

**Schematic Detail of DD600S Washdown  
Shutdown System  
Brisbane City Council Approved**

Previously DD400  
Designed for binwash area.

**SPECIFICATIONS**

Diversion Valve Flow Rate 1200/min @.5m head  
Stone Basket 9mm holes  
Galvanised  
Medium Duty Galvanised  
Grate Galvanised

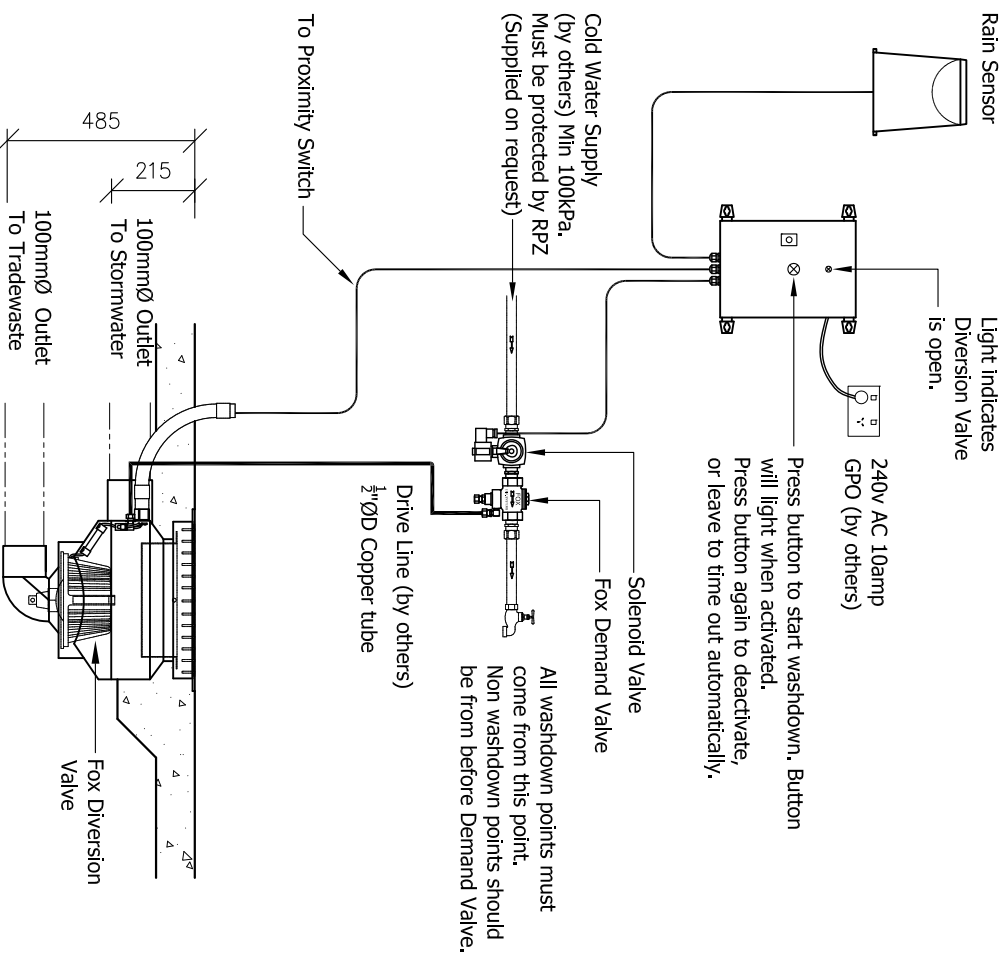
**PROCESS DESCRIPTION**

A Fox Model DD600S/WSDS system is a 'demand driven' diversion unit that is designed for use in a wash area where at the completion of a wash activity the area will be hosed clean of pollutants such as grease & oils.

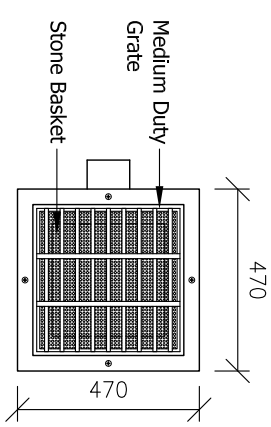
**It is most important that the area be left clean, when a wash operation is not taking place.**

All runoff is presented through a grated Inlet and a stone basket captures silt, solids and free floating debris. This is removable for disposal of captured pollutants. A Fox Diversion Valve is fitted in the bottom of the chamber and is connected via a ½" drive line to the Demand Valve by the installing plumber. This is the signal line that will activate the diversion valve when the demand for wash water is detected a wash operation all runoff is diverted to a holding tank for treatment before exiting to the sewer. Once the wash activity has ended the valve will close allowing any rain to fill the chamber and leave via the stormwater outlet.

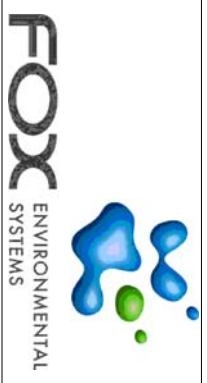
To fulfill the requirements of some local councils the supply of wash water must be cut off during a rain event. A solenoid operated valve is installed in the wash water supply. This valve will open when the start button is pressed on the control panel, and will stay open until either the button is pressed again, a one hour timer times out or a signal is received from the rain sensor.



**Elevation**



**Plan**



This is a schematic representation only. Slab size and gradient to engineers details as arranged by customer. All plumbing and electrical connections to be installed by certified tradesmen in accordance with relative authorities requirements. Tradesmen to be engaged by the purchaser. System to be approved by relative Local Authorities before Installation.  
This Drawing and design is the Property of Fox Environmental Systems Pty Ltd. It must not be used for any other purpose than that for which it was issued.

<b>Project</b>	System Specification
<b>Drawing Title</b>	DD600S/WSDS System
<b>Drawn by:</b>	JFS
<b>Date:</b>	14/01/2010
<b>Scale:</b>	1:20
<b>Drawing No:</b>	A4-SPEC-1002