Technical Assessment of Public Parking Requirements

Typical Weekday

	Estimated									
Development	Parking	Supply	Surplus/		Parking Supply					
Site/Activity	Demand	(Base)	(Deficiency)	Assumptions	Approach					
Pier 6 and 7										
Development Blocks	T	I	T		T					
					Off-site parking					
B				D	required due to					
Residential (~12,204	400		(400)	Based on average 0.5	development site					
sq. m)	109	-	(109)	spaces per unit	constraints					
					Off-site parking					
Commercial (- E 490				Board on 2 onesse nor	required due to					
Commercial (~5,489	110		(110)	Based on 2 spaces per 100 m2 non-residential	development site constraints					
sq. m)	110	-	(110)	Based on 3 spaces per	CONSTIAINTS					
				100 m2 with 50% shared						
New Public Buildings	61	_	(30)	parking reduction	Public Parking					
Total Pier 6 and 7	280	_	(249)	parking reduction	1 ublic r arking					
Pier 8 Public Uses	200	_	(249)							
Discovery	I	Ī	Ī	Based on ITE Parking						
Centre/Library	49		(49)	Generation Rate	Public Parking					
Centre/Library	49	-	(49)	Based on ITE Parking	Fublic Faiking					
Williams Café	35	_	(35)	Generation Rate	Public Parking					
	33	_	(33)	-	1 ublic raiking					
Waterfront outdoor	7.5		(75)	Estimated Based on	D 11: D 1:					
amenities/spaces	75	-	(75)	Existing Demand	Public Parking					
Total Pier 8 Public	450		(450)							
Uses	159	-	(159)							
Marine Related Uses		Ι	I							
Royal Hamilton Yacht	4.4			Based on observed	Dealellie Dealeisea					
Club (RHYC)	41	-	-	existing demand	Public Parking					
Leander Rowing Club/ Hamilton				Based on observed						
	39				Public Parking					
Sailing Club	<u> </u>	-	_	existing demand Based on observed	i ublic raikiliy					
Harbour West Marina	27	_	_	existing demand	Public Parking					
TIGIDOGI TTESLITIGITIG	<u> </u>	-	_	Based on 0.3 spaces per	1 upile i aikilig					
				slip, demand varies by						
Boat Slips	191	_	_	day/season	Public Parking					
Total Marine-Related										
Uses	298	338	40							
General Waterfront	, , , , , ,									
Activities										
				Notional estimate (Highly						
	100		(100)	variable)	Public Parking					
Total (excluding Pier										
8 development)	837	338	(499)							
	837	338	(499)							

Typical Weekend

Typical Weekend	-			1			
Development Site/Activity	Estimated Parking Demand	Supply (Base)	Surplus/ (Deficiency)	Assumptions	Parking Supply Approach		
Pier 6 and 7 Development	1 201114114		(20)	, , , , , , , , , , , , , , , , , , ,	7.66.000		
Blocks							
					Off-site parking		
				D 1	required due to		
Posidential (~12 204 og m)	109		(100)	Based on average	development site constraints		
Residential (~12,204 sq. m)	109	-	(109)	0.5 spaces per unit	Off-site parking		
				Based on 2	required due to		
				spaces per 100	development site		
Commercial (~5,489 sq. m)	110	-	(110)	m2 non-residential	constraints		
, , , , , , , , , , , , , , , , , , , ,				Based on 3			
				spaces per 100			
				m2 with 50%			
			(0.0)	shared parking			
New Public Buildings	61	-	(30)	reduction	Public Parking		
Total Pier 6 and 7	280	-	(250)				
Pier 8 Public Uses	T	T	T		T		
				Based on ITE			
Discovery Controll ibrary	49		(40)	Parking Generation Rate	Dublic Parking		
Discovery Centre/Library	49	-	(49)	Based on ITE	Public Parking		
				Parking			
Williams Café	35	_	(35)	Generation Rate	Public Parking		
	- 55		(33)	Estimated Based	i aziio i ariarig		
Waterfront outdoor				on Existing			
amenities/spaces	265	-	(265)	Demand	Public Parking		
Total Pier 8 Public Uses	349	-	(349)				
Marine Related Uses							
				Based on			
Royal Hamilton Yacht Club				observed existing			
(RHYC)	116	-		demand	Public Parking		
La sur dan Dansin n Olask /				Based on			
Leander Rowing Club	108			observed existing demand	Dublic Parking		
Hamilton Sailing Club	100	-		Based on	Public Parking		
				observed existing			
Harbour West Marina	47	_		demand	Public Parking		
-				Based on 0.3			
				spaces per slip,			
				demand varies by			
Boat Slips	191	-		day/season	Public Parking		
Total Marine-Related Uses	462	338	(124)				
General Waterfront Activities							
				Notional estimate			
	100		(100)	(Highly variable)	Public Parking		
Total (excluding Pier 8							
development)	1191	338	(853)				