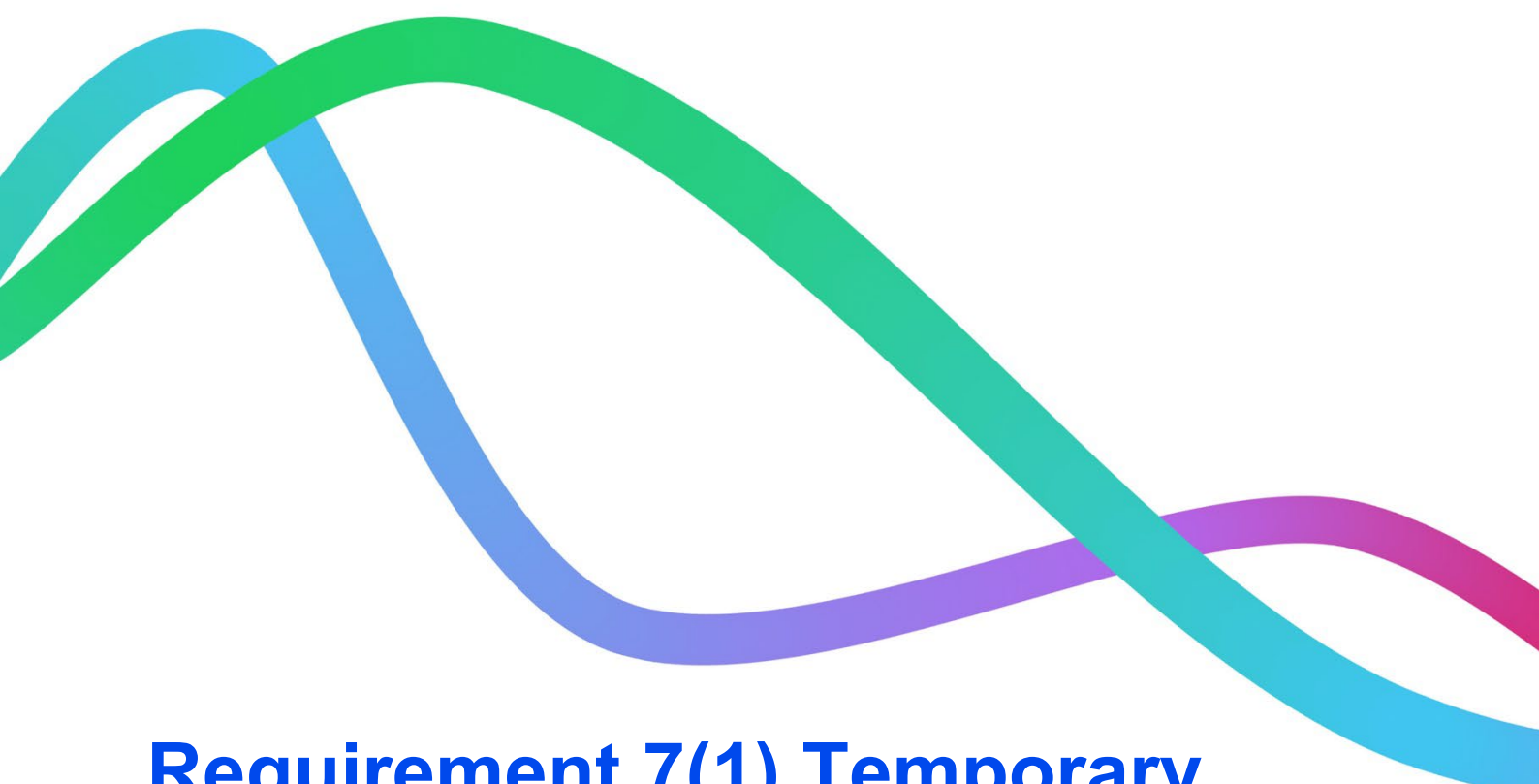




Kanadevia
INOVA



Requirement 7(1) Temporary Highway Access: Work No.5 Temporary Construction Compound

(part discharge)

