



THE CORPORATION OF THE DISTRICT OF OAK BAY
 MUNICIPAL HALL – 2167 OAK BAY AVENUE – VICTORIA, B.C. V8R 1G2
 PHONE (250) 598-3311 FAX (250) 598-9108 WEBSITE: www.oakbay.ca

INSTALLATION OF PRIVATE IRRIGATION SYSTEMS ON MUNICIPAL BOULEVARDS

APPLICATION

Owner	Telephone No.
Address	Email:
Contractor	Telephone No.
Address	Email:
Subject Property Address	

I am applying to the Municipality of Oak Bay to install, maintain and repair an irrigation system within the Municipal boulevard fronting the property at _____ and shown on the attached sprinkler installation plan dated _____. If this application is approved, we hereby agree to abide by all relevant Provincial and Municipal regulations and bylaws applicable to the installation of this proposed irrigation system, including the "Conditions of Approval" outlined on the opposite side of this form.

_____ Date

_____ Owner's Signature

_____ Date

_____ Contractor's Signature

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PERMIT

Permission is hereby granted to install a private irrigation system within the Municipal boulevard fronting the property as stated above subject to the applicants complying with all applicable regulations, bylaws and **"Conditions of Approval" shown on the reverse side of this form.**

Plumbing Permit Issued? _____

_____ Date

_____ Engineering Department

Distribution:

Engineering	Parks
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Conditions of Approval

1. Prior to the Permit taking effect and the commencement of work, **detailed drawings showing dimensions, locations of shut off valve, backflow protection devices, sprinkler heads etc relative to property lines must be submitted** and the **owner of the property shall sign a Boulevard Encroachment Agreement** in the form attached hereto, binding the owner and successors in title to the conditions set out therein.
2. Installation of approved backflow protection devices shall be installed to as required by all applicable Codes and Bylaws.
3. A shut off valve shall be installed at the street boundary for all sprinkler zones and shall be accessible to Municipal personnel.
4. All irrigation systems shall be designed so that all spray from sprinkler heads is directed away from sidewalks, driveway crossings and bus pads, etc.
5. The owner's contractor shall obtain a Plumbing Permit from the Municipal Building Department prior to commencing work.
6. The owner's contractor shall install the irrigation system in accordance with all applicable plumbing regulations.
7. If the work comes within 3 metres of a public or protected tree [Garry Oak] and, at that point, the roots are 4 centimetres or larger, then the work must be tunnelled around the roots.

Please contact the Municipal Parks Department at **592-7275** if you require further information.

