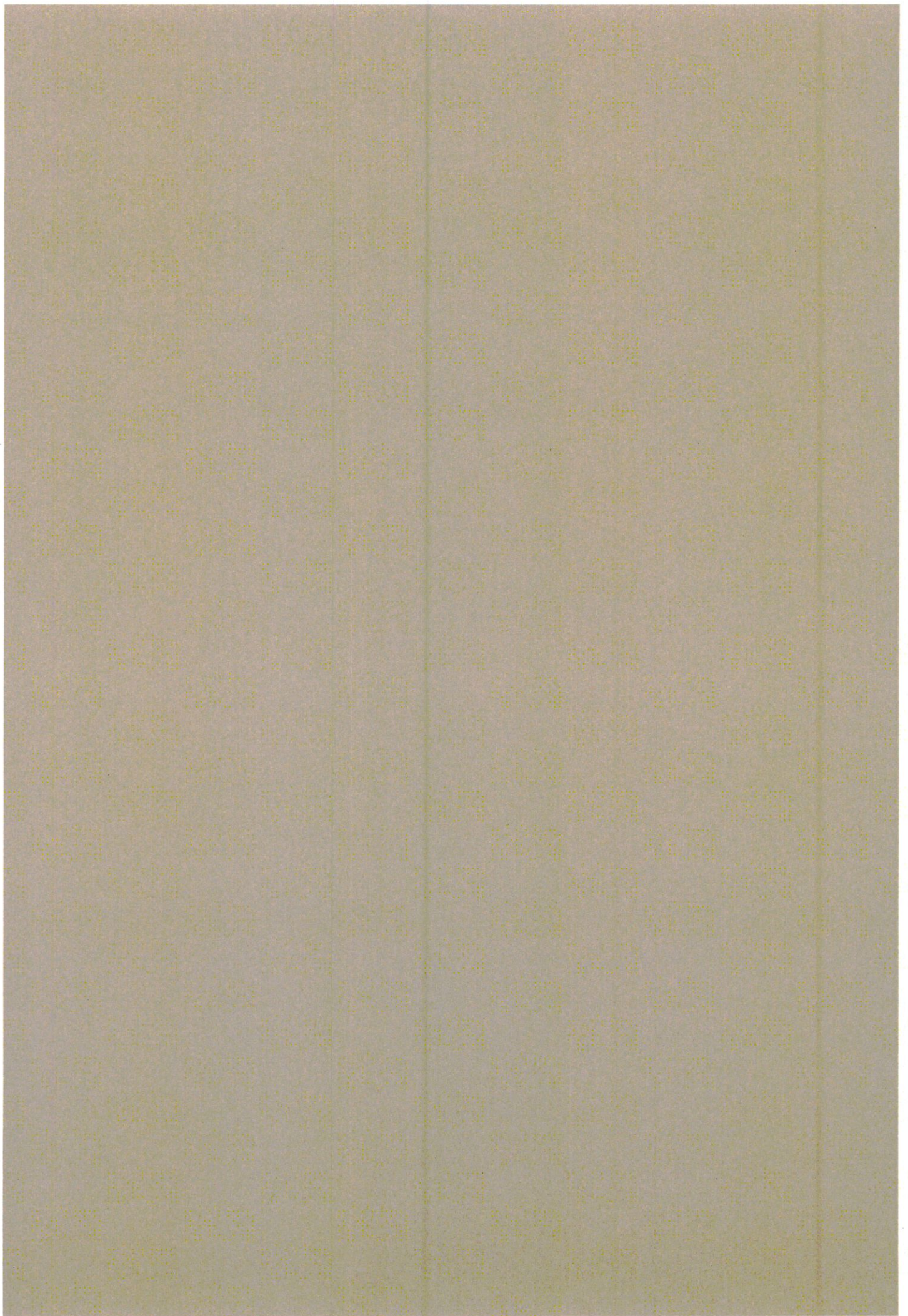


# Construction Traffic Management Plan

Waste Recovery Facility

Unit 518B, Grants Crescent, Greenogue  
Business Park, Rathcoole, Co. Dublin

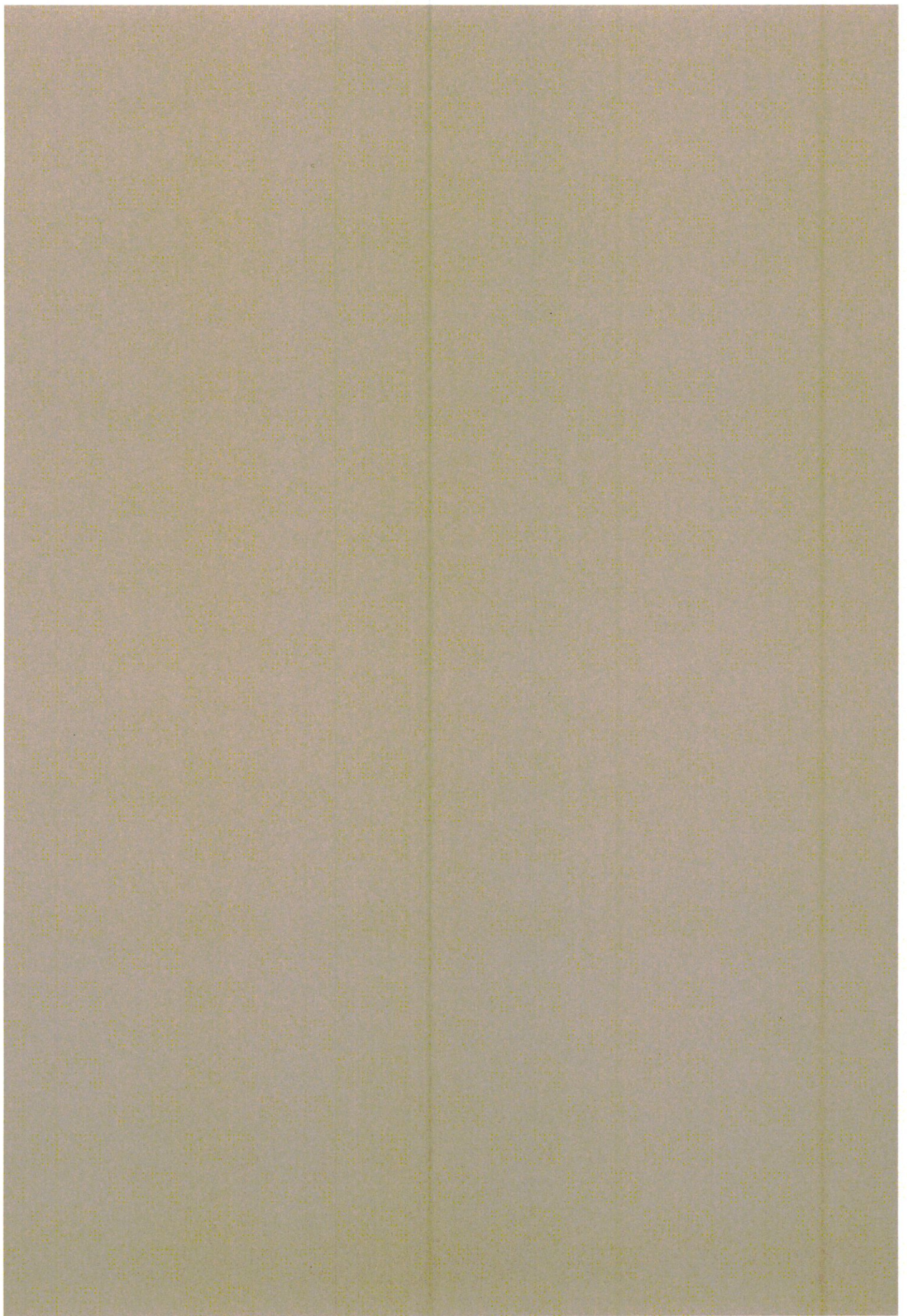
Thorntons Recycling



# Revision history

Ver:	Date:	Description of the change	Reviewed	Approved by
1	15/07/2022	For planning application	ME	TO'S

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# Table of contents

1.	Introduction .....	7
1.1	Purpose and Scope .....	7
1.2	Implementation .....	7
2.	Construction Phase .....	8
2.1.1	Construction Overview .....	8
2.2	Construction Traffic .....	9
2.2.1	Construction Staff .....	9
2.2.2	Heavy and Light Construction Vehicles .....	9
3.	Traffic Management Plan .....	10
3.1	Site Access and Egress .....	10
3.2	Traffic Management Signage .....	10
3.3	Traffic Management Speed Limits .....	10
3.4	Road Cleaning .....	10
3.5	Enforcement of CTMP .....	10



## 1. Introduction

### 1.1 Purpose and Scope

This Construction Traffic Management Plan (CTMP) has been developed in support of the proposed development at Unit 518B, Greenogue Business Park, Rathcoole, Co. Dublin (D24 NY97) by Padraig Thornton Waste Disposal Limited t/a Thorntons Recycling (hereinafter referred to as Thorntons Recycling).

