

Technical Assessment of Public Parking Requirements

Typical Weekday

Development Site/Activity	Estimated Parking Demand	Supply (Base)	Surplus/ (Deficiency)	Assumptions	Parking Supply Approach
<b>Pier 6 and 7 Development Blocks</b>					
Residential (~12,204 sq. m)	109	-	(109)	Based on average 0.5 spaces per unit	Off-site parking required due to development site constraints
Commercial (~5,489 sq. m)	110	-	(110)	Based on 2 spaces per 100 m2 non-residential	Off-site parking required due to development site constraints
New Public Buildings	61	-	(30)	Based on 3 spaces per 100 m2 with 50% shared parking reduction	Public Parking
<b>Total Pier 6 and 7</b>	<b>280</b>	<b>-</b>	<b>(249)</b>		
<b>Pier 8 Public Uses</b>					
Discovery Centre/Library	49	-	(49)	Based on ITE Parking Generation Rate	Public Parking
Williams Café	35	-	(35)	Based on ITE Parking Generation Rate	Public Parking
Waterfront outdoor amenities/spaces	75	-	(75)	Estimated Based on Existing Demand	Public Parking
<b>Total Pier 8 Public Uses</b>	<b>159</b>	<b>-</b>	<b>(159)</b>		
<b>Marine Related Uses</b>					
Royal Hamilton Yacht Club (RHYC)	41	-	-	Based on observed existing demand	Public Parking
Leander Rowing Club/ Hamilton Sailing Club	39	-	-	Based on observed existing demand	Public Parking
Harbour West Marina	27	-	-	Based on observed existing demand	Public Parking
Boat Slips	191	-	-	Based on 0.3 spaces per slip, demand varies by day/season	Public Parking
<b>Total Marine-Related Uses</b>	<b>298</b>	<b>338</b>	<b>40</b>		
<b>General Waterfront Activities</b>					
	100		(100)	Notional estimate (Highly variable)	Public Parking
<b>Total (excluding Pier 8 development)</b>	<b>837</b>	<b>338</b>	<b>(499)</b>		

Typical Weekend

Development Site/Activity	Estimated Parking Demand	Supply (Base)	Surplus/ (Deficiency)	Assumptions	Parking Supply Approach
<b>Pier 6 and 7 Development Blocks</b>					
Residential (~12,204 sq. m)	109	-	(109)	Based on average 0.5 spaces per unit	Off-site parking required due to development site constraints
Commercial (~5,489 sq. m)	110	-	(110)	Based on 2 spaces per 100 m2 non-residential	Off-site parking required due to development site constraints
New Public Buildings	61	-	(30)	Based on 3 spaces per 100 m2 with 50% shared parking reduction	Public Parking
<b>Total Pier 6 and 7</b>	<b>280</b>	<b>-</b>	<b>(250)</b>		
<b>Pier 8 Public Uses</b>					
Discovery Centre/Library	49	-	(49)	Based on ITE Parking Generation Rate	Public Parking
Williams Café	35	-	(35)	Based on ITE Parking Generation Rate	Public Parking
Waterfront outdoor amenities/spaces	265	-	(265)	Estimated Based on Existing Demand	Public Parking
<b>Total Pier 8 Public Uses</b>	<b>349</b>	<b>-</b>	<b>(349)</b>		
<b>Marine Related Uses</b>					
Royal Hamilton Yacht Club (RHYC)	116	-		Based on observed existing demand	Public Parking
Leander Rowing Club/ Hamilton Sailing Club	108	-		Based on observed existing demand	Public Parking
Harbour West Marina	47	-		Based on observed existing demand	Public Parking
Boat Slips	191	-		Based on 0.3 spaces per slip, demand varies by day/season	Public Parking
<b>Total Marine-Related Uses</b>	<b>462</b>	<b>338</b>	<b>(124)</b>		
<b>General Waterfront Activities</b>					
	<b>100</b>		<b>(100)</b>	Notional estimate (Highly variable)	Public Parking
<b>Total (excluding Pier 8 development)</b>	<b>1191</b>	<b>338</b>	<b>(853)</b>		