Part 1

Project Name	22-035 Kishoge Post Primary School		
Project Address line 1	Thomas Omer Way,		
Project Address line 2	Kishoge, Lucan		
City	Dublin	County	Co. Dublin
Country	Ireland	EirCode	

Part 2

Date of Issue	09.03.2023	Commencement Date	03.2023
Revision Number	01	Plan prepared by	
Scope	This document details the Waste Management Plan required to complete the project for Kishoge Post Primary School.		
Waste Manager	Graham Hall	Construction Manager	Graham Hall
Review Date	05.2023	Reviewed by	

Part 3

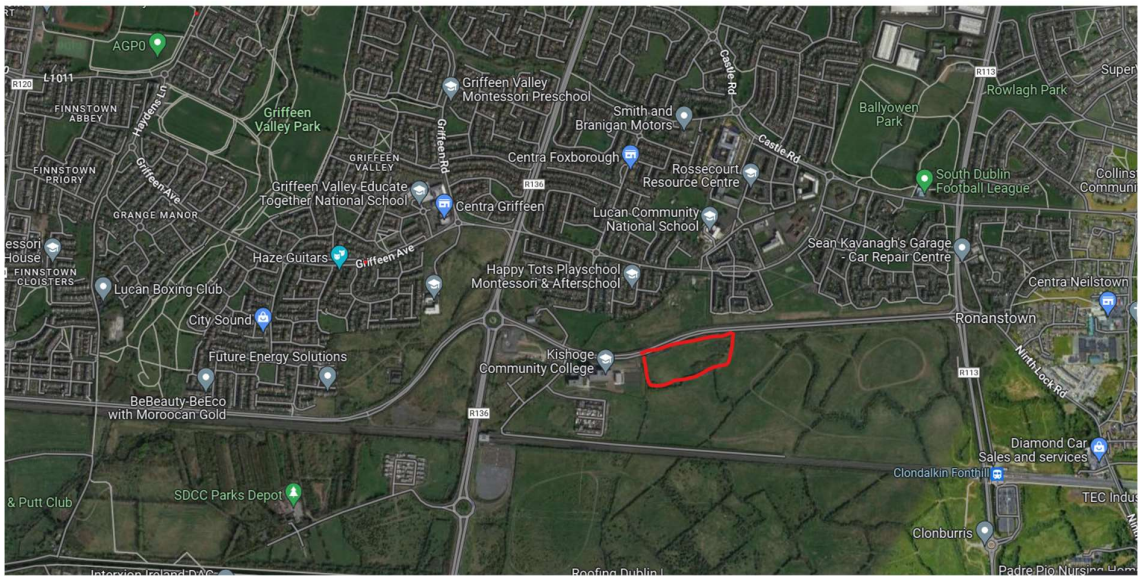
It is the policy of Cpac Modular to provide a specific Waste Management Plan for each project. Main aims are to ensure optimum levels of waste reduction, re-use and recycling. Cpac Modular will be responsible for the development of this plan and the implementation of all necessary protocols and measures to ensure regulatory compliance.

Project Description

Site Location

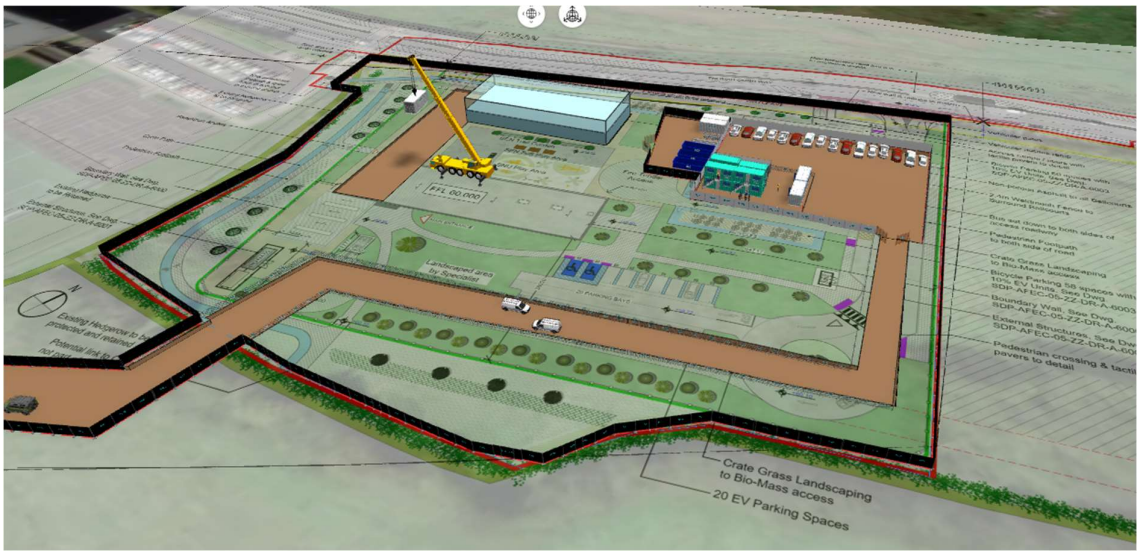
The site is located within a greenfield and undeveloped land parcel to the southern side of the Thomas Omer Way, a road which connects the R113 and the R136. The site is zoned for educational use as per the Clonburris SDZ. The Thomas Omer way at present has minimal secondary road connections, save for Lynches Lane to the west which connects Kishoge Community College. The site is located approximately 10 minutes from the M50 and 10 minutes from the N7. The site measures 1.16 ha / 2.86 Acres. The site is bounded to the west by Kishoge Community College, the north by Thomas Omer Way and undeveloped lands to the south and east. A right of way exists to the north of the site which contains an Irish water owned gravity fed foul sewer line

