GREATER**LONDON**AUTHORITY

Post-Construction Stage - Circular Economy Statement

Project details	
Project name	Manchester (Fort Street) Limited
Planning application reference number (if applicable)	21/3499/F/2021
Applicant	Manchester Fort Street Ltd
London Borough	
Brief description of the project	The Development consists of "part-33, part-11 storey residential building with associated residents' amenity space including gym (Use Class C3), commercial space (Use Class E), basement car parking, cycle parking, landscaping and other associated works" as set out in the Planning Application 21/3499/F/2021.
Author/s	
Date of assessment	
Number of Use Types	2
Use Class / Type	**Floor Area by use type (m2)**
Use Class C3	48285
Use Class E	585
Overall GIA (m2)	48870.00

Bill of Materials

Please click the + symbol to the left hand side of the Bill of Materials table to view or hide the input rows for each Building Element Category. The rows for substructure and frame have been unhidden to highlight this. A fixed number of rows has been provided for each Building Element Category based on a sub-set of typical WLCA submissions. Should the number of rows provided not be sufficient to allow input of all materials for a given Building Element Category, Applicants should prioritise the inclusion of the materials with the highest quantity.

BUILDING ELEMENT CATEGORY - LEVEL 1 (based on the RICS New Rules of Measurement (NRM) classification system level 1 sub-elements https://www.rics.org/globalassets/rics-website/media/products/data-products/rics-construction/rics-elemental-standard-form-cost-analysis-4th-nrm-edition-2012.pdf)		PRODUCT AND CONSTRUCTION STAGE (MODULE A)								USE STAGE (MODULE B)					END OF LIFE STAGE (MODULE C)						BENEFITS BEYOND THE SYSTEM BOUNDARY (MODULE D)			
	Building Element Category	Material Type	Material quantity (Module A) (kg)	Material Intensity (Module A) (kgm²GIA)	Performance Indicator (LPG Appendix 1)	Construction Waste Factor (Module A)	Construction Waste (Module A) (kg)	Recycled Content by mass (kg)	Recycled Content by value (%)	Expected Lifespan (years)	Number of Replacements (over assumed 60-year period)	Repair and Replacement quantities of materials (Module B) (kg)	Construction Waste Factor (Module B)	Construction Waste (Module B) (kg)	Design for Disassembly	Assumed End of Life Scenario (Description)	% Reusing	% Recycling	% Landfill	Estimated reusable materials (kg)	Estimated reusable materials intensity (kg/m² GIA)	Estimated recyclable materials (kg)	Estimated recyclable materials intensity (kg/m² GIA)
0.1	**Demolition: Toxic/Hazardous/Contaminated Material Treatment**	-	**0**	**0**	-	-	0	-	-	-	-	0	-	0	-	-	0%	0%	100%	0	0	0	0
0.2	**Major Demolition Works**	-	**0**	**0**	-	-	0	-	-	-	-	0	-	0	-	-	0%	0%	100%	0	0	0	0
0.3	**Temporary Support to Adjacent Structures**	-	**0**	**0**	-	-	0	-	-	-	-	0	-	0	-	-	0%	0%	100%	0	0	0	0
0.4	**Specialist Ground Works**	-	**0**	**0**	-	-	0	-	-	-	-	0	-	0	-	-	0%	0%	100%	0	0	0	0
1	**Substructure**	-	**1,428,954**	**29**	Building Element Category 1, 1st Quartile	-	69,782	-	-	-	-	0	-	0			0%	58%	42%	0	0	833,280	17
		Blockwork (Below Dpc)	3,553	0	-	5%	178	0	0%	61	0	0	5%	0	No	Re (for sub-base layers).	0%	0%	100%	0	0	0	0
		Blockwork (Ground & Basement)	322,496	7	-	5%	16,125	0	0%	61	0	0	5%	0	No	Re (for sub-base layers).	0%	0%	100%	0	0	0	0
		Blockwork (Ground & Basement)	269,636	6	-	5%	13,482	23,112	0%	61	0	0	5%	0	No	Re (for sub-base layers).	0%	0%	100%	0	0	0	0
		Steel	833,280	17	-	5%	39,997	754,998	5%	61	0	0	5%	0	No	Steel recycling	0%	100%	0%	0	0	833,280	17
			0	0	-	0%	0				0	0	0%	0			0%	0%	100%	0	0	0	0