

Print Site Waste Management Plan for: Dixons Manchester

Date: 24 March 2023

Version number (if appropriate):

Site Waste Management Plan Progress

Step	Completed
1. Responsibilities	✓
2. Waste minimisation	
3. Forecast	
4. Waste management options	
5. Duty of care	
6. Training / Communication	
7. Actual versus Forecast waste	✓
8. Ongoing review of implementation	
9. Completion review	

Project Details

Project reference	13CB01
Project name	Dixons Manchester
Project address	North West M23 2JX
Project use class	High Schools (Education)
Actual start date	26/6/2023
End date	30/8/2024
Project cost (estimated)	£ 19,966,999.00
Floor area	6700.4 m ²
Description of site location	Demolition, refurbishment and 2yr new build school extension
Client	Department for Education - The Secretary of State for Education
Principal Contractor	Joe Smith

Responsibilities

	Name	Company	Company Type	Contact details
Who is responsible for drafting the SWMP?	Joe Smith	Morgan Sindal Construction	Principal contractor	07973 349256
Who is responsible for implementing the SWMP?	Joe Smith	Morgan Sindal Construction	Principal contractor	07973 349256
Who is the waste champion?	Joe Smith	Morgan Sindal Construction	Principal contractor	07973 349256
Who is the person in charge of the project?	Joe Smith	Morgan Sindal Construction	Principal contractor	07973 349256
Who is the client?	The Secretary of State for Education	Department for Education	Client	
Who is the principal contractor?	Joe Smith	Morgan Sindal Construction	Principal contractor	07973 349256

Where will this SWMP will be kept? (a copy should be kept onsite)

1) Electronic document	Yes
2) Paper based document	

Declaration statement: The Client and Principal contractor will take reasonable steps to ensure waste duty of care is complied with, materials are handled efficiently and waste is managed appropriately.

☐ Tick box to agree.

Client signature:	Print name:	Date:
Contractor signature:	Print name:	Date:

Waste minimisation decisions

Type of waste minimisation decision	Waste minimisation decision taken	At what RIBA plan of works stage has this been considered	By whom	Intended results	Carried out by	Comments	Decision status
Waste Management/Recovery	Appoint a site energy and waste champion to encourage and manage construction site activities and energy consumption, promote and manage waste reduction initiatives on site.		Site Team	Person responsible for encouraging less site waste and energy consumption.	Site Team		
Waste Management/Recovery	Incentivise car sharing / cycling to the project (e.g. priority spaces) - also roll out to Subcontractors. Also look at ways to reward staff and others for cycling to work.		Site Team	Reduces environmental impact and our carbon footprint.	Everyone		
Waste Management/Recovery	Make available on site: car / plant / hybrid EV charge points.		Site Team	Promote the use of electric cars for site staff or site plant. Reduces environmental impact and our carbon footprint.	Site Team		
Waste Management/Recovery	Promote use of public transport by providing bus & train timetables.		Site Team	Reduces environmental impact and our carbon footprint.	Everyone		
Waste Management/Recovery	Conserve energy. Use LED lighting, ensure devices are in standby mode when not in use, e.g. printers, scanners, microwave, TV's, monitors etc. Ensure heaters are not running all night and switch off heaters to unoccupied rooms. Reduce your thermostat b		Site Team	Reduce our environmental footprint by reducing our energy consumption.			

Type of waste minimisation decision	Waste minimisation decision taken	At what RIBA plan of works stage has this been considered	By whom	Intended results	Carried out by	Comments	Decision status
Waste Management/Recovery	Buy category F+ (A+) office welfare appliances. Speak to our accommodation desk.		Site Team	Reduces environmental impact and our carbon footprint.	Site Team		
Re-use and Recovery	Offer unused materials to local schools / colleges for reuse e.g. art projects. Or redistribute surplus site materials back into the community.		Site Team	Reuse and reduce waste	Site Tea,		
Materials	Aluprint signage which is an alternative to PVC (barnes) signage, i.e. made from polypropylene which is less damaging to the environment.		Site Team	Using more recycling material and material than can be recycled at the end of life	Site Team		
Waste Management/Recovery	Consider 120yrd 'open' skips in lieu of smaller 80yrd skips. However and dependent on cost 80yrd may be more cost effective. Costs to be understood before making a business decision.		Site Team	Reduce transportation by 1/3rd compared to 80yrd skips	Site Team and Subcontractors		
Waste Management/Recovery	Consider 660L wheelite bins in lieu of skips for light weight compactable waste ONLY such as; packaging / cardboard. NOT TO BE USED FOR HEAVY WASTE (metal / bricks / timber / plaster etc). Heavy waste can cause damage to the mechanisms of the compactor		Site Team	Reduces cost of skips. Can help with transportation of waste and manual handling. FOR LIGHT WEIGHT COMPACTIBLE WASTE ONLY SUCH AS PACKAGING OR CARDBOARD.	Site Team		
Waste Management/Recovery	Make sure that skips are sent back full. Some skip companies will collect skip waste off site religiously every week. Removing skips every week whether they are full or not will increase the total cost of skips as well as increase our carbon footprint.		Site Team	Cost savings to be gained as well as reducing your overall number of skip deliveries and collection (reducing our carbon footprint).	Site Team and Subcontractors		
Waste Management/Recovery	Please do not place soil into skips. The same for inert material, crushed concrete, rubble or stone. If we remove this material by wagons and bulk then this isn't counted in your skip numbers and skip allowance (I) and (I) (as long as it is classified as		Site Team	Cost savings to be gained as well as reducing your overall number of skip deliveries and collection (reducing our carbon footprint).	Site Team		
Re-use and Recovery	Gumdrop chewing gum bins.		Site Team	Gum-tac is used to manufacture the Gumdrop Bin and Gumdrop on-the-go, pink receptacles designed specifically for the disposal of waste chewing gum. Once the Gumdrop is full, the whole Gumdrop along with its contents of waste gum is recycled and processed	Site Team		
Re-use and Recovery	Protect take back closed loop scheme for Proplex plastic temporary sheeling (and Aluprint). If you are considering others then please make sure that they carry the relevant waste carrier licence to remove waste off site.		Site Team	Corre sheeting is sent back to be recycled into new Protec sheeling.	Soft Flooring, Joinery and Kitchen Subcontractors		
Materials	Protec Peel Guard - a liquid type protection that dries and is peeled away from the glass. Spray or roller applied to provide a skin-tight plastic film over the window, glass and frame, creating a barrier against damaging elements.		Site Team	More environmentally friendly than protecting glass with plastics and tape. Produces general waste when removed, although there will be significantly less waste than traditional methods.	Glazing company		
Waste Management/Recovery	Ensure any relevant waste reduction / sustainability targets are passed on effectively to our supply chain and included within their Subcontract Agreements.		Site Team	Gain buy in from all trades with regard to reducing our waste and improving our environmental footprint.	Site Team		
Waste Management/Recovery	Charge / penalise Subcontractors for waste and for not segregating waste or filling skips correctly. Alternatively consider a reward scheme for positive waste reduction and segregation.		Site Team	Promote waste improvement and buy in from all Subcontractors across the site.	Site Team		
Other	Review the Speedy green plant catalogue and share with Subcontractors.		Site Team	Promote greener plant and equipment use with all Subcontractors across the site.	Site Team and All Subcontractors		
Re-use and Recovery	Ask all trades to only supply reusable pallets, i.e. request that the subcontractor or supplier only provides Europallets.		Site Team	Europallets can be reused and even sold. Single use pallets will end up as waste as soon as they are delivered to site.	Morgan Sindall and all trades		
Waste Management/Recovery	Spray pallets to identify whose pallets they belong to and look to challenge the worst offenders.		Site Team	Gateman to spray pallets upon arrival to site with a trade specific colour marker. This way we will know who's pallet have gone into the skip and then able to challenge those companies.	Site Team		
Materials	Consider recycled plastic hoarding in lieu of timber or steel hoarding		Site Team	Reduces the use of timber products. Manufactured from recycled plastic and can also be recycled at end of life, i.e. a full closed loop system, can be reused more than once (unlike timber). Better finish than timber.	Hoarding subcontractor		
Re-use and Recovery	Consider steel hoarding in lieu of timber hoarding		Site Team	Better quality finish, can be reused and can be recycled at end of life.	Hoarding subcontractor		
Materials	Technocrete - fence post solution - replaces concrete in ground support.		Site Team	Less water, easier to handle, less concrete and can be crushed at the end of life to produce aggregate for concrete products. Made from 80% recycled material and sustainably sourced oil.	Hoarding and Fencing Subcontractor		
Waste Management/Recovery	Aggreko can help us with sizing up the right size of generator to power the site, select the most carbon friendly options (hybrid), their generators have been tested with HVO fuel (a low carbon diesel alternative fuel), and they can provide access to this		Site Team	Help us to select the right size of plant, uses low carbon fuel and helps us to monitor consumption from their web based system.	Site Team and Subcontractors		
Other	Consider a planted area during construction.		Site Team	Reduces environmental impact and our carbon footprint. We could also consider the plant species that helps to promote the pollination of bee species.	Site Team		