July 2025

Revision 2.0
Document ref. CP3_R07_1

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1. Introduction

1.1 Background

- 1.1.1 Medworth CHP Limited (the Developer) has secured a Development Consent Order (the Order)¹ to construct, operate and maintain an Energy from Waste (EfW) Combined Heat and Power (CHP) Facility on the industrial estate, Algores Way, Wisbech, Cambridgeshire. Together with associated Grid Connection, CHP Connection, Access Improvements, Water Connections, Temporary Construction Compound (TCC), and an Acoustic Fence, these works are the Authorised Development.
- 1.1.2 The Authorised Development will recover useful energy in the form of electricity and steam from over half a million tonnes of non-recyclable (residual), non-hazardous municipal, commercial and industrial waste each year. The Authorised Development has a generating capacity of over 50 megawatts and the electricity will be exported to the grid. The Authorised Development also has the capability to export steam and electricity to users on the surrounding industrial estate.

1.2 The Developer

- 1.2.1 The Developer is a wholly owned subsidiary of MVV Environment Limited (MVV). MVV is part of the MVV Energie AG group of companies. MVV Energie AG is one of Germany's leading energy companies, employing approximately 6,500 people with assets of around €5 billion and annual sales of around €4.1 billion. The Authorised Development represents an investment of approximately £450m.
- 1.2.2 The company has over 50-years' experience in constructing, operating, and maintaining EfW CHP facilities in Germany and the UK. MVV Energie's portfolio includes a 700,000 tonnes per annum residual EfW CHP facility in Mannheim, Germany.
- 1.2.3 MVV's largest operational project in the UK is the Devonport EfW CHP Facility in Plymouth. Since 2015, this modern and efficient facility has been using up to 275,000 tonnes of municipal, commercial and industrial residual waste per year to generate electricity and heat, notably for His Majesty's Naval Base Devonport in Plymouth, and exporting electricity to the grid.
- 1.2.4 In Dundee, MVV has taken over the existing Baldovie EfW Facility and has developed a new, modern facility alongside the existing facility. Operating from 2021, it uses up to 220,000 tonnes of municipal, commercial and industrial waste each year as fuel for the generation of usable energy.
- 1.2.5 Biomass is another key focus of MVV's activities in the UK market. The biomass power plant at Ridham Dock, Kent, uses up to 195,000 tonnes of waste and non-recyclable wood per year to generate green electricity and is capable of exporting heat.

¹ Statutory Instrument 2024 No. 230 <https://www.legislation.gov.uk/ukSI/2024/230/schedule/1/made>

1.3 The Authorised Development

1.3.1 The Authorised Development comprises the following key elements:

- The EfW CHP Facility and Site (Work Nos.1/1A/1B/2A/2B);
- CHP Connection (Work Nos.3/3A/3B);
- Temporary Construction Compound (TCC) (Work No.5);
- Access Improvements (Work Nos.4A/4B);
- Water Connections (Work Nos.6A/6B);
- Grid Connection (Work Nos.7/8/9) and
- Acoustic Fence (Work No.10).

1.3.2 A summary description of each Authorised Development element is provided below.

- **EfW CHP Facility and Site:** A site of approximately 5.3ha located south-west of Wisbech, located within the administrative areas of Fenland District Council and Cambridgeshire County Council. The main buildings of the EfW CHP Facility would be located in the area to the north of the Hundred of Wisbech Internal Drainage Board (IDB) drain bisecting the site and would house many development elements including the tipping hall, waste bunkers, boiler house, turbine hall, air cooled condenser, air pollution control building and chimneys. The gatehouse, weighbridges, and laydown maintenance area would be located in the southern section of the EfW CHP Facility Site.
- **CHP Connection:** The EfW CHP Facility would be designed to allow the export of steam and electricity from the facility to surrounding business users via dedicated pipelines and private wire cables located along the disused March to Wisbech railway. The pipeline and cables would be located on a raised, steel structure.
- **TCC:** Located adjacent to the EfW CHP Facility Site, the compound would be used to support the construction of the Authorised Development. The compound would be in place for the duration of construction.
- **Access Improvements:** includes access improvements on New Bridge Lane (road widening and site access) and Algores Way (relocation of site access 20m to the south).
- **Water Connections:** A new water main connecting the EfW CHP Facility into the local network will run underground from the EfW CHP Facility Site along New Bridge Lane before crossing underneath the A47 to join an existing Anglian Water main. An additional foul sewer connection is required to an existing pumping station operated by Anglian Water located to the northeast of the Algores Way site entrance and into the EfW CHP Facility Site.
- **Grid Connection:** This comprises a 132kV electrical connection using underground cables. The Grid Connection route begins at the EfW CHP Facility Site and runs underneath New Bridge Lane, before heading north within the