Site Location



Site Boundary Map

Site Overview



Site Entrance

Scope of Works

Proposed Primary School of circa. 3,355sq.m, consisting of a 2 storey, 16 classrooms building with an additional 2 classroom Special Educational Needs Unit, a General Purpose Hall along with all ancillary teacher and pupil amenities and facilities. Works including the full building substructure, installation of proposed new modular units, mechanical, electrical and internal fit-out. Painting, Finish off internally and externally. Completion of permanent access roads and service connection. The building footprint will be outlined in the layout drawings. At each stage of construction of the project Method Statement & Risk Assessment will be prepared.

Sequence of works: Site Ground Works & Installation of Modular Units

Cpac Modular Site mobilisation	Carry out all tasks / actions as outlined.
Groundworks Site Mobilisation / Site clearance works	Setting out for/ Digging for the installation of concrete pads foundations or clearing of ground to give level access and preparation for the installation of foundations– a separate Method Statement & Risk Assessment will be prepared for these works.
Site infrastructure works	If applicable the rerouting of the ESB cables and connection into other service is to be agreed separate RAMS.
Delivery of modular units	A Lift Plan and separate RAMS will be prepared for delivery & placement of units in accordance with site drawings.
Linking of modular units	Link units as drawing and if applicable.
Handrails, edge protection, temporary stairs	These are required if more than one storey high or, with temporary stairs / steps.
Fit Out	All tasks for fit out and unit completion are included in the individual RAMS as submitted by Subcontractors.
Mechanical & Electrical (M&E)	Including all RAMS for Mechanical, electrical, and plumbing activities. Power supply and M&E testing and commissioning.
Footpaths and landscaping	Provision of paths, amenity areas and resurfacing.
Site Demobilisation	Removal of all welfare units, waste, and other materials on site.
BCAR	Documentation and required certification.
Handover	Completion of Room Specific Snag list, Modular Unit Key Handover Form, Modular Unit Handover Quality Audit.

Phasing of Works

The overall proposed timescale for completion of the works is approximately **[--]** weeks and in accordance with an overall project programme.

Cpac Modular as the main contractor on site will monitor the timescale in accordance with the construction programme with a view to ensuring all works and phased elements are completed safely.

The programme for construction works has been prepared on the basis of the design specification and sequencing of elements of the works by the design team and project supervisors.

Assignment of Responsibilities

Cpac Modular will be responsible for developing and managing the project specific Waste Management Plan.

While this plan endeavours to provide representative indicative quantities, it should be noted that the estimated volumes will be developed further as the project progresses.

The Cpac Modular Construction Manager will be responsible for the overall implementation of the plan and associated procedures.

The Construction Manager will ensure that reporting and recording requirements are met and all necessary resources are in place to support the implementation of the plan.

Nominated Construction Manager			
Mobile Number		Email	

Part 4

Analysis of waste arisings and proposals for managing waste. The main waste stream arisings, including surplus material, which are likely to be generated during a construction project are presented below:

Waste Type	European Waste Classification Code	Waste Classification
Concrete	17 01 01	Non - hazardous
Soil and Stones	17 05 04	Non - hazardous
Scrap Metal	17 04 05	Non - hazardous

Bitumen / Tarmacadam	17 03 02	Non - hazardous
Surplus Bitumen / Tarmacadam	17 04 11	Non - hazardous
Surplus Cabling	17 03 02	Non - hazardous
Plastic Pipe Cut-Offs	17 03 02	Non - hazardous
Biodegradable Garden and Park Waste	20 02 01	Non - hazardous
Plastic Packaging	15 01 02	Non - hazardous
Paper and Cardboard Packaging	15 01 02	Non - hazardous
Mixed Municipal Waste	20 03 01	Non - hazardous

Predicated Waste Arisings

The figures provided below should be considered as provisional only. At a minimum Cpac Modular aim for an overall recycling rate of 83%, in accordance with the Waste Management Plan for the Dublin Region.

