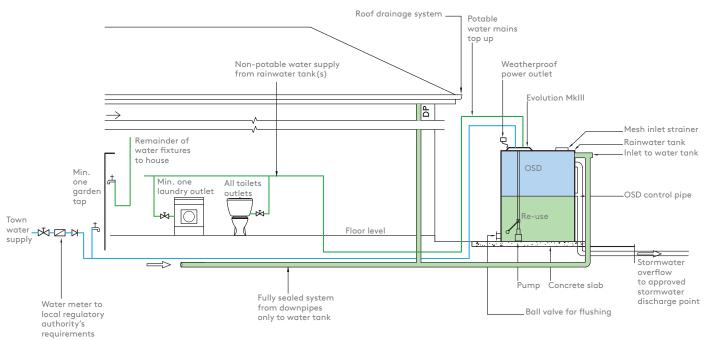


On-site Stormwater Detention and Retention Tanks

To manage stormwater in residential areas, some councils require developments and re-developments to have an on-site detention and retention system. Kingspan On-Site Detention (OSD) Tank systems can be easily adapted to meet your requirements.



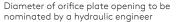
TYPICAL ON-SITE DETENTION AND RETENTION SYSTEM*

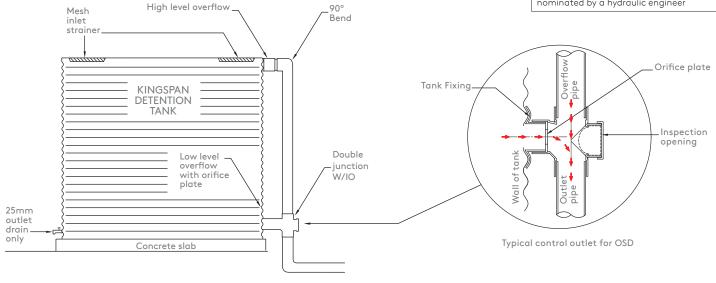
*Stormwater setup is diagrammatic only and is subject to hydraulic design and on-site stormwater provisions and constraints



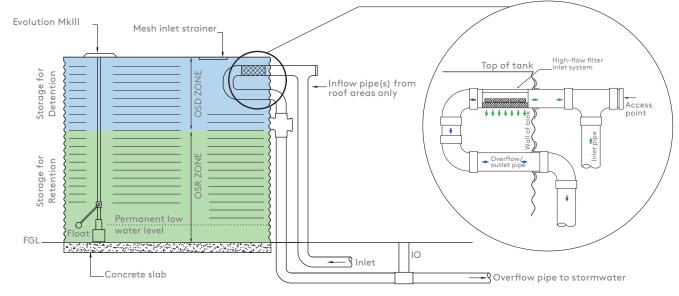
Kingspan Detention Kits fit quickly and easily on your rainwater tank. Our made-to-measure system allows easy adjustment of the proportion of detention and retention. This means you can tailor the OSD System to meet your hydraulic specifications.

TYPICAL DETENTION TANK SYSTEM WITH LOW-LEVEL OVERFLOW*





TYPICAL DETENTION AND RETENTION TANK SYSTEM WITH MID-LEVEL OVERFLOW*



*Stormwater setup is diagrammatic only and is subject to hydraulic design and on-site stormwater provisions and constraints

Kingspan OSD tanks are supplied with easy to install detention kits (available in 100m and 150mm) which includes a double junction with inspection cap, detention tank signage and an orifice plate. The orifice plate is designed to restrict the flow of water being release back to the environment and can be easily cored onsite to the specified diameter. Our innovative High-flow filter is a popular choice to add to our OSD systems.

Most OSD systems are site specific so it is recommended that hydraulic plans are provided for accurate quoting.