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	Name	Date
Surveyed	C.McKean	31 Oct 07
Designed		
Drawn	G.Dunn	5 Nov 07
Checked	P.Gillies	6 Nov 07

Local Authority: Waitakere City

Notes:
 All new manholes are 1050mm Ø and have been manufactured by Humes unless otherwise stated.
 All RCRJU pipes are Class X and have been manufactured by Humes.
 RCRJU pipes have GAP 20 Bedding and have been hardfilled to 1.0m beyond the extent of the carriageway.
 All uPVC Pipes are SN16 and have been manufactured by Marley.
 uPVC pipes have SAP7 bedding.
 Stormwater outlet structure is made up of a concrete wingwall, baffles and a concrete apron.
 GEW Manhole connectors have been manufactured by HyGrade Products Ltd.

Certificate
 I, Philip Gillies, Licensed Cadastral Surveyor hereby certify that the Manhole positions, Schedule of Co-ordinates, Invert and Lid Levels, and distances between Manholes and Pipe sizes are correct. Connections to the lines have been plotted and dimensioned from the information supplied to us by the Contractor for the work, and as located by us.

Licensed Cadastral Surveyor
 Date : 6 December 2007

Date of Construction: Sept/Oct 07 (RMA)

Bearing and Coordinate Datum: Mount Eden 2000
 Levels are in terms of Lands & Survey Datum Auckland 1946.
 Origin of Levels: SM 207 SO 49241 RL 72.04

BOUNDARY CONSULTANTS LTD
Licensed Cadastral Surveyors

Phone: (09) 8383 109 PO Box 21-890
 Fax: (09) 8383 209 Henderson 0650
 Email: philip@boundary.co.nz WAITAKERE CITY

Client

Site Address
Massey

Legal Description
Lot 55 DP 16223

Drawing Title

As-built Drainage Plan

Original Scale	Date	Revision No
1:250	06/12/2007	02
CAD File & Directory		Sheet No AB3
		Job No 2475