Type of waste minimisation decision	Waste minimisation decision taken	At what RIBA plan of works stage has this been considered	By whom	Intended results	Carried out by	Comments	Decision status
Waste Reduction	Consider portable toilets with solar panels to charge the hot water systems.		Site Team	Reduces environmental impact and our carbon footprint. Less electricity required to operate the site.	Site Team		
Waste Reduction	Order welfare units with waterless urinals.		Site Team	Reduces environmental impact and our carbon footprint. Less water consumed on site.	Site Team		
Waste Reduction	Consider welfare units and cabins that are more eco friendly		Site Team	Reduces environmental impact and our carbon footprint and energy consumption on site.	Site Team and Subcontractors		
Re-use and Recovery	Community Wood Recycling Project collect all types of wood waste and make: bird boxes, benches, planters, benches etc, out of collected timber.		Site Team	Community Wood Recycling Project are a social enterprise. They collect and recycle site timber and make into garden furniture, planters, or chip.	Site Team and Subcontractors		
Other	Request telematic data e.g. to measure idling time and fuel usage.		Site Team	Reduce fuel usage. Info to be fed back to the site team if carried out by a Subcontractor.	Site Team and Subcontractors		
Other	Reduce speed of telehandlers (disable 4th gear). This is minimal plant standard for telehandlers hires via MS plant hire desk.		Site Team	Reduce fuel usage and assist with health and safety measures on site.	Site Team		
Other	Speak to our plant desk about electrically operated plant, i.e. forklift, wacker plates, dumpers, MEWPS. JCB have introduced their e-tech range which is a JCB with a lift height of 6.0m, EV vehicle		Site Team	Reduces environmental impact and our carbon footprint.	Site Team and Subcontractors		
Other	Hydrogen fuel-cell powered lighting towers		Site Team	Zero site emissions, zero noise and zero spill risk.	Site Team and Subcontractors		
Other	GREEN D+HYVO alternative FUEL (Hydrotreated Vegetable Oil)		Site Team	Around 84% less CO ₂ compared to red diesel. HYVO is a fossil-free, paraffinic fuel made from 100% renewable raw materials. It is also a drop in fuel so requires no modification and will intermix with diesel. Its classed the same as EN590 and is a drop	Site Team and Subcontractors		
Other	GREEN D+ F-POD (a fuel point delivery system for HYVO fuel)		Site Team	Speedy can provide FOBs for access to the fuel to control which subs are taking fuel so we can contra charge them for the same.	Site Team		
Materials	Consider low temp (low carbon) asphalt surfacing		Site Team	Reduces waste plastic currently going to landfill or incineration - recycled plastic is sent to asphalt plants to incorporate into surfacing projects.	Site Team and Surfacing Subcontractor		
Other	Place a bootwash station on site.		Site Team	Reduces environmental impact and our carbon footprint.	Site Team		
Waste Reduction	Consider a rumble Strip. Alternative to wheel wash.		Site Team	Cost effective alternative to a wheel wash and frequent road sweeper hire. No water to provide waste or dispose of. No water course contamination, or freezing or icing. No power required or emissions. No breakdowns.	Site Team		
Re-use and Recovery	Greenham PPE recycling service. Please leave PPE for 72 hours before handling due to COVID-19.		Site Team	This protects our brand and improves our carbon footprint. Greenham will take all used PPE including subs old PPE.	Site Team		
Construction methods	Echo Barrier - site acoustic barrier and enclosure cutting station.		Site Team	Protect the long term health of site personnel and reduce environmental noise and dust exposure. Lab tested to give in excess of 40 dB noise reduction. Water / dust resistant. Fully Fire Resistant.	Site Team		
Re-use and Recovery	Encourage the use of reusable cutlery to reduce the amount of plastic cutlery generated. Sites to purchase cutlery for use by others using welfare facilities, e.g. site mobile sandwich van.		Site Team	Will minimise the quantity of single use plastic cutlery.	Site Team		
Re-use and Recovery	Provide site staff with reusable water bottles.		Site Team	Removed all Plastic / Paper cups from site, instead by handing out reusable water bottles at site inductions. Also reducing plastic going back to land fill.	Site Team		
Re-use and Recovery	Encourage use of glasses / paper cups for drinking water instead of plastic cups.		Site Team	Removed all Plastic cups from site. Also reducing plastic going back to land fill.	Site Team		
Re-use and Recovery	Project Manager to reuse materials were possible, i.e. containerise site set up materials and equipment at the end of a Project, site furniture, fire ext, walkie talkies, TV's for meeting rooms etc.		Site Team	Reduce overall cost of rebuying new.	Site Team		
Waste Reduction	Use foil mastic chubs for use in an applicator gun in lieu of plastic mastic cartridges. These strong durable packs are easy to use with no mess and contain less than 1% plastic. They're much better for the environment because they generate 96% less wast		Site Team	Reduces the amount of plastic being disposed of on site. The Professional Builder published an article in 2019 about plastic cartridges in the UK construction industry. They claim that an estimated two million single use plastic sealant cartridges are p	Site Team		
Waste Management/Recovery	*Waste Management Strategy Plan - ask the Subcontractor to share their waste reduction / prevention strategy plan for the project.		Site Team	Better understanding of the Subcontractors commitment to helping us to reduce waste on our projects.	MEP Subcontractor		
Waste Reduction	Ask Subcontractors to delivery MEP fittings prebagged by room.		Site Team	Reduces the amount of packaging coming to site.	MEP Subcontractor		
Re-use and Recovery	Ask the subcontractor to send back all plastic cap ends for all their steel pipe to their supplier for reuse by their distributor.		Site Team	Reduces the amount of single use plastic entering our waste streams.	MEP Subcontractor		
Waste Reduction	Ask the MEP subcontractor to provide metal skips for them to send back pipe offcuts.		Site Team	Recycling steel products	MEP Subcontractor		
Waste Reduction	Consider building rainwater harvesting.		Site Team	Reduces environmental impact and our carbon footprint. Uses grey water for flushing toilets.	MEP Subcontractor		