verge of the A47 to the Walsoken Substation on Broadend Road. From this point the cable would be connected underground to the Walsoken DNO Substation.

- Acoustic fence: This comprises of a 3m high acoustic fence fronting a residential property at 10 New Bridge Lane, Wisbech.

1.4 Purpose of this document

- 1.4.1 Schedule 2 of the Order requires the Developer to comply with and or submit detailed information to implement the Authorised Development. Requirement 7(1) of Schedule 2 states:

“Highway works

*7.—(1) Construction of any new permanent or **temporary means of access to a highway** [emphasis added], or **alteration of an existing means of access to a highway** [emphasis added], or other works to alter the layout of a highway, must not commence until a plan for that access or other work has been submitted to and approved by the relevant highway authority.”*

- 1.4.2 The Order secures vehicle access to the TCC from Algores Way, for example, see **Figures 3.11i to 3.11iii, ES Chapter 3: Description of the Proposed Development, (Volume 6.3) [APP-049]**. This document and accompanying drawings provide the detailed design for the alteration of the existing access point for Work No.5 (the TCC) onto Algores Way.

- 1.4.3 This submission part discharges Requirement 7(1) for Work No.5 of the Authorised Development. Other submissions may be prepared for the other Works No(s). and will be submitted prior to the commencement of development of that Work No(s).

- 1.4.4 **Table 1.1** lists the detailed drawings submitted to part discharge Requirement 7(1).

Table 1.1: Drawing schedule for the TCC access off Algores Way

Document/ drawing no.	Revision no.	Title	Date
LA010-DOCO- 11000111-1.0-BS00	2.0	Vehicle Access to Temporary Construction Compound (TCC).	15/07/2025

2. Description of the works

2.1.1

It is proposed to provide access to the TCC from the end of Algores Way by replacing the existing half battered kerbs with dropped kerbs. This access will cater for workforce and visitors accessing the car park adjacent to the offices and welfare area within the TCC. Beyond HGVs for site establishment and maintenance purposes, the access to the TCC will cater for cars and vans only and not for construction deliveries. The access road and TCC will be in place for the duration of construction and commissioning of the EfW CHP Facility. The layout has been developed with reference to the published design guidelines (Cambridgeshire Highways, Development Management, General Principles for Development - dated January 2023) and incorporates the following elements:

