



# Downspout Disconnection

**Getting rainwater  
off the roof, out of  
the sanitary and  
into your rain  
garden or cistern**

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Seattle Public Utilities

Installing Rain Gardens & Cisterns

*Trainings for contractors, 11/3/2011*

[www.seattle.gov/util/rainwise](http://www.seattle.gov/util/rainwise)





# FIRST THINGS FIRST



- What is the downspout connected to now?
- Does the water have a good place to go?
- How are you getting it there?



# Assemble your tools

- Hacksaw, pliers, screw driver, tape measure
- Sheet metal screws, expansion plug or cap, downspout elbow and extension
- Band-aids

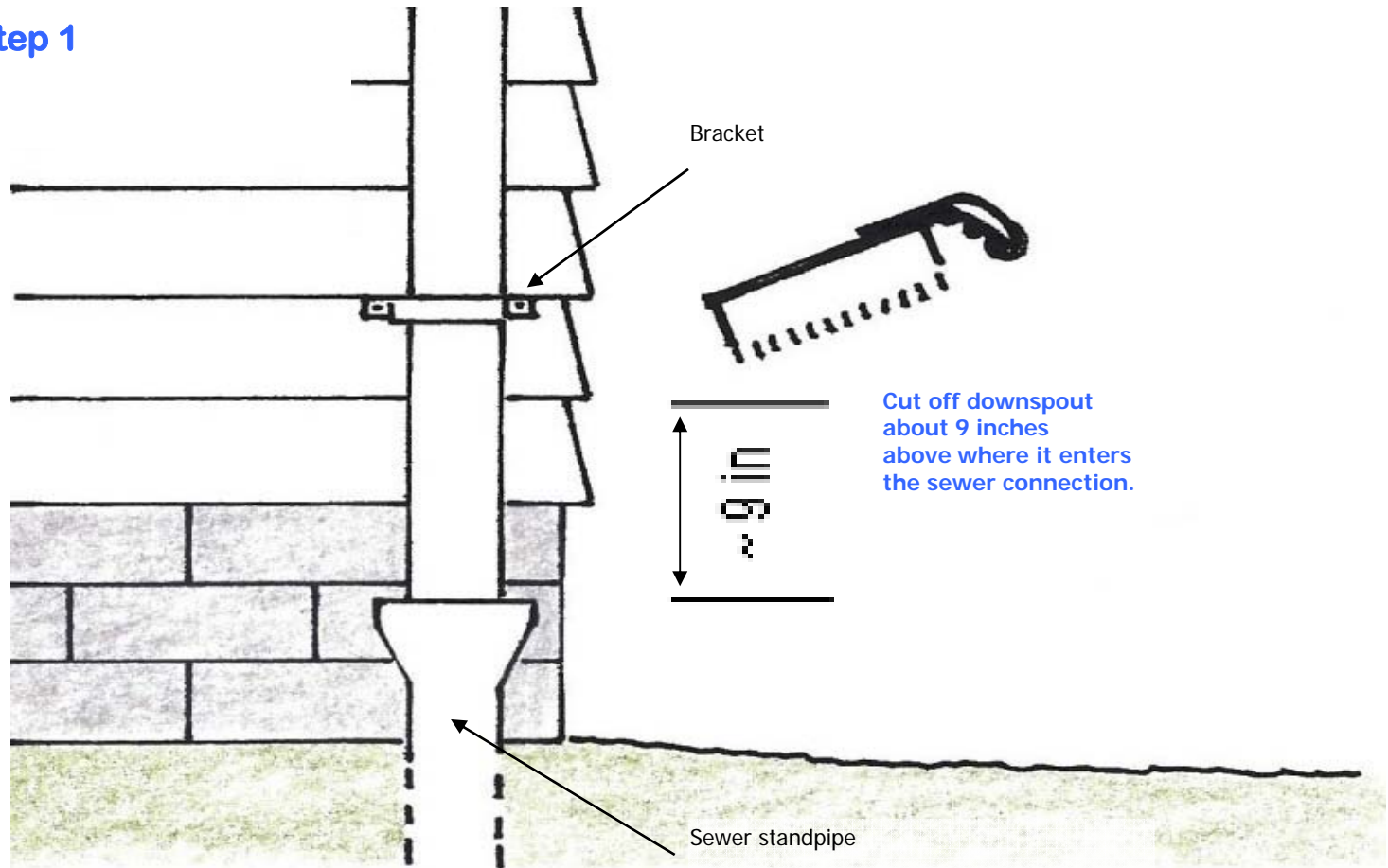




# Cut it and cap it

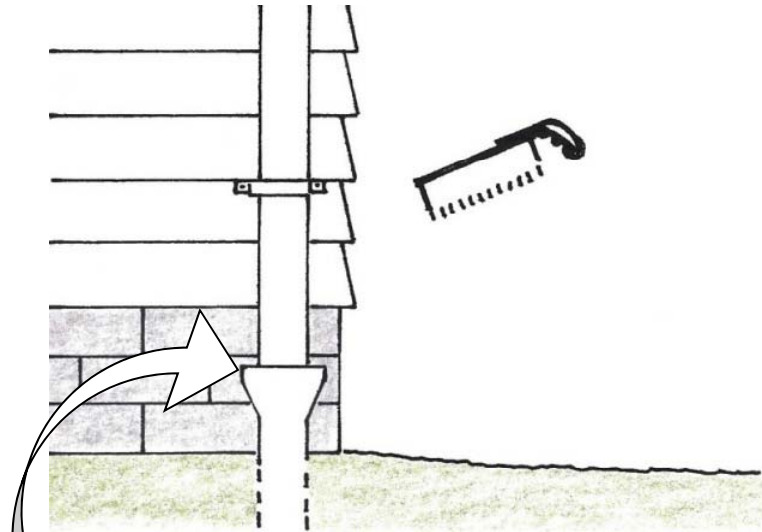


## Step 1





# Plug the old standpipe



*plug with wing nut*



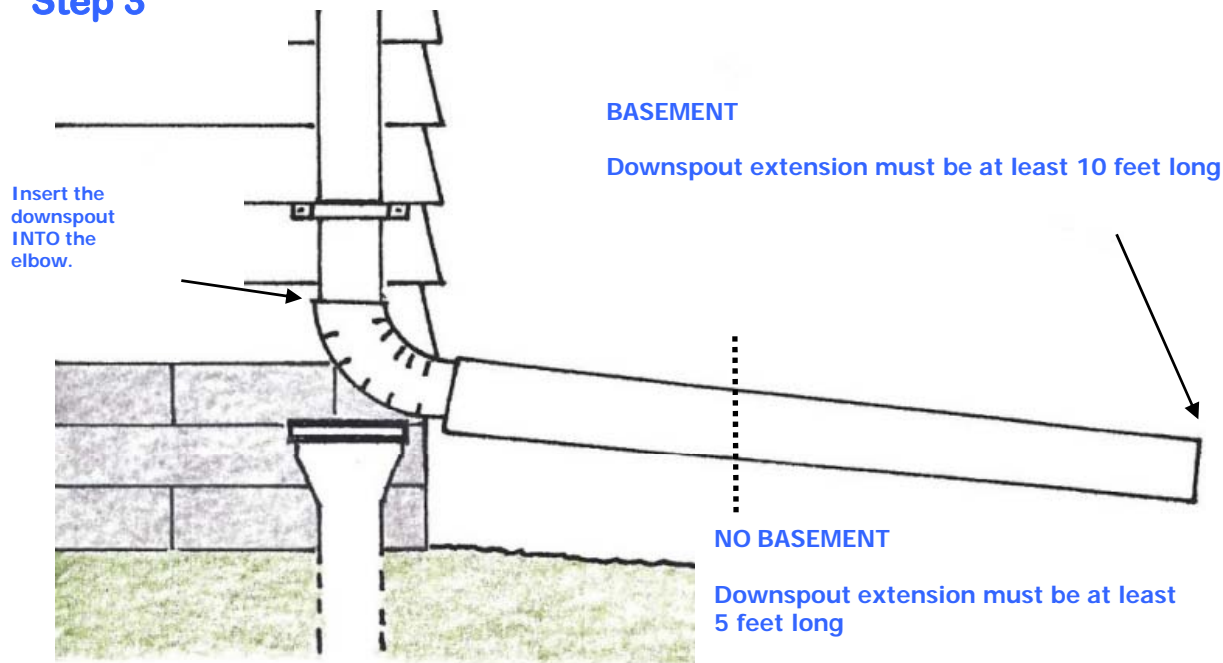
*cap with hose clamp*

- Do NOT use concrete!