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Re-use and Recovery	Mitsubishi and Dakin offer an 'End-of-Life' scheme for heating units such as boilers.		Site Team	Reduces waste in skips and landfill. Significant carbon savings achieved by processing recycled material.	MEP Subcontractor		
Re-use and Recovery	Reuse cable reels and drums to promote a circular economy		Site Team	Reuse	MEP Subcontractor		
Materials	Whitecroft 'Cascade Flex, is a ground-breaking product in terms of its construction - it uses 70% less plastic than a conventional modular luminaire making it a more sustainable product selection.		Site Team	Reduces the amount of single use used within the building	MEP Subcontractor		
Materials	Dakin Atherma 3 GEO for Collective Housing provides an innovative approach to reducing the carbon footprint of apartment buildings. Individual heat pumps deliver economical heating, hot water and optional cooling for each apartment connected via a centre		Site Team	Renewable energy is optimised and heat losses in distribution are minimised, improving the environmental performance of the apartment building.	MEP Subcontractor		
Re-use and Recovery	For refurb projects then Dakin will look to recover and reclaim refrigerants from the building to be demolished or refurbished.		Site Team	Reclaiming refrigerants avoids the associated carbon emissions associated with the production of F-gases. This also helps to reduce waste disposal due to refrigerant being reused again and the end of life.	MEP Subcontractor		
Waste Reduction	Consider materials delivered without packaging, e.g. Apex wiring solutions.		Site Team	Reduces environmental impact and our carbon footprint.	MEP Subcontractor		
Waste Reduction	Ask sube to consider metal skiffages for the delivery of metal cabling components (which are less sensitive to exposure to the weather than some materials). Skiffages to be collected by the MEP subcontractor's supply vehicles and then re-used on future d		Site Team	Avoidance of unnecessary waste helps to reduce carbon emissions, minimise waste going to landfill and demonstrates a commitment to sustainable construction.	MEP Subcontractor		
Materials	Low carbon concrete by using PFA or GGBS (ground granulated blast furnace - by product of iron making) content rather than 30% OPC content.		Site Team	Carbon savings achieved. More dense, stronger but expect longer drying times with using GGBS. Please note that there are quality concerns with respect to using fly ash.	Groundworker / Frame		
Materials	Hanson's Tough bag (25kg cement bag) - promoted via Jewson is 90% less plastic than a standard cement bag and is 50% stronger. The bag seal is less likely to break (a slight cut in a cement bag can lead to the product setting hard in the corners of the b		Site Team	More sustainable than standard plastic cement bags.	Groundworker / Frame		
Materials Optimisation	Hylen BAMTEC or BRC Carpet Reinforcement for stairs.		Site Team	Reduces fixing cost by up to 80% compared to conventional loose bar. Also reduces waste and provides an occupational health plus, as men aren't having to lift, carry and bend as much. Typically up to 20% savings compared to traditional cut & bent bar rein	Groundworker / Frame		
Materials	Biodegradable alternative to mould release soap of used for shuttering. Can be procured from a number of sources, e.g. prison products, Adomast etc.		Site Team	More environmentally friendly, safe and biodegradable.	Groundworker / Frame		
Off Site Construction	FP McCann Thermabeam Flooring System		Site Team	Thermabeam is an insulated concrete flooring system that can help to reduce CO2 emissions by decreasing the amount of non renewable energy required to heat a building.	Groundworker / Frame		
Materials	Kingspan product take back scheme. Waste collected, unused insulation boards, insulation board off-cuts (not bonded insulation), primary packaging, e.g. polythene shrink wrap, cardboard edge protectors, transit packaging e.g. EPS strips, etc.		Site Team	Financial savings to be gained. 1t of insulation and packaging is circa 3m ³ 10cuyd skips. Product is reused or downcycled or sent to waste to energy.	Groundworker / Frame		
Construction methods	Electrically operated ground water pumps for over pumping sewers and culverts and the like.		Site Team	More sustainable than diesel or petrol options which reduces our carbon footprint.	Groundworker / Frame		
Construction methods	JCB Electric 1.5t mini excavator and Dumper trucks.		Site Team	More sustainable than diesel or petrol options which reduces our carbon footprint.	Groundworker / Frame		
Construction methods	Whacker Neuson - A cordless battery internal vibrator for compacting concrete.		Site Team	More sustainable than diesel or petrol options which reduces our carbon footprint. Time and effort savings, when processing large areas, the operator saves time and effort, as no re-plugging of the internal vibrator connection or relocation of the cover	Groundworker / Frame		
Re-use and Recovery	Cut and fit exercise to maximise use of excavate material.		Site Team	Min excavated material removed off site.	Groundworker		
Re-use and Recovery	Reusing excavated material for temp walkways, hardstandings or battered retaining walls.		Site Team	Reuse	Groundworker		
Re-use and Recovery	Reusing excavated weathered rock for drainage backfill and crane bases.		Site Team	Reuse	Groundworker		
Re-use and Recovery	Crush and reuse excess concrete.		Site Team	Reuse	Groundworker / Frame		
Off Site Construction	Precast cores and stairs.		Site Team	Reduce waste through off site manufacture.	Groundworker / Frame		
Waste Efficient Procurement	Stalmaster permanent formwork. Forms part of the final product - for in situ concrete stairs.		Site Team	Reduce use of temp formwork which is then disposed off site.	Groundworker / Frame		
Re-use and Recovery	Reusable timber skids.		Site Team	Reuse	Groundworker / Frame		
Re-use and Recovery	Recycle water using a water buff e.g. water from excavations for damping down.		Site Team	Reduces environmental impact by using less mains water supply.	Groundworker / Frame		