Date

Owner's Signature

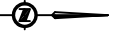
Date

Contractor's Signature

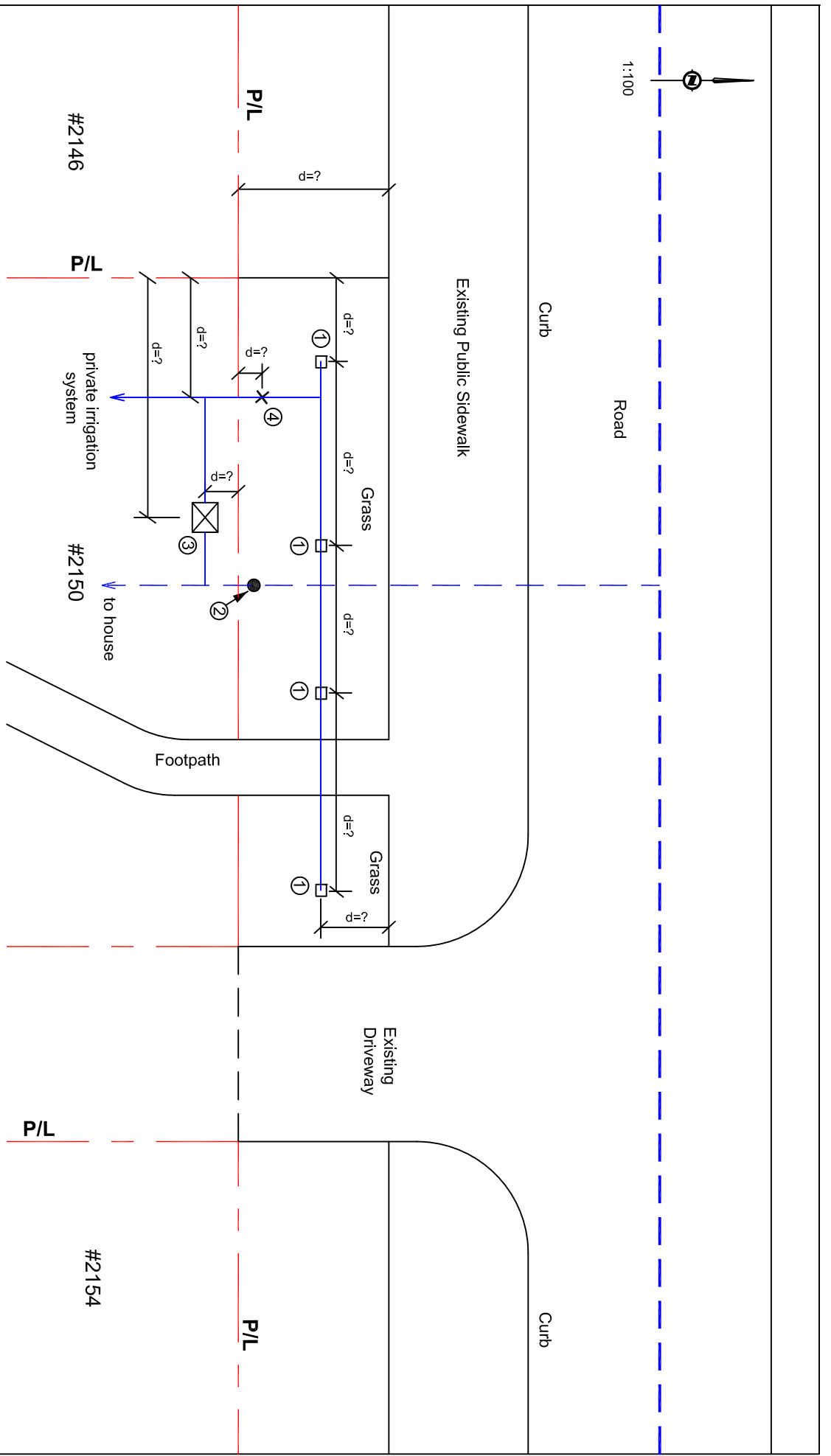
SPECIFICATIONS FOR THE INSTALLATION OF IRRIGATION SYSTEMS ON MUNICIPAL PROPERTY

1. The Contractor shall install the irrigation system in accordance with all applicable plumbing regulations.
2. The Contractor shall be solely responsible to locate all existing services in the vicinity prior to commencing work.
3. The Contractor shall be responsible for the repair and reinstatement of Municipal property to the satisfaction of the Municipal Engineer or his designate.
4. As built drawings of the irrigation system on the boulevard shall be submitted to the Municipal Engineer.
5. All irrigation systems shall be isolated from the Municipal watermain by a gate valve installed three [3] feet from the Municipal water meter.
6. All pressurized lines shall be copper or CSA approved Schedule 40 PVC pipe.
7. Lateral lines shall be Class 200 PVC pipe.
8. The main line shall be installed a minimum of 16" below grade and laterals a minimum of 12" below grade.
9. All piping shall have a bed of good rock-free soil, 3" below and 6" above.
10. All sprinkler zones shall have head to head coverage, spacing 50% of diameter of the throw of the sprinkler.
11. All sprinklers shall be installed on swing joints using PVC 90° street elbows and PVC Schedule 80 nipples. All turf valves shall be installed on swing joints using brass street elbows and brass nipples.
12. Flow rates through meters, backflow prevention devices and valves shall not exceed manufacturer specifications.
13. Flow rates through piping shall not exceed 5' per second on pop-up zones and 4' per second on rotor zones.
14. Sprinklers and turf valves shall be flush mounted at finished grade.
15. All piping shall be flushed prior to installation of sprinklers or turf valves.
16. All valves shall be installed in a meter box or vault that allows sufficient access to effect repairs and maintenance.
17. Sprinklers shall be installed a minimum of 1" and a maximum of 2" away from any retaining wall, sidewalk or solid boundary.
18. The Contractor shall be responsible to call for inspections of the work.

Detailed drawings showing dimensions, locations of shut off valve, backflow protection devices, sprinkler heads etc relative to property lines must be submitted



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Notes:

- ① Sprinkler head (extension of permitted private system) to code with backflow prevention
- ② Water meter and non-testable device
- ③ Testable backflow device
- ④ Shut off valve for boulevard irrigation system

- a) All installations on public property MUST be accurately dimensioned so they can be readily retrieved as needed.
- b) All irrigation system MUST be separated from the municipal portable water by an approved testable backflow device.
- c) All irrigation systems on the boulevard MUST be zoned separately with a shut off valve.

Sample Plan to Accompany
Boulevard Encroachment Application
IRRIGATION ONLY