# Attach new elbow and pipe

## Step 3







# Discharge Distances

- **More is better!**
- **From the home**
  - 5 feet if home has a crawlspace
  - 10 feet if home has a basement, plus 2 more feet for each foot that basement extends below 5 feet
- **From the neighbors**
  - 5 feet from the property line
  - 10 feet from their home

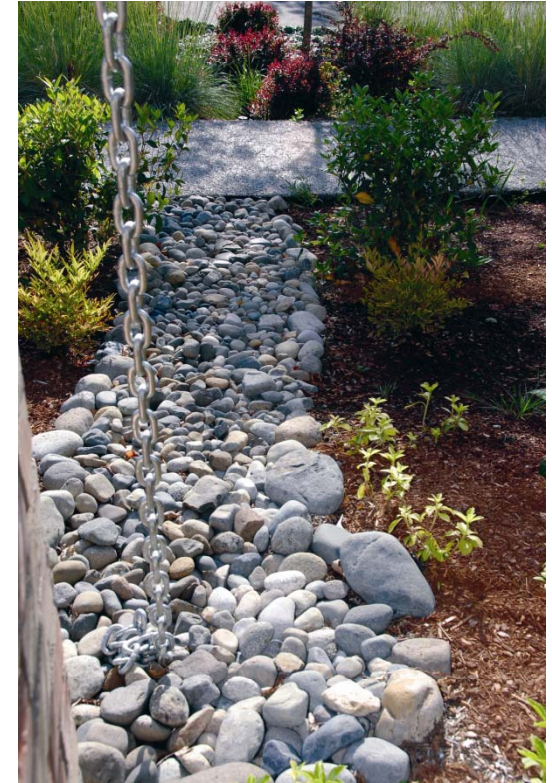
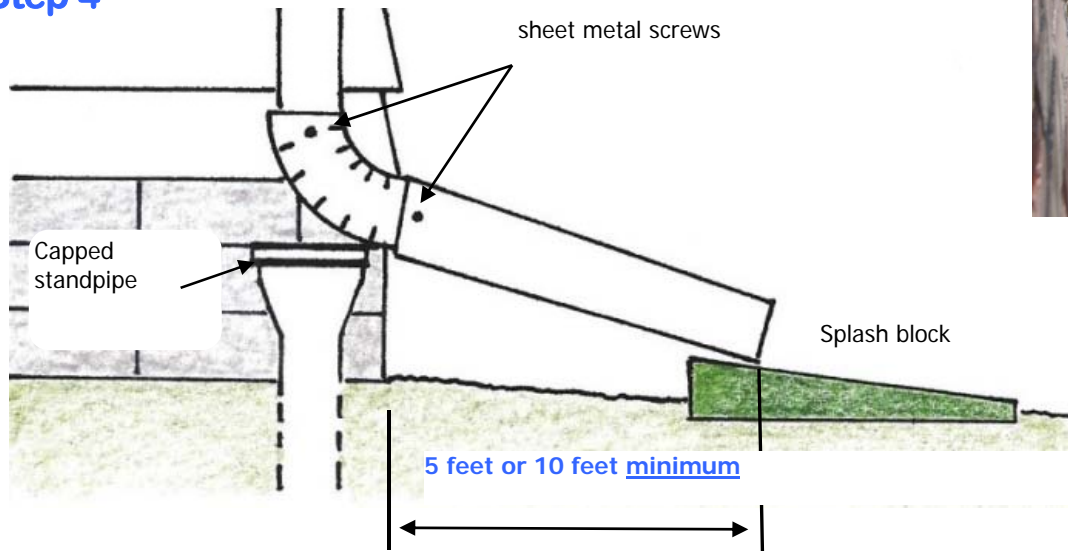
**Must have positive slope away from building!**



# Getting there

- Pipe PVC schedule 40
- A lined conveyance trench

## Step 4







# Delivery to cistern