The proposed development includes the construction of a new waste handling building in addition to the use of two existing buildings onsite and associated infrastructure. On completion of the proposed new building, the overall Unit 518B will continue to be operated as a waste recovery facility. The proposed development provides for an increase in the annual waste intake to 20,000 tonnes.

Subject to grant of planning permission, this CTMP will be updated by the appointed Contractor prior to the commencement of construction, to reflect the contractor's plans of works/schedule, all conditions associated with the grant of permission as well as the relevant mitigation measures set out in the EIAR.

The purpose of this CTMP is to:

- Outline minimum traffic management measures to be implemented to reduce and/or eliminate possible impacts as a result of construction traffic during the works
- Provide the basis for the Contractor to further develop the details of this CTMP.

The objective of this CTMP is to ensure that the residual impacts to the public road network during the construction phase of the proposed development are minimised and that transport related activities are carried out as safely as possible and with the minimum disruption to other road users.

The CTMP has been prepared in conjunction with the Environmental Impact Assessment Report (EIAR), having regard to a Traffic Impact Assessment (TIA) completed for the proposed development. This CTMP must be read in conjunction with the EIAR.

### 1.2 Implementation

Key to the implementation of the CTMP is the is the appointment of a suitably experienced and qualified person on-site (nominated by the Contractor) who will supervise the implementation of the plan and regularly liaise with and update Thorntons Recycling (the Employer) on the operation of the CTMP and any proposed improvements. All site personnel will be required to comply with the requirements of the site's CTMP.

## 2. Construction Phase

### 2.1.1 Construction Overview

The proposed development primarily consists of the construction of a new waste handling building ('Building C') at the south (rear) of the site – see Figure 1. The new building will consist of a steel portal framed structure with 6 m high concrete push wall and cladding finish to roof level

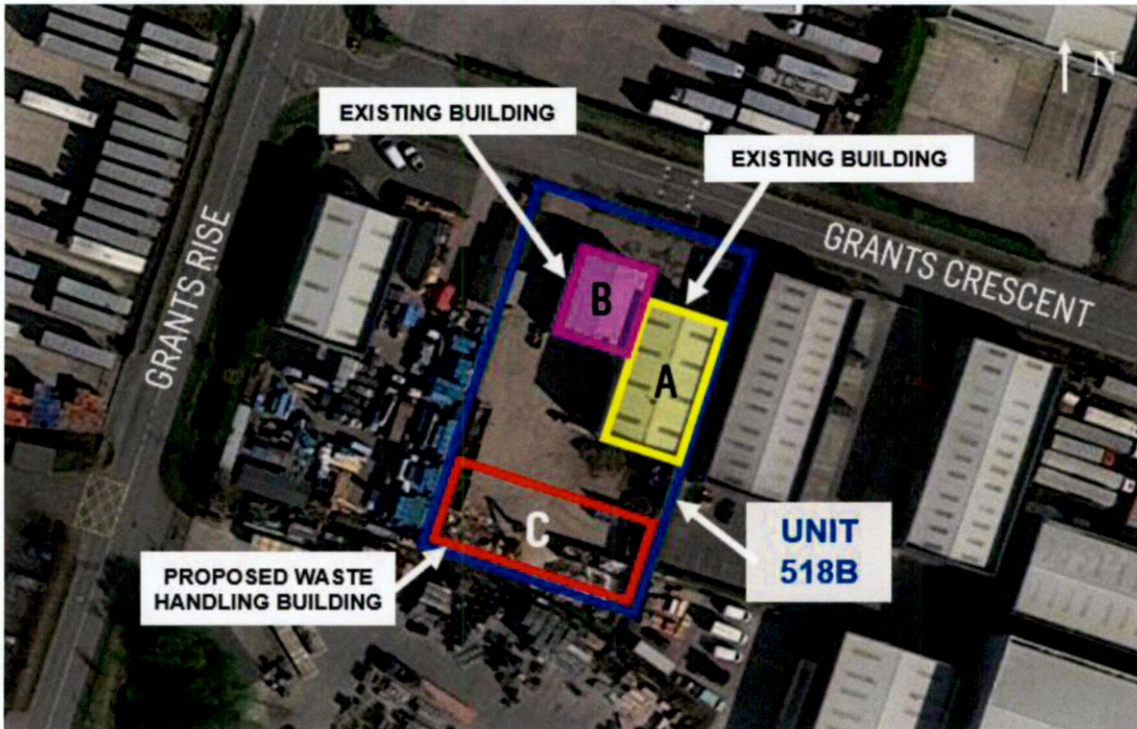


Figure 1 : Site Overview

The construction is scheduled for approximately 8 weeks and is due to commence in Q4 2022, subject to grant of planning permission.

