

A3 Site Plans and Requirements

Fire Prevention Plan

The site design enables the processing of incoming material for export to reprocessors as soon as practicably possible to minimise the fire risks linked to stored waste.

Combustible waste will be stored as shown in the site plan below in line with the Environment Agency's guidance.

Fire walls and bays

Fire resistant walls are proposed to overcome the need for 6m separation distances between different waste piles and the site boundary.

The replacement of existing walls within storage bays will ensure adequate fire resistance for the required time frames.

Suppressing fires & water supply

The EA guidance stipulates a requirement for a water supply sufficient for firefighting in a worst-case scenario.

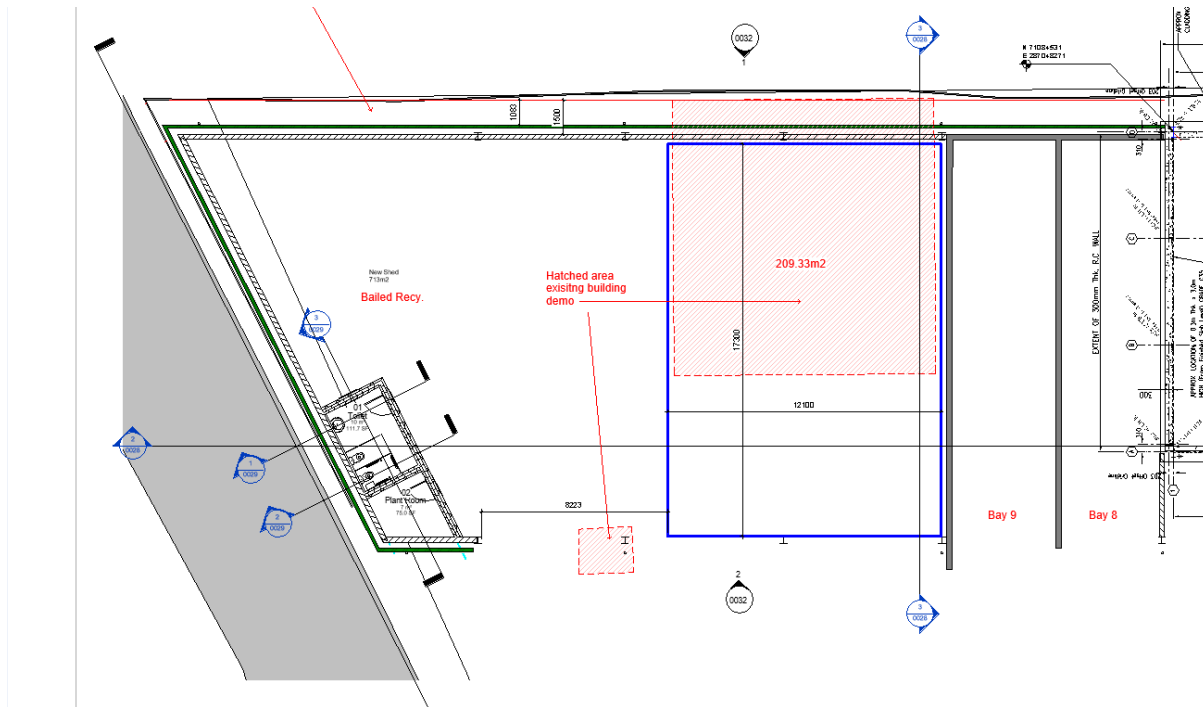
The site will have access to on-site hoses which connect to the two water tanks shown on the site plan which can be used for dousing any hot loads. There is also access to strategically placed fire extinguishers around the site as detailed.

A fire hydrant located within 88 metres of the site and a fire station within 1 mile are also integral to the FPP. The Fire Service have confirmed the fire hydrant conforms to British Standard 750 and is regularly serviced and maintained by them.

The proposed heat and smoke alarms will also be directly linked to 24-7 monitoring that would trigger a response from the fire brigade.

