

Early Installation of Roof Drainage



'Do it right on site' is a project to help the construction industry protect the environment and achieve the many benefits that come from doing so.

Early Installation of Roof Drainage - What is it?

This refers to connecting down pipes as soon as the roof is on the building frame.

Why is it important?

Connecting down pipes diverts the clean rainwater straight to the stormwater system, instead of it running across the site where it can become contaminated. This benefits the builder by reducing site drainage problems and the generation of on site mud. It reduces downtime after storm events and decreases the average building construction time.

Reducing the amount of sediment leaving the site also benefits the environment as mud and dirt have significant impacts on our waterways. They smother animals and plants that live on the bottom of creek beds. They settle and make the creeks shallower.

Many native plants and animals can not survive in this hotter water and die. Even though mud and dirt are natural they are still serious pollutants that must be prevented from entering our waterways.

Connecting roof downpipes is therefore a vital process to keep the water off the site and the soil on the site!



Sites without roof drainage installed become unworkable due to mud and water.

What do I need to do?

Before building commences:

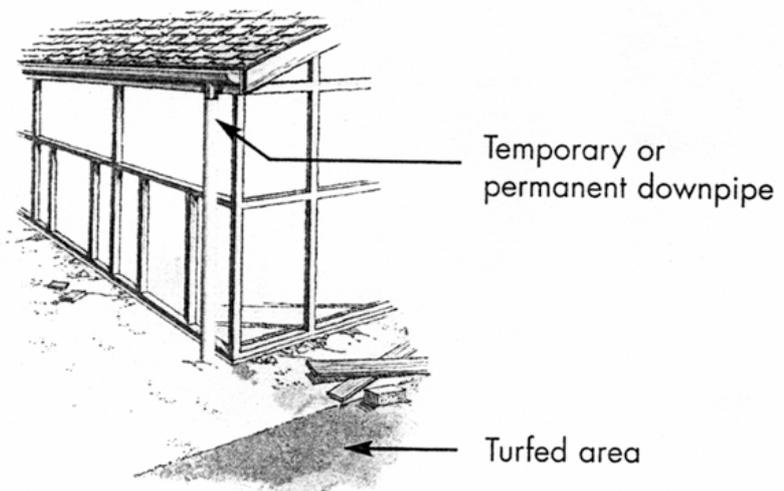
Aim to have the roof and downpipes in place as soon as possible. Document this on your Soil and Water Management Plan and ensure staff are aware of its importance.

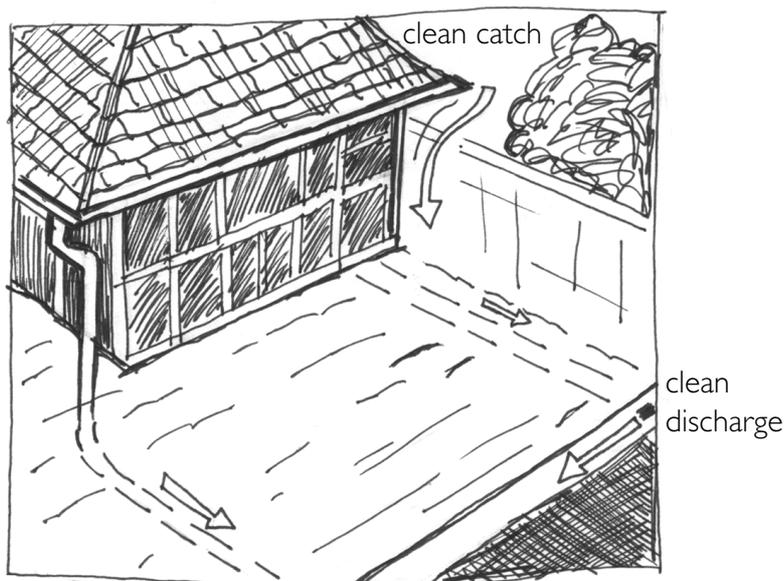
Installing the controls:

Connect the permanent downpipe or temporary ones such as flexible tubing. If pipes to the road can not be installed, pipe the water to a turfed area where it can soak in.

Maintenance of the controls:

Check that the pipes are still connected whenever rain is forecast.





A cleaner more workable site just from installing the down pipes earlier.

List of fact sheets available from Council:

1. Diversion of Upslope Water
2. Dust Control
- 3. Early installation of Roof Drainage**
4. Excavation Pump Out
5. Protected Concrete, Brick and Tile Cutting
6. Protected Concrete Delivery
7. Protected Service Trenches
8. Protected Stockpiles
9. Protected Wash Areas
10. Protected Waste Management and Chemical Storage
11. Protecting Vegetation
12. Protection of Gutter and Street Stormwater Drains
13. Protection of Site Stormwater Pits
14. Sediment Controls
15. Soil and Water Management Plans
16. Stabilised Site Access

For further information on preventing pollution from building and construction sites contact your local council:

Remember:

Everyone has a responsibility to protect the environment. The site supervisor is required to make sure that all workers, including sub-contractors are doing the right thing and all workers are required to notify their supervisors and Council if they see pollution occurring.

It is illegal for any substance other than rainwater to enter the stormwater system. If you do have an accident and pollution occurs you are required by law to notify the Council so that they can work with you to minimise any harm to the environment.

Penalties for polluting the stormwater system range from \$750 on the spot fines to \$1 million and seven years in gaol. Both companies and individuals can be fined.

Council Officers and the EPA enforce the environmental legislation and do routine inspections of building sites. They can issue notices to make companies clean up sites, change the way they are managing the sites and if necessary, cease work. They will attempt to work with you but penalties will be issued if a satisfactory environmental outcome is not achieved.

'Do it right on site' is funded by the Natural Heritage Trust and the Southern Sydney Regional Organisation of Councils – Bankstown, Botany Bay, Canterbury, Hurstville, Kogarah, Marrickville, Randwick, Rockdale, South Sydney, Sutherland Shire, Waverley and Woollahra.

THE DRAIN IS JUST FOR RAIN



Southern Sydney Regional
Organisation of Councils