

WAITEMATA HARBOUR

MANUKAU HARBOUR

L & S B.M. C.C. 63	3.288	3.392	L & S B.M. C.C. 65
A.H.B. B.M. LEAD ARROW	3.263		
HIGHEST RECORDED TIDE 26-3-1936	2.250	2.740	HIGHEST RECORDED TIDE 21-6-1947
OLD AUCKLAND TRAMWAY DATUM	1.756	1.880	MEAN HIGH WATER SPRINGS
MEAN HIGH WATER SPRINGS	1.490	1.756	OLD AUCKLAND TRAMWAY DATUM
MEAN HIGH WATER	1.310	1.490	MEAN HIGH WATER
OLD A.R.A. & A.C.C. DATUM	1.180	1.189	OLD A.R.A. & A.C.C. DATUM
MEAN HIGH WATER NEAPS	1.000	1.160	MEAN HIGH WATER NEAPS
MEAN TIDE LEVEL	0.080		
MEAN SEA LEVEL 1909 - 1946	0.009	0.170	MEAN SEA LEVEL
<i>DOSLI AUCKLAND DATUM 1946</i>	<i>0.000</i>	<i>0.000</i>	<i>DOSLI AUCKLAND DATUM 1946</i>
<i>COMMON DATUM 1-1-1973</i>			<i>COMMON DATUM 1-1-1973</i>
MEAN LOW WATER NEAPS	-0.980	-0.820	MEAN LOW WATER NEAPS
MEAN LOW WATER	-1.150		
MEAN LOW WATER SPRINGS	-1.400	-1.500	MEAN LOW WATER
ZERO ON AUTOMATIC TIDE GAUGE 1-1-1973	-1.743	-1.540	MEAN LOW WATER SPRINGS
OLD ZERO ON AUTOMATIC TIDE GAUGE			
L.W.S.T. OBSOLETE	-1.896		
LOWEST RECORDED TIDE 7-6-1925	-1.896	-2.201	ZERO ON AUTOMATIC TIDE GAUGE 1-1-1973
AUCKLAND DOCK SILL	-2.810	-2.505	OLD ZERO ON AUTOMATIC TIDE GAUGE L.W.S.T. OBSOLETE
		-2.680	LOWEST RECORDED TIDE
		-2.810	AUCKLAND DOCK SILL

STANDARD DATUM

- The standard datum for all work carried out in Waitakere City shall be the standard datum of the Department of Survey & Land Information. (Auckland Datum 1946) or as alternatively approved.

ENGINEERING
STANDARDS MANUAL

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**LEVELLING
DATUM**

STANDARD DETAIL

Fig.1.02