[illegible]

2



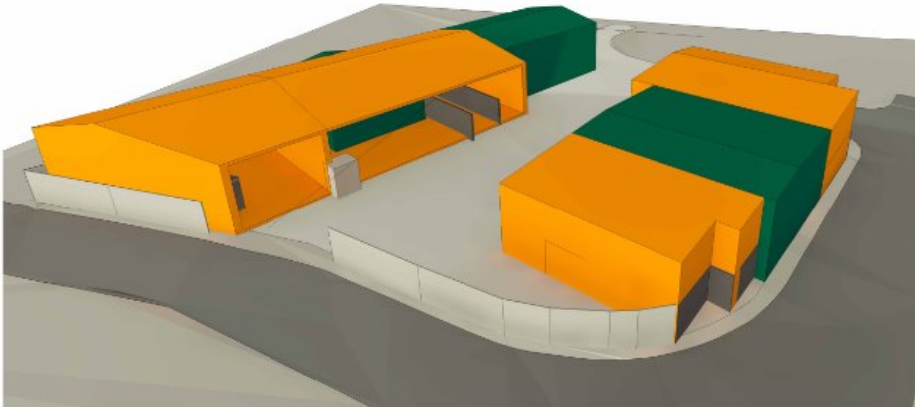
Recycling infrastructure

The existing sorting equipment requires replacement with a system capable of sorting the range of materials collected through the Simpler Recycling reforms. This will include the addition of soft plastics and film and cartons as well as additional materials generated from increasing numbers of households in the district.

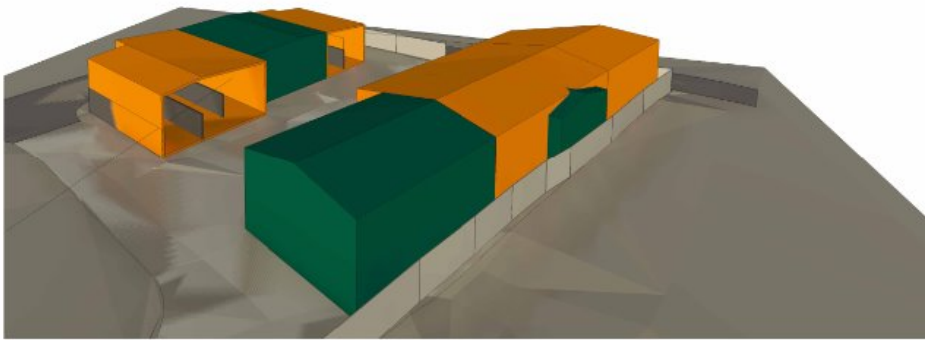
The new system will need to include specialist equipment required for the sorting process, including over-band magnets, eddy current separators, conveyor belts, picking stations and hoppers sufficient to store enough material to produce bales for onward transport to reprocessors. Materials will need to feed into the current baler with minimal secondary handling.

The new system also needs to be relocated further into site to provide space for a boundary wall that meet the necessary fire prevention and building regulations. The plan above shows the red hatched area of the existing system and the blue area the location of the replacement system.

Proposed new sheds



① Perspective 01



② Perspective 02

Proposed phasing for works

The proposed phasing plan was carefully considered to ensure the site could remain operational during delivery of the works.

Works will be carried out in phases to allow waste operations to continue throughout and ensure both TDC staff and external contractors are kept safe.

Works will take place in different bays with temporary closure of these bays and relocation of materials to other bays during works to allow for safe working. More loose loads will be sent out to avoid material accumulating.

Phase 1

Work to commence in glass bays (silos 1, 2 and 3). Whilst work is taking place in this area, silo 6 will be used for glass.

Phase 2

In the food skip storage area, card and plastic bays (silos 6 & 7). One of the spare food waste skips stored in this area will be moved across to the bale storage area (bottom left hand side of site). During this phase glass emptying and storage to move back to silos 1. Silos 2 & 3 to be used for storage of baled and loose material.

