

RESOURCE EFFICIENCY AND WASTE STRATEGY (2021 – 2025)

	Designing Out Waste	Supply Chain Collaboration	Operating Responsibly
OBJECTIVES	<ul style="list-style-type: none"> • Where possible design house types which use standard material sizes • Maintaining product integrity and high design standards • Strategic understanding of material flows • Design out waste, leading to reductions in energy consumption and Greenhouse Gas emissions. • Designing development layouts and landscaping to retain excavated material 	<ul style="list-style-type: none"> • Working with our supply chain to reduce waste and minimise impact on the environment* • Developing ways to continually work efficiently, effectively and safely* • Procuring with zero waste in mind 	<ul style="list-style-type: none"> • Using available materials as efficiently as possible in order to minimise the amount used for construction • Working efficiently and considerately • Managing our resources efficiently • Ensuring consistent, high standards across all our developments* • Creating a tidier and safer site
DELIVERABLES	<ul style="list-style-type: none"> • Exploiting offsite manufacturing where possible • Consideration of waste and efficient use of materials during the design of house types and developments layouts • Including more recycled content/low-carbon products and materials within our house types and developments • Consideration of appropriate site levels to optimise cut-and-fill and implementation of divisional material management plans (MMP's) to reduce the volume of soil to landfill 	<ul style="list-style-type: none"> • Utilisation of supplier takeback schemes for product packaging, including paint cans and pallets • Working with waste contractors/brokers to effectively monitor waste and identify improvement opportunities through quarterly audits and other engagement • Consideration given to the wastage allowances that are set for materials to help prevent over-ordering when scheduling 	<ul style="list-style-type: none"> • Effectively manage materials on site to avoid damage, including adequate protection and storage • Improving waste reduction through development of site waste management plans • Ensuring we meet our waste compliance obligations • Monitoring and reporting on waste: waste to landfill, the cost of waste and tonnage of waste per 100m2 build (at site, divisional and group level). • Development of an app that will allow for better site management of material call offs
PRINCIPLES	<ul style="list-style-type: none"> • Working with manufacturers and the supply chain to achieve material optimisation through design choices and material selection • Efficiency considered within layout designs 	<ul style="list-style-type: none"> • Setting clear waste expectations for all subcontractors and suppliers engaged with our activities 	<ul style="list-style-type: none"> • Increasing awareness through monitoring, analysis and communication of waste performance. • Regular feedback with all personnel that support and influence continuous improvement of our waste management performance • Smart construction using digital technology*