



Project:	Valley Drive
Client:	Westridge Construction
Status:	CR
Revision:	C01
Summary	Communal refuse store: Standard store management system Block A – Store 1 5 x 1100ltr bins (general waste) 5 x 1100ltr bins (recycling) 2 x 140ltr bins (food waste) Block A – Store 2 1 x 1100ltr bins (general waste) 1 x 1100ltr bins (recycling) 1 x 140ltr bins (food waste) Block B – Store 1 3 x 1100ltr bins (general waste) 3 x 1100ltr bins (recycling) 3 x 140ltr bins (food waste) Block B – Store 2 1 x 1100ltr bins (general waste) 1 x 1100ltr bins (recycling) 1 x 140ltr bins (food waste)

This statement outlines the design intentions regarding a strategy of refuse storage and removal, for the above project.

It is to be used to inform a detailed refuse and waste control method statement and risk assessment, carried out by an appropriately qualified representative prior to any work being undertaken.

STRATEGY DOCUMENT TO BE READ IN CONJUNCTION WITH STRATEGY DRAWINGS LISTED BELOW:

- VDR-BPTW-04-00-DR-A-5901
- VDR-BPTW-04-00-DR-A-5902

- VDR-BPTW-04-01-DR-A-5903
- VDR-BPTW-04-01-DR-A-5904
- VDR-BPTW-04-02-DR-A-5905

TO BE READ IN CONJUNCTION WITH FULL GUIDES AND DOCUMENTATION LISTED BELOW:

National Technical Housing Standards:	Refuse storage and management provision not specified.
Warranties:	LABC warranty provider All specification & detailing to be compliant with LABC requirements with relevant UKAS testing certification where required.
Building Regulations:	All specification & detailing to be compliant with latest Building Regulations and Approved Documents. Detailing, travel distances and access doors to be assessed as part of Fire Strategy.
Planning Addendum:	A waste management strategy has been compiled by Gravesham Borough Council. This document was submitted by BPTW in support of the planning approved drawing set. The quoted residential provision in the report is based on estimated household waste generation, as per calculation methods outlined in the Gravesham Borough Council – Requirements for Developers. The report stated residential refuse provision are as follows: Communal Refuse Store - 8 x 1100 litre refuse bins. - 8 x 1100 litre recycling bins. - 5 x 140 litre food waste bins. Note: We have received correspondence from Stuart Alford at Gravesham Borough Council (details below) regarding our current proposed drawings. Assistant Director: Mr Stuart Alford (16.10.2018)

REFUSE STORAGE REQUIREMENTS TO BE MET:

Gravesham Borough Council – Requirements for Developers:		
Relevant Residential Requirements:	Waste Type	Notes
	General Waste	1100 litre bins per 6 flats
	Dry Recycling	1100 litre bins per 6 flats
	Food Waste	140 litre bins per 10 flats
	Caddy	5 litre bins per flat

Additional Relevant Notes:

- To enable and encourage occupants to recycle their waste. Internal storage, usually within the kitchen, should be provided for the separation of recyclable materials from other waste.
- Walls should be able to withstand impact from bins, and it is recommended that all plugs, switches or similar items are located above, or well below the height of the bin rim.
- Lighting should be operated with proximity sensors or on timed delay to avoid lights being left on.
- All bins should be accessible from their front face.
- 1.5m clear to the front enabling access and the ability to safely move a bin independently.
- All doors and alleys should be 1.3m in width to allow for the safe manoeuvring of bins.
- The minimum internal height/clearance for bin storage and access doorways is 2m, including any fixtures/fittings which may impede this.
- The space should be well ventilated.
- To enable wash down, refuse stores must be constructed of impervious materials, lighting must be sealed, a water supply with standard tap fittings should be provided and suitable drainage, capable of receiving polluted effluent, with adequate falls is afforded.
- Residents should be required to walk no further than 30m (excluding vertical distances) from their front door to the refuse storage area.
- Waste collection operatives should not be expected to wheel containers more than 20m from the refuse store to the rear of the vehicle when in its designated stopping point.

