

Site Waste Management Plan (SWMP)

Refurbishment of Arthur House

at

Arthur House, Chorlton Street.
Manchester
M1 3FH

Introduction

MJM Contract Services have been commissioned by Sixteen Real Estate to prepare a Site Waste Management plan as a part of the Arthur House project. The Site Waste Management Plan (SWRP) will be updated throughout the project, reflecting the construction plan and the quantities of waste that are anticipated throughout the duration of the demolition and construction phases.

By preparing this documentation, MJM Contract Services aim to have better control over materials usage and waste throughout the duration of the project, thus, reducing the amount of waste arriving at landfill sites.

Project Details

Project Title:	Demolition and Refurbishment at Arthur House
Project Address:	Arthur House, Chorlton Street. Manchester M1 3FH
Estimated Project Value	£2,400,000

Client		
Sixteen Real Estate	Contact:	James Ingle
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	Email:	james@sixteenrealestate.com

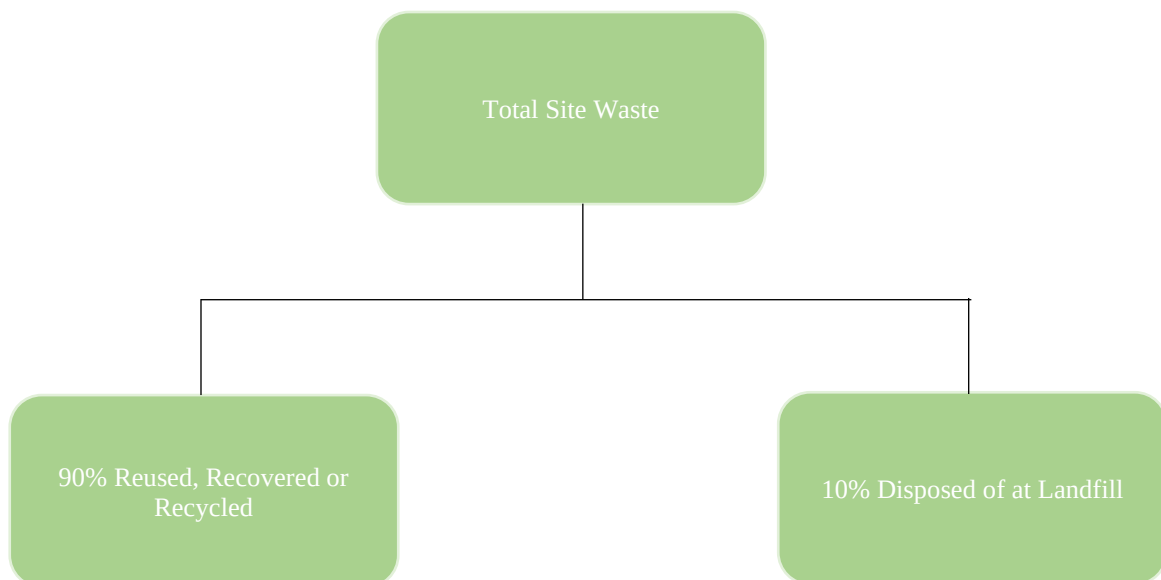
Principal Contractor		
MJM Contract Services 137 Hall Street Offerton SK1 4HE 0161 477 9152	Contact:	Marvin Smedley
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Segregation and Diversion Targets

Throughout the project it is aimed for 90% of waste to be re-used, recovered or recycled with only 10% of waste arriving at landfill sites.

Figure 1 shows the segregation and diversion targets for this project.

Figure 1: Arthur House Site Waste Target



Surplus Waste

Waste that cannot be completely eliminated or reduced will fall into one of the following categories of waste outlined below.

Re-use

Where possible, materials are reused on the site. Surplus materials may also be stored off site and reused on other active projects.

Re-cycle

Surplus materials to be used for a new purpose on site or off site for another project.

Disposal at landfills

This is used as a last resort option that is used if alternatives are not suitable for the waste.

Segregation of Waste

Where possible waste will be segregated on site before transportation to the waste transfer station.

However due to limited storage on site the use of a general waste skip may be used for all waste generated with separation then taking place off site at a Waste Transfer station.

Waste Minimisation

Waste Type	Reduce (%)	Reuse (%)	Recycle (%)
General Waste	Careful order placement and management of building supplies to reduce overordering and wasted materials.	Reuse of paper, cardboard, plastic bottles and cans	Separation on site and sent to waste transfer station, recycled and reused in the appropriate industries.
Bricks	Minimise the amount ordered where possible. Safe storage of materials to avoid breakage.	Reuse of internal building work where possible.	Offsite segregation.
Mixture of concrete	Careful order placement	N/A	Separation at waste transfer station reprocessed and reused in construction industry.
Timber	Careful order placement and safe storage to avoid breakage.	N/A	Separation on site and sent to waste transfer station.
Packaging	Careful order placement.	Reuse of paper and cardboard	Separation on site and sent to both the waste transfer station and company office for reuse.

Waste Management

Estimated Waste

Waste Type	Reuse on site (Tonnes)	Reuse off site (Tonnes)	Recycling on site (Tonnes)	Recycling off site (Tonnes)	Other form of recovery on site (Tonnes)	Other form of recovery off site (Tonnes)	Sent to landfill (Tonnes)	Other disposal (Tonnes)
Inert								
Mixture of Concrete				2.45				
Brick				0.7				
Non-hazardous								
General Waste				14		1	2	
Timber				0.50				
Electrical				0.08				
Hazardous								
N/A								
Total (Tonnes)	0	0	0	17.73	0	1	2	0

Actual Waste

Waste Type	Reuse on site	Reuse off site	Recycling on site	Recycling off site	Other form of recovery on site	Other form of recovery off site	Sent to landfill	Other disposal
Inert								
Mixture of Concrete				2.45				
Brick	0.6							
Non-hazardous								
General Waste				13		5	0.58	
Timber				0.54				
Electrical				0.1		0.2		
Hazardous								
Asbestos							1.6	
Totals (tonnes)	0.6	0	0	16.09	0	5.2	2.18	0