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Re-use and Recovery	Stomboard is a reusable concrete shuttering board.		Site Team	Does not rot, does not delaminate, smooth finish, multiple reuses, externally stored and can be recycled into another product at the end of its' life.	Groundworker / Frame		
Materials Optimisation	Pecfill permanent formwork as shuttering. Pecfill can be left in place after concrete has been poured and does not need to be disposed of site.		Site Team	Better than plywood shuttering. Can be left in place and doesn't become site waste.	Groundworker / Frame		
Materials Optimisation	Where current UK standards allow Polypipe products are made from recycled bottles from their own recycling plant. All their products are 100% recyclable at end of life. All packaging is also 100% recyclable.		Site Team	Materials manufactured from recycled material.	Groundworker		
Waste Efficient Procurement	Use Polypipe 750mm rigidrain as a time saving and safe solution, for steelwork deep pad foundation formwork.		Site Team	This operation also reduces the time it takes to shutter foundation and also eliminates timber waste.	Groundworker		
Materials Optimisation	Flex MSE - living retaining wall.		Site Team	Flex MSE is faster and easier to install, cheaper, more sustainable, and can be fully recycled at the end of its, compared to steel girders or concrete retaining structures. They can be employed to take most shapes and heights.	Groundworker		
Re-use and Recovery	ArcelorMittal manufacture steel from 100% recycled scrap metal steel using electric arc furnaces.		Site Team	Almost a 5% less carbon compared to traditional steel manufacturing.	Structural Steelwork		
Materials Optimisation	Use concrete blockwork instead of brickwork in foundations.		Site Team	Carbon savings achieved.	Bricklayer		
Materials Optimisation	Subframes UK are the largest supplier of welded and mechanically joined cavity closures.		Site Team	Eliminates the need for timber window formers.	Bricklayer		
Other	Batford's operations have started to use Pure Green electricity as of January 1st 2021.		Site Team	Carbon benefits.	Bricklayer		
Re-use and Recovery	Pallets - the majority of bricks can be supplied without pallets. The brick companies will deliver on pallets but please note that these will likely be single use pallets.		Site Team	Recycling and reuse.	Bricklayer		
Re-use and Recovery	Consider reclaimed brick on the project.		Site Team	Carbon savings through using recycled material.	Bricklayer		
Other	Buy blocks from Beelblock. They have commissioned a large energy from waste wood plant to serve both of their factories. This is in addition to their large photovoltaic installation. That said they anticipate that their production process will be carbon n		Site Team	Carbon savings	Bricklayer		
Other	Using blocks with an increased PFA content can provide carbon savings.		Site Team	Carbon savings.	Bricklayer		
Materials	Using cross laminated timber load bearing walls in lieu of 215mm blockwork.		Site Team	Carbon savings	Bricklayer		
Construction methods	Ask the bricklaying Subcontractors to cut facing brick and block off site.		Site Team	Reduce site waste.	Bricklayer		
Construction methods	Use split blocks to save cutting and waste.		Site Team	Minimise waste	Bricklayer		
Re-use and Recovery	Reusable / recyclable mortar tubs.		Site Team	Reuse and minimise site waste	Bricklayer		
Re-use and Recovery	Kingspan product take back scheme. Waste collected, unused insulation boards, insulation board off-cuts (not bonded insulation), primary packaging, e.g. polythene shrink wrap, cardboard edge protectors, transit packaging e.g. EPS strips, etc.		Site Team	Financial savings to be gained. 1t of insulation and packaging is circa 3m ³ 15cuyd skips. Waste reused, down cycled or burnt to energy	Bricklayer		
Materials	Most SFS manufactures will manufacture materials to project specific lengths (regardless of the length, with no minimum length charges etc.) which means other than head and base tracks, nothing needs to be cut on-site and therefore limited waste.		Site Team	Reduce waste	SFS Subcontractor		
Materials	Weather Defence Board made to bespoke sizes.		Site Team	Design out waste. Helps to identify efficiencies.	SFS Subcontractor		
Materials	Alumatic Roofing Systems have a "Carbon Neutralizing" membrane. There waterproofing system absorbs / captures localised atmospheric Carbon Dioxide.		Site Team	Free of solvents and volatile organic compounds (VOCs). 100% recyclable. Proven neutralization of CO2 from the atmosphere (when it rains, the CO2 present in the atmosphere will come into contact with the olivine on the roof. On this contact, a chemical	Roofing and Cladding Subcontractor		
Waste Prevention	Baumer AP3 protection board - applied directly on top of the hot melt, either AP1 or AP2, is an intermediate layer between the hot melt and the roof ballast, paving and green roof. AP3 provides heavy duty protection to the hot melt during construction, a		Site Team	Avoid use of temporary plywood temp roof protection.	Roofing and Cladding Subcontractor		
Materials	Baumer have a carbon neutral PV system.		Site Team	The system provides solar energy for carbon reduction, providing an efficient energy generation solution. The Baumer PV system provides; higher power output, better temperature-dependent performance, reduced shading effect on the energy generation, lower	Roofing and Cladding Subcontractor		
Waste Prevention	Isopal Parafill Hot Melt has a interlayer temporary protection layer that forms part of the final product.		Site Team	Reduce use of temporary plywood or timber sheet protection. Timber sheets are normally placed into our skips for disposal.	Roofing and Cladding Subcontractor		