REFUSE STORAGE PROVISION REQUIRED AT VALLEY DRIVE, BASED ON THE ABOVE:

Refuse calculations:		
Relevant Residential Requirements:	Waste Type	Notes
	General Waste	8 x 1100 litre bins (for 48 unit residential flat block)
	Dry Recycling	8 x 1100 litre bins (for 48 unit residential flat block)
	Food Waste	5 x 140 litre bins (for 48 unit residential flat block)
	Caddy	48 x 5 litre bins (for 48 unit residential flat block)

Block A - Maximum travel distance: **29.7m**

Block B - Maximum travel distance: **27.0m**

SPECIFICATION OF REFUSE STORES:

Residential:

Block A – Store 1 - Communal refuse store - Details	
Serves	Residents key to provide required access, refer to 6100 series drawings for access strategy drawings.
Location	Ground Floor
Space Labelling	Refuse Store
Security and Access Requirements	Key controlled access.
Number of Bins	5 x 1100ltr bins (general waste) 5 x 1100ltr bins (dry recycling) 2 x 140ltr bins (food waste)
Wall Construction	Concrete Blockwork
M&E Requirements	Lighting: Rated accordingly to adequately withstand water during store wash-down. Operated with proximity sensors or timed delay switches. Switches and Sockets: Located above or well below bin rim to reduce risk of damage. Water Supply: Provided with standard tap fitting. Drainage: Capable of receiving polluted effluent.

Block A – Store 2 – Communal refuse store – Details	
Serves	Residents key to provide required access, refer to 6100 series drawings for access strategy drawings.
Location	Ground Floor
Space Labelling	Refuse Store
Security and Access Requirements	Key controlled access.
Number of Bins	1 x 1100ltr bins (general waste) 1 x 1100ltr bins (dry recycling) 1 x 140ltr bins (food waste)
Wall Construction	Concrete Blockwork
M&E Requirements	Lighting: Rated accordingly to adequately withstand water during store wash-down. Operated with proximity sensors or timed delay switches. Switches and Sockets: Located above or well below bin rim to reduce risk of damage. Water Supply: Provided with standard tap fitting. Drainage: Capable of receiving polluted effluent.

Management Company Requirement	As this store is remote from the Authority collection point, the client will require the use of a site management company to rotate bins to Block A Store 1 in advance of the regular authority collection times.
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Block B – Store 1 - Communal refuse store - Details	
Serves	Residents key to provide required access, refer to 6100 series drawings for access strategy drawings.
Location	Ground Floor
Space Labelling	Refuse Store
Security and Access Requirements	Key controlled access.
Number of Bins	3 x 1100ltr bins (general waste) 3 x 1100ltr bins (dry recycling) 3 x 140ltr bins (food waste)
Wall Construction	Concrete Blockwork
M&E Requirements	Lighting: Rated accordingly to adequately withstand water during store wash-down. Operated with proximity sensors or timed delay switches. Switches and Sockets: Located above or well below bin rim to reduce risk of damage. Water Supply: Provided with standard tap fitting. Drainage: Capable of receiving polluted effluent.

Block B – Store 2 - Communal refuse store - Details	
Serves	Residents key to provide required access, refer to 6100 series drawings for access strategy drawings.
Location	Ground Floor
Space Labelling	Refuse Store
Security and Access Requirements	Key controlled access.
Number of Bins	1 x 1100ltr bins (general waste) 1 x 1100ltr bins (dry recycling) 1 x 140ltr bins (food waste)
Wall Construction	Concrete Blockwork
M&E Requirements	Lighting: Rated accordingly to adequately withstand water during store wash-down. Operated with proximity sensors or timed delay switches. Switches and Sockets: Located above or well below bin rim to reduce risk of damage. Water Supply: Provided with standard tap fitting. Drainage: Capable of receiving polluted effluent.

Management Company Requirement	As this store is remote from the Authority collection point, the client will require the use of a site management company to rotate bins to Block B Store 1 in advance of the regular authority collection times.
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Gravesham Borough Council