vary.

REFER TO THE NATIONAL BUILDING CODE SECTION 9.14.2 FOUNDATION DRAINAGE & 9.14.5.2 SUMP PITS.



# PROPER SUMP PUMP TO EXTERIOR DISCHARGE (NEW CONSTRUCTION)

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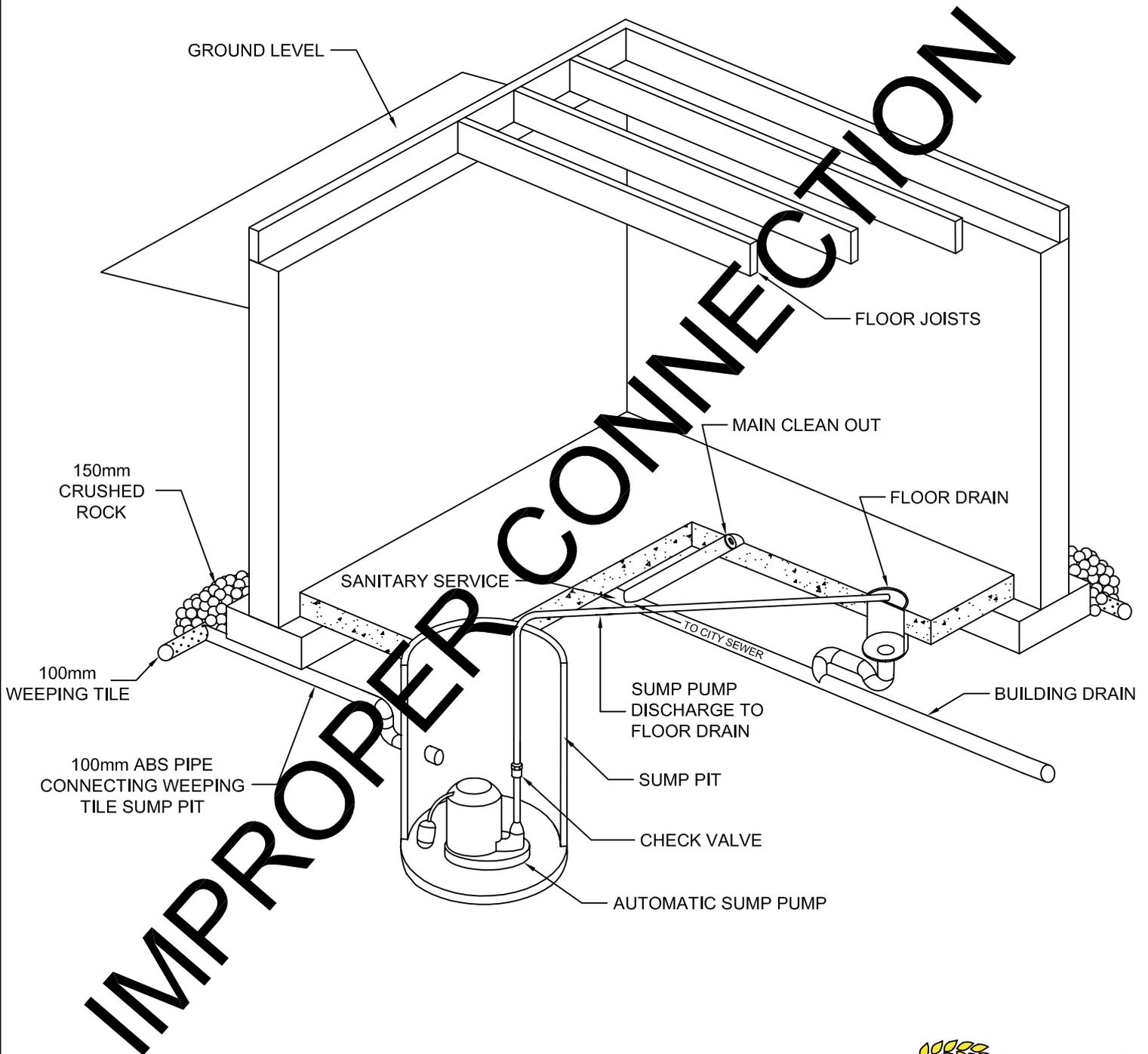
REFER TO THE NATIONAL BUILDING CODE SECTION 9.14.2 FOUNDATION DRAINAGE & 9.14.5.2 SUMP PITS.



# IMPROPER SUMP PUMP TO SANITARY SEWER DISCHARGE

Sump Pumps connecting to sewer services allow large amounts of storm water (entering from the weeping tile) to enter into the city's sanitary sewer mains. During heavy rain storm events, this can contribute to the surcharging of the city's sewer system.

Remedies include removing the existing sump pump discharge pipe from the floor drain, and installing a proper 38mm ABS (or equivalent) pipe to the outside lawn area.