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Waste Prevention	Isopal FireSmart is supplied with the brand embossed on the Therofusible film to rear of felt roll. This eliminates the use of packaging to strip the roll from sticking together. Only the branding is used to secure the roll. No additional packing used.		Site Team	No packaging waste.		Roofing and Cladding Subcontractor	
Waste Prevention	IKO Permatek is a hot applied liquid used for inverted, cold, flat roof constructions, podiums or balconies. The hot melt bitumen block cakes protected with thermix fusible Ecoverap film (biodegradable crumb film). Throw the cake into the pot along with it.		Site Team	No packaging waste.		Roofing and Cladding Subcontractor	
Waste Prevention	SKA Promelt is a hot applied liquid used for inverted, cold, flat roof constructions, podiums or balconies. 15% of their hot melt compound is made using recycled materials and does not require any additional packaging such as cardboard. The compound is		Site Team	No packaging waste.		Roofing and Cladding Subcontractor	
Re-use and Recovery	Euroclad Group Ltd will arrange the collection of all packaging material supplied by themselves, including: bearers, pallets, polystyrene etc. These would be collected in Dunnage Bags (Packaging material) or on a Wood Skip in relation to pallets.		Site Team	Recycling and reuse		Roofing and Cladding Subcontractor	
Materials	Euroclad Group Ltd have a variety of carbon neutral products within their range.		Site Team	Carbon savings		Roofing and Cladding Subcontractor	
Materials	Pritan products are made from environmentally friendly raw materials, which are produced, used and handled with a minimal use of resources.		Site Team	Carbon savings		Roofing and Cladding Subcontractor	
Other	Carbon benefits by changing from aluminium curtain walling to rainscreen cladding with terracotta facing.		Site Team	Carbon savings		Roofing and Cladding Subcontractor	
Re-use and Recovery	Hydro produce their Circal 75R product which is made from recycled aluminium. Hydro also manufacture Reduxa 4 which again is an aluminium based product (less than 10% of the carbon content to the European average).		Site Team	75 R contains a minimum of 75% recycled material, this process is independently certified. The process uses only 5% of the energy that is required to produce virgin billet. Any products currently not extruded from Circal 75 will be extruded from Reduxa		Curtain Walling Subcontractor	
Other	Carbon benefits by changing from aluminium curtain walling to aluminium clad timber windows.		Site Team	Carbon savings achieved by changing material.		Curtain Walling Subcontractor	
Other	Carbon benefits by changing from uPVC framed double glazed windows to aluminium clad timber windows.		Site Team	Carbon savings achieved by changing material.		Curtain Walling Subcontractor	
Other	A carbon reduction up to 1% could be achieved on the total building by changing to ceiling tiles with a recycled content >90%, e.g. Armstrong Optima, Paria and Sierra OP-range all have more than 50% recycled content (and are fully recyclable).		Site Team	Carbon savings achieved by using recycled material.		Partition and Ceiling Subcontractor	
Re-use and Recovery	Armstrong ceiling take back scheme for ceiling tile waste off cuts. Armstrong will provide suitable bags for the Subcontractor to fill with ceiling tile waste. They will be 100% recycled into new ceiling tiles. For full use Armstrong supply 1 tone b		Site Team	Recycle		Partition and Ceiling Subcontractor	
Re-use and Recovery	'Armstrong Ceiling tile 'End-of-Life' scheme. For refurb type work. Armstrong will collect any quantity of suitable wet felt mineral fibre, stone wool and glass wool ceiling tiles where they are being replaced by Armstrong ceiling tiles. We must be p		Site Team	Recycle		Partition and Ceiling Subcontractor	
Other	Ecothon's ceiling tiles are made from a minimum of 70% recycled glass and can be recycled in their form.		Site Team	Using more recycled material in our projects		Partition and Ceiling Subcontractor	
Re-use and Recovery	Rockfon take back scheme. Rockfon will provide suitable bags for the Subcontractor to fill with ceiling tile waste and cut offs. Waste will be 100% recycled into new ceiling tiles. Products need to be returned to their factory in South Wales (Pencoed,		Site Team	Recycle		Partition and Ceiling Subcontractor	
Re-use and Recovery	BG & Simat Plasterboard Recycling Scheme.		Site Team	Recycle		Partition and Ceiling Subcontractor	
Waste Reduction	BG & Simat bespoke board services (also includes metal stud).		Site Team	Reduce		Partition and Ceiling Subcontractor	
Re-use and Recovery	BG pallet collection scheme.		Site Team	Recycle		Partition and Ceiling Subcontractor	
Other	Fermacell Board.		Site Team	More environmentally friendly than gypsum boards		Partition and Ceiling Subcontractor	
Other	A carbon reduction could be achieved up to 1% on the total building by changing to a natural wool insulation in lieu of mineral wool.		Site Team	Reduce our environmental footprint		Partition and Ceiling Subcontractor	
Re-use and Recovery	Kingspan product take back scheme. Waste collected, unused insulation boards,		Site Team	Recycle. Financial savings to be gained. 1t of insulation and packaging is circa 3m ³ 10cu yd skips.		Partition and Ceiling Subcontractor	

Type of waste minimisation decision	Waste minimisation decision taken	At what RIBA plan of works stage has this been considered	By whom	Intended results	Carried out by	Comments	Decision status
Waste Reduction	Spray Plaster		Site Team	Better quality finish. Less Waste. No mixing or water on site required. Less water consumption i.e. cuts water usage by circa 75%. No overspray. Reduced dust exposure (no sanding required). Reduced risk from falling from height (ability to spray up 1	Partition and Ceiling Subcontractor		
Re-use and Recovery	Terra Ecoboard plastic an ecological alternative to plywood and OSB.		Site Team	Use more recycled materials	Partition and Ceiling Subcontractor		
Waste Reduction	Board chipper		Site Team	Reduce the volume of boards entering our skips	Partition and Ceiling Subcontractor		
Re-use and Recovery	All plasterboard offcuts to be re-used within the building for the likes of bulkheads, columns, beams etc.		Site Team	Reduces the amount of additional plasterboard required on a project	Partition and Ceiling Subcontractor		
Waste Management/Recovery	Building water tight before boarding commences		Site Team	Reduce the amount of rework and damaged plasterboard	Partition and Ceiling Subcontractor		
Waste Reduction	Speak to the manufacturer. Ask them to critique the information. We may be able to reduce double boarded partitions to single boarded, were possible.		Site Team	Reduce the amount of plasterboard coming to site	Partition and Ceiling Subcontractor		
Off Site Construction	Off site PODs, bedroom or bathrooms units		Site Team	Reduce waste through off site manufacture	Modular company		
Re-use and Recovery	Arnold Laver waste take back scheme. Take back timber/sheet material based waste & pallets only from sites that they have supplied to.		Site Team	Recycle	Joinery Subcontractor		
Re-use and Recovery	Donate timber to a charity of choosing, e.g. local wildlife Trust.		Site Team	Reuse	Joinery Subcontractor		
Re-use and Recovery	Door Companies pallet take back.		Site Team	Recycle	Joinery Subcontractor		
Re-use and Recovery	Paint can take back scheme		Site Team	Recycle	Decorator		
Waste Management/Recovery	Dulux wash system for tools on site.		Site Team	Prevents contaminated water from going down the drain. The system separates paint washings into clear water and solid residue. The clear water becomes 'grey' water and so can go safely down the drain. The solid paint residue powder can be placed int ou	Decorator		
Materials	Dulux Evolve matt contains 35% recycled paint content.		Site Team	Over 30million litres of perfectly useable paint is incinerated or dumped in landfill every year. The Dulux evolve matt look to change this.	Decorator		
Re-use and Recovery	Recipro are based in Wallasey operate the Dulux community repair scheme.		Site Team	Reuse. Generally FOC but may charge dependent on site location and vehicle size required.	Decorator		
Materials	Altro adhesive free flooring		Site Team	Up to 50% less time to lay due to no adhesive. Fewer materials and therefore offering savings up to 35% on cost. (Nov 2020) Altro don't have an carbon info on this product as yet.	Soft Flooring		
Re-use and Recovery	New vinyl offcuts - Recofloor National vinyl take-back scheme, founded by leading flooring manufacturers. Take back any non safety and safety vinyl		Site Team	Recycle	Soft Flooring		
Re-use and Recovery	Existing vinyl - Recofloor, the national vinyl take-back scheme, founded by leading flooring manufacturers; Altro and Polyflor.		Site Team	Polyflor and Altro can collect upfitted vinyl waste, providing it isn't heavily contaminated, i.e. the amount of soiled etc underneath the vinyl isn't thicker than the vinyl itself - but the Recofloor team can talk you through this.	Soft Flooring		
Re-use and Recovery	Forbo recycle their: Florflex, Eternal, Sphera and Sartin smooth sheet vinyl, Aflara and Noviflex cushioned vinyl, Tessera carpet tile and their marmoleum		Site Team	Recycle FOC	Soft Flooring		
Materials	Forbo's vinyl range contains 70% recycled content in their backing. They produce all their vinyl in Europe where it meets the highest possible current and future REACH compliance standards for chemical content. Of all the electricity they buy, 100% come		Site Team	Use more materials manufactured from recycled material.	Soft Flooring		
Materials	Forbo's marmoleum is made from 91% natural raw materials, 72% of which is renewable and will grow back within 10 years. At the 'end of life' marmoleum is 100% biodegradable under controlled conditions.		Site Team	More environmentally friendly material compared to standard vinyl	Soft Flooring		
Materials	Forbo's Coral collection is made from old carpet fluff to abandoned fishing nets. The primary backing of Coral Welcome is made from recycled plastic PET bottles.		Site Team	Use more materials manufactured from recycled materials	Soft Flooring		
Materials	Forbo's Tessera carpet tiles, made in the UK, have at least 57% recycled content (by weight), with some containing an impressive 77%.		Site Team	Use more material manufactured from recycled material	Soft Flooring		
Materials	Gefloor LINO is manufactured from natural and renewable raw materials. From Gefloor only their linoleum can be declared as 'carbon neutral' for 'cradle to gate' stage. The product is not 'carbon neutral' from 'cradle to grave'.		Site Team	Linoleum is an environmentally-friendly floor type made from renewable materials, making it far more sustainable than vinyl.	Soft Flooring		
Materials	A carbon reduction could be achieved up to 1% on the total building by changing to natural rubber flooring in lieu of vinyl.		Site Team	Natural rubber flooring is an environmentally-friendly floor type made from renewable materials, making it far more sustainable than vinyl.	Soft Flooring		