Phases 3 & 4

Third phase of works in the sortline and bale storage area. Fourth phase of works in the sortline area and plastics/metals feeder bays (silos 8 & 9). Sortline and baler to be decommissioned during these phases. Card back into silos 6 & 7 during phases 3 and 4. Plastic to be tipped into silo 5 whilst 8 & 9 are out of action.

Phase 5

Fifth phase of works in paper shed and hardstanding to side. Paper to be emptied into silo 3 and then baled using card baler for duration of this phase.



Project delivery timeframe

ID	Task Name	Duration	Start	Finish
1	Project commencement	14 days	Thu 24/10/24	Tue 12/11/24
2	AECOM and Team Appointment	0 days	Thu 24/10/24	Thu 24/10/24
3	Design team mobilisation	10 days	Thu 24/10/24	Wed 06/11/24
4	Briefing meeting/ site visit	1 day	Tue 12/11/24	Tue 12/11/24
5	RIBA 0-2	133 days	Wed 13/11/24	Fri 23/05/25
6	Review existing info	5 days	Wed 13/11/24	Tue 19/11/24
7	Procure and undertake surveys	15 wks	Wed 20/11/24	Tue 04/03/25
8	Stakeholder engagement (TDC, EA, SWW)	8 wks	Wed 13/11/24	Tue 07/01/25
9	Concept Design	12 wks	Wed 13/11/24	Tue 04/02/25
10	RIBA Stage 2 report	1.2 wks	Wed 05/02/25	Wed 12/02/25
11	TDC Sign Off Report and Feedback	13.4 wks	Thu 13/02/25	Fri 23/05/25
12	RIBA3	50 days	Tue 27/05/25	Mon 04/08/25
13	Developed Design	8 wks	Tue 27/05/25	Mon 21/07/25
14	RIBA Stage 3 report	1 wk	Tue 22/07/25	Mon 28/07/25
15	TDC Sign Off RIBA 3	1 wk	Tue 29/07/25	Mon 04/08/25
16	Planning	135 days	Tue 27/05/25	Tue 02/12/25
17	Pre-App Submission and LPA response (follows Stage 2 sign off)	8 wks	Tue 27/05/25	Mon 21/07/25
18	Planning Application	2 wks	Tue 05/08/25	Mon 18/08/25
19	Planning Application Validation	2 wks	Tue 19/08/25	Tue 02/09/25
20	Planning Decision Period incl. EA, SWW approvals	13 wks	Wed 03/09/25	Tue 02/12/25
21	RIBA 4	45 days	Tue 05/08/25	Tue 07/10/25
22	Technical Design	7 wks	Tue 05/08/25	Tue 23/09/25
23	RIBA Stage 4 report	1 wk	Wed 24/09/25	Tue 30/09/25
24	TDC Sign Off RIBA 4	1 wk	Wed 01/10/25	Tue 07/10/25
25	Building Control	25 days	Wed 08/10/25	Tue 11/11/25
26	Finalise pack and submit	1 wk	Wed 08/10/25	Tue 14/10/25
27	BC review	4 wks	Wed 15/10/25	Tue 11/11/25
28	Plans approval	0 days	Tue 11/11/25	Tue 11/11/25
29	Procurement	55 days	Wed 08/10/25	Tue 23/12/25
30	Prepare and issue ITT	1 wk	Wed 08/10/25	Tue 14/10/25
31	Tender Period	7 wks	Wed 15/10/25	Tue 02/12/25
32	Tender Review, Report and Contract Execution	3 wks	Wed 03/12/25	Tue 23/12/25
33	Contract Execution	0 days	Tue 23/12/25	Tue 23/12/25
34	Mobilisation and Construction Phase RIBA 5	300 days	Wed 24/12/25	Mon 01/03/27
35	Contractor Mobilisation	4 wks	Wed 24/12/25	Wed 21/01/26
36	Start on site	0 days	Wed 21/01/26	Wed 21/01/26
37	Construction (in 5 phases with sectional completions)	56 wks	Thu 22/01/26	Mon 01/03/27
38	Practical Completion (of all phases)	0 days	Mon 01/03/27	Mon 01/03/27