

Appendix 3 – City of London Loading Bay Ready Reckoner (snapshot of interactive spreadsheet tool, including example data)

City of London Loading Bay Ready Reckoner		
<p><b>Notes</b></p>	<p>Use this calculation to estimate the required number of loading bays for the most common development use classes within the City of London. Outputs are an indication of potential loading bay requirements only. The eventual requirement will be subject to agreement with the City Corporation, taking into account local considerations.</p> <p>Notes on each stage of the calculation are shown below. As set out in the Freight and Servicing SPD, users are encouraged to demonstrate how delivery and servicing trips can be minimised, timed out of peak hours, and shifted to cleaner, safer, lower impact modes of transport.</p>	
<p><b>Instructions</b></p>	<p>Input Gross External Area (GEA) for each use class in green cells</p>	
	<p>Enter expected proportion of Heavy Goods Vehicles (HGV)</p>	
	<p>Fixed parameters are shown in grey cells</p>	
	<p>Outputs are shown in orange cells</p>	

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Use Class	Enter GEA of each use class	Daily Trips		Use Class	Land Use Factor	These factors are based on historic trip rates at other developments in and around the City. Different factors may be appropriate for local circumstances, so developers may be able to justify alternative factors.
A1	590	0		A1	1.35	
A2		0		A2	1.35	
A3		7.965		A3	1.35	
A4		0		A4	1.35	
A5		0		A5	1.35	
B1	8235	16.47		B1	0.2	
	Daily Trips	24.435				
	% of daily peak hour trips	20%	This is a standard assumption based on historic trip patterns. Developers may be able to demonstrate that a lower peak hour delivery percentage is appropriate (e.g. by enforcing a booking system) which may alter the ultimate loading bay requirement.			
	Daily peak hour trips (20% of trips)	4.887				
	Assumed HGV Dwell Time (minutes)	30	These are standard assumptions. Different factors may be appropriate if the developer can demonstrate that dwell times for these vehicles are appropriate in these circumstances.			
	Assumed LGV Dwell Time (minutes)	20				
	<b>Enter expected % of HGVs</b>	10%				
	Expected Peak Hour HGVs	0.489				
	Expected Peak Hour LGVs	4.398				
	<b>Loading Bay Requirement</b>	<b>2</b>				