

Design and Construction Note 201.02

Drainage Design

Introduction to Drainage Design

Reviewed: 16/08/2018

01.5 - Referenced Documents

(ARR 2016) Australian Rainfall and Runoff – A Guide to Flood Estimation - Ed. 4

(COP Policy 19.1) City of Perth Enterprise Risk Management Policy

(DER 2015) Identification and investigation of acid sulfate soils and acidic

landscapes

(DER 2015) Treatment and management of soils and water in acid sulfate soil

landscapes

(WA 1986) Environmental Protection Act 1986

(WA 2004) Environmental Protection (Unauthorised Discharges) Reg. 2004 (AustRoads 2010) Guide to Road Design Part 5: Drainage – General and Hydrology

Considerations

(AustRoads 2010) Guide to Road Design Part 5A: Drainage - Road Surface, Networks,

Basins and Subsurface

(AustRoads 2010) Guide to Road Design Part 5B: Drainage - Open Channels, Culverts

and Floodways

(WA 1911) Health Act 1911

(WA 2004-2007) Stormwater Management Manual for Western Australia

01.6 - Referenced Australian Standards

AS/NZS 1254:2010	PVC-U Pipes and Fittings for Stormwater and Surface Water Applications
AS/NZS 1260:2009	PVC-U Pipes and Fittings for Drain, Waste and Vent Applications
AS 1273-1991	Unplasticised PVC (UPVC) Downpipe and Fittings for Rainwater
AS 1597.1-2010	Precast Reinforced Concrete Box Culverts
AS 1646-2007	Elastomeric Seals for Waterworks Purposes
AS/NZS 2032:2006	Installation of PVC pipe systems
AS/NZS 2041.1:2011	Buried corrugated metal structures - Design methods
AS/NZS 2041.2:2011	Buried corrugated metal structures - Installation
AS/NZS 2041.4:2010	Buried corrugated metal structures - Helically formed sinusoidal pipes
AS/NZS 2566.1:1998	Buried flexible pipelines - Structural design
AS/NZS 2566.2:2002	Buried flexible pipelines - Installation
AS/NZS 3500.3:2015	Plumbing and drainage - Stormwater drainage
AS/NZS 3500.5:2012	Plumbing and drainage - Housing Installations
AS 3571-2009	Plastics Piping Systems
AS/NZS 3725:2007	Design for installation of buried concrete pipes
AS 3735-2001	Concrete structures retaining liquids
AS 3600-2009	Concrete structures