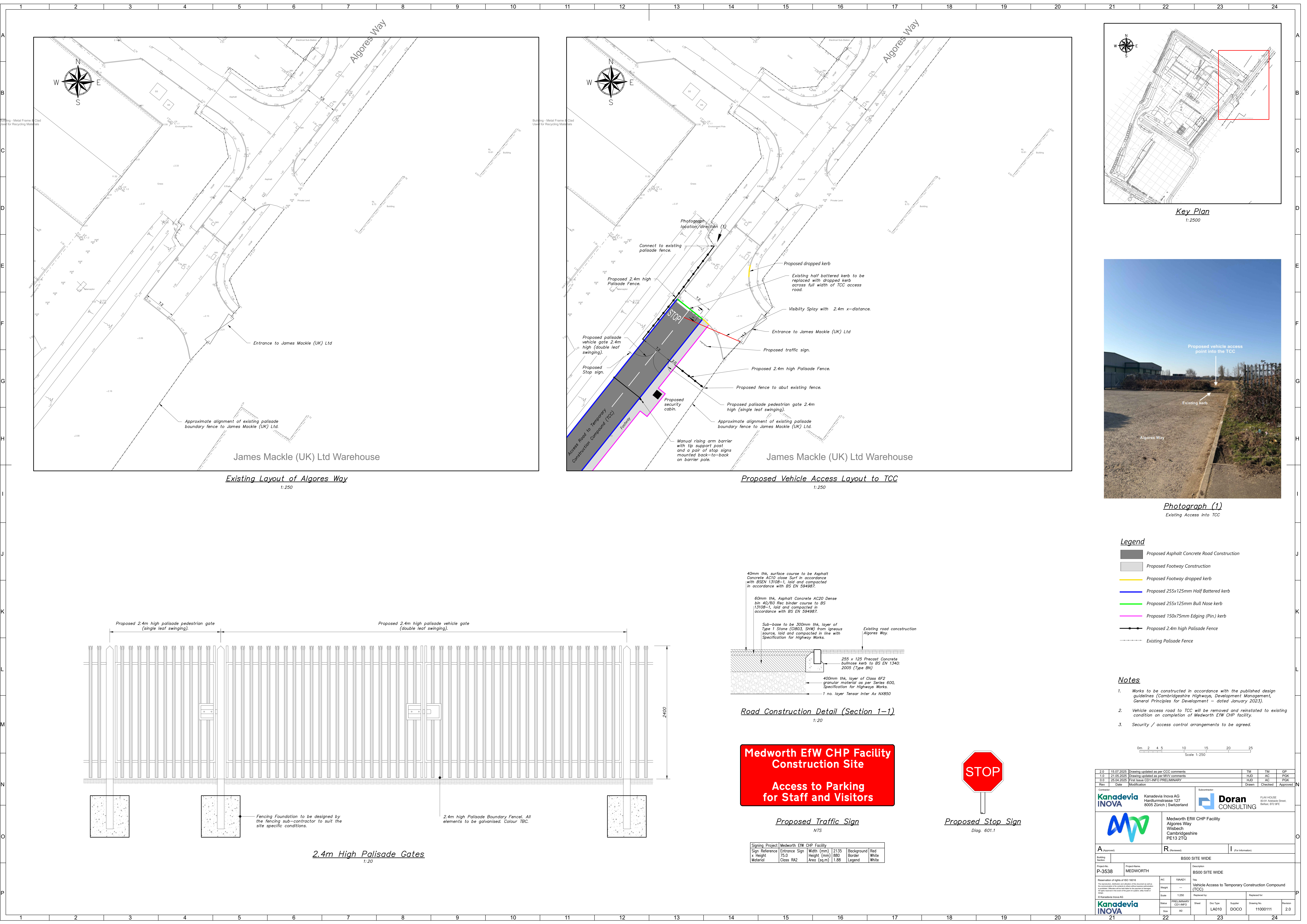
- Replace existing half battered kerbs with dropped kerbs at the end of Algores Way over a width of 7.2m;
- 7.2m wide asphalt concrete access road with half battered kerbs to both sides;
- 2.0m wide footway to one side of the access road;
- Dropped kerbs to footway link within the TCC to interface with Algores Way and the opposing side of the access to James Mackle (UK) Lt, to enable pedestrian trips to the wider network;
- STOP line road markings and STOP traffic sign;
- Palisade gate (double leaf swinging, opening inwards) with separate pedestrian gate (single leaf swinging, opening inwards). Both gates to remain open during the working day;
- Visibility splay with 2.4m x-distance providing a clear view of vehicles exiting from the adjacent James Mackle (UK) Ltd factory;
- Traffic sign advising “*Medworth EfW, Construction Site, Access to Parking for Staff and Visitors*”; and
- Security cabin and manually operated rising arm barrier. The operation of the security gate will ensure that vehicles do not obstruct the access to the James Mackle (UK) premises.

2.1.2

The proposed access to the TCC is in accordance with the principles set out in the **Outline Construction Transport Management Plan (CTMP) (Volume 6.4) [REP7-010]** and **Outline Construction Environmental Management Plan (CEMP) (Volume 7.12) [REP6-012]**.

2.1.3

The access road to the TCC will be removed and reinstated to existing condition on completion of construction and commissioning of the EfW CHP Facility, unless otherwise agreed in writing with the relevant planning authority, in consultation with the relevant highway authority.