The existing yard slab will be retained as the floor for the new building which will limit the foundation works to excavation of the building perimeter. Limited shallow excavation works will also be required for the reconfiguration of the surface water drainage.

On completion of the foundation and drainage works, the yard and floor area excavated will be reinstated. The concrete push walls, steel structure and roof installation works will then be constructed. There will be limited internal fit out works (electrical cables, etc.).

Elevational treatment works will be carried out on the existing building ('Building B'). Minor civil works including the reconfiguration of the existing parking surfaces, installation of bicycle parking and enhancement of the site boundary landscaping will complete the construction phase.

The provisional construction schedule is set out in Table 1 below.



**Table 2: Provisional Construction Schedule**

Stage	Estimated Duration	Schedule
Foundations & Drainage Works	2 weeks	Q4 2022
Erection of New Building C Building A – Cladding & Elevational Treatment	4 weeks	Q4 2022
Minor Civil Works / Site Finishes	2 weeks	Q4 2022 / Q1 2023

The core construction on-site working hours are proposed as follows and shall be reviewed based on the conditions of planning permission (if granted):

- Monday to Friday 8.00 a.m. to 7.00 p.m.
- Saturdays from 8.00 a.m. to 4.00 p.m.

## 2.2 Construction Traffic

The potential temporary impacts of the scheme on the road network are as follows:

- Temporary impacts associated with the importing of construction materials, equipment, etc to the site, and the relevant movements of delivery and construction vehicles and construction workers;
- Construction staff commuting to and from the construction compounds, cable route corridor and working areas;
- General service traffic associated with construction activities (i.e. plant deliveries, visitors etc.)

### 2.2.1 Construction Staff

Access to the existing onsite office, kitchenette and toilet facilities will be made available for use by the construction personnel. The existing building 'B' will be provided to the construction contractor for use as a store and compound for the duration of the construction works. All construction parking will be accommodated within the existing site boundary.

Construction personnel numbers on-site are expected in the range of 3 to 10 no. over the 8 week construction period. It is expected that the majority of workers will likely arrive to the site by motor vehicle. Construction parking will be accommodated within the existing site boundary

### 2.2.2 Heavy and Light Construction Vehicles

Due to the nature of the proposed development as described above, it is expected that a limited number of construction traffic movements will occur beyond the arrival and departure of construction personnel at the start and end of work shifts (approx. four per day be required; two arrivals and two departures) site. The generation of construction traffic will result from the following activities:

- Excavation of foundations and drainage channels;
- Delivery of construction materials and removal of waste;
- Fit-out of new building.

### 3. Traffic Management Plan

The Contractor will be required to ensure that the contents of this CTMP are finalised prior to the commencement of works and in accordance with the EIAR and conditions of planning permission. The Contractor will implement monitoring measures to confirm the effectiveness of the mitigation measures outlined in the CTMP.

#### 3.1 Site Access and Egress

The Greenogue Business Park is located approximately 2 km northeast of the N7 (national) road. Exit 4 of the N7 will lead to the R120. The site will be accessed via the R120, through College Road to Grants Avenue, Grants Rise and finally to the site entrance along Grants Crescent.

The existing site entrance will provide access/egress for all construction vehicles with appropriate lines of sight existing at this location. No new temporary site entrance is required.

#### 3.2 Traffic Management Signage

The Contractor will undertake consultation with SDCC as required for the purpose of identifying and agreeing signage requirements. Such signage will be installed prior to works commencing on site.

#### 3.3 Traffic Management Speed Limits

Adherence to posted / legal speed limits will be emphasised to all staff and suppliers and contractors during induction training.

#### 3.4 Road Cleaning

It will be a requirement of the works contract that the Contractor carry out periodic road sweeping/cleaning operations to remove any scheme related material deposited on the road network by construction / delivery vehicles.

#### 3.5 Enforcement of CTMP

All project staff and material suppliers will be required to adhere to the CTMP. Compliance will be monitored by the appointed Project Manager. Regular inspections / spot checks will also be carried out to ensure that all project staff, material suppliers and hauliers follow the measures specified in the CTMP.