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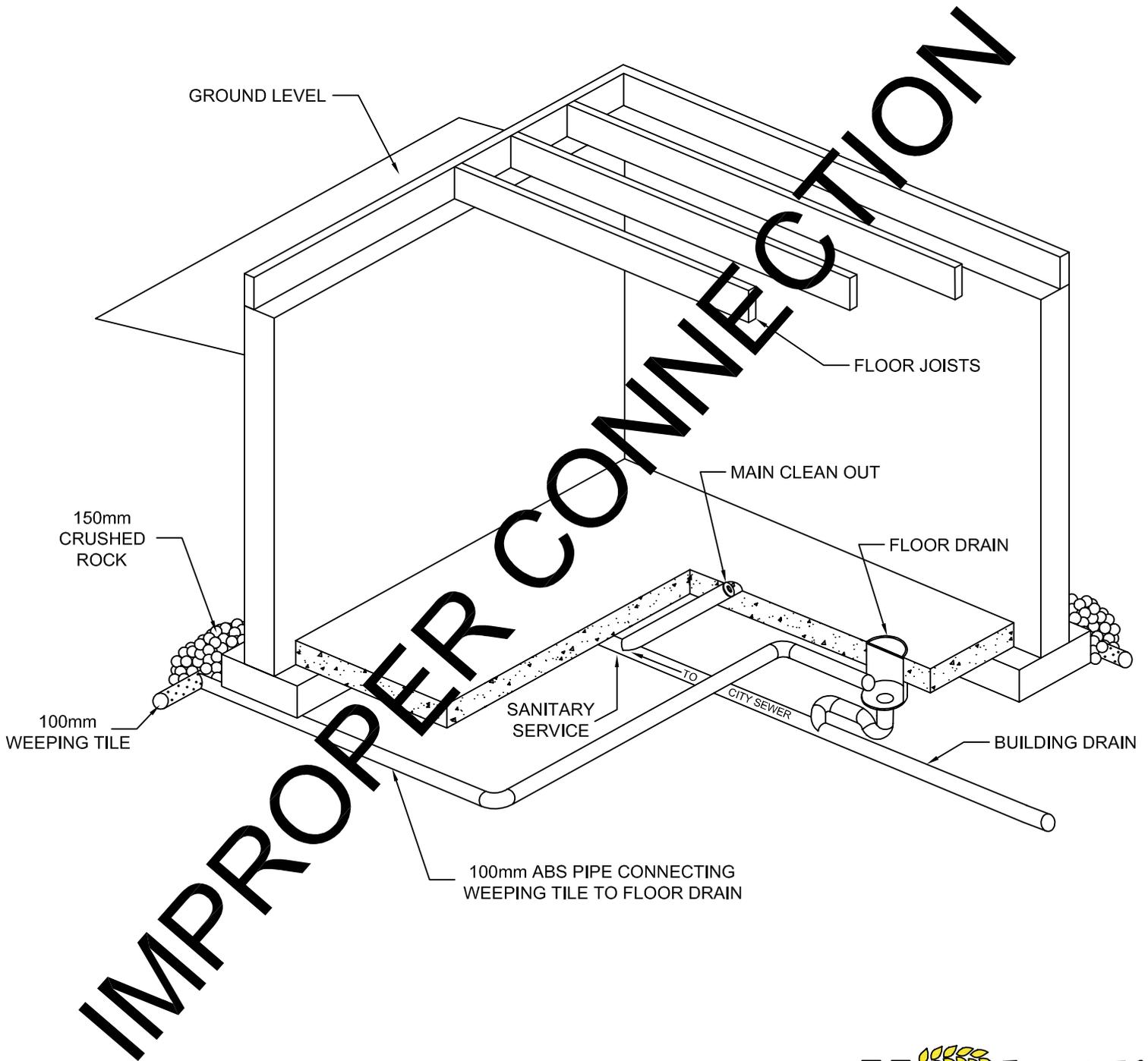
REFER TO THE NATIONAL BUILDING CODE SECTION 9.14.2 FOUNDATION DRAINAGE & 9.14.5.2 SUMP PITS.

*Humboldt*

# IMPROPER WEEPING TILE TO SANITARY SANITARY SEWER CONNECTION

Weeping tile connecting to sewer services allow large amounts of storm water (entering from the weeping tile) to enter into the city's sanitary sewer mains. During heavy rain storm events, this can contribute to the surcharging of the city's sewer system, causing sewage to backup into basements.

Remedies include the installation of a sump pit (properly connected to the weeping tile), sump pump (properly discharging outside to a lawn area), the removal of the weeping tile connection to the floor drain, and the installation of a back-flow valve on the sanitary service.



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REFER TO THE NATIONAL BUILDING CODE SECTION 9.14.2 FOUNDATION DRAINAGE & 9.14.5.2 SUMP PITS.

*Humboldt*