Key Plan
1:2500

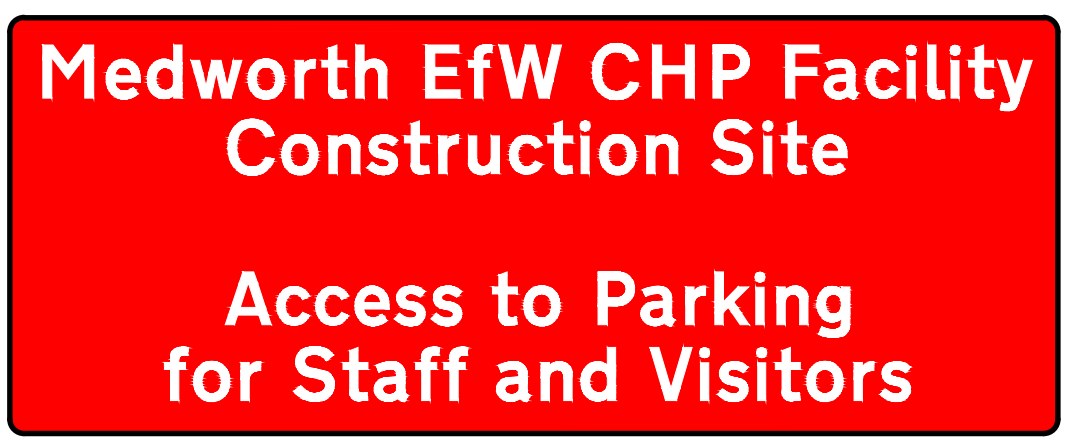
Photograph (1)
Existing Access into TCC

- Legend**
- Proposed Asphalt Concrete Road Construction
 - Proposed Footway Construction
 - Proposed Footway dropped kerb
 - Proposed 255x125mm Half Battered kerb
 - Proposed 255x125mm Bull Nose kerb
 - Proposed 150x75mm Edging (Pin.) kerb
 - Proposed 2.4m high Palisade Fence
 - Existing Palisade Fence

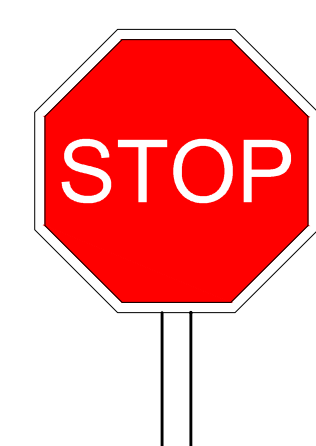
- Notes**
- Works to be constructed in accordance with the published design guidelines (Cambridgeshire Highways, Development Management, General Principles for Development) – dated January 2023).
 - Vehicle access road to TCC will be removed and reinstated to existing condition on completion of Medworth EfW CHP facility.
 - Security / access control arrangements to be agreed.

0m 2 4 5 10 15 20 25
Scale 1:250

2.0	15.07.2025	Drawing updated as per CCC comments	TM	TM	GP
1.0	21.05.2025	Drawing updated as per MIVV comments	HJD	AC	PGK
1.0	28.04.2025	First Issue CD1-INFO PRELIMINARY	HJD	AC	PGK
Rev	Date	Modification	Drawn	Checked	Approved
Contractor: Kanadevia INOVA			Subcontractor: Doran CONSULTING		
Project Name: Medworth EfW CHP Facility			Site: Algores Way Wisbech Cambridgeshire PE13 2TQ		
Project Ref: P-3538			Revision: BS00 SITE WIDE		
Revision: 1.0			Revision: BS00 SITE WIDE		
Revision: 2.0			Revision: Vehicle Access to Temporary Construction Compound (TCC)		
Revision: 3.0			Revision: 11000111		
Revision: 4.0			Revision: 2.0		



Proposed Traffic Sign
NTS



Proposed Stop Sign
Diag. 601.1

Signing Project	Medworth EfW CHP Facility
Sign Reference	Entrance Sign
x Height	75.0
Material	Class RAZ
Width (mm)	2135
Height (mm)	880
Area (sq.m)	1.88
Background	Red
Border	White
Legend	White

