

BRIGHAM STREET DEVELOPMENT, OPENSHAW

WASTE MANAGEMENT STRATEGY

This statement has been prepared to accompany a planning application for the above site and provides information on:

- Site Waste Management (Before & During Construction)
- Domestic Waste Management (Post Construction)

SITE WASTE MANAGEMENT (BEFORE & DURING CONSTRUCTION)

General site waste management during the construction of the development will be the responsibility of the chosen contractor, and a full Site Waste Management Plan will be produced at a later date prior to start on site.

As building designers we have incorporated the following features into the project to reduce waste in the building process. Some are current assumptions, for example suggested construction materials, which may to subject to change later in the project.

Establishing the nature of the project

Re-use of empty site beneficial in reducing waste, with no demolition required.

Design

- Proposed building designed to brickwork/ blockwork dimensions to prevent waste through cutting.
- Off-site panelised MMC construction (timber frame/ SIPs panel) considered to significantly reduce site waste.
- Simplicity of the design and structure significantly reduces waste on site.
- Standardization of design elements such as windows/structure/internal walls introduces common elements which are repeated, allowing operatives/manufacturers to refine their processes (reusing formwork, etc)
- Building is designed to be adaptable for a variety of needs, minimizing the need for future demolition work (and associated waste).
- Internal room dimensions designed to accommodate standard manufactured plasterboards sizes wherever possible. Any off-cuts can be easily recycled.
- Stud internal walls allow for prefabrication in standard lengths where possible as they can be optimized for the floor-to-ceiling height. Any off-cuts can be easily recycled.
- Levels of proposed car parking/ highway designed to utilize existing levels where possible, reducing the need for removal from site.

Materials

- All materials chosen to minimize the need for maintenance, reducing waste created through future treatment, refurbishment or replacement.
- Proposed brickwork expected to be chosen from range produced at factories certified to ISO14001, the international standard for environmental management, ensuring responsible sourcing of materials.
- Beam and block floor avoids in-situ casting, reducing formwork and associated waste.
- A-rated PVC windows chosen due to high durability, long life span and low maintenance, reducing future waste. Dark colour chosen to prevent discolouration/staining, which would likely reduce life span.
- Stud internal wall thickness reduced to minimize timber use. Studs chosen ahead of concrete blocks to reduce weight, allowing for lighter foundations and frame. Block and mortar waste is also reduced.
- External doorsets chosen instead of doors, allowing for off-site construction and reducing waste generated on site.
- Thicker and better performing plasterboard sheets specified to prevent doubling up on boards, considerably reducing waste off-cuts. Wet plaster avoided throughout, with only a light skim finish to plasterboard areas.
- Upper floor specification of prefabricated timber I-beams/metal-web joists reduces cutting on site and minimises off-cuts.

DOMESTIC WASTE MANAGEMENT (POST CONSTRUCTION)

Domestic waste collections for this area consist of the following:

- | | |
|---|-----------------------|
| • General Waste (grey bin) | Fortnightly (Mondays) |
| • Green & Food Waste (green bin/kerbside caddy) | Fortnightly (Mondays) |
| • Recycling Glass, Plastic, Tins (brown bin) | Fortnightly (Mondays) |
| • Recycling Paper, Cardboard, Cartons (blue bin/bag) | Fortnightly (Mondays) |

Refuse and recycling strategy

Storage for wheeled bins in accordance with GD04 (Waste Storage & Collection Guidance for New Developments) has been made for each family dwelling to accommodate:

- 1 No. 240l wheeled bin for refuse
- 1 No. 240l wheeled bin for paper/cardboard recycling
- 1 No. 240l wheeled bin for glass/cans/plastics recycling
- 1 No. 240l wheeled bin for garden/food waste

All bin storage areas have been located within the rear curtilage of each property, screened from public view and positioned within 10m of an external door to make it convenient for any householder to present the bins to the kerbside on collection day without excessive travel distances. Storage areas have hard impervious surfaces (concrete paving slabs) which can be washed down to remove any residue within the boundary of the property.

Please see site layout (dwg. no.: 20-051/02) for bin store locations.