C&D Waste Material: The figures provided are indicative (subject to revision):

Asphalt / Bitumen / Tarmacadam	Quantities yet unknown as method of foundation construction still under review.
Clay, Soil and Stones	Will be stockpiled on site for re-use as work progresses, Excess stone will be removed from site to waste facility.
Concrete	Quantities yet unknown as method of foundation construction still under review.
Contaminated Granular Material	Quantities yet unknown as method of foundation construction still under review.
Masonry	Quantities yet unknown as method of foundation construction still under review.
Wood	Very small quantities generated – will be removed from site in mixed construction waste skip
Packaging	Very small quantities generated – will be removed from site in mixed construction waste skip
Plastic Pipes and Cut-Offs	Very small quantities generated – will be removed from site in mixed construction waste skip
Hazardous Materials	None envisaged
Scrap Metal	Quantities yet unknown as method of foundation construction still under review.
Other Waste Materials	None envisaged

Part 5

Minimise and Opportunities for Re-use / Recycling

Construction waste will arise mainly from excavation / site clearance / reduced level dig and unavoidable construction waste, material surpluses and damaged materials on site.

- Concrete will be collected in receptacles prior to delivery to a remote / recycling / reprocessing facility, to be recycled / re-used as aggregate / construction material, wherever possible. No concrete crushing will take place on-site.

- Reinforced Concrete will be kept separate from unreinforced concrete to be broken / cut into manageable sizes for a recycling facility to accept. This reinforced concrete will be removed to a remote recycling / reprocessing facility, to be recycled / re-used.

- Excavated Granular Material will be stored separately and removed to a remote recycling / reprocessing facility, to be recycled / re-used as aggregate / construction material.

- Masonry and wood will be collected in a skip with mixed construction waste materials, for subsequent separation and recovery at a remote facility.

- Hazardous wastes, if any, will be identified, removed, and kept separate from other construction waste materials in order to avoid further contamination, all in compliance with relevant legislation and codes of practice (e.g., HSG 71 Chemical Warehousing – The Storage of Packaged Dangerous Substances).

- No material containing asbestos in current development.

- Scrap Metal will be stored separately and will be sent to an appropriately authorised waste contractor for recycling.

- Other Construction waste materials will be collected in a skip with mixed construction waste materials, for subsequent separation and disposal at a remote facility.

- Miscellaneous Waste Arisings: Small volumes of a variety of waste streams will be generated including packaging waste, plastic pipe and cable cut-offs, green and mixed municipal type waste.

- Green waste arisings will be sent for composting, where practicable. Packaging will be returned to suppliers; other cardboard will be flattened, and paper and cardboard containers will be covered to prevent ingress of water. Paper, cardboard, and plastics will be recycled, while mixed municipal waste arisings will be sent for disposal.

- Laboratory testing has been booked for testing of soil.

Waste logs will be available for inspection.

Part 6

Construction waste management procedures

Roles and Responsibilities

The Construction Manager will be responsible for the overall implementation of the plan and associated procedures. The Construction Manager will ensure that reporting and recording requirements are met and all necessary resources are in place to support the implementation of the plan.

Record Keeping

The Construction Manager shall develop a system whereby details of ALL arisings, movement and treatment of Construction Waste will be recorded. Hence, each consignment of Construction Waste taken from the site will be subject to documentation. Verifiable and validated tracking and authorisation documentation will be maintained for all waste destined for re-use, recovery, recycling or disposal. Justification will also be provided where a disposal option has been employed.

Waste Authorisation

All waste material will be managed in accordance with the Waste Management Acts. All haulers will hold collection permits for the specified EWC issued by South Dublin County Council and the appropriate local authority at the final destination. Waste will only be sent to facilities authorised to accept, treat / dispose of the material. Copies of all waste permits and licences relevant to the waste treatment / collection will be retained with other waste records. In the case of hazardous waste, the Construction Manager will ensure that all drivers hold valid ADR training certificates, as required under the Carriage of Dangerous Goods Regulations, 2007.

Authorisation Type	Specific Need for Project	
Waste Licence		**Thornton's Waste**
Waste Permit		**Thornton's Waste**
Waste Collection Permit		**Thornton's Waste**
Trans-Frontier Shipment Notification	-	No
Trans-Frontier Shipment Notification	-	No
Movement of Hazardous Waste Form	-	No

-ALL PERMITS AND DESTINATION DETAILS ETC ARE AVAILABLE TO VIEW AS PER THIS LINK

HTTPS://THORNTONS-RECYCLING.IE/COMPLIANCE/