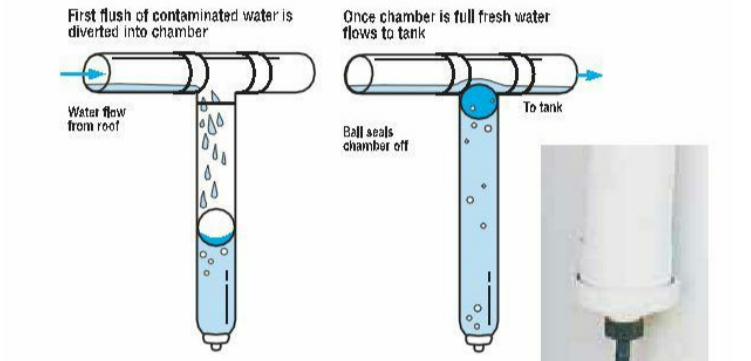


34 CONCEPT STORMWATER MANAGEMENT PLAN
 SCALE 1 : 100

How does a First Flush Water Diverter work?
 Fitting an appropriately sized water diverter is critical to achieve good quality water. Water diverters improve water quality and reduce tank maintenance by preventing the first flush of water, which may contain roof contaminants, from entering the tank.



When it rains, water slowly builds up in the roof guttering system before it exits through the downpipe. The first flush of water from the roof can contain amounts of bacteria from decomposed insects, slinks, bird and animal droppings and concentrated tannic acid. It may also contain sediment, water borne heavy metals and chemical residues, all of which are undesirable elements to have in a water storage system.



Instead of flowing to the water tank, these pollutants are diverted with the initial flow of water into the chamber of the water diverter. The water diverters from Rain Harvesting utilise a dependable ball and seal system - a simple automatic system that does not rely on mechanical parts or manual intervention. As the water level rises in the diverter

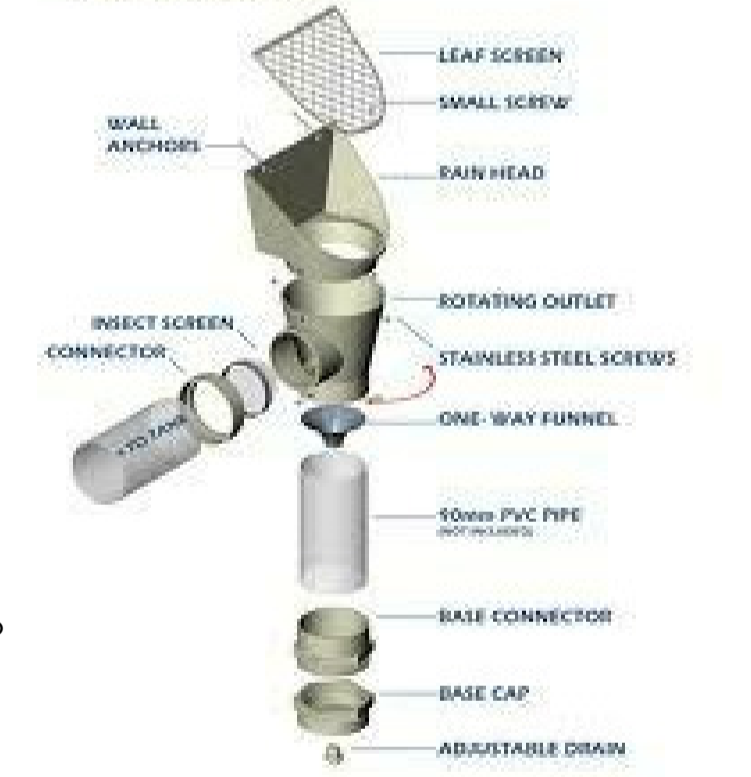
NOTE: THIS DEVICE, OR ITS EQUIVALENT, TO BE FITTED TO EACH DOWNPIPE

RAINWATER DIVERTER DETAILS

NOTE: FIRST FLUSH DEVICES TO BE INSTALLED AT ALL DRAINAGE TANKS IN ACCORDANCE WITH AS3500 AND SYDNEY WATER REQUIREMENTS

THE POSITION OF THE SEWER MAIN HAS BEEN SCALED FROM A DIAGRAM SUPPLIED BY SYDNEY WATER CORPORATION AND IS THEREFORE APPROXIMATE ONLY. THE EXACT LOCATION SHOULD BE DETERMINED ON SITE PRIOR TO ANY COMMENCEMENT OF WORKS

ASSEMBLY DIAGRAM



NOTE: THIS DEVICE, OR ITS EQUIVALENT, TO BE FITTED TO EACH DOWNPIPE

RAINWATER LEAF SCREEN DETAILS

NOTE: FINAL UNDERGROUND STORMWATER SERVICE LOCATIONS TO BE DETERMINED ON-SITE AND SHALL BE CO-ORDINATED WITH THE EXISTING STRUCTURES AND TREE ROOTS
 ALL STORMWATER PIPES SHOWN ON THIS PLAN ARE SHOWN INDICATIVELY ONLY

Note: This drawing is the exclusive property of the Client and must not be used, reproduced or copied wholly or in part without the written permission of the Client. Finished ground levels are subject to site conditions. The express purpose of the documents supplied by Romeo Computer Aided Design Pty Ltd is that they will be lodged as a Development Application to Council. The documents shall not be used to serve any other purpose. Do not scale from drawings. This drawing, the survey plan and any other documents lodged as part of the Development Application shall not be used to determine the boundary locations. A Boundary Survey has not been conducted and as such the boundaries are shown indicatively only and shall not be used for building setout or any other construction use. Before any works are undertaken, including demolition, the builder shall confirm the boundaries from a registered Surveyors Boundary Survey and any discrepancies in the drawings or any other document shall be reported to Romeo Computer Aided Design Pty Ltd and the Council or the Private Certifying Authority. Refer to the Council Development Approval Conditions of Consent document as amendments to this drawing may be required prior to construction.

Rev	Description & Purpose of Issue	Date
A	Issued for DA Lodgement	09-9-2019



Client
Ben Hildyard

Scale (A1)
1 : 100

Print Date
09-Sep-19 3:06:34 PM

Drawn
RF

Job Number
A16179

Council
Northern Beaches Council

Proposed alterations and additions at
**4 Redman Street
 Seaforth NSW
 Lot 2 DP 21231**

Title
**Existing & Concept
 Drainage Plan**

Drawing No.
H-01 A

Revision