Type of waste minimisation decision	Waste minimisation decision taken	At what RIBA plan of works stage has this been considered	By whom	Intended results	Carried out by	Comments	Decision status
Waste Reduction	Carpet cut to size. Circa 20% of carpet goes to waste. Adopting best practice can help to reduce this to 10% or less.		Site Team	Less waste on site.	Soft Flooring		
Materials	Interface have a range of CARBON NEUTRAL products - all products from Interface are carbon neutral.		Site Team	Reducing embodied carbon and carbon footprint.	Soft Flooring		
Re-use and Recovery	Interface will take away any existing carpet tiles (from any manufacturer) from site, to be recycled, provided that they are specified on the project.		Site Team	Recycle existing site won material	Soft Flooring		
Re-use and Recovery	Carpet Recycling UK will advise on the best solution to reduce waste to landfill through recycling carpet via their recycling partners.		Site Team	Recycle unused or offcut carpet tiles and carpets	Soft Flooring		
Re-use and Recovery	Gratus product take back scheme. On the larger sites, they can provide locked wheele bins (to avoid contamination). They will collect 'waste off cuts' of Aluminium retainer and Vinyl cover for their Wall Protection System, and return to their UK manufac.		Site Team	Recycle waste off cuts	Soft Flooring		
Waste Reduction	Gratus wall protection bespoke board & metal sizes.		Site Team	Reduce waste on site	UPV's wall covering provider.		
Materials	A carbon reduction up to 1% could be achieved on the total building by changing to recycled asphalt instead of 100% virgin asphalt.		Site Team	Carbon savings achieved.	Surfacing		
Materials	MacRubur alternative to asphalt surfacing. Use recycled products as a polymer binder in asphalt.		Site Team	Reduces waste plastic currently going to landfill or incineration	Surfacing		
Materials	Tarmac low temperature asphalt.		Site Team	Lower CO2 than conventional asphalt with improved health and safety due to the lower temperature.	Surfacing		
Materials	Huyton Asphalt Halo - low temperature / low		Site Team	CO2 savings, safer, uses recycled tyres.	Surfacing		
Re-use and Recovery	Marshalls product take back scheme.		Site Team	Reuse or recycle	Hard Landscaping		
Waste Reduction	Marshalls pallet collection scheme.		Site Team	Recycle	Hard Landscaping		
Materials Optimisation	Scott Parnell Techno Crete - fence post solution - replaces concrete in ground support.		Site Team	Less water, easier to handle, less concrete and can be crushed at the end of life to produce aggregate for concrete products. Made from 85% recycled material and sustainably sourced oil.	Hard Landscaping		
Other	Fusion compostable cardboard tree guards, made from 100% recycled OCC (old corrugate and card) pulp and supported by recyclable poles.		Site Team	Carbon savings by switching from plastic tree guards.	Soft Landscaping		
Other	Polytip's Green Urban Solution - maximise the value, both retention of existing trees and new tree planting via Polytip's		Site Team	Cost effective and low maintenance tree pit solution, long term, low maintenance operational life, seamless integration with SuDS and green infrastructure, creates multifunctional landscaping and save more developable space across a range of sites.	Soft Landscaping		
Other	More planting / earlier in program to offset carbon emissions & leave legacy		Site Team	Reducing embodied carbon and carbon footprint.	Soft Landscaping		
Re-use and Recovery	Recycle old aluminium curtain wall / window profile		Site Team	Recycle for reuse	Curtain Walling / Glazing Subcontractor		
Other	Solar powered ECO CCTV tower system, capable of delivering a fully monitored HD CCTV solution for the early stages of the Project.		VIS Systems	Reduce carbon emissions	Site Team		
Re-use and Recovery	Recycling Aluminium (RE-AL) is the only company in the UK entirely focused on receiving waste ACM (Aluminium Composite Materials) panels from re-cladding projects and separating waste materials into Aluminium and Plastic components.		Site Team	Recycle	Roofing and Cladding		
Re-use and Recovery	Jackpad is a reusable foundation system with the ability to support modular buildings of all manufacturers in various single, double & triple storey configurations. Jackpad is manufactured from recycled plastic.		Site Team	Reuse	Site Team		
Re-use and Recovery	Aggreko / Andrew Sykes can help us with temp environmental building heaters, i.e. low energy electric heaters, electric powered and mobile boilers that can heat large spaces.		Site Team	Reduce carbon emissions	Site Team		
Re-use and Recovery	Consider photovoltaic pods as a battery bank		Site Team	Reduce carbon emissions	Site Team		
Re-use and Recovery	Solar Cube PV with battery back up		ICE-Power	Reduce carbon emissions	Site Team		
Re-use and Recovery	Pulse Hybrid 200		One of Pulse's approved hire companies	Reduce carbon emissions	Site Team		
Re-use and Recovery	Eco friendly cleaning products - PVA Hygiene		Site Team	Recycle	Site Team		
Re-use and Recovery	ECO360 cardboard desk furniture for site offices.		Site Team	Recycle	Site Team		

