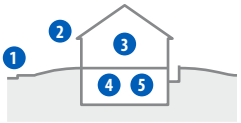
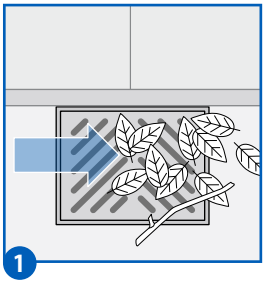
# THREE STEPS TO COST-EFFECTIVE HOME FLOOD PROTECTION

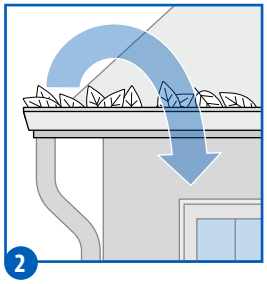
## Step 1: Maintain what you've got at least twice per year



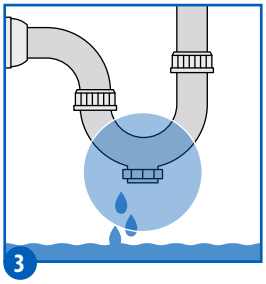
**Do-it-yourself, $0**



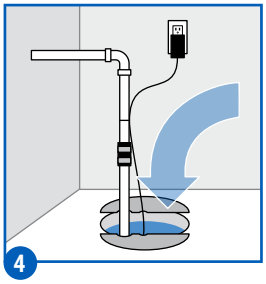
Remove debris from nearest storm drain or ditch and culvert.



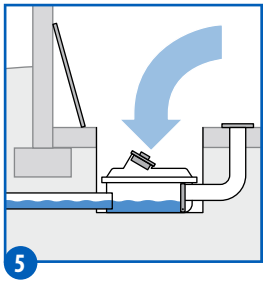
Clean out eaves troughs and make sure downspout flow is not blocked.



Check for leaks in plumbing, fixtures and appliances.

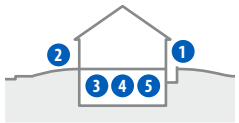


Clean out sump pit and test sump pump.

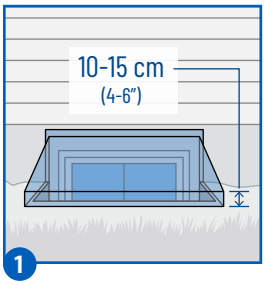


Clean out your backwater valve.

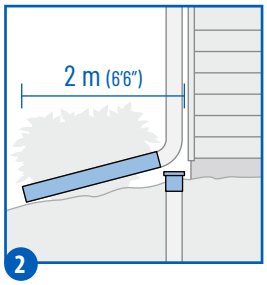
## Step 2: Complete simple upgrades



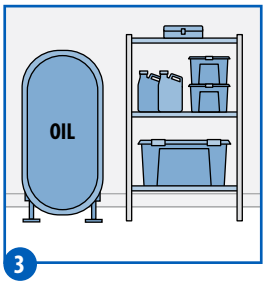
**Do-it-yourself, for under $250**



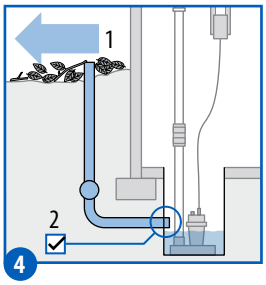

Install window wells that sit 10-15 cm above ground, and window well covers (where fire escape requirements permit).



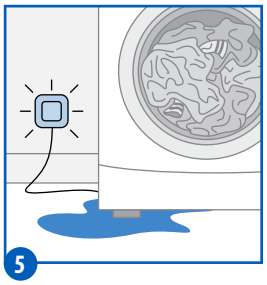

Extend downspouts and sump discharge pipes to direct water at least 2 m away from your foundation.




Store valuables and hazardous materials in watertight containers and secure fuel tanks.

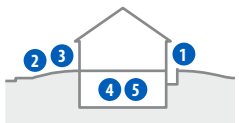



(1) Remove obstructions to perimeter drain trough and (2) ensure trough is connected to drain into sump pit.

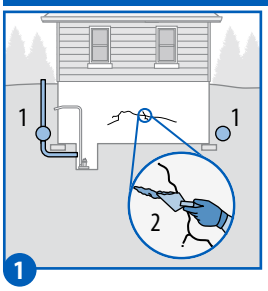


Install and maintain flood alarm sensors.

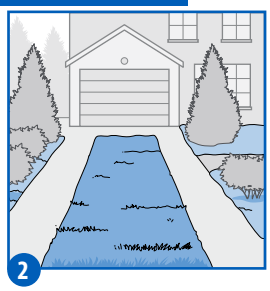
## Step 3: Complete more complex upgrades



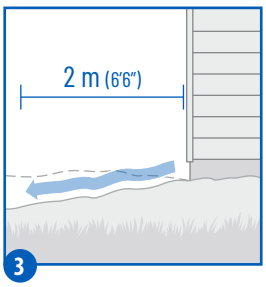
**Work with a contractor, for over $250**



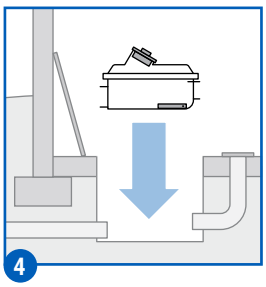

(1) Install a functional drain tile system around the perimeter of your basement foundation and (2) seal cracks in foundation walls.



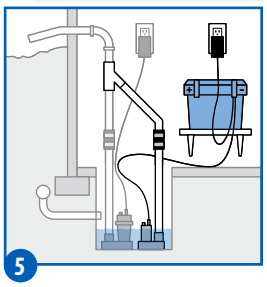
Convert paved areas to vegetation which absorbs more water and less heat.




Correct grading to direct water at least 2 m away from foundation.



Install back-flow prevention valve in sewage line.



Install a battery-operated back-up sump pump system.

UNIVERSITY OF WATERLOO | intact Centre on Climate Adaptation

Scan the code or visit www.resilienthomespei.ca for additional resources.