Forecast of waste types and amounts

Work Package	Subcontractor	Waste type	Waste Sub Type	Estimate amount (m3)	Estimate amount (tonnes)	Likely cause	Notes
Construction	Bricks (17 01 02)			~ 21.1	25.3		
Construction	Tiles and Ceramics (17 01 03)			~ 3.2	1.9		
Construction	Concrete (17 01 01)			~ 12.7	16.1		
Construction	Inert (17 01 07)			~ 42.4	52.6		
Construction	Insulation materials (non hazardous) (17 06 04)			~ 5.8	2.2		
Construction	Metals (17 04 07)			~ 16.0	6.7		
Construction	Packaging materials (15 01 06)			~ 44.3	9.3		
Construction	Plasterboard / Gypsum (17 08 02)			~ 34.5	11.4		
Construction	Binders (17 01 01)			~ 0.2	0.2		
Construction	Plastic (excluding packaging waste) (17 02 03)			~ 11.6	2.7		
Construction	Timber (17 02 01)			~ 53.3	18.1		
Construction	Floor coverings (soft) (20 01 11)			~ 1.9	0.5		
Construction	Electrical and electronic equipment (non hazardous) (20 01 36 or 16 02 14)			~ 0.5	0.1		
Construction	Bulky waste / Furniture (20 03 07)			~ 0.1	0.0		
Construction	Canteen/Office/Adhoc waste (20 03 01)			~ 28.0	5.9		
Construction	Liquids (16 10 02)			~ 0.1	0.1		
Construction	Stimulus mixtures (non hazardous e.g. asphalt) (17 03 02)			~ 17.6	14.4		
Construction	Hazardous waste"			~ 5.5	4.8		
Construction	Other waste			~ 51.0	10.7		
Construction	Mixed construction and/or demolition waste (17 09 04)			~ 226.8	72.6		
Total				579.3	255.6		

Waste management options

Waste type		Reduce (%)	Reuse (%)	Direct Recycle (%)	Recovery (%)	Energy Recovery(%)	Landfilled/Disposal (%)	Container type	Waste Management contractor	Exemptions
Bricks (17 01 02)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	100 %	0 %	0 %	0 %			
Tiles and Ceramics (17 01 03)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	100 %	0 %	0 %	0 %			
Concrete (17 01 01)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	100 %	0 %	0 %	0 %			
Inert (17 01 07)	onsite	0 %	0 %	50 %	0 %	0 %	0 %			
	offsite	0 %	0 %	50 %	0 %	0 %	0 %			
Insulation materials (non hazardous) (17 06 04)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	0 %	50 %	50 %	0 %			
Metals (17 04 07)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	10 %	90 %	0 %	0 %	0 %			
Packaging materials (15 01 06)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	100 %	0 %	0 %	0 %			
Plasterboard / Gypsum (17 08 02)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	100 %	0 %	0 %	0 %			
Binders (17 01 01)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	0 %	50 %	50 %	0 %			
Plastic (excluding packaging waste) (17 02 03)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	20 %	40 %	40 %	0 %			
Timber (17 02 01)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	20 %	0 %	80 %	0 %			
Floor coverings (soft) (20 01 11)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	50 %	0 %	50 %	0 %			
Electrical and electronic equipment (non hazardous) (20 01 36 or 16 02 14)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	100 %	0 %	0 %	0 %			

Waste type		Reduce (%)	Reuse (%)	Direct Recycle (%)	Recovery (%)	Energy Recovery (%)	Landfilled/Disposal (%)	Container type	Waste Management contractor	Exemptions
Bulky waste / Furniture (20 03 07)	onsite	0 %	10 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	0 %	0 %	90 %	0 %			
Canteen/Office/Adhoc waste (20 03 01)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	0 %	0 %	95 %	5 %			
Liquids (16 10 02)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	0 %	0 %	0 %	0 %			
Bituminous mixtures (non hazardous e.g. asphalt) (17 03 02)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	100 %	0 %	0 %	0 %			
Hazardous waste*	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	0 %	0 %	0 %	0 %			
Other waste	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	0 %	0 %	0 %	0 %			
Mixed construction and/or demolition waste (17 00 04)	onsite	0 %	0 %	0 %	0 %	0 %	0 %			
	offsite	0 %	0 %	0 %	45 %	40 %	5 %			
Overall target		0 %	5 %	30 %	30 %	34 %	1 %			

Duty of care

Waste Management Contractor Name	Waste carrier license number	Issue date	Expiry date	Waste Transfer notes storage location
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Please note, there is no longer a requirement for any premises in England to register with the Environment Agency, even if they produce or store over 500kg of hazardous waste per year.

Have you registered with Natural Resources Wales (NRW) as a hazardous waste producer? ☐

If so, please provide your hazardous waste registration number:

Date of issue: Date of expiry:

Training / Communication

Training

Everyone on site should receive relevant training which should include:

- The SWMP
- Roles and responsibilities
- Waste procedures on site
- Hazardous waste
- Duty of care / responsibilities
- Materials storage.

The following types of training are being undertaken:

- ☐ Induction
☐ Tool box talks
☐ Workshops
☐ Other

The training log is kept at:

This table can also be used as a training log

Name	Company	Date	Who trained by	Type of training	Date next training due
------	---------	------	----------------	------------------	------------------------

Communication

The plan is being communicated by:

- ☐ Meetings
☐ Posters
☐ Feedback from staff
☐ other, please state

Waste Data

If you have entered any waste data then it will be summarised below.

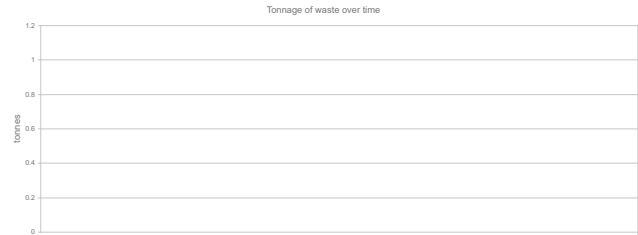
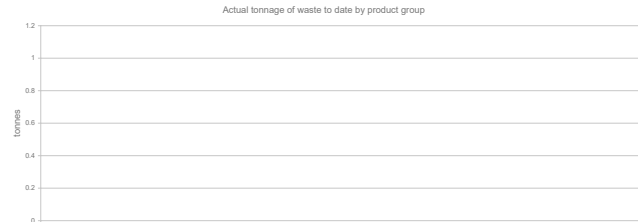
no waste data has yet been added

Waste types and routes

Project Performance	Tonnage	Mixed	Segregated	Waste management routes percentages					tonnes / 100m ² / £100k
	(tonnes)	(%)	(%)	Reuse	Recovery	Recycle	Disposal	Energy Recovery	
Bricks (17 01 02)	0.00	0	100	-	-	-	-	-	0.0 0.0
Tiles and Ceramics (17 01 03)	0.00	0	100	-	-	-	-	-	0.0 0.0
Concrete (17 01 01)	0.00	0	100	-	-	-	-	-	0.0 0.0
Inert (17 01 07)	0.00	0	100	-	-	-	-	-	0.0 0.0
Insulation materials (non hazardous) (17 06 04)	0.00	0	100	-	-	-	-	-	0.0 0.0
Metals (17 04 07)	0.00	0	100	-	-	-	-	-	0.0 0.0
Packaging materials (15 01 06)	0.00	0	100	-	-	-	-	-	0.0 0.0

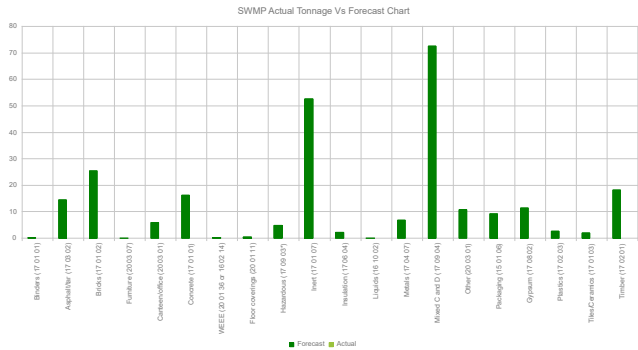
Project Performance	Tonnage	Mixed	Segregated	Waste management routes percentages					tonnes / tonnes/100m ² / £100k	
	(tonnes)	(%)	(%)	Reuse	Recovery	Recycle	Disposal	Energy Recovery		
Plasterboard / Gypsum (17 08 02)	0.00	0	100	-	-	-	-	-	0.0	0.0
Binders (17 01 01)	0.00	0	100	-	-	-	-	-	0.0	0.0
Plastic (excluding packaging waste) (17 02 03)	0.00	0	100	-	-	-	-	-	0.0	0.0
Timber (17 02 01)	0.00	0	100	-	-	-	-	-	0.0	0.0
Floor coverings (soft) (20 01 11)	0.00	0	100	-	-	-	-	-	0.0	0.0
Electrical and electronic equipment (non hazardous) (20 01 36 or 16 02 14)	0.00	0	100	-	-	-	-	-	0.0	0.0
Bulky waste / Furniture (20 03 07)	0.00	0	100	-	-	-	-	-	0.0	0.0
Canteen/Office/Adhoc waste (20 03 01)	0.00	0	100	-	-	-	-	-	0.0	0.0
Liquids (16 19 02)	0.00	0	100	-	-	-	-	-	0.0	0.0
Waste paint & varnish (non-hazardous) (08 01 12)	0.00	0	100	-	-	-	-	-	0.0	0.0
Oils (13 01 13*)	0.00	0	100	-	-	-	-	-	0.0	0.0
Soils (17 05 04)	0.00	0	100	-	-	-	-	-	0.0	0.0
Bluminous mixtures (non hazardous e.g. asphalt) (17 03 03)	0.00	0	100	-	-	-	-	-	0.0	0.0
Wastes from physicochemical treatments of waste (including deschromation, decyanidation, neutralisation) (19 02)	0.00	0	100	-	-	-	-	-	0.0	0.0
Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletizing) not otherwise specified (19 12)	0.00	0	100	-	-	-	-	-	0.0	0.0
Wastes from soil and groundwater remediation (19 13)	0.00	0	100	-	-	-	-	-	0.0	0.0
Hazardous waste*	0.00	0	100	-	-	-	-	-	0.0	0.0
Other waste	0.00	0	100	-	-	-	-	-	0.0	0.0
Mixed construction and/or demolition waste (17 09 04)	0.00	0	100	-	-	-	-	-	0.0	0.0

Summary charts



Week 0 is the first week data was entered for. First data entry was on ##

SWMP Actual Tonnage Vs Forecast Chart



Current actual waste quantities versus forecasted quantities

Waste type	Waste Sub Type	Forecast quantity (tonnes)	Actual (tonnes)	Difference	% Difference
Binders (17 01 01)		0.2	0.0	-0.2	-100.0
Bituminous mixtures (non hazardous e.g. asphalt) (17 03 02)		14.4	0.0	-14.41	-100.0
Bricks (17 01 02)		25.3	0.0	-25.35	-100.0
Bulky waste / Furniture (20 03 07)		0.0	0.0	-0.01	-100.0
Canteen/Office/Adhoc waste (20 03 01)		5.9	0.0	-5.88	-100.0
Concrete (17 01 01)		16.1	0.0	-16.14	-100.0
Electrical and electronic equipment (non hazardous) (20 01 36 or 16 02 14)		0.1	0.0	-0.12	-100.0
Floor coverings (soft) (20 01 11)		0.5	0.0	-0.5	-100.0
Hazardous waste*		4.8	0.0	-4.81	-100.0
Inert (17 01 07)		52.6	0.0	-52.55	-100.0
Insulation materials (non hazardous) (17 05 04)		2.2	0.0	-2.19	-100.0
Liquids (16 10 02)		0.1	0.0	-0.1	-100.0
Metals (17 04 07)		6.7	0.0	-6.74	-100.0
Mixed construction and/or demolition waste (17 09 04)		72.6	0.0	-72.56	-100.0
Other waste		10.7	0.0	-10.71	-100.0
Packaging materials (15 01 06)		9.3	0.0	-9.3	-100.0
Plasterboard / Gypsum (17 08 02)		11.4	0.0	-11.37	-100.0
Plastic (excluding packaging waste) (17 02 03)		2.7	0.0	-2.66	-100.0
Tiles and Ceramics (17 01 03)		1.9	0.0	-1.88	-100.0
Timber (17 02 01)		18.1	0.0	-18.12	-100.0

Actual Vs Forecast

Forecast %	Actual %
Reuse	5
Direct recycle	30
Recovery	30
Energy Recovery	34
Landfilled/Disposal	1

Ongoing review of implementation

This table logs any changes that may have been made to the SWMP.

Date	Name	Summary/ Actions carried out
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Completion review

This section must be filled in within 3 months of the work being completed on this project (i.e. project finish) :

We confirm that the plan has been monitored on a regular basis to ensure that work was progressing to the plan and the plan was updated ☐

Signature

Print name

Date

This stage is designed to help you evaluate the success of your SWMP, and to identify key 'lessons learnt' to use on your future project, it is helping you strive for continual improvement.

Please review how successful you believe the implementation of the SWMP was:

Please explain any deviation from the original plan:

Estimate of cost savings achieved: £0

Action planned for next project:

Please provide a comparison of the estimated quantities of each waste type against the actual quantities.
If you have used SmartWaste for measuring waste on this project, the data supplied in step 9 will help with this)

Snapshot of Actual versus Forecast waste on 24/3/2023

Provide snapshot of Actual versus Forecast waste by clicking button below

Confirmation (within 3 months) ☐

Signature

Print name

Date

This plan should be kept at either the principal contractor's place of business or at the site of the project for 2 years

Appendix 1

Cost data is summarised below

Summary information	
Total cost of waste removal	£0.00
Waste cost£100K	£0.00
Waste cost100m²	£0.00
Waste cost as % of project cost	0.0 %
Waste cost/tonne	-
Waste types and routes	
Cost of non-hazardous waste / tonne	-
Cost of inert waste / tonne	-
Cost of hazardous waste / tonne	-
Hazardous waste removal cost as a % of total waste removal cost	
	0 %
Segregated waste removal cost as a % of total waste removal cost	
	0 %
Mixed waste removal cost as a % of total waste removal cost	
	0 %
Inert waste removal cost as a % of total waste removal cost	
	0 %
Active waste removal cost as a % of total waste removal cost	
	0 %

Appendix 2

Subcontractors

